

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
 Data File : BF116105.D
 Acq On : 9 Aug 2019 11:30
 Operator : HP/JU
 Sample : PB122075BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 10 02:10:05 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	6.84	152	130314	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	534432	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	278092	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	474332	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	329930	20.00	ng	0.00
87) Perylene-d12	15.46	264	276339	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	872413	112.07	ng	0.00
7) Phenol-d6	6.48	99	1098336	111.83	ng	0.00
23) Nitrobenzene-d5	7.40	82	715161	77.24	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	303951	112.73	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1237866	83.38	ng	-0.01
79) Terphenyl-d14	12.94	244	1330551	84.98	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.70	88	157916	40.156	ng	99
3) Pyridine	3.45	79	366717	33.383	ng	99
4) n-Nitrosodimethylamine	3.39	42	163411	37.694	ng	98
6) Aniline	6.50	93	427605	30.402	ng	92
8) 2-Chlorophenol	6.63	128	372609	43.287	ng	96
9) Benzaldehyde	6.39	77	150291	22.178	ng	98
10) Phenol	6.49	94	466573	40.342	ng	89
11) bis(2-Chloroethyl)ether	6.57	93	356871	41.970	ng	99
12) 1,3-Dichlorobenzene	6.78	146	397132	39.920	ng	98
13) 1,4-Dichlorobenzene	6.86	146	406046	40.765	ng	98
14) 1,2-Dichlorobenzene	7.01	146	373119	40.682	ng	99
15) Benzyl Alcohol	6.99	79	306382	41.107	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	463869	39.995	ng	88
17) 2-Methylphenol	7.10	107	307184	42.145	ng	99
18) Hexachloroethane	7.35	117	147648	40.261	ng	98
19) n-Nitroso-di-n-propylamine	7.25	70	253463	41.647	ng	97
20) 3+4-Methylphenols	7.25	107	375688	43.557	ng	96
22) Acetophenone	7.25	105	500394	42.693	ng	99
24) Nitrobenzene	7.42	77	411617	41.174	ng	100
25) Isophorone	7.66	82	738297	41.703	ng	100
26) 2-Nitrophenol	7.74	139	204962	43.494	ng	95
27) 2,4-Dimethylphenol	7.77	122	329978	46.543	ng	99
28) bis(2-Chloroethoxy)methane	7.86	93	454576	41.427	ng	99
29) 2,4-Dichlorophenol	7.99	162	320410	42.802	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	347108	40.677	ng	99
31) Naphthalene	8.14	128	1076143	42.790	ng	99
32) Benzoic acid	7.93	122	179845	35.980	ng	95
33) 4-Chloroaniline	8.19	127	277495	24.695	ng	98
34) Hexachlorobutadiene	8.26	225	194221	39.515	ng	98
35) Caprolactam	8.60	113	43592	18.005	ng	97
36) 4-Chloro-3-methylphenol	8.68	107	330151	42.394	ng	99
37) 2-Methylnaphthalene	8.83	142	705405	42.589	ng	99
38) 1-Methylnaphthalene	8.93	142	662802	42.300	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	325624	43.799	ng	99

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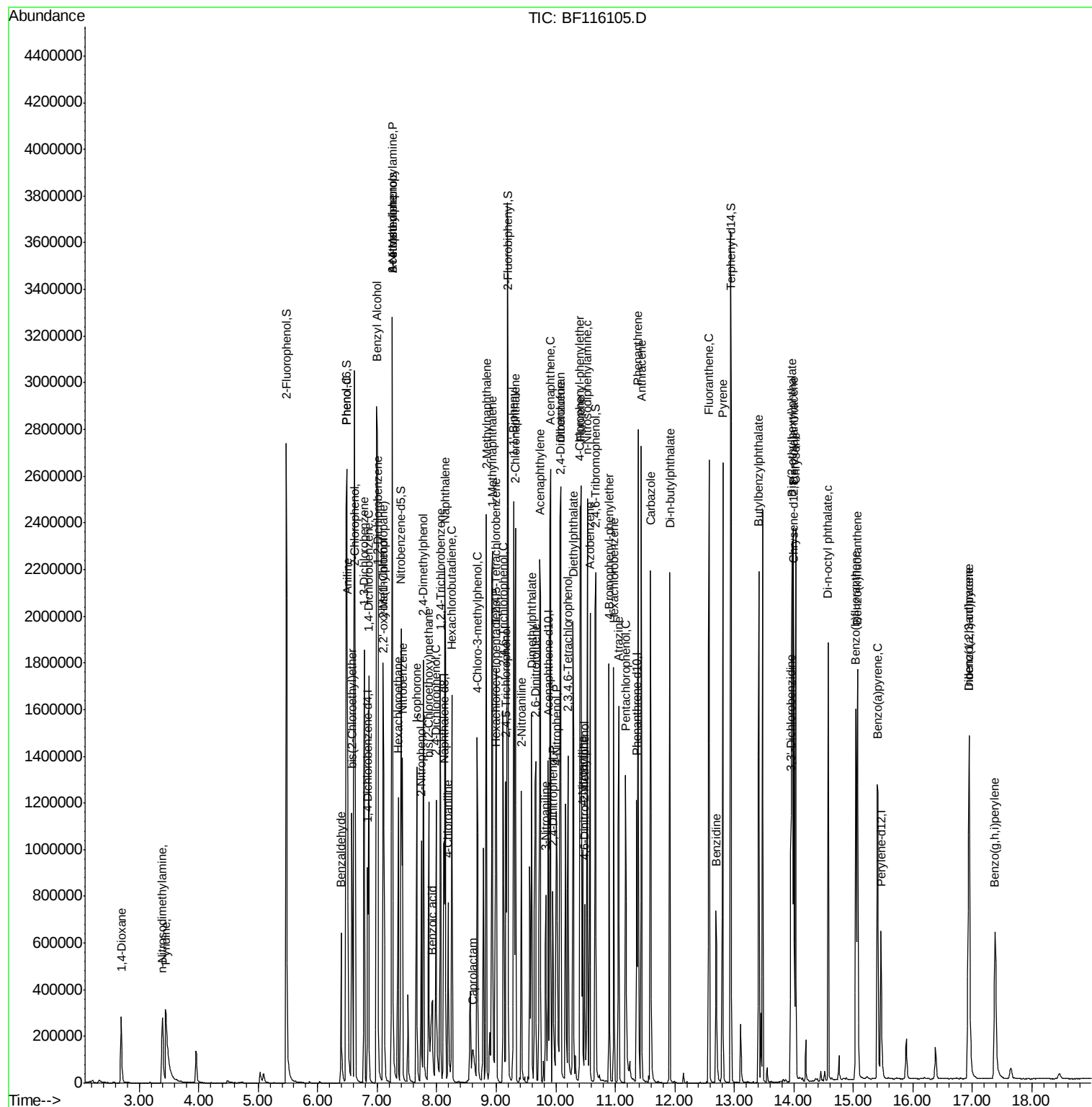
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	146867	46.669	ng	99
43) 2,4,6-Trichlorophenol	9.12	196	204481	39.959	ng	99
44) 2,4,5-Trichlorophenol	9.16	196	220525	41.689	ng	98
46) 1,1'-Biphenyl	9.29	154	854083	43.502	ng	98
47) 2-Chloronaphthalene	9.32	162	672541	41.158	ng	99
48) 2-Nitroaniline	9.42	65	209914	38.864	ng	97
49) Acenaphthylene	9.73	152	1007111	42.246	ng	98
50) Dimethylphthalate	9.59	163	776876	41.029	ng	100
51) 2,6-Dinitrotoluene	9.66	165	173764	42.228	ng	99
52) Acenaphthene	9.91	154	607277	41.523	ng	99
53) 3-Nitroaniline	9.83	138	134726	26.498	ng	97
54) 2,4-Dinitrophenol	9.95	184	137474	67.084	ng	96
55) Dibenzofuran	10.08	168	888982	41.798	ng	99
56) 4-Nitrophenol	10.01	139	220770	67.781	ng	92
57) 2,4-Dinitrotoluene	10.07	165	219330	40.034	ng	95
58) Fluorene	10.42	166	702218	42.913	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.20	232	187949	42.233	ng	99
60) Diethylphthalate	10.29	149	734265	41.535	ng	99
61) 4-Chlorophenyl-phenylether	10.41	204	354700	42.800	ng	99
62) 4-Nitroaniline	10.45	138	187566	35.696	ng	99
63) Azobenzene	10.57	77	762225	41.919	ng	95
65) 4,6-Dinitro-2-methylphenol	10.49	198	109565	43.588	ng	98
66) n-Nitrosodiphenylamine	10.53	169	616070	43.151	ng	99
67) 4-Bromophenyl-phenylether	10.90	248	214539	42.251	ng	96
68) Hexachlorobenzene	10.97	284	240834	41.017	ng	97
69) Atrazine	11.06	200	188377	40.107	ng	100
70) Pentachlorophenol	11.17	266	212669	74.604	ng	98
71) Phenanthrene	11.39	178	1019736	42.053	ng	99
72) Anthracene	11.44	178	1065250	43.407	ng	99
73) Carbazole	11.59	167	960872	43.157	ng	100
74) Di-n-butylphthalate	11.92	149	1130011	43.507	ng	98
75) Fluoranthene	12.57	202	1073094	42.271	ng	98
77) Benzidine	12.69	184	344041	30.866	ng	98
78) Pyrene	12.80	202	1081085	43.468	ng	99
80) Butylbenzylphthalate	13.41	149	464546	44.157	ng	97
81) Benzo(a)anthracene	13.99	228	872512	41.375	ng	100
82) 3,3'-Dichlorobenzidine	13.95	252	270555	36.929	ng	99
83) Chrysene	14.03	228	853103	41.669	ng	100
84) Bis(2-ethylhexyl)phthalate	13.97	149	628370	45.963	ng	99
85) Di-n-octyl phthalate	14.58	149	964127	44.400	ng	99
86) Indeno(1,2,3-cd)pyrene	16.94	276	723021	42.048	ng	99
88) Benzo(b)fluoranthene	15.04	252	798896	49.999	ng	99
89) Benzo(k)fluoranthene	15.07	252	696306	44.741	ng	99
90) Benzo(a)pyrene	15.41	252	699872	48.999	ng	99
91) Dibenzo(a,h)anthracene	16.94	278	620949	50.223	ng	99
92) Benzo(g,h,i)perylene	17.38	276	615401	50.682	ng	99

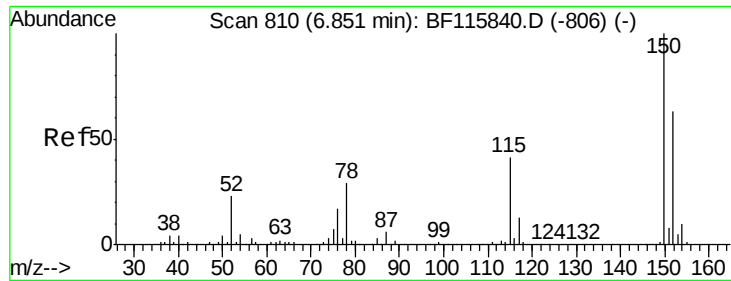
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.84 min Scan# 808

Delta R.T. -0.01 min

Lab File: BF116105.D

Acq: 9 Aug 2019 11:30

Instrument :

BNA_F

ClientSampleId :

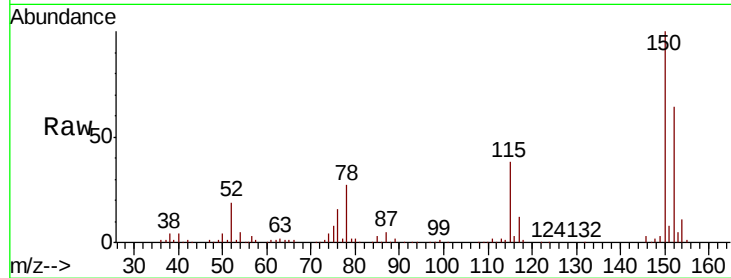
Tot Ion:152 Resp: 130314

Ion Ratio Lower Upper

152 100

150 155.5 126.2 189.2

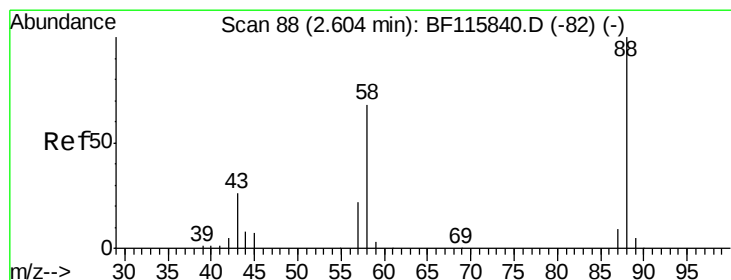
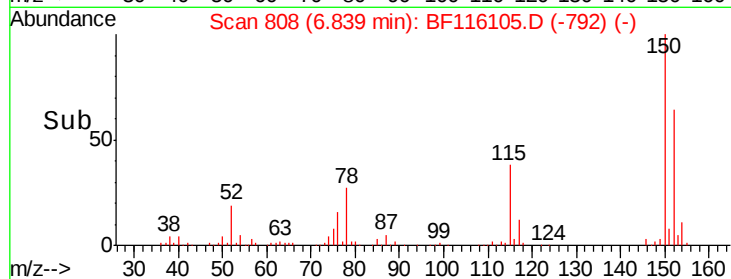
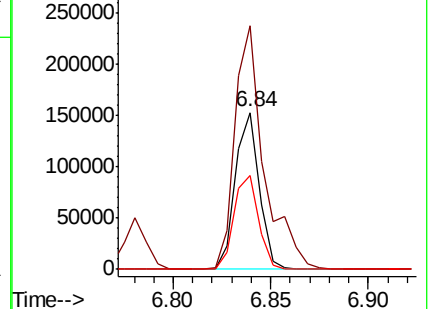
115 59.8 49.9 74.9



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



#2

1,4-Dioxane

Concen: 40.156 ng

RT: 2.70 min Scan# 104

Delta R.T. 0.09 min

Lab File: BF116105.D

Acq: 9 Aug 2019 11:30

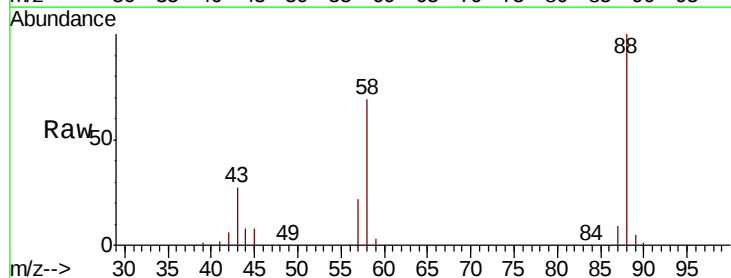
Tgt Ion: 88 Resp: 157916

Ion Ratio Lower Upper

88 100

58 67.6 53.7 80.5

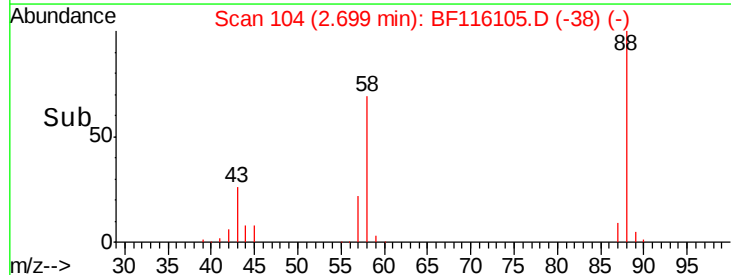
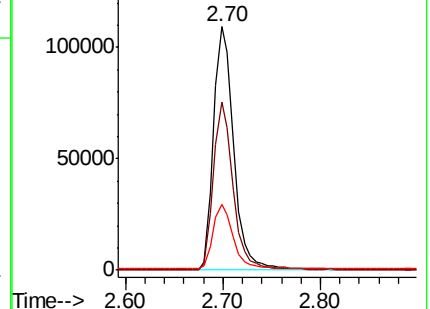
43 26.5 21.0 31.4

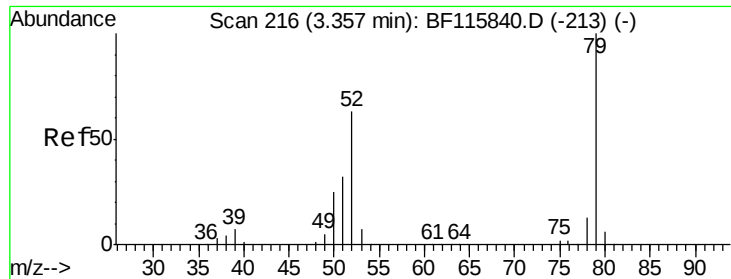


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 33.383 ng

RT: 3.45 min Scan# 231

Delta R.T. 0.08 min

Lab File: BF116105.D

Acq: 9 Aug 2019 11:30

Instrument :

BNA_F

ClientSampleId :

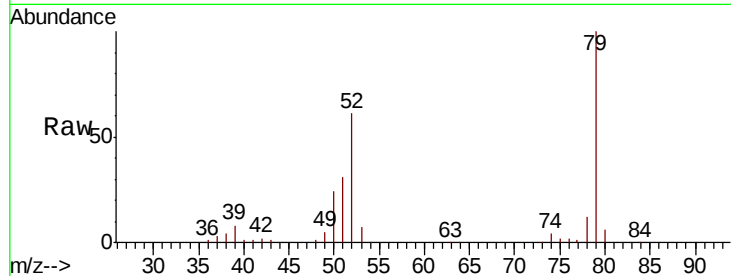
Tot Ion: 79 Resp: 366717

Ion Ratio Lower Upper

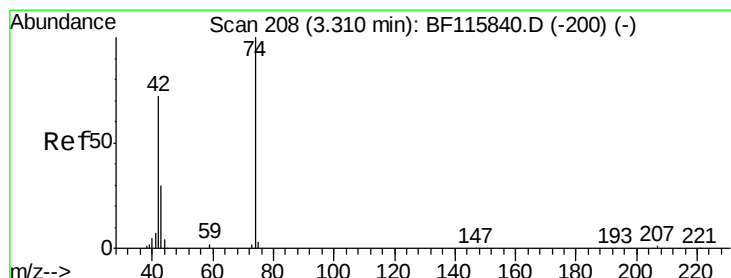
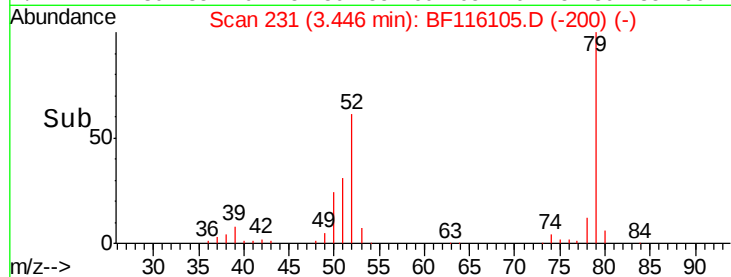
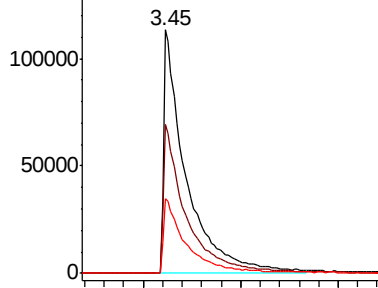
79 100

52 61.3 49.8 74.8

51 30.8 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: 37.694 ng

RT: 3.39 min Scan# 222

Delta R.T. 0.06 min

Lab File: BF116105.D

Acq: 9 Aug 2019 11:30

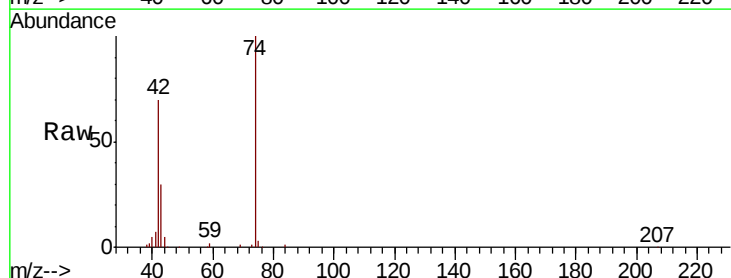
Tgt Ion: 42 Resp: 163411

Ion Ratio Lower Upper

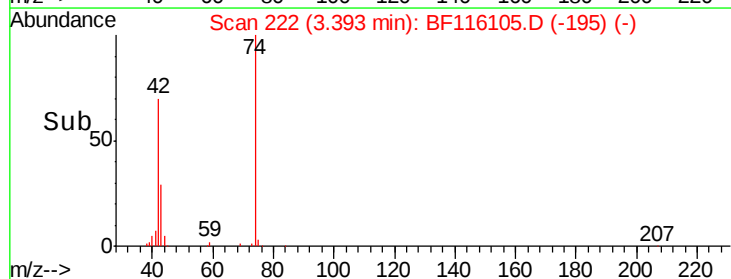
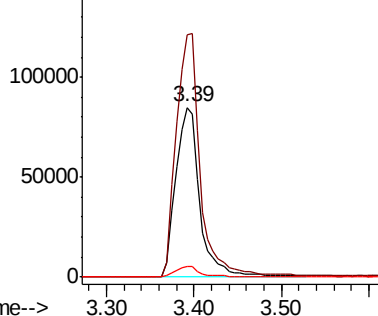
42 100

74 142.4 116.0 174.0

44 6.4 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: 112.073 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF116105.D

Acq: 9 Aug 2019 11:30

Instrument :
BNA_F
ClientSampleId :

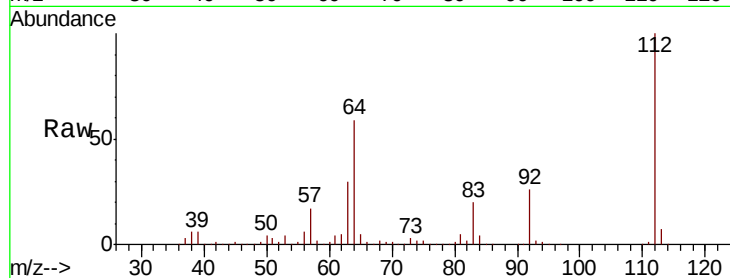
Tot Ion:112 Resp: 872413

Ion Ratio Lower Upper

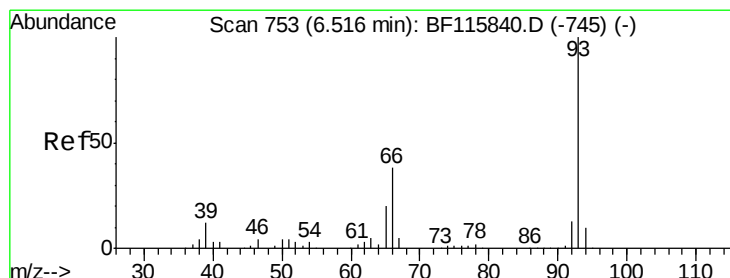
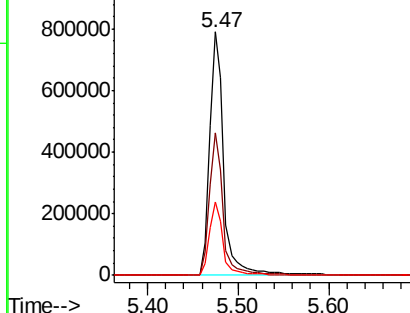
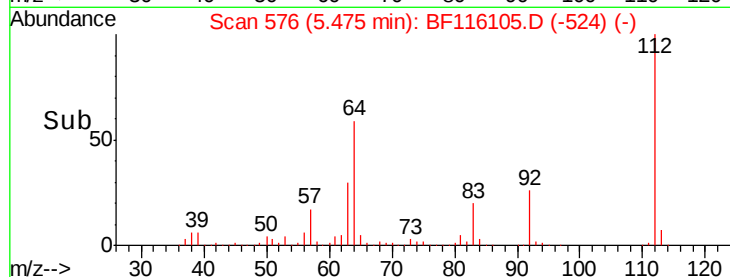
112 100

64 58.8 45.4 68.2

63 30.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 30.402 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF116105.D

Acq: 9 Aug 2019 11:30

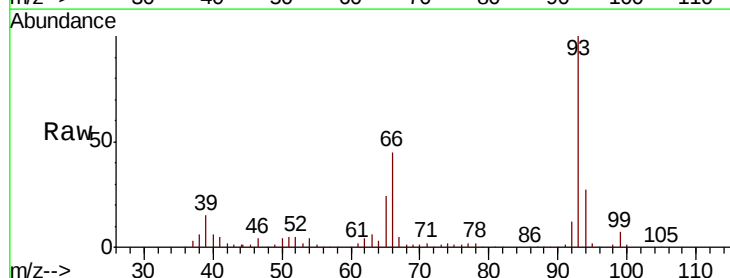
Tgt Ion: 93 Resp: 427605

Ion Ratio Lower Upper

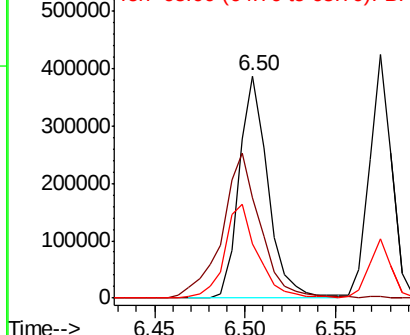
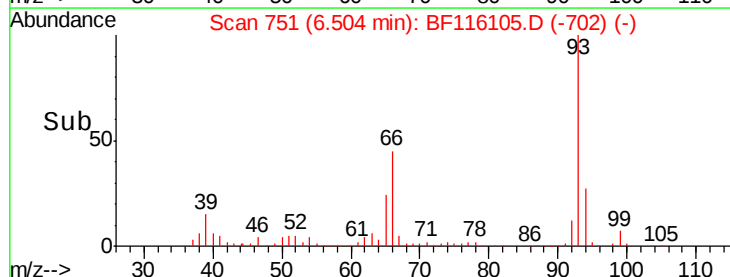
93 100

66 45.3 32.2 48.4

65 24.4 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: 111.832 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116105.D

Acq: 9 Aug 2019 11:30

Instrument :

BNA_F

ClientSampled :

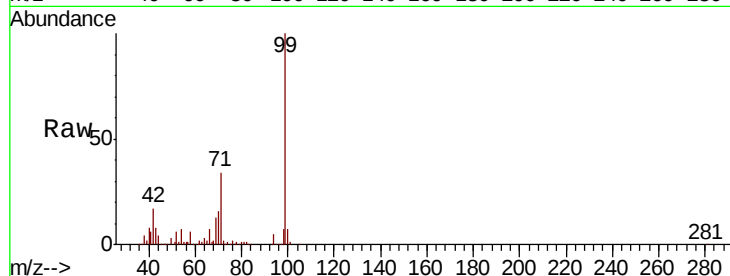
Tot Ion: 99 Resp: 1098336

Ion Ratio Lower Upper

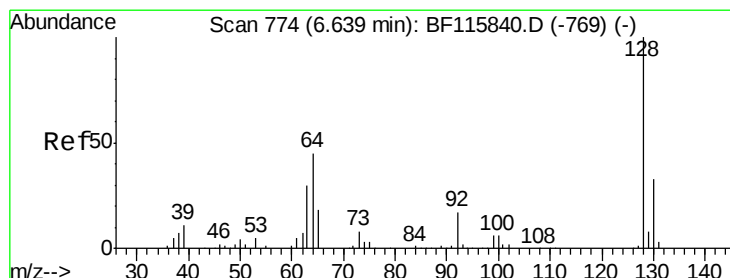
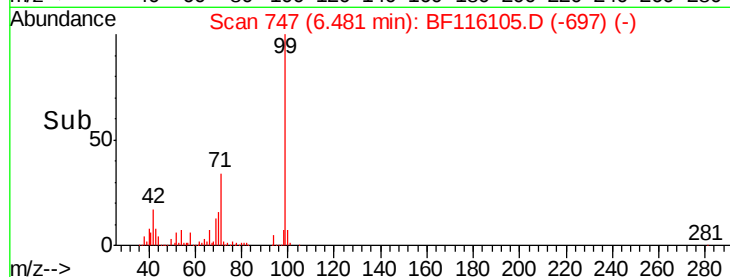
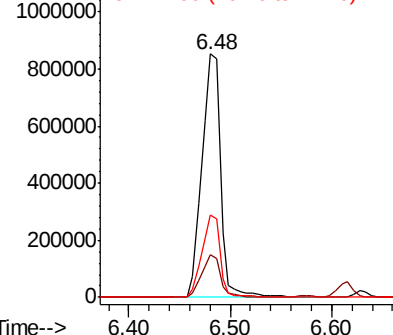
99 100

42 17.4 13.8 20.8

71 34.1 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: 43.287 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF116105.D

Acq: 9 Aug 2019 11:30

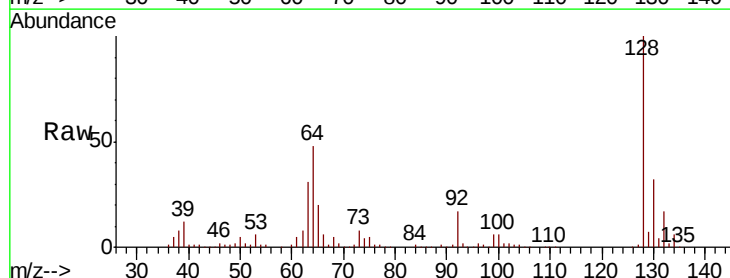
Tgt Ion: 128 Resp: 372609

Ion Ratio Lower Upper

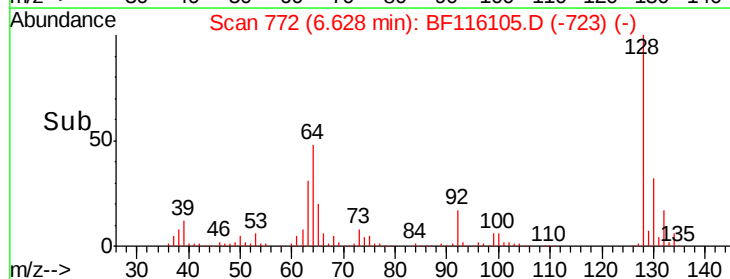
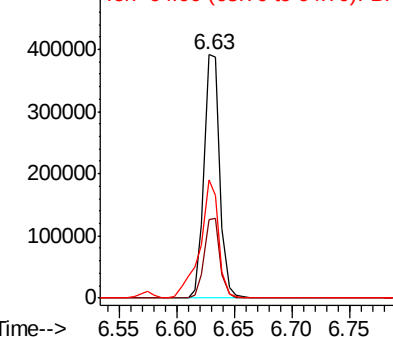
128 100

