

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\
 Data File : BF116025.D
 Acq On : 6 Aug 2019 20:42
 Operator : HP/JU
 Sample : K4129-15MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 07 01:18:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	121682	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	464127	20.00	ng	-0.01
39) Acenaphthene-d10	9.88	164	250843	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	438185	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	307292	20.00	ng	-0.02
87) Perylene-d12	15.46	264	351073	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.48	112	899162	123.70	ng	0.01
7) Phenol-d6	6.49	99	1121719	122.32	ng	0.00
23) Nitrobenzene-d5	7.41	82	815198	101.39	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	359076	147.65	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	1435881	107.22	ng	-0.02
79) Terphenyl-d14	12.95	244	1642272	112.61	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.76	88	129350	35.226	ng	# 86
3) Pyridine	3.49	79	299858	29.233	ng	96
4) n-Nitrosodimethylamine	3.40	42	165591	40.907	ng	98
6) Aniline	6.51	93	173185	13.186	ng	# 77
8) 2-Chlorophenol	6.63	128	358422	44.593	ng	97
9) Benzaldehyde	6.40	77	153610	24.276	ng	99
10) Phenol	6.50	94	406022	37.597	ng	98
11) bis(2-Chloroethyl)ether	6.58	93	359058	45.222	ng	99
12) 1,3-Dichlorobenzene	6.79	146	388622	41.836	ng	98
13) 1,4-Dichlorobenzene	6.86	146	394937	42.462	ng	98
14) 1,2-Dichlorobenzene	7.02	146	368206	42.994	ng	99
15) Benzyl Alcohol	6.99	79	316837	45.525	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	461201	42.586	ng	85
17) 2-Methylphenol	7.10	107	304696	44.769	ng	97
18) Hexachloroethane	7.35	117	143154	41.804	ng	94
19) n-Nitroso-di-n-propylamine	7.26	70	255294	44.923	ng	99
20) 3+4-Methylphenols	7.26	107	378301	46.971	ng	# 75
22) Acetophenone	7.25	105	505748	49.686	ng	99
24) Nitrobenzene	7.42	77	412193	47.477	ng	99
25) Isophorone	7.66	82	743107	48.333	ng	99
26) 2-Nitrophenol	7.74	139	200711	49.043	ng	98
27) 2,4-Dimethylphenol	7.78	122	332963	54.078	ng	100
28) bis(2-Chloroethoxy)methane	7.87	93	455332	47.781	ng	99
29) 2,4-Dichlorophenol	7.99	162	325555	50.077	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	341994	46.149	ng	99
31) Naphthalene	8.15	128	1065792	48.798	ng	100
32) Benzoic acid	7.91	122	128296	29.555	ng	97
33) 4-Chloroaniline	8.20	127	89950	9.217	ng	99
34) Hexachlorobutadiene	8.26	225	191267	44.809	ng	100
35) Caprolactam	8.56	113	52601	25.017	ng	98
36) 4-Chloro-3-methylphenol	8.69	107	342786	50.684	ng	99
37) 2-Methylnaphthalene	8.83	142	722277	50.214	ng	100
38) 1-Methylnaphthalene	8.93	142	680525	50.010	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	326235	48.648	ng	99

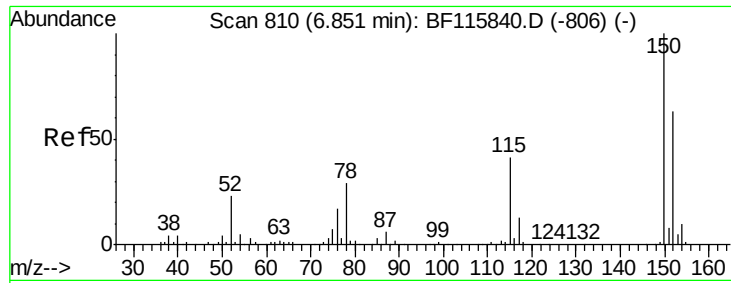
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\
 Data File : BF116025.D
 Acq On : 6 Aug 2019 20:42
 Operator : HP/JU
 Sample : K4129-15MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 07 01:18:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	160777	55.373	ng	100
43) 2,4,6-Trichlorophenol	9.12	196	214992	46.577	ng	98
44) 2,4,5-Trichlorophenol	9.16	196	233463	48.929	ng	97
46) 1,1'-Biphenyl	9.30	154	895358	50.558	ng	100
47) 2-Chloronaphthalene	9.33	162	698915	47.418	ng	99
48) 2-Nitroaniline	9.42	65	231065	47.428	ng	91
49) Acenaphthylene	9.74	152	1082707	50.350	ng	100
50) Dimethylphthalate	9.60	163	842936	49.353	ng	100
51) 2,6-Dinitrotoluene	9.66	165	189226	50.981	ng	91
52) Acenaphthene	9.91	154	647844	49.108	ng	99
53) 3-Nitroaniline	9.83	138	80166	17.480	ng	95
54) 2,4-Dinitrophenol	9.95	184	72443	42.439	ng	96
55) Dibenzofuran	10.09	168	967707	50.442	ng	99
56) 4-Nitrophenol	10.01	139	251855	85.724	ng	95
57) 2,4-Dinitrotoluene	10.07	165	248322	50.249	ng	95
58) Fluorene	10.43	166	757603	51.327	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.21	232	193607	48.230	ng	99
60) Diethylphthalate	10.30	149	806872	50.600	ng	99
61) 4-Chlorophenyl-phenylether	10.42	204	369915	49.485	ng	99
62) 4-Nitroaniline	10.45	138	205441	43.345	ng	99
63) Azobenzene	10.57	77	839751	51.200	ng	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	75452	32.493	ng	94
66) n-Nitrosodiphenylamine	10.53	169	686570	52.057	ng	100
67) 4-Bromophenyl-phenylether	10.90	248	231597	49.373	ng	98
68) Hexachlorobenzene	10.98	284	257282	47.433	ng	98
69) Atrazine	11.06	200	219550	50.600	ng	99
70) Pentachlorophenol	11.17	266	198113	75.231	ng	97
71) Phenanthrene	11.39	178	1131691	50.520	ng	100
72) Anthracene	11.45	178	1177555	51.942	ng	99
73) Carbazole	11.60	167	1088499	52.922	ng	99
74) Di-n-butylphthalate	11.92	149	1259005	52.473	ng	100
75) Fluoranthene	12.58	202	1188444	50.676	ng	99
77) Benzidine	12.70	184	262615	25.296	ng	96
78) Pyrene	12.81	202	1207757	52.139	ng	100
80) Butylbenzylphthalate	13.42	149	533918	54.490	ng	98
81) Benzo(a)anthracene	13.99	228	989837	50.396	ng	100
82) 3,3'-Dichlorobenzidine	13.95	252	168184	24.647	ng	99
83) Chrysene	14.03	228	969880	50.863	ng	100
84) Bis(2-ethylhexyl)phthalate	13.97	149	723243	56.800	ng	100
85) Di-n-octyl phthalate	14.58	149	1142296	56.480	ng	100
86) Indeno(1,2,3-cd)pyrene	16.94	276	1119011	69.871	ng	99
88) Benzo(b)fluoranthene	15.04	252	986598	48.602	ng	98
89) Benzo(k)fluoranthene	15.07	252	933144	47.195	ng	98
90) Benzo(a)pyrene	15.41	252	949629	52.332	ng	99
91) Dibenzo(a,h)anthracene	16.95	278	944348	60.121	ng	99
92) Benzo(g,h,i)perylene	17.38	276	941269	61.018	ng	100

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

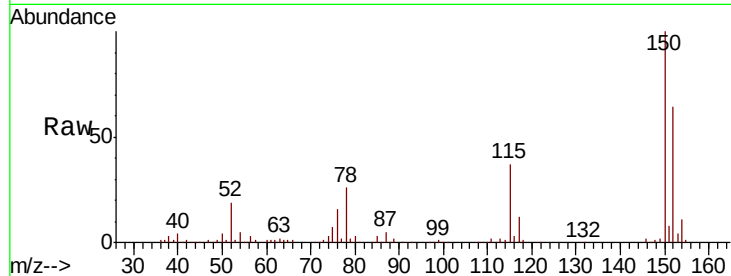


#1

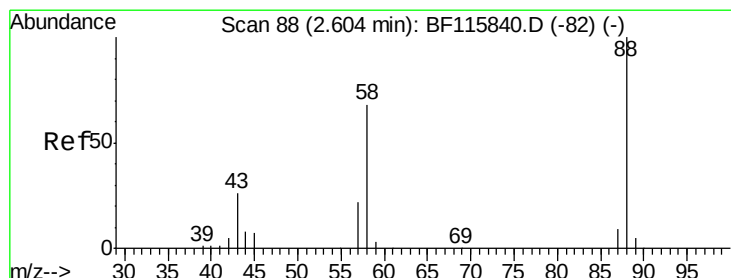
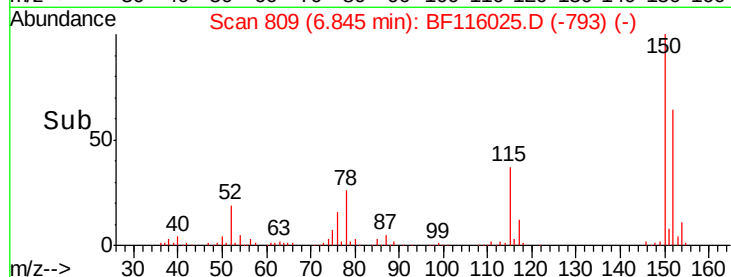
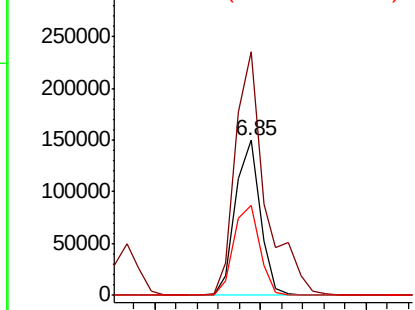
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116025.D
Acq: 6 Aug 2019 20:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	127.4	191.0
115	58.3	51.8	77.8



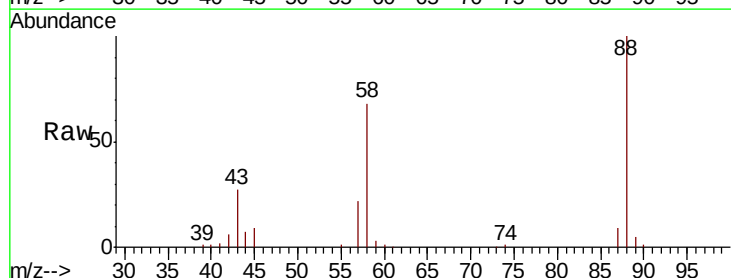
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



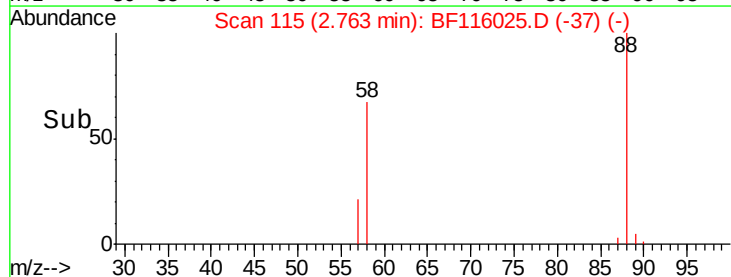
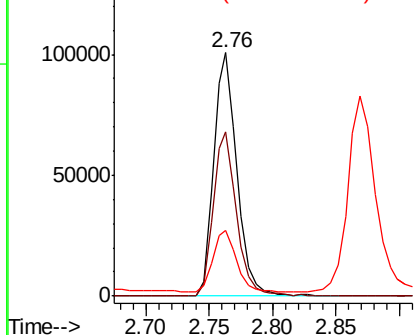
#2

