

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
 Data File : BF116201.D
 Acq On : 12 Aug 2019 20:58
 Operator : HP/JU
 Sample : K4085-02MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-080919-AMSD

Quant Time: Aug 13 01:07:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	116854	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	464460	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	258940	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	481954	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	386041	20.00	ng	0.00
87) Perylene-d12	15.46	264	388242	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	884333	126.69	ng	0.00
7) Phenol-d6	6.48	99	1058599	120.20	ng	0.00
23) Nitrobenzene-d5	7.40	82	802431	99.73	ng	-0.02
42) 2,4,6-Tribromophenol	10.67	330	352846	140.55	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1378766	99.73	ng	-0.01
79) Terphenyl-d14	12.94	244	1754730	95.78	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.70	88	134733	38.207	ng	# 85
3) Pyridine	3.45	79	239794	24.343	ng	98
4) n-Nitrosodimethylamine	3.36	42	154128	39.648	ng	99
6) Aniline	6.50	93	126270	10.012	ng	# 67
8) 2-Chlorophenol	6.63	128	368252	47.709	ng	100
9) Benzaldehyde	6.39	77	168343	27.703	ng	99
10) Phenol	6.49	94	391282	37.729	ng	78
11) bis(2-Chloroethyl)ether	6.57	93	362138	47.495	ng	97
12) 1,3-Dichlorobenzene	6.77	146	394814	44.259	ng	99
13) 1,4-Dichlorobenzene	6.85	146	404498	45.287	ng	98
14) 1,2-Dichlorobenzene	7.00	146	374085	45.485	ng	99
15) Benzyl Alcohol	6.98	79	307724	46.043	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.11	45	476796	45.845	ng	90
17) 2-Methylphenol	7.10	107	305441	46.733	ng	95
18) Hexachloroethane	7.34	117	147869	44.966	ng	98
19) n-Nitroso-di-n-propylamine	7.25	70	263051	48.201	ng	98
20) 3+4-Methylphenols	7.25	107	380053	49.138	ng	94
22) Acetophenone	7.25	105	515320	50.590	ng	95
24) Nitrobenzene	7.42	77	417342	48.036	ng	98
25) Isophorone	7.66	82	766732	49.834	ng	99
26) 2-Nitrophenol	7.73	139	206781	50.490	ng	100
27) 2,4-Dimethylphenol	7.77	122	337799	54.824	ng	97
28) bis(2-Chloroethoxy)methane	7.86	93	469262	49.208	ng	100
29) 2,4-Dichlorophenol	7.98	162	333325	51.235	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	348399	46.980	ng	99
31) Naphthalene	8.13	128	1089748	49.859	ng	99
32) Benzoic acid	7.93	122	160430	36.931	ng	100
33) 4-Chloroaniline	8.20	127	85215	8.726	ng	98
34) Hexachlorobutadiene	8.25	225	196593	46.024	ng	100
35) Caprolactam	8.57	113	29708	14.119	ng	96
36) 4-Chloro-3-methylphenol	8.68	107	342223	50.564	ng	100
37) 2-Methylnaphthalene	8.83	142	733513	50.958	ng	99
38) 1-Methylnaphthalene	8.93	142	689549	50.636	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	338233	48.860	ng	100

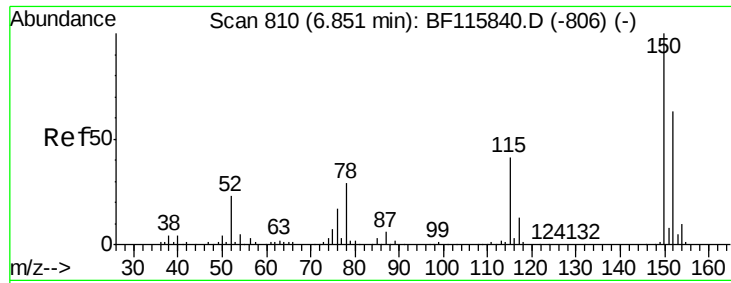
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
 Data File : BF116201.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	178738	59.179	ng	99
43) 2,4,6-Trichlorophenol	9.12	196	220061	46.184	ng	99
44) 2,4,5-Trichlorophenol	9.16	196	232771	47.259	ng	98
46) 1,1'-Biphenyl	9.29	154	906407	49.582	ng	98
47) 2-Chloronaphthalene	9.32	162	714229	46.942	ng	99
48) 2-Nitroaniline	9.42	65	225055	44.750	ng	97
49) Acenaphthylene	9.73	152	1077556	48.544	ng	99
50) Dimethylphthalate	9.59	163	842309	47.775	ng	100
51) 2,6-Dinitrotoluene	9.66	165	188324	49.151	ng	98
52) Acenaphthene	9.90	154	651252	47.823	ng	99
53) 3-Nitroaniline	9.83	138	84364	17.820	ng	98
54) 2,4-Dinitrophenol	9.95	184	145355	75.117	ng	97
55) Dibenzofuran	10.08	168	931137	47.018	ng	100
56) 4-Nitrophenol	10.01	139	232261	76.583	ng	96
57) 2,4-Dinitrotoluene	10.07	165	237780	46.611	ng	96
58) Fluorene	10.42	166	761302	49.965	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.20	232	210289	50.747	ng	99
60) Diethylphthalate	10.29	149	826104	50.186	ng	99
61) 4-Chlorophenyl-phenylether	10.41	204	379538	49.184	ng	99
62) 4-Nitroaniline	10.45	138	209081	42.734	ng	99
63) Azobenzene	10.57	77	845045	49.912	ng	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	117383	45.960	ng	89
66) n-Nitrosodiphenylamine	10.53	169	682800	47.069	ng	99
67) 4-Bromophenyl-phenylether	10.90	248	240052	46.528	ng	99
68) Hexachlorobenzene	10.97	284	272366	45.654	ng	98
69) Atrazine	11.06	200	227871	47.749	ng	98
70) Pentachlorophenol	11.17	266	257419	88.874	ng	97
71) Phenanthrene	11.39	178	1153316	46.809	ng	100
72) Anthracene	11.44	178	1203819	48.278	ng	99
73) Carbazole	11.59	167	1127092	49.822	ng	100
74) Di-n-butylphthalate	11.91	149	1410465	53.447	ng	99
75) Fluoranthene	12.57	202	1304832	50.586	ng	98
77) Benzidine	12.70	184	95278	7.305	ng	98
78) Pyrene	12.80	202	1322413	45.443	ng	99
80) Butylbenzylphthalate	13.41	149	634422	51.539	ng	99
81) Benzo(a)anthracene	13.99	228	1153990	46.769	ng	100
82) 3,3'-Dichlorobenzidine	13.95	252	159748	18.635	ng	98
83) Chrysene	14.03	228	1124350	46.936	ng	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	922205	57.652	ng	99
85) Di-n-octyl phthalate	14.57	149	1503259	59.165	ng	99
86) Indeno(1,2,3-cd)pyrene	16.95	276	1019210	50.657	ng	99
88) Benzo(b)fluoranthene	15.04	252	1102452	49.110	ng	98
89) Benzo(k)fluoranthene	15.07	252	951147	43.500	ng	98
90) Benzo(a)pyrene	15.41	252	976336	48.653	ng	99
91) Dibenzo(a,h)anthracene	16.95	278	867213	49.925	ng	99
92) Benzo(g,h,i)perylene	17.39	276	853856	50.052	ng	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

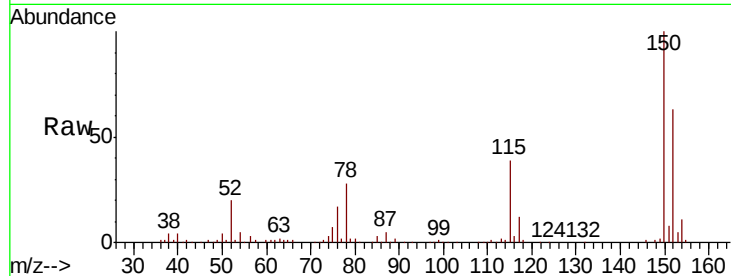


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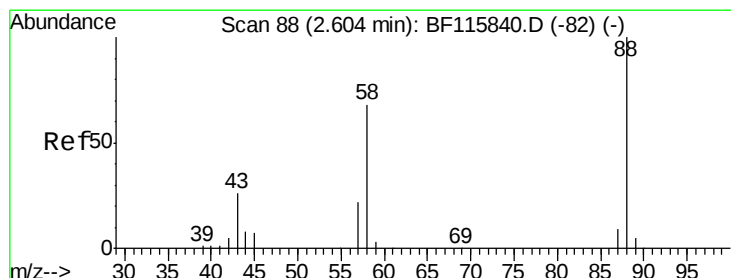
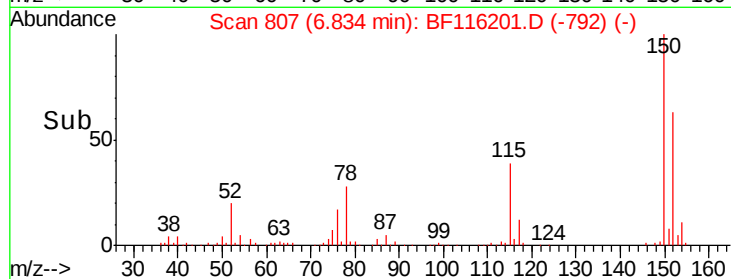
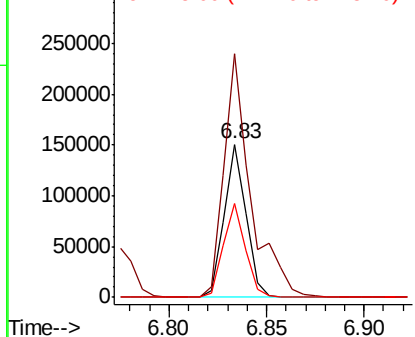
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF116201.D
 Acq: 12 Aug 2019 20:58

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-080919-AMSD

Tot Ion:152 Resp: 116854
 Ion Ratio Lower Upper
 152 100
 150 158.8 126.2 189.2
 115 61.6 49.9 74.9



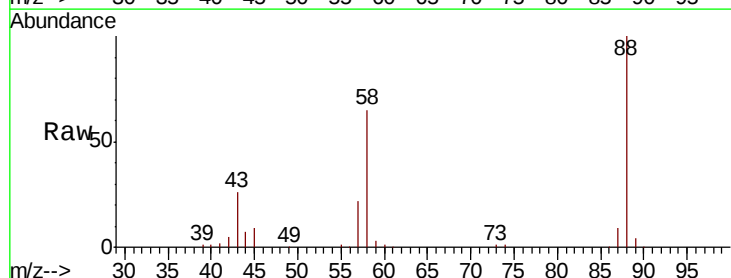
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



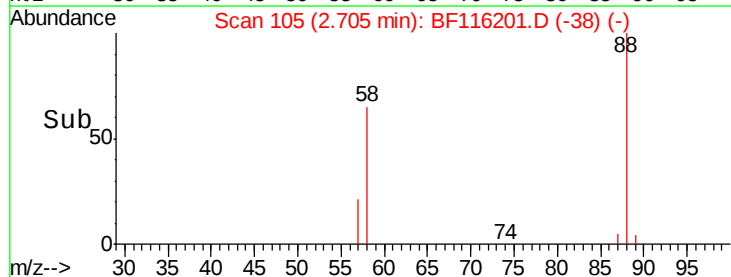
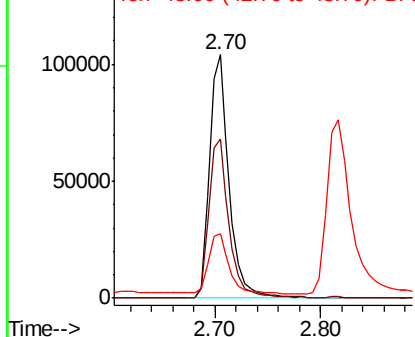
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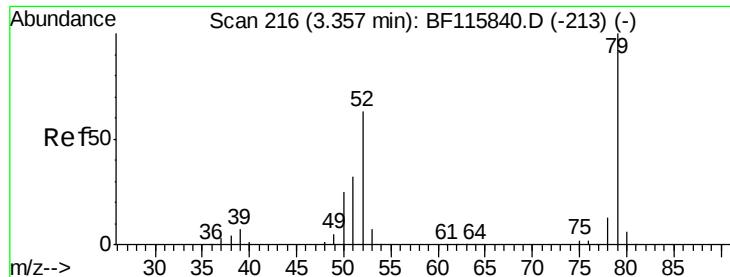
1,4-Dioxane
 Concen: 38.207 ng
 RT: 2.70 min Scan# 105
 Delta R.T. 0.09 min
 Lab File: BF116201.D
 Acq: 12 Aug 2019 20:58

Tgt Ion: 88 Resp: 134733
 Ion Ratio Lower Upper
 88 100
 58 67.4 53.7 80.5
 43 0.0 21.0 31.4#



Abundance Ion 88.00 (87.70 to 88.70): BF1
 Ion 58.00 (57.70 to 58.70): BF1
 Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 24.343 ng

RT: 3.45 min Scan# 232

Delta R.T. 0.09 min

Lab File: BF116201.D

Acq: 12 Aug 2019 20:58

Instrument :

BNA_F

ClientSampleId :

HR-05-080919-AMSD

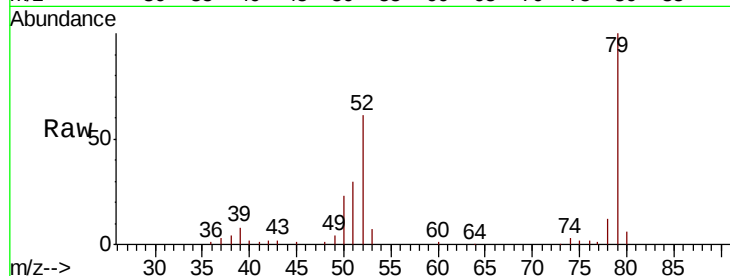
Tot Ion: 79 Resp: 239794

Ion Ratio Lower Upper

79 100

52 60.8 49.8 74.8

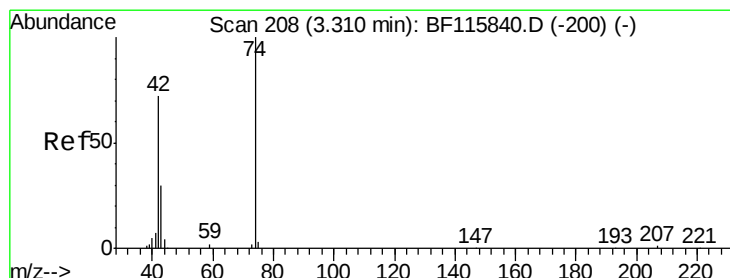
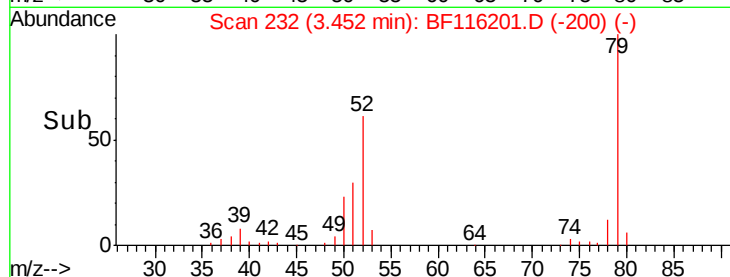
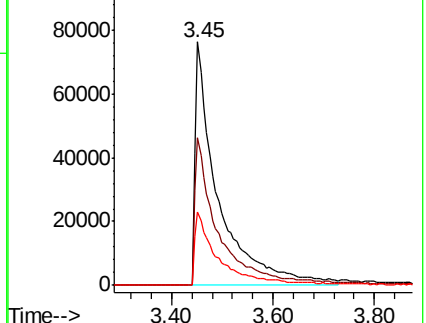
51 30.2 25.2 37.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 39.648 ng

RT: 3.36 min Scan# 217

Delta R.T. 0.03 min

Lab File: BF116201.D

Acq: 12 Aug 2019 20:58

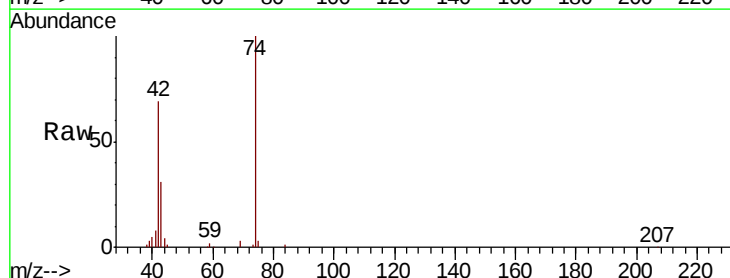
Tgt Ion: 42 Resp: 154128

Ion Ratio Lower Upper

42 100

74 144.1 116.0 174.0

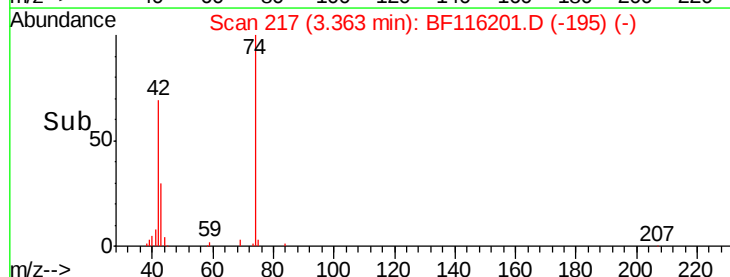
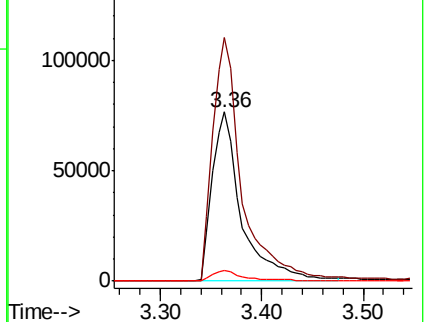
44 6.3 4.6 7.0

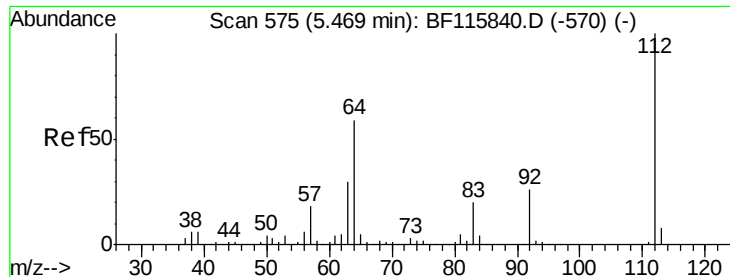


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 126.690 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF116201.D

Acq: 12 Aug 2019 20:58

Instrument :

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HR-05-080919-AMSD

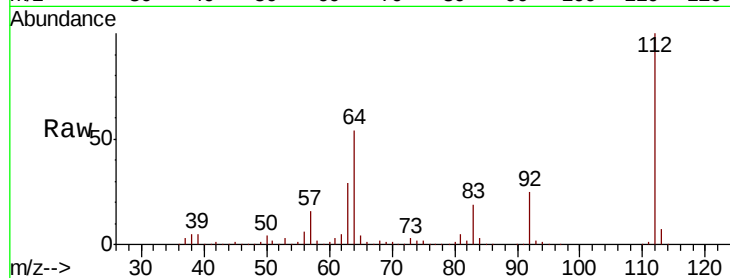
Tot Ion:112 Resp: 884333

Ion Ratio Lower Upper

112 100

64 54.5 45.4 68.2

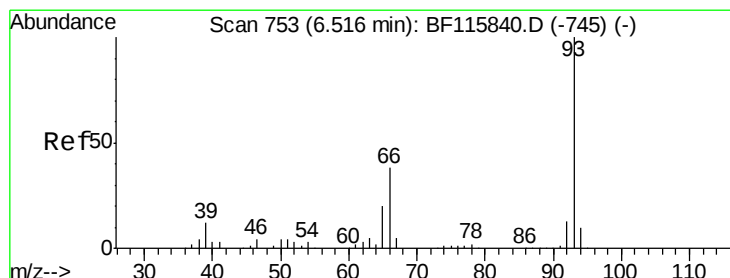
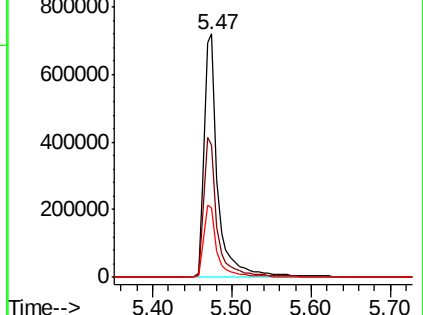
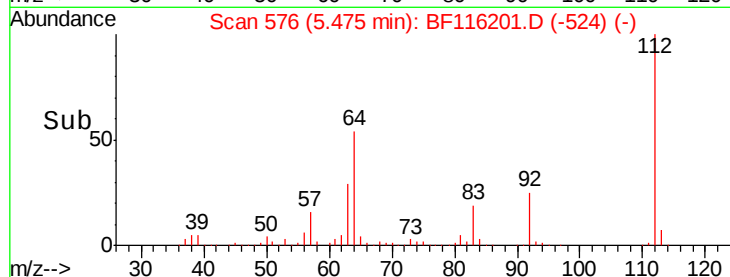
63 28.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 10.012 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF116201.D

Acq: 12 Aug 2019 20:58

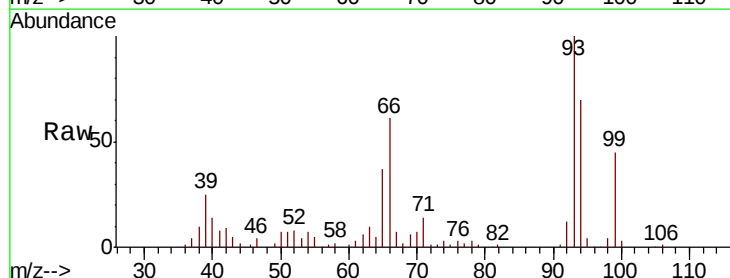
Tgt Ion: 93 Resp: 126270

Ion Ratio Lower Upper

93 100

66 61.1 32.2 48.4#

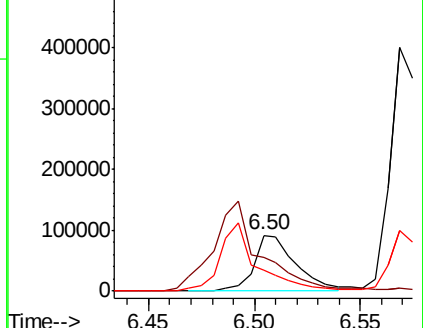
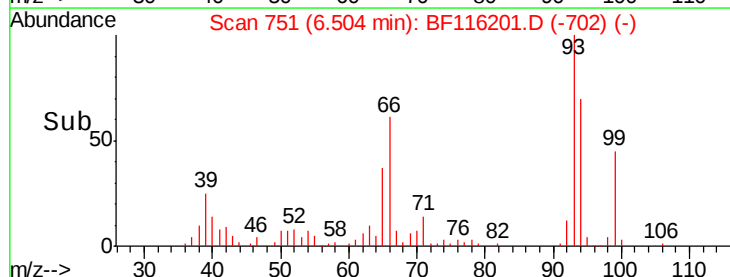
65 36.7 17.0 25.6#

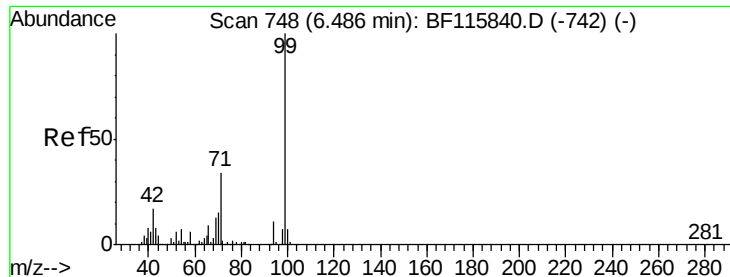


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 120.202 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116201.D

Acq: 12 Aug 2019 20:58

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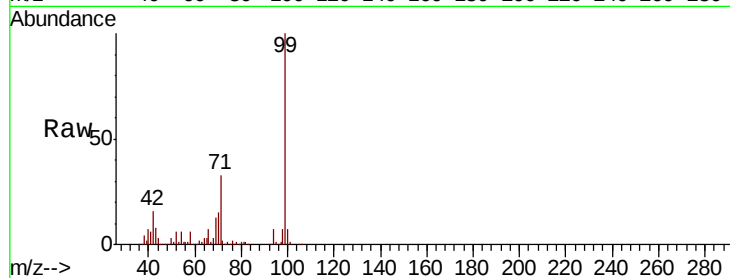
Tot Ion: 99 Resp: 1058599

Ion Ratio Lower Upper

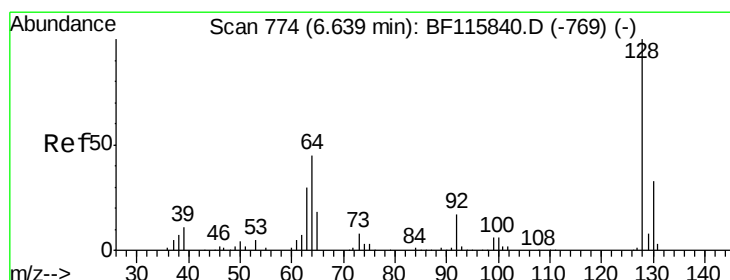
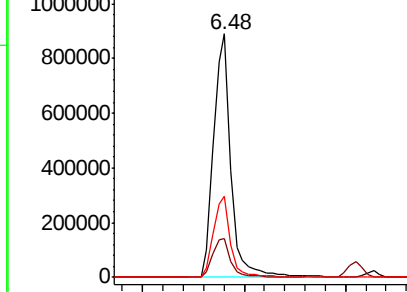
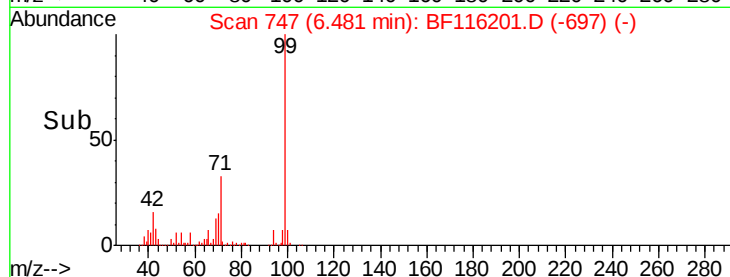
99 100

42 16.1 13.8 20.8

71 33.4 27.3 40.9



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 47.709 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF116201.D

Acq: 12 Aug 2019 20:58

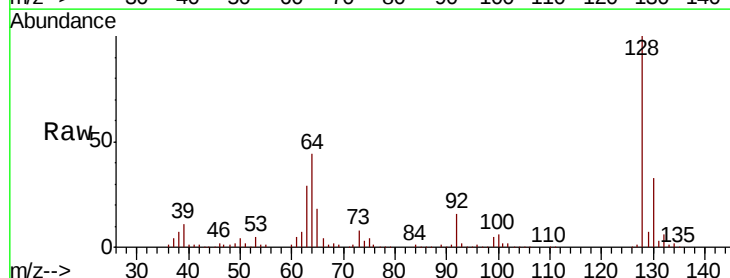
Tgt Ion: 128 Resp: 368252

Ion Ratio Lower Upper

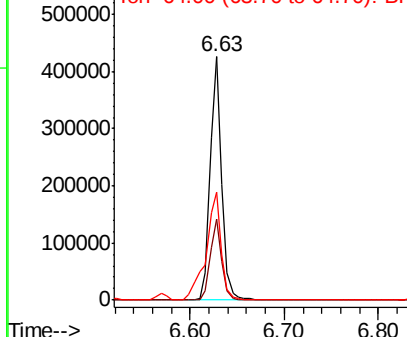
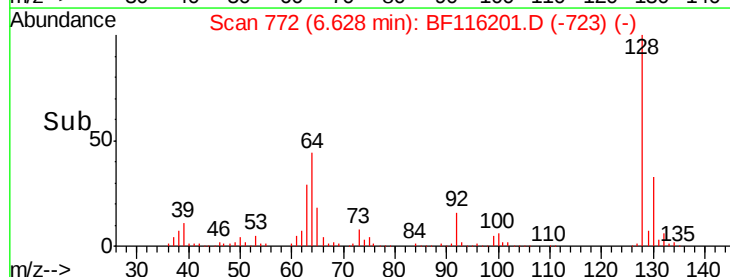
128 100

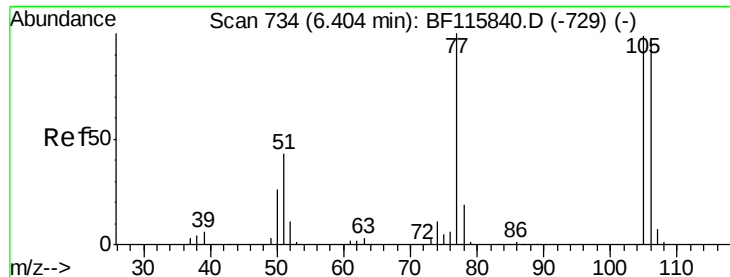
130 33.2 12.9 52.9

64 44.5 24.3 64.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 27.703 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF116201.D

Acq: 12 Aug 2019 20:58

Instrument :

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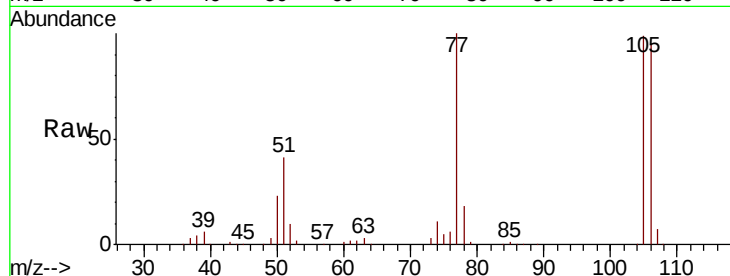
Tot Ion: 77 Resp: 168343

Ion Ratio Lower Upper

77 100

105 99.0 79.2 119.2

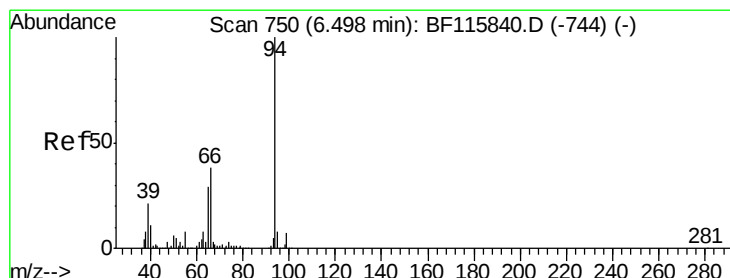
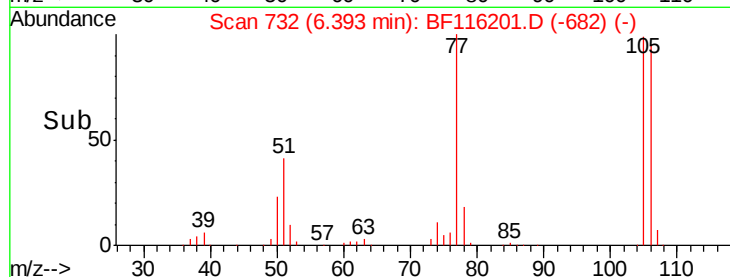
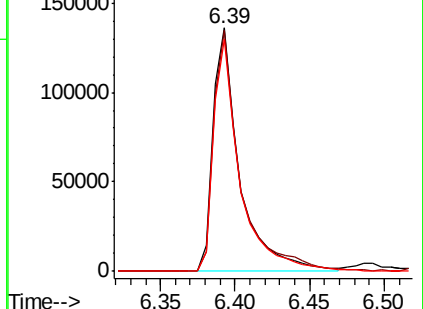
106 95.3 74.3 114.3



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 37.729 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF116201.D