130 32.0 12.9 52.9

64 48.4 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: 22.178 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF116105.D

Acq: 9 Aug 2019 11:30

Instrument :

BNA_F

ClientSampleId :

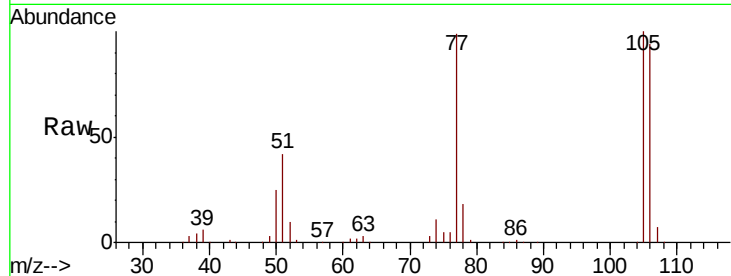
Tot Ion: 77 Resp: 150291

Ion Ratio Lower Upper

77 100

105 101.3 79.2 119.2

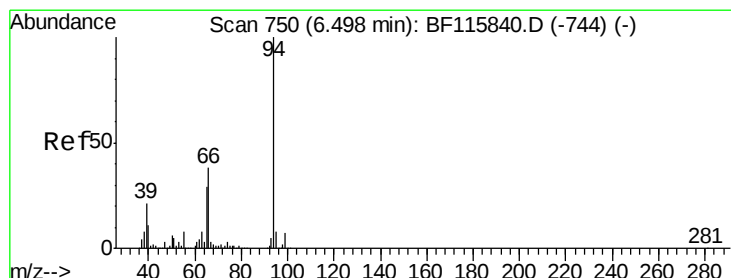
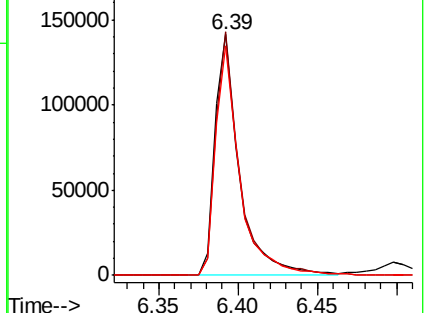
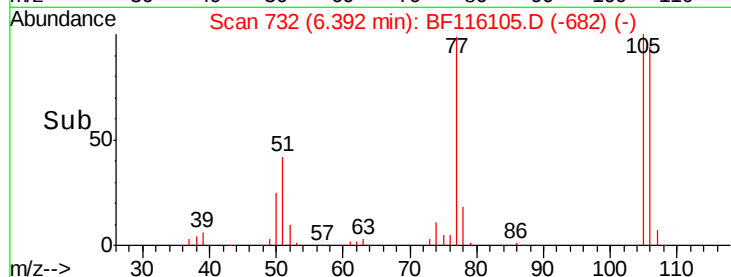
106 95.4 74.3 114.3



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: 40.342 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF116105.D

Acq: 9 Aug 2019 11:30

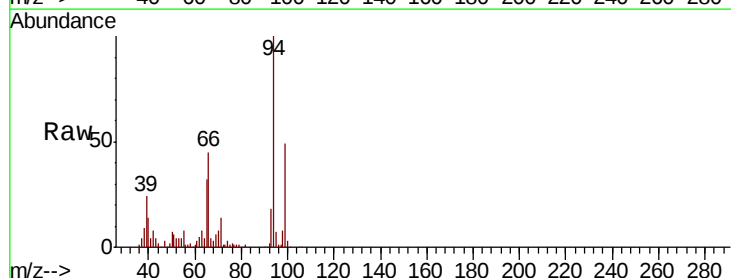
Tgt Ion: 94 Resp: 466573

Ion Ratio Lower Upper

94 100

65 32.1 16.8 56.8

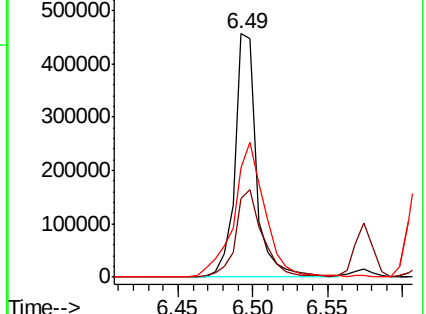
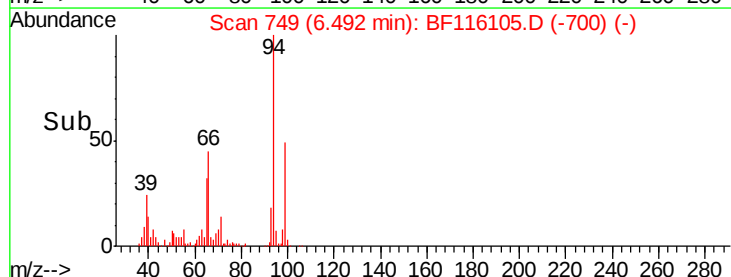
66 45.1 34.2 74.2

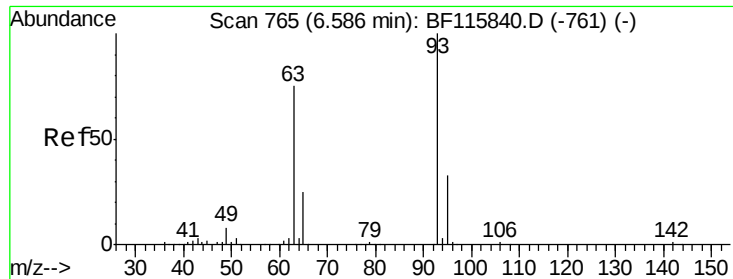


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 41.970 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF116105.D

Acq: 9 Aug 2019 11:30

Instrument :

BNA_F

ClientSampled :

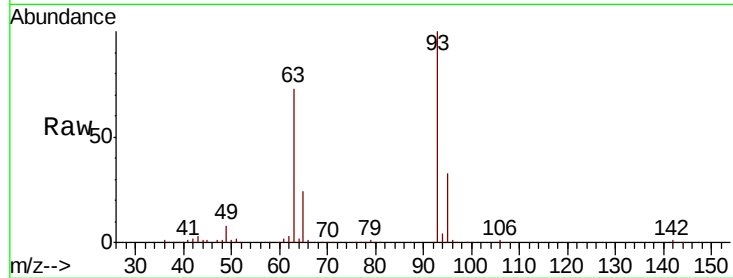
Tot Ion: 93 Resp: 356871

Ion Ratio Lower Upper

93 100

63 73.3 51.9 91.9

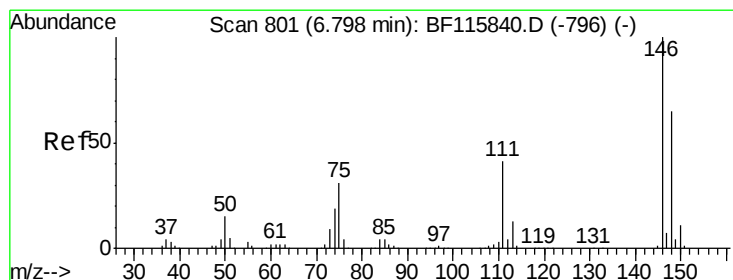
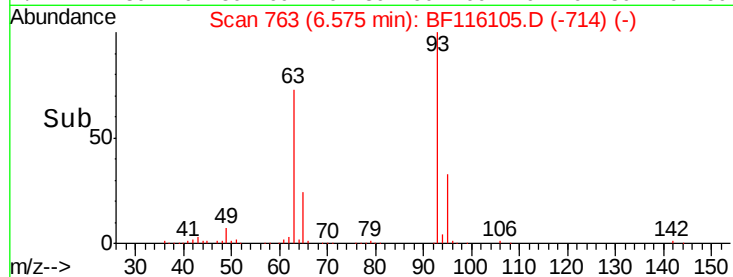
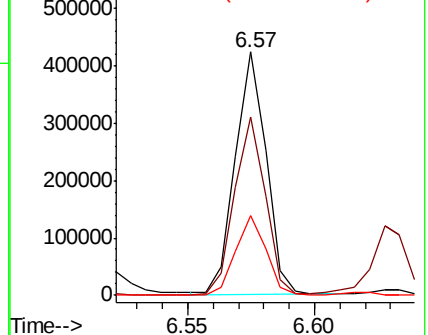
95 32.8 13.0 53.0



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 39.920 ng

RT: 6.78 min Scan# 798

Delta R.T. -0.01 min

Lab File: BF116105.D

Acq: 9 Aug 2019 11:30

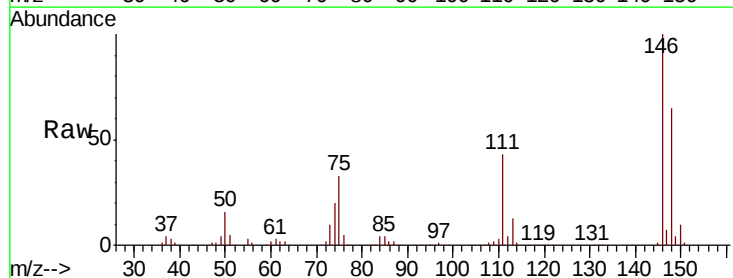
Tgt Ion: 146 Resp: 397132

Ion Ratio Lower Upper

146 100

148 65.4 51.3 76.9

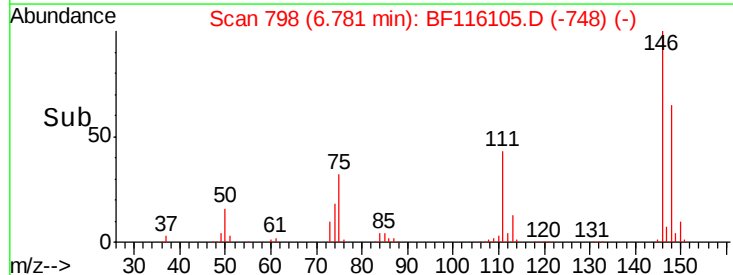
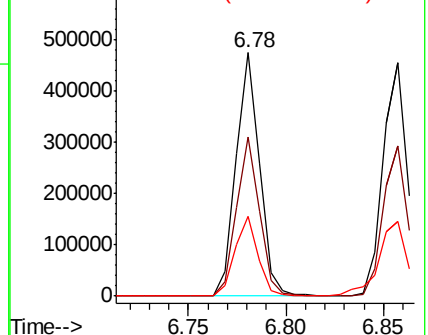
75 32.6 27.4 41.2

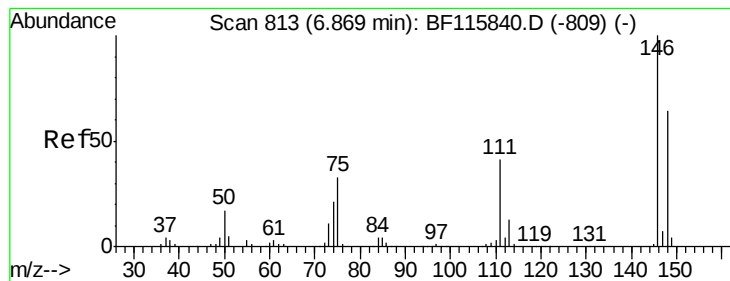


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 40.765 ng

RT: 6.86 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF116105.D

Acq: 9 Aug 2019 11:30

Instrument :

BNA_F

ClientSampleId :

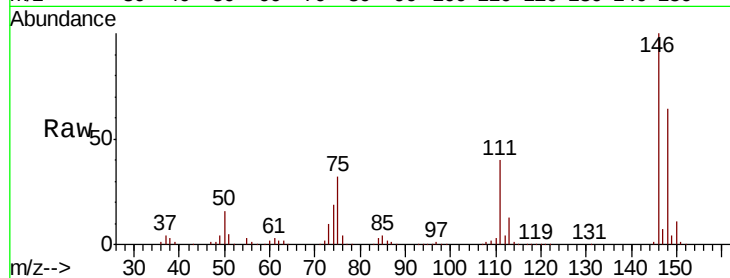
Tot Ion:146 Resp: 406046

Ion Ratio Lower Upper

146 100

148 64.4 51.3 76.9

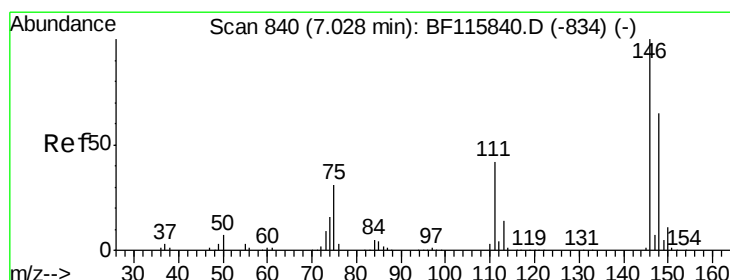
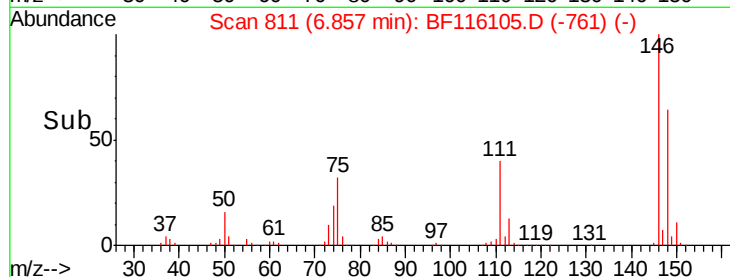
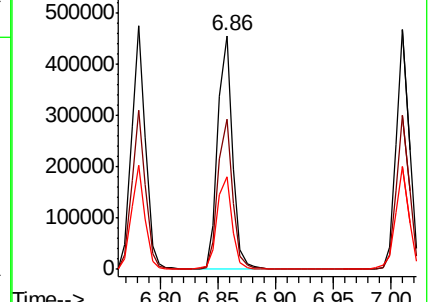
111 39.9 34.0 51.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.682 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF116105.D

Acq: 9 Aug 2019 11:30

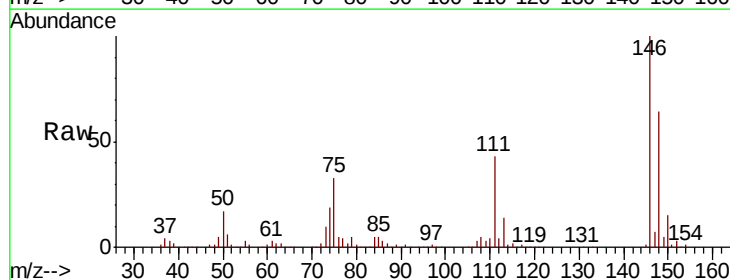
Tgt Ion:146 Resp: 373119

Ion Ratio Lower Upper

146 100

148 64.3 51.2 76.8

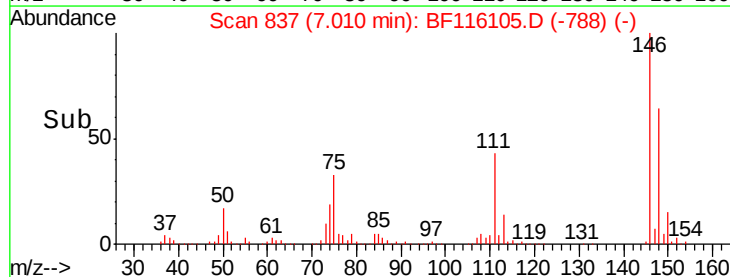
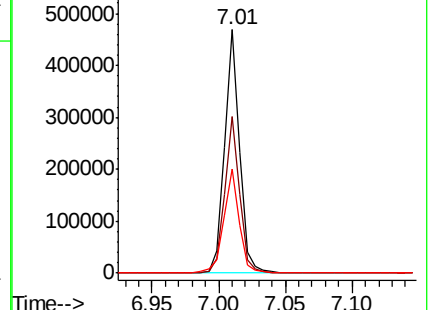
111 42.7 33.5 50.3

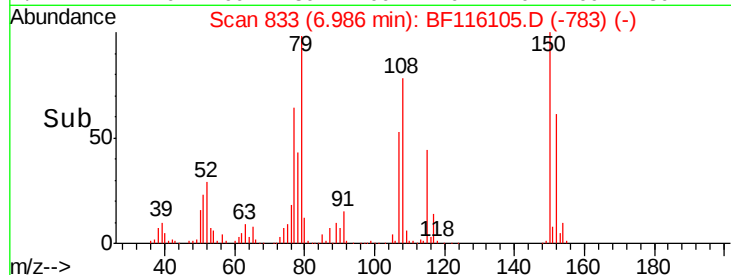
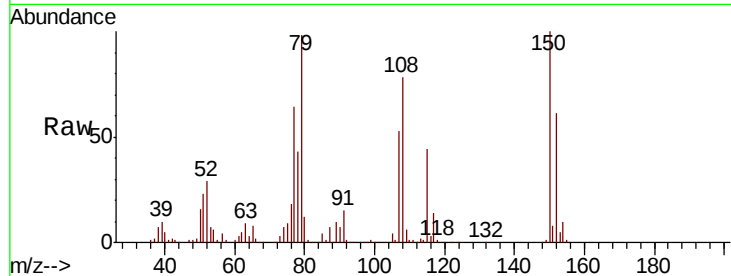


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

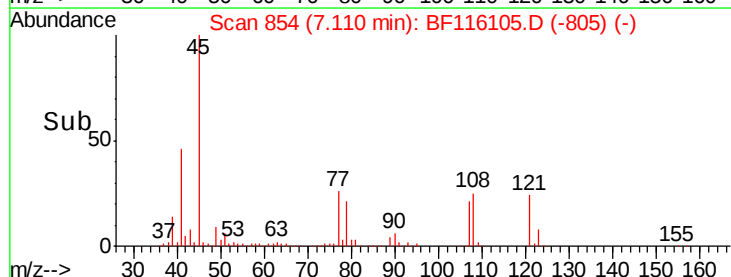
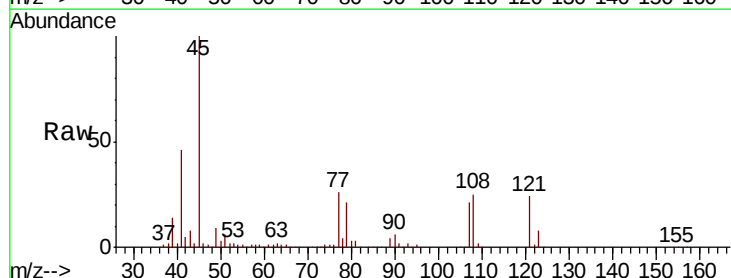
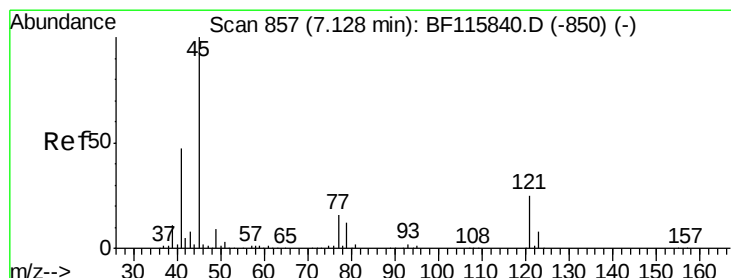
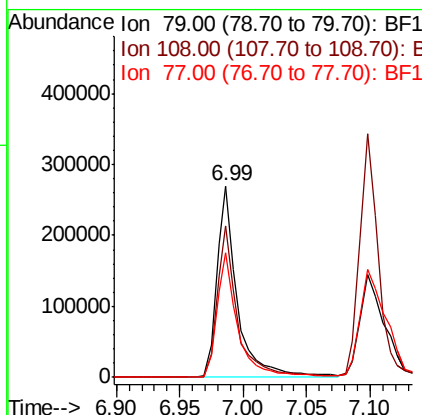




#15
Benzyl Alcohol
Concen: 41.107 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF116105.D
Acq: 9 Aug 2019 11:30

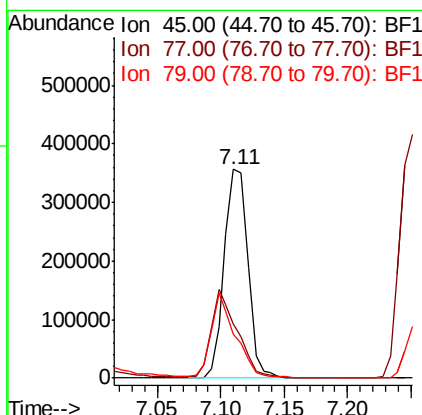
Instrument :
BNA_F
ClientSampleId :

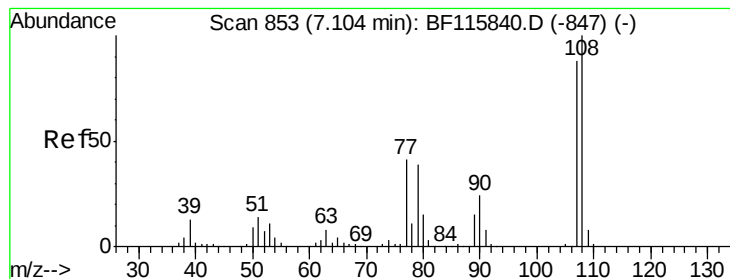
Tot Ion: 79 Resp: 306382
Ion Ratio Lower Upper
79 100
108 79.0 62.7 94.1
77 64.8 52.2 78.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.995 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF116105.D
Acq: 9 Aug 2019 11:30

Tgt Ion: 45 Resp: 463869
Ion Ratio Lower Upper
45 100
77 25.7 0.0 40.0
79 21.2 0.0 35.9

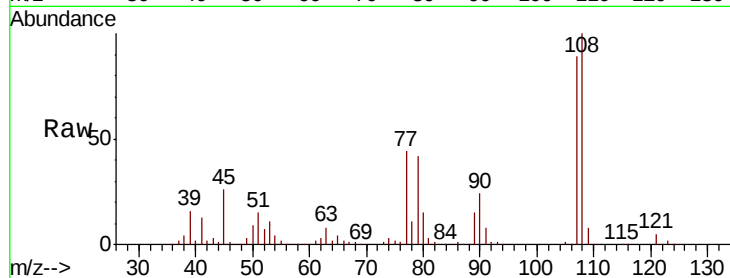




#17
2-Methylphenol
Concen: 42.145 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF116105.D
Acq: 9 Aug 2019 11:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.8	91.2	136.8
77	50.1	40.3	60.5
79	47.5	37.6	56.4



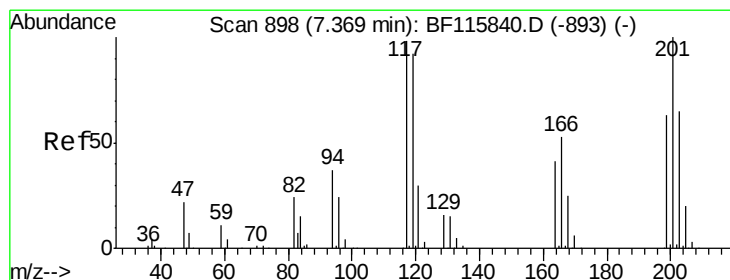
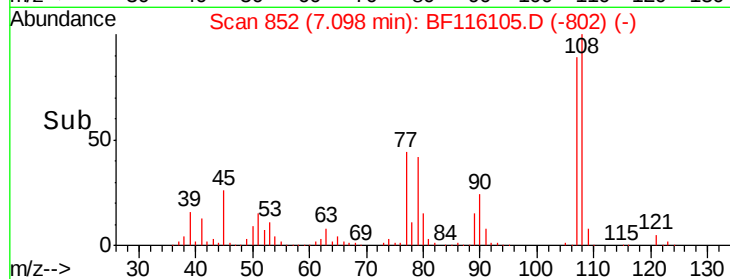
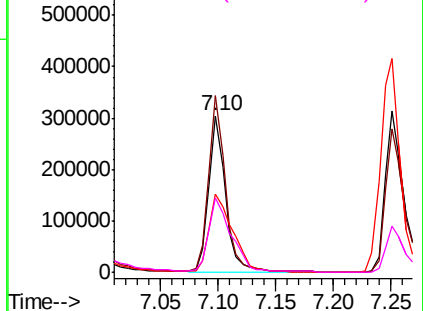
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

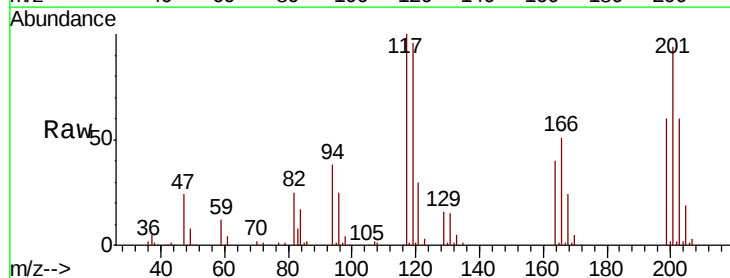
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 40.261 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF116105.D
Acq: 9 Aug 2019 11:30

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	76.1	114.1
201	93.8	77.0	115.4

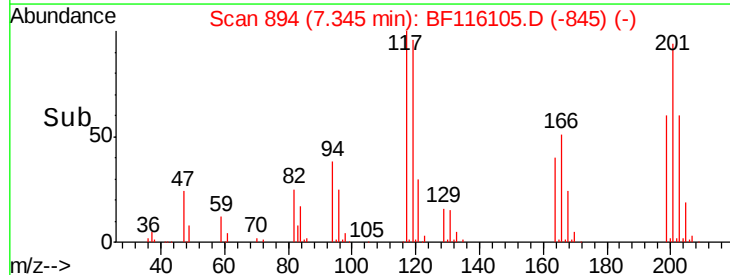
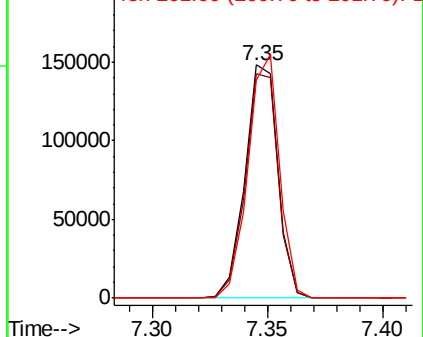


Abundance

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

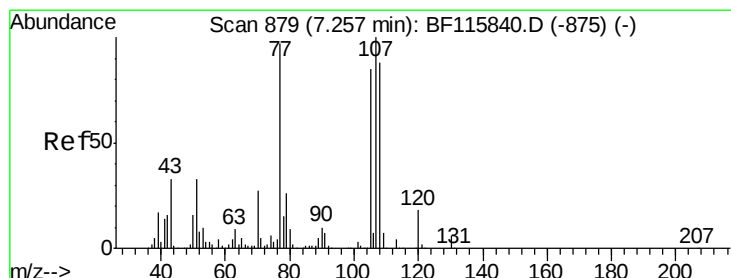
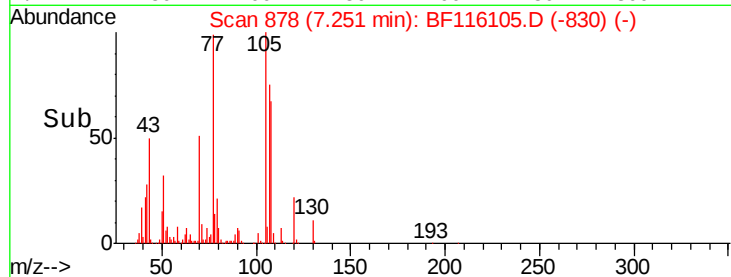
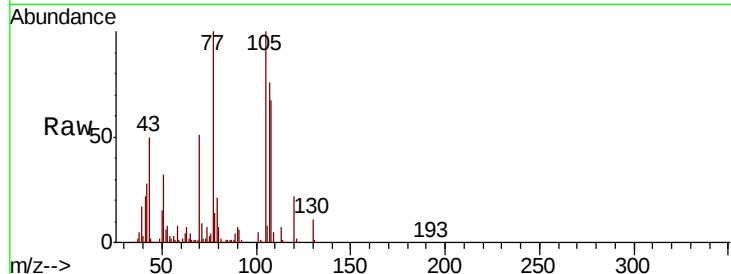
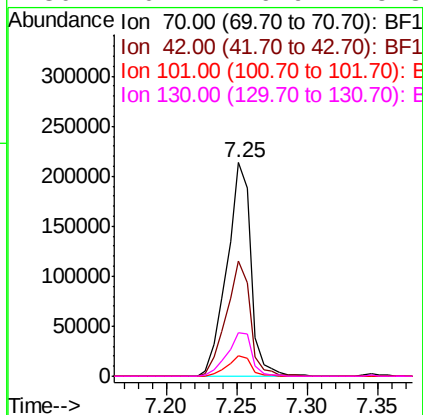




#19
n-Nitroso-di-n-propylamine
Concen: 41.647 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF116105.D
Acq: 9 Aug 2019 11:30

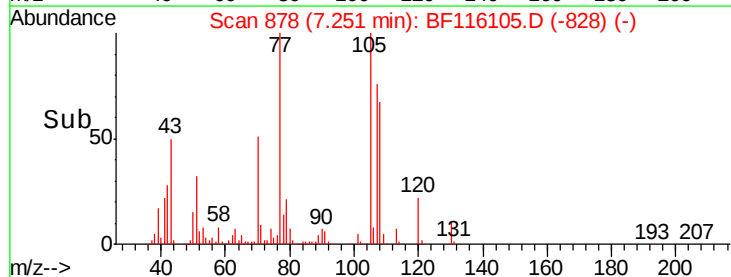
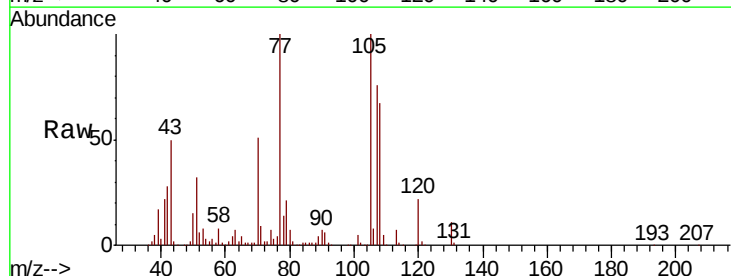
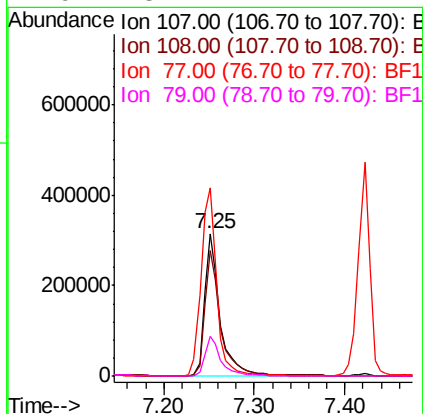
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.1	40.9	61.3	
101	9.8	7.9	11.9	
130	20.7	16.9	25.3	