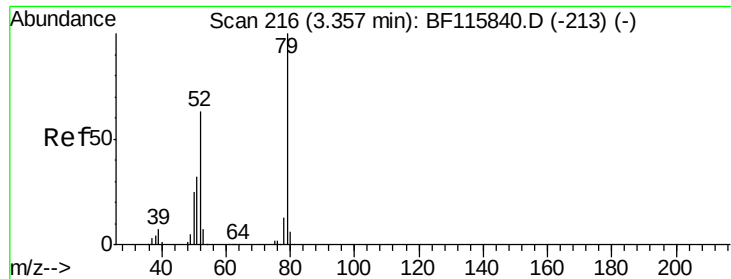
1,4-Dioxane
Concen: 35.226 ng
RT: 2.76 min Scan# 115
Delta R.T. 0.16 min
Lab File: BF116025.D
Acq: 6 Aug 2019 20:42

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.4	54.1	81.1
43	0.0	20.7	31.1#



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: 29.233 ng

RT: 3.49 min Scan# 238

Delta R.T. 0.13 min

Lab File: BF116025.D

Acq: 6 Aug 2019 20:42

Instrument :

BNA_F

ClientSampled :

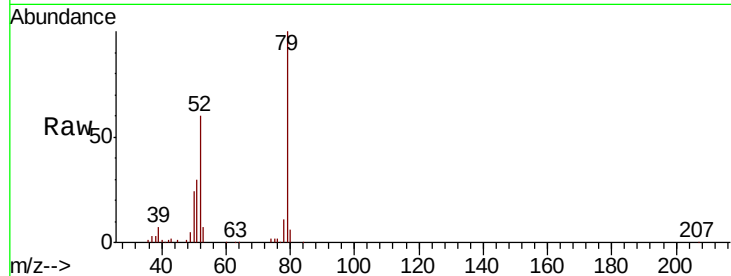
Tot Ion: 79 Resp: 299858

Ion Ratio Lower Upper

79 100

52 59.6 50.2 75.4

51 30.0 25.8 38.6



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

150000

100000

50000

0

3.49

3.40

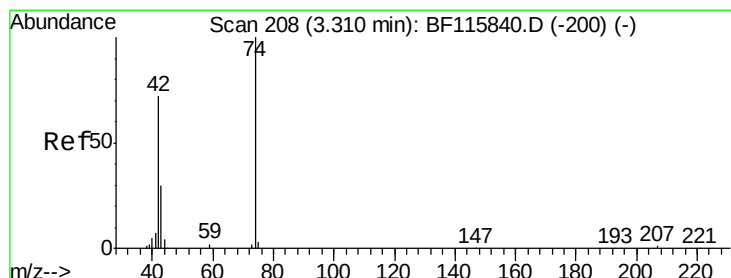
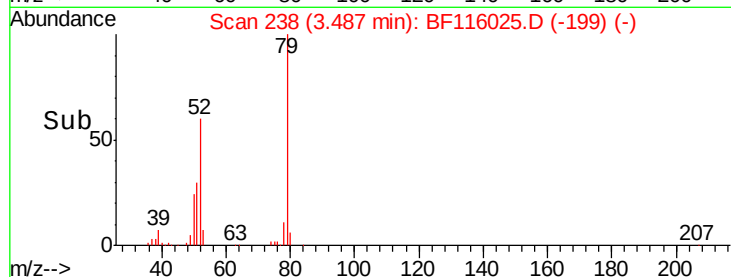
3.50

3.60

3.70

3.80

Time-->



#4

n-Nitrosodimethylamine

Concen: 40.907 ng

RT: 3.40 min Scan# 224

Delta R.T. 0.09 min

Lab File: BF116025.D

Acq: 6 Aug 2019 20:42

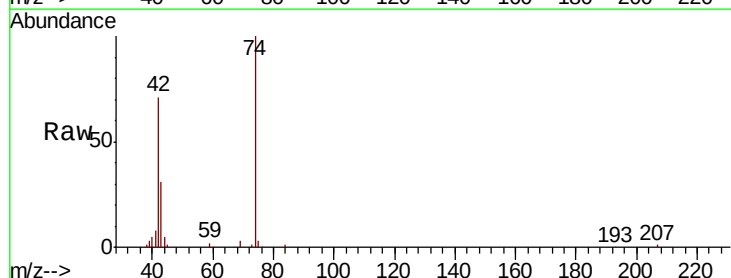
Tgt Ion: 42 Resp: 165591

Ion Ratio Lower Upper

42 100

74 141.6 111.0 166.4

44 6.6 4.7 7.1



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

150000

100000

50000

0

3.40

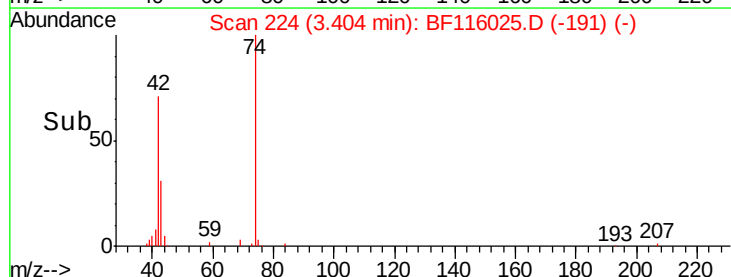
3.30

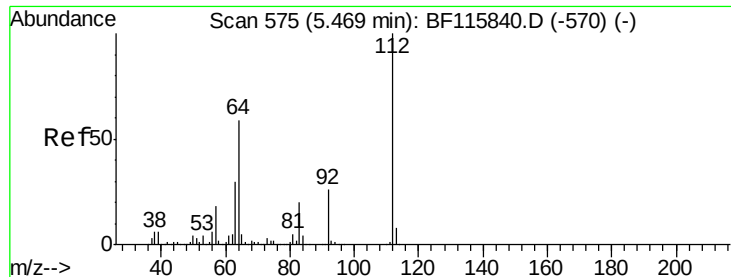
3.40

3.50

3.60

Time-->





#5

2-Fluorophenol

Concen: 123.704 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.01 min

Lab File: BF116025.D

Acq: 6 Aug 2019 20:42

Instrument :

BNA_F

ClientSampleId :

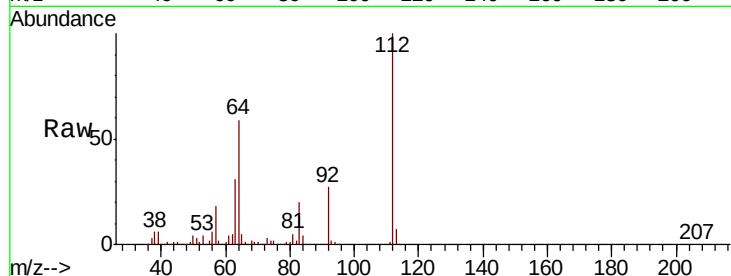
Tot Ion:112 Resp: 899162

Ion Ratio Lower Upper

112 100

64 59.4 46.8 70.2

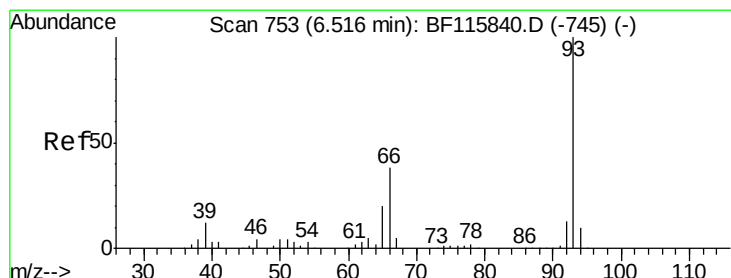
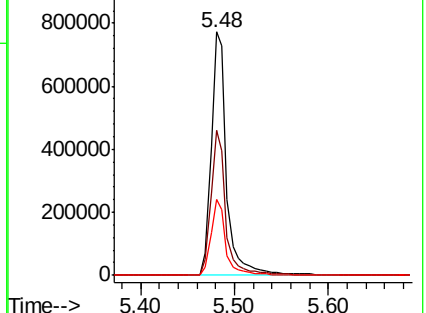
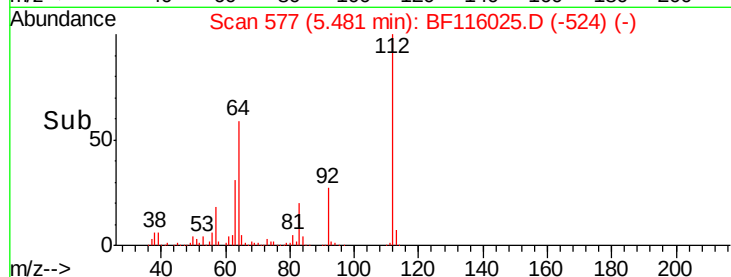
63 31.1 24.2 36.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 13.186 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF116025.D

Acq: 6 Aug 2019 20:42

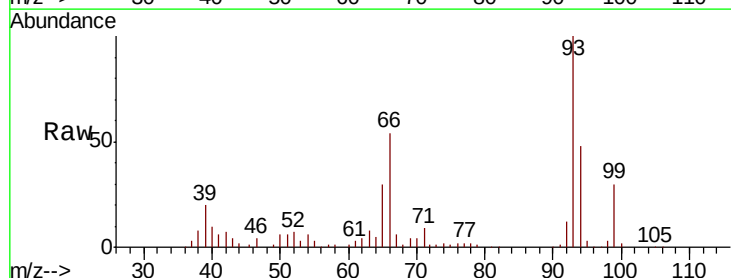
Tgt Ion: 93 Resp: 173185

Ion Ratio Lower Upper

93 100

66 53.6 31.4 47.0#

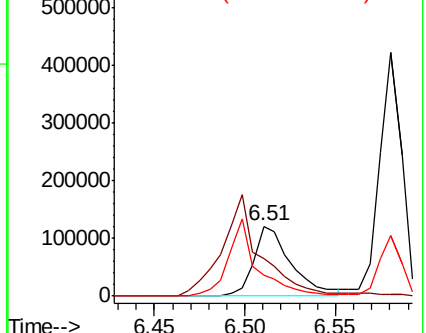
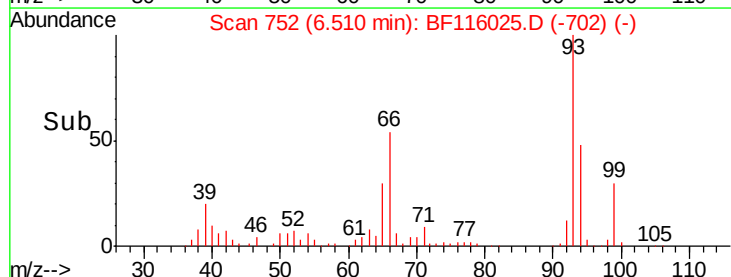
65 30.4 16.5 24.7#

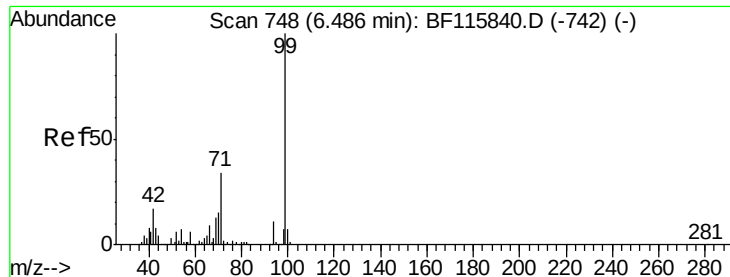


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 122.315 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF116025.D

Acq: 6 Aug 2019 20:42

Instrument :

BNA_F

ClientSampled :