Acq: 12 Aug 2019 20:58

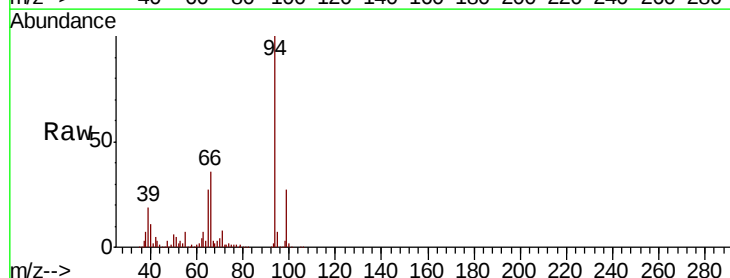
Tgt Ion: 94 Resp: 391282

Ion Ratio Lower Upper

94 100

65 27.3 16.8 56.8

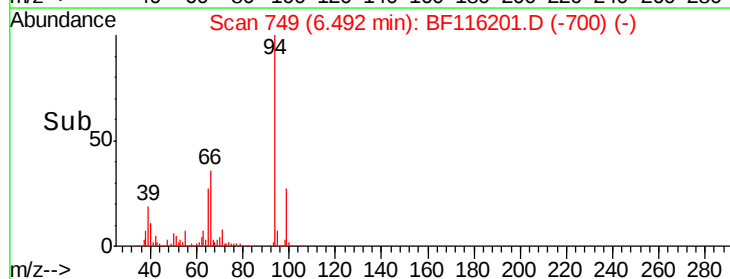
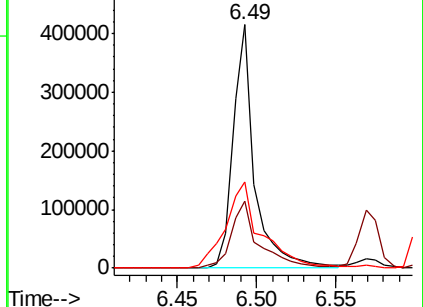
66 35.5 34.2 74.2

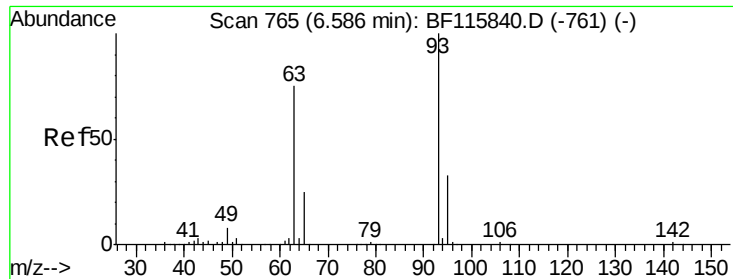


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

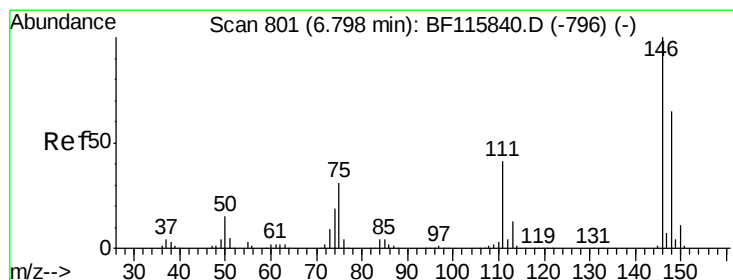
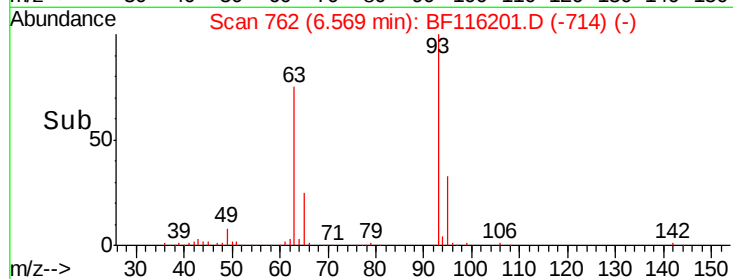
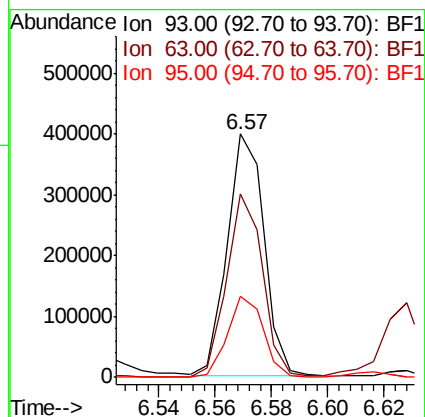
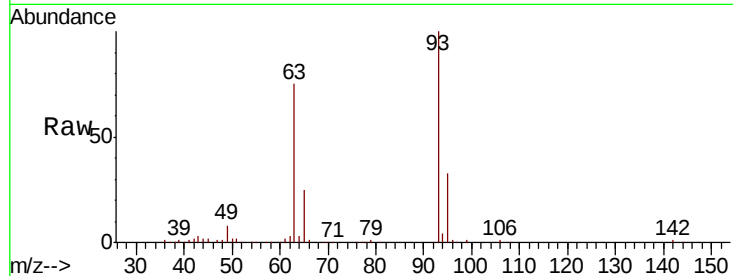




#11
 bis(2-Chloroethyl)ether
 Concen: 47.495 ng
 RT: 6.57 min Scan# 762
 Delta R.T. -0.02 min
 Lab File: BF116201.D
 Acq: 12 Aug 2019 20:58

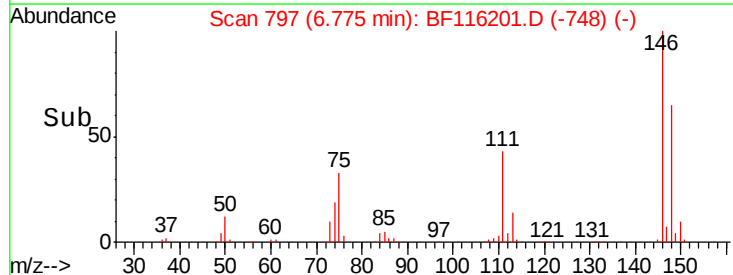
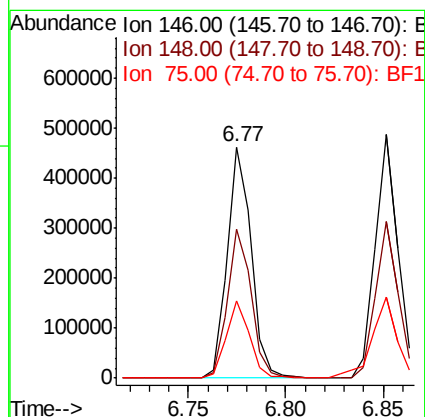
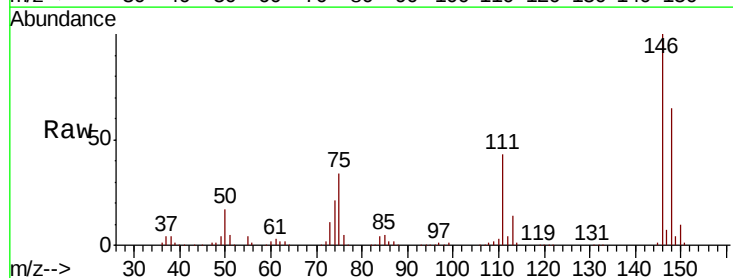
Instrument :
 BNA_F
 ClientSampleId :
 HR-05-080919-AMSD

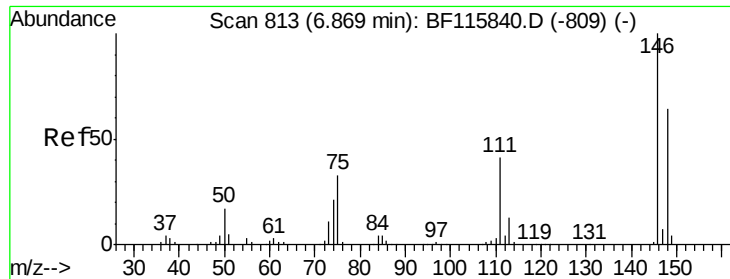
Tot Ion: 93 Resp: 362138
 Ion Ratio Lower Upper
 93 100
 63 75.2 51.9 91.9
 95 33.2 13.0 53.0



#12
 1,3-Dichlorobenzene
 Concen: 44.259 ng
 RT: 6.77 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BF116201.D
 Acq: 12 Aug 2019 20:58

Tgt Ion: 146 Resp: 394814
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.3 76.9
 75 33.5 27.4 41.2

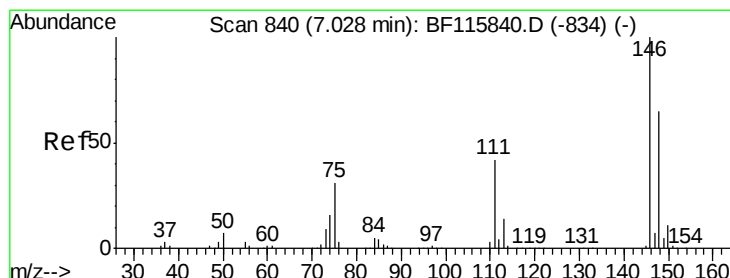
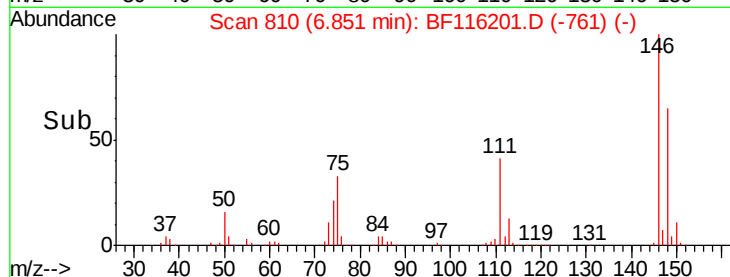
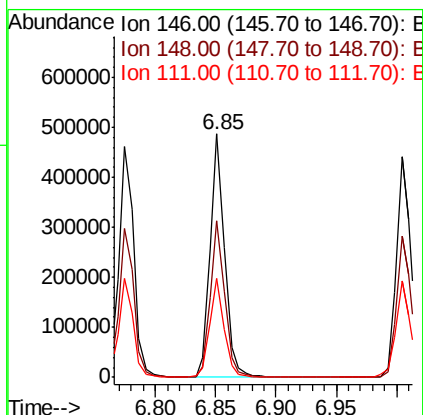
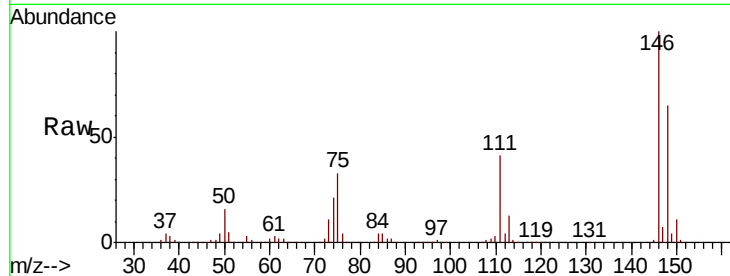




#13
 1,4-Dichlorobenzene
 Concen: 45.287 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF116201.D
 Acq: 12 Aug 2019 20:58

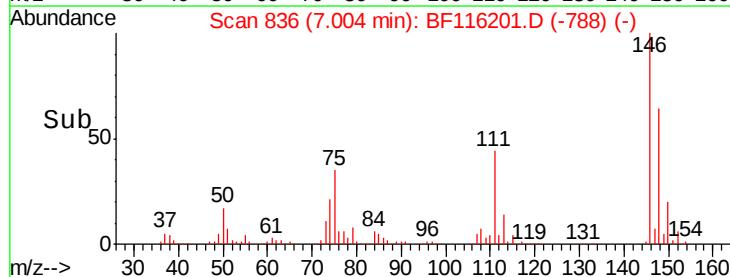
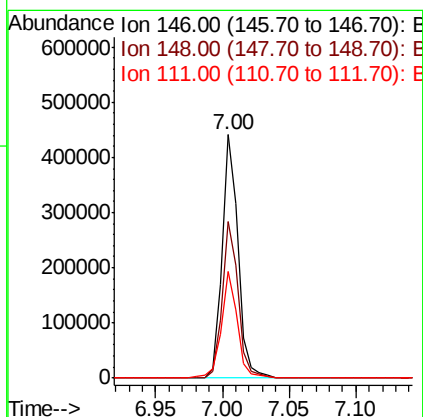
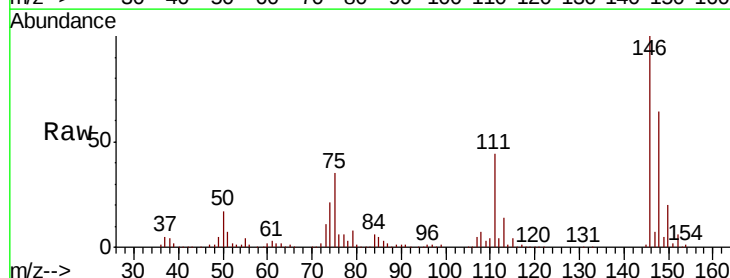
Instrument :
 BNA_F
 ClientSampleId :
 HR-05-080919-AMSD

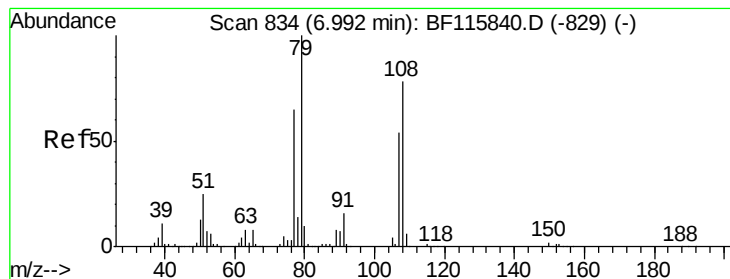
Tot Ion:146 Resp: 404498
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.3 76.9
 111 40.6 34.0 51.0



#14
 1,2-Dichlorobenzene
 Concen: 45.485 ng
 RT: 7.00 min Scan# 836
 Delta R.T. -0.02 min
 Lab File: BF116201.D
 Acq: 12 Aug 2019 20:58

Tgt Ion:146 Resp: 374085
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.2 76.8
 111 43.8 33.5 50.3





#15

Benzyl Alcohol

Concen: 46.043 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF116201.D

Acq: 12 Aug 2019 20:58

Instrument :

BNA_F

ClientSampleId :

HR-05-080919-AMSD

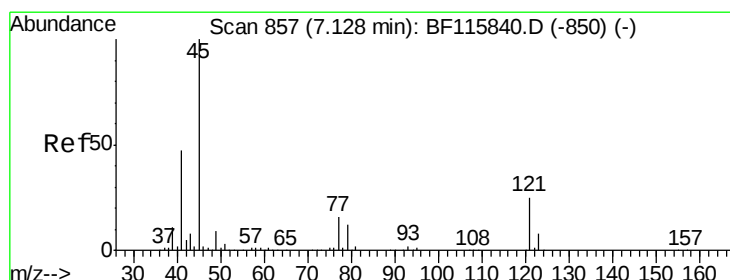
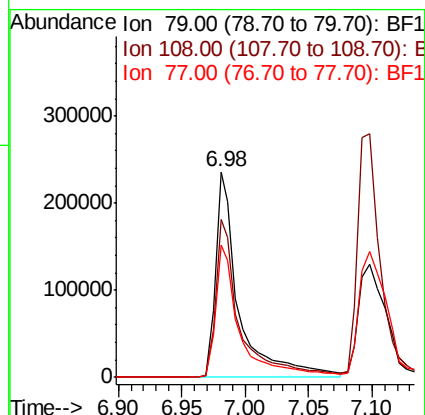
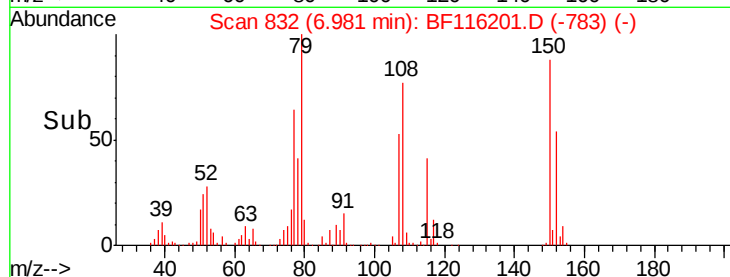
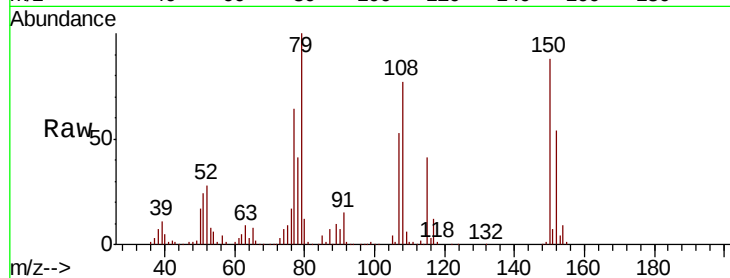
Tot Ion: 79 Resp: 307724

Ion Ratio Lower Upper

79 100

108 76.7 62.7 94.1

77 64.2 52.2 78.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 45.845 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF116201.D

Acq: 12 Aug 2019 20:58

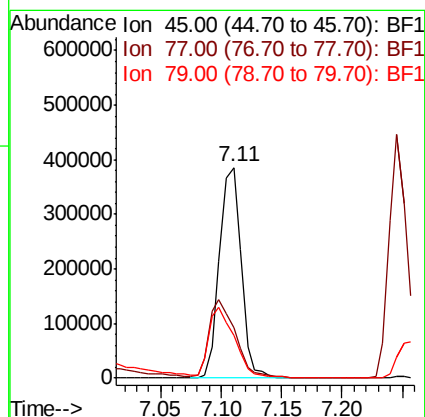
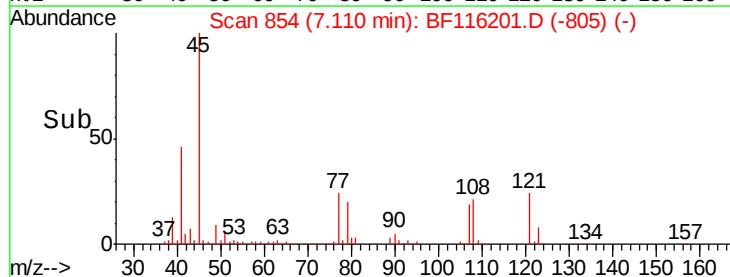
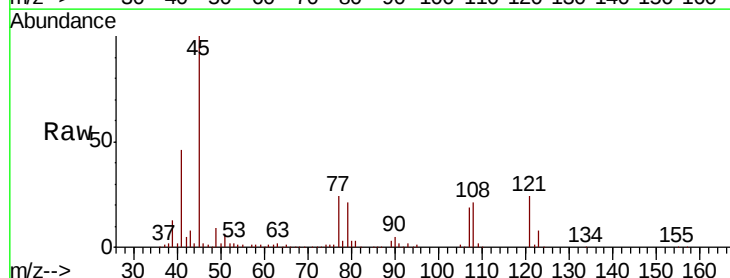
Tgt Ion: 45 Resp: 476796

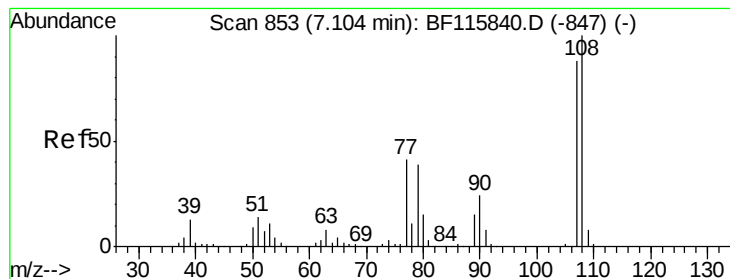
Ion Ratio Lower Upper

45 100

77 24.2 0.0 40.0

79 20.5 0.0 35.9





#17

2-Methylphenol

Concen: 46.733 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF116201.D

Acq: 12 Aug 2019 20:58

Instrument :

BNA_F

ClientSampleId :

HR-05-080919-AMSD

Tot Ion:107 Resp: 305441

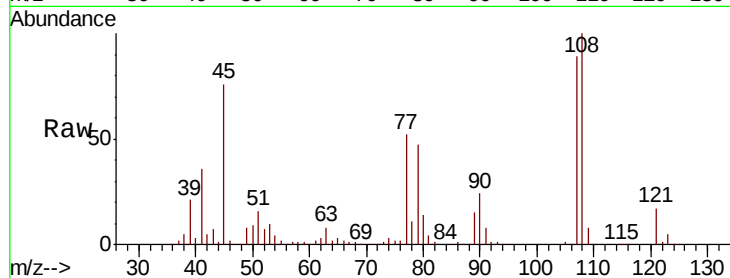
Ion Ratio Lower Upper

107 100

108 112.0 91.2 136.8

77 57.8 40.3 60.5

79 52.3 37.6 56.4

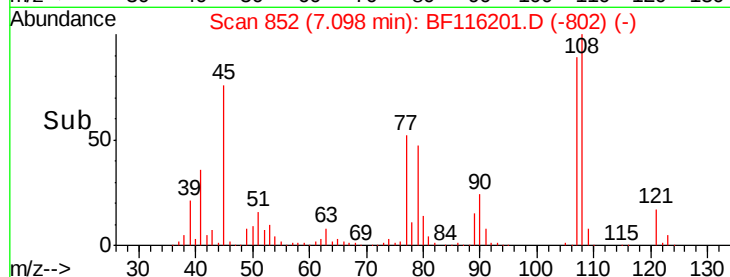


Abundance Ion 107.00 (106.70 to 107.70): E

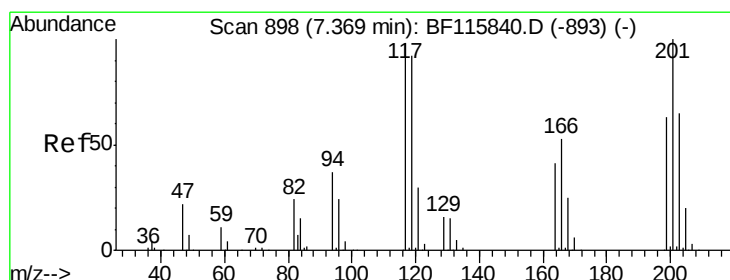
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



Time-->



#18

Hexachloroethane

Concen: 44.966 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.02 min

Lab File: BF116201.D

Acq: 12 Aug 2019 20:58

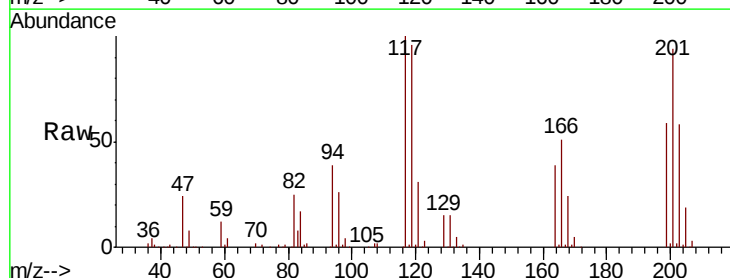
Tgt Ion:117 Resp: 147869

Ion Ratio Lower Upper

117 100

119 95.9 76.1 114.1

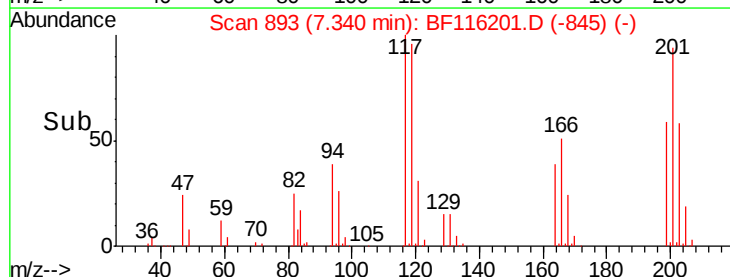
201 93.7 77.0 115.4



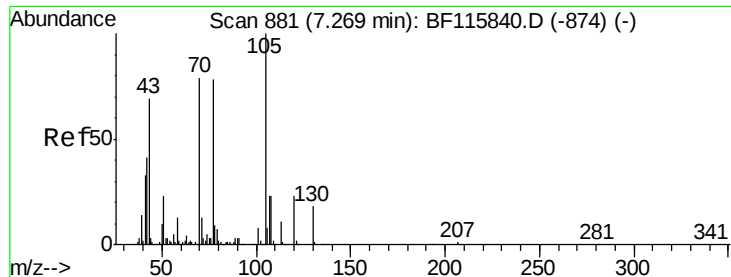
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



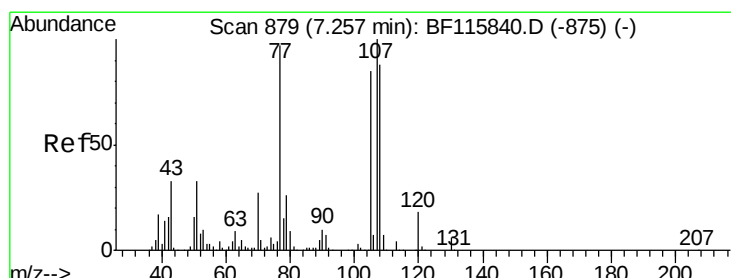
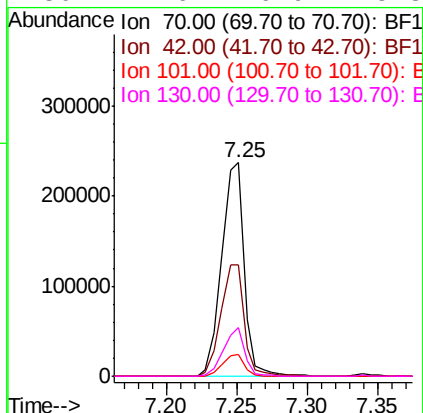
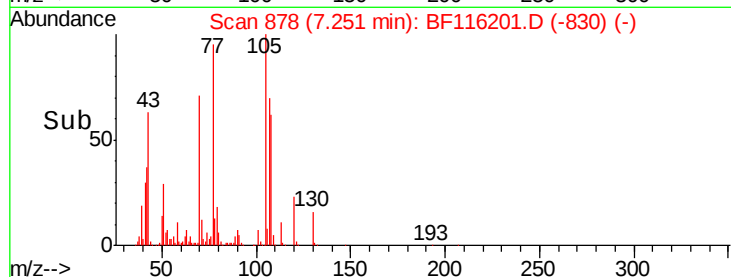
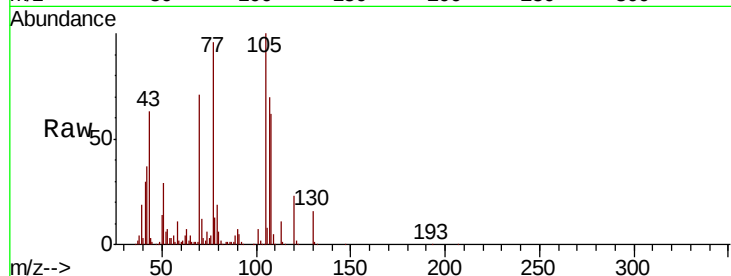
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 48.201 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

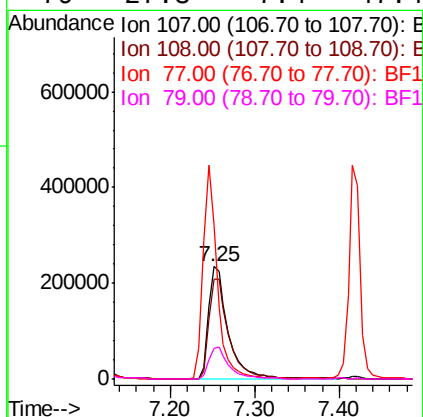
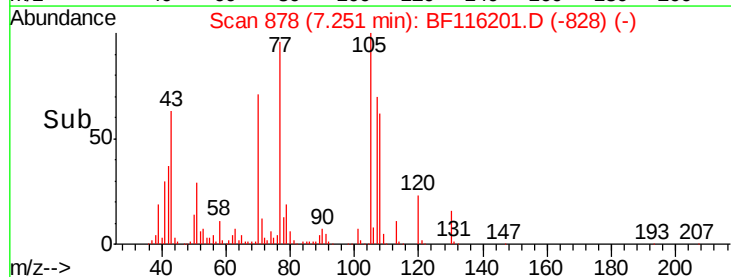
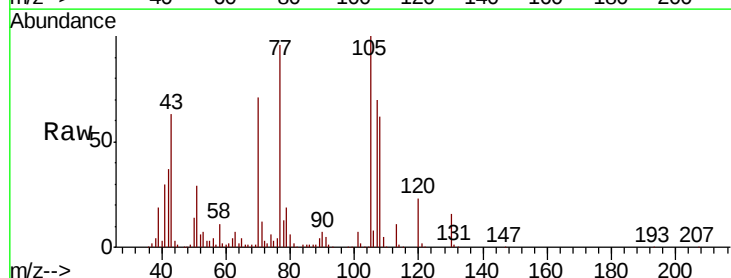
Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMSD

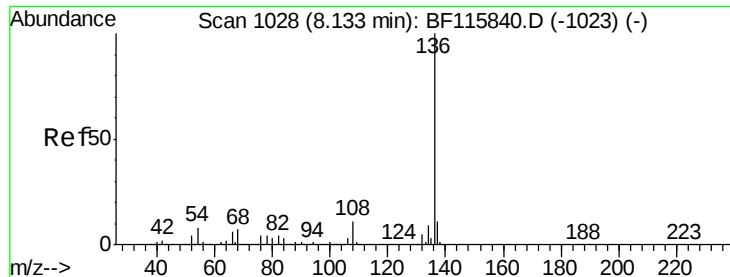
Tot Ion:	70	Resp:	263051
Ion	Ratio	Lower	Upper
70	100		
42	52.2	40.9	61.3
101	10.2	7.9	11.9
130	22.6	16.9	25.3



#20
3+4-Methylphenols
Concen: 49.138 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Tgt Ion:	107	Resp:	380053
Ion	Ratio	Lower	Upper
107	100		
108	88.5	67.6	107.6
77	136.6	104.4	144.4
79	27.3	7.4	47.4

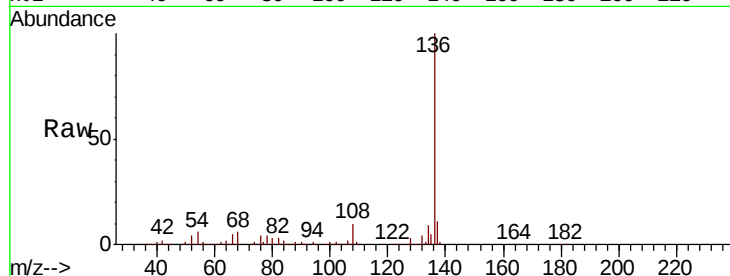




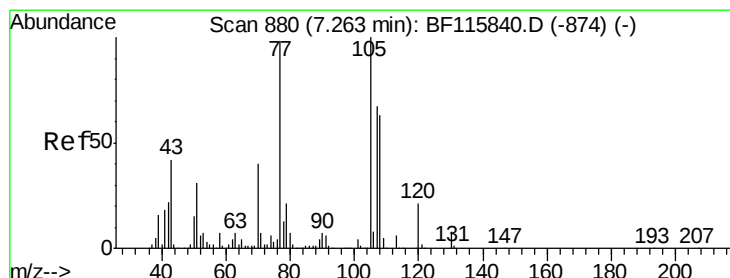
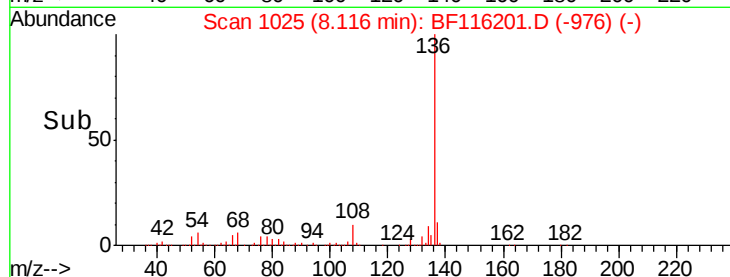
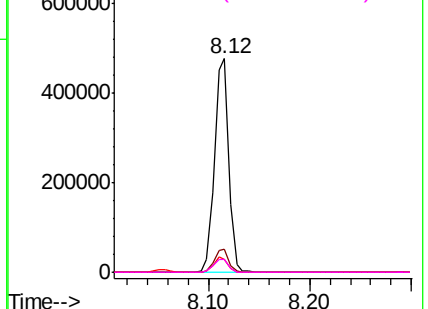
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMSD

Tot Ion:136	Resp:	464460	
Ion Ratio	Lower	Upper	
136 100			
137 10.7	9.0	13.4	
54 6.1	5.8	8.6	
68 6.0	5.2	7.8	

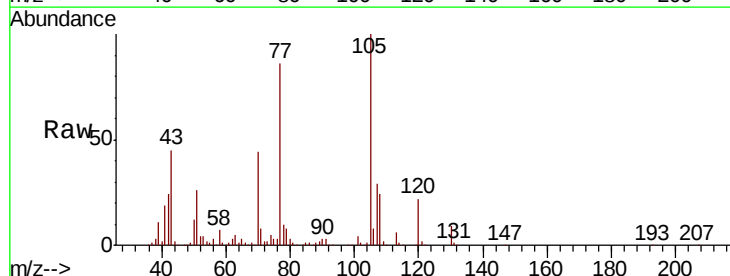


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

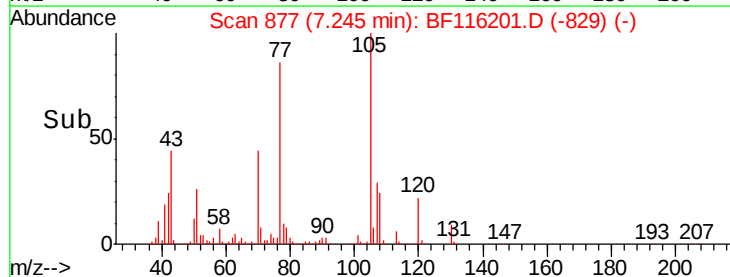
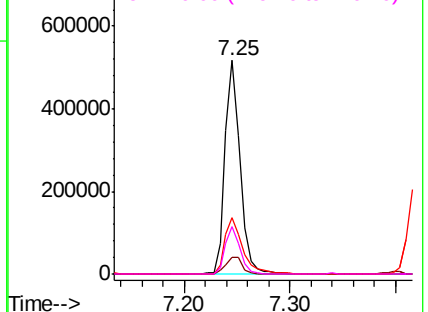


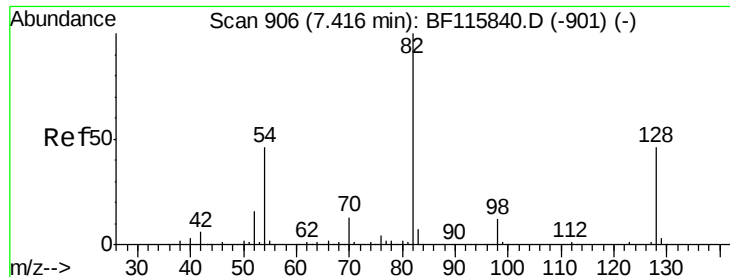
#22
Acetophenone
Concen: 50.590 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Tgt	Ion:105	Resp:	515320
Ion	Ratio	Lower	Upper
105	100		
71	7.5	5.9	8.9
51	26.3	25.3	37.9
120	22.1	17.9	26.9



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

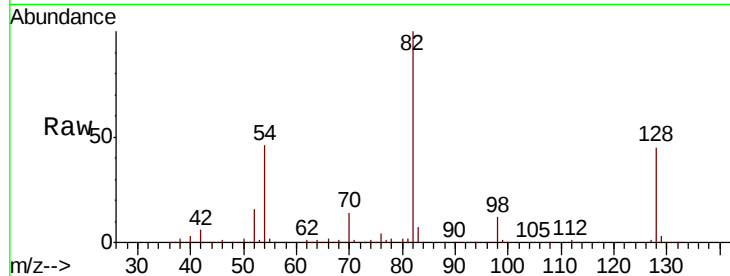




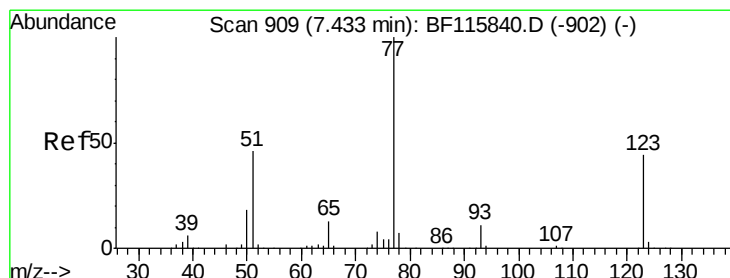
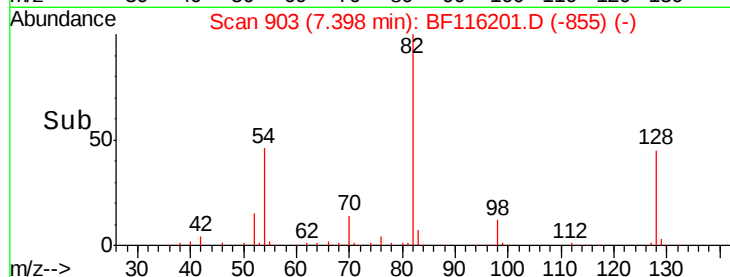
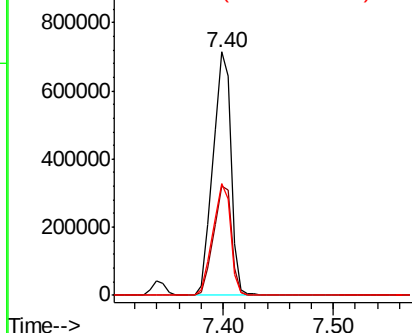
#23
 Nitrobenzene-d5
 Concen: 99.726 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.02 min
 Lab File: BF116201.D
 Acq: 12 Aug 2019 20:58

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-080919-AMSD

Tot Ion: 82 Resp: 802431
 Ion Ratio Lower Upper
 82 100
 128 44.8 36.5 54.7
 54 46.1 36.0 54.0

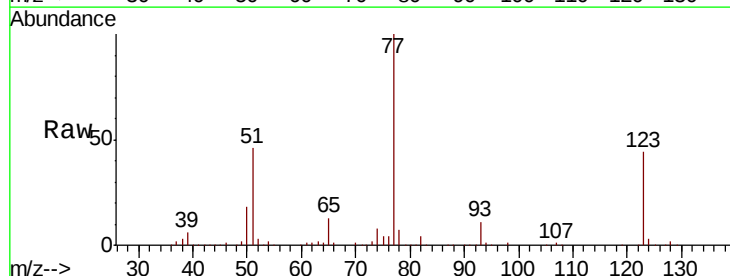


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

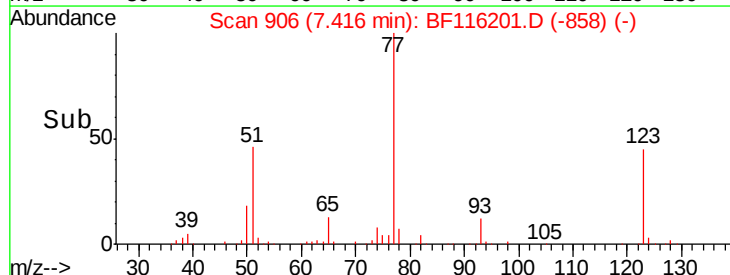
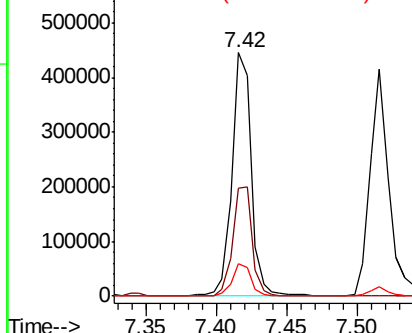


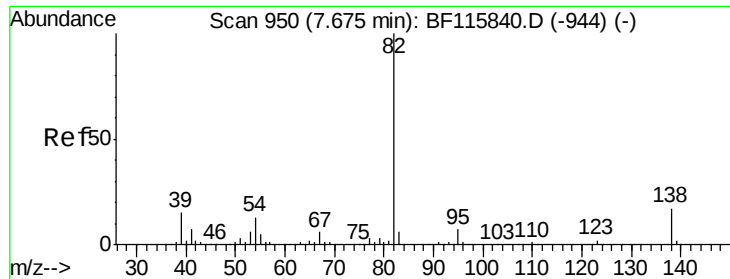
#24
 Nitrobenzene
 Concen: 48.036 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.02 min
 Lab File: BF116201.D
 Acq: 12 Aug 2019 20:58

Tgt Ion: 77 Resp: 417342
 Ion Ratio Lower Upper
 77 100
 123 44.2 36.7 55.1
 65 13.2 10.6 16.0



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 49.834 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.02 min

Lab File: BF116201.D

Acq: 12 Aug 2019 20:58

Instrument :

BNA_F

ClientSampleId :

HR-05-080919-AMSD

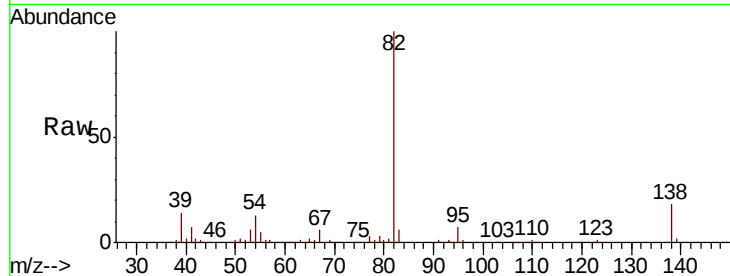
Tot Ion: 82 Resp: 766732

Ion Ratio Lower Upper

82 100

95 7.0 5.4 8.0

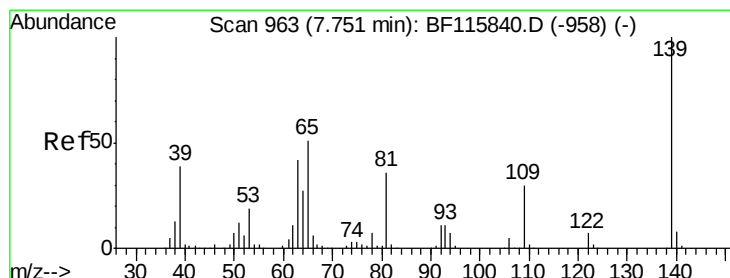
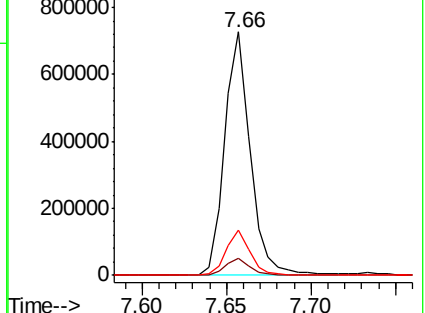
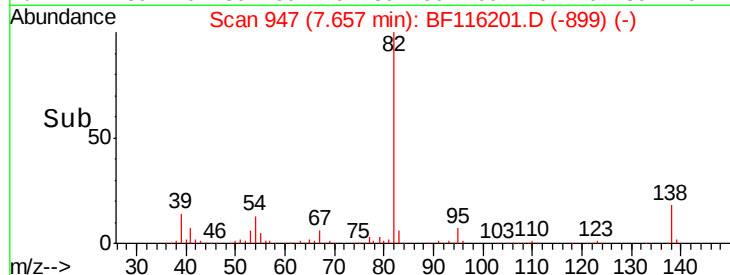
138 18.3 14.5 21.7



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 50.490 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF116201.D

Acq: 12 Aug 2019 20:58

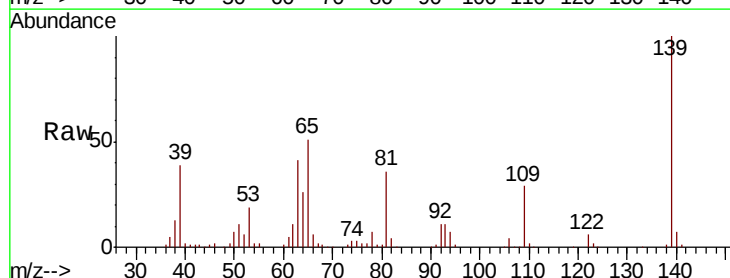
Tgt Ion: 139 Resp: 206781

Ion Ratio Lower Upper

139 100

109 29.2 23.4 35.2

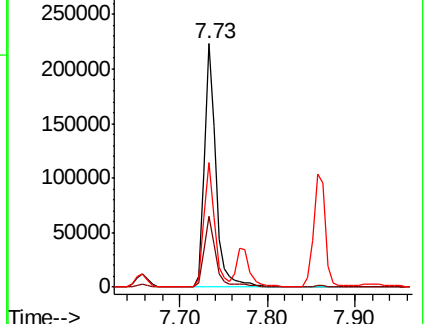
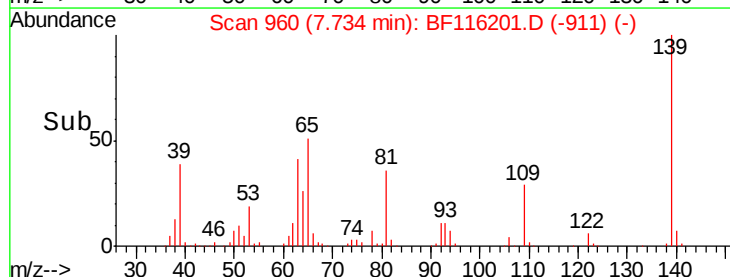
65 51.2 41.1 61.7

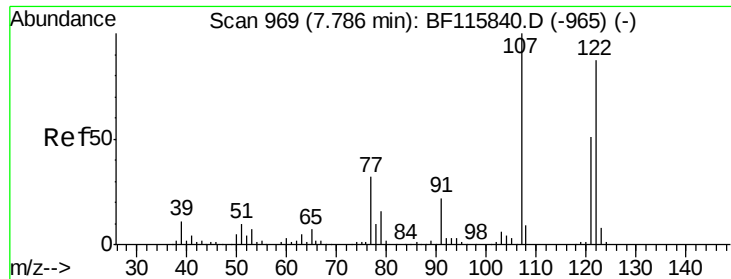


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 54.824 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF116201.D

Acq: 12 Aug 2019 20:58

Instrument :

BNA_F

ClientSampleId :

HR-05-080919-AMSD

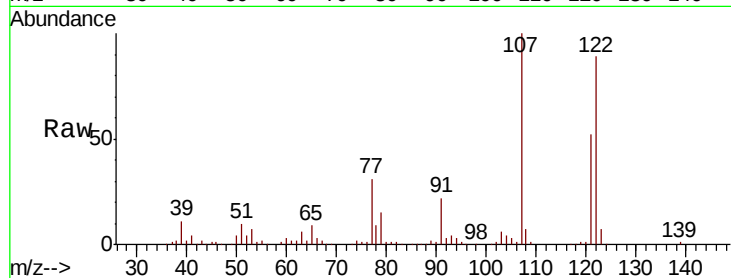
Tot Ion:122 Resp: 337799

Ion Ratio Lower Upper

122 100

107 112.1 93.0 139.6

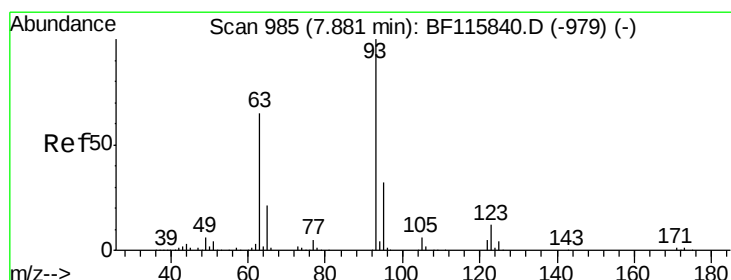
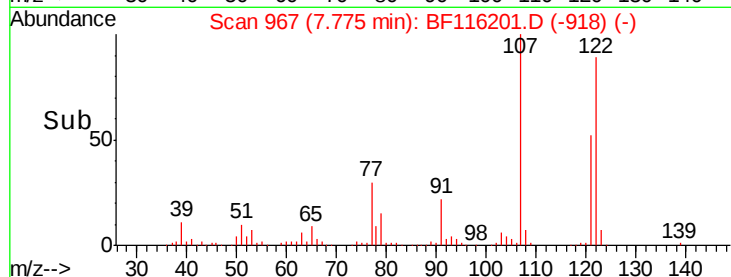
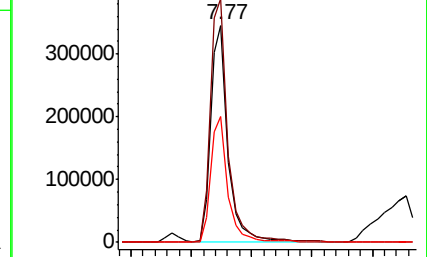
121 57.9 47.6 71.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 49.208 ng

RT: 7.86 min Scan# 981

Delta R.T. -0.02 min

Lab File: BF116201.D

Acq: 12 Aug 2019 20:58

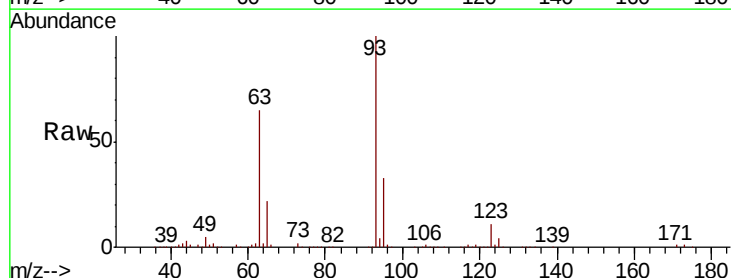
Tgt Ion: 93 Resp: 469262

Ion Ratio Lower Upper

93 100

95 32.9 26.2 39.4

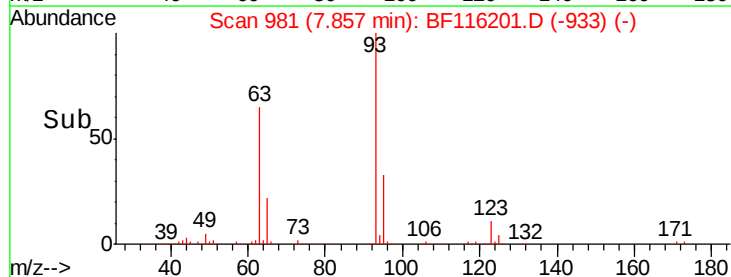
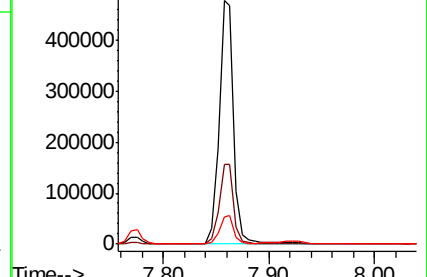
123 11.2 9.2 13.8

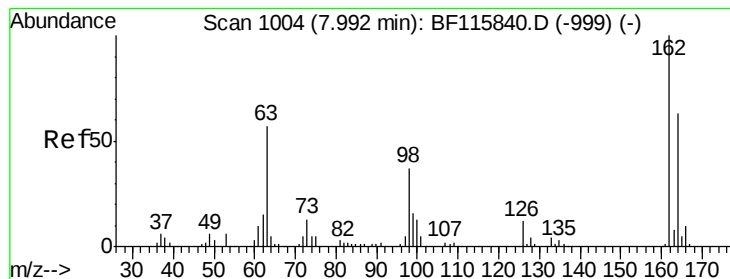


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 51.235 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF116201.D

Acq: 12 Aug 2019 20:58

Instrument :

BNA_F

ClientSampleId :

HR-05-080919-AMSD

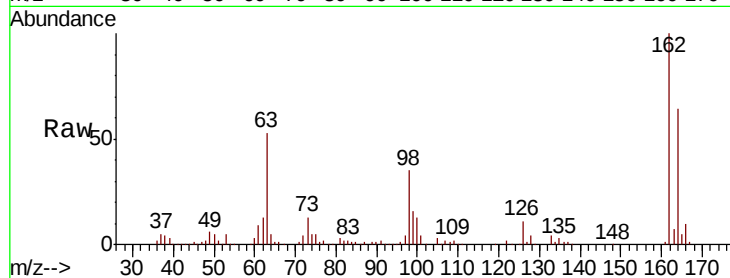
Tot Ion:162 Resp: 333325

Ion Ratio Lower Upper

162 100

164 63.9 45.1 85.1

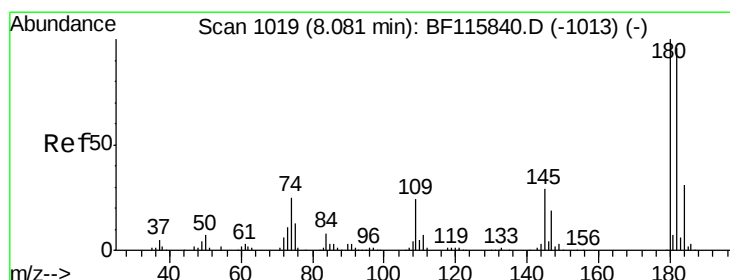
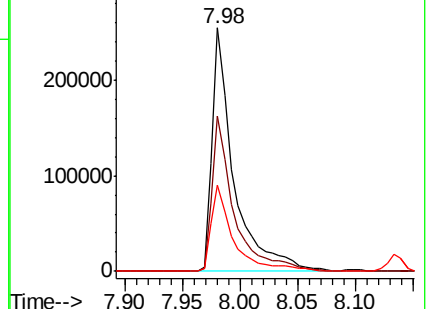
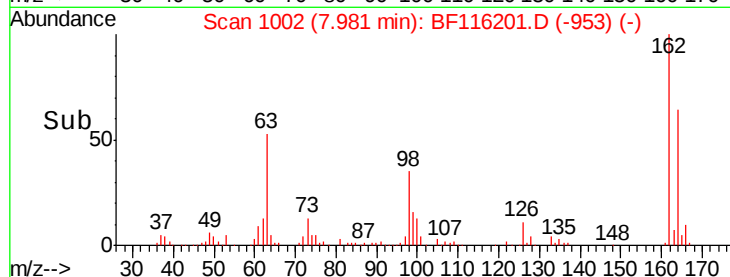
98 35.4 15.8 55.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 46.980 ng

RT: 8.06 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BF116201.D

Acq: 12 Aug 2019 20:58

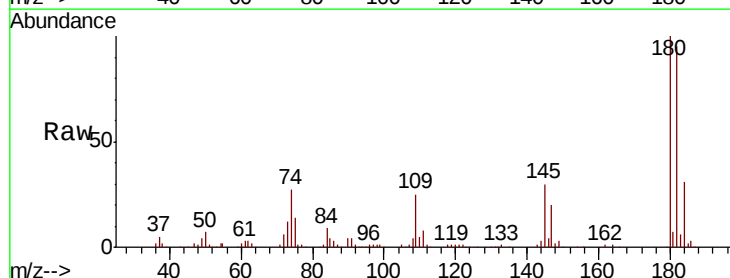
Tgt Ion:180 Resp: 348399

Ion Ratio Lower Upper

180 100

182 95.3 75.7 113.5

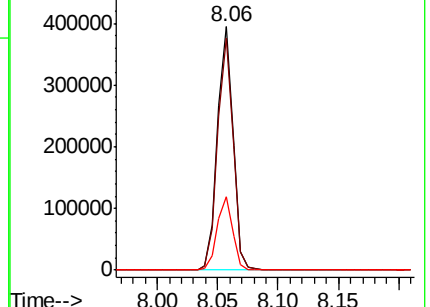
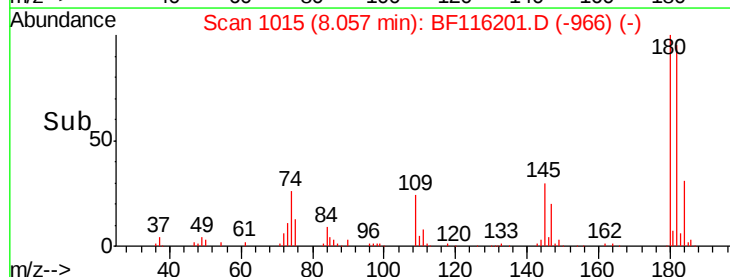
145 29.9 24.3 36.5

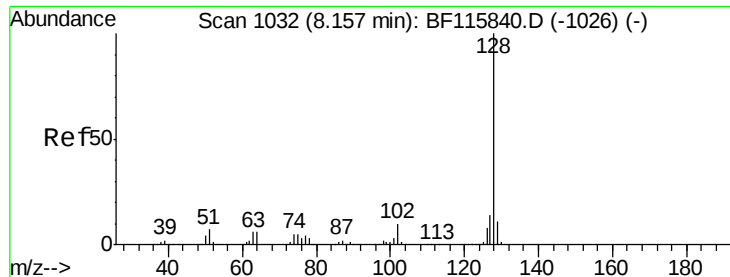


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

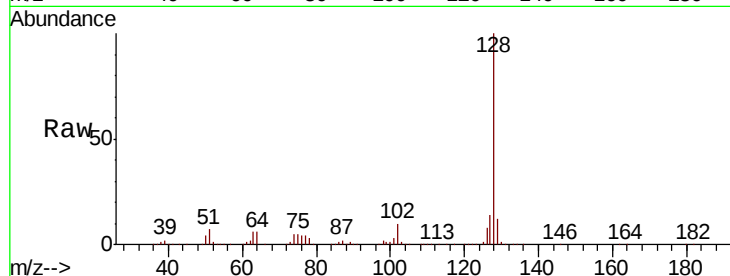




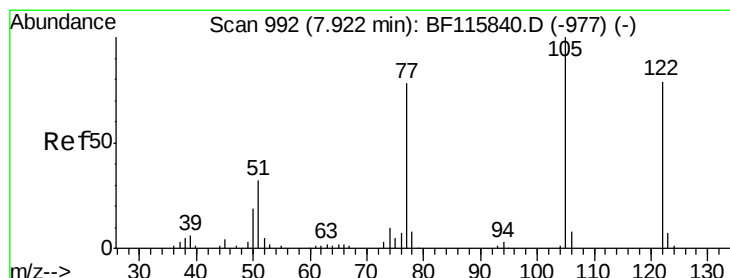
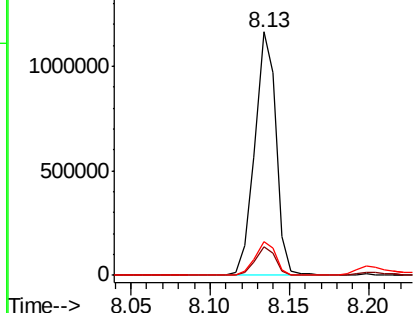
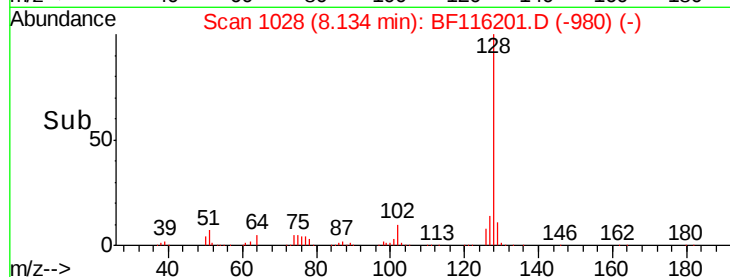
#31
Naphthalene
Concen: 49.859 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMSD

Tot Ion:128 Resp: 1089748
Ion Ratio Lower Upper
128 100
129 11.5 9.3 13.9
127 13.6 11.4 17.0

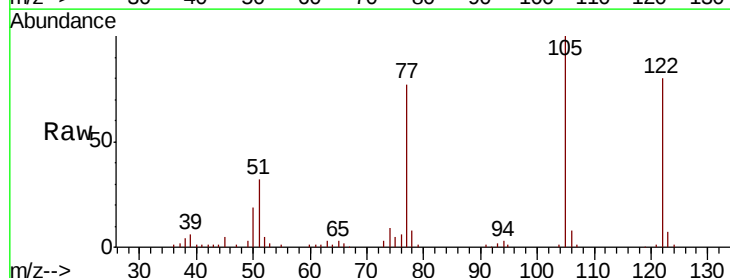


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

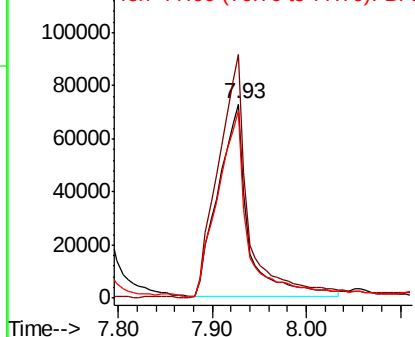
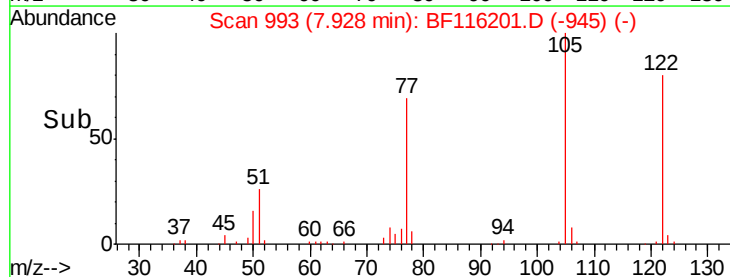


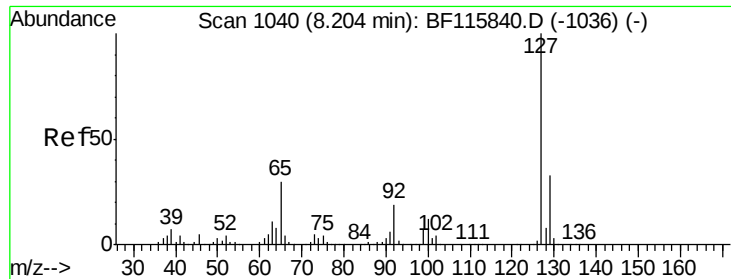
#32
Benzoic acid
Concen: 36.931 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.02 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Tgt Ion:122 Resp: 160430
Ion Ratio Lower Upper
122 100
105 125.5 106.1 146.1
77 96.6 76.7 116.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

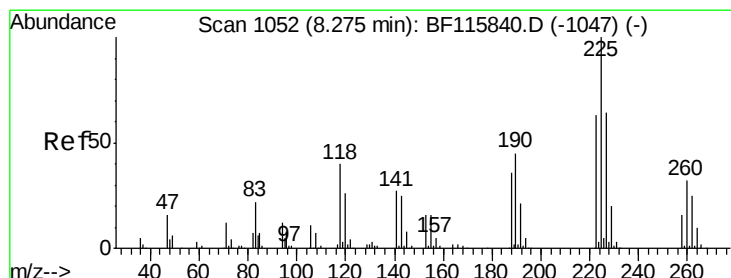
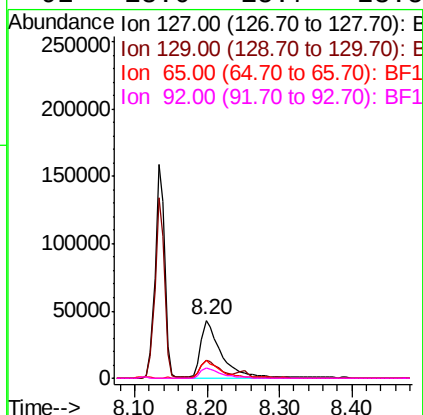
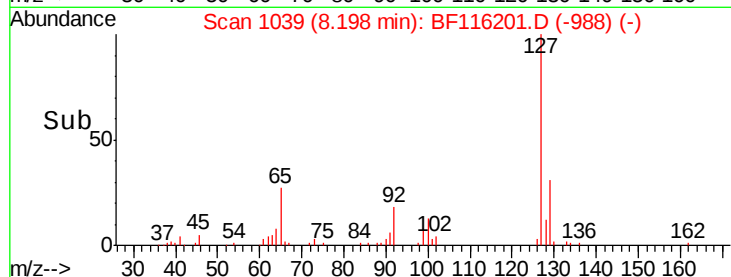
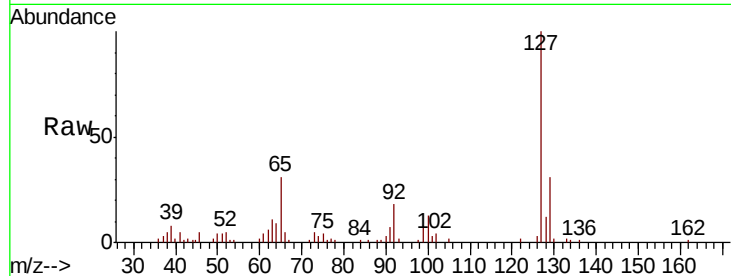