#20
3+4-Methylphenols
Concen: 43.557 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF116105.D
Acq: 9 Aug 2019 11:30

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.4	67.6	107.6	
77	132.0	104.4	144.4	
79	28.2	7.4	47.4	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF116105.D

Acq: 9 Aug 2019 11:30

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 534432

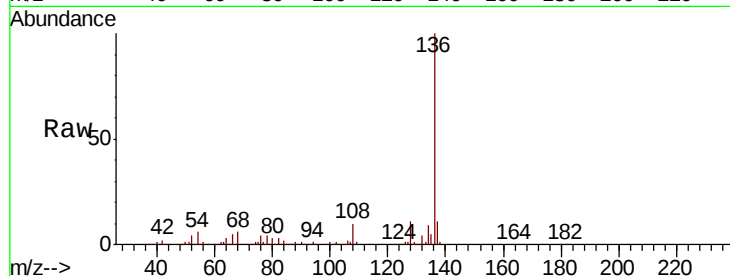
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.4

54 6.3 5.8 8.6

68 5.8 5.2 7.8

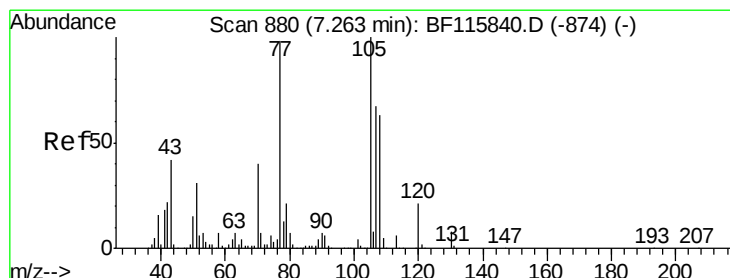
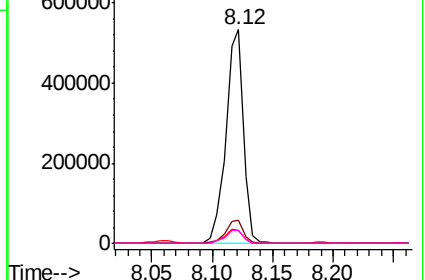
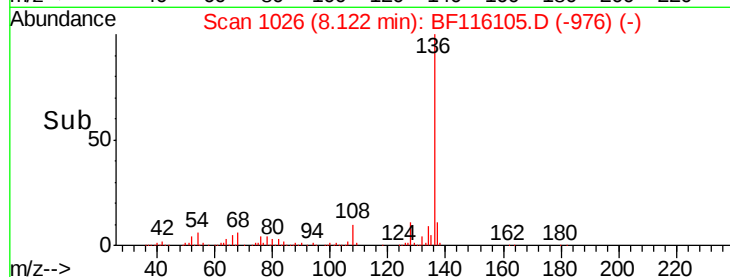


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.693 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF116105.D

Acq: 9 Aug 2019 11:30

Tgt Ion:105 Resp: 500394

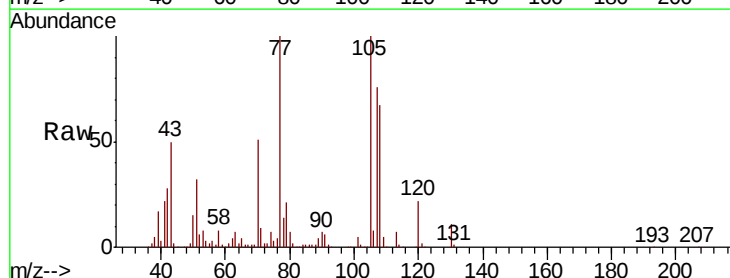
Ion Ratio Lower Upper

105 100

71 8.5 5.9 8.9

51 31.9 25.3 37.9

120 22.3 17.9 26.9

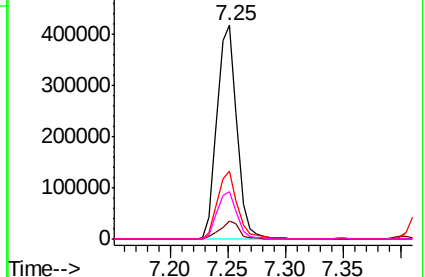
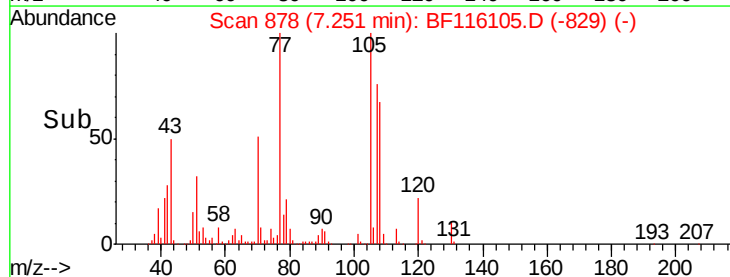


Abundance Ion 105.00 (104.70 to 105.70): E

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

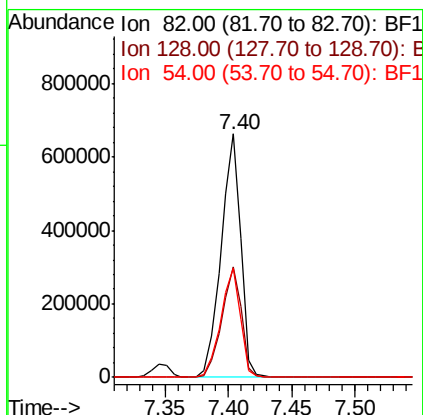
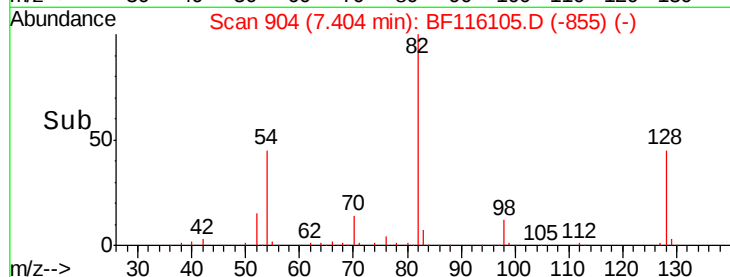
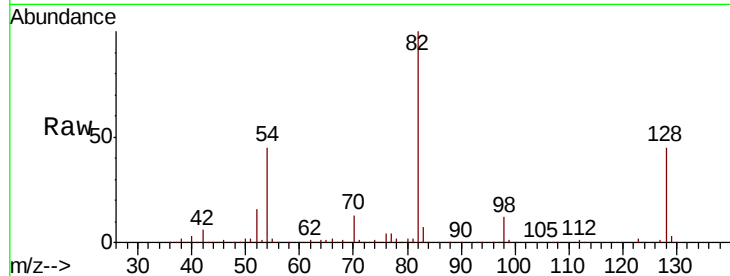




#23
Nitrobenzene-d5
Concen: 77.243 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116105.D
Acq: 9 Aug 2019 11:30

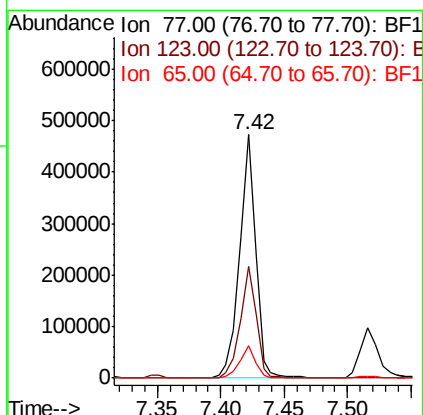
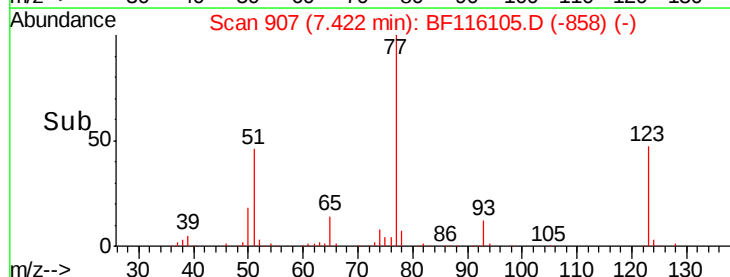
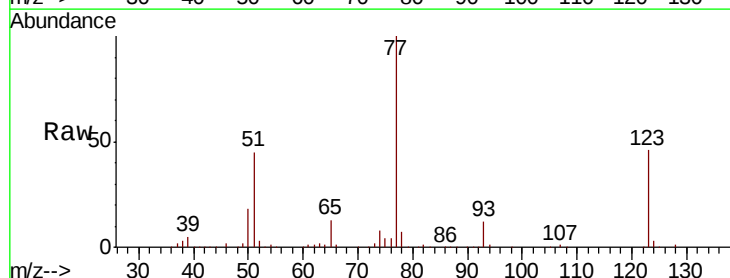
Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 715161
Ion Ratio Lower Upper
82 100
128 45.5 36.5 54.7
54 44.7 36.0 54.0



#24
Nitrobenzene
Concen: 41.174 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF116105.D
Acq: 9 Aug 2019 11:30

Tgt Ion: 77 Resp: 411617
Ion Ratio Lower Upper
77 100
123 46.1 36.7 55.1
65 13.4 10.6 16.0

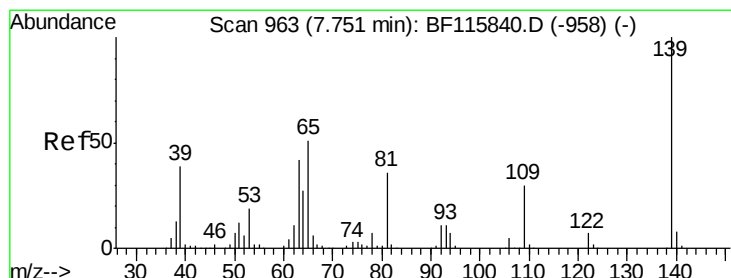
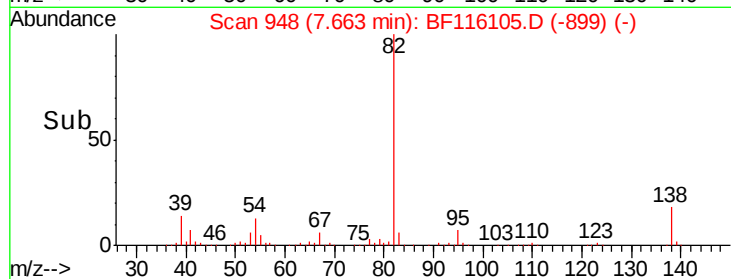
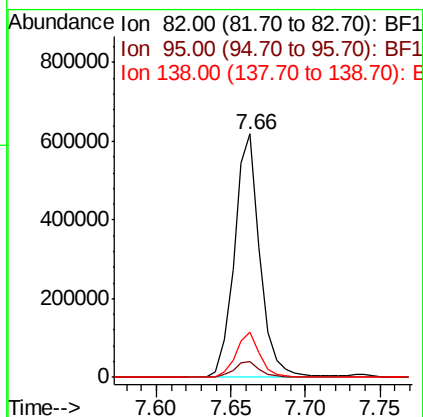
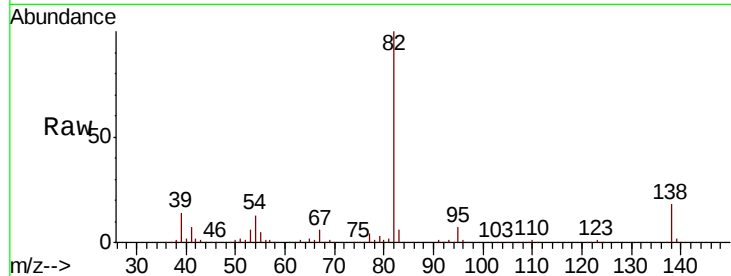




#25
Isophorone
Concen: 41.703 ng
RT: 7.66 min Scan# 948
Delta R.T. -0.01 min
Lab File: BF116105.D
Acq: 9 Aug 2019 11:30

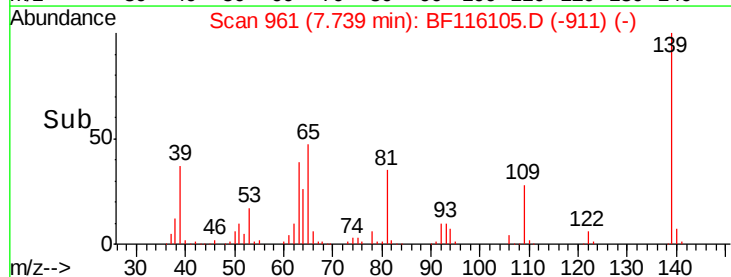
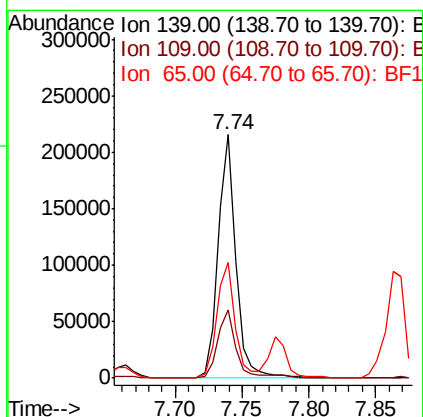
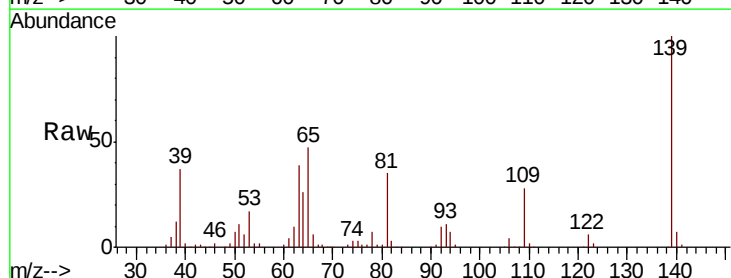
Instrument :
BNA_F
ClientSampleId :

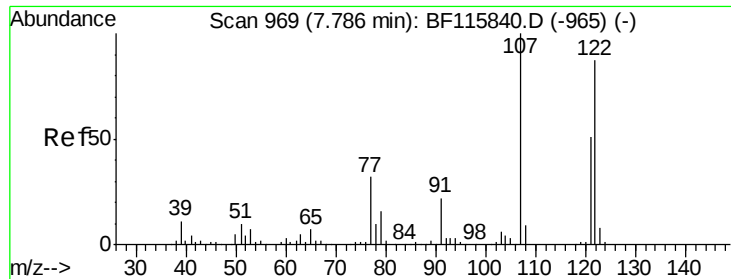
Tot Ion	82	Resp	738297
Ion Ratio	100	Lower	Upper
95	6.6	5.4	8.0
138	18.3	14.5	21.7



#26
2-Nitrophenol
Concen: 43.494 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.01 min
Lab File: BF116105.D
Acq: 9 Aug 2019 11:30

Tgt Ion	139	Resp	204962
Ion Ratio	100	Lower	Upper
109	28.0	23.4	35.2
65	47.3	41.1	61.7





#27

2,4-Dimethylphenol

Concen: 46.543 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF116105.D

Acq: 9 Aug 2019 11:30

Instrument :

BNA_F

ClientSampled :

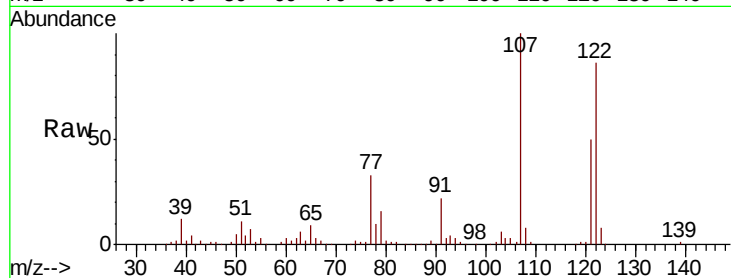
Tot Ion:122 Resp: 329978

Ion Ratio Lower Upper

122 100

107 116.2 93.0 139.6

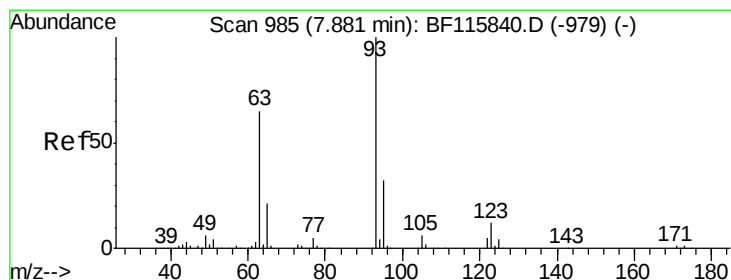
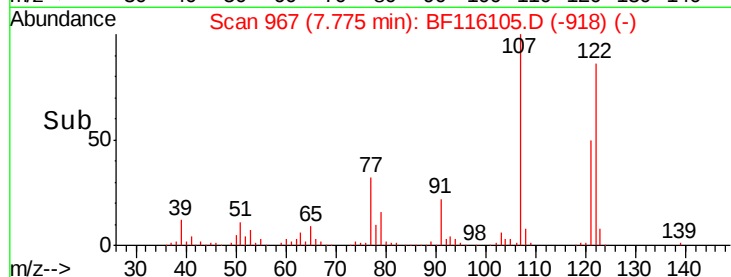
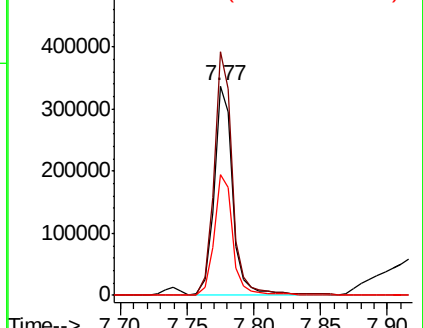
121 57.8 47.6 71.4



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: 41.427 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF116105.D

Acq: 9 Aug 2019 11:30

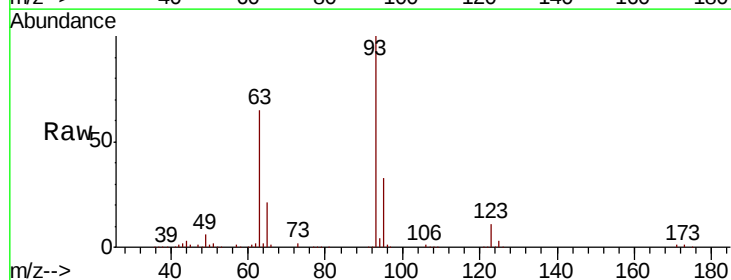
Tgt Ion: 93 Resp: 454576

Ion Ratio Lower Upper

93 100

95 32.7 26.2 39.4

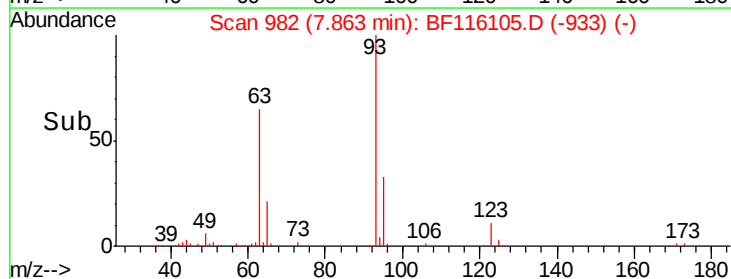
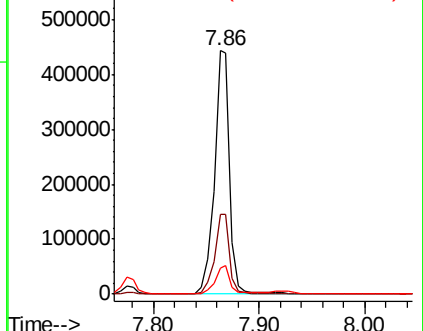
123 10.8 9.2 13.8



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

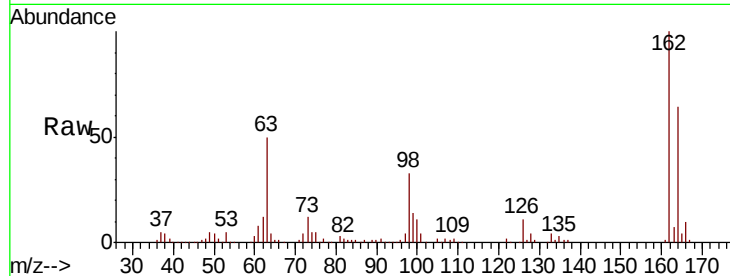




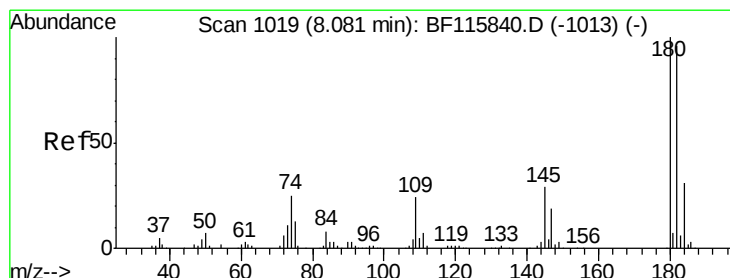
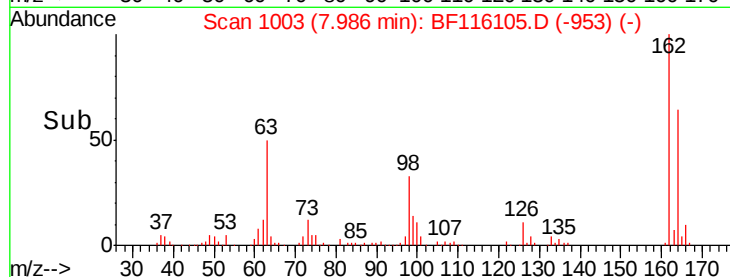
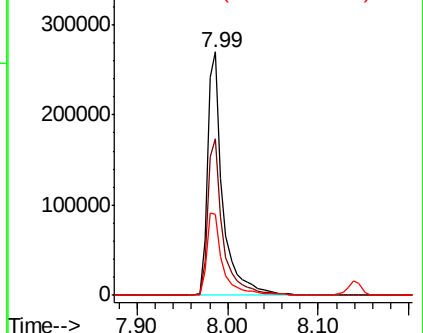
#29
 2,4-Dichlorophenol
 Concen: 42.802 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BF116105.D
 Acq: 9 Aug 2019 11:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	162	Resp	320410
Ion Ratio	Lower	Upper	
162	100		
164	64.5	45.1	85.1
98	33.5	15.8	55.8

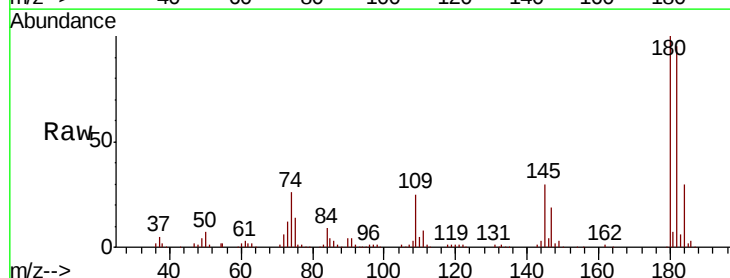


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

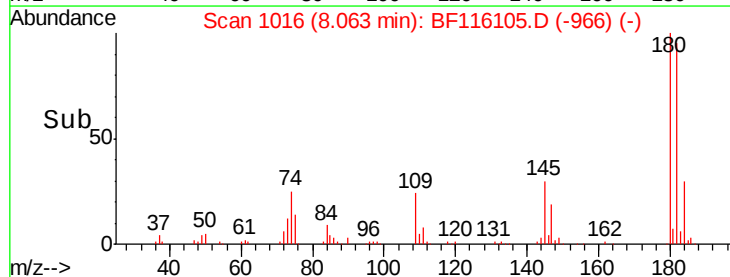
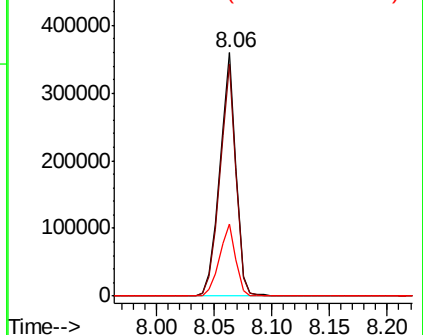


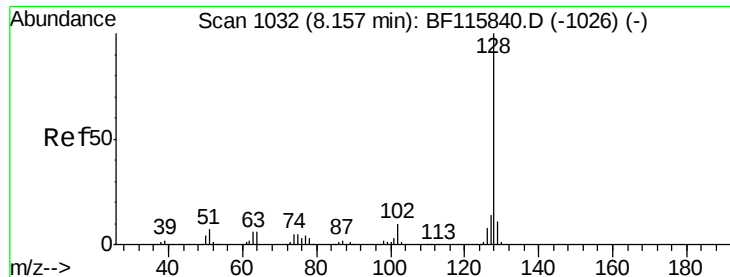
#30
 1,2,4-Trichlorobenzene
 Concen: 40.677 ng
 RT: 8.06 min Scan# 1016
 Delta R.T. -0.01 min
 Lab File: BF116105.D
 Acq: 9 Aug 2019 11:30

Tgt Ion	180	Resp	347108
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

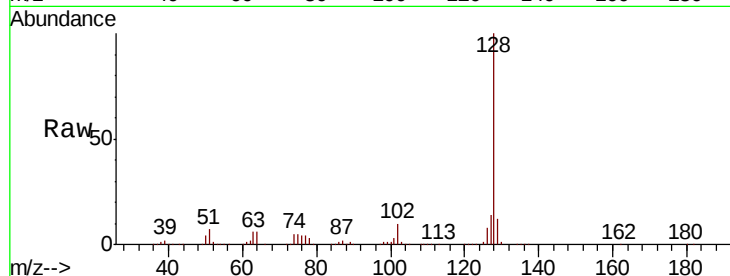




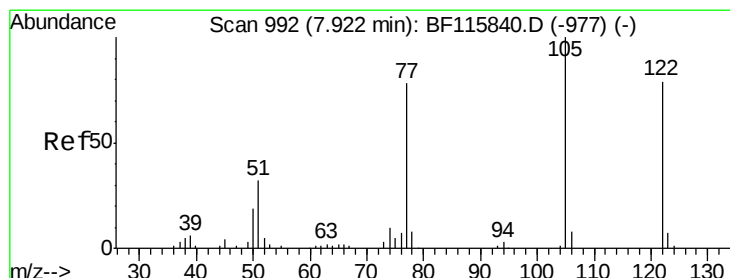
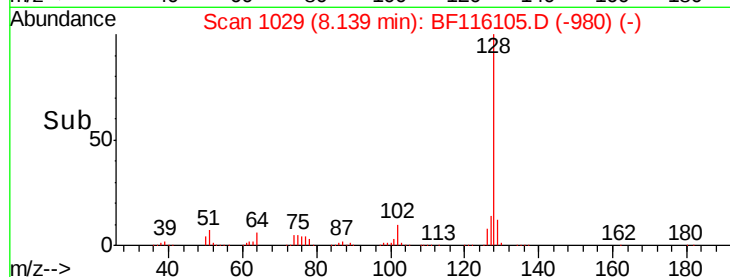
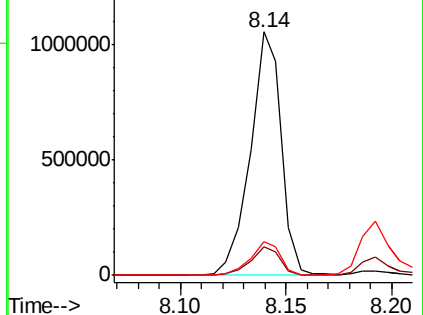
#31
Naphthalene
Concen: 42.790 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF116105.D
Acq: 9 Aug 2019 11:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1076143
Ion Ratio Lower Upper
128 100
129 11.7 9.3 13.9
127 13.7 11.4 17.0

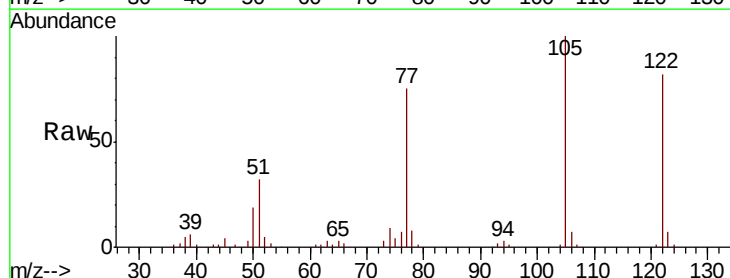


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

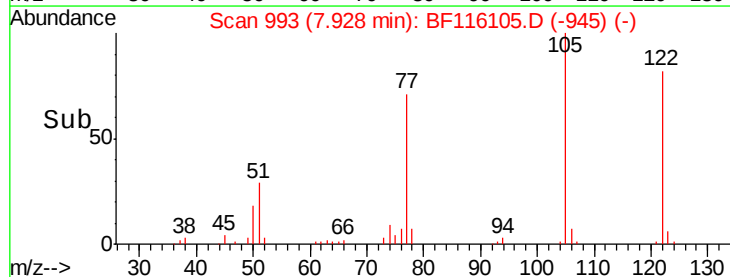
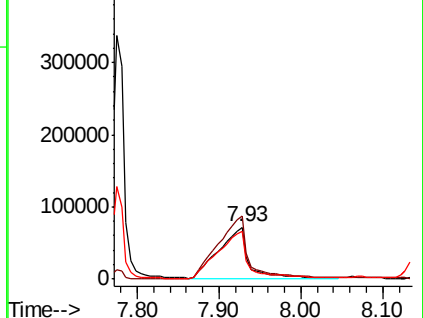


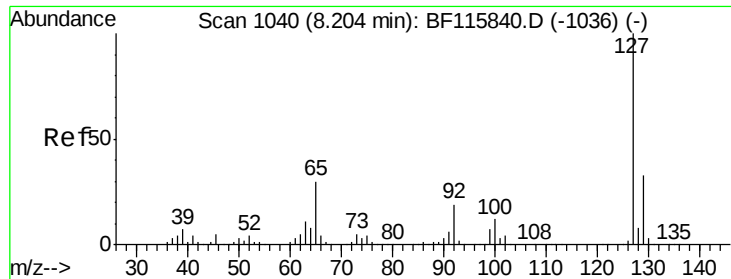
#32
Benzoic acid
Concen: 35.980 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.02 min
Lab File: BF116105.D
Acq: 9 Aug 2019 11:30