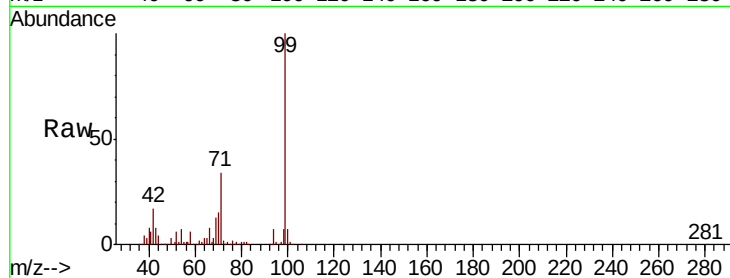
Tot Ion: 99 Resp: 1121719

Ion Ratio Lower Upper

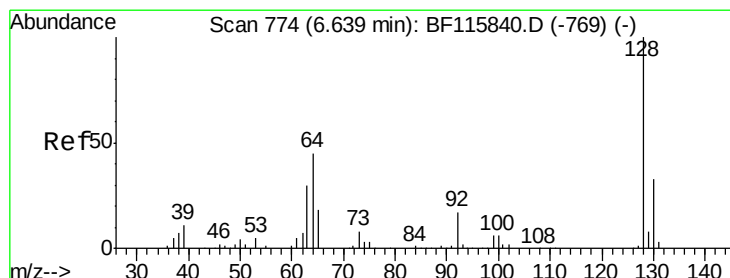
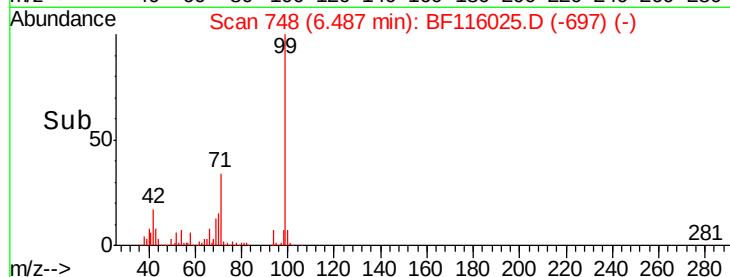
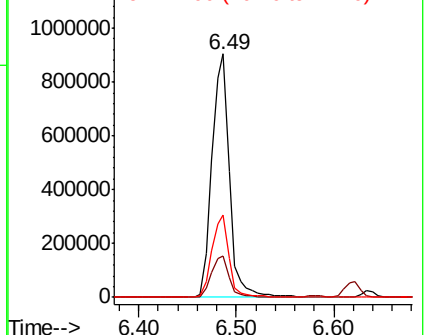
99 100

42 17.0 13.8 20.6

71 33.8 27.1 40.7



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: 44.593 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF116025.D

Acq: 6 Aug 2019 20:42

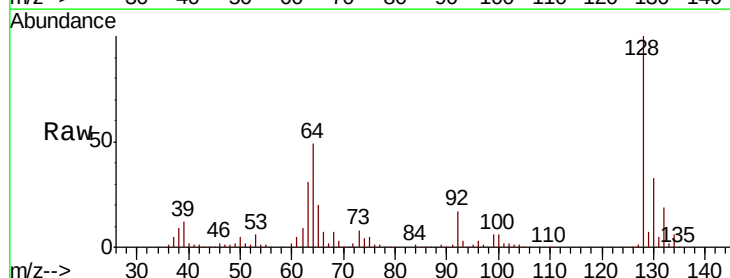
Tgt Ion: 128 Resp: 358422

Ion Ratio Lower Upper

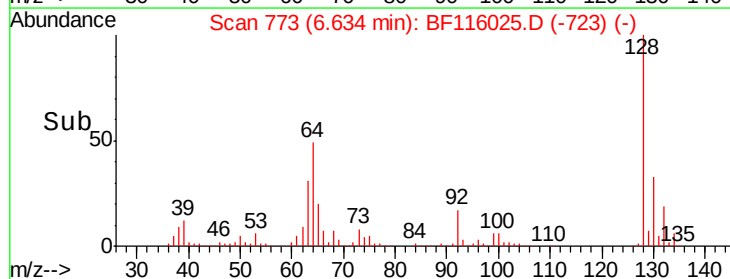
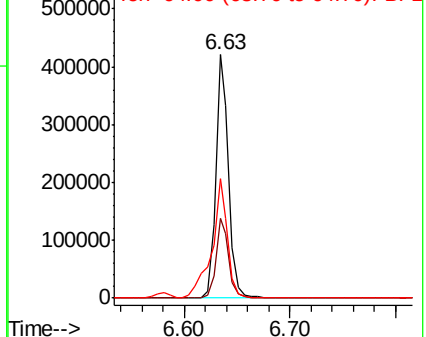
128 100

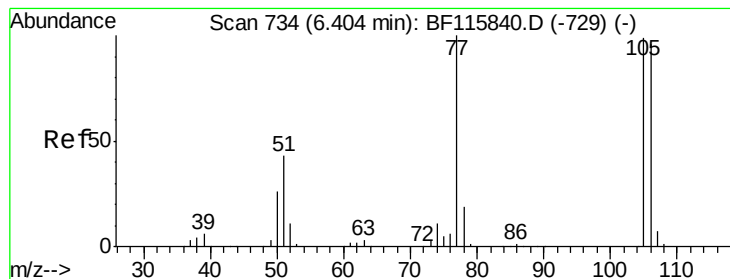
130 32.8 12.9 52.9

64 49.1 26.1 66.1



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: 24.276 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF116025.D

Acq: 6 Aug 2019 20:42

Instrument :

BNA_F

ClientSampleId :

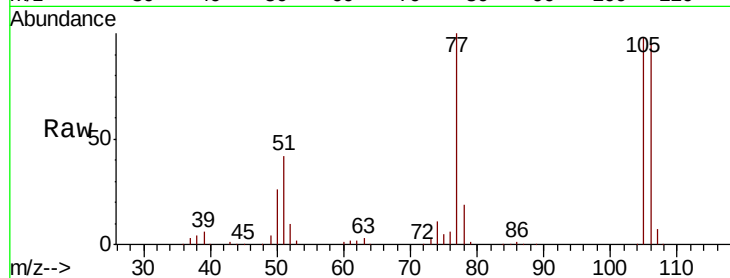
Tot Ion: 77 Resp: 153610

Ion Ratio Lower Upper

77 100

105 98.2 79.0 119.0

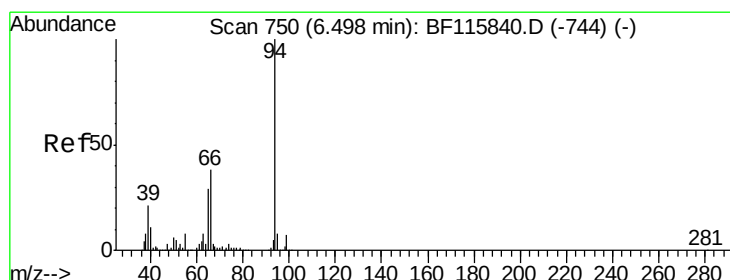
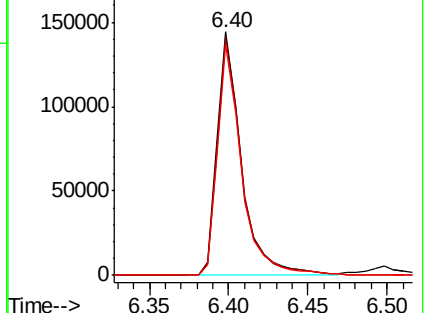
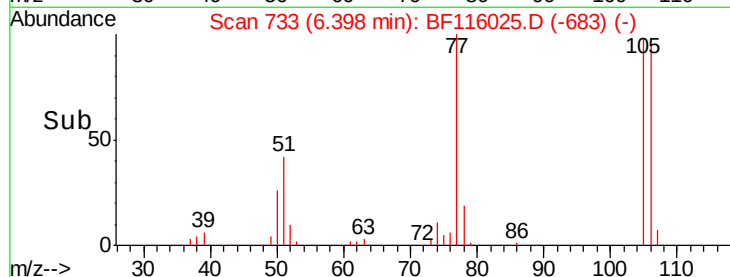
106 94.6 76.2 116.2



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 37.597 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF116025.D

Acq: 6 Aug 2019 20:42

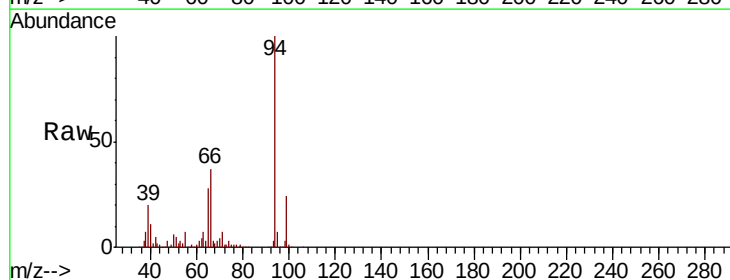
Tgt Ion: 94 Resp: 406022

Ion Ratio Lower Upper

94 100

65 27.9 8.9 48.9

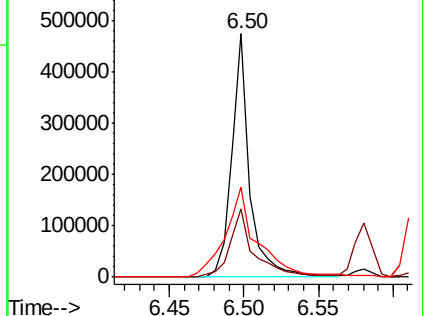
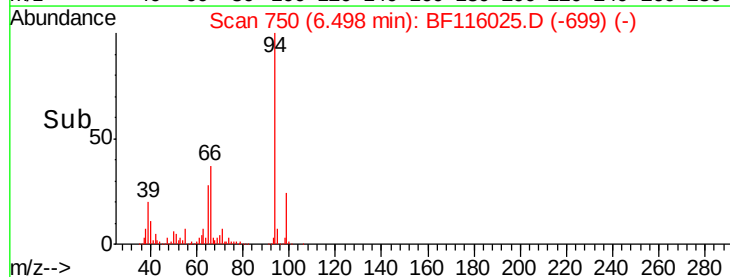
66 37.0 18.0 58.0

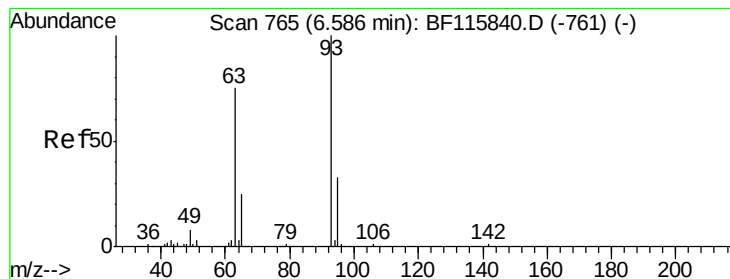


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 45.222 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF116025.D

Acq: 6 Aug 2019 20:42

Instrument :

BNA_F

ClientSampleId :

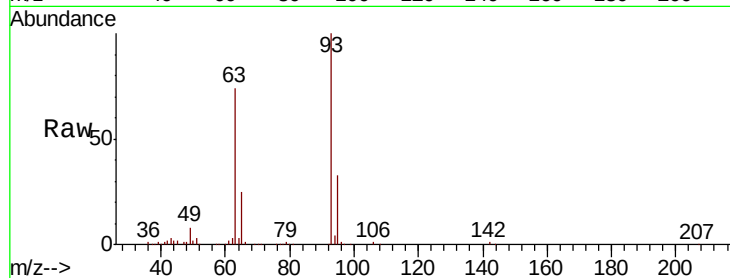
Tot Ion: 93 Resp: 359058

Ion Ratio Lower Upper

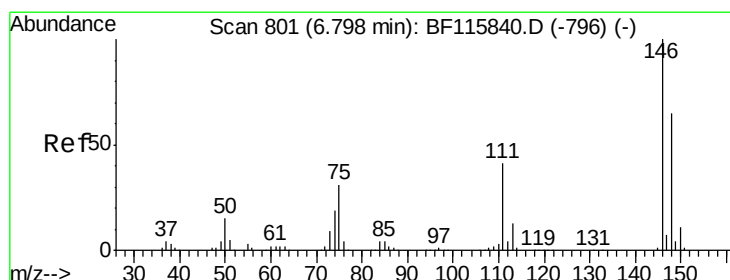
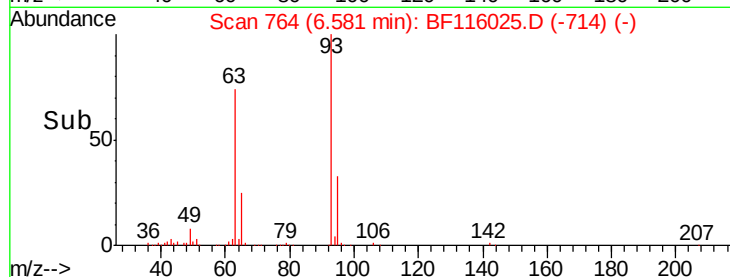
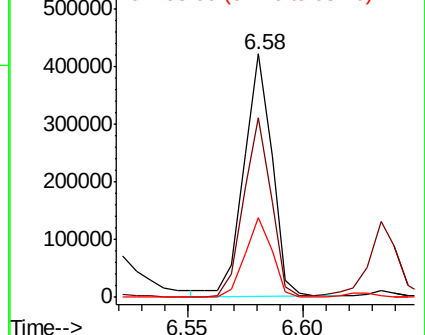
93 100