#33
4-Chloroaniline
Concen: 8.726 ng
RT: 8.20 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

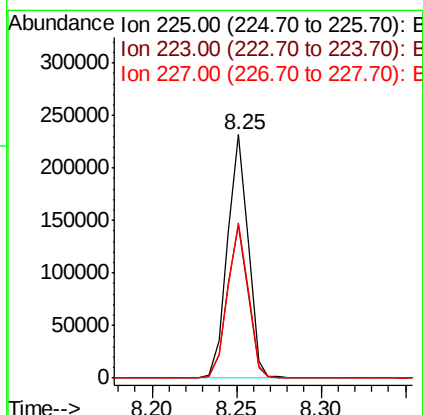
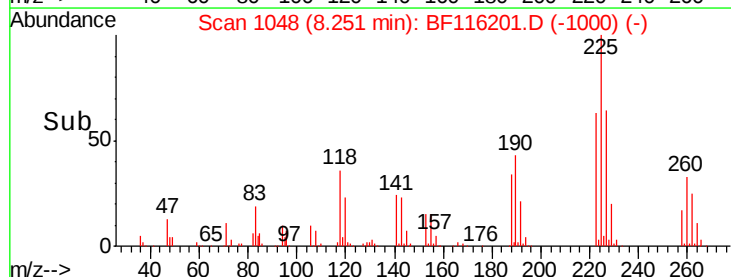
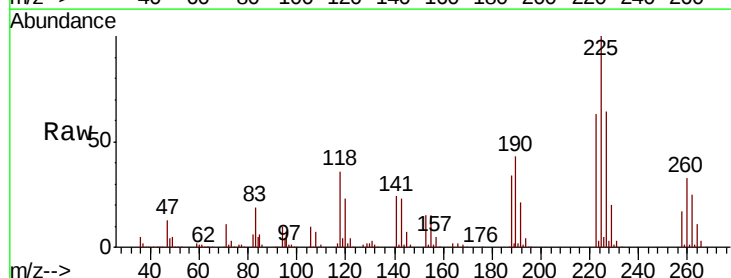
Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMSD

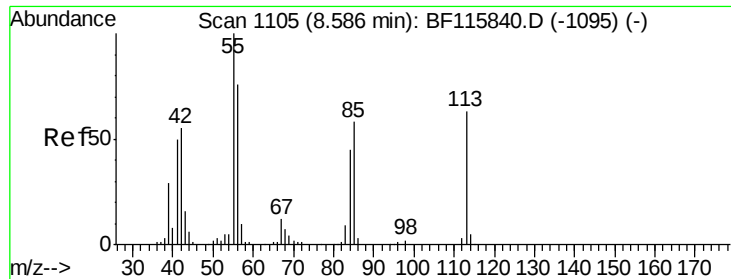
Tot Ion:	127	Resp:	85215
Ion	Ratio	Lower	Upper
127	100		
129	31.2	26.1	39.1
65	31.0	24.9	37.3
92	18.0	15.7	23.5



#34
Hexachlorobutadiene
Concen: 46.024 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Tgt Ion:	225	Resp:	196593
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.0	75.0
227	63.6	51.0	76.4

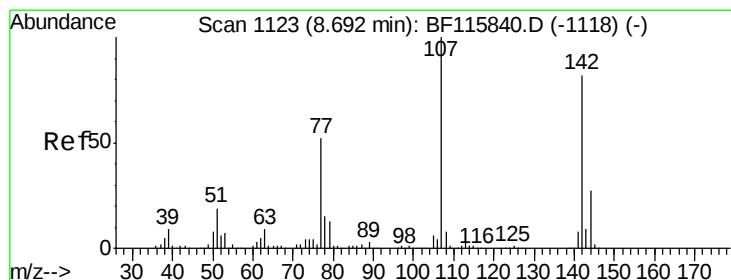
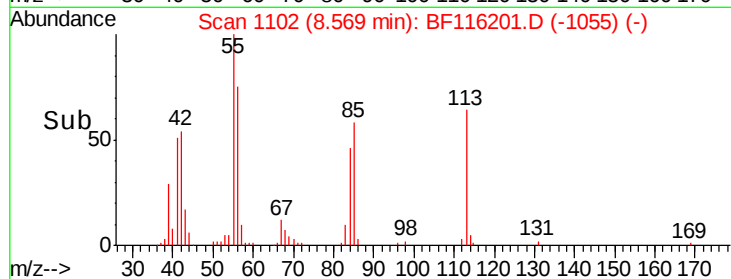
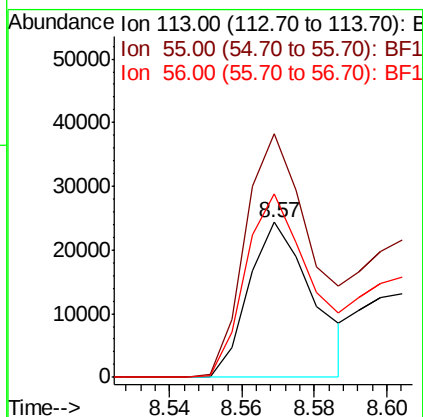
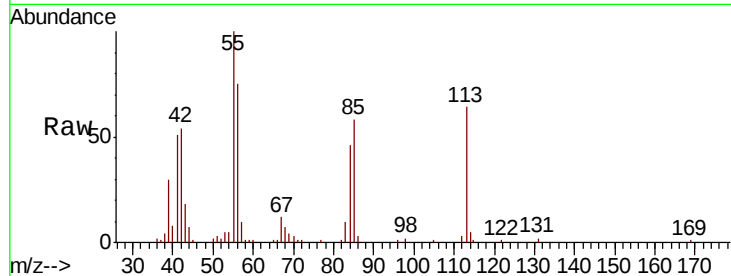




#35
 Caprolactam
 Concen: 14.119 ng
 RT: 8.57 min Scan# 1102
 Delta R.T. -0.02 min
 Lab File: BF116201.D
 Acq: 12 Aug 2019 20:58

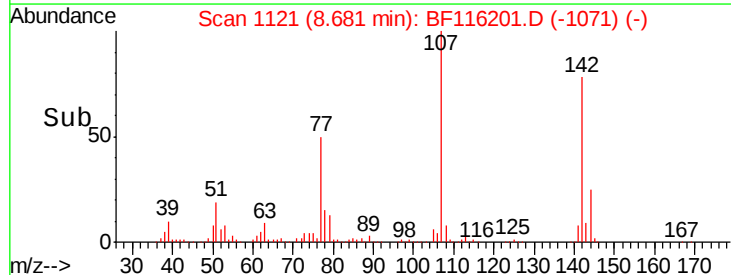
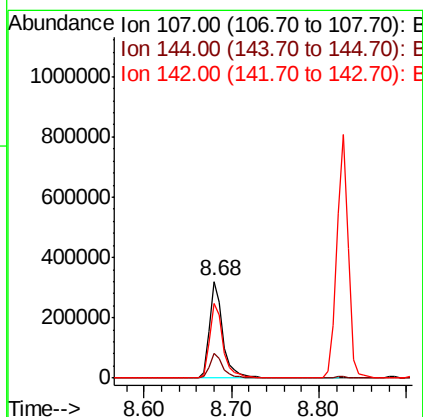
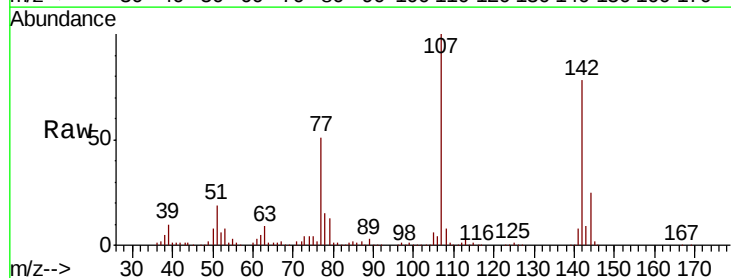
Instrument :
 BNA_F
 ClientSampleId :
 HR-05-080919-AMSD

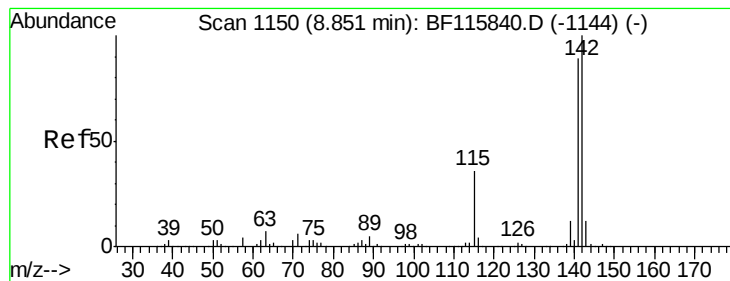
Tot Ion:113 Resp: 29708
 Ion Ratio Lower Upper
 113 100
 55 157.3 144.3 184.3
 56 118.4 97.1 137.1



#36
 4-Chloro-3-methylphenol
 Concen: 50.564 ng
 RT: 8.68 min Scan# 1121
 Delta R.T. -0.01 min
 Lab File: BF116201.D
 Acq: 12 Aug 2019 20:58

Tgt Ion:107 Resp: 342223
 Ion Ratio Lower Upper
 107 100
 144 25.1 20.2 30.2
 142 77.5 61.7 92.5





#37

2-Methylnaphthalene

Concen: 50.958 ng

RT: 8.83 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BF116201.D

Acq: 12 Aug 2019 20:58

Instrument :

BNA_F

ClientSampleId :

HR-05-080919-AMSD

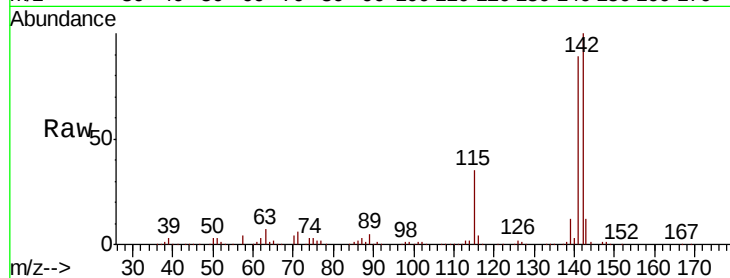
Tot Ion:142 Resp: 733513

Ion Ratio Lower Upper

142 100

141 88.9 70.9 106.3

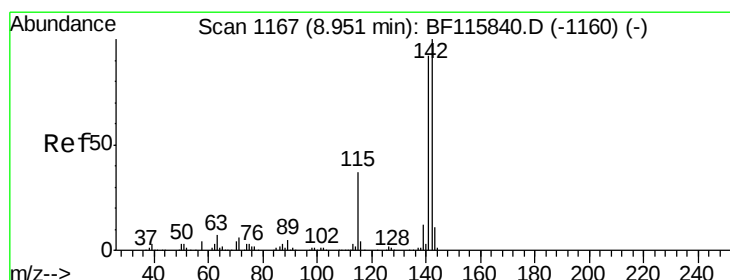
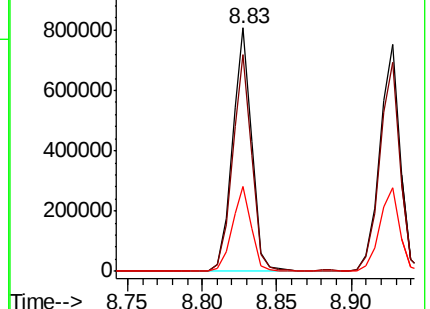
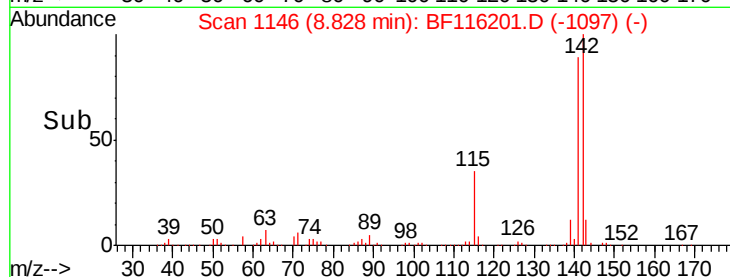
115 35.1 29.0 43.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 50.636 ng

RT: 8.93 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF116201.D

Acq: 12 Aug 2019 20:58

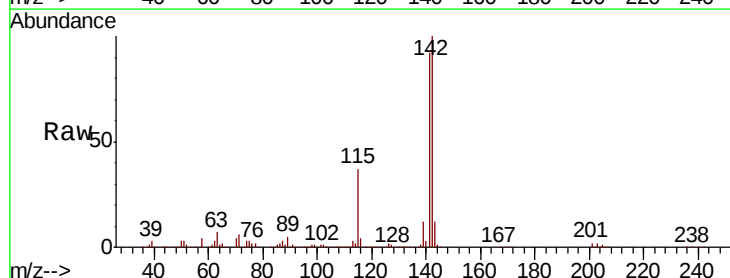
Tgt Ion:142 Resp: 689549

Ion Ratio Lower Upper

142 100

141 92.5 74.4 111.6

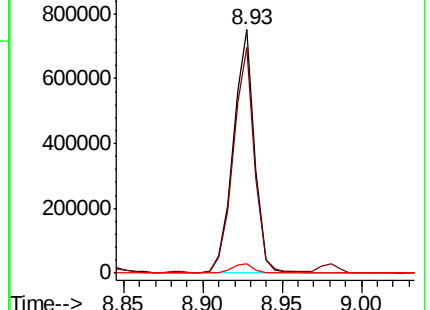
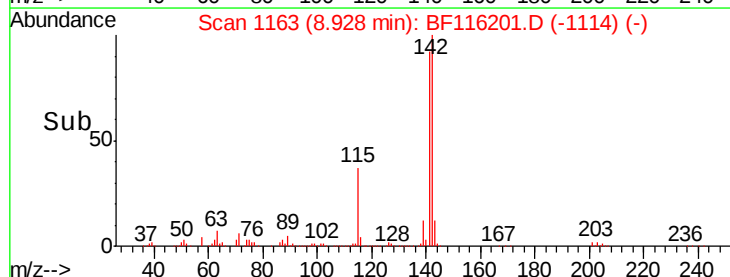
116 3.8 3.1 4.7

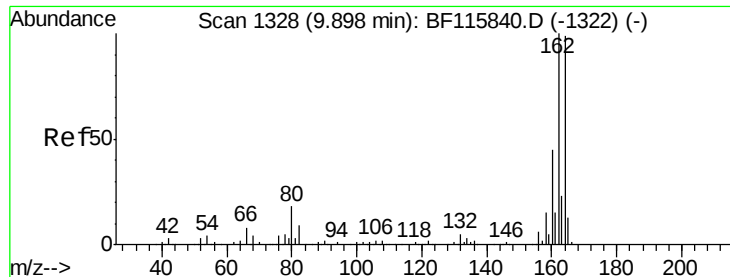


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

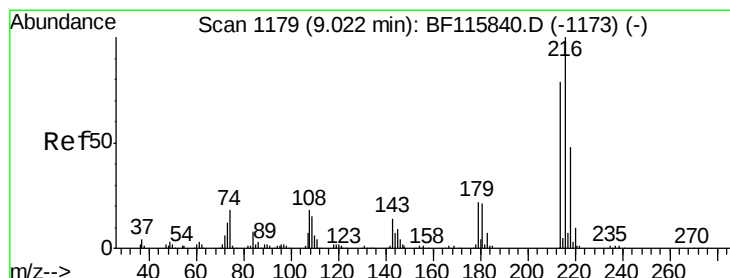
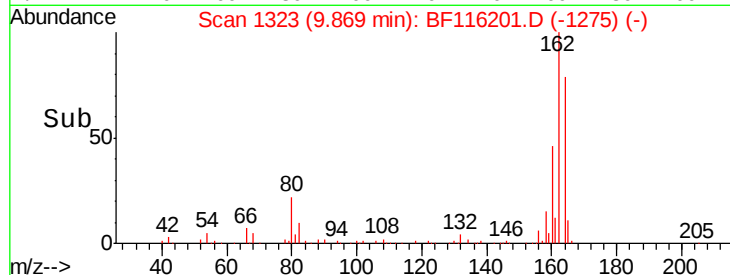
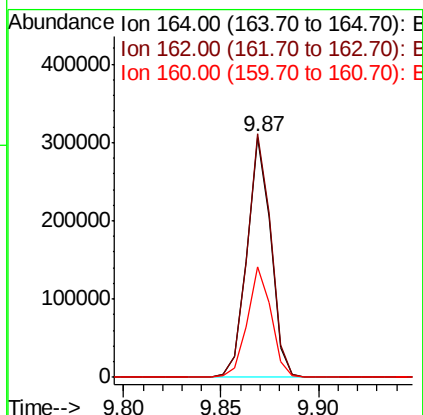
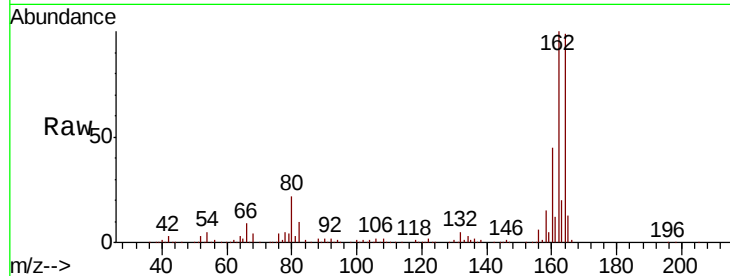




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF116201.D
 Acq: 12 Aug 2019 20:58

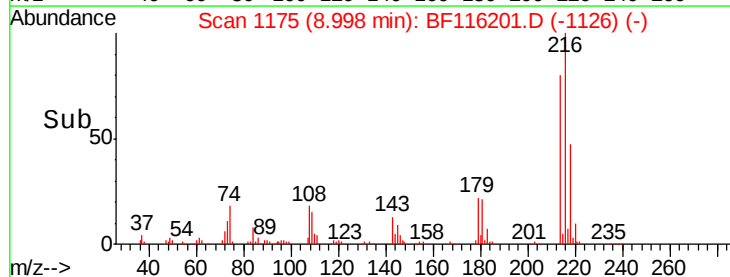
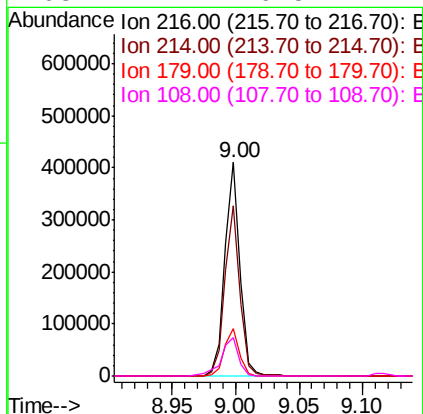
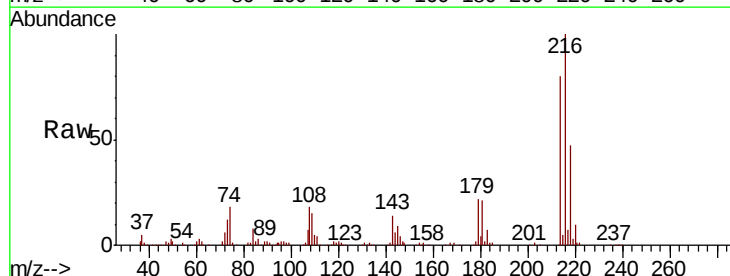
Instrument :
 BNA_F
 ClientSampleId :
 HR-05-080919-AMSD

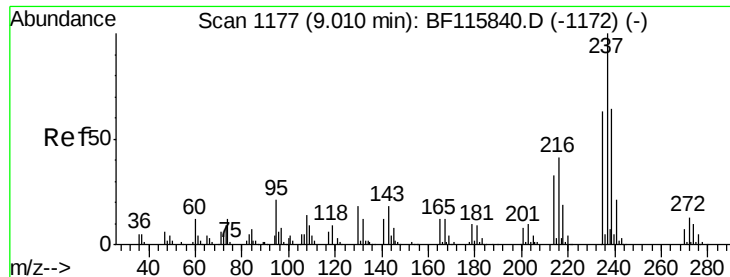
Tot Ion:164 Resp: 258940
 Ion Ratio Lower Upper
 164 100
 162 101.5 82.6 124.0
 160 46.0 37.6 56.4



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.860 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF116201.D
 Acq: 12 Aug 2019 20:58

Tgt Ion:216 Resp: 338233
 Ion Ratio Lower Upper
 216 100
 214 79.4 63.6 95.4
 179 21.9 17.8 26.8
 108 21.1 16.5 24.7





#41

Hexachlorocyclopentadiene

Concen: 59.179 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BF116201.D

Acq: 12 Aug 2019 20:58

Instrument :

BNA_F

ClientSampleId :

HR-05-080919-AMSD

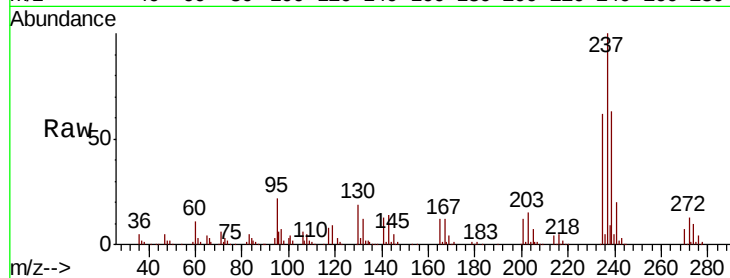
Tot Ion:237 Resp: 178738

Ion Ratio Lower Upper

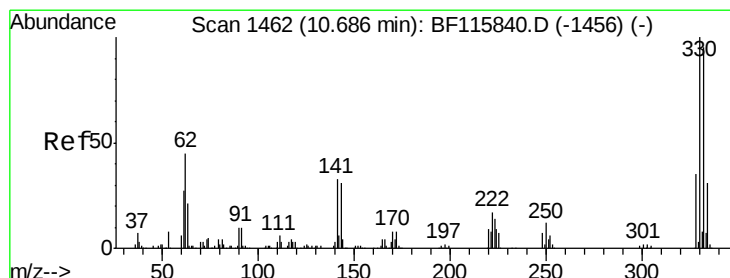
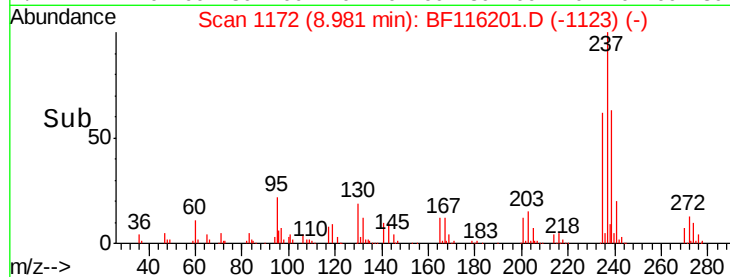
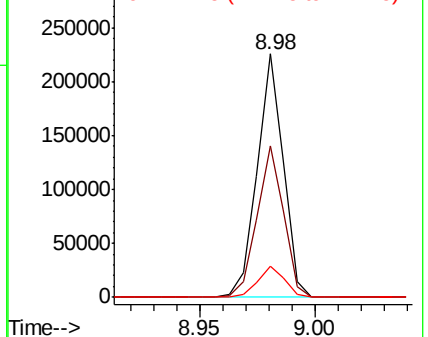
237 100

235 62.2 43.4 83.4

272 12.8 0.0 33.2



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 140.548 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF116201.D

Acq: 12 Aug 2019 20:58

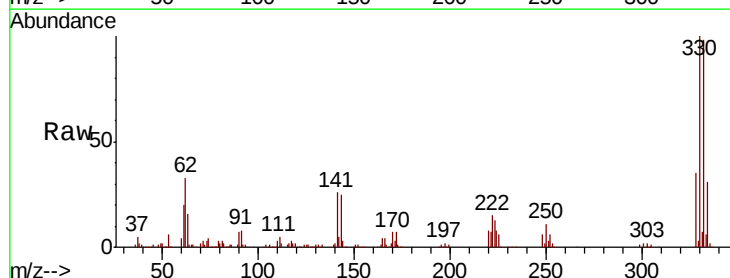
Tgt Ion:330 Resp: 352846

Ion Ratio Lower Upper

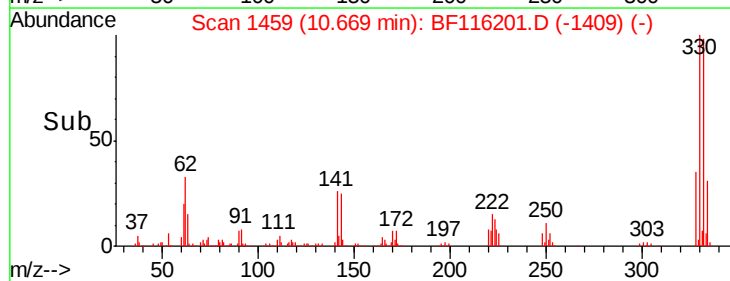
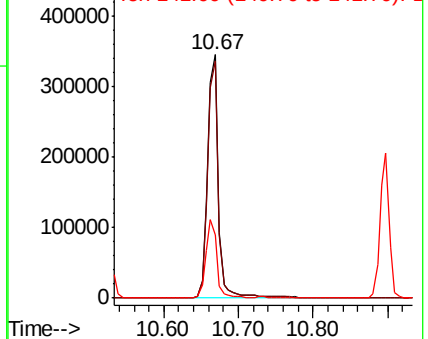
330 100

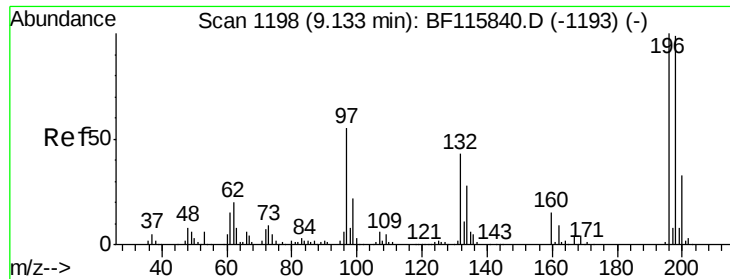
332 96.9 76.8 115.2

141 32.5 26.3 39.5



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

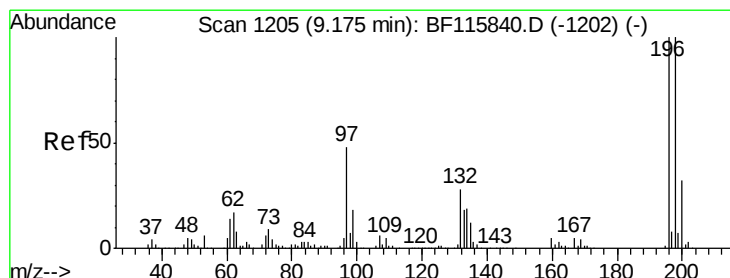
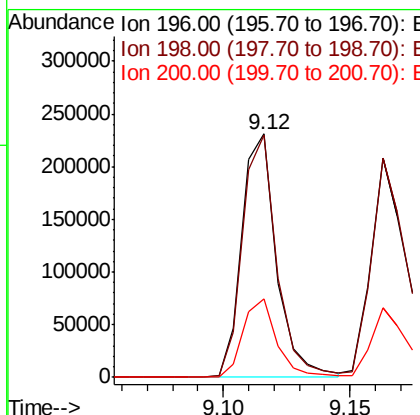
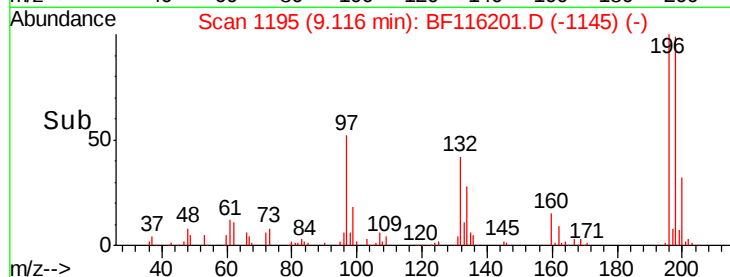
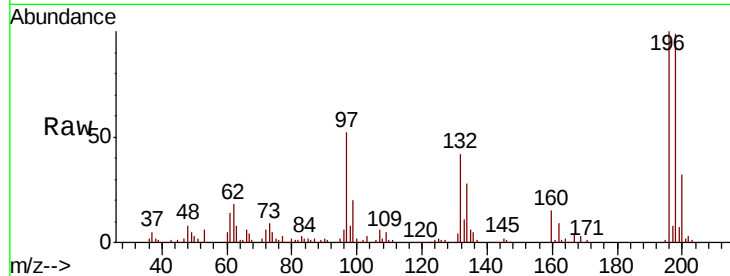




#43
 2,4,6-Trichlorophenol
 Concen: 46.184 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF116201.D
 Acq: 12 Aug 2019 20:58

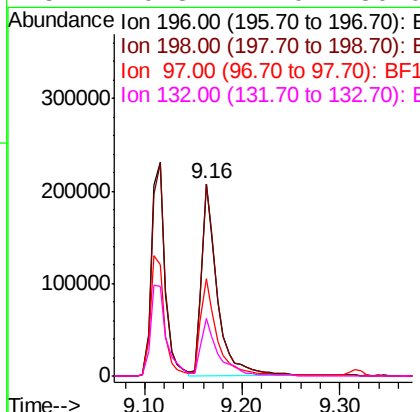
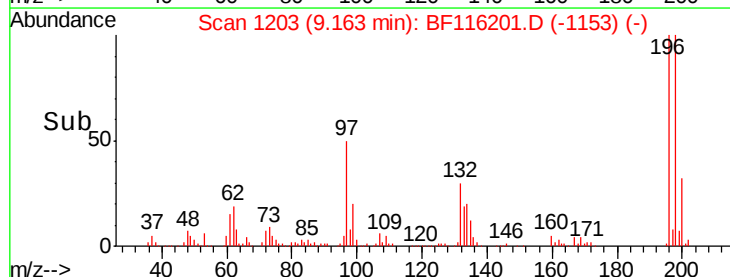
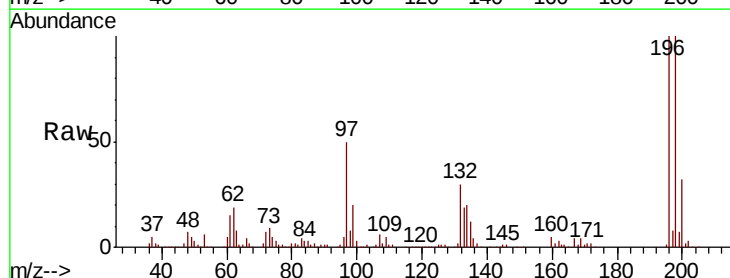
Instrument :
 BNA_F
 ClientSampleId :
 HR-05-080919-AMSD

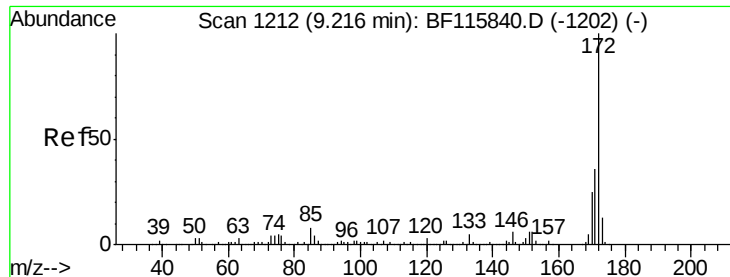
Tot Ion:196 Resp: 220061
 Ion Ratio Lower Upper
 196 100
 198 99.3 79.2 118.8
 200 32.4 25.2 37.8



#44
 2,4,5-Trichlorophenol
 Concen: 47.259 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF116201.D
 Acq: 12 Aug 2019 20:58

Tgt Ion:196 Resp: 232771
 Ion Ratio Lower Upper
 196 100
 198 99.7 78.8 118.2
 97 50.4 42.2 63.4
 132 29.8 24.0 36.0