Tgt Ion:122 Resp: 179845
Ion Ratio Lower Upper
122 100
105 121.4 106.1 146.1
77 91.3 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

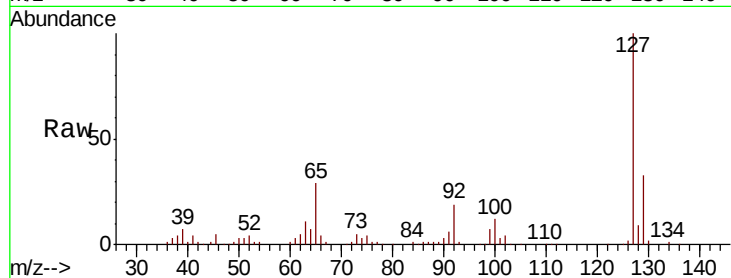




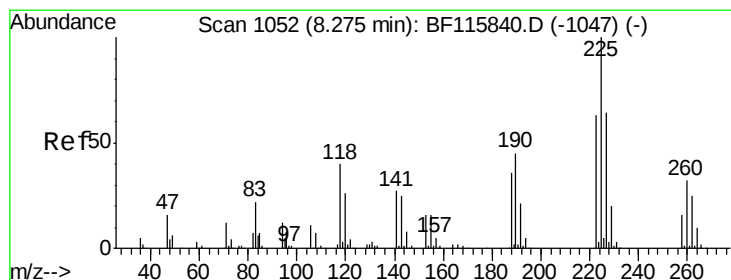
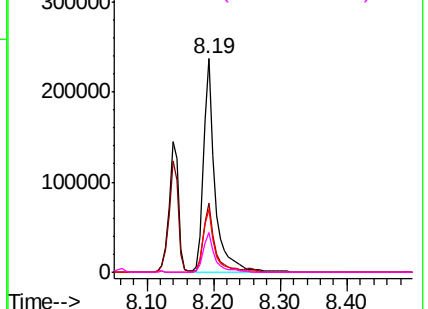
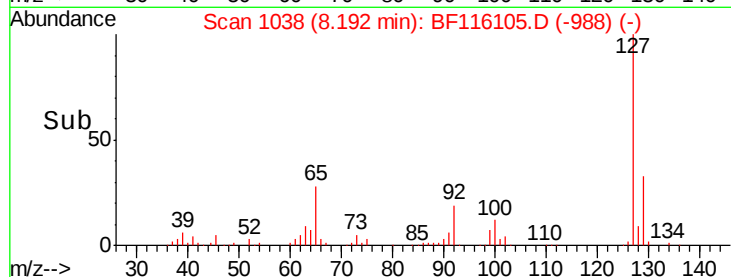
#33
4-Chloroaniline
Concen: 24.695 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF116105.D
Acq: 9 Aug 2019 11:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	277495
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.1	39.1
65	29.3	24.9	37.3
92	18.8	15.7	23.5

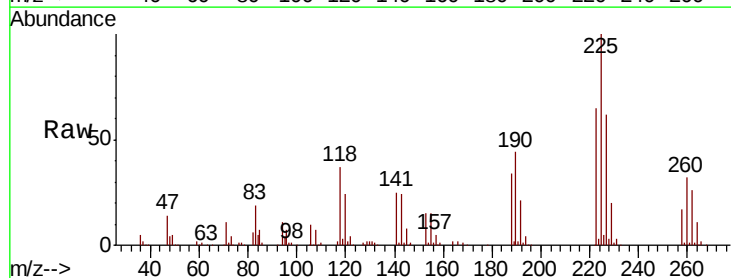


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

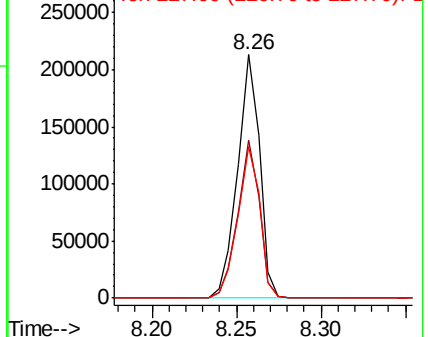
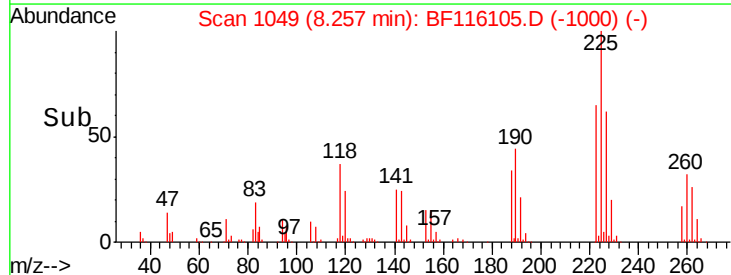


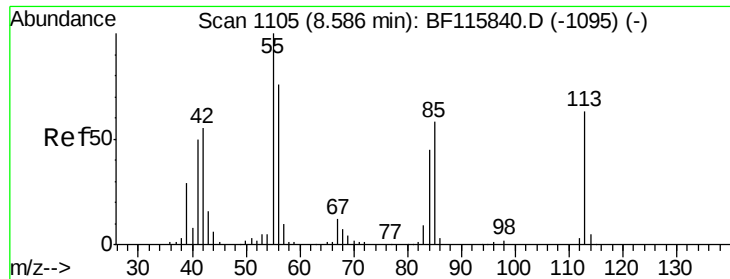
#34
Hexachlorobutadiene
Concen: 39.515 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF116105.D
Acq: 9 Aug 2019 11:30

Tgt Ion:	225	Resp:	194221
Ion	Ratio	Lower	Upper
225	100		
223	64.6	50.0	75.0
227	62.3	51.0	76.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

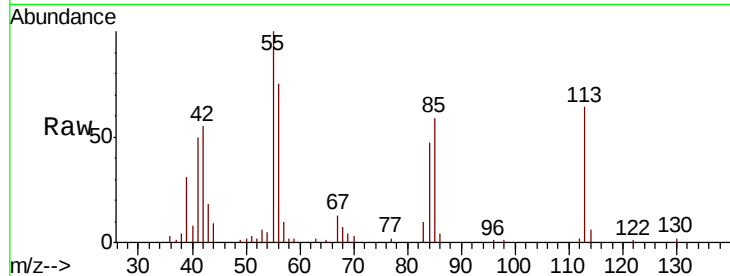




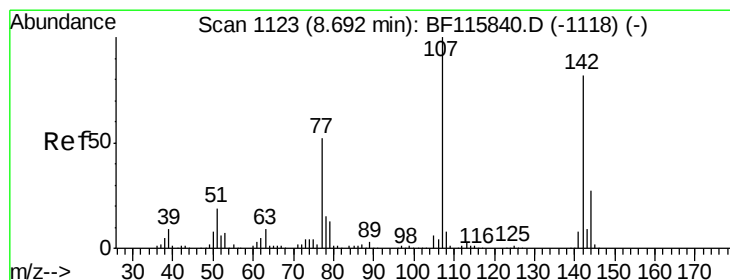
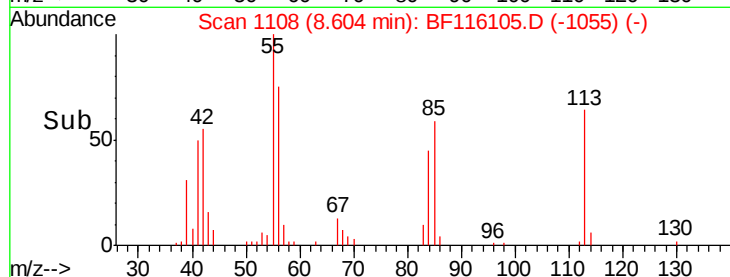
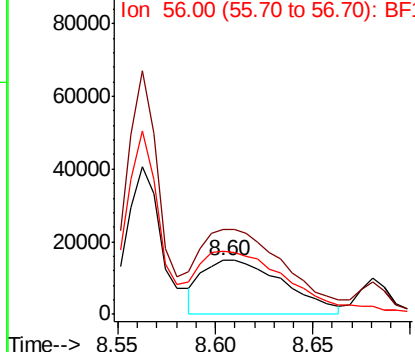
#35
 Caprolactam
 Concen: 18.005 ng
 RT: 8.60 min Scan# 1108
 Delta R.T. 0.01 min
 Lab File: BF116105.D
 Acq: 9 Aug 2019 11:30

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 43592
 Ion Ratio Lower Upper
 113 100
 55 157.1 144.3 184.3
 56 118.0 97.1 137.1

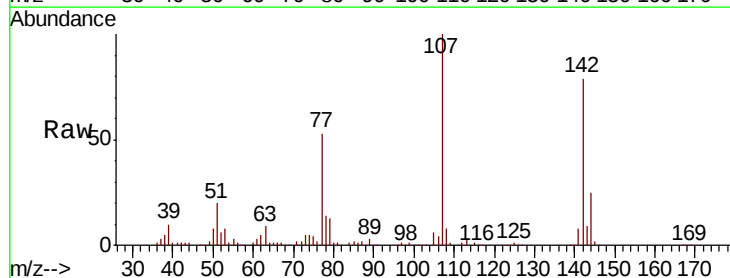


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

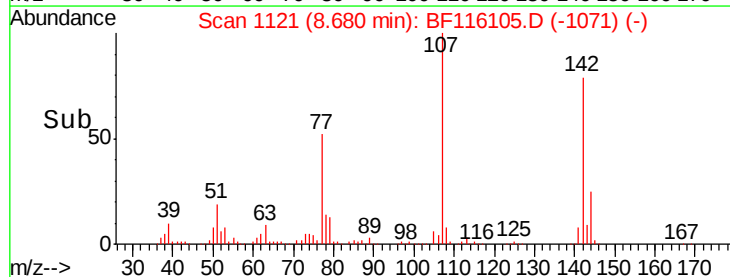
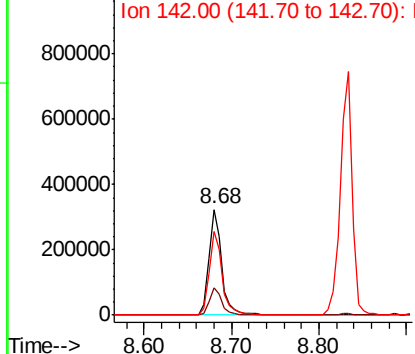


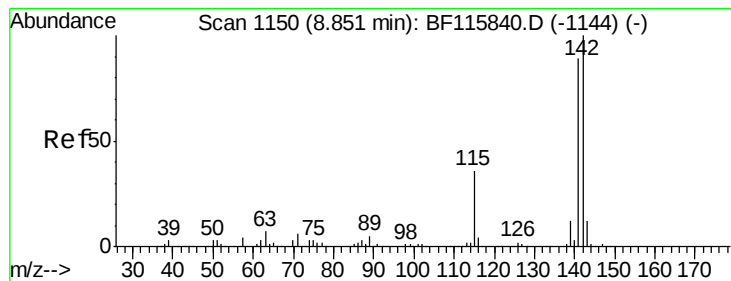
#36
 4-Chloro-3-methylphenol
 Concen: 42.394 ng
 RT: 8.68 min Scan# 1121
 Delta R.T. -0.01 min
 Lab File: BF116105.D
 Acq: 9 Aug 2019 11:30

Tgt Ion:107 Resp: 330151
 Ion Ratio Lower Upper
 107 100
 144 25.4 20.2 30.2
 142 78.7 61.7 92.5



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

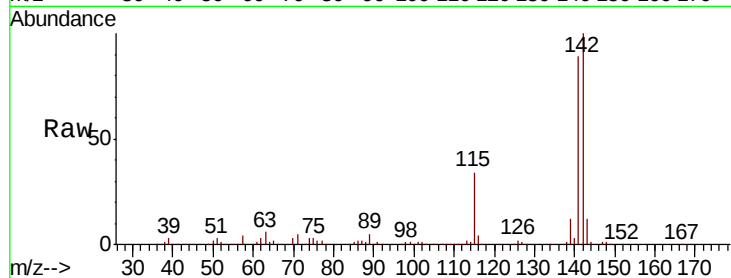




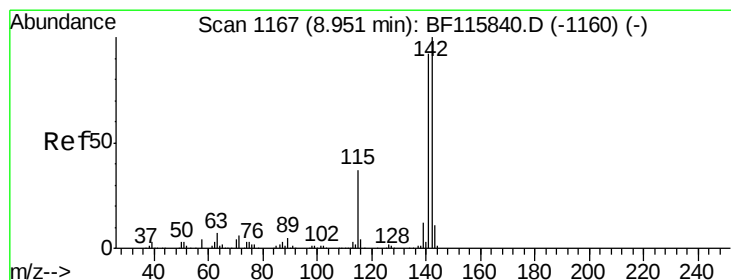
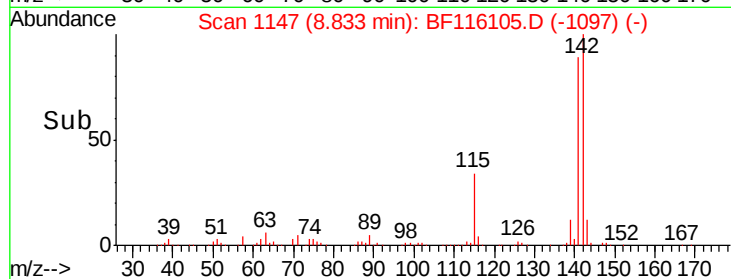
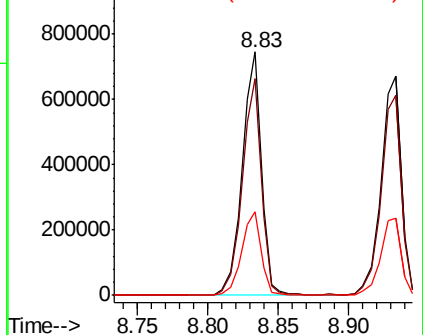
#37
2-Methylnaphthalene
Concen: 42.589 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF116105.D
Acq: 9 Aug 2019 11:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 705405
Ion Ratio Lower Upper
142 100
141 88.8 70.9 106.3
115 34.4 29.0 43.6

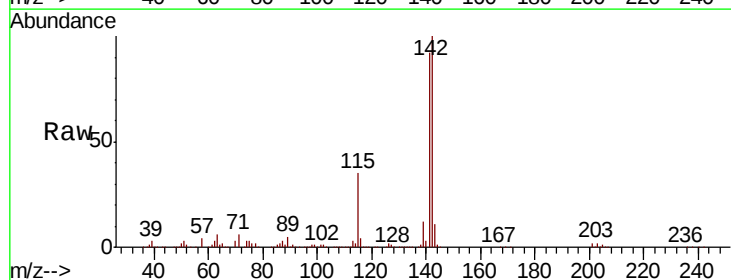


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

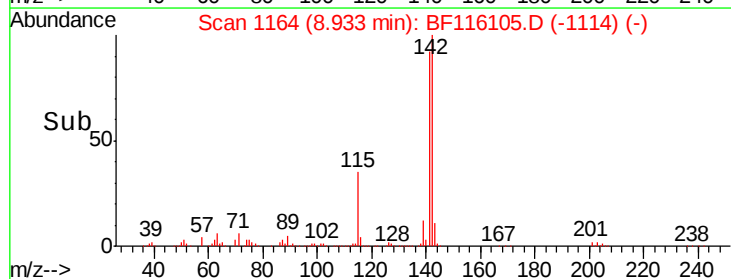
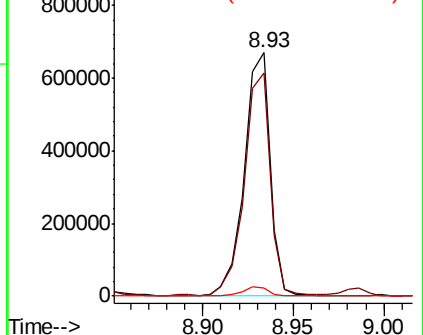


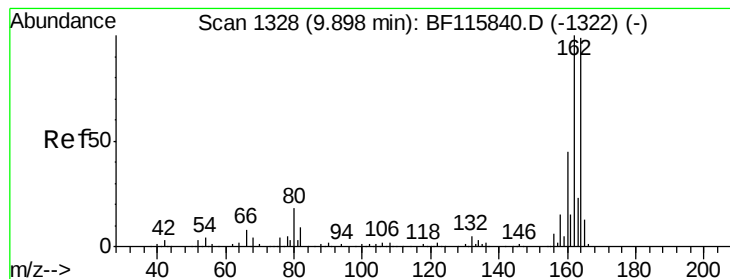
#38
1-Methylnaphthalene
Concen: 42.300 ng
RT: 8.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BF116105.D
Acq: 9 Aug 2019 11:30

Tgt Ion:142 Resp: 662802
Ion Ratio Lower Upper
142 100
141 91.6 74.4 111.6
116 3.6 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# 1324

Delta R.T. -0.01 min

Lab File: BF116105.D

Acq: 9 Aug 2019 11:30

Instrument :

BNA_F

ClientSampleId :

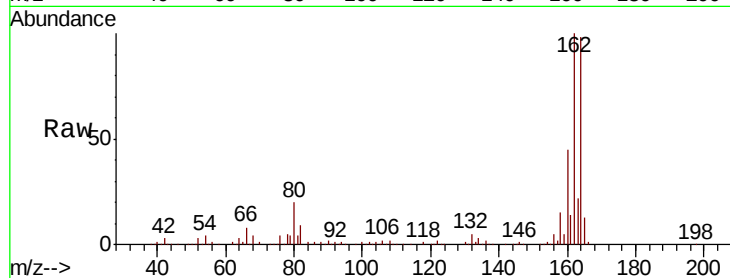
Tot Ion:164 Resp: 278092

Ion Ratio Lower Upper

164 100

162 102.2 82.6 124.0

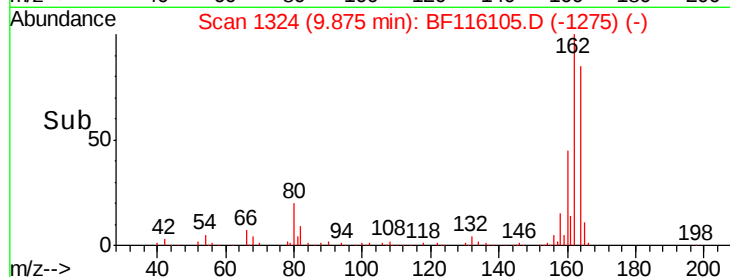
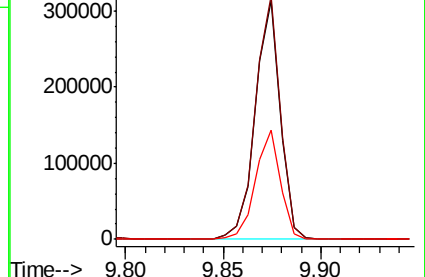
160 46.0 37.6 56.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.799 ng

RT: 9.00 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BF116105.D

Acq: 9 Aug 2019 11:30

Tgt Ion:216 Resp: 325624

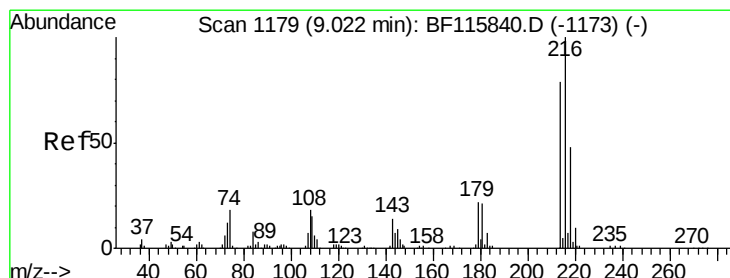
Ion Ratio Lower Upper

216 100

214 78.7 63.6 95.4

179 21.9 17.8 26.8

108 20.5 16.5 24.7

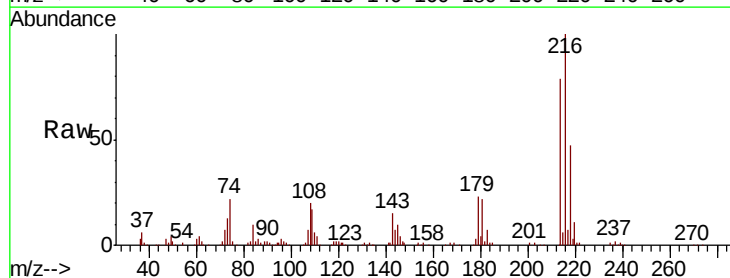
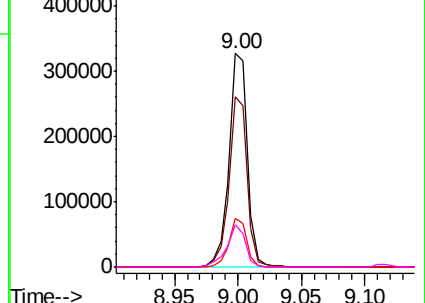


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 46.669 ng

RT: 8.99 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BF116105.D

Acq: 9 Aug 2019 11:30

Instrument :

BNA_F

ClientSampleId :

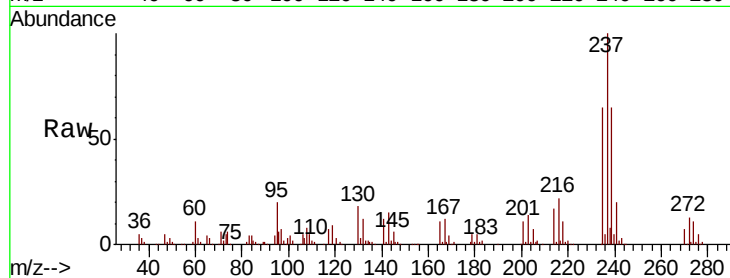
Tot Ion:237 Resp: 146867

Ion Ratio Lower Upper

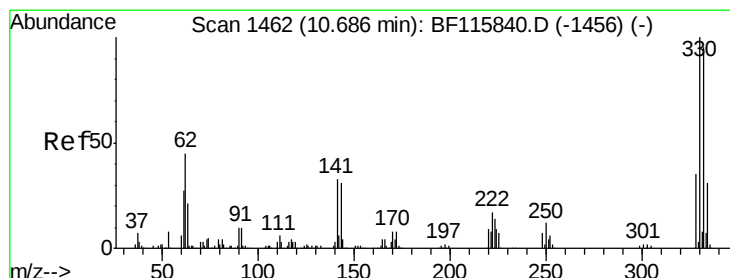
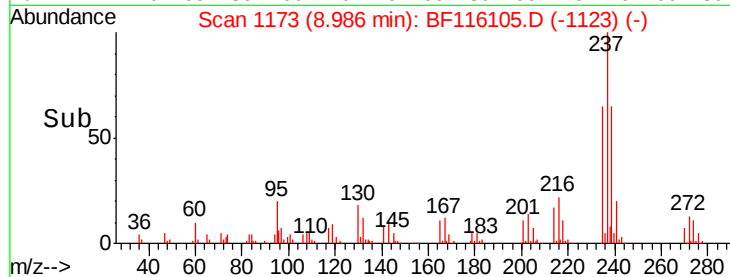
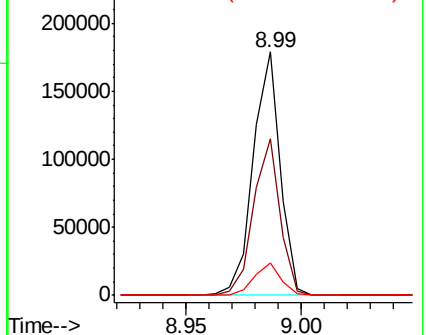
237 100

235 64.5 43.4 83.4

272 13.3 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: 112.734 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF116105.D

Acq: 9 Aug 2019 11:30

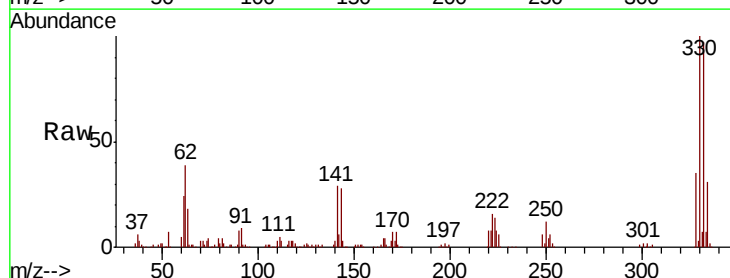
Tgt Ion:330 Resp: 303951

Ion Ratio Lower Upper

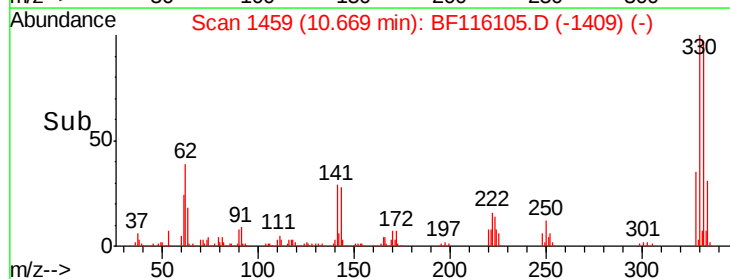
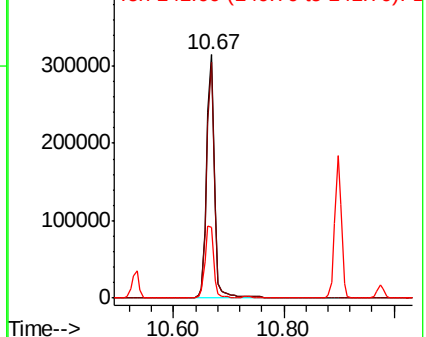
330 100

332 94.3 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

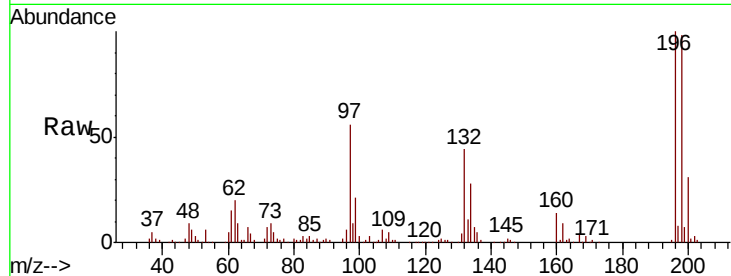




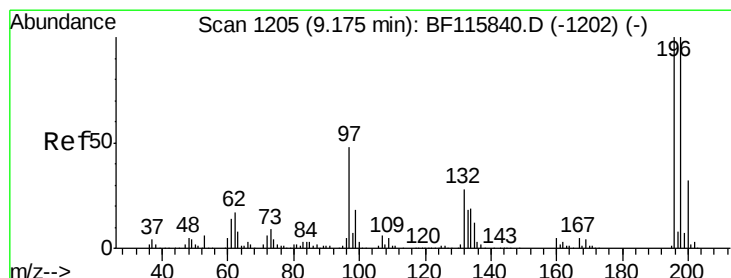
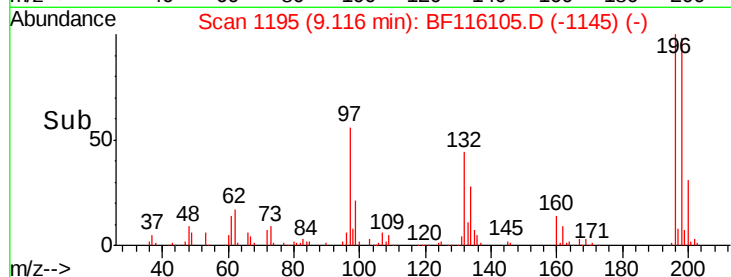
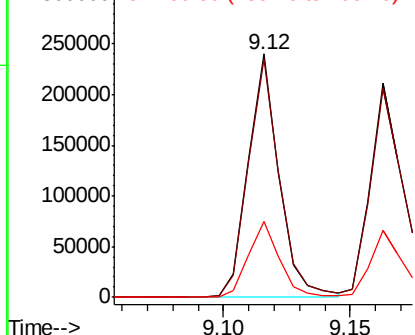
#43
 2,4,6-Trichlorophenol
 Concen: 39.959 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF116105.D
 Acq: 9 Aug 2019 11:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 204481
 Ion Ratio Lower Upper
 196 100
 198 97.8 79.2 118.8
 200 31.1 25.2 37.8

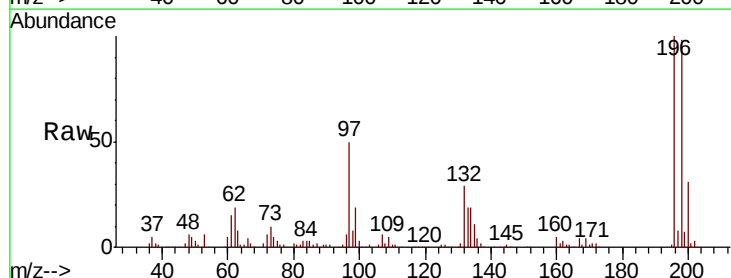


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

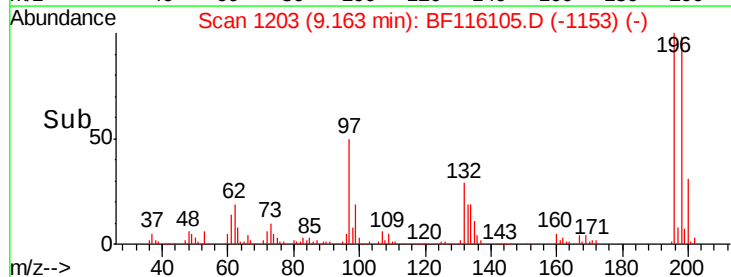
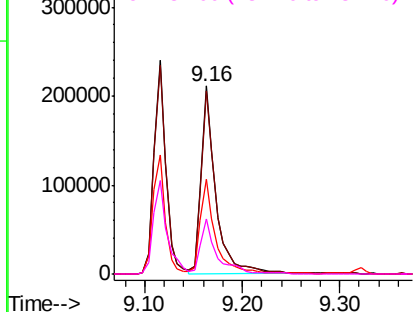