63 73.6 54.9 94.9

95 33.0 13.3 53.3



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: 41.836 ng

RT: 6.79 min Scan# 799

Delta R.T. -0.01 min

Lab File: BF116025.D

Acq: 6 Aug 2019 20:42

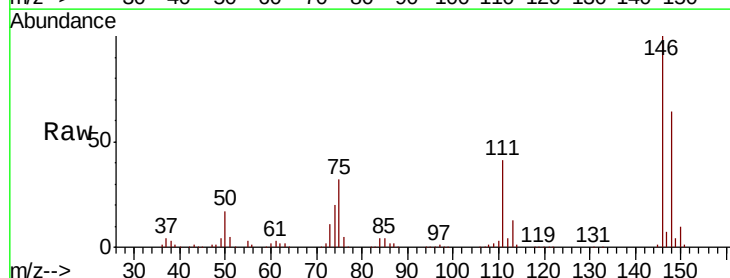
Tgt Ion: 146 Resp: 388622

Ion Ratio Lower Upper

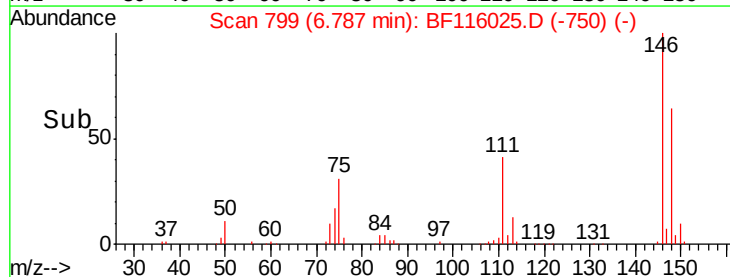
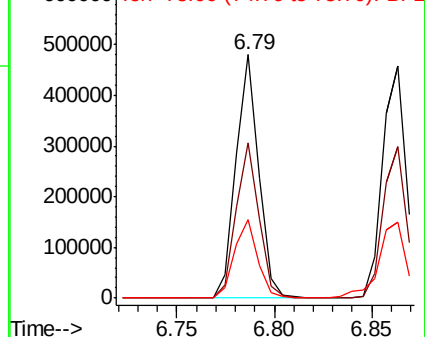
146 100

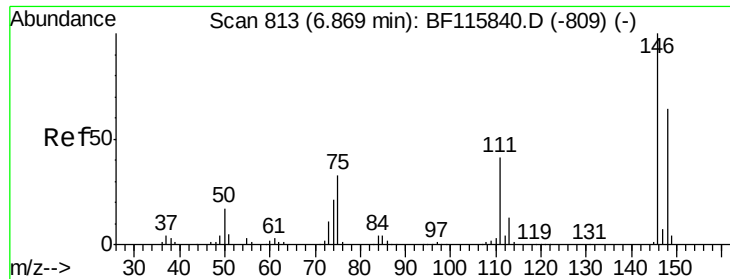
148 63.9 52.1 78.1

75 32.3 25.0 37.6



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

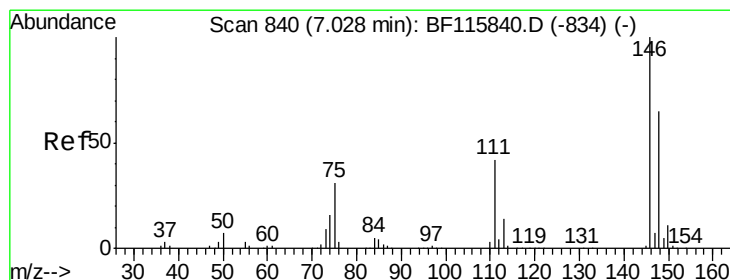
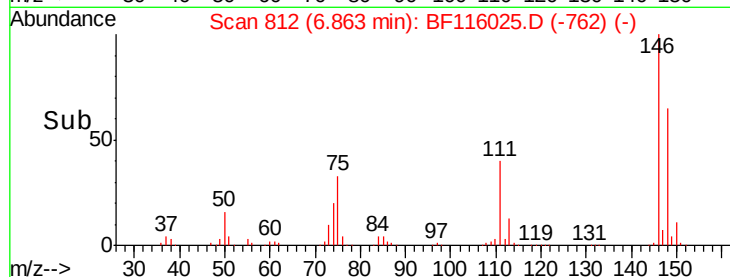
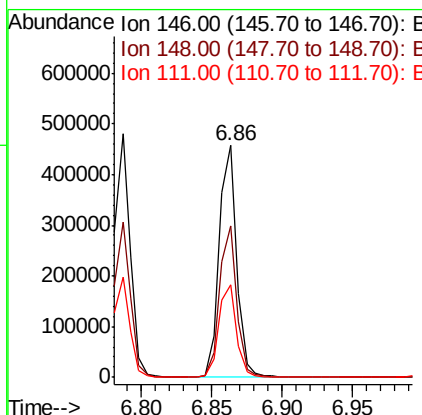
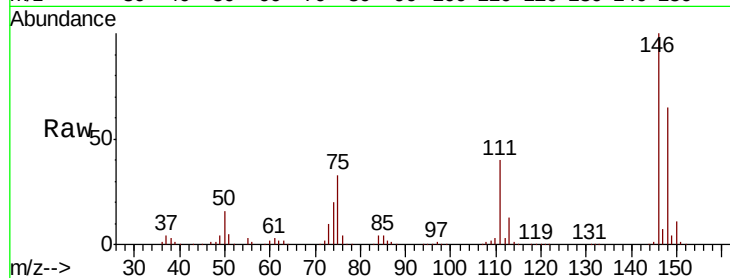




#13
 1,4-Dichlorobenzene
 Concen: 42.462 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF116025.D
 Acq: 6 Aug 2019 20:42

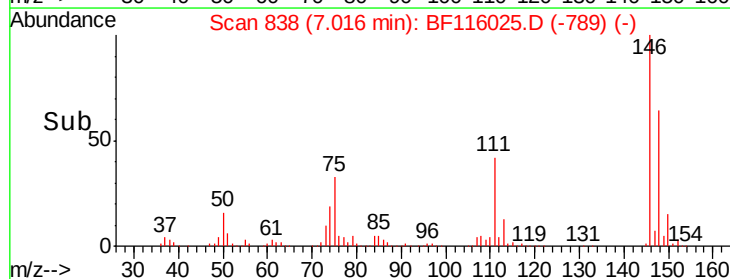
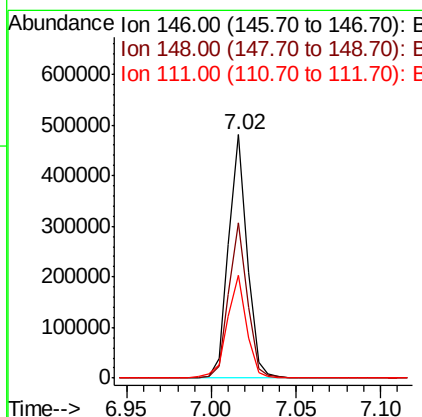
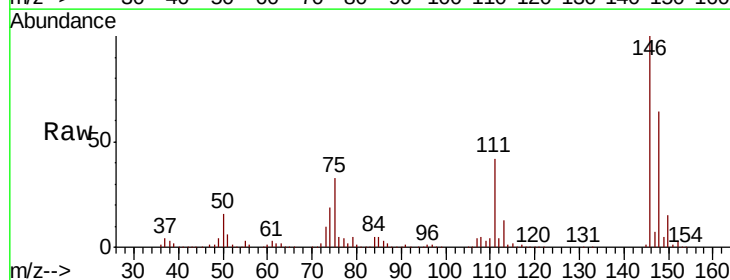
Instrument :
 BNA_F
 ClientSampleId :

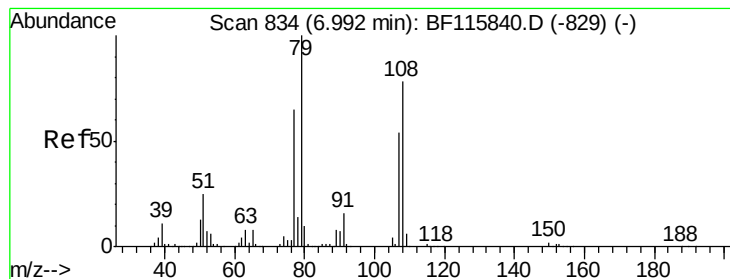
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.2	76.8
111	40.1	33.2	49.8



#14
 1,2-Dichlorobenzene
 Concen: 42.994 ng
 RT: 7.02 min Scan# 838
 Delta R.T. -0.01 min
 Lab File: BF116025.D
 Acq: 6 Aug 2019 20:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.6	77.4
111	42.4	33.6	50.4





#15

Benzyl Alcohol

Concen: 45.525 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF116025.D

Acq: 6 Aug 2019 20:42

Instrument :

BNA_F

ClientSampleId :

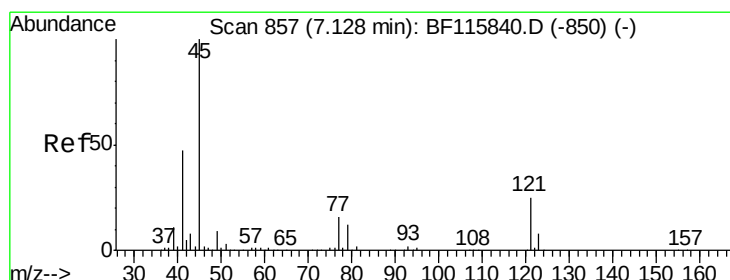
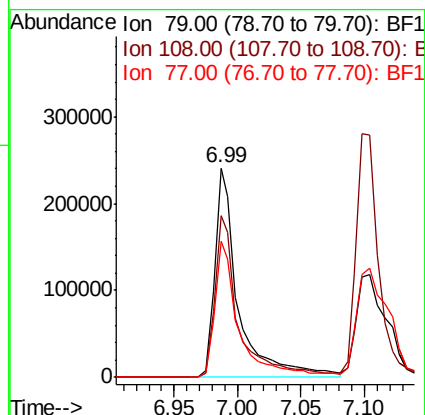
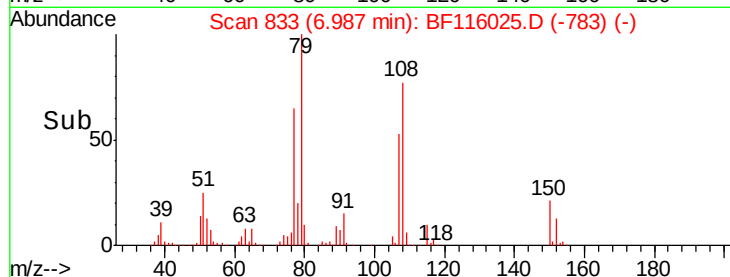
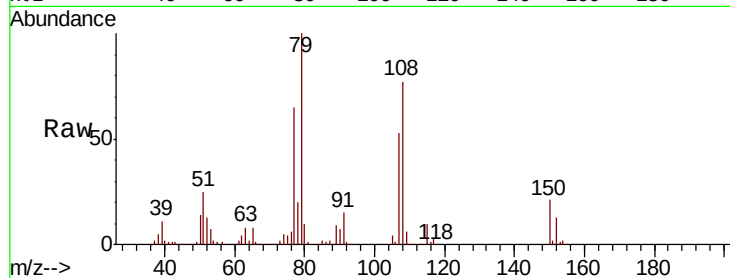
Tot Ion: 79 Resp: 316837