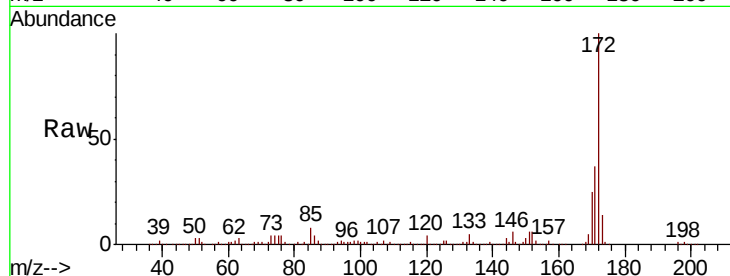




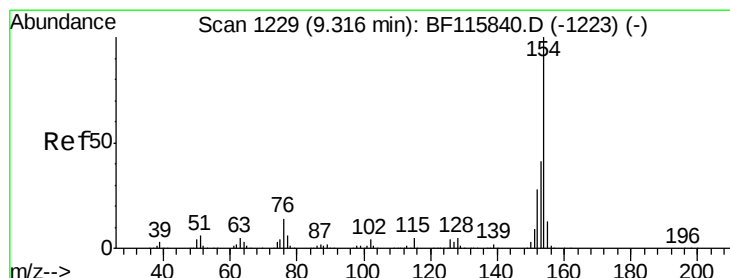
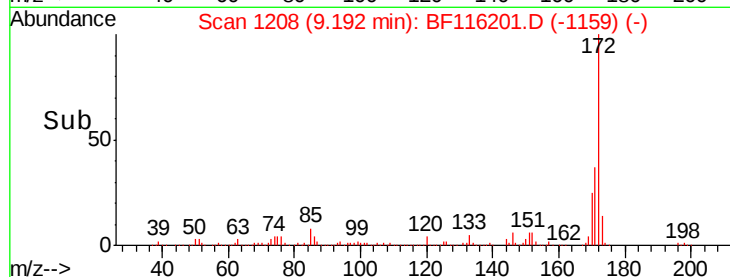
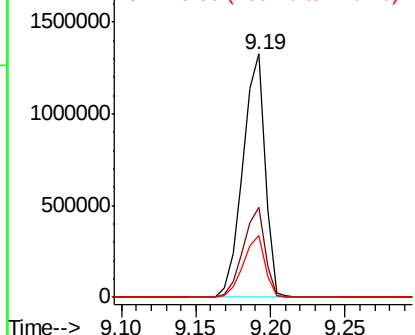
#45
2-Fluorobiphenyl
Concen: 99.735 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMSD

Tot Ion:172 Resp: 1378766
Ion Ratio Lower Upper
172 100
171 36.9 29.6 44.4
170 25.3 20.1 30.1

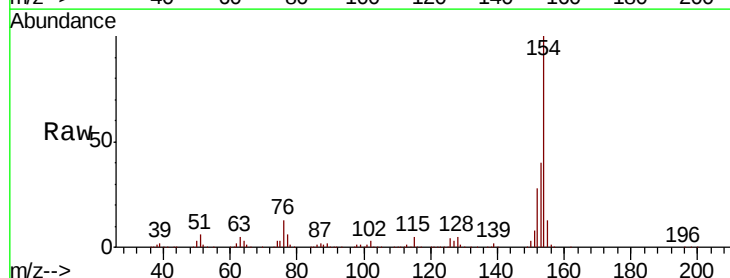


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

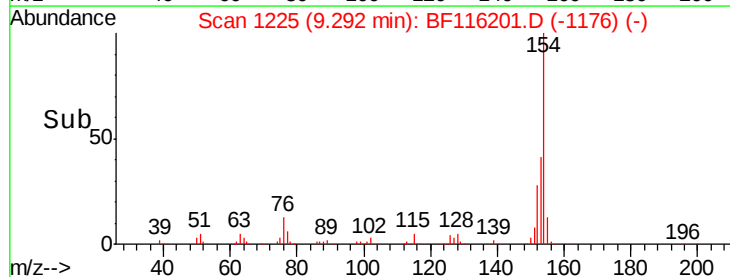
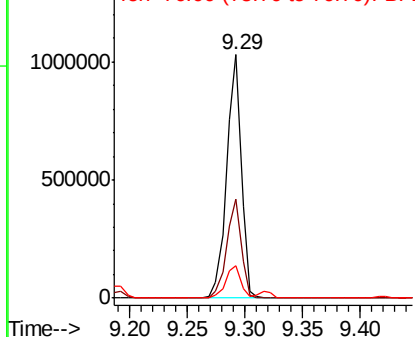


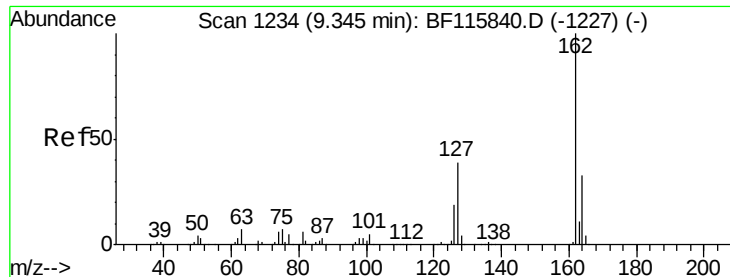
#46
1,1'-Biphenyl
Concen: 49.582 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Tgt Ion:154 Resp: 906407
Ion Ratio Lower Upper
154 100
153 40.5 21.4 61.4
76 13.5 0.0 35.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

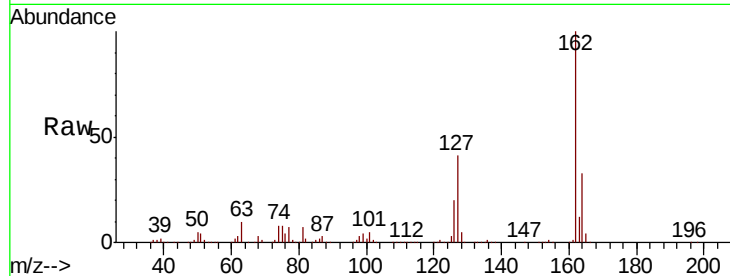




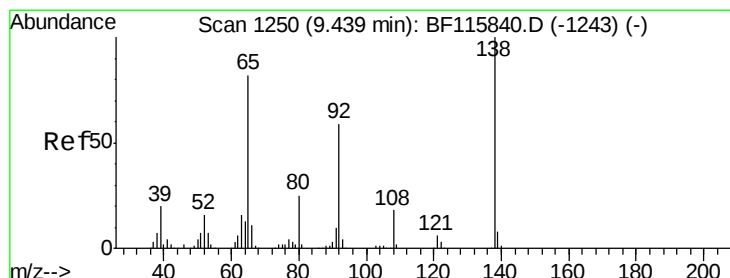
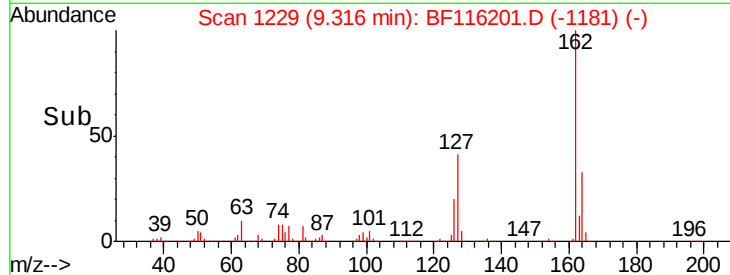
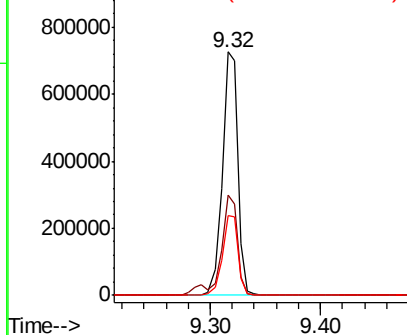
#47
 2-Chloronaphthalene
 Concen: 46.942 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.02 min
 Lab File: BF116201.D
 Acq: 12 Aug 2019 20:58

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-080919-AMSD

Tot Ion:	162	Resp:	714229
Ion	Ratio	Lower	Upper
162	100		
127	41.2	32.8	49.2
164	32.6	26.6	39.8

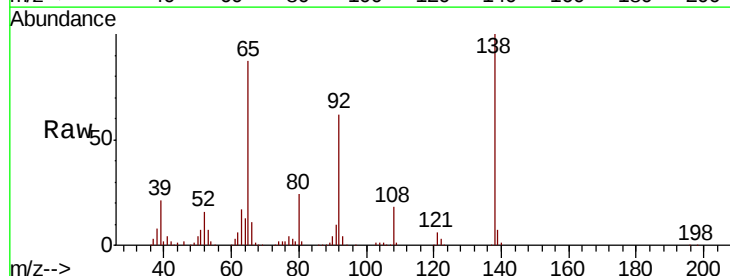


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

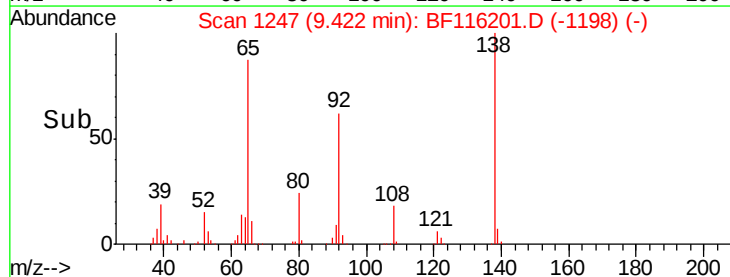
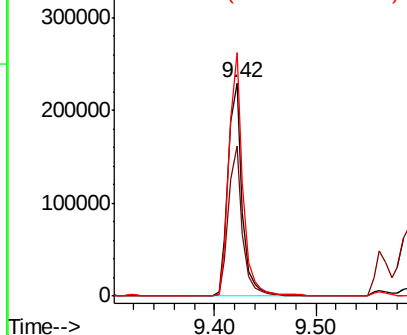


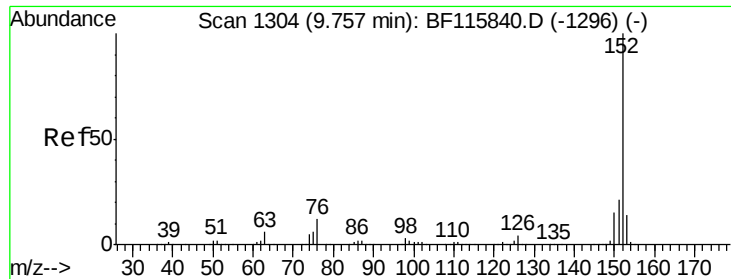
#48
 2-Nitroaniline
 Concen: 44.750 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BF116201.D
 Acq: 12 Aug 2019 20:58

Tgt Ion:	65	Resp:	225055
Ion	Ratio	Lower	Upper
65	100		
92	70.4	57.8	86.8
138	114.3	94.0	141.0



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 48.544 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF116201.D

Acq: 12 Aug 2019 20:58

Instrument :

BNA_F

ClientSampleId :

HR-05-080919-AMSD

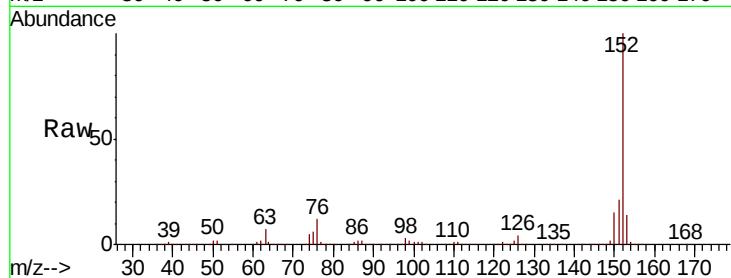
Tot Ion:152 Resp: 1077556

Ion Ratio Lower Upper

152 100

151 21.1 17.2 25.8

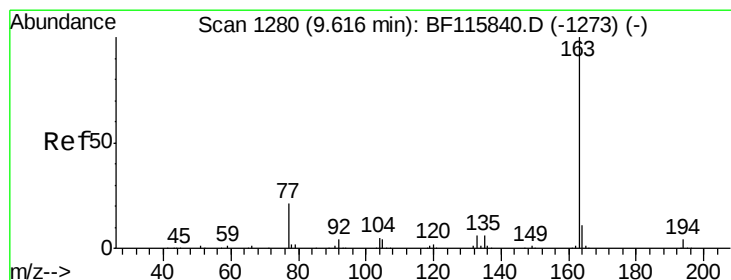
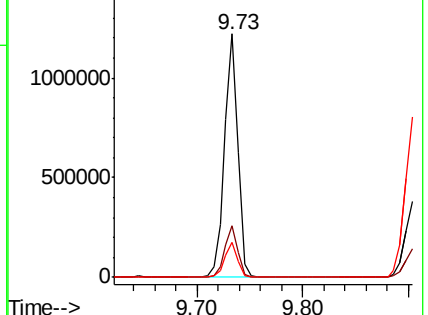
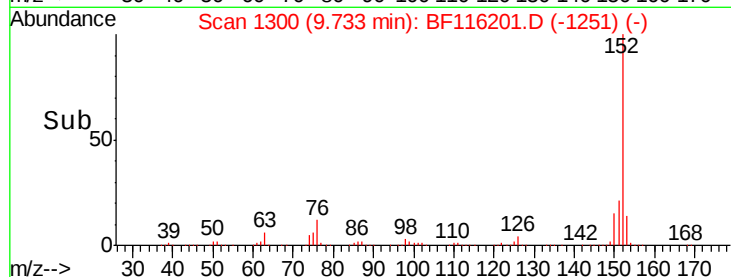
153 14.3 11.8 17.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 47.775 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.01 min

Lab File: BF116201.D

Acq: 12 Aug 2019 20:58

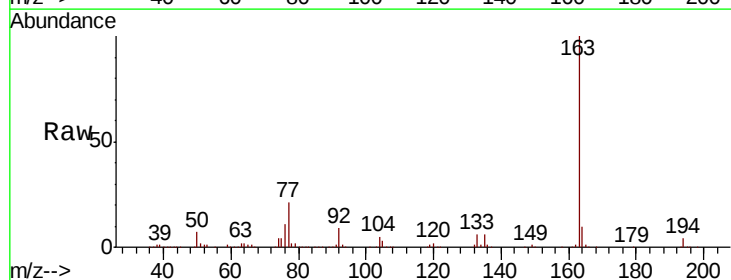
Tgt Ion:163 Resp: 842309

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

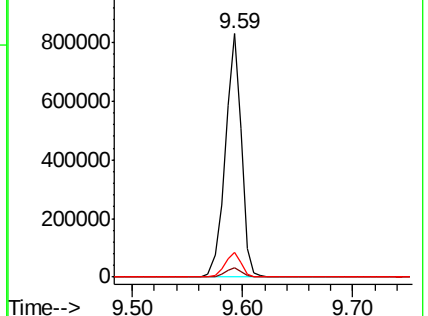
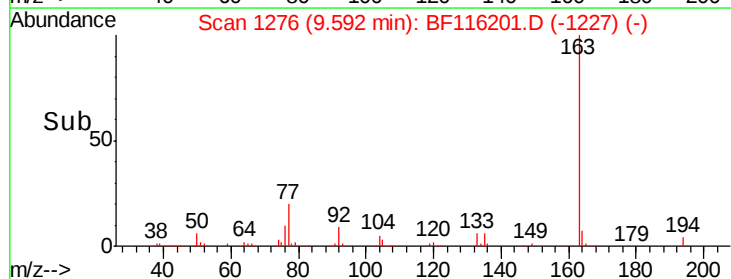
164 10.4 8.4 12.6

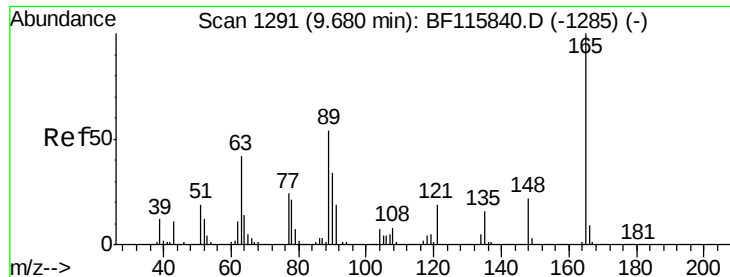


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 49.151 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF116201.D

Acq: 12 Aug 2019 20:58

Instrument :

BNA_F

ClientSampleId :

HR-05-080919-AMSD

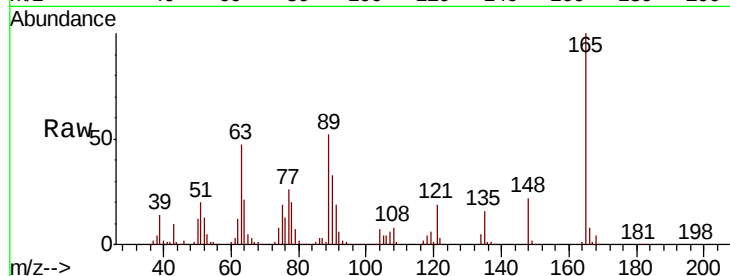
Tot Ion:165 Resp: 188324

Ion Ratio Lower Upper

165 100

63 47.2 38.2 57.2

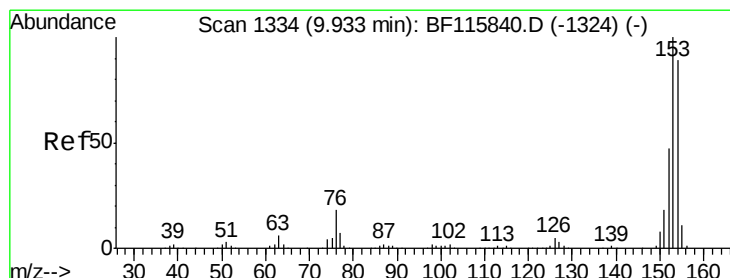
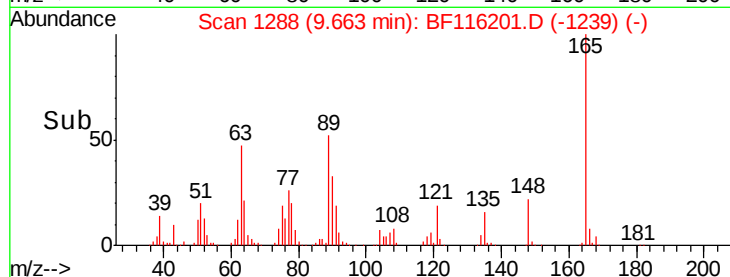
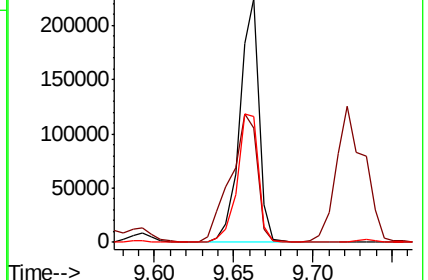
89 51.7 42.9 64.3



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 47.823 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.02 min

Lab File: BF116201.D

Acq: 12 Aug 2019 20:58

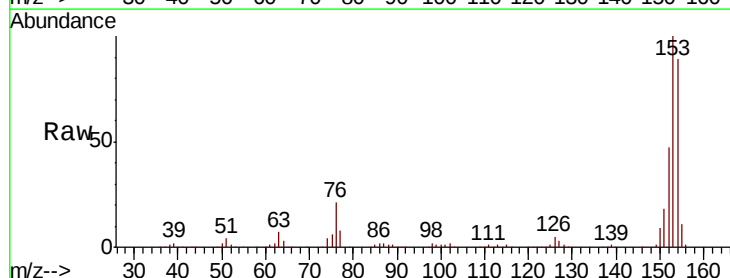
Tgt Ion:154 Resp: 651252

Ion Ratio Lower Upper

154 100

153 112.4 89.4 134.0

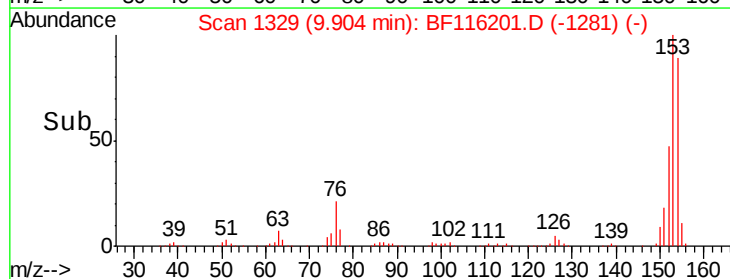
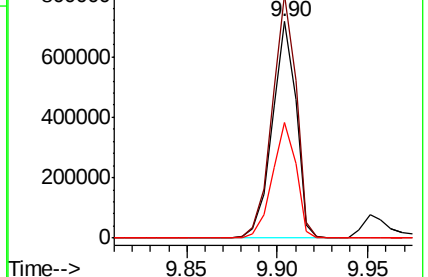
152 53.3 42.3 63.5

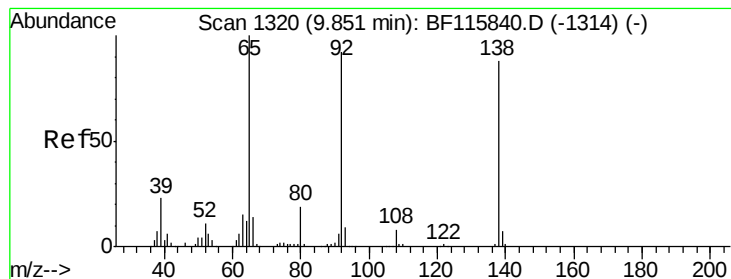


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 17.820 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF116201.D

Acq: 12 Aug 2019 20:58

Instrument :

BNA_F

ClientSampleId :

HR-05-080919-AMSD

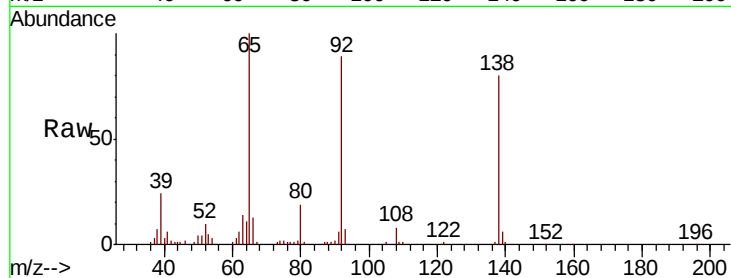
Tot Ion:138 Resp: 84364

Ion Ratio Lower Upper

138 100

108 9.9 8.0 12.0

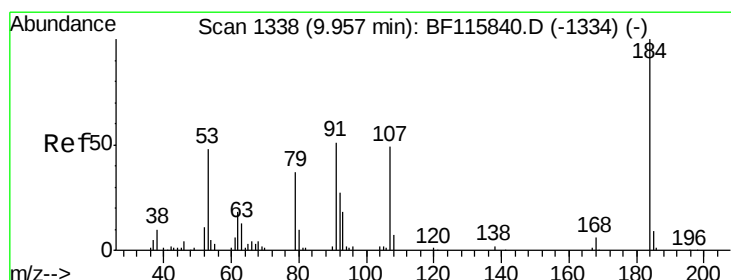
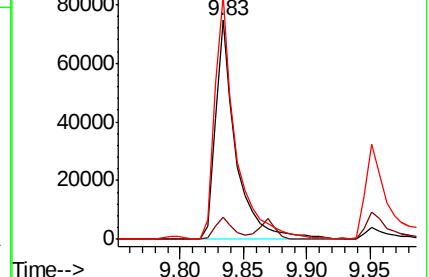
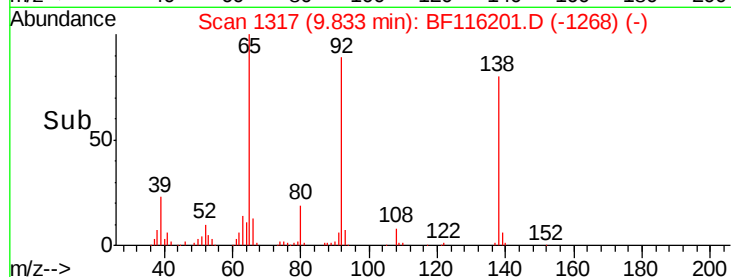
92 111.1 91.0 136.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 75.117 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF116201.D

Acq: 12 Aug 2019 20:58

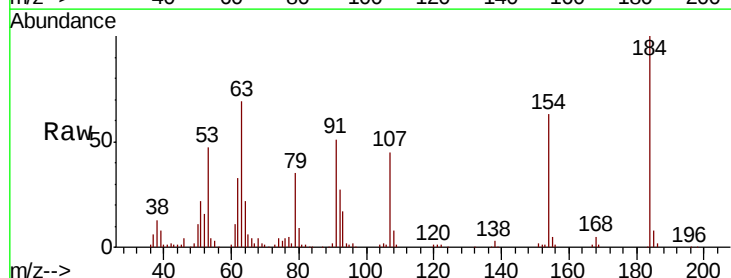
Tgt Ion:184 Resp: 145355

Ion Ratio Lower Upper

184 100

63 69.5 53.0 79.4

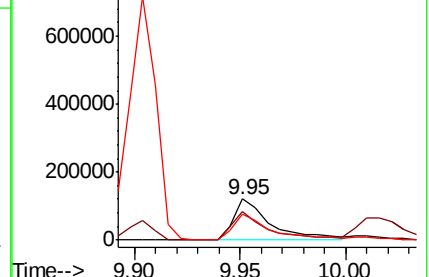
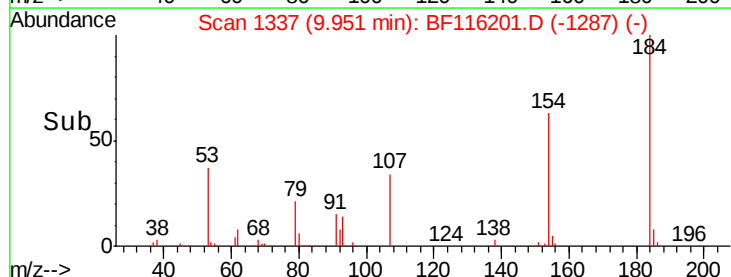
154 63.5 50.1 75.1

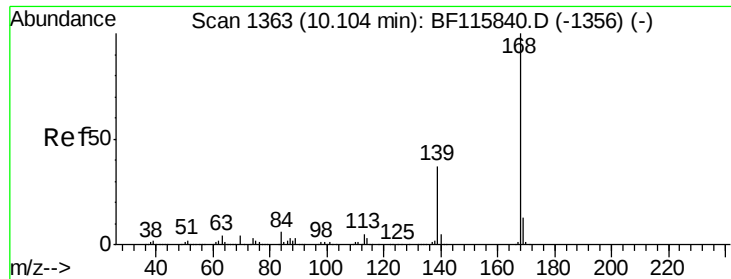


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 47.018 ng

RT: 10.08 min Scan# 1359

Delta R.T. -0.01 min

Lab File: BF116201.D

Acq: 12 Aug 2019 20:58

Instrument :

BNA_F

ClientSampleId :

HR-05-080919-AMSD

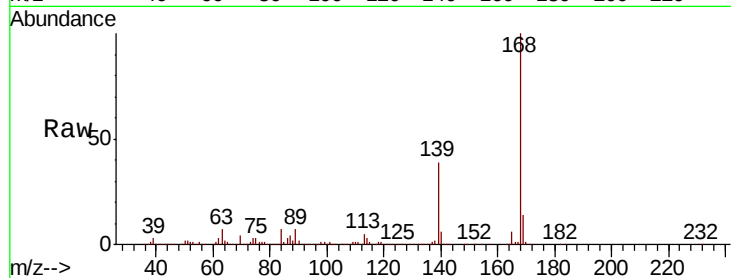
Tot Ion:168 Resp: 931137

Ion Ratio Lower Upper

168 100

139 39.1 31.4 47.2

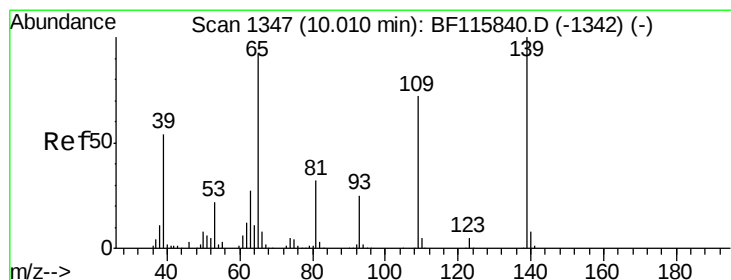
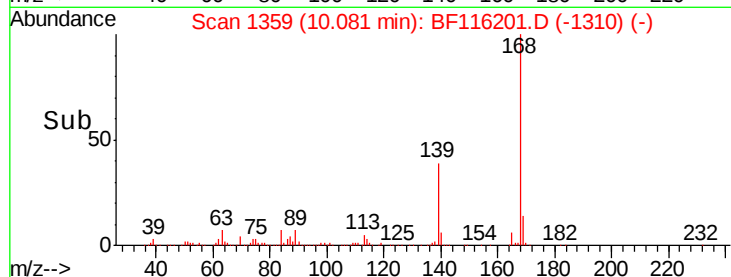
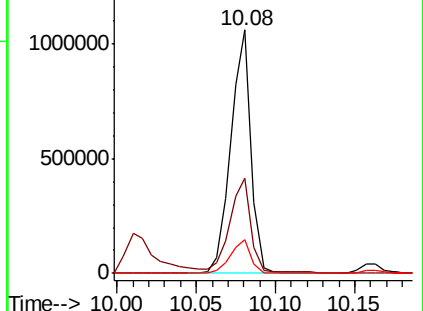
169 14.0 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 76.583 ng

RT: 10.01 min Scan# 1347

Delta R.T. 0.00 min

Lab File: BF116201.D

Acq: 12 Aug 2019 20:58

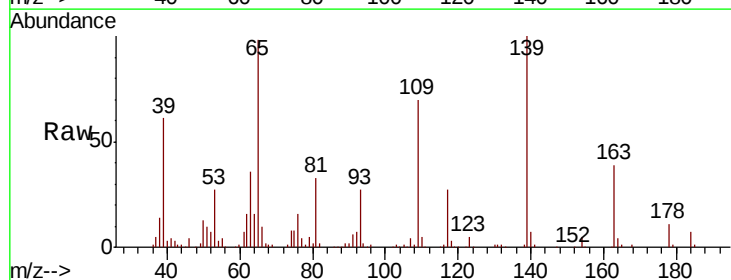
Tgt Ion:139 Resp: 232261

Ion Ratio Lower Upper

139 100

109 69.7 54.4 94.4

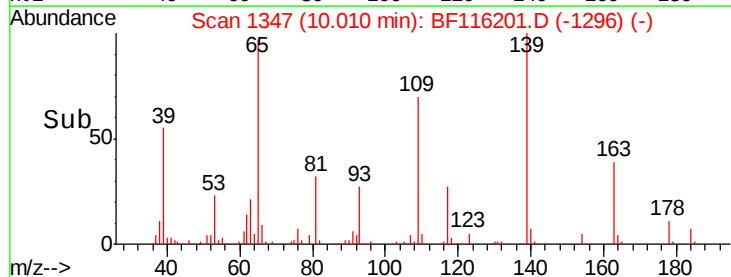
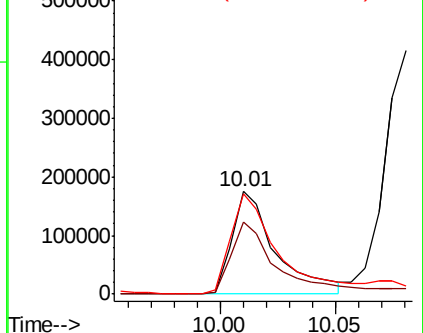
65 97.8 80.6 120.6

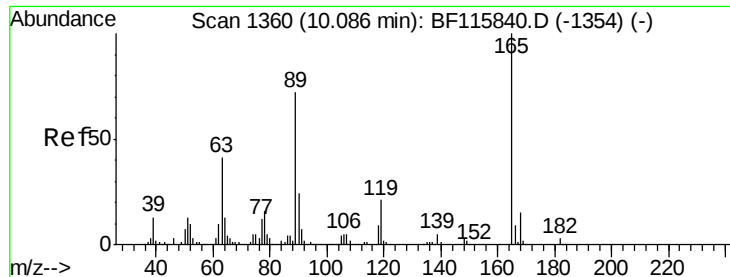


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 46.611 ng

RT: 10.07 min Scan# 1358

Delta R.T. -0.01 min

Lab File: BF116201.D

Acq: 12 Aug 2019 20:58

Instrument :