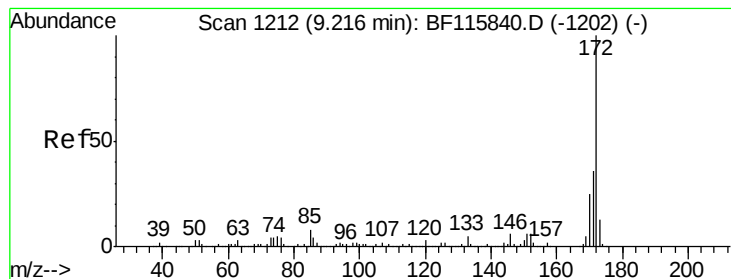
#44
 2,4,5-Trichlorophenol
 Concen: 41.689 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF116105.D
 Acq: 9 Aug 2019 11:30

Tgt Ion:196 Resp: 220525
 Ion Ratio Lower Upper
 196 100
 198 97.5 78.8 118.2
 97 50.2 42.2 63.4
 132 29.2 24.0 36.0



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E





#45

2-Fluorobiphenyl

Concen: 83.376 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF116105.D

Acq: 9 Aug 2019 11:30

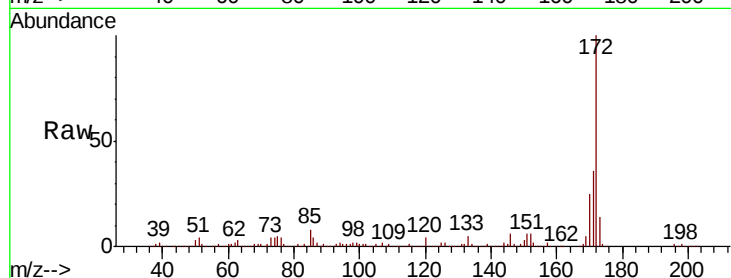
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 1237866

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	24.9	20.1	30.1

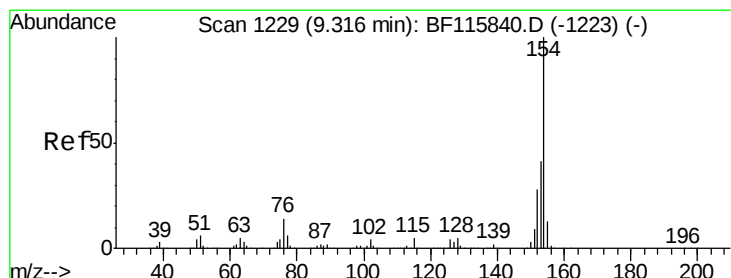
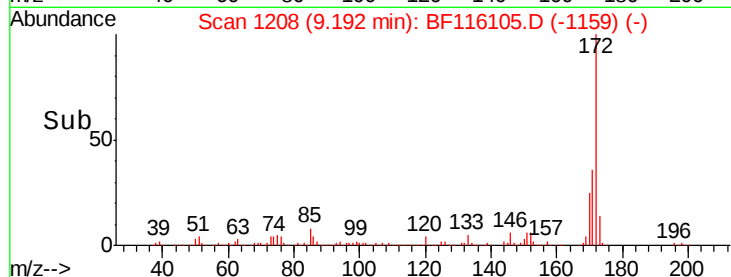
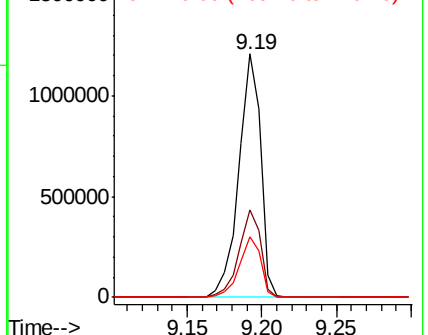


Abundance

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: 43.502 ng

RT: 9.29 min Scan# 1225

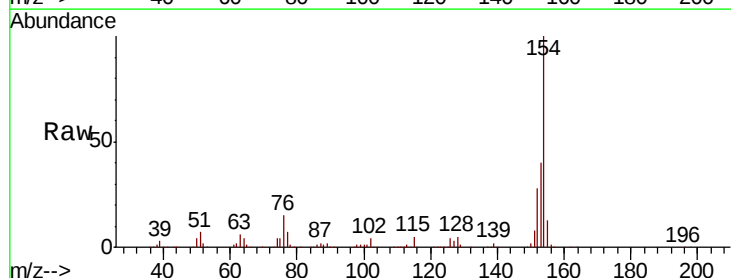
Delta R.T. -0.01 min

Lab File: BF116105.D

Acq: 9 Aug 2019 11:30

Tgt Ion:154 Resp: 854083

Ion	Ratio	Lower	Upper
154	100		
153	40.1	21.4	61.4
76	14.8	0.0	35.2

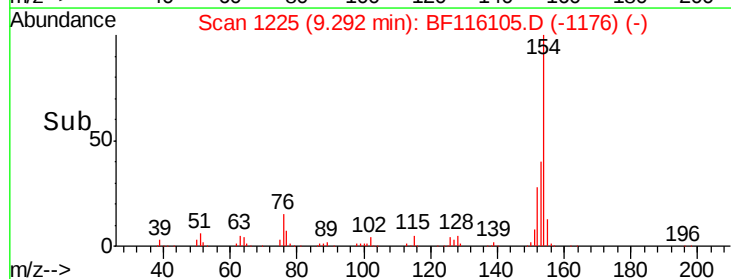
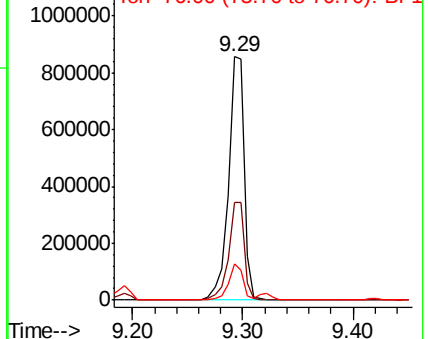


Abundance

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

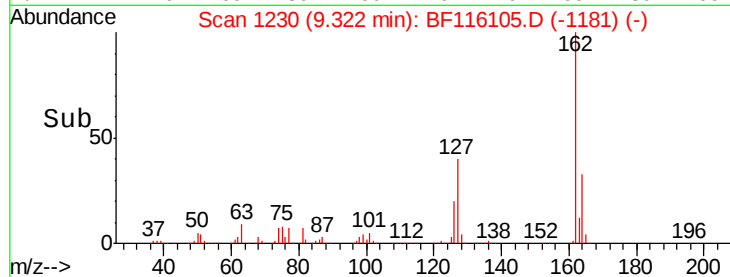
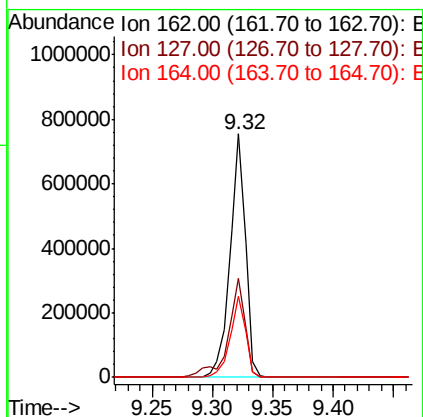
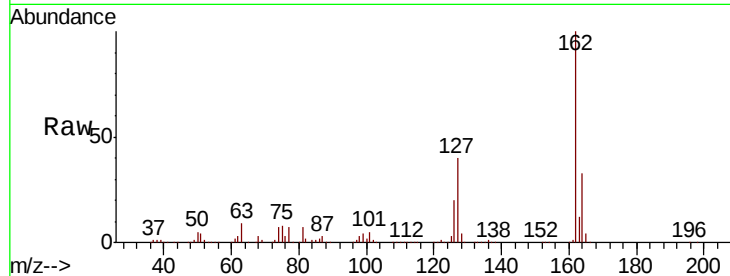




#47
2-Chloronaphthalene
Concen: 41.158 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BF116105.D
Acq: 9 Aug 2019 11:30

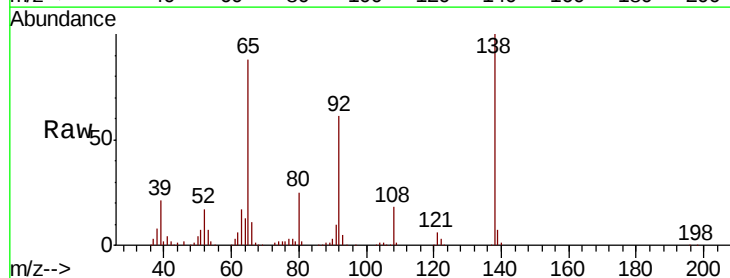
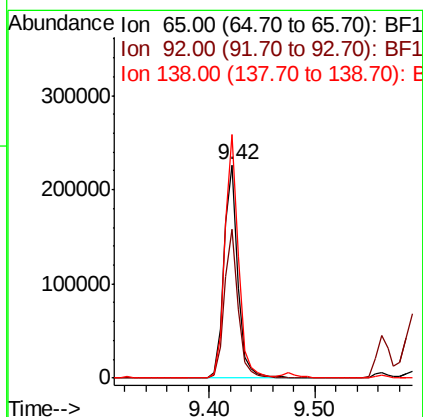
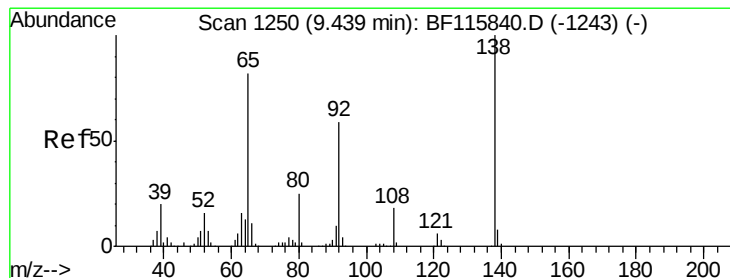
Instrument :
BNA_F
ClientSampleId :

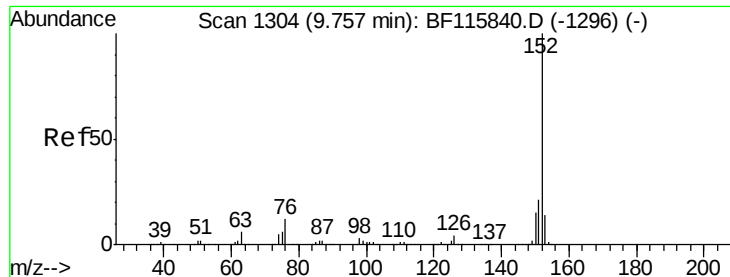
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.4	32.8	49.2
164	33.0	26.6	39.8



#48
2-Nitroaniline
Concen: 38.864 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BF116105.D
Acq: 9 Aug 2019 11:30

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.0	57.8	86.8
138	114.1	94.0	141.0





#49

Acenaphthylene

Concen: 42.246 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF116105.D

Acq: 9 Aug 2019 11:30

Instrument :

BNA_F

ClientSampled :

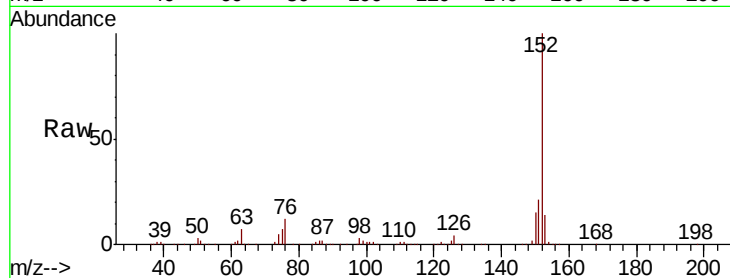
Tot Ion:152 Resp: 1007111

Ion Ratio Lower Upper

152 100

151 20.6 17.2 25.8

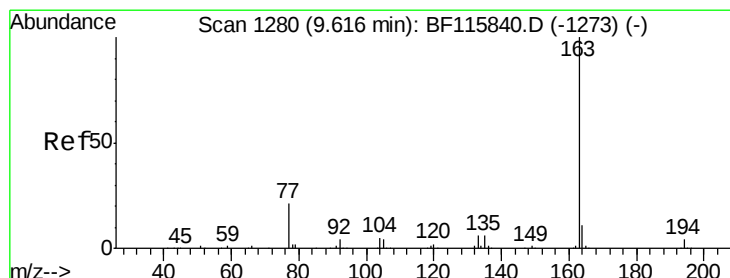
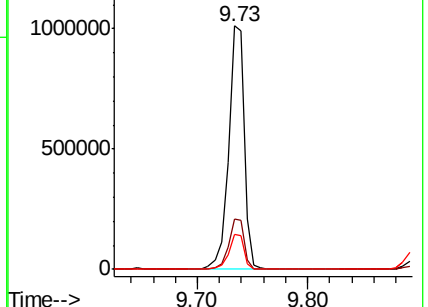
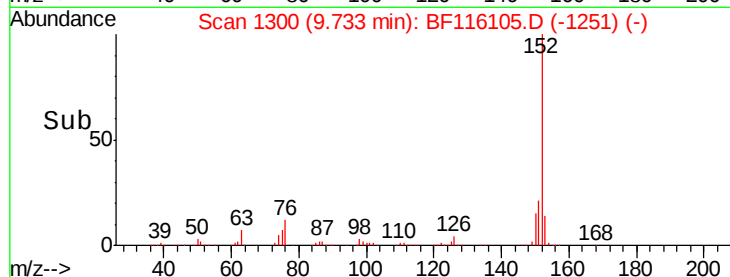
153 14.4 11.8 17.8



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: 41.029 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.01 min

Lab File: BF116105.D

Acq: 9 Aug 2019 11:30

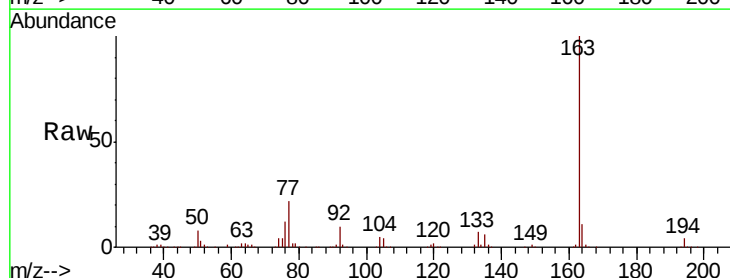
Tgt Ion:163 Resp: 776876

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

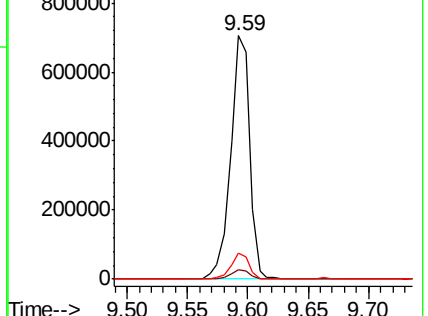
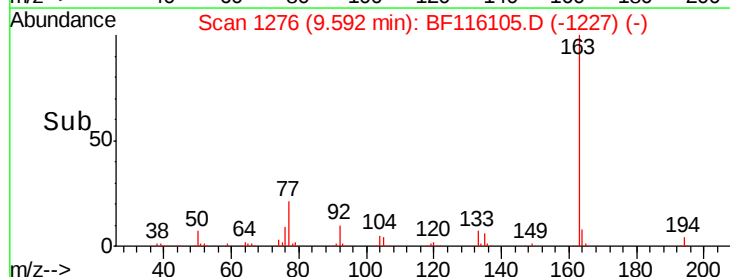
164 10.7 8.4 12.6

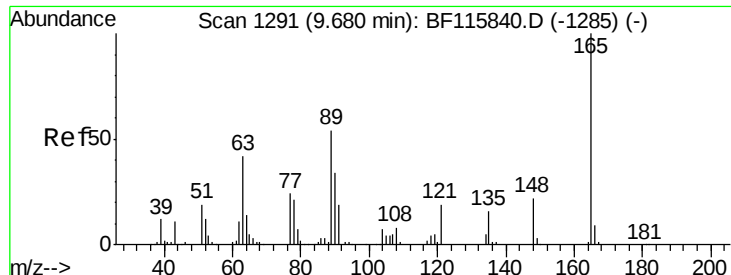


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

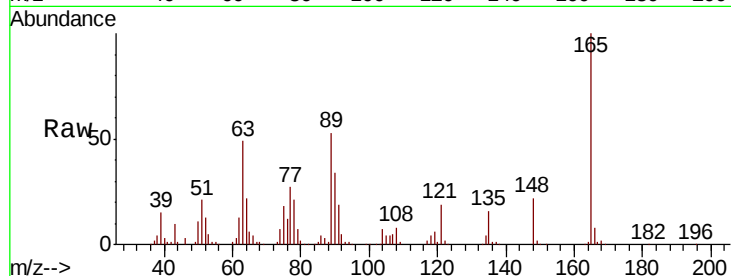




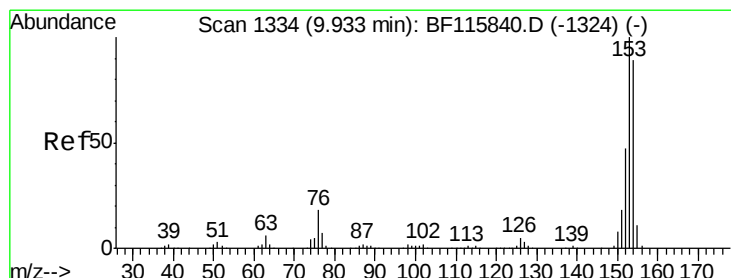
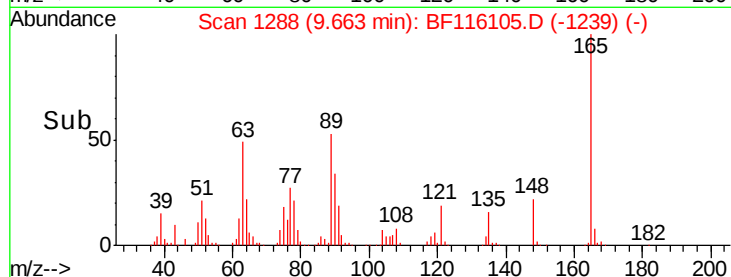
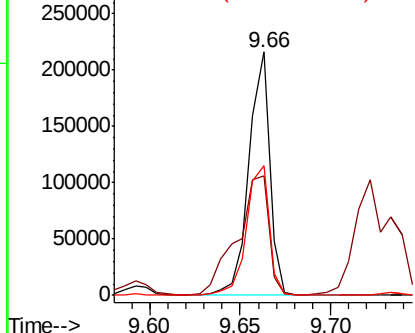
#51
 2,6-Dinitrotoluene
 Concen: 42.228 ng
 RT: 9.66 min Scan# 1288
 Delta R.T. -0.01 min
 Lab File: BF116105.D
 Acq: 9 Aug 2019 11:30

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 173764
 Ion Ratio Lower Upper
 165 100
 63 49.3 38.2 57.2
 89 53.3 42.9 64.3

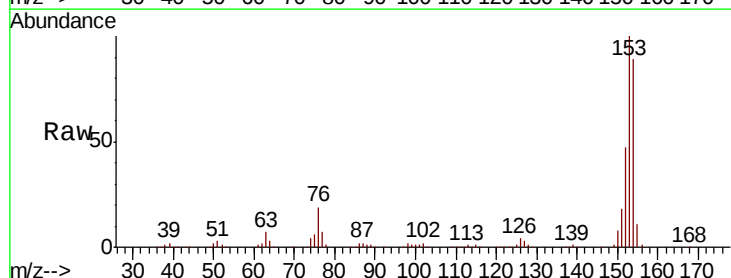


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

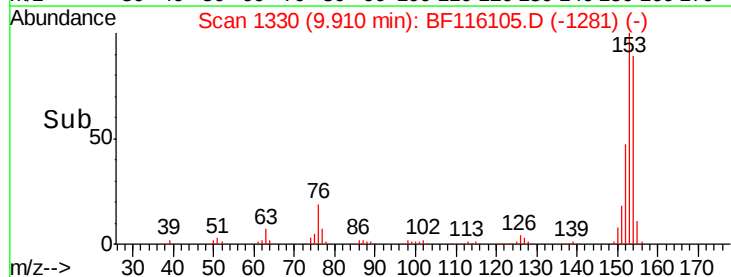
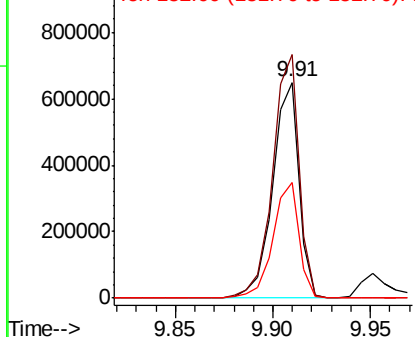


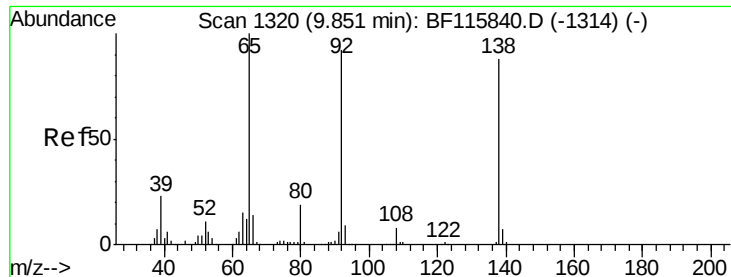
#52
 Acenaphthene
 Concen: 41.523 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF116105.D
 Acq: 9 Aug 2019 11:30

Tgt Ion:154 Resp: 607277
 Ion Ratio Lower Upper
 154 100
 153 112.8 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

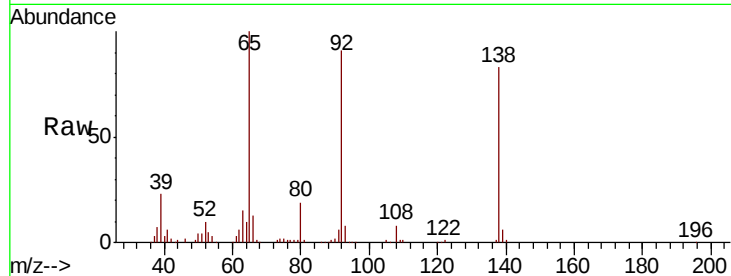




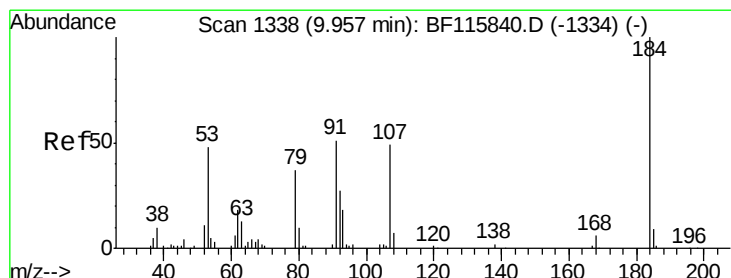
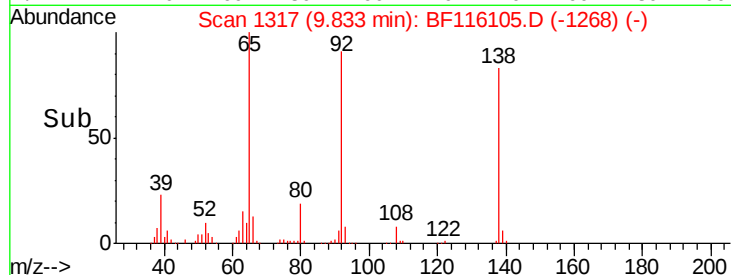
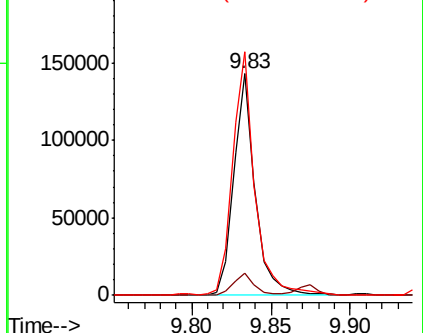
#53
 3-Nitroaniline
 Concen: 26.498 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF116105.D
 Acq: 9 Aug 2019 11:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:138 Resp: 134726
 Ion Ratio Lower Upper
 138 100
 108 10.0 8.0 12.0
 92 109.9 91.0 136.6

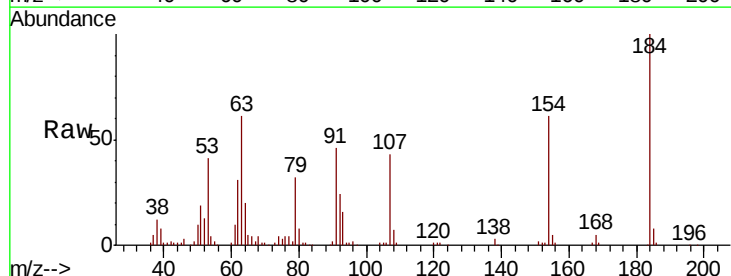


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

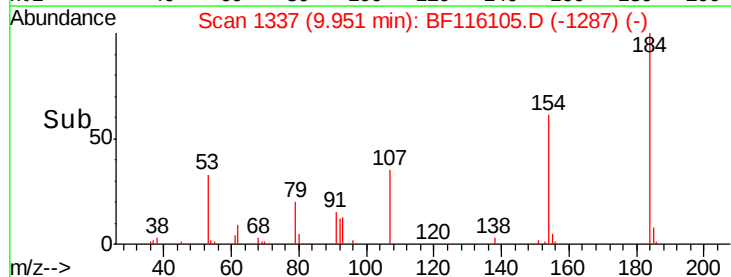
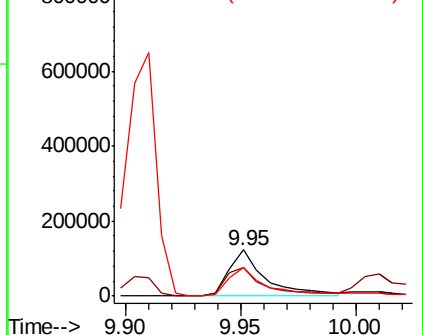


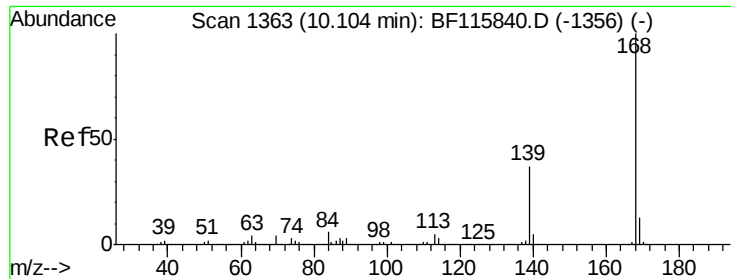
#54
 2,4-Dinitrophenol
 Concen: 67.084 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BF116105.D
 Acq: 9 Aug 2019 11:30

Tgt Ion:184 Resp: 137474
 Ion Ratio Lower Upper
 184 100
 63 61.3 53.0 79.4
 154 61.4 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

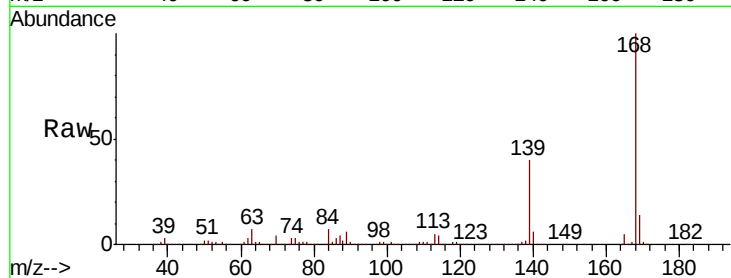




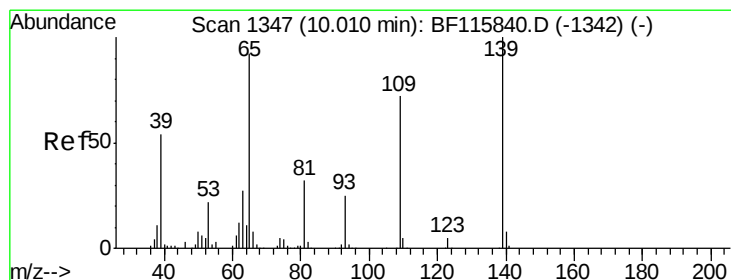
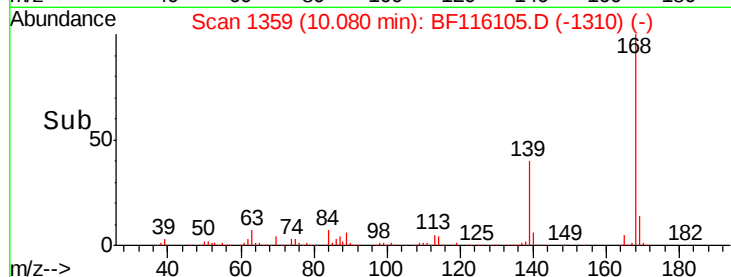
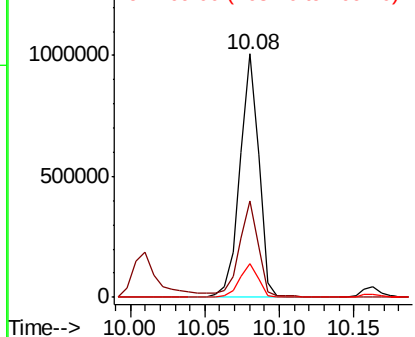
#55
Dibenzenofuran
Concen: 41.798 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF116105.D
Acq: 9 Aug 2019 11:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 888982
Ion Ratio Lower Upper
168 100
139 39.7 31.4 47.2
169 13.9 10.9 16.3

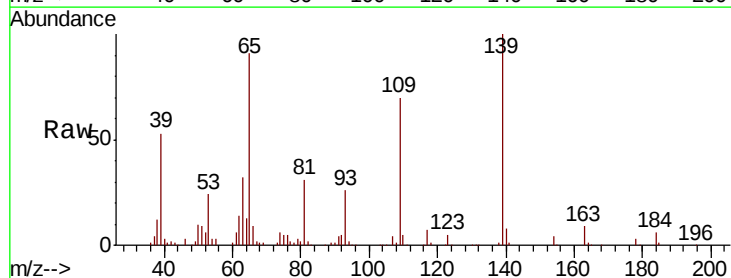


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

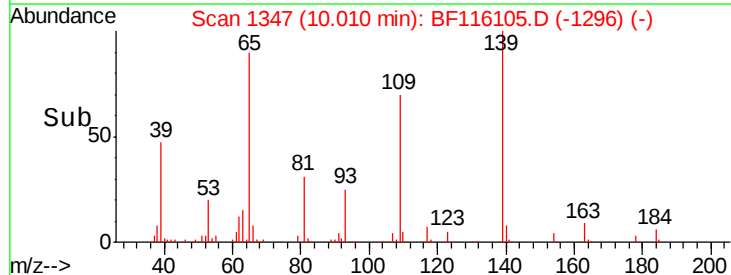
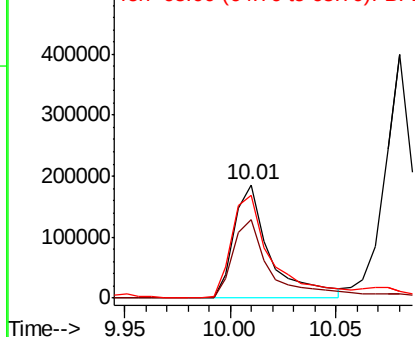