Ion Ratio Lower Upper

79 100

108 77.3 62.8 94.2

77 64.9 52.0 78.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.586 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF116025.D

Acq: 6 Aug 2019 20:42

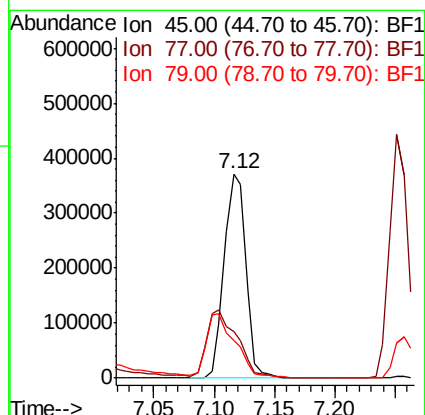
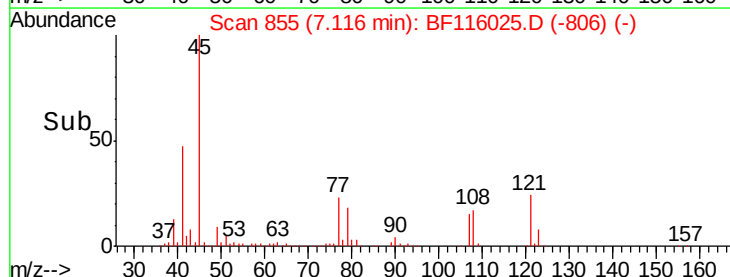
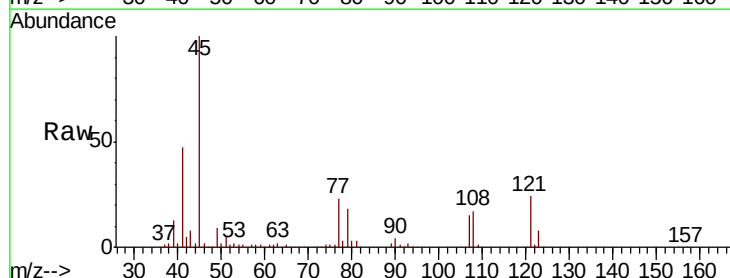
Tgt Ion: 45 Resp: 461201

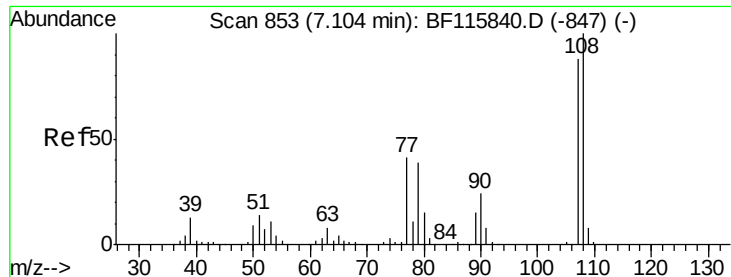
Ion Ratio Lower Upper

45 100

77 22.6 0.0 36.3

79 18.3 0.0 32.5





#17

2-Methylphenol

Concen: 44.769 ng

RT: 7.10 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF116025.D

Acq: 6 Aug 2019 20:42

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 304696

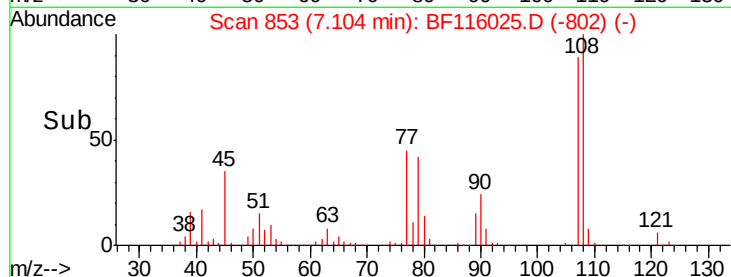
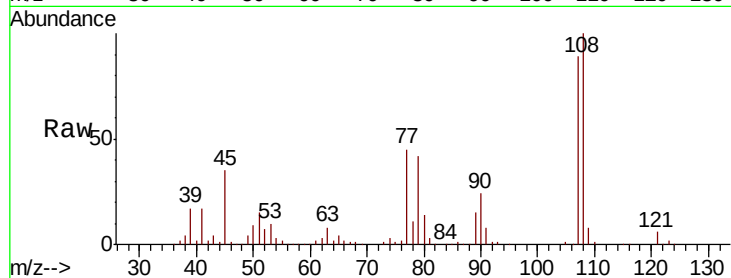
Ion Ratio Lower Upper

107 100

108 112.8 91.4 137.0

77 50.5 37.6 56.4

79 47.6 36.2 54.4



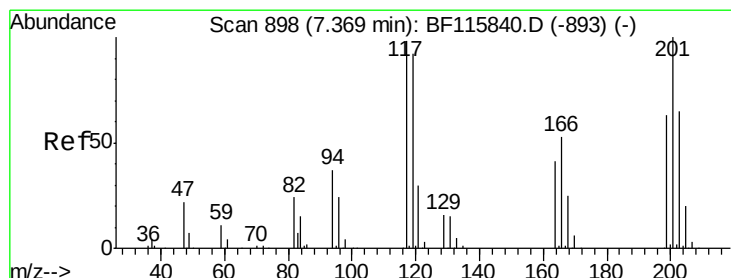
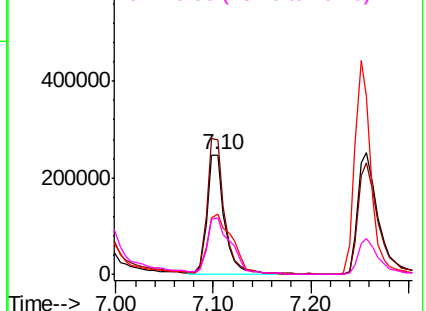
Abundance

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: 41.804 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.02 min

Lab File: BF116025.D

Acq: 6 Aug 2019 20:42

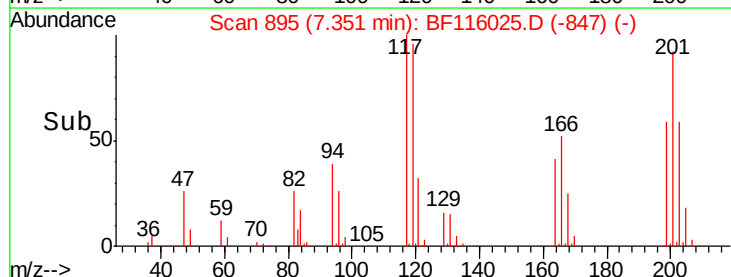
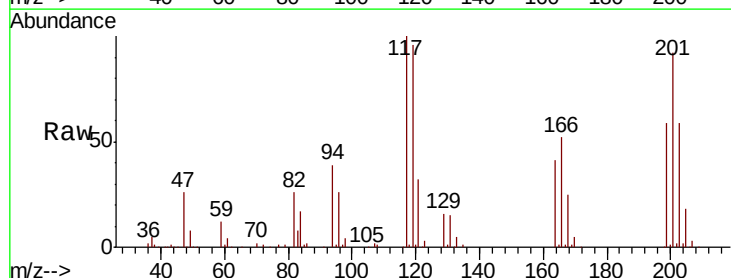
Tgt Ion:117 Resp: 143154

Ion Ratio Lower Upper

117 100

119 96.1 75.8 113.6

201 91.6 82.0 123.0

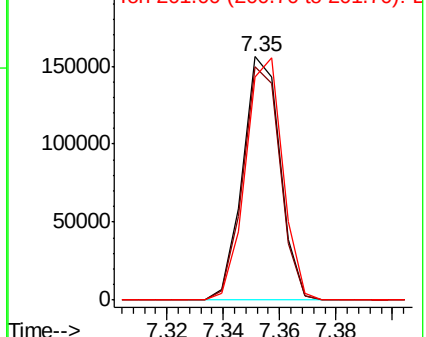


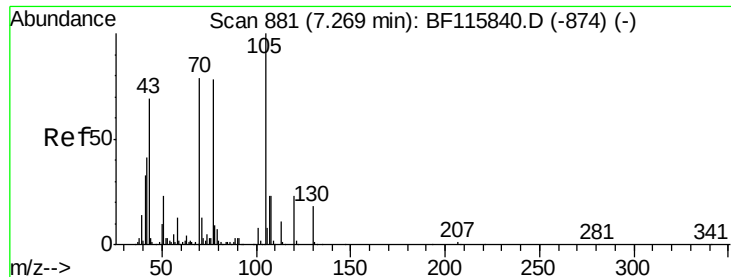
Abundance

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

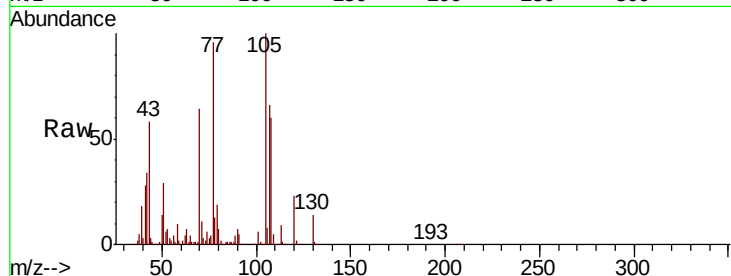




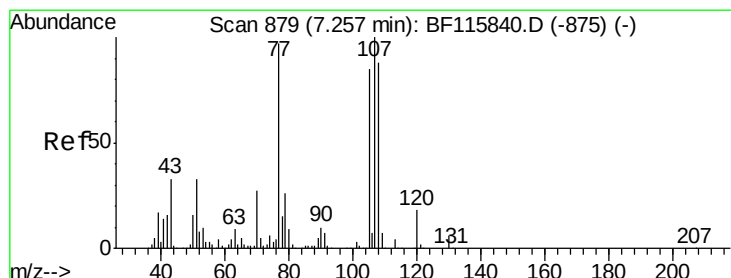
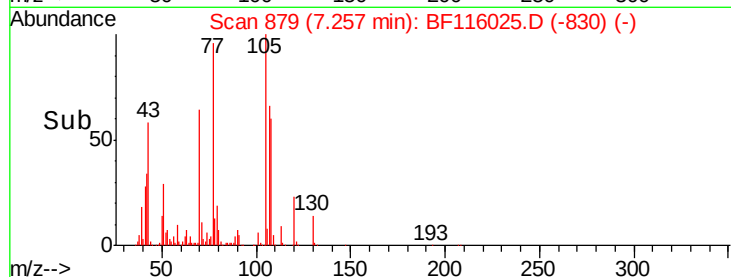
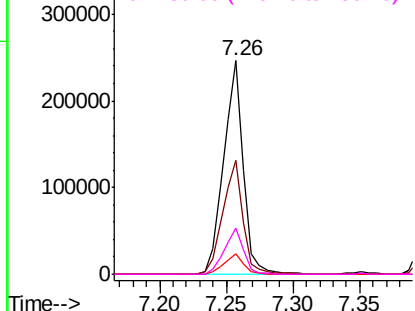
#19
n-Nitroso-di-n-propylamine
Concen: 44.923 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF116025.D
Acq: 6 Aug 2019 20:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 255294
Ion Ratio Lower Upper
70 100
42 53.5 41.8 62.8
101 9.4 7.7 11.5
130 21.9 17.8 26.6