BNA_F

ClientSampleId :

HR-05-080919-AMSD

Tot Ion:165 Resp: 237780

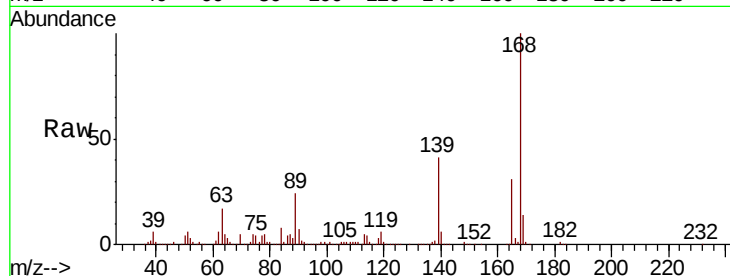
Ion Ratio Lower Upper

165 100

63 56.0 39.6 59.4

89 77.5 62.2 93.2

182 2.8 2.1 3.1

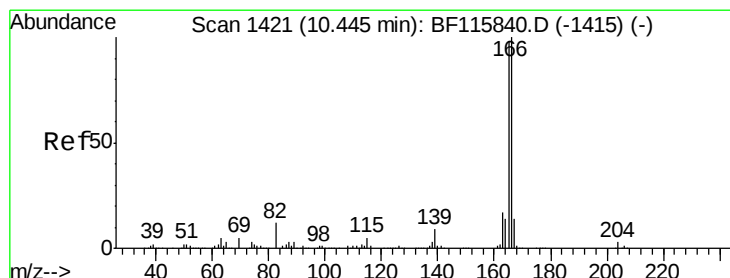
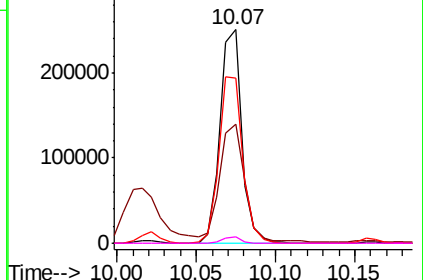
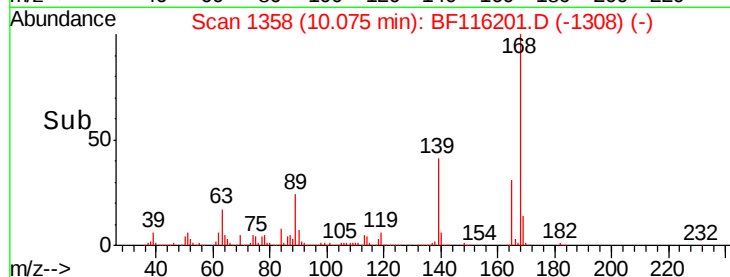


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 49.965 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF116201.D

Acq: 12 Aug 2019 20:58

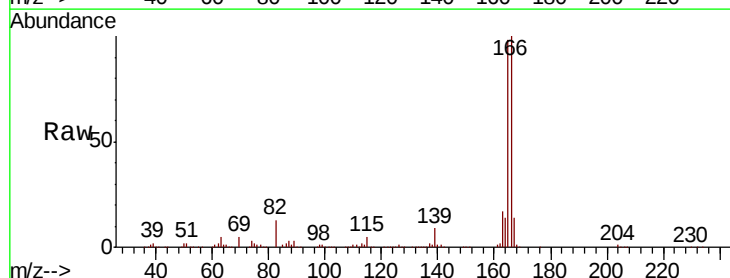
Tgt Ion:166 Resp: 761302

Ion Ratio Lower Upper

166 100

165 98.4 78.4 117.6

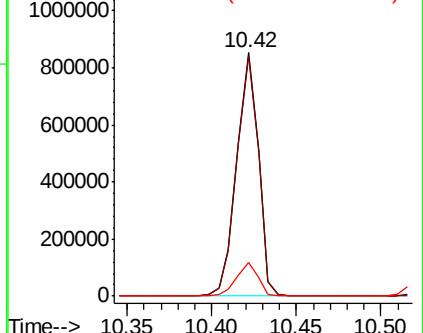
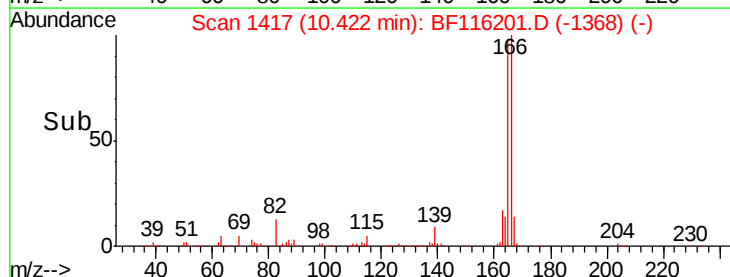
167 13.9 11.0 16.4

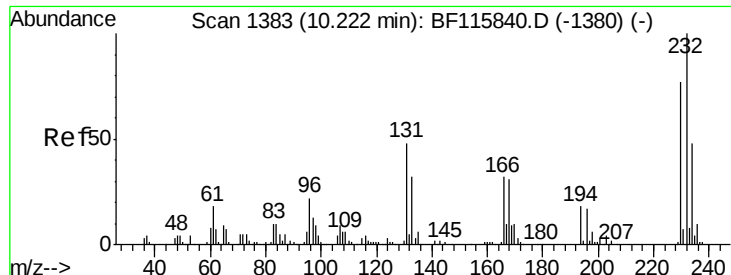


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

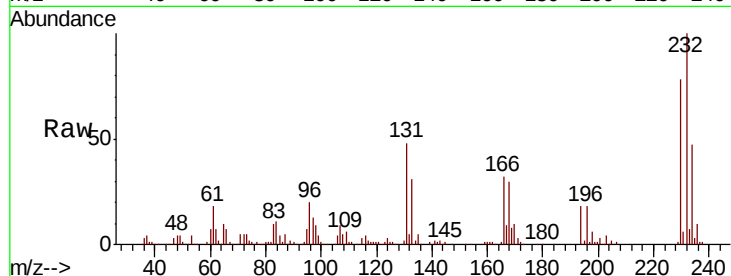




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.747 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. -0.01 min
 Lab File: BF116201.D
 Acq: 12 Aug 2019 20:58

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-080919-AMSD

Tot Ion:	232	Resp:	210289
Ion	Ratio	Lower	Upper
232	100		
131	44.0	36.2	54.2
130	2.5	1.9	2.9
166	28.9	23.0	34.4



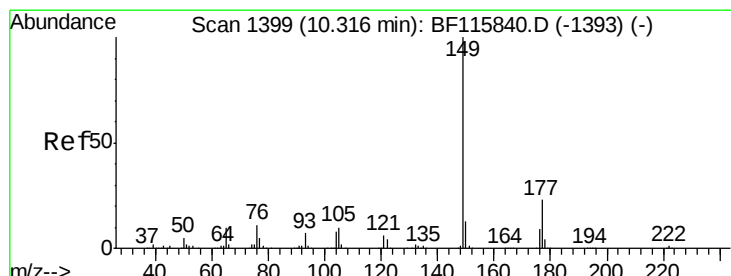
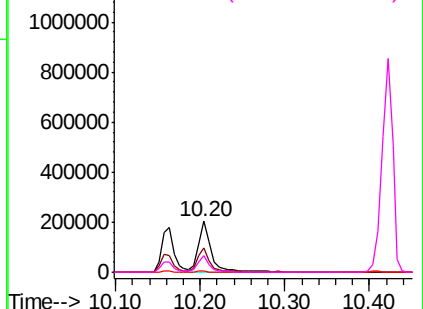
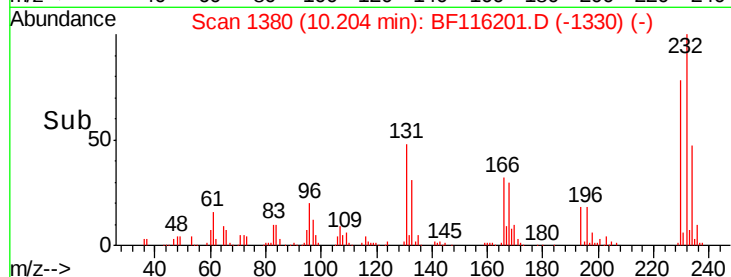
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

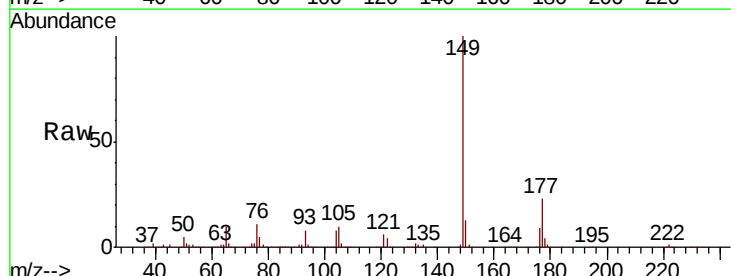
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 50.186 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: BF116201.D
 Acq: 12 Aug 2019 20:58

Tgt Ion:	149	Resp:	826104
Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.8	28.2
150	12.7	10.2	15.4

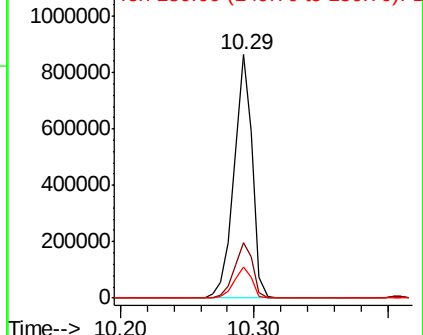
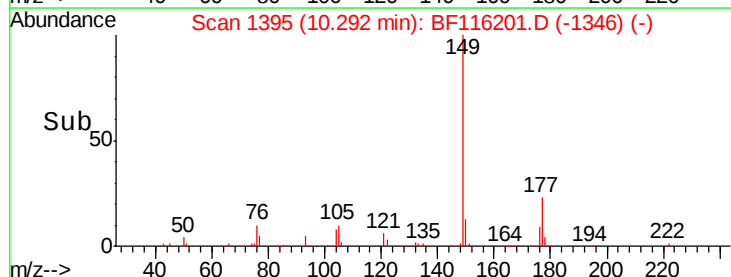


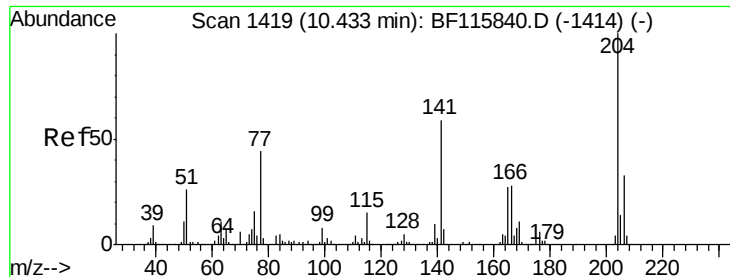
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

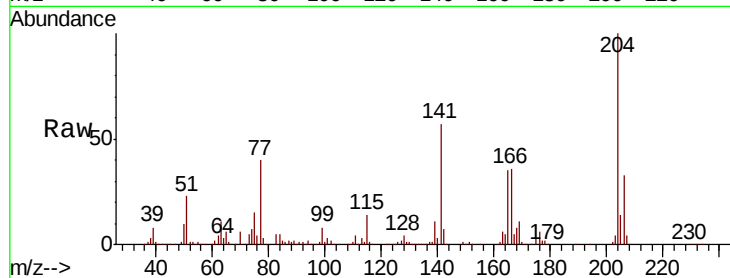




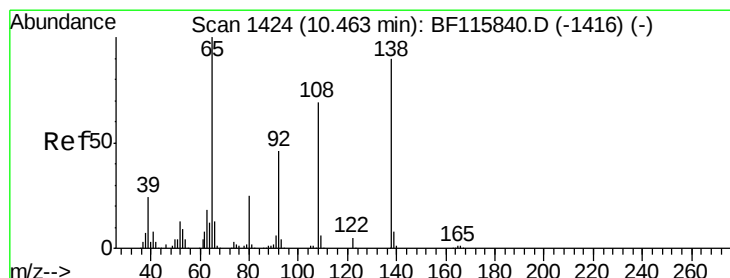
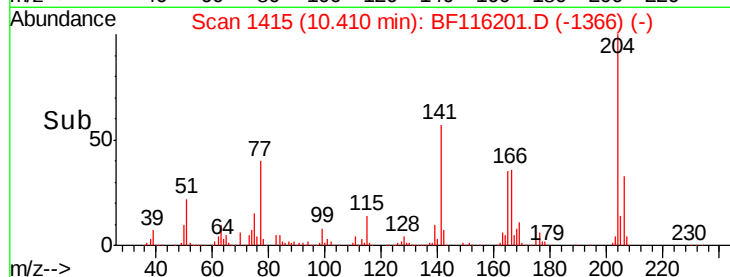
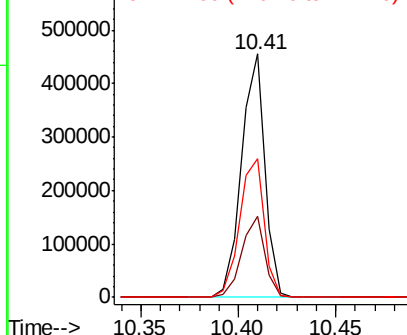
#61
4-Chlorophenyl-phenylether
Concen: 49.184 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMSD

Tot Ion:204 Resp: 379538
Ion Ratio Lower Upper
204 100
206 33.2 26.4 39.6
141 56.8 46.4 69.6

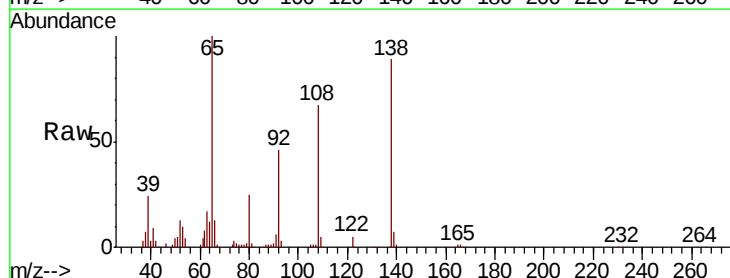


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

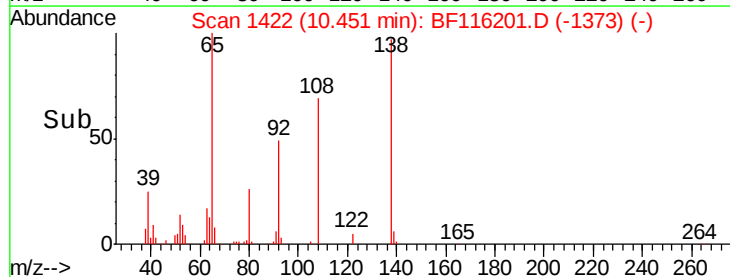
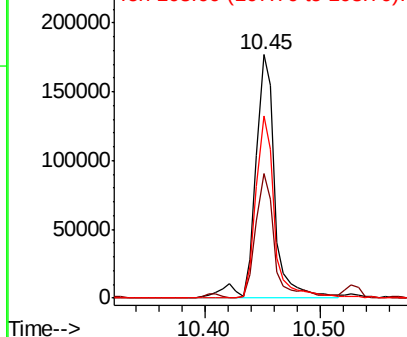


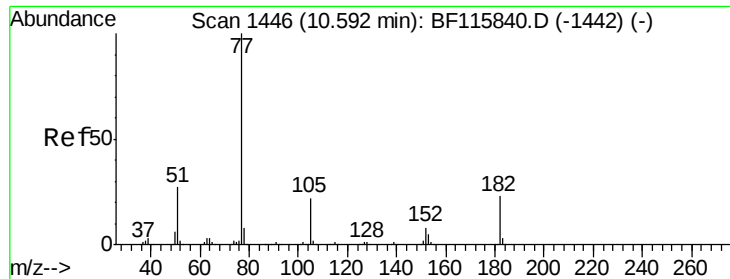
#62
4-Nitroaniline
Concen: 42.734 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Tgt Ion:138 Resp: 209081
Ion Ratio Lower Upper
138 100
92 51.0 29.0 69.0
108 74.7 54.7 94.7



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 49.912 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF116201.D

Acq: 12 Aug 2019 20:58

Instrument :

BNA_F

ClientSampleId :

HR-05-080919-AMSD

Tot Ion: 77 Resp: 845045

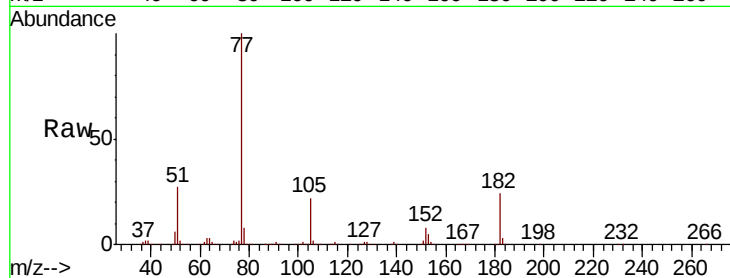
Ion Ratio Lower Upper

77 100

182 23.7 4.0 44.0

105 22.1 2.0 42.0

51 26.9 7.5 47.5

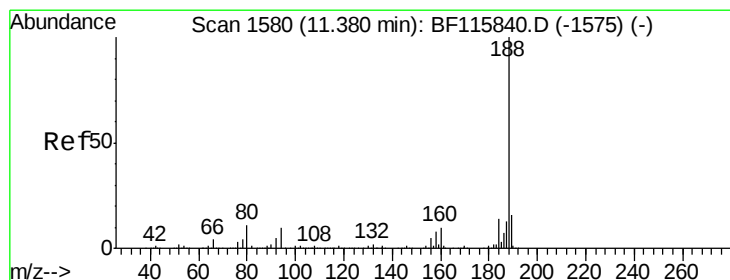
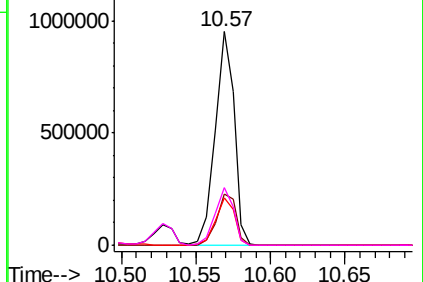
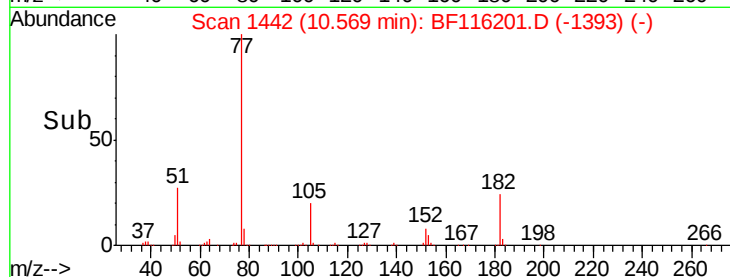


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF116201.D

Acq: 12 Aug 2019 20:58

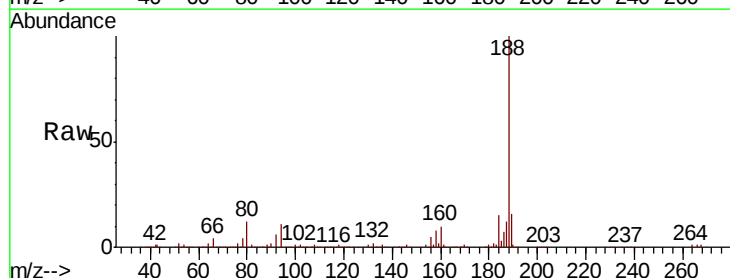
Tgt Ion: 188 Resp: 481954

Ion Ratio Lower Upper

188 100

94 10.8 8.1 12.1

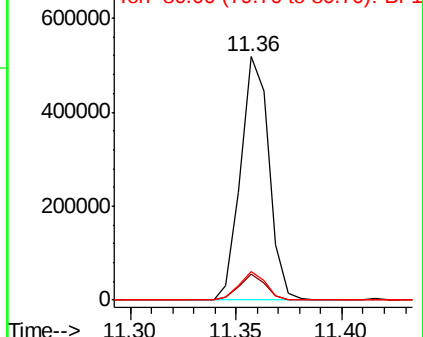
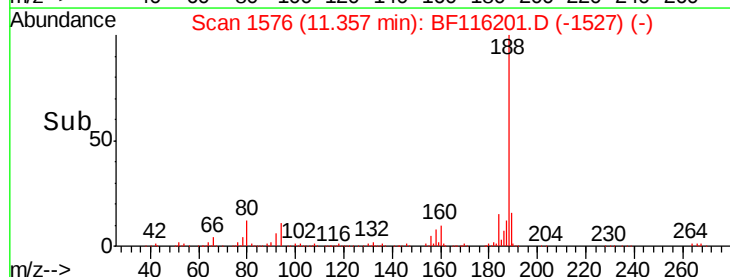
80 11.9 8.7 13.1

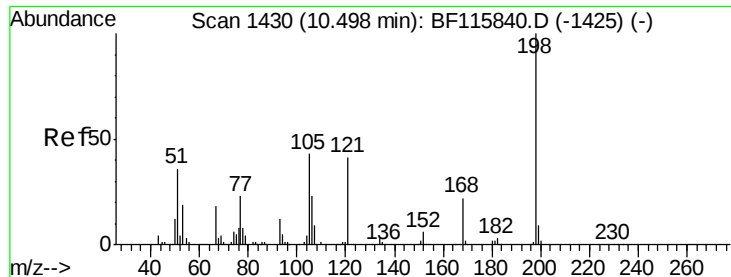


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 45.960 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BF116201.D

Acq: 12 Aug 2019 20:58

Instrument :

BNA_F

ClientSampleId :

HR-05-080919-AMSD

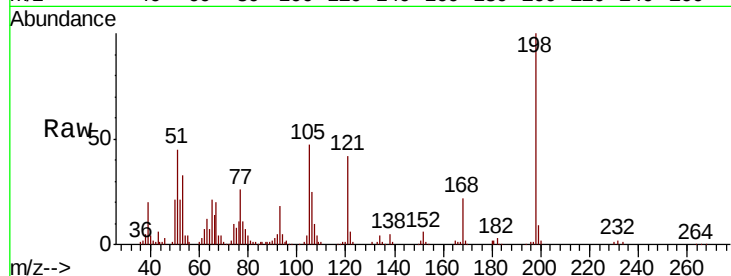
Tot Ion:198 Resp: 117383

Ion Ratio Lower Upper

198 100

51 45.0 17.0 57.0

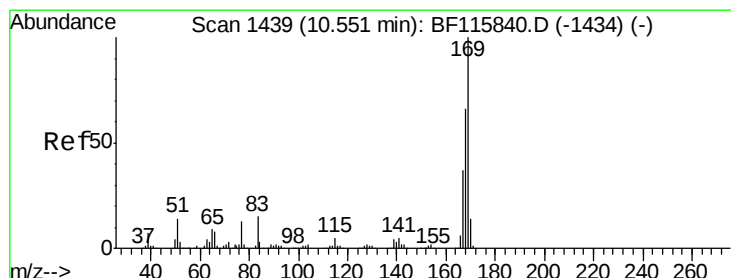
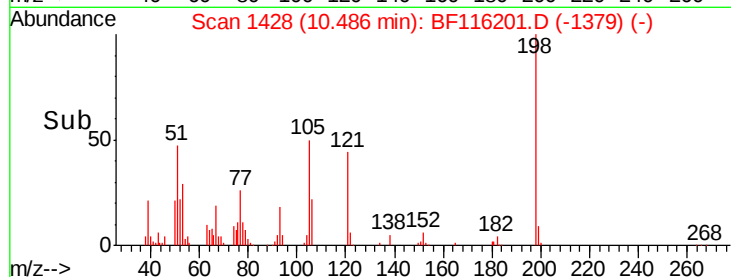
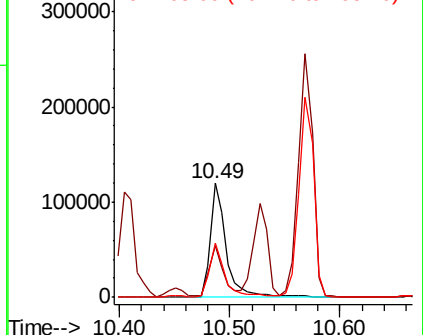
105 47.3 21.6 61.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 47.069 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.02 min

Lab File: BF116201.D

Acq: 12 Aug 2019 20:58

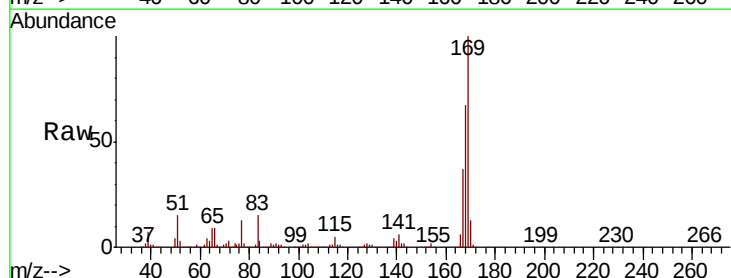
Tgt Ion:169 Resp: 682800

Ion Ratio Lower Upper

169 100

168 66.5 53.8 80.6

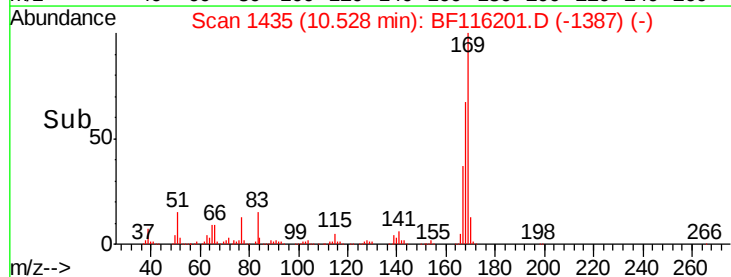
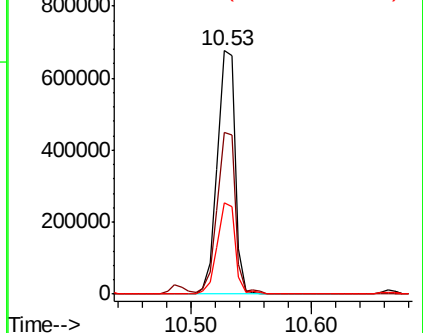
167 37.3 29.6 44.4

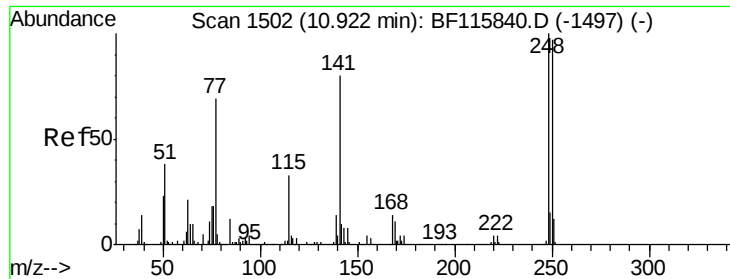


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

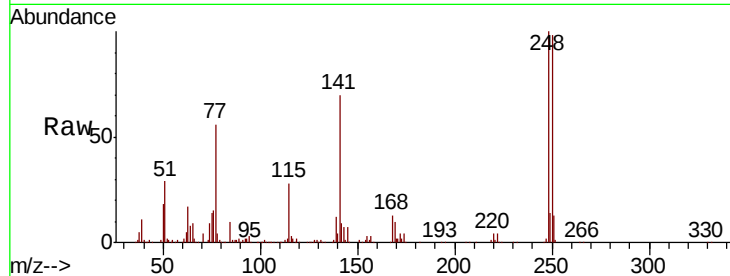




#67
4-Bromophenyl-phenylether
Concen: 46.528 ng
RT: 10.90 min Scan# 1498
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.9	77.4	116.2
141	70.4	56.8	85.2

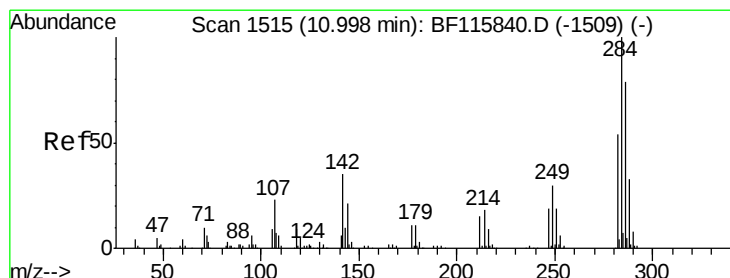
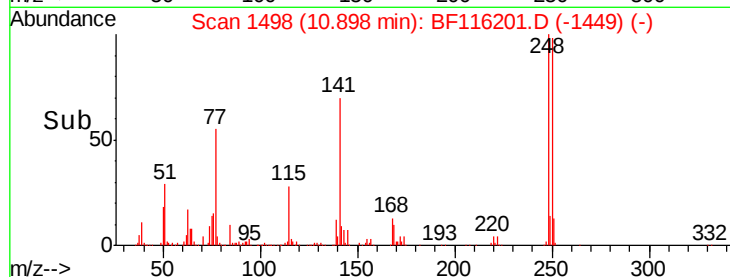
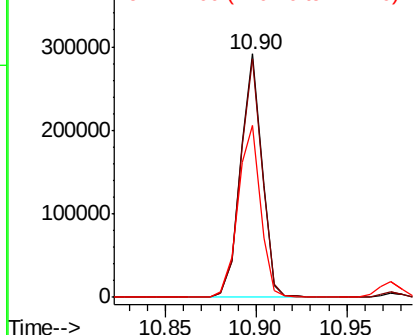


Abundance

Ion 248.00 (247.70 to 248.70): E

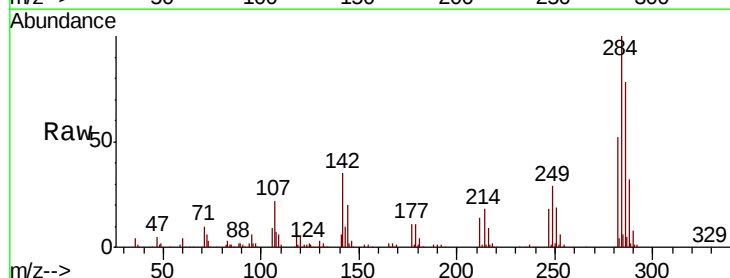
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 45.654 ng
RT: 10.97 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.8	28.4	42.6
249	29.3	24.5	36.7

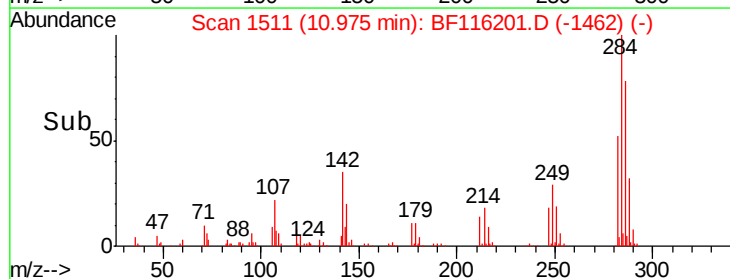
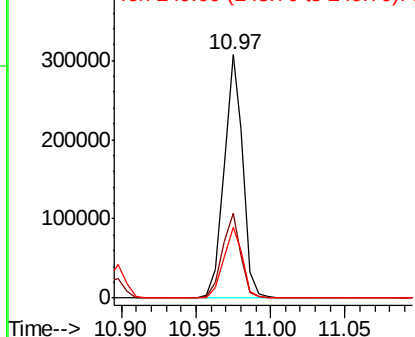


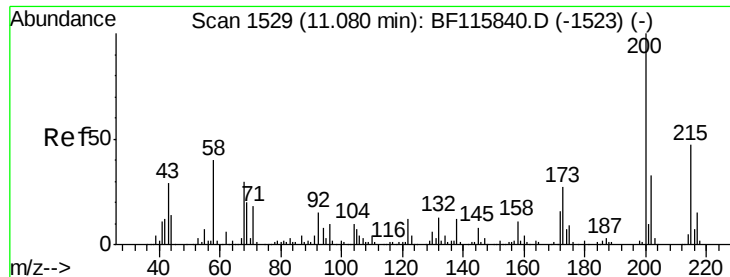
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