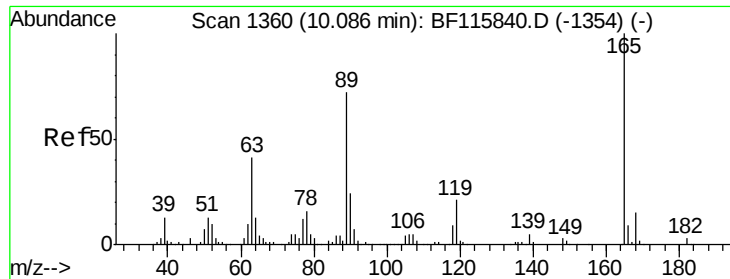
#56
4-Nitrophenol
Concen: 67.781 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BF116105.D
Acq: 9 Aug 2019 11:30

Tgt Ion:139 Resp: 220770
Ion Ratio Lower Upper
139 100
109 69.9 54.4 94.4
65 90.9 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

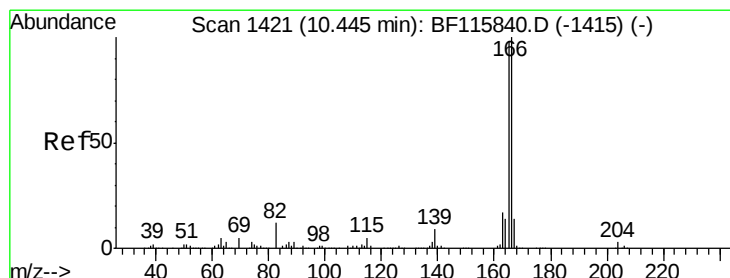
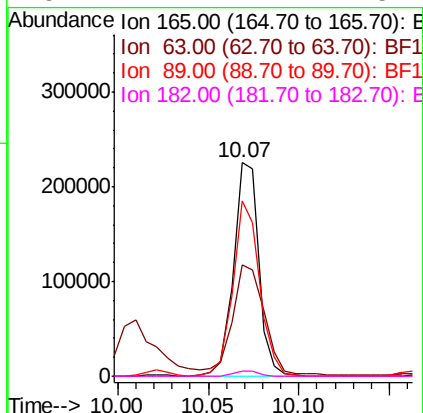
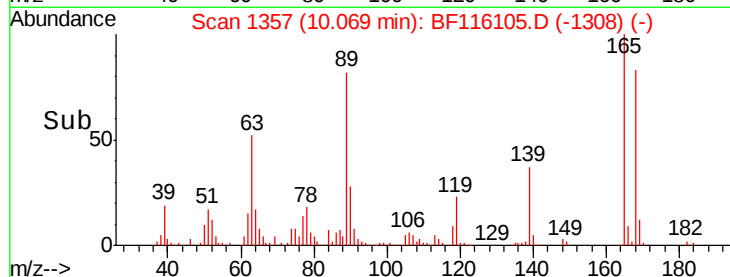
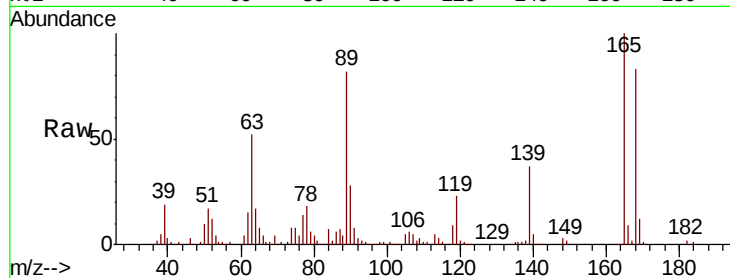




#57
2,4-Dinitrotoluene
Concen: 40.034 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF116105.D
Acq: 9 Aug 2019 11:30

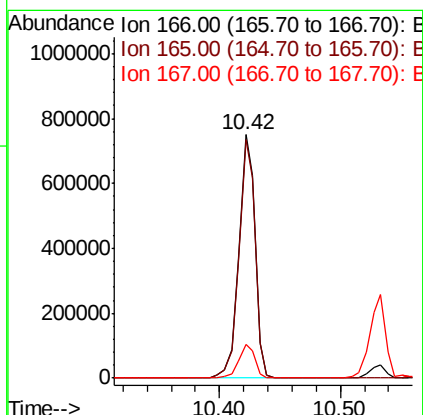
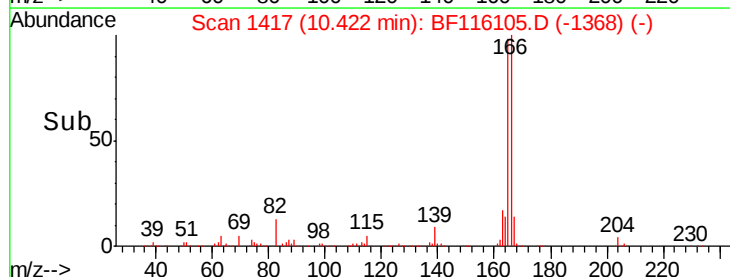
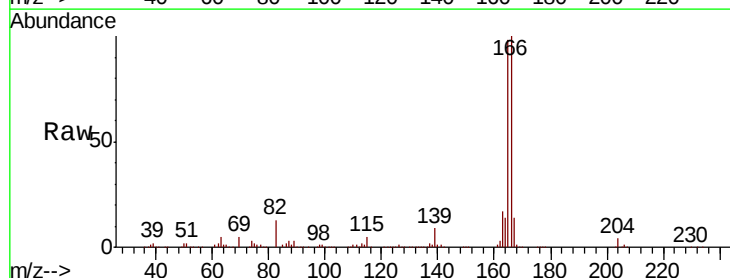
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	52.1	39.6	59.4
89	82.2	62.2	93.2
182	2.4	2.1	3.1



#58
Fluorene
Concen: 42.913 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF116105.D
Acq: 9 Aug 2019 11:30

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.4	117.6
167	13.7	11.0	16.4

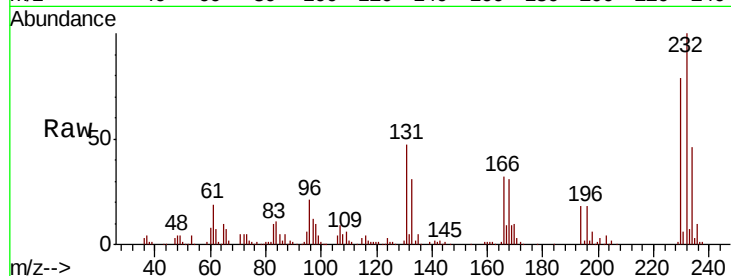




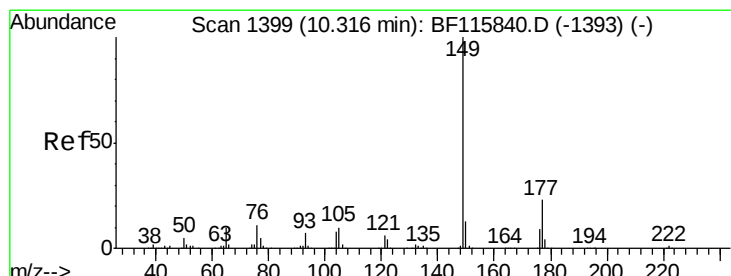
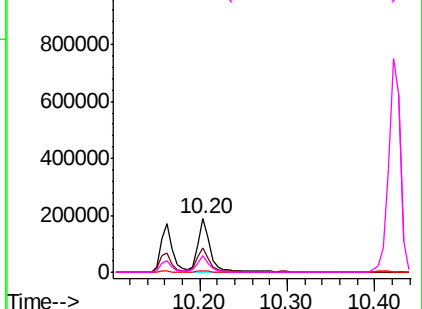
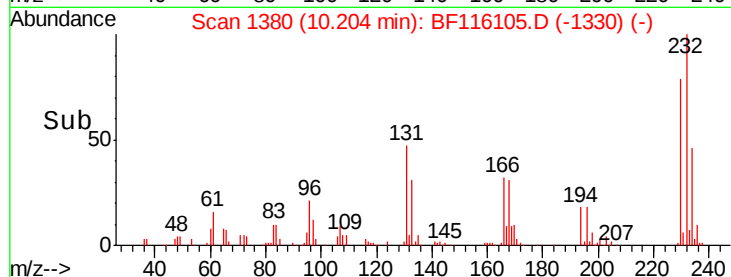
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.233 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. -0.01 min
 Lab File: BF116105.D
 Acq: 9 Aug 2019 11:30

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:232 Resp: 187949
 Ion Ratio Lower Upper
 232 100
 131 44.2 36.2 54.2
 130 2.2 1.9 2.9
 166 29.1 23.0 34.4

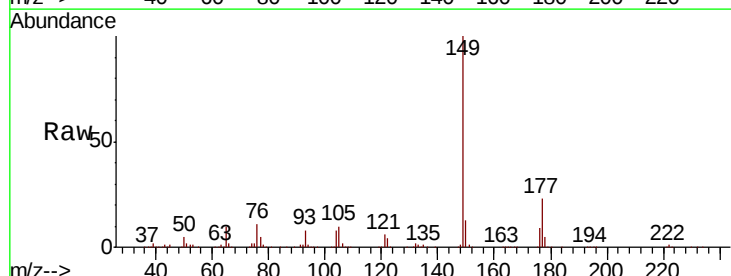


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

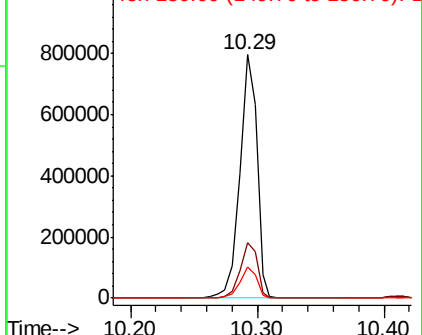
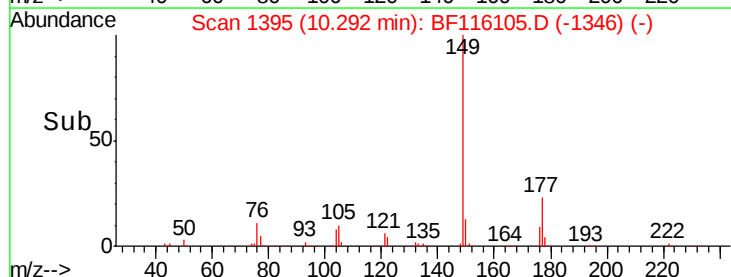


#60
 Diethylphthalate
 Concen: 41.535 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: BF116105.D
 Acq: 9 Aug 2019 11:30

Tgt Ion:149 Resp: 734265
 Ion Ratio Lower Upper
 149 100
 177 22.5 18.8 28.2
 150 12.9 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

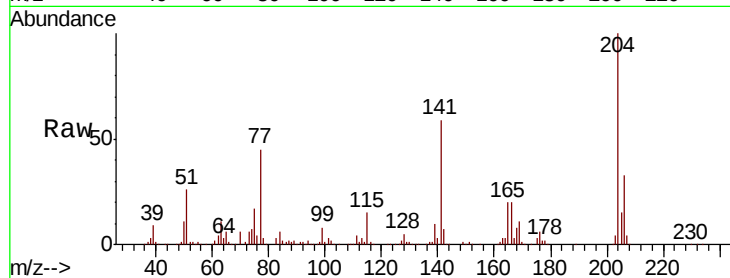




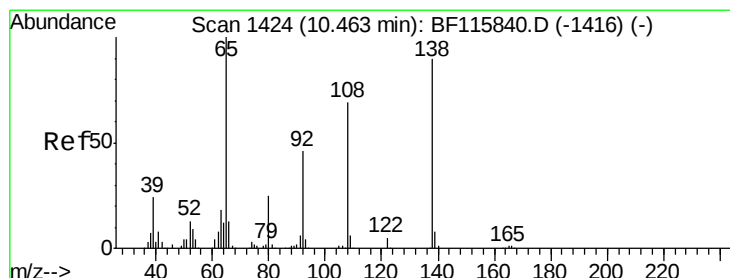
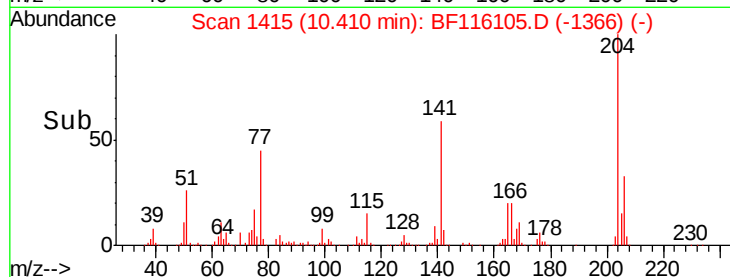
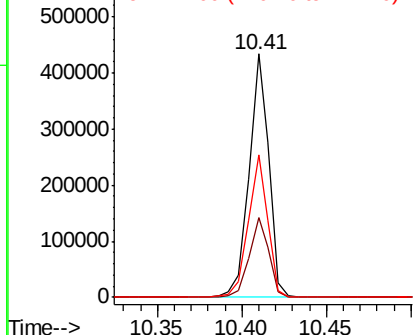
#61
4-Chlorophenyl-phenylether
Concen: 42.800 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF116105.D
Acq: 9 Aug 2019 11:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 354700
Ion Ratio Lower Upper
204 100
206 32.5 26.4 39.6
141 58.6 46.4 69.6

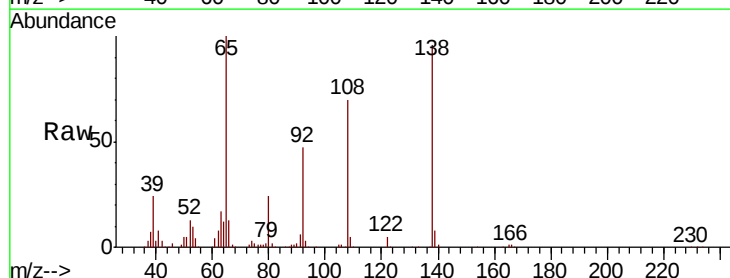


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

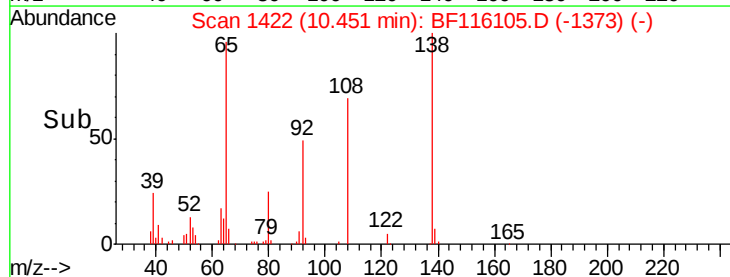
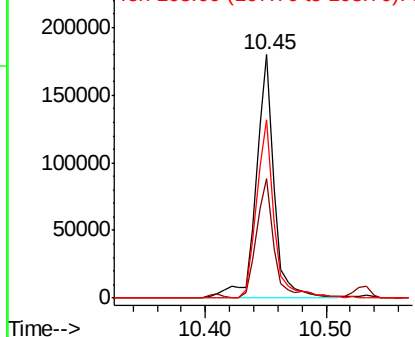


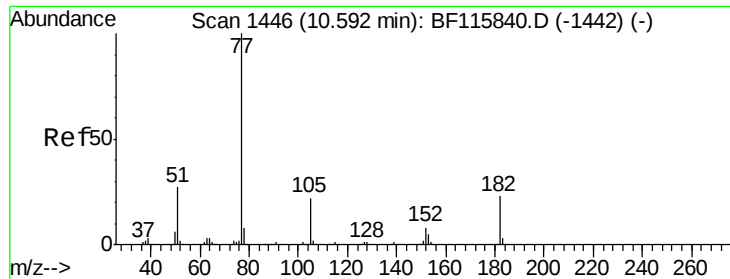
#62
4-Nitroaniline
Concen: 35.696 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF116105.D
Acq: 9 Aug 2019 11:30

Tgt Ion:138 Resp: 187566
Ion Ratio Lower Upper
138 100
92 49.2 29.0 69.0
108 73.0 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

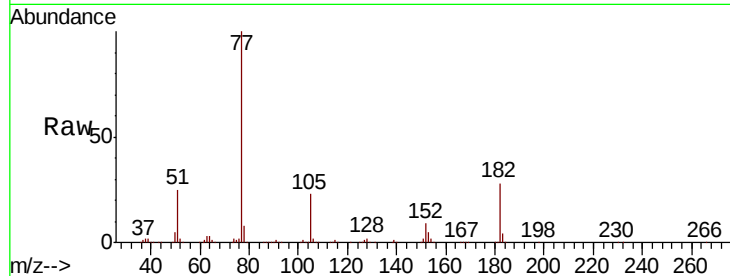




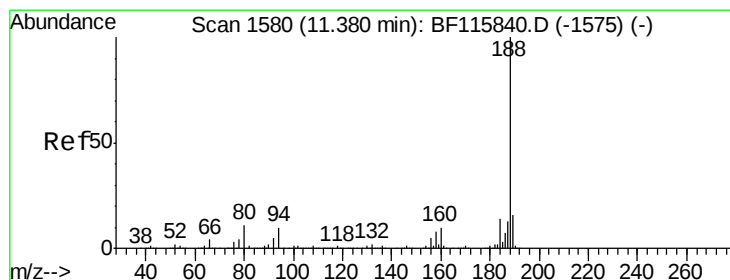
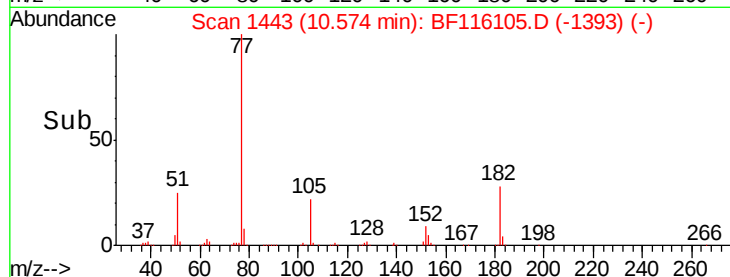
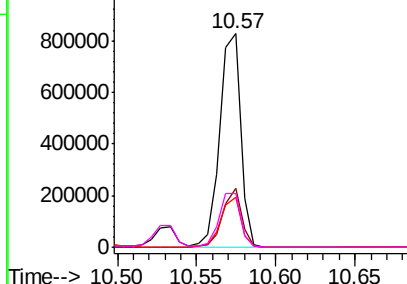
#63
Azobenzene
Concen: 41.919 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BF116105.D
Acq: 9 Aug 2019 11:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	77	Resp:	762225
Ion	Ratio	Lower	Upper
77	100		
182	27.5	4.0	44.0
105	23.4	2.0	42.0
51	25.4	7.5	47.5

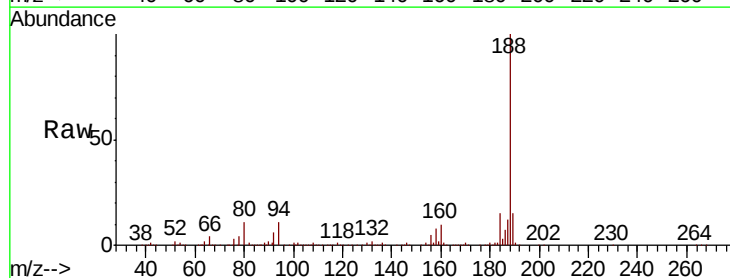


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

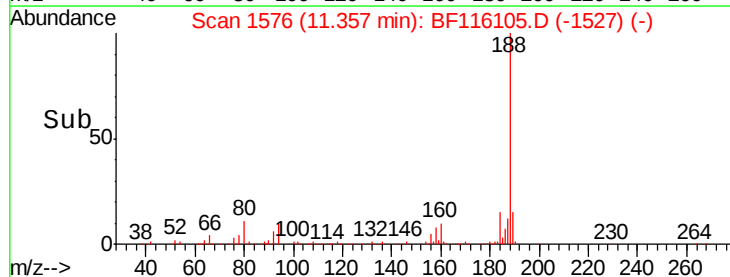
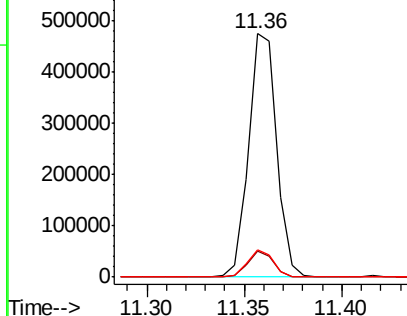


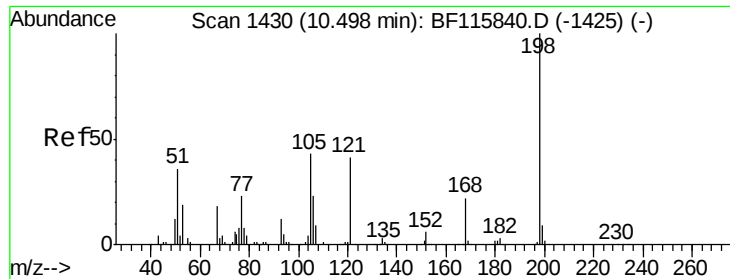
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116105.D
Acq: 9 Aug 2019 11:30

Tgt Ion:	188	Resp:	474332
Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.1	12.1
80	11.4	8.7	13.1



Abundance Ion 188.00 (187.70 to 188.70): E
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: 43.588 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BF116105.D

Acq: 9 Aug 2019 11:30

Instrument :

BNA_F

ClientSampleId :

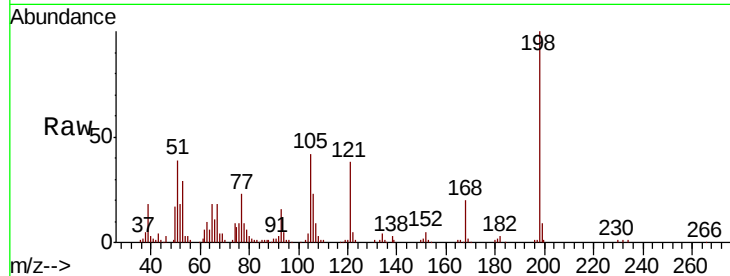
Tot Ion:198 Resp: 109565

Ion Ratio Lower Upper

198 100

51 38.9 17.0 57.0

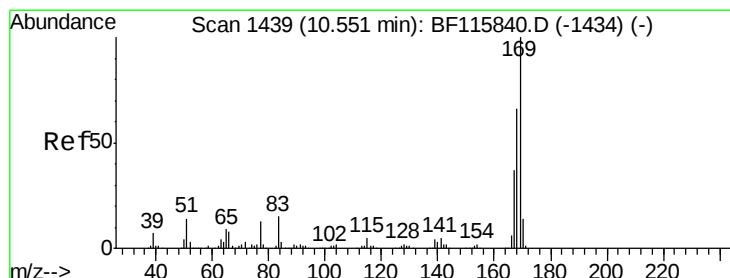
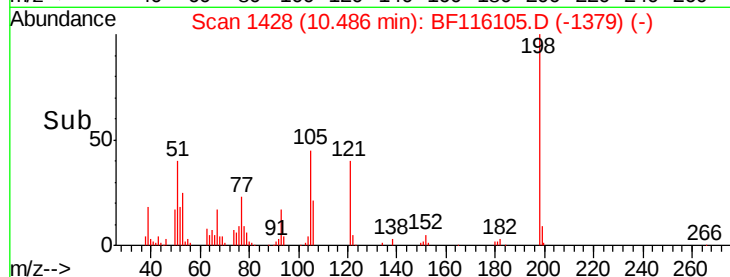
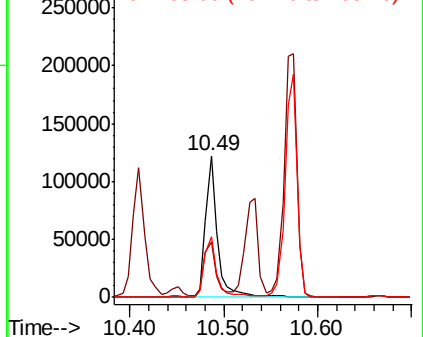
105 42.5 21.6 61.6



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: 43.151 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BF116105.D

Acq: 9 Aug 2019 11:30

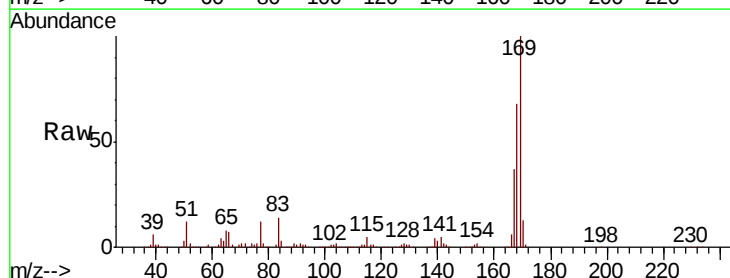
Tgt Ion:169 Resp: 616070

Ion Ratio Lower Upper

169 100

168 67.9 53.8 80.6

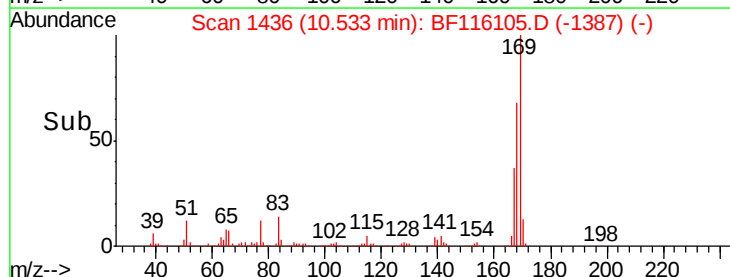
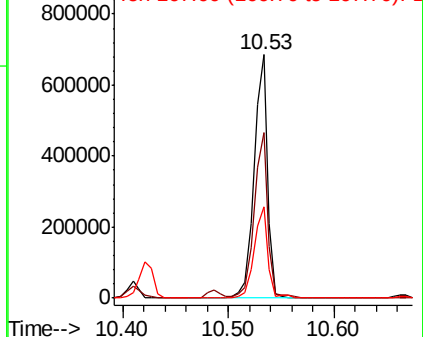
167 37.4 29.6 44.4

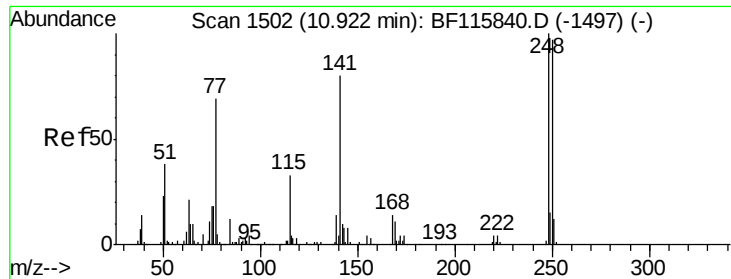


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

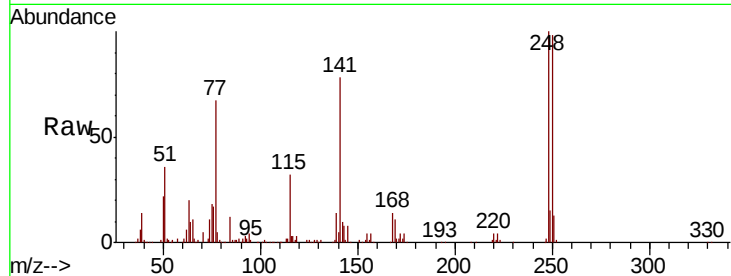




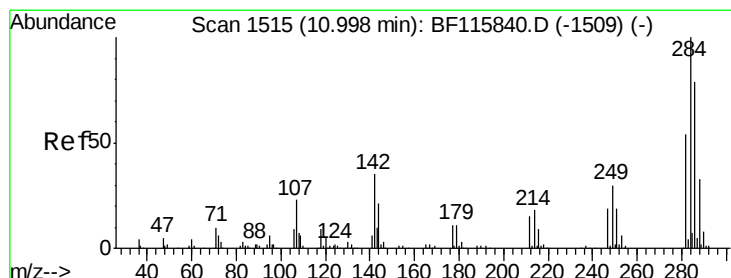
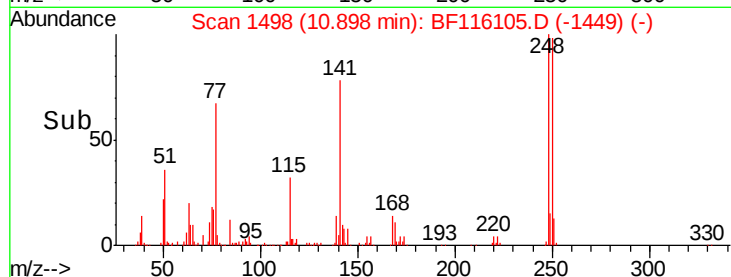
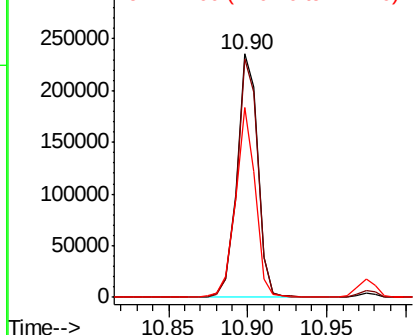
#67
4-Bromophenyl-phenylether
Concen: 42.251 ng
RT: 10.90 min Scan# 1498
Delta R.T. -0.01 min
Lab File: BF116105.D
Acq: 9 Aug 2019 11:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 214539
Ion Ratio Lower Upper
248 100
250 98.0 77.4 116.2
141 78.0 56.8 85.2