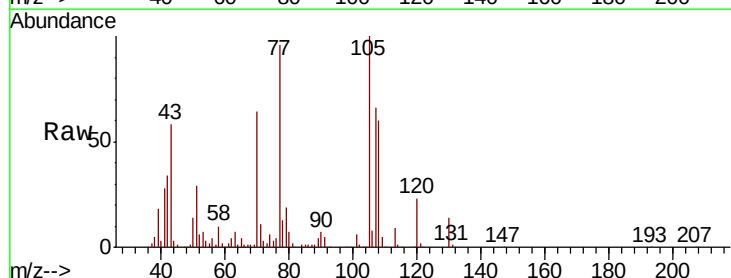


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

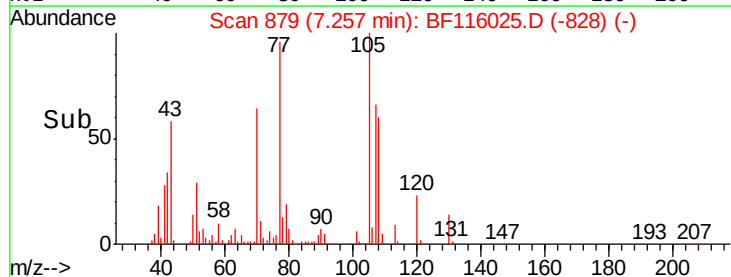
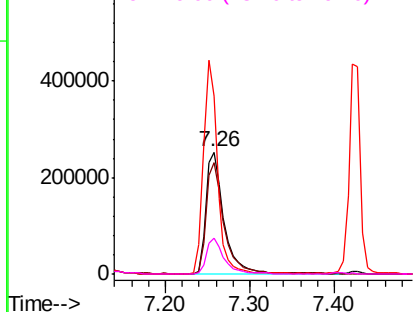


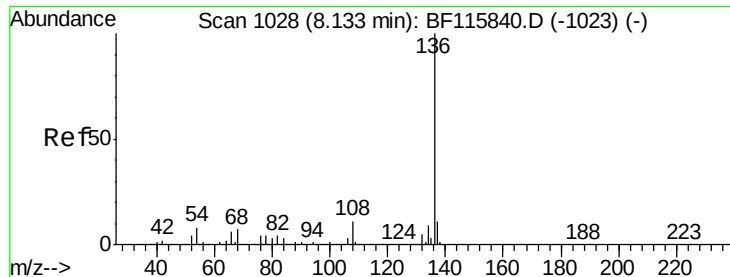
#20
3+4-Methylphenols
Concen: 46.971 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF116025.D
Acq: 6 Aug 2019 20:42

Tgt Ion:107 Resp: 378301
Ion Ratio Lower Upper
107 100
108 91.2 67.9 107.9
77 145.5 77.3 117.3#
79 29.5 6.6 46.6



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

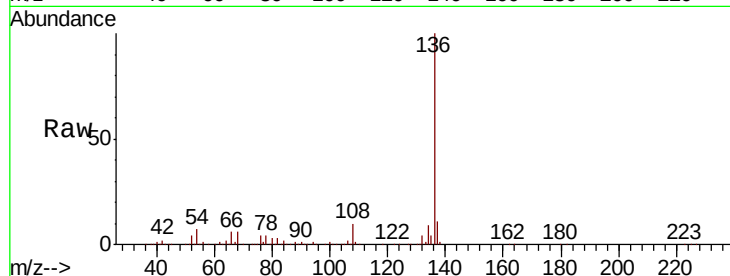




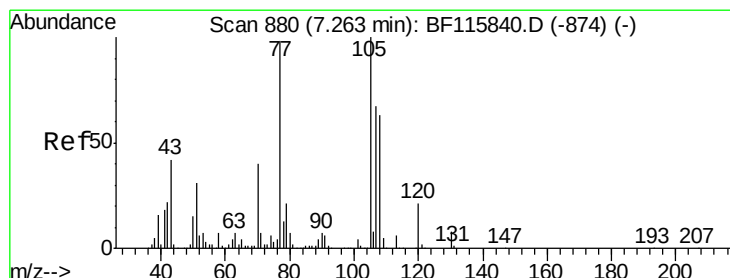
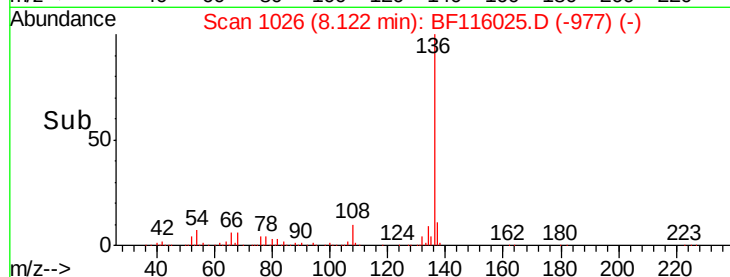
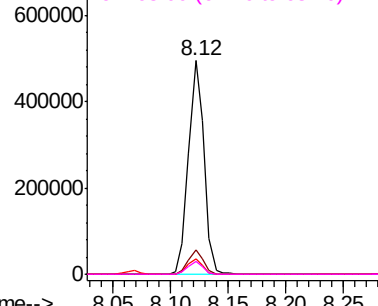
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF116025.D
Acq: 6 Aug 2019 20:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	464127
Ion Ratio	Lower	Upper
136 100		
137 11.1	9.1	13.7
54 7.2	6.1	9.1
68 6.3	5.4	8.2

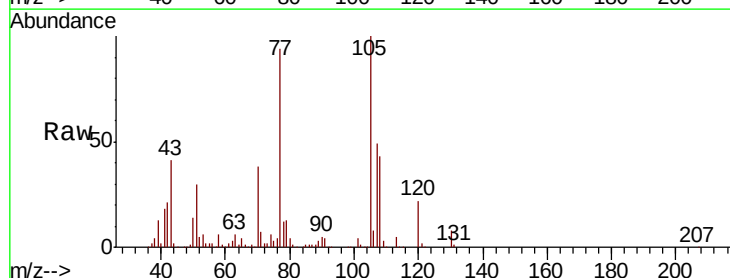


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

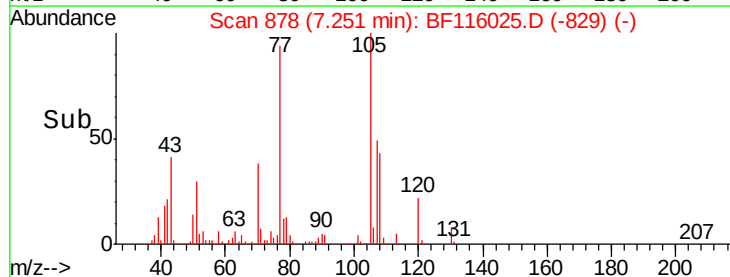
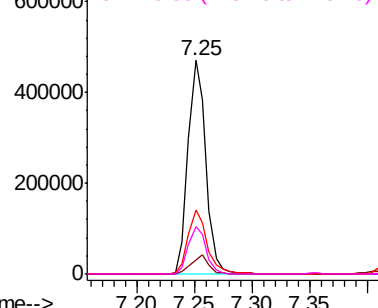


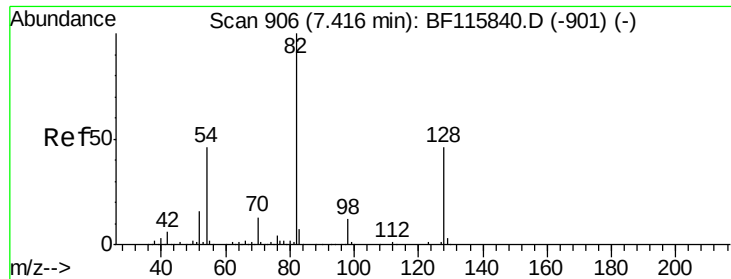
#22
Acetophenone
Concen: 49.686 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF116025.D
Acq: 6 Aug 2019 20:42

Tgt Ion:105	Resp:	505748	
Ion Ratio	Lower	Upper	
105 100			
71 6.6	5.4	8.0	
51 30.0	24.6	36.8	
120 22.0	17.0	25.6	



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

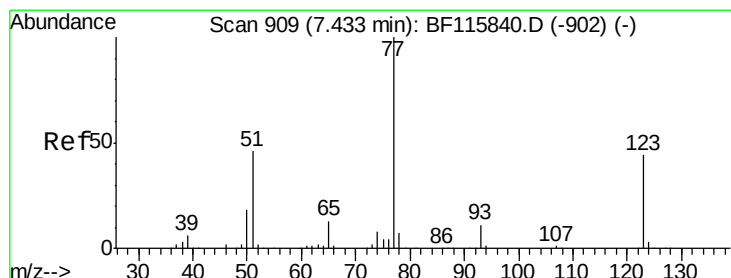
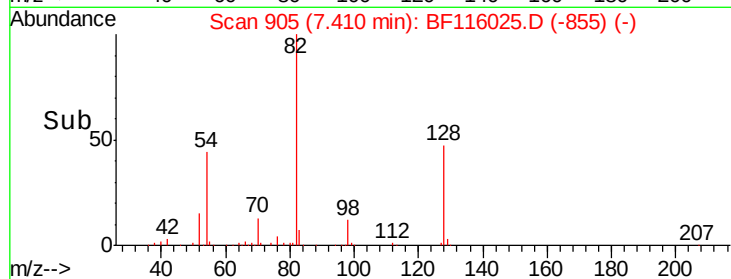
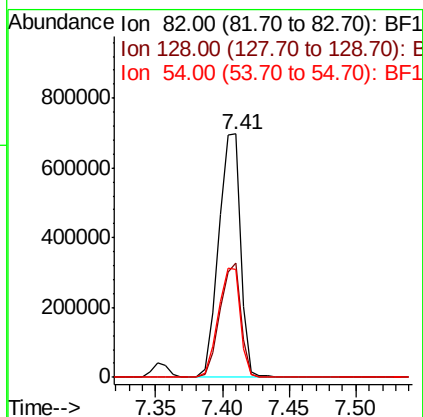
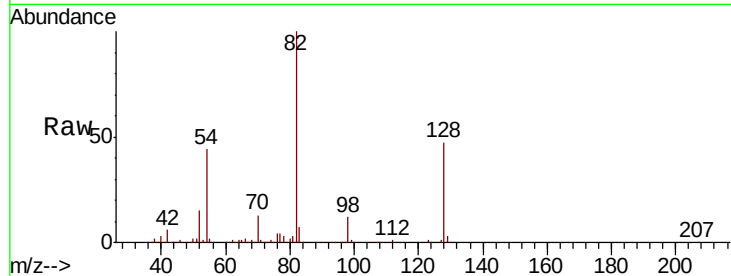




#23
 Nitrobenzene-d5
 Concen: 101.386 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF116025.D
 Acq: 6 Aug 2019 20:42

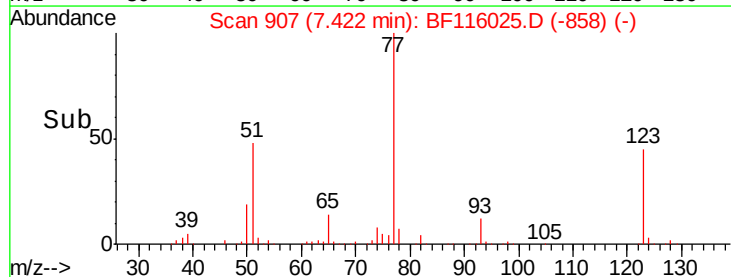
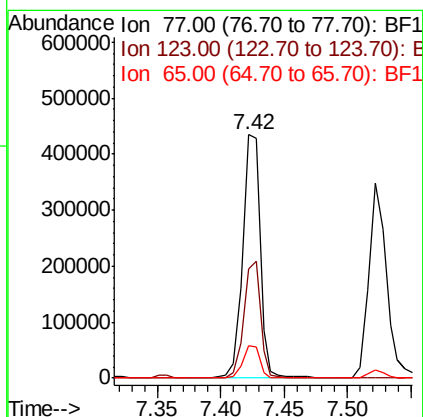
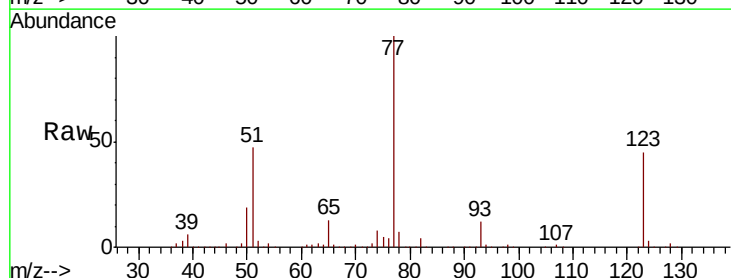
Instrument :
 BNA_F
 ClientSampled :