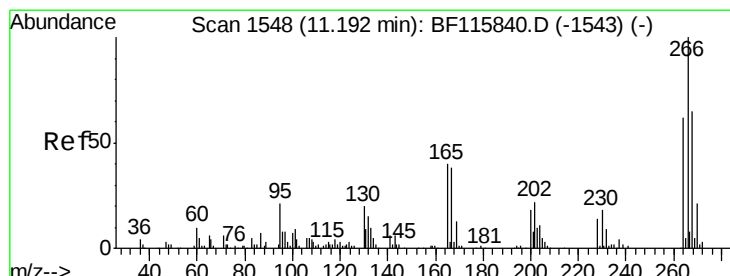
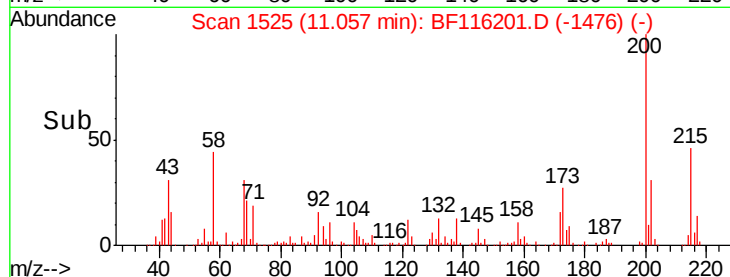
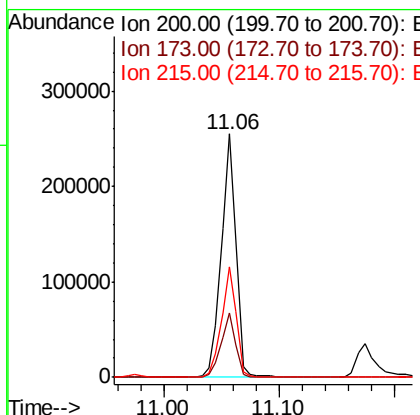
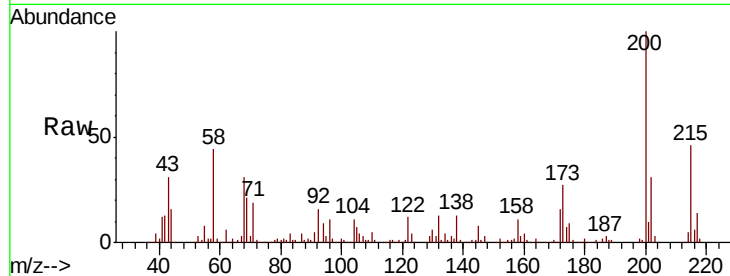




#69
 Atrazine
 Concen: 47.749 ng
 RT: 11.06 min Scan# 1525
 Delta R.T. -0.01 min
 Lab File: BF116201.D
 Acq: 12 Aug 2019 20:58

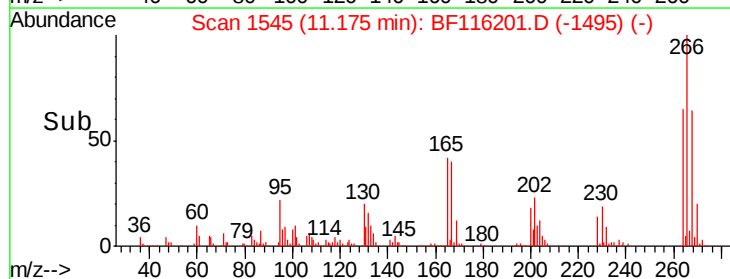
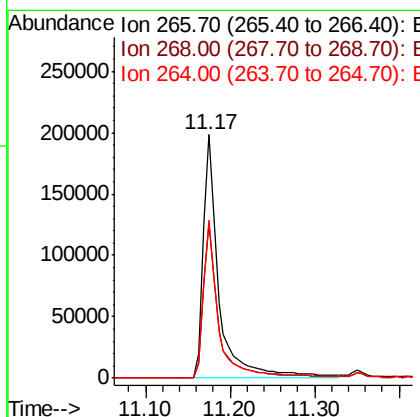
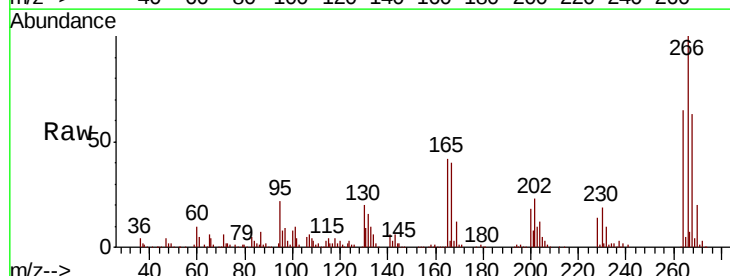
Instrument :
 BNA_F
 ClientSampleId :
 HR-05-080919-AMSD

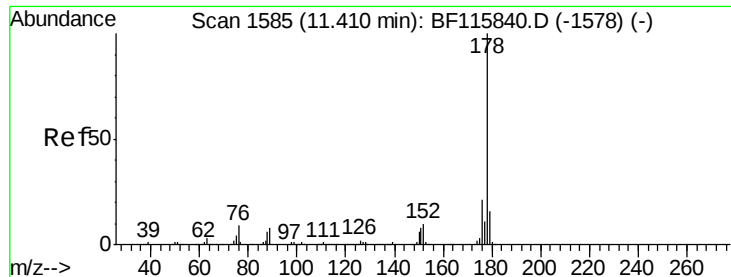
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.6	6.8	46.8
215	45.6	27.5	67.5



#70
 Pentachlorophenol
 Concen: 88.874 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. -0.01 min
 Lab File: BF116201.D
 Acq: 12 Aug 2019 20:58

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.4	48.8	73.2
264	65.0	50.6	76.0





#71

Phenanthrene

Concen: 46.809 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF116201.D

Acq: 12 Aug 2019 20:58

Instrument :

BNA_F

ClientSampleId :

HR-05-080919-AMSD

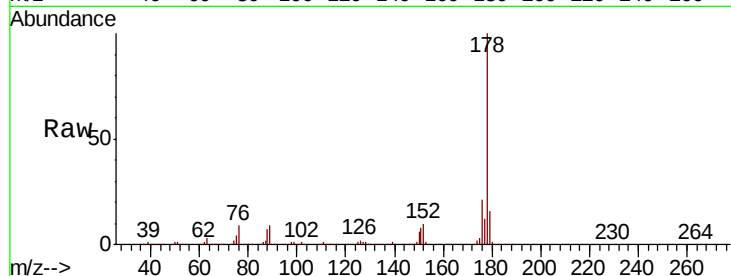
Tot Ion:178 Resp: 1153316

Ion Ratio Lower Upper

178 100

176 20.8 16.6 24.8

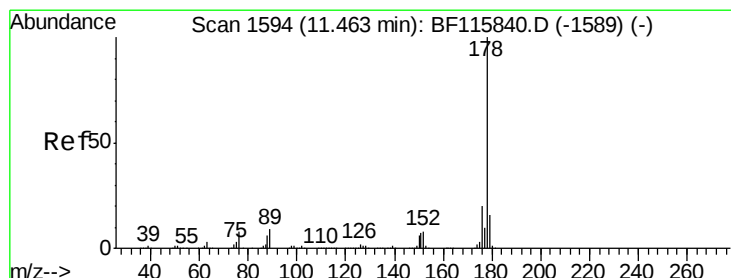
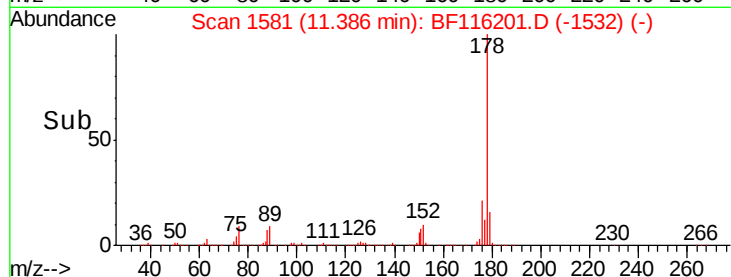
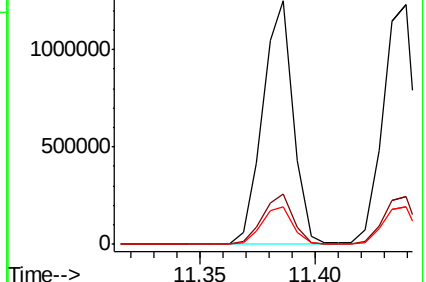
179 15.6 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 48.278 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF116201.D

Acq: 12 Aug 2019 20:58

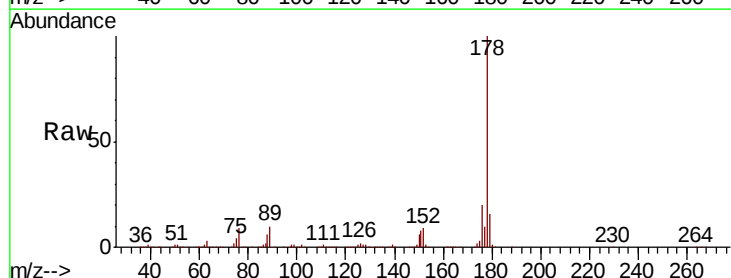
Tgt Ion:178 Resp: 1203819

Ion Ratio Lower Upper

178 100

176 19.9 15.7 23.5

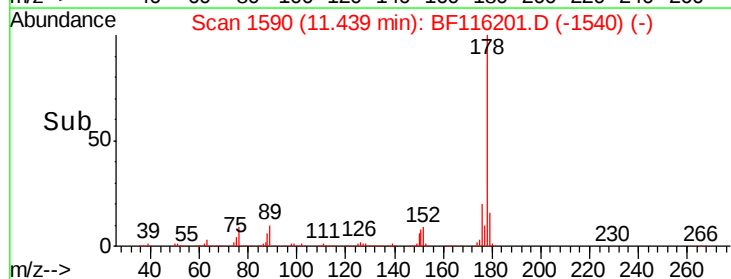
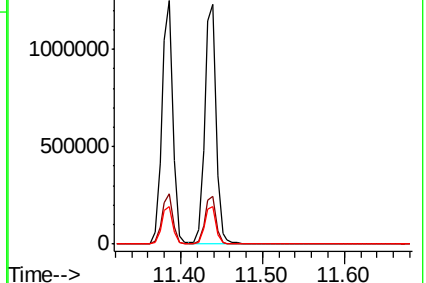
179 15.6 13.0 19.6

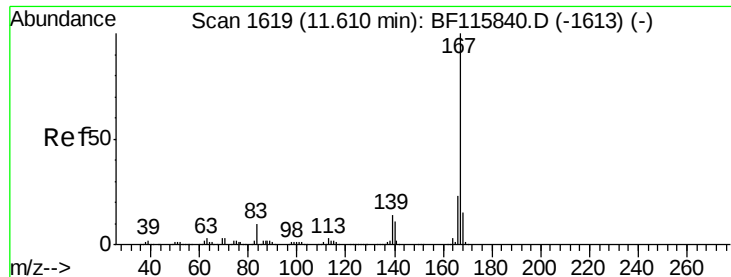


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 49.822 ng

RT: 11.59 min Scan# 1616

Delta R.T. -0.01 min

Lab File: BF116201.D

Acq: 12 Aug 2019 20:58

Instrument :

BNA_F

ClientSampleId :

HR-05-080919-AMSD

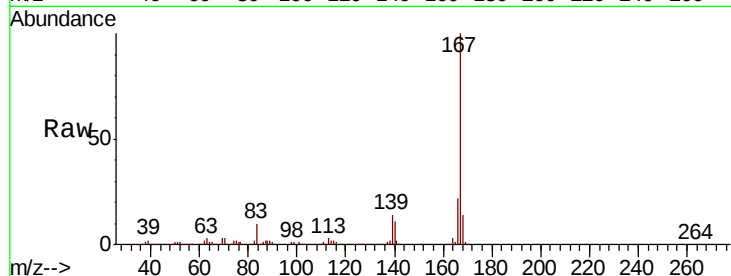
Tot Ion:167 Resp: 1127092

Ion Ratio Lower Upper

167 100

166 22.3 17.8 26.6

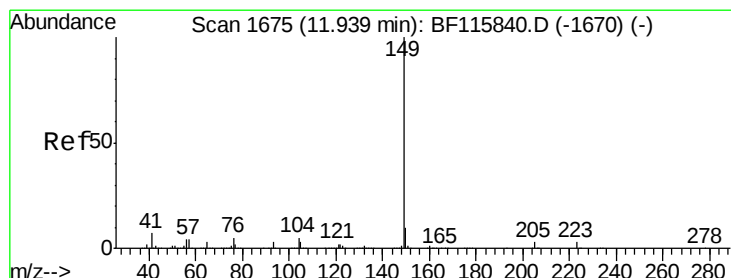
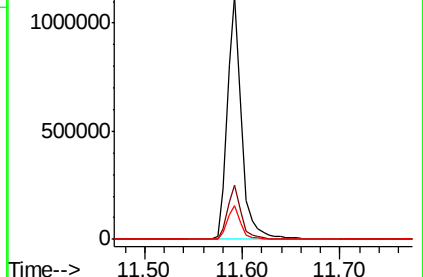
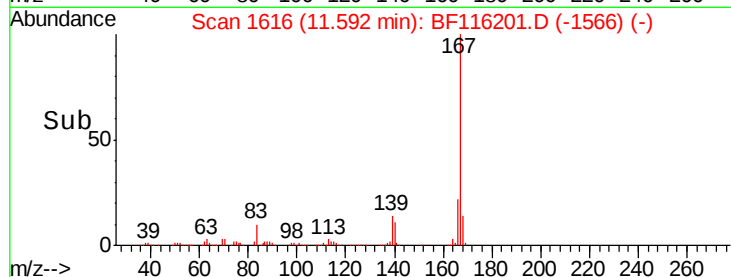
139 13.9 11.4 17.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 53.447 ng

RT: 11.91 min Scan# 1670

Delta R.T. -0.01 min

Lab File: BF116201.D

Acq: 12 Aug 2019 20:58

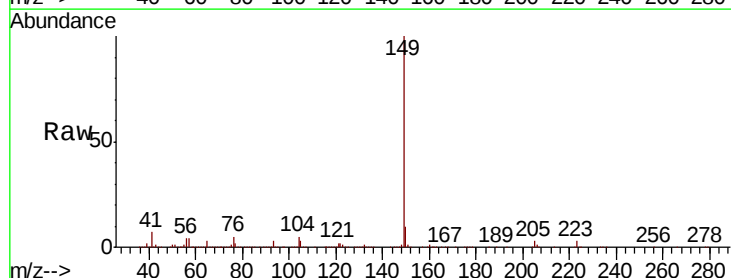
Tgt Ion:149 Resp: 1410465

Ion Ratio Lower Upper

149 100

150 9.7 8.0 12.0

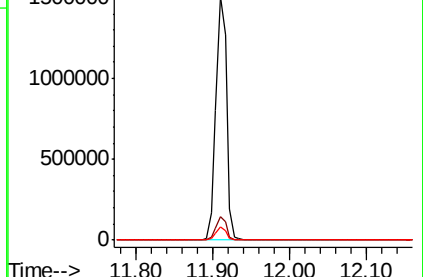
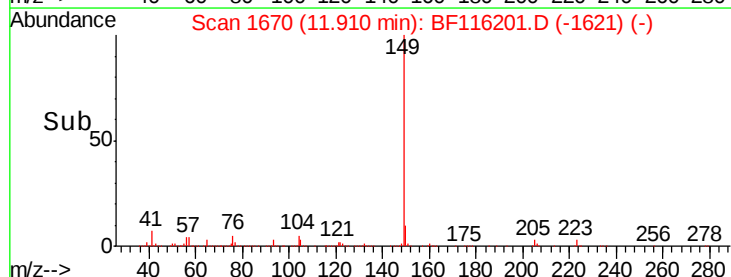
104 5.4 4.5 6.7

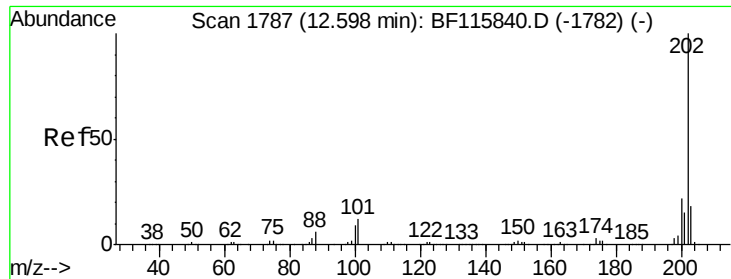


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

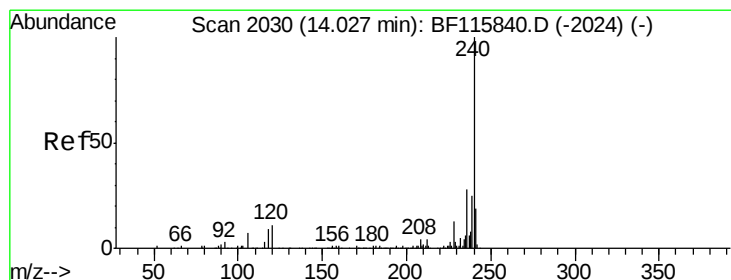
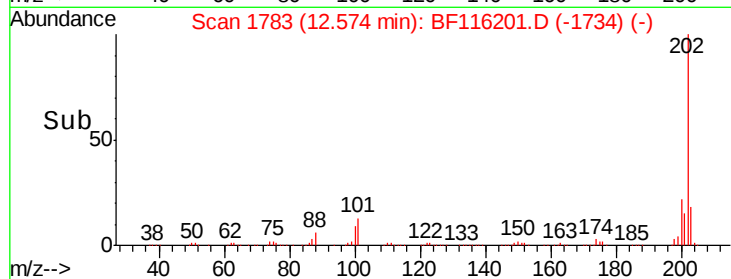
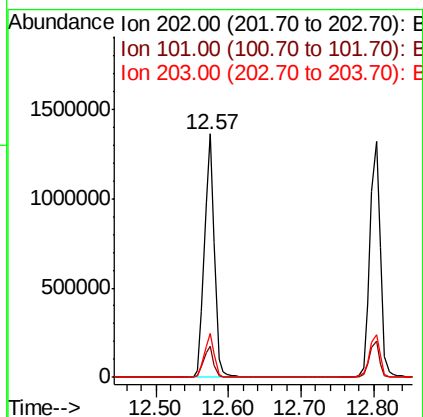
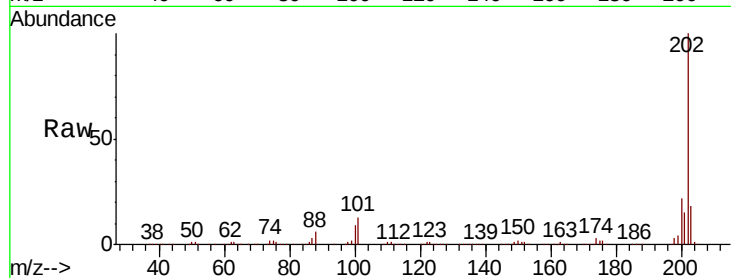




#75
 Fluoranthene
 Concen: 50.586 ng
 RT: 12.57 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: BF116201.D
 Acq: 12 Aug 2019 20:58

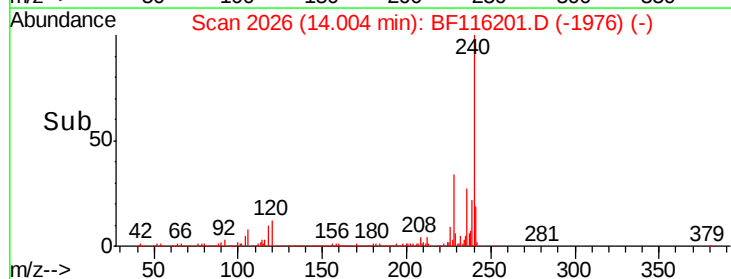
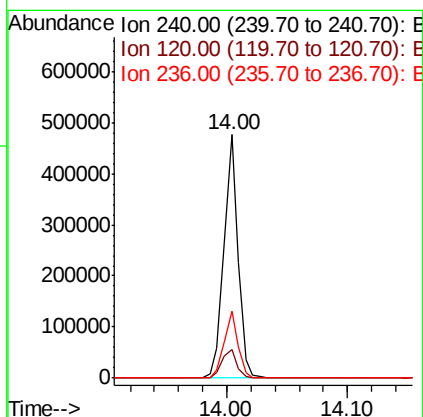
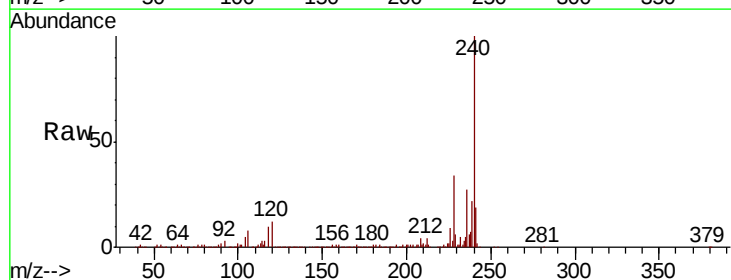
Instrument :
 BNA_F
 ClientSampleId :
 HR-05-080919-AMSD

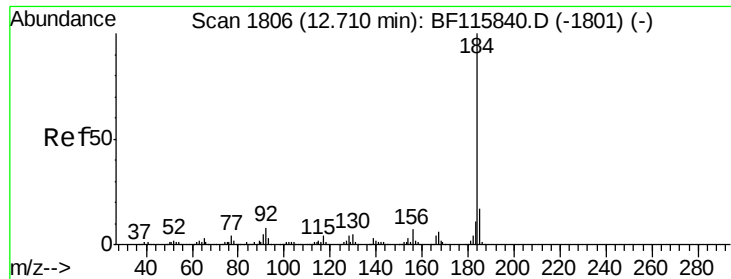
Tot Ion:202 Resp: 1304832
 Ion Ratio Lower Upper
 202 100
 101 12.8 0.0 31.2
 203 18.1 0.0 37.8



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF116201.D
 Acq: 12 Aug 2019 20:58

Tgt Ion:240 Resp: 386041
 Ion Ratio Lower Upper
 240 100
 120 11.6 10.7 16.1
 236 27.4 22.2 33.2





#77

Benzidine

Concen: 7.305 ng

RT: 12.70 min Scan# 1804

Delta R.T. 0.00 min

Lab File: BF116201.D

Acq: 12 Aug 2019 20:58

Instrument :

BNA_F

ClientSampleId :

HR-05-080919-AMSD

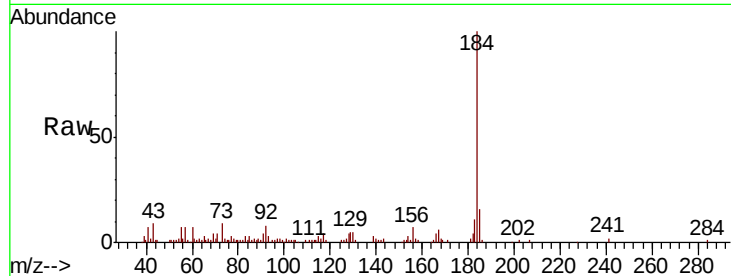
Tot Ion:184 Resp: 95278

Ion Ratio Lower Upper

184 100

185 15.5 12.8 19.2

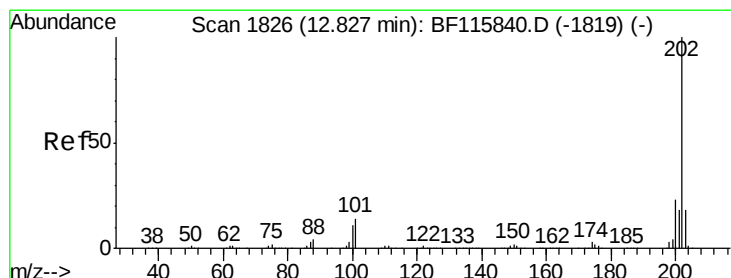
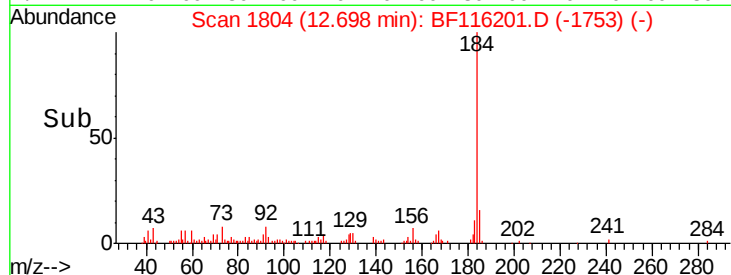
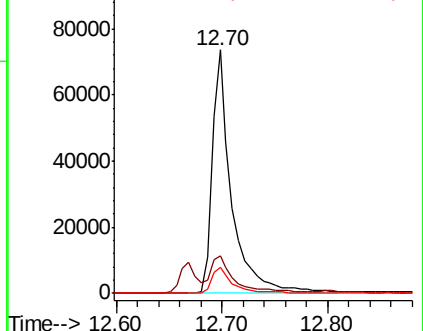
183 10.8 9.4 14.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 45.443 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BF116201.D

Acq: 12 Aug 2019 20:58

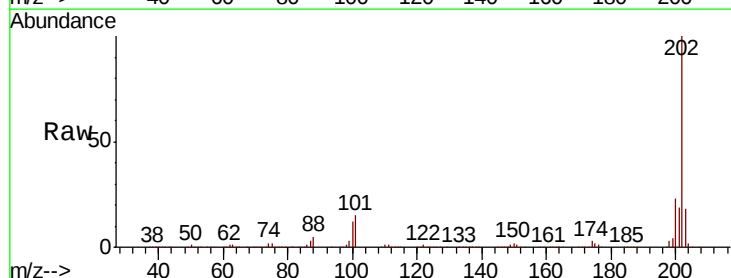
Tgt Ion:202 Resp: 1322413

Ion Ratio Lower Upper

202 100

200 22.8 18.0 27.0

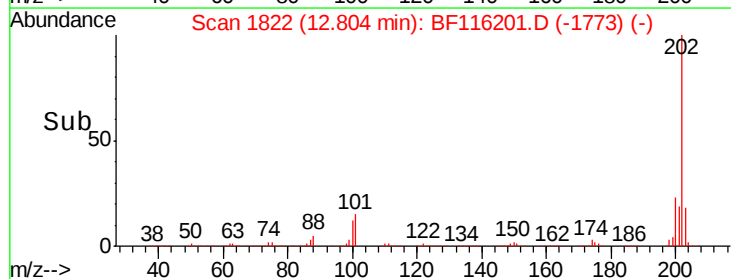
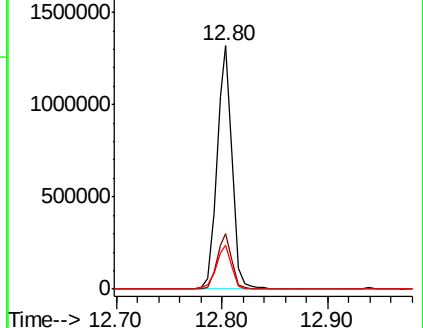
203 18.1 14.1 21.1

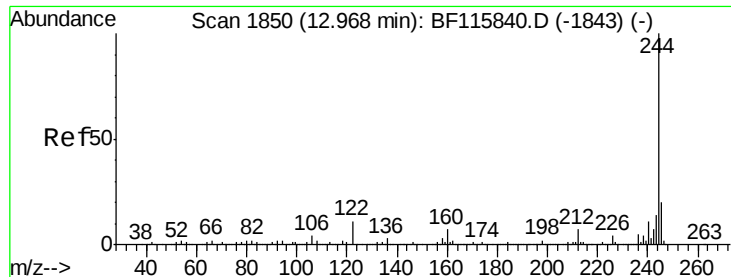


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 95.780 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF116201.D

Acq: 12 Aug 2019 20:58

Instrument :

BNA_F

ClientSampleId :

HR-05-080919-AMSD

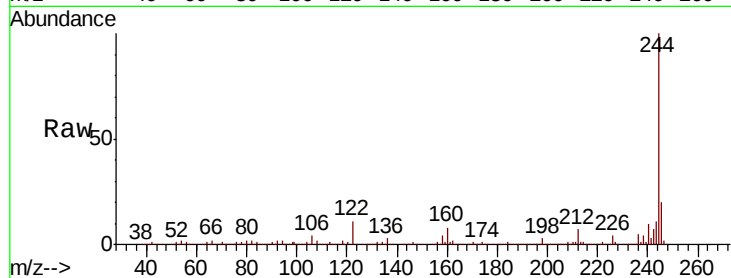
Tot Ion:244 Resp: 1754730

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

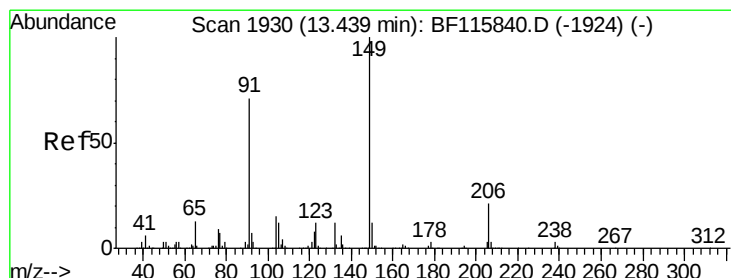
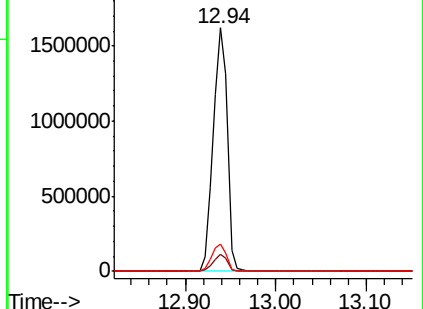
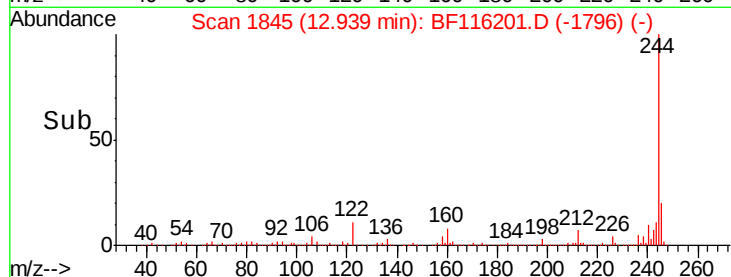
122 11.4 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 51.539 ng

RT: 13.41 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BF116201.D

Acq: 12 Aug 2019 20:58

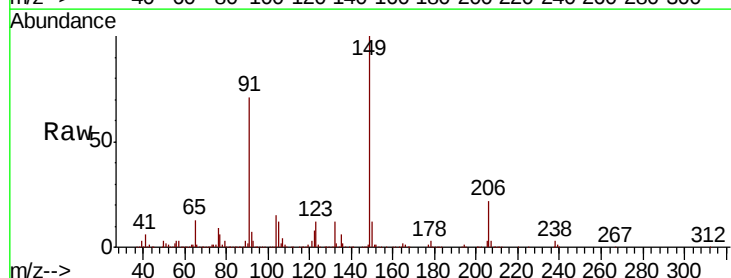
Tgt Ion:149 Resp: 634422

Ion Ratio Lower Upper

149 100

91 70.7 56.3 84.5

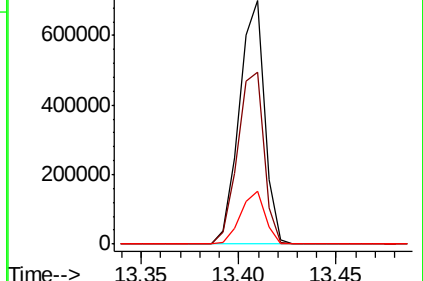
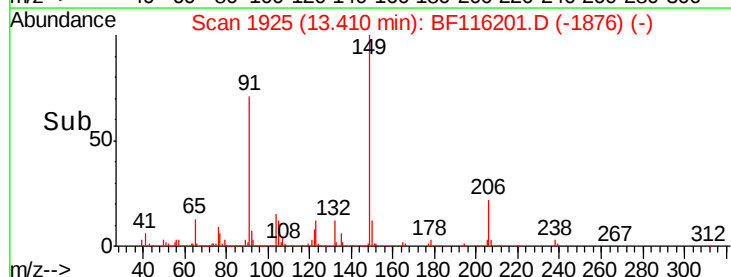
206 21.8 18.0 27.0