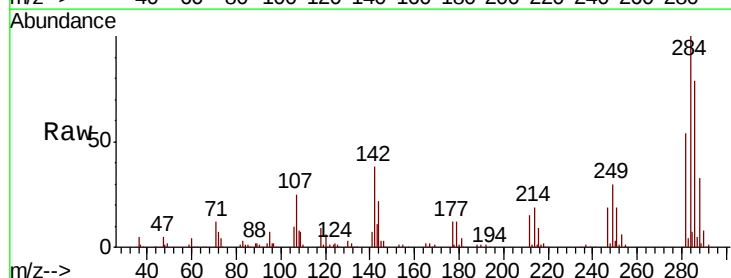


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

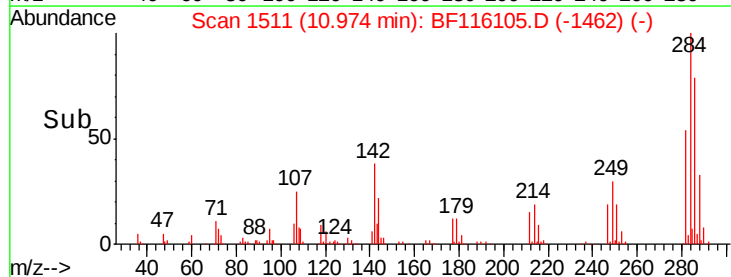
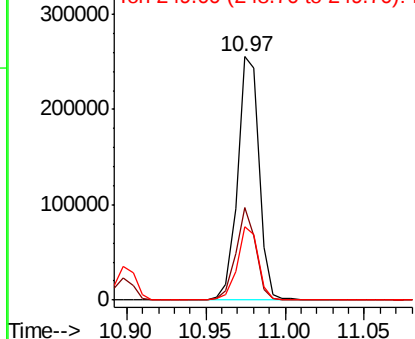


#68
Hexachlorobenzene
Concen: 41.017 ng
RT: 10.97 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF116105.D
Acq: 9 Aug 2019 11:30

Tgt Ion:284 Resp: 240834
Ion Ratio Lower Upper
284 100
142 38.0 28.4 42.6
249 30.3 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

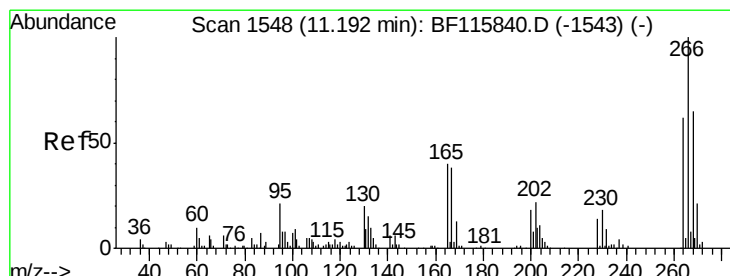
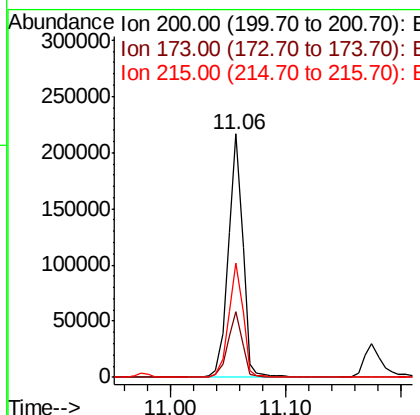
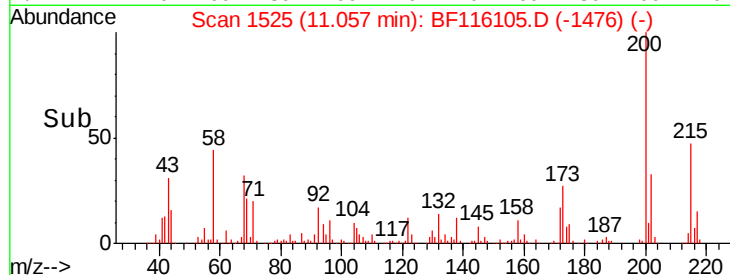
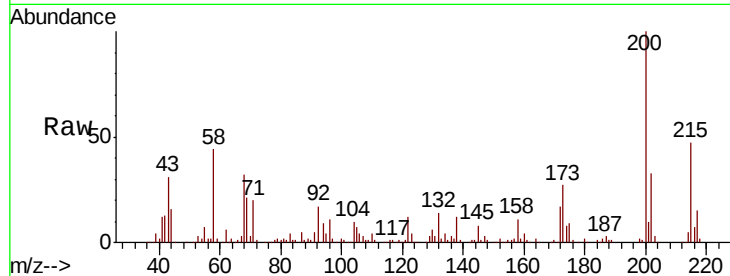




#69
 Atrazine
 Concen: 40.107 ng
 RT: 11.06 min Scan# 1525
 Delta R.T. -0.01 min
 Lab File: BF116105.D
 Acq: 9 Aug 2019 11:30

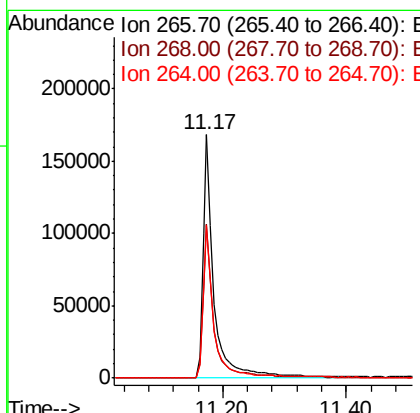
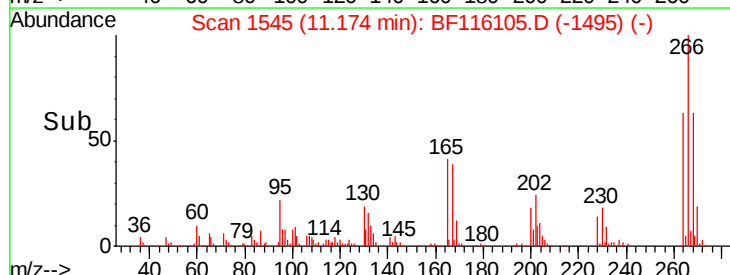
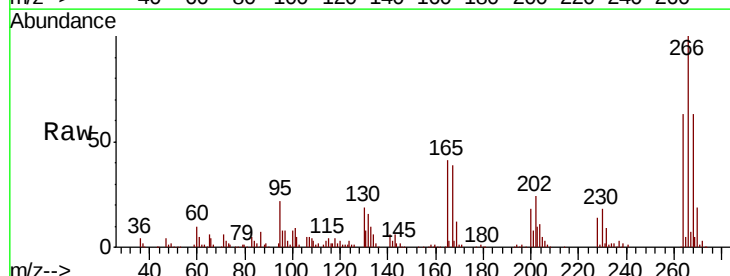
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.9	6.8	46.8
215	47.1	27.5	67.5



#70
 Pentachlorophenol
 Concen: 74.604 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. -0.01 min
 Lab File: BF116105.D
 Acq: 9 Aug 2019 11:30

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.2	48.8	73.2
264	62.6	50.6	76.0

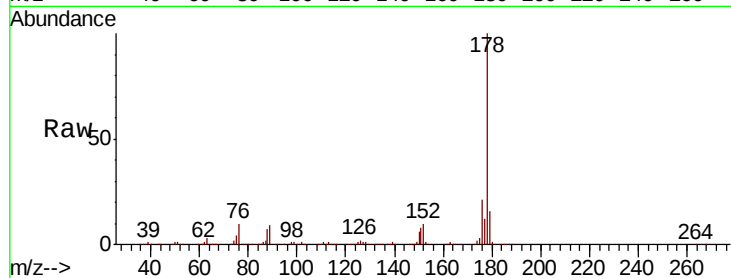




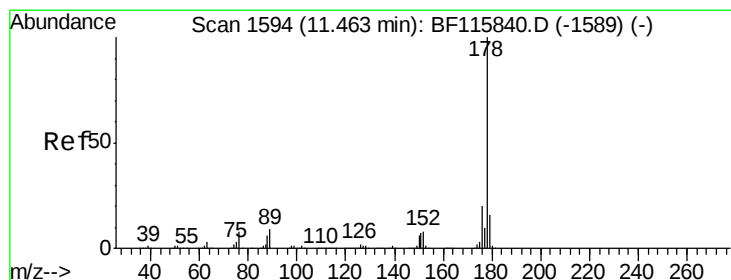
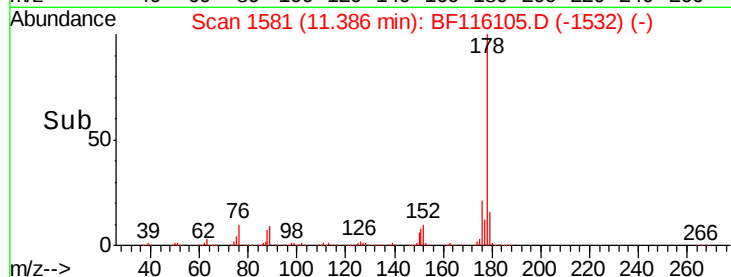
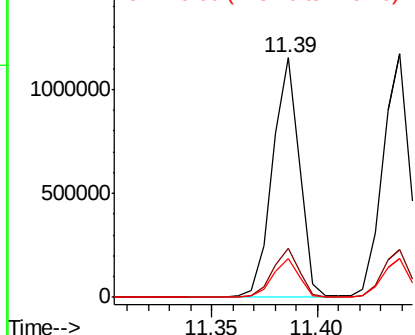
#71
Phenanthrene
Concen: 42.053 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF116105.D
Acq: 9 Aug 2019 11:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1019736
Ion Ratio Lower Upper
178 100
176 20.5 16.6 24.8
179 16.0 12.5 18.7

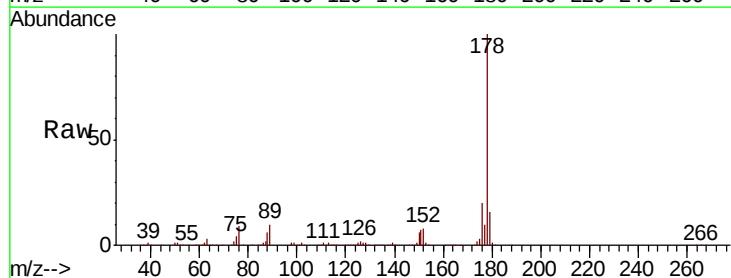


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

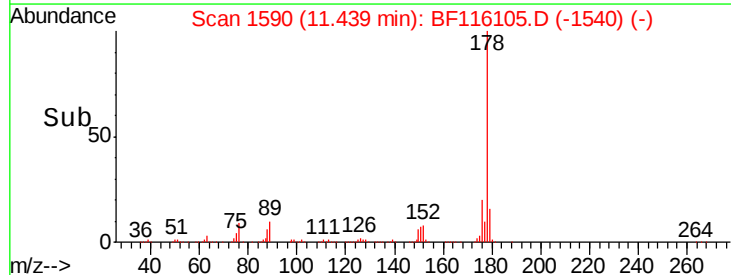
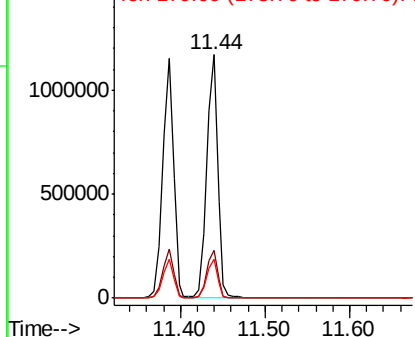


#72
Anthracene
Concen: 43.407 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF116105.D
Acq: 9 Aug 2019 11:30

Tgt Ion:178 Resp: 1065250
Ion Ratio Lower Upper
178 100
176 19.8 15.7 23.5
179 15.7 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

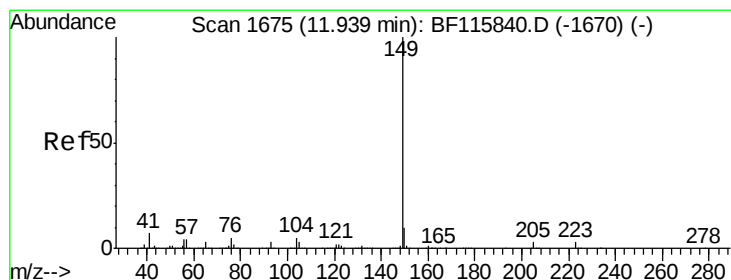
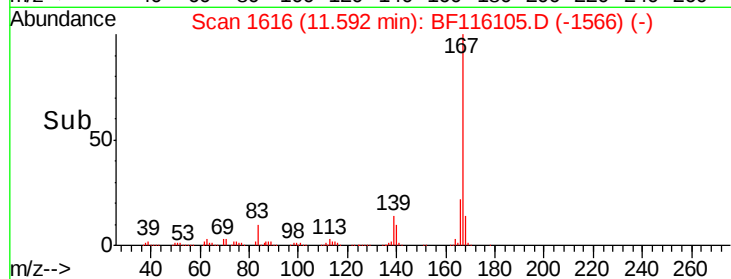
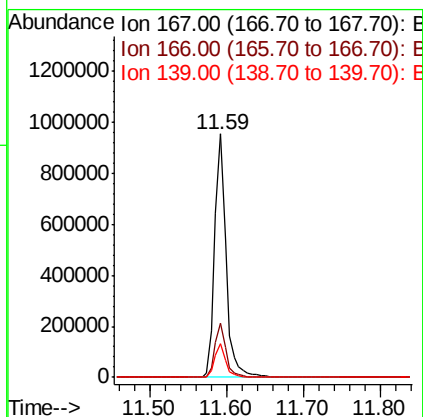
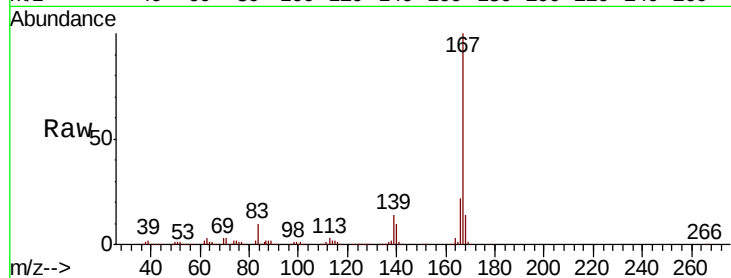




#73
 Carbazole
 Concen: 43.157 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. -0.01 min
 Lab File: BF116105.D
 Acq: 9 Aug 2019 11:30

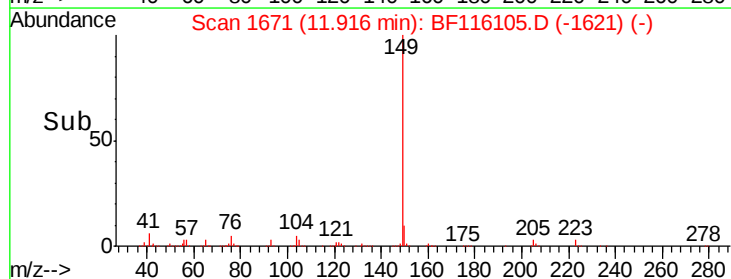
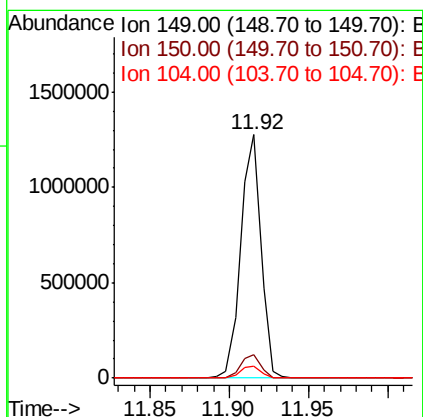
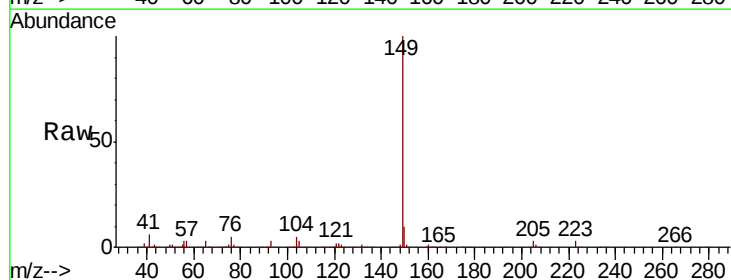
Instrument :
 BNA_F
 ClientSampleId :

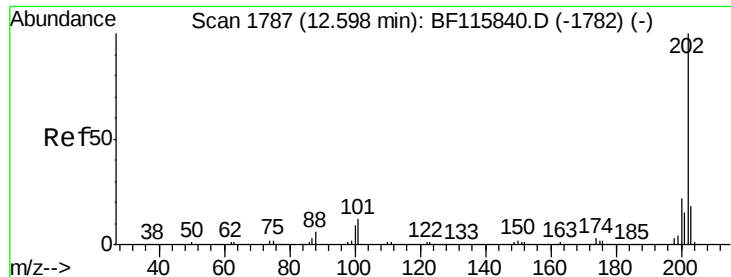
Tot Ion:167 Resp: 960872
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.8 26.6
 139 14.1 11.4 17.0



#74
 Di-n-butylphthalate
 Concen: 43.507 ng
 RT: 11.92 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: BF116105.D
 Acq: 9 Aug 2019 11:30

Tgt Ion:149 Resp: 1130011
 Ion Ratio Lower Upper
 149 100
 150 9.5 8.0 12.0
 104 4.9 4.5 6.7





#75

Fluoranthene

Concen: 42.271 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BF116105.D

Acq: 9 Aug 2019 11:30

Instrument :

BNA_F

ClientSampleId :

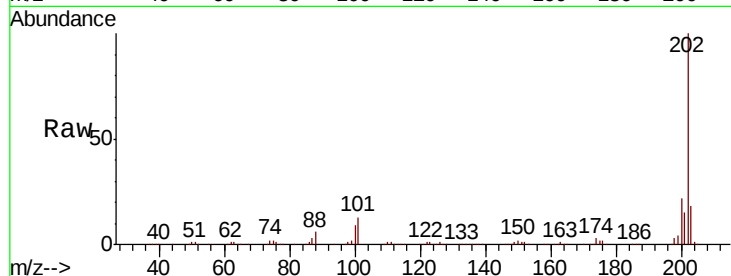
Tot Ion:202 Resp: 1073094

Ion Ratio Lower Upper

202 100

101 12.6 0.0 31.2

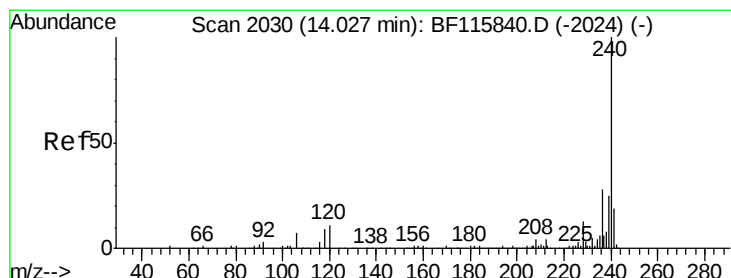
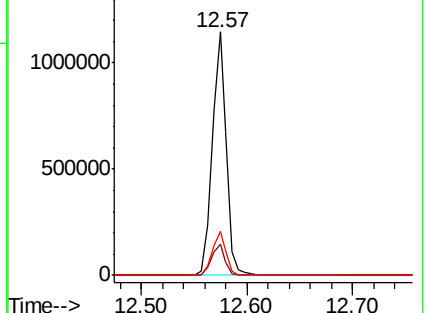
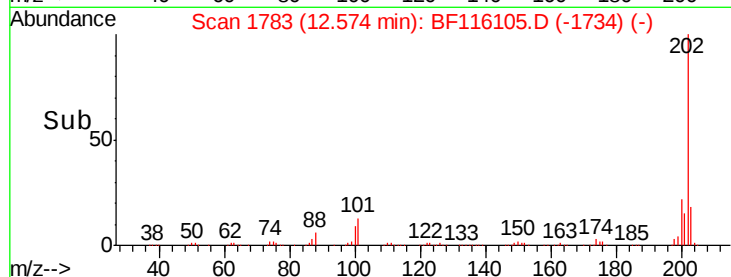
203 18.0 0.0 37.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF116105.D

Acq: 9 Aug 2019 11:30

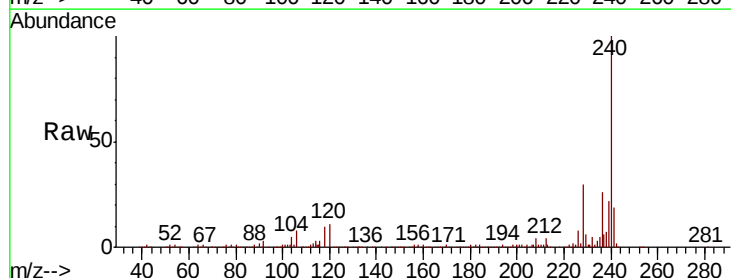
Tgt Ion:240 Resp: 329930

Ion Ratio Lower Upper

240 100

120 10.9 10.7 16.1

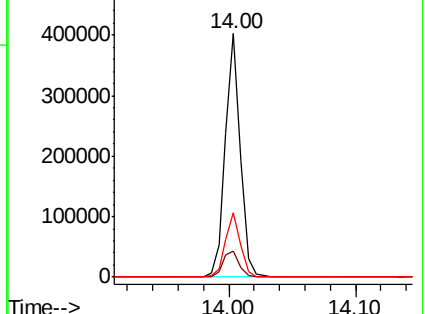
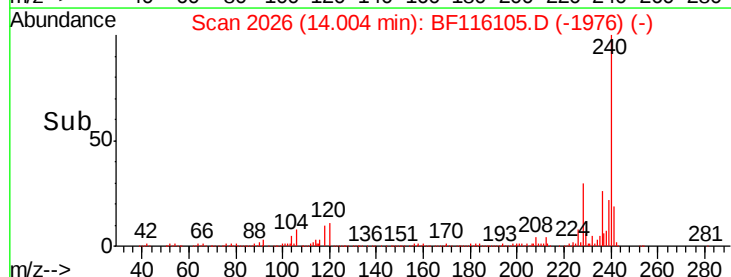
236 26.5 22.2 33.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

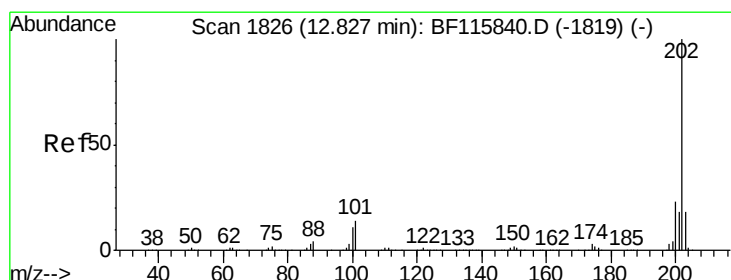
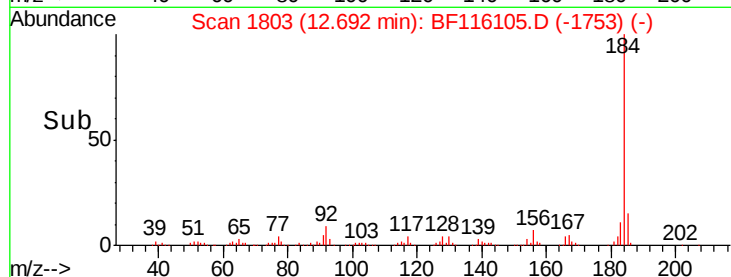
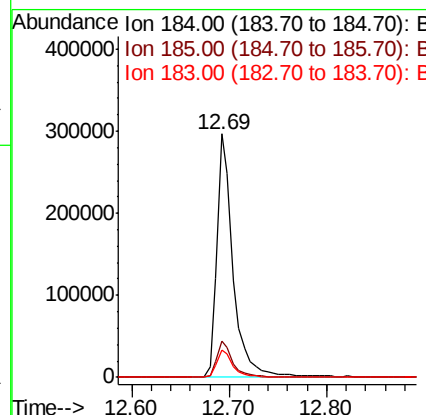
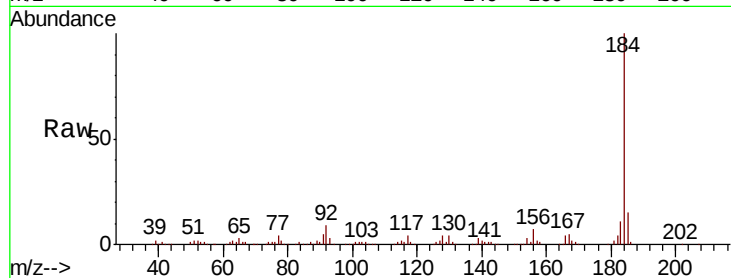




#77
Benzidine
Concen: 30.866 ng
RT: 12.69 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF116105.D
Acq: 9 Aug 2019 11:30

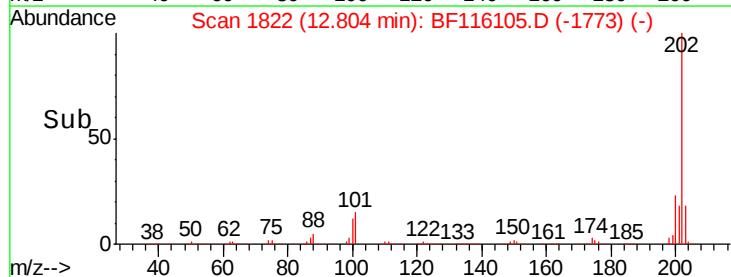
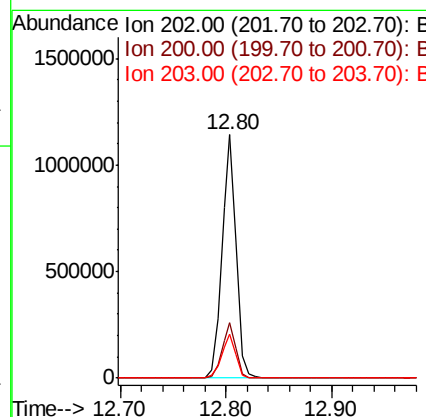
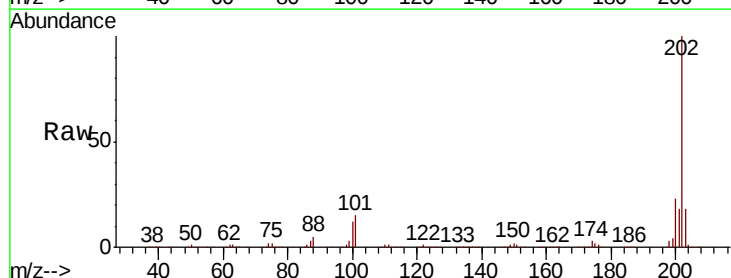
Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 344041
Ion Ratio Lower Upper
184 100
185 14.9 12.8 19.2
183 11.2 9.4 14.0



#78
Pyrene
Concen: 43.468 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BF116105.D
Acq: 9 Aug 2019 11:30

Tgt Ion:202 Resp: 1081085
Ion Ratio Lower Upper
202 100
200 22.5 18.0 27.0
203 18.2 14.1 21.1





#79

Terphenyl-d14

Concen: 84.978 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF116105.D

Acq: 9 Aug 2019 11:30

Instrument :

BNA_F

ClientSampleId :

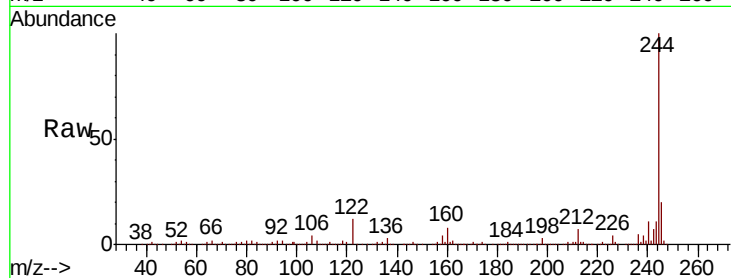
Tot Ion:244 Resp: 1330551

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	12.3	9.0	13.4

244 100

212 7.2 5.8 8.8

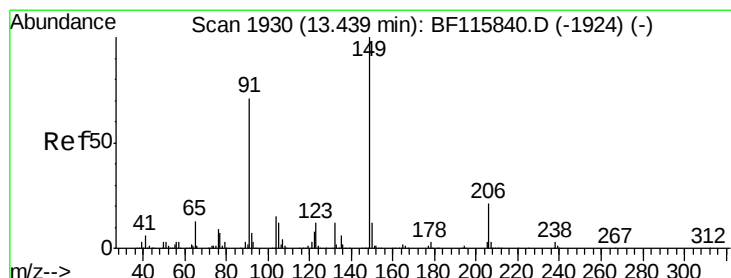
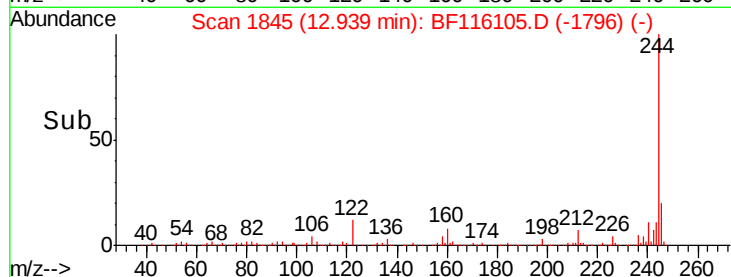
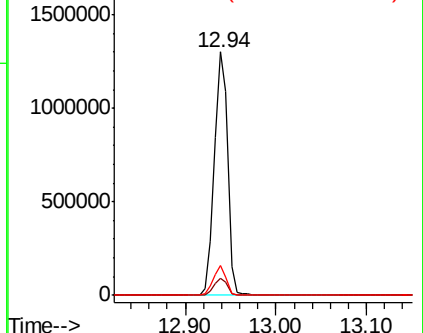
122 12.3 9.0 13.4