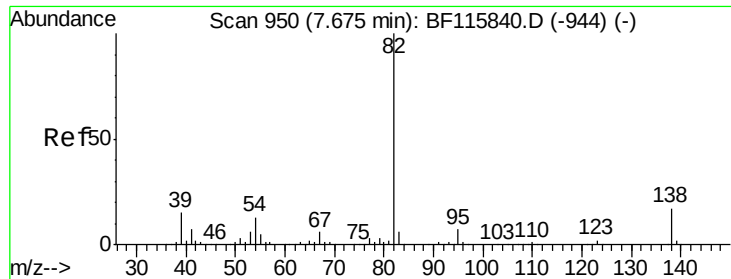
Tot Ion	82	Resp	815198
Ion Ratio	100	Lower	Upper
128	46.9	36.6	55.0
54	44.3	36.6	55.0



#24
 Nitrobenzene
 Concen: 47.477 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF116025.D
 Acq: 6 Aug 2019 20:42

Tgt Ion	77	Resp	412193
Ion Ratio	100	Lower	Upper
123	45.0	35.5	53.3
65	13.4	10.6	15.8





#25

Isophorone

Concen: 48.333 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF116025.D

Acq: 6 Aug 2019 20:42

Instrument :

BNA_F

ClientSampleId :

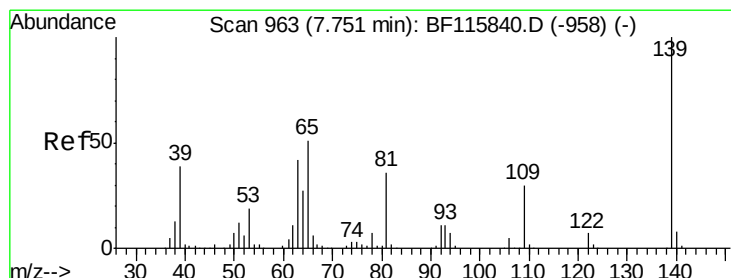
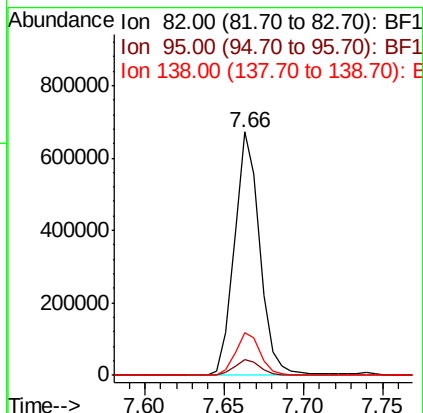
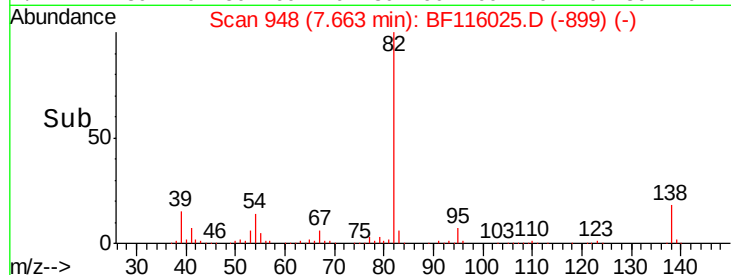
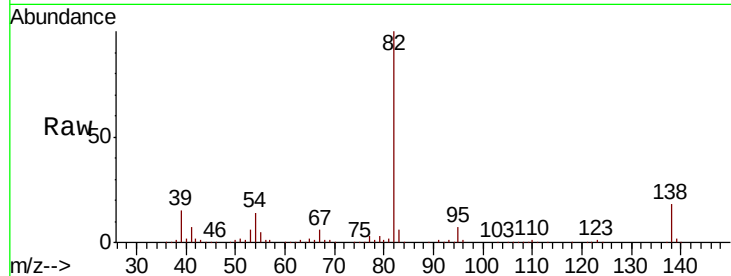
Tot Ion: 82 Resp: 743107

Ion Ratio Lower Upper

82 100

95 6.7 5.5 8.3

138 17.7 13.9 20.9



#26

2-Nitrophenol

Concen: 49.043 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF116025.D

Acq: 6 Aug 2019 20:42

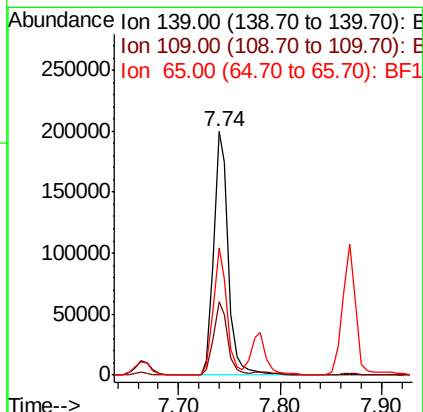
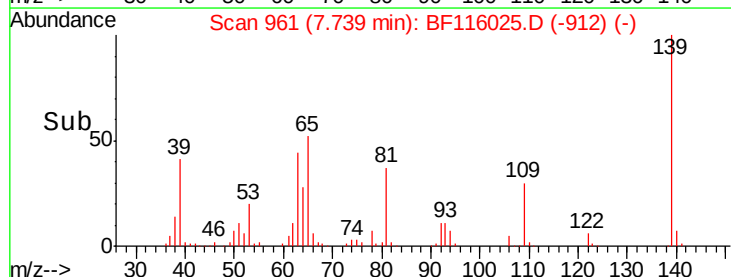
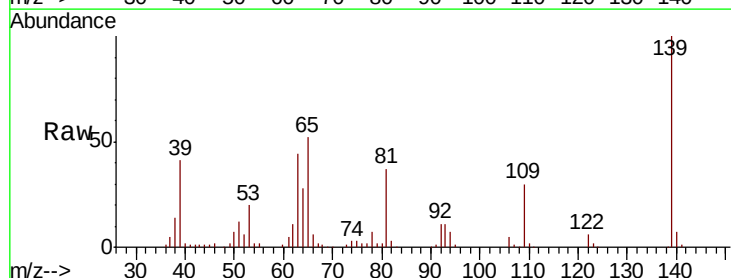
Tgt Ion: 139 Resp: 200711

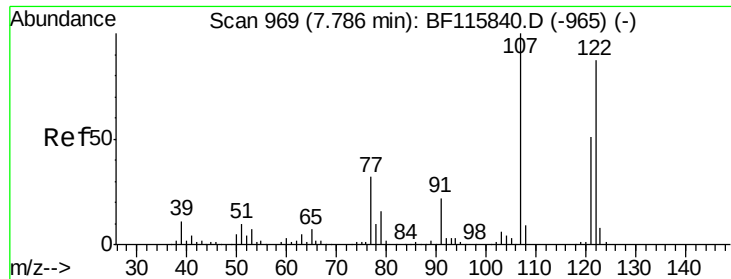
Ion Ratio Lower Upper

139 100

109 30.4 23.6 35.4

65 52.3 40.6 60.8

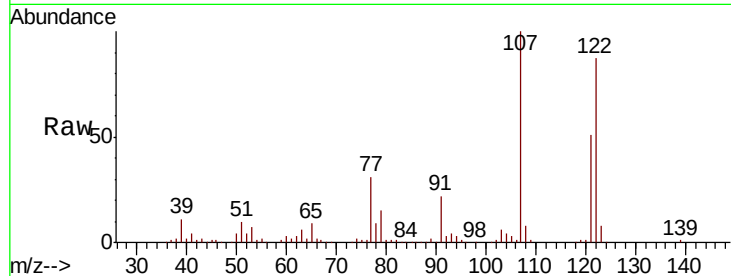




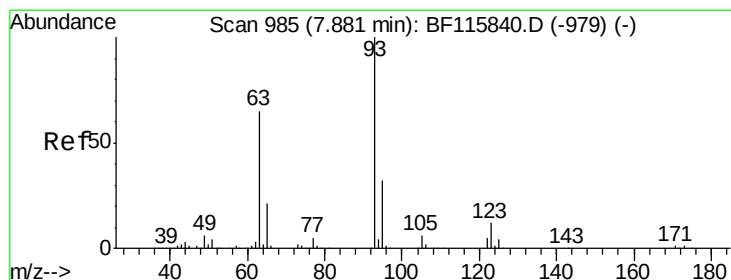
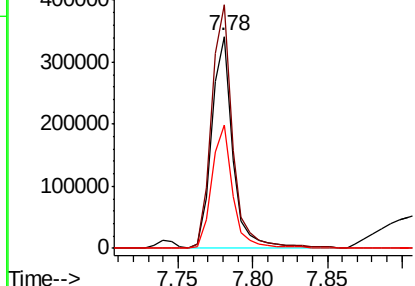
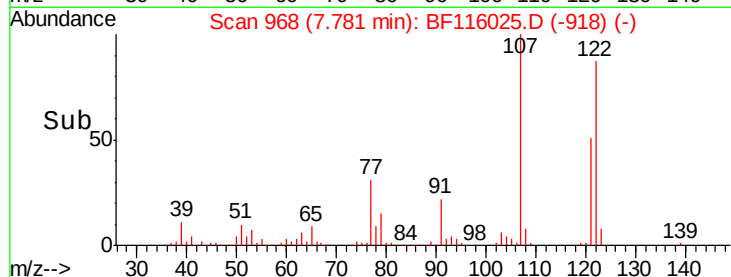
#27
 2,4-Dimethylphenol
 Concen: 54.078 ng
 RT: 7.78 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BF116025.D
 Acq: 6 Aug 2019 20:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 332963
 Ion Ratio Lower Upper
 122 100
 107 114.9 91.7 137.5
 121 58.2 46.6 70.0

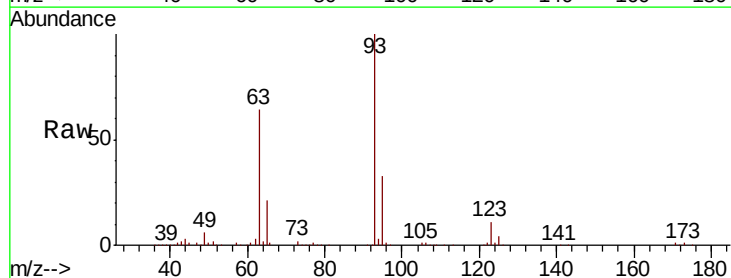


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

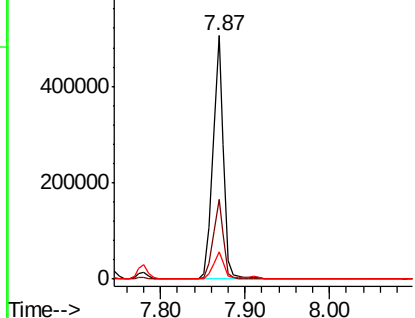
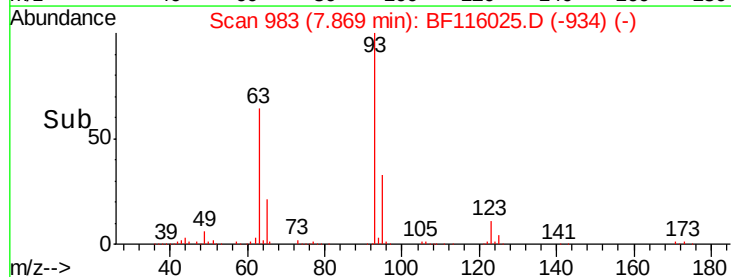