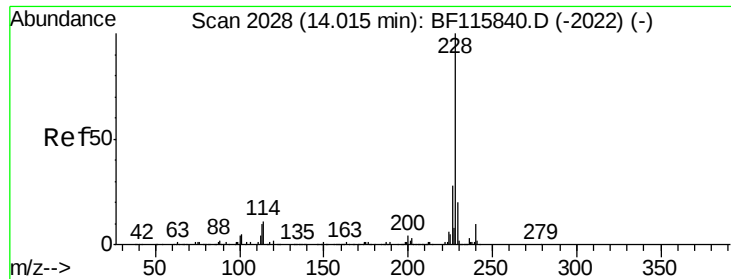


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.769 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF116201.D

Acq: 12 Aug 2019 20:58

Instrument :

BNA_F

ClientSampleId :

HR-05-080919-AMSD

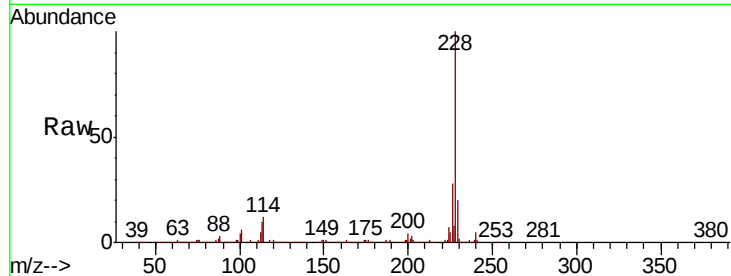
Tot Ion:228 Resp: 1153990

Ion Ratio Lower Upper

228 100

226 28.4 22.7 34.1

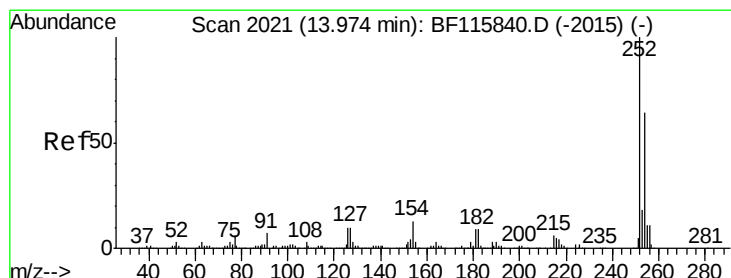
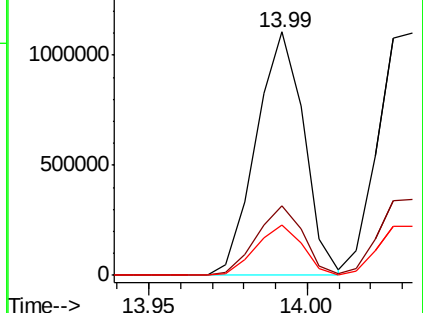
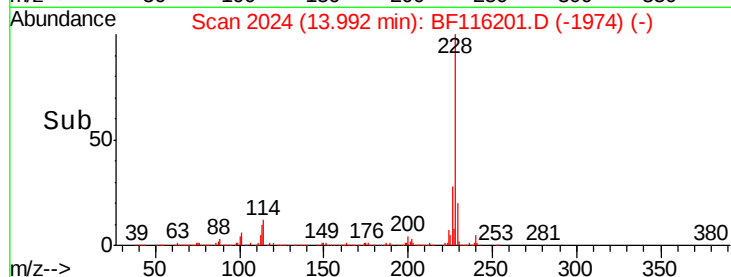
229 20.5 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 18.635 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF116201.D

Acq: 12 Aug 2019 20:58

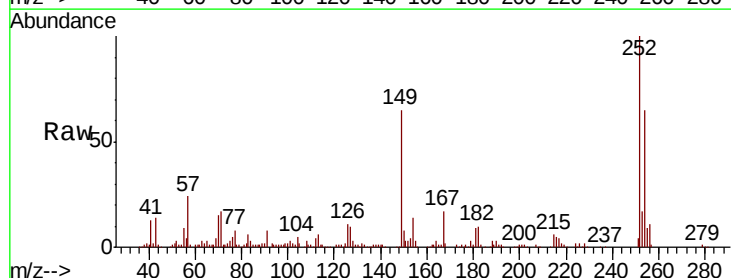
Tgt Ion:252 Resp: 159748

Ion Ratio Lower Upper

252 100

254 65.1 50.9 76.3

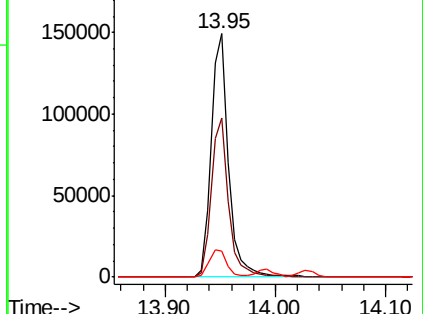
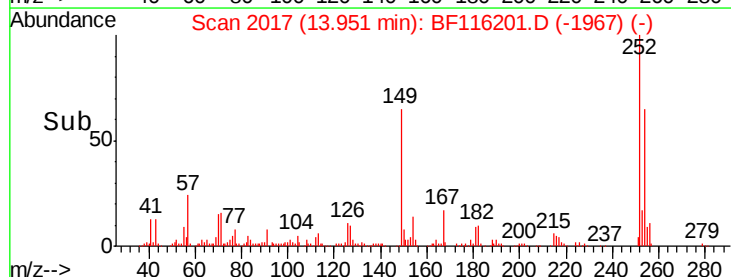
126 10.6 9.8 14.8

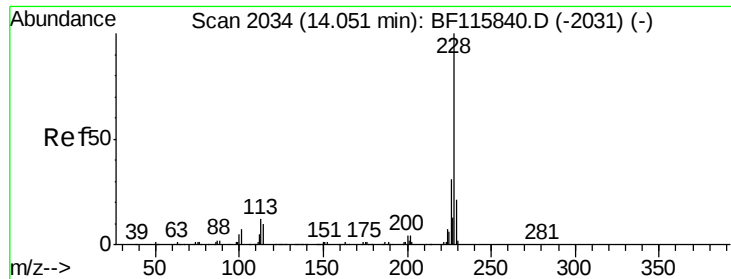


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

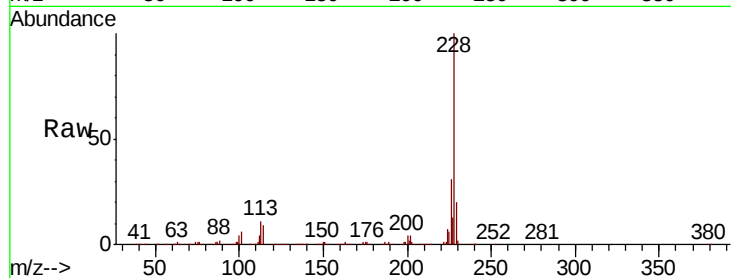




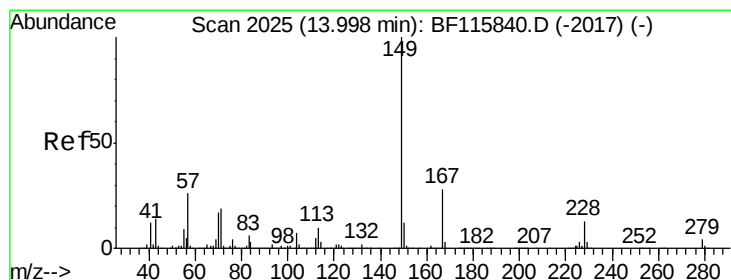
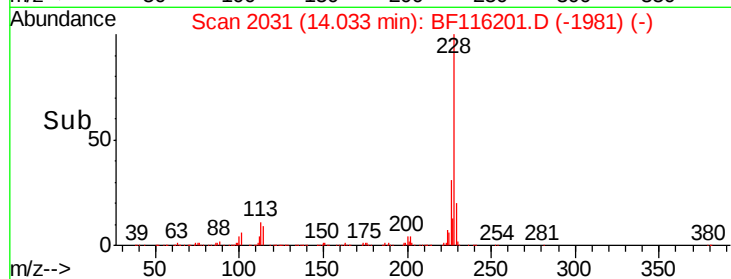
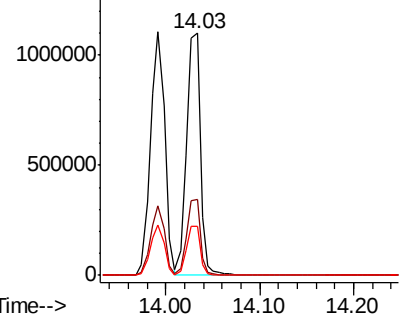
#83
 Chrvsene
 Concen: 46.936 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF116201.D
 Acq: 12 Aug 2019 20:58

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-080919-AMSD

Tot Ion:228 Resp: 1124350
 Ion Ratio Lower Upper
 228 100
 226 31.4 25.5 38.3
 229 20.3 16.6 24.8

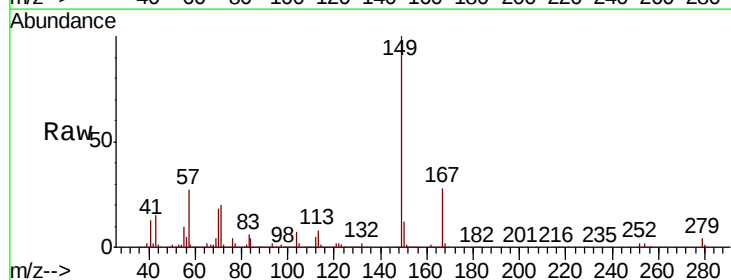


Abundance Ion 228.00 (227.70 to 228.70): E
 1500000 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

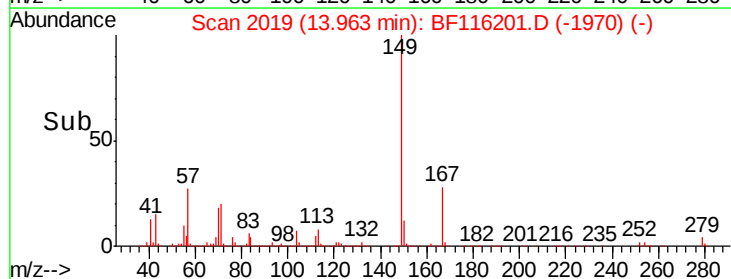
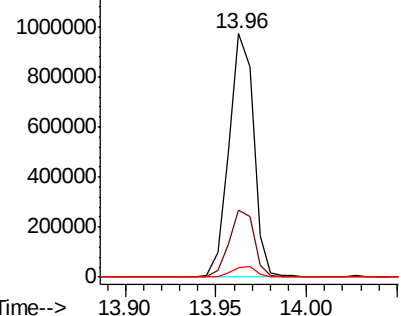


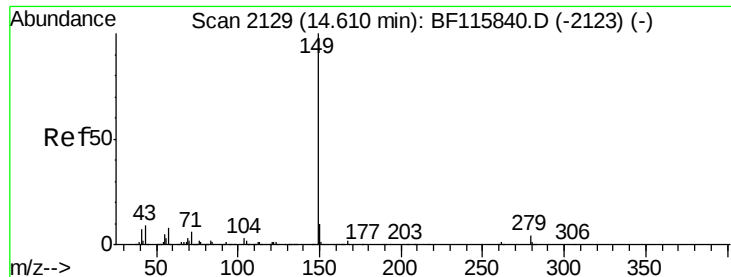
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 57.652 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.01 min
 Lab File: BF116201.D
 Acq: 12 Aug 2019 20:58

Tgt Ion:149 Resp: 922205
 Ion Ratio Lower Upper
 149 100
 167 27.7 21.6 32.4
 279 3.8 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E
 1200000 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 59.165 ng

RT: 14.57 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BF116201.D

Acq: 12 Aug 2019 20:58

Instrument :

BNA_F

ClientSampleId :

HR-05-080919-AMSD

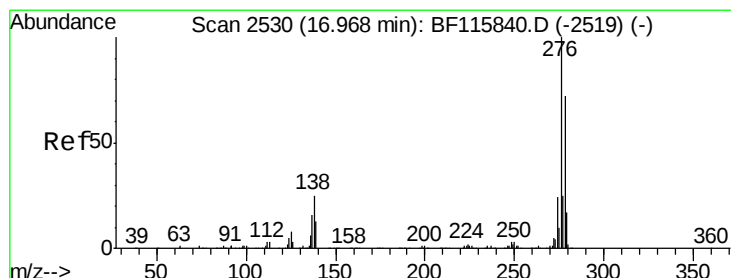
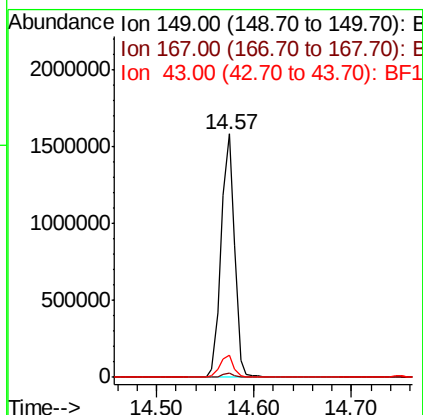
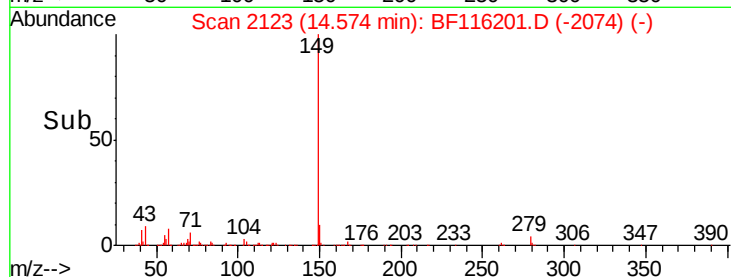
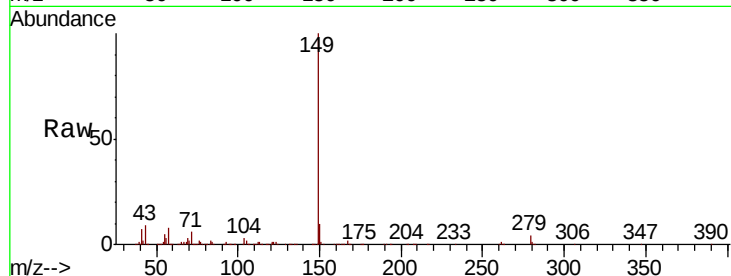
Tot Ion:149 Resp: 1503259

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

43 9.0 7.5 11.3



#86

Indeno(1,2,3-cd)pyrene

Concen: 50.657 ng

RT: 16.95 min Scan# 2527

Delta R.T. 0.00 min

Lab File: BF116201.D

Acq: 12 Aug 2019 20:58

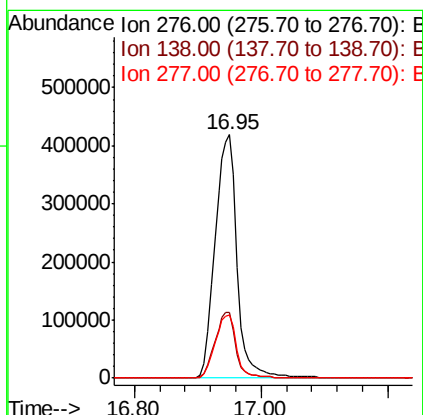
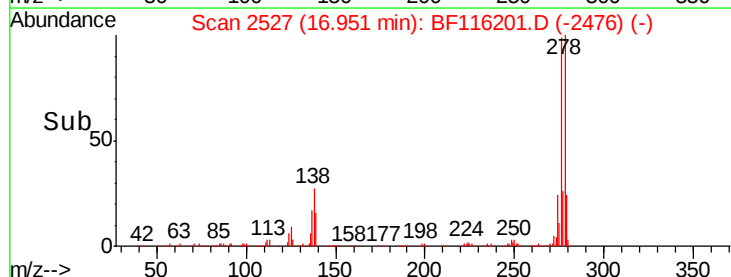
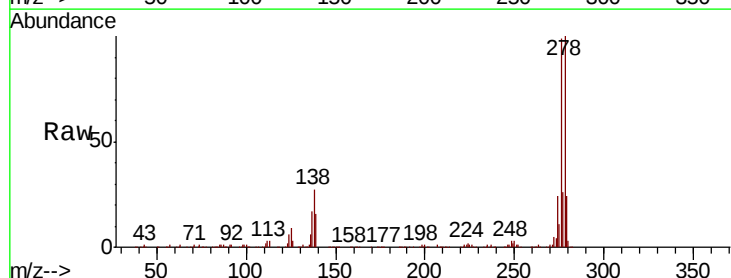
Tgt Ion:276 Resp: 1019210

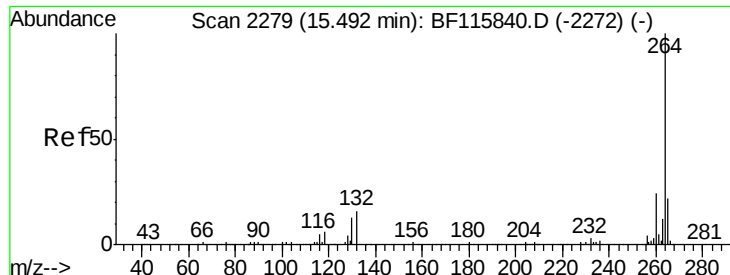
Ion Ratio Lower Upper

276 100

138 25.9 20.4 30.6

277 25.6 20.0 30.0

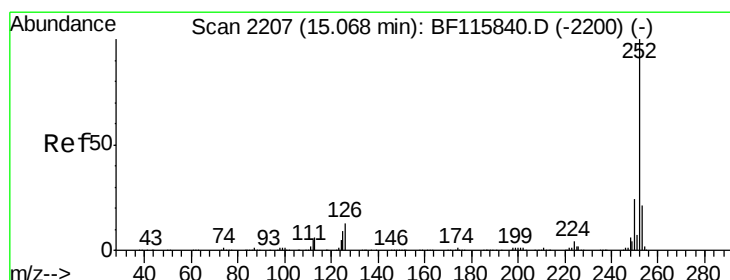
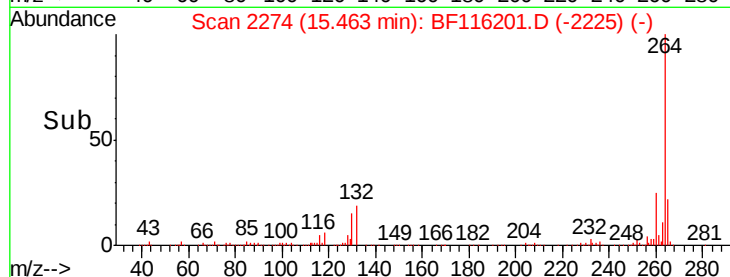
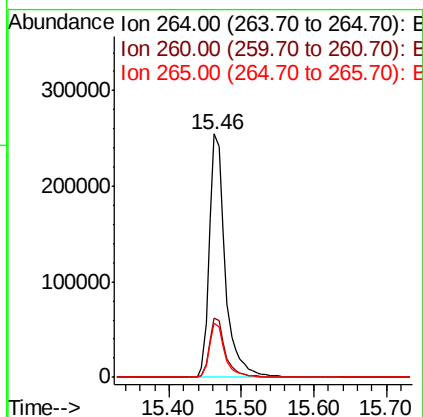
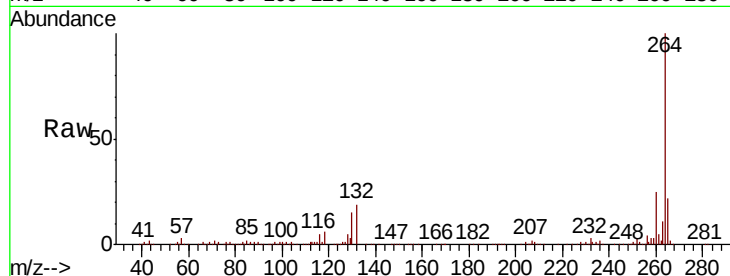




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

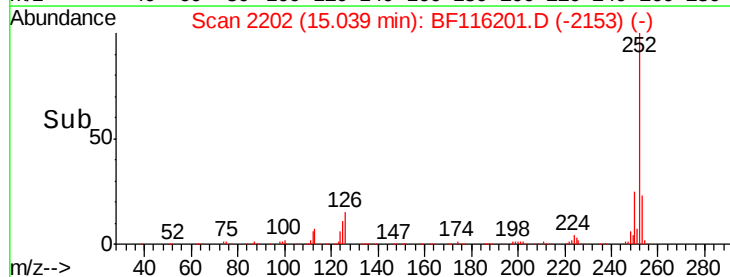
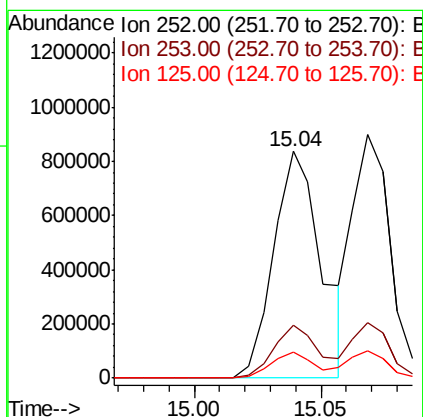
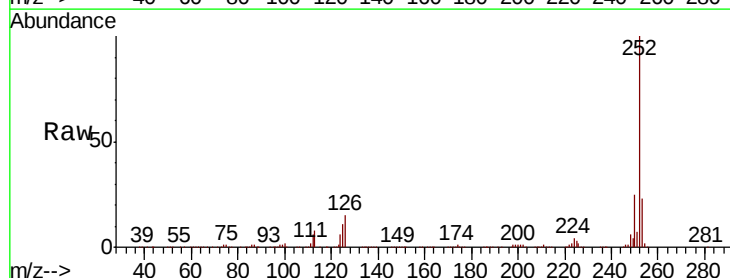
Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMSD

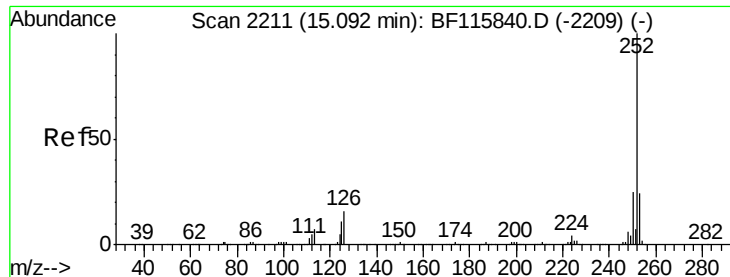
Tot Ion:264 Resp: 388242
Ion Ratio Lower Upper
264 100
260 24.5 19.7 29.5
265 22.1 17.4 26.0



#88
Benzo(b)fluoranthene
Concen: 49.110 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Tgt Ion:252 Resp: 1102452
Ion Ratio Lower Upper
252 100
253 23.2 17.8 26.8
125 11.5 8.4 12.6

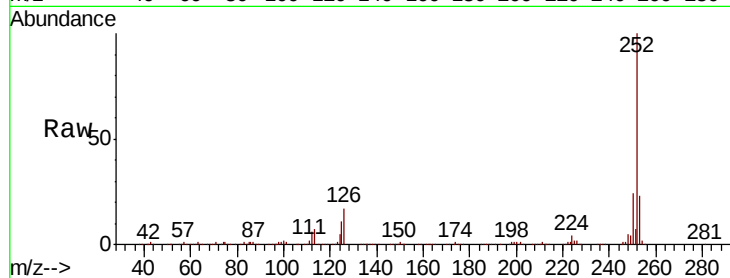




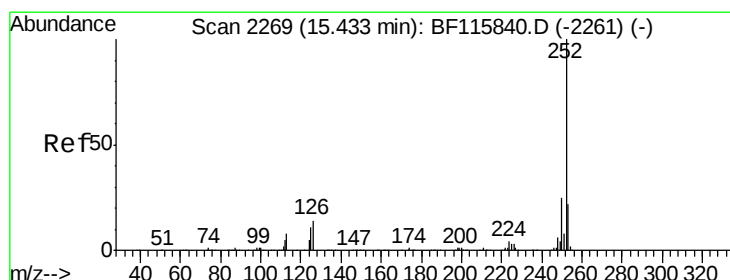
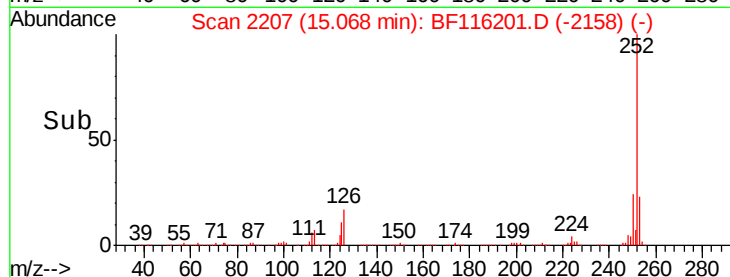
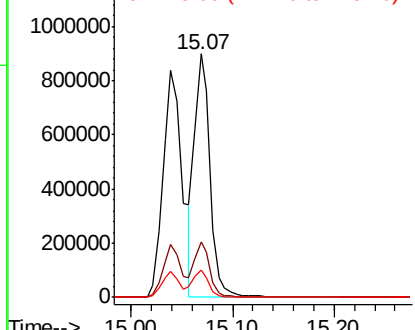
#89
Benzo(k)fluoranthene
Concen: 43.500 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMSD

Tot Ion:252 Resp: 951147
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 11.2 7.7 11.5

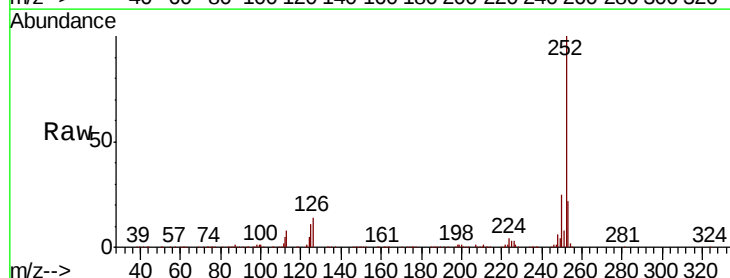


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

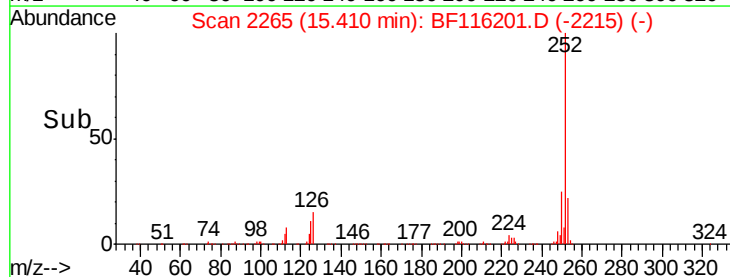
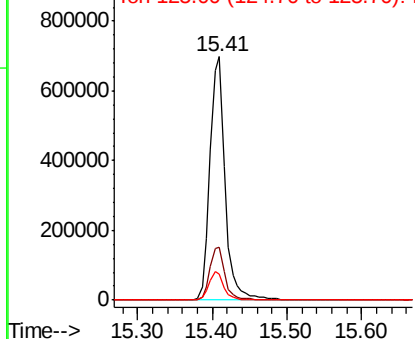


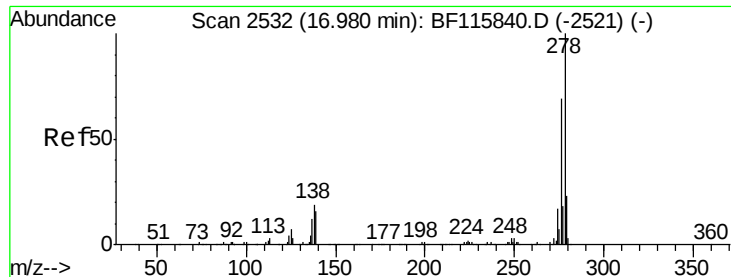
#90
Benzo(a)pyrene
Concen: 48.653 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Tgt Ion:252 Resp: 976336
Ion Ratio Lower Upper
252 100
253 21.9 18.0 27.0
125 10.9 8.9 13.3



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 49.925 ng

RT: 16.95 min Scan# 2527

Delta R.T. -0.01 min

Lab File: BF116201.D

Acq: 12 Aug 2019 20:58

Instrument :

BNA_F

ClientSampleId :

HR-05-080919-AMSD

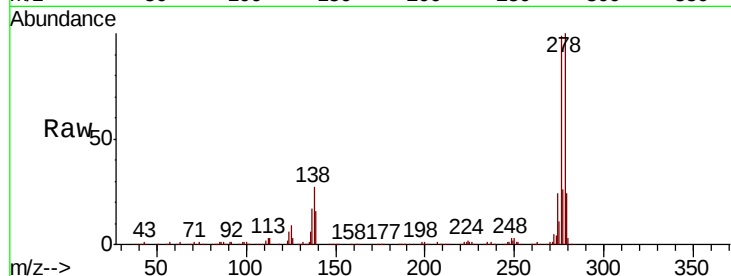
Tot Ion:278 Resp: 867213

Ion Ratio Lower Upper

278 100

139 16.5 12.8 19.2

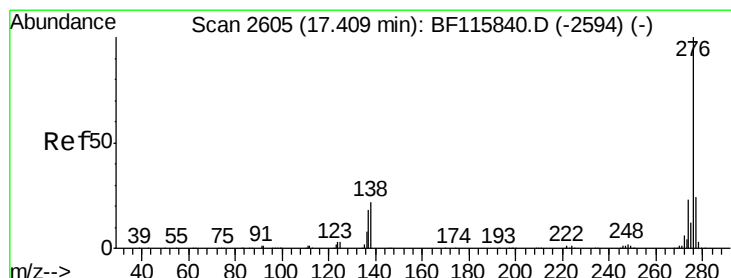
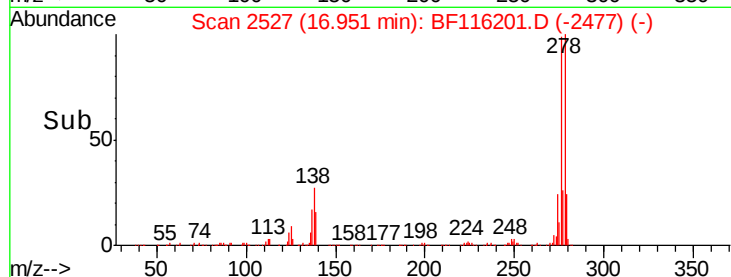
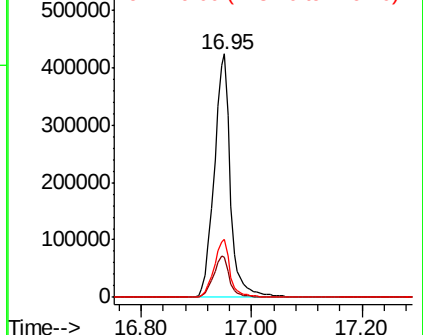
279 23.6 18.8 28.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 50.052 ng

RT: 17.39 min Scan# 2601

Delta R.T. 0.00 min

Lab File: BF116201.D

Acq: 12 Aug 2019 20:58

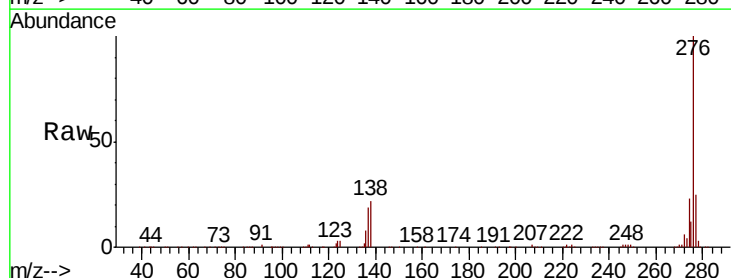
Tgt Ion:276 Resp: 853856

Ion Ratio Lower Upper

276 100

277 24.5 18.4 27.6

138 22.2 17.0 25.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