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: 44.157 ng

RT: 13.41 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BF116105.D

Acq: 9 Aug 2019 11:30

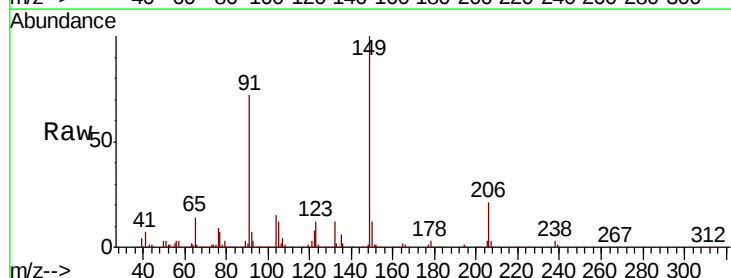
Tgt Ion:149 Resp: 464546

Ion	Ratio	Lower	Upper
149	100		
91	72.3	56.3	84.5
206	20.8	18.0	27.0

149 100

91 72.3 56.3 84.5

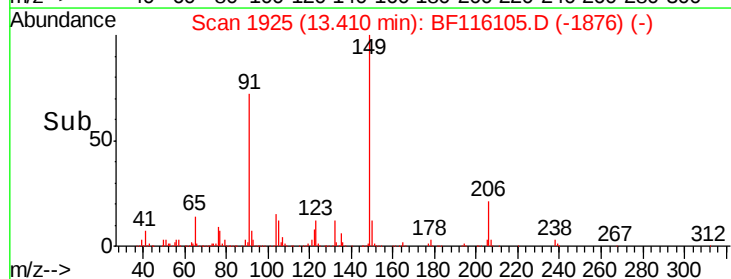
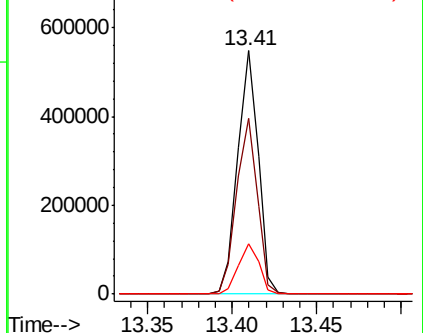
206 20.8 18.0 27.0



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: 41.375 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF116105.D

Acq: 9 Aug 2019 11:30

Instrument :

BNA_F

ClientSampleId :

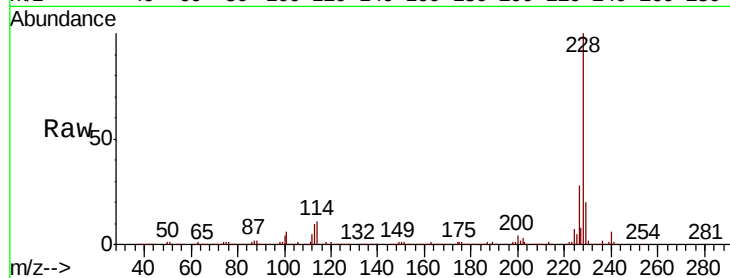
Tot Ion:228 Resp: 872512

Ion Ratio Lower Upper

228 100

226 28.3 22.7 34.1

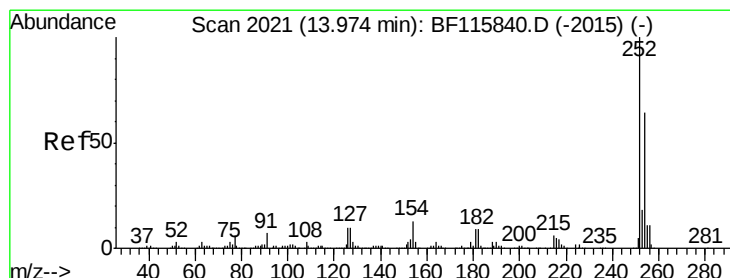
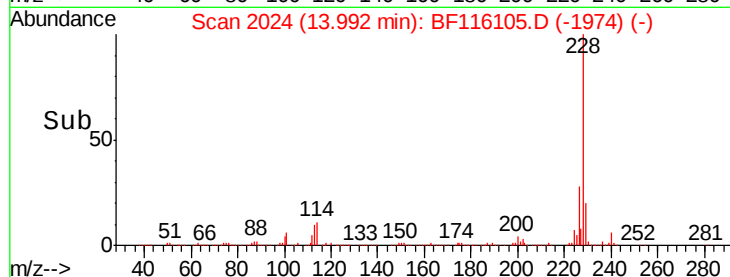
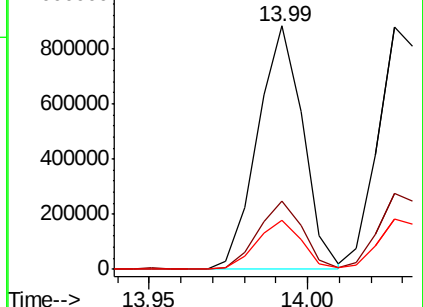
229 20.3 16.2 24.4



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: 36.929 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF116105.D

Acq: 9 Aug 2019 11:30

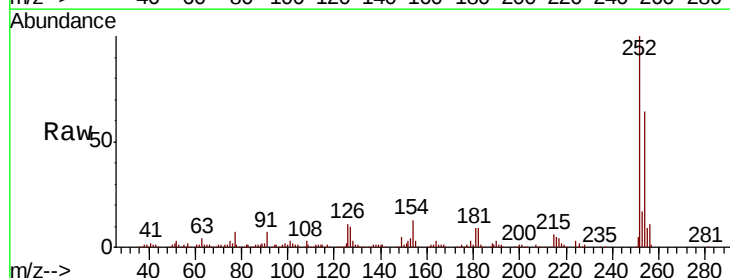
Tgt Ion:252 Resp: 270555

Ion Ratio Lower Upper

252 100

254 64.4 50.9 76.3

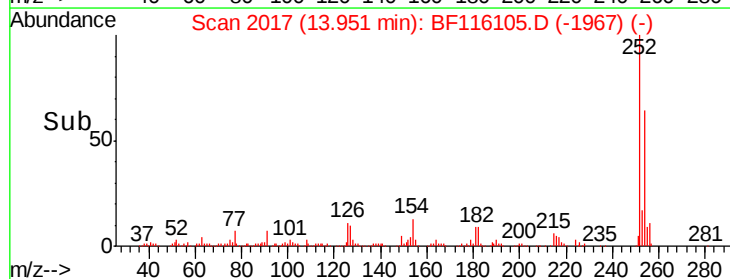
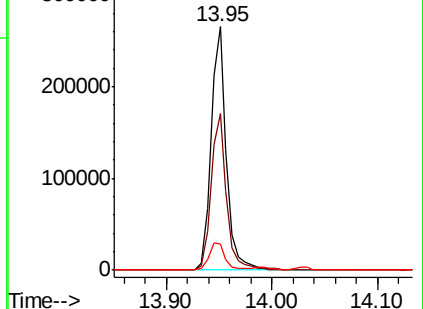
126 10.9 9.8 14.8

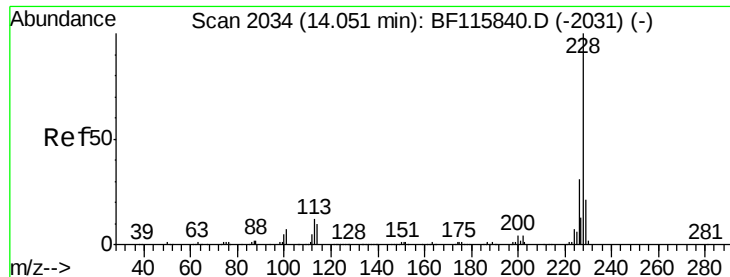


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

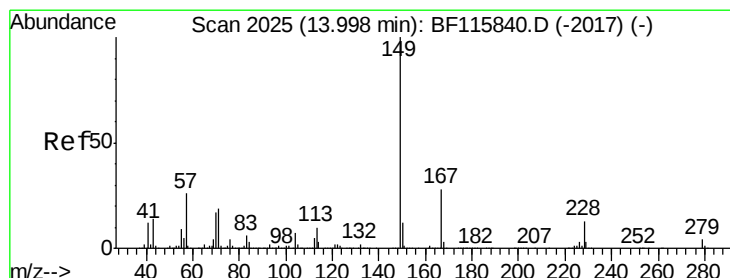
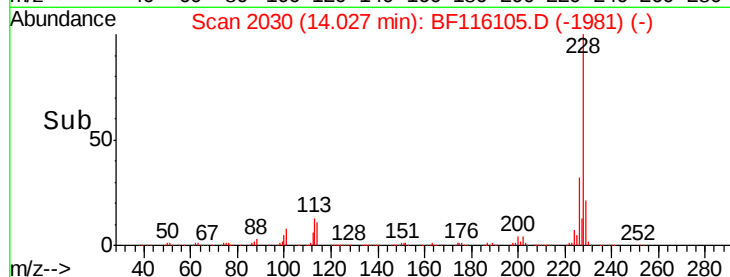
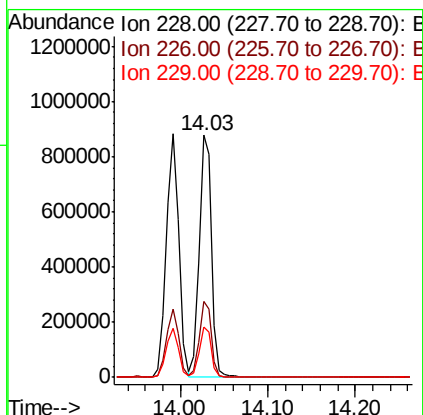
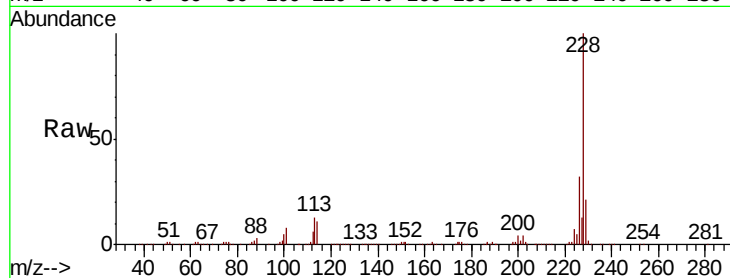




#83
 Chrvsene
 Concen: 41.669 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF116105.D
 Acq: 9 Aug 2019 11:30

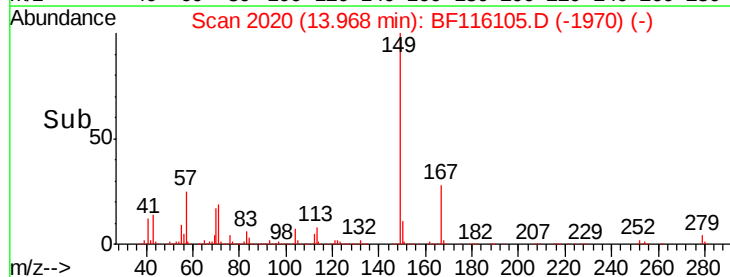
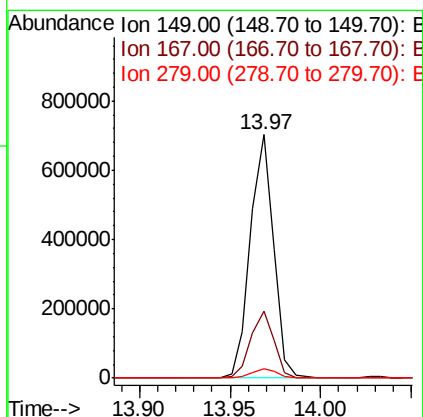
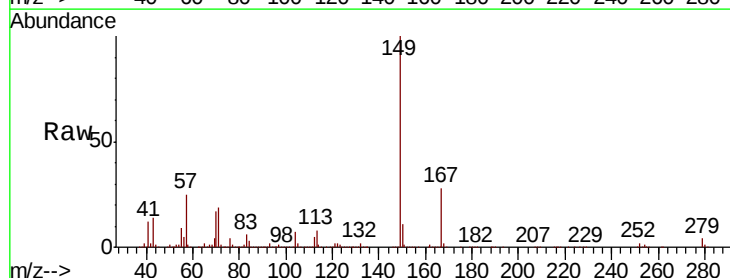
Instrument :
 BNA_F
 ClientSampled :

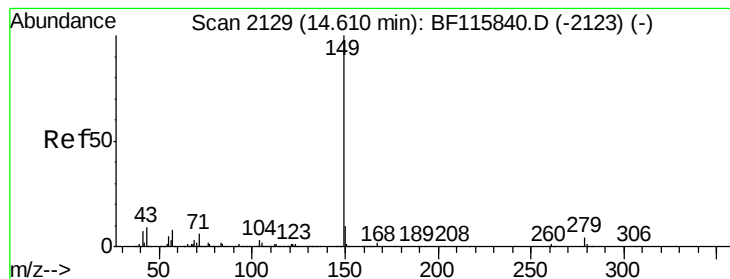
Tot Ion:228 Resp: 853103
 Ion Ratio Lower Upper
 228 100
 226 31.6 25.5 38.3
 229 20.9 16.6 24.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.963 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF116105.D
 Acq: 9 Aug 2019 11:30

Tgt Ion:149 Resp: 628370
 Ion Ratio Lower Upper
 149 100
 167 27.7 21.6 32.4
 279 4.1 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 44.400 ng

RT: 14.58 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BF116105.D

Acq: 9 Aug 2019 11:30

Instrument :

BNA_F

ClientSampleId :

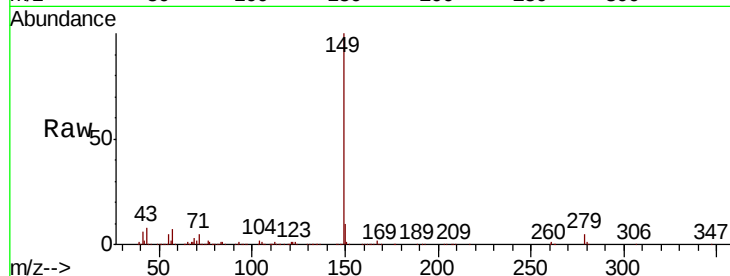
Tot Ion:149 Resp: 964127

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

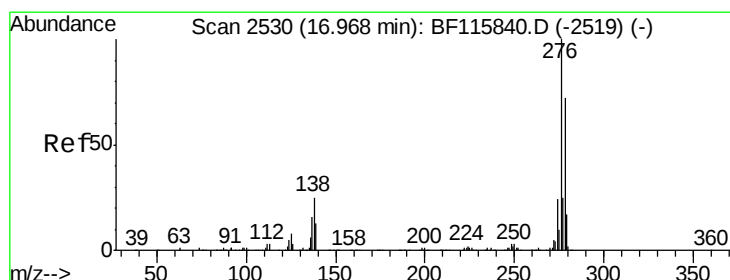
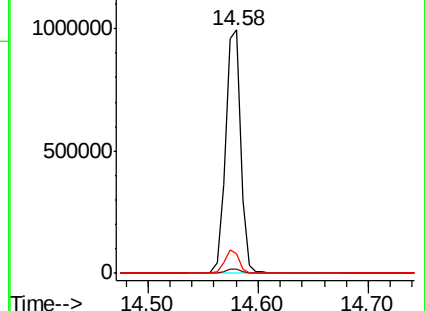
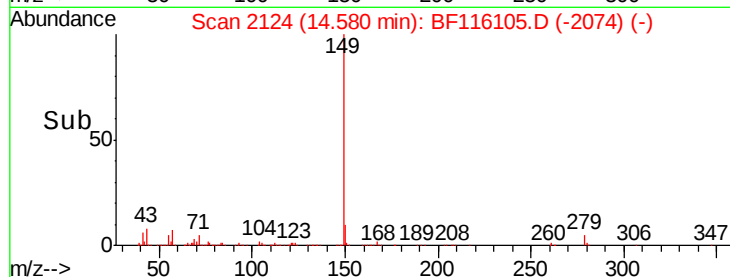
43 9.1 7.5 11.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.048 ng

RT: 16.94 min Scan# 2526

Delta R.T. -0.01 min

Lab File: BF116105.D

Acq: 9 Aug 2019 11:30

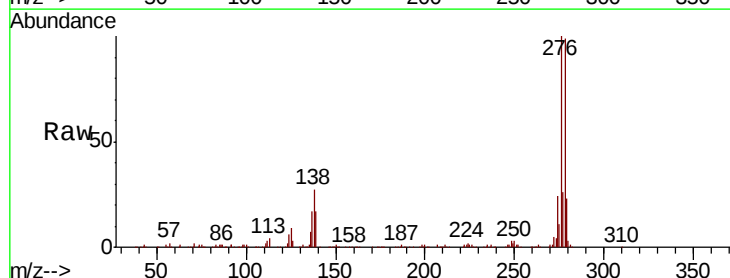
Tgt Ion:276 Resp: 723021

Ion Ratio Lower Upper

276 100

138 25.9 20.4 30.6

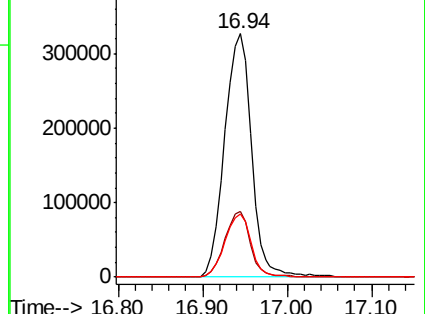
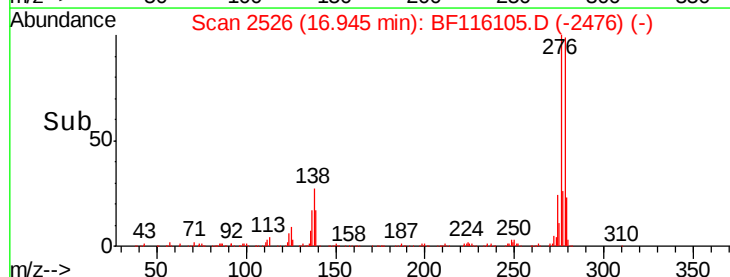
277 25.6 20.0 30.0

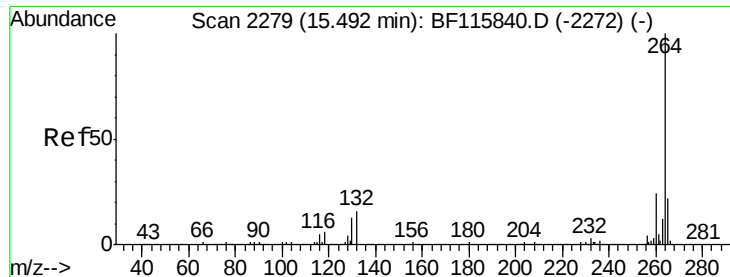


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

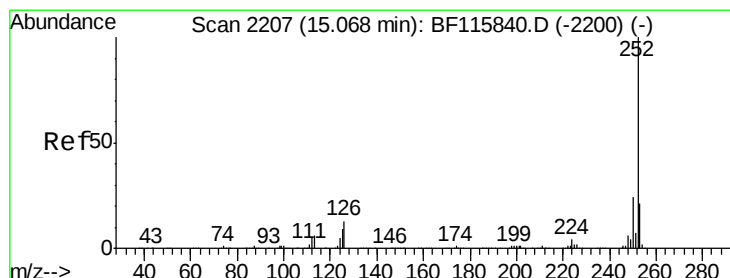
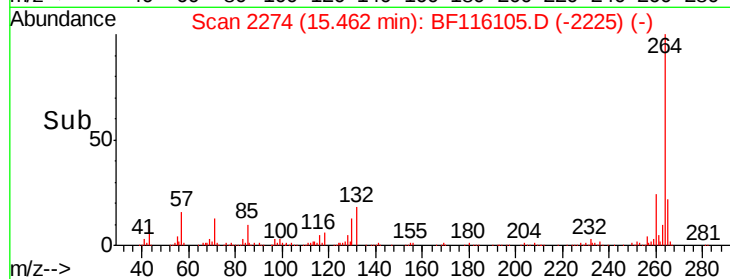
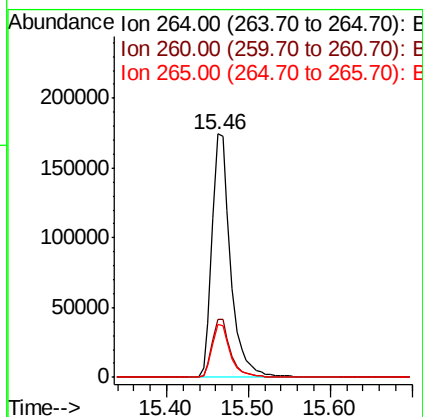
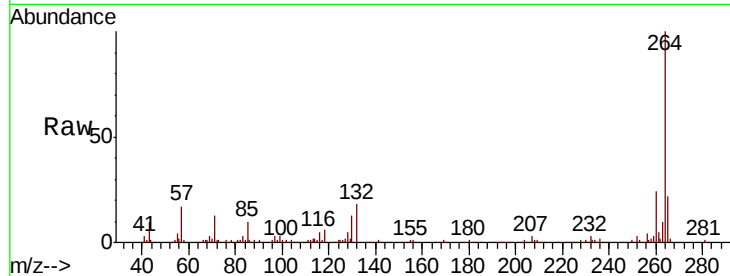




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF116105.D
Acq: 9 Aug 2019 11:30

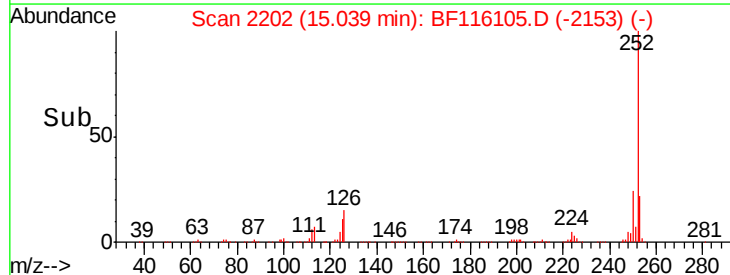
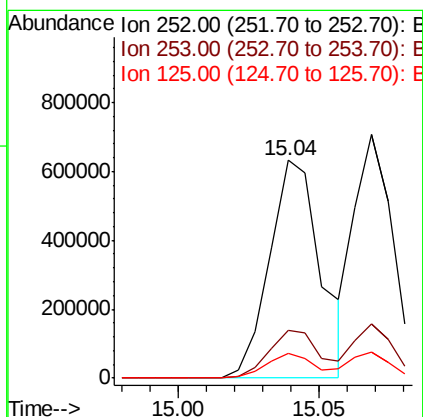
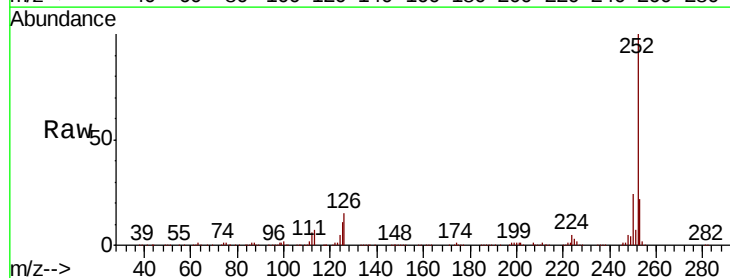
Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 276339
Ion Ratio Lower Upper
264 100
260 23.9 19.7 29.5
265 21.6 17.4 26.0



#88
Benzo(b)fluoranthene
Concen: 49.999 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BF116105.D
Acq: 9 Aug 2019 11:30

Tgt Ion:252 Resp: 798896
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 11.4 8.4 12.6

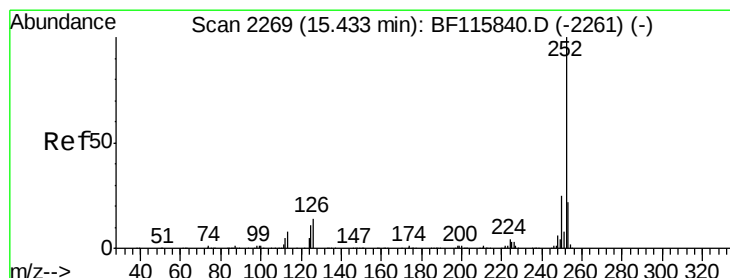
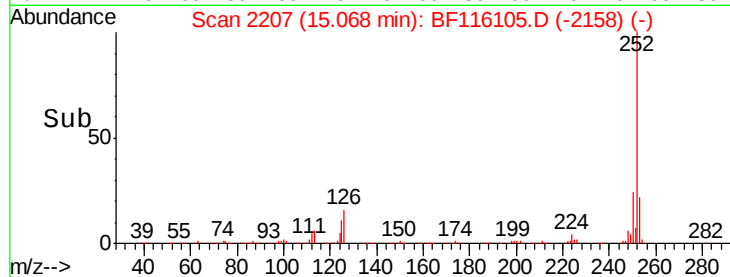
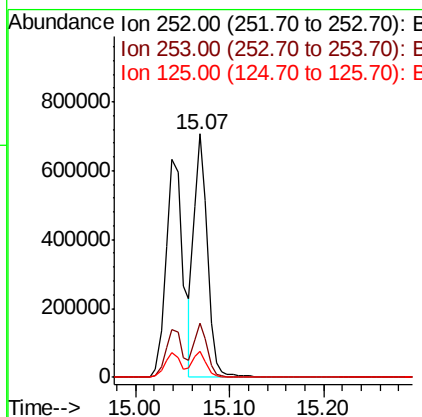
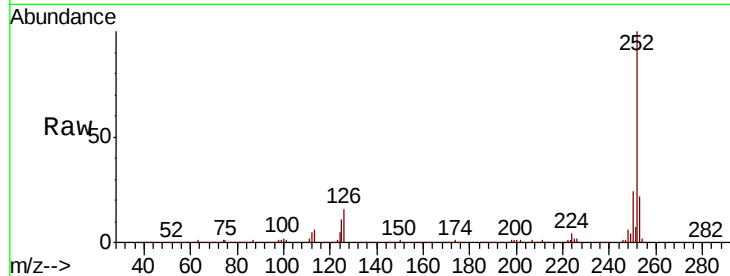




#89
Benzo(k)fluoranthene
Concen: 44.741 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF116105.D
Acq: 9 Aug 2019 11:30

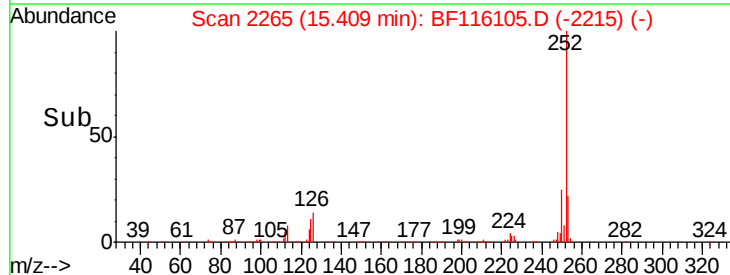
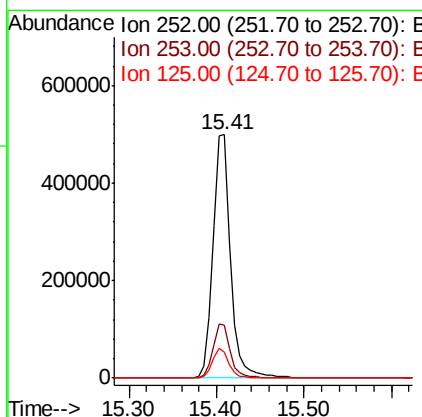
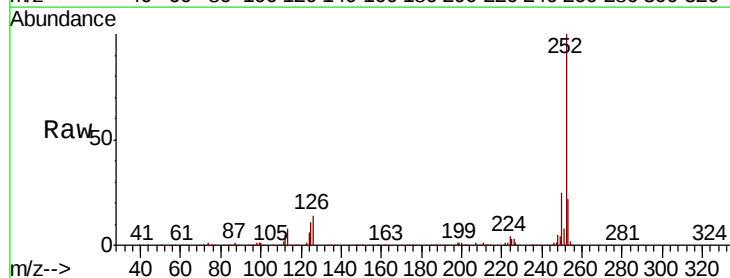
Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 696306
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 10.7 7.7 11.5



#90
Benzo(a)pyrene
Concen: 48.999 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF116105.D
Acq: 9 Aug 2019 11:30

Tgt Ion:252 Resp: 699872
Ion Ratio Lower Upper
252 100
253 21.9 18.0 27.0
125 10.9 8.9 13.3



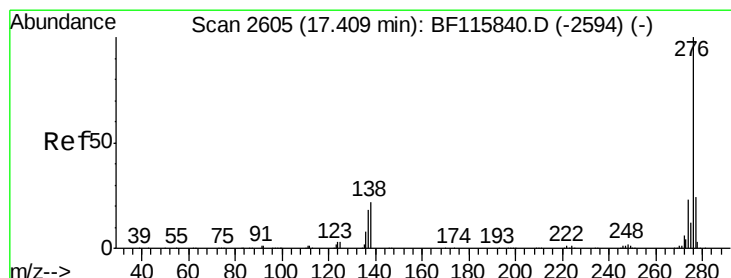
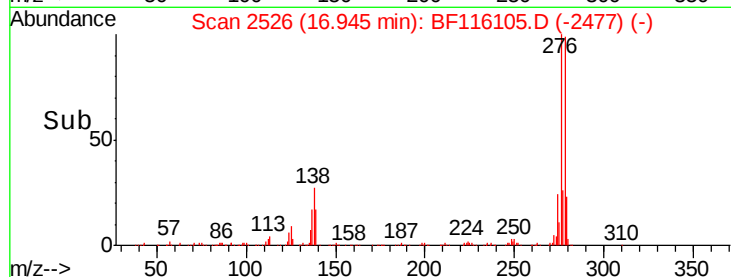
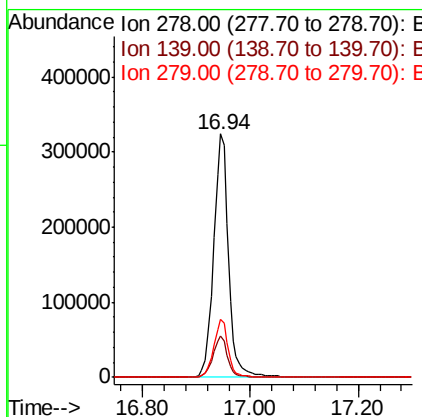
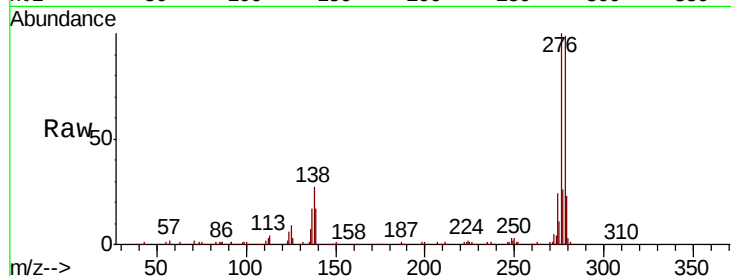


#91
Dibenzo(a,h)anthracene
Concen: 50.223 ng
RT: 16.94 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BF116105.D
Acq: 9 Aug 2019 11:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 620949

Ion	Ratio	Lower	Upper
278	100		
139	17.1	12.8	19.2
279	23.6	18.8	28.2



#92
Benzo(g,h,i)perylene
Concen: 50.682 ng
RT: 17.38 min Scan# 2600
Delta R.T. -0.01 min
Lab File: BF116105.D
Acq: 9 Aug 2019 11:30

Tgt Ion:276 Resp: 615401

Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.4	27.6
138	22.2	17.0	25.6