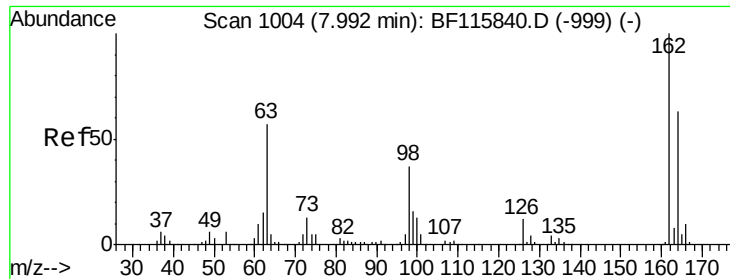
#28
 bis(2-Chloroethoxy)methane
 Concen: 47.781 ng
 RT: 7.87 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: BF116025.D
 Acq: 6 Aug 2019 20:42

Tgt Ion: 93 Resp: 455332
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.0 39.0
 123 11.1 9.5 14.3



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

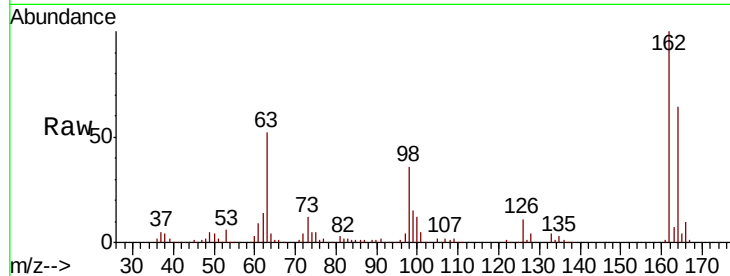




#29
2,4-Dichlorophenol
Concen: 50.077 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF116025.D
Acq: 6 Aug 2019 20:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	43.2	83.2
98	35.7	17.3	57.3

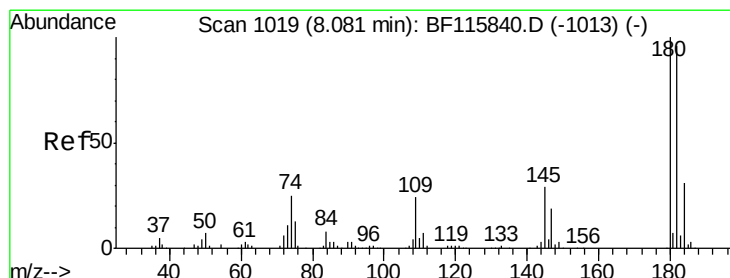
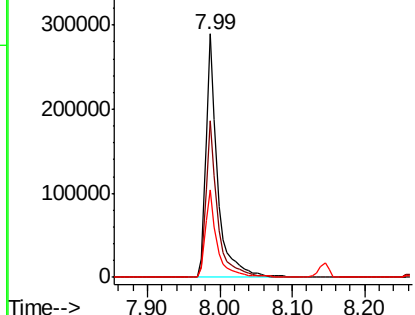
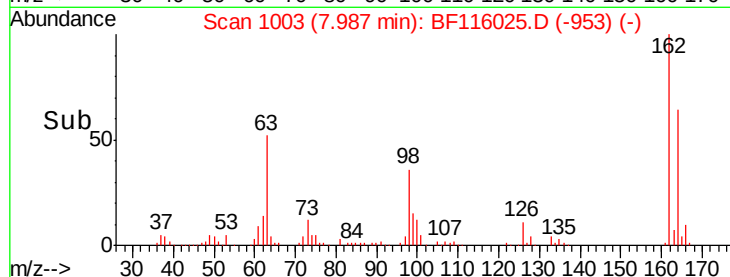


Abundance

Ion 162.00 (161.70 to 162.70): E

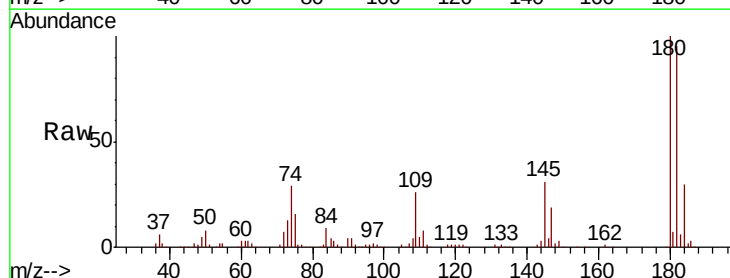
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 46.149 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.02 min
Lab File: BF116025.D
Acq: 6 Aug 2019 20:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.6	114.8
145	31.0	23.2	34.8

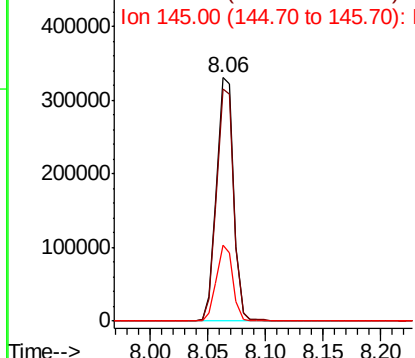
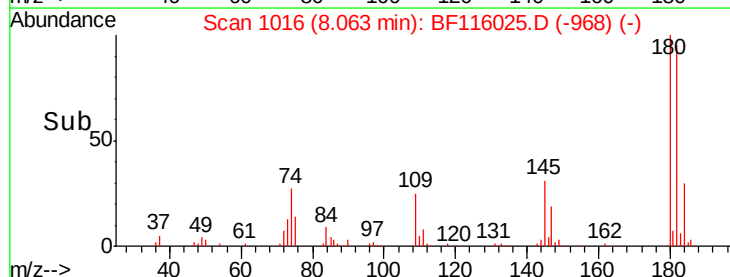


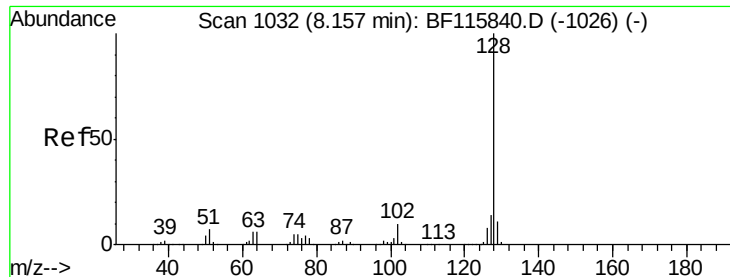
Abundance

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

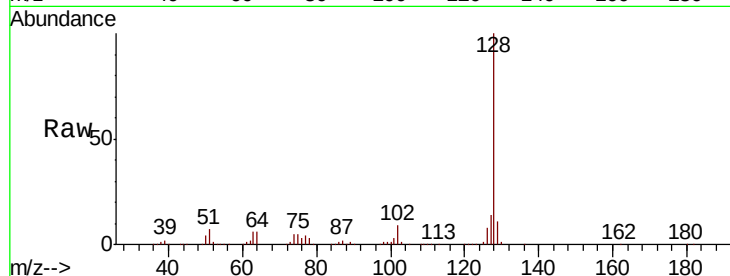




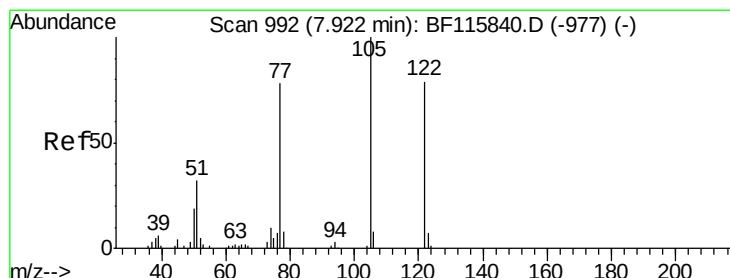
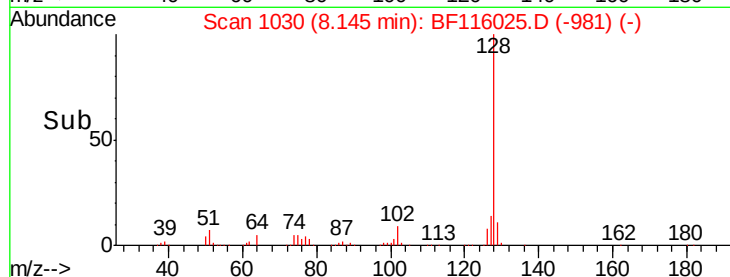
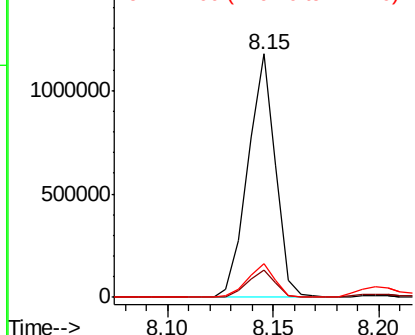
#31
Naphthalene
Concen: 48.798 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF116025.D
Acq: 6 Aug 2019 20:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1065792
Ion Ratio Lower Upper
128 100
129 11.2 9.2 13.8
127 13.6 11.0 16.4

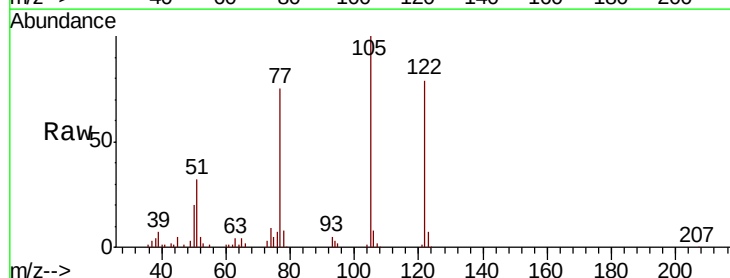


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

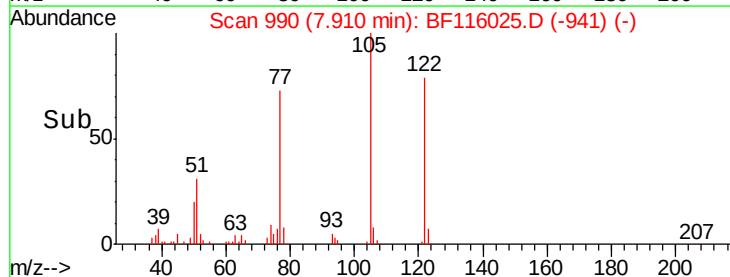
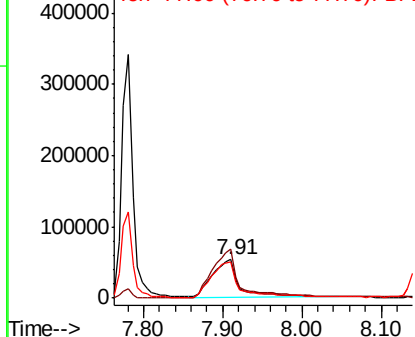


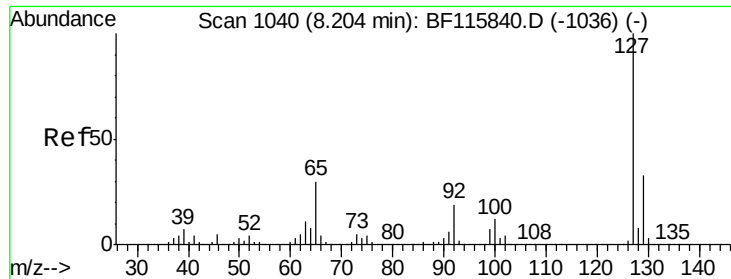
#32
Benzoic acid
Concen: 29.555 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF116025.D
Acq: 6 Aug 2019 20:42

Tgt Ion:122 Resp: 128296
Ion Ratio Lower Upper
122 100
105 125.8 103.1 143.1
77 94.0 76.8 116.8



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

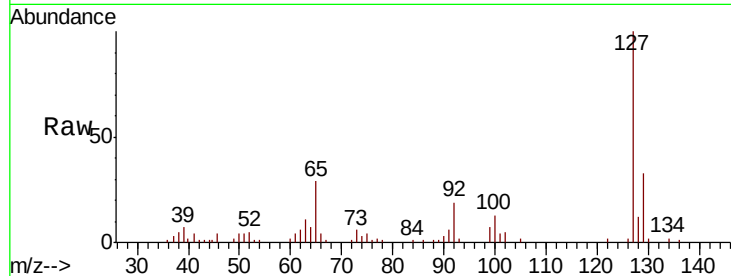




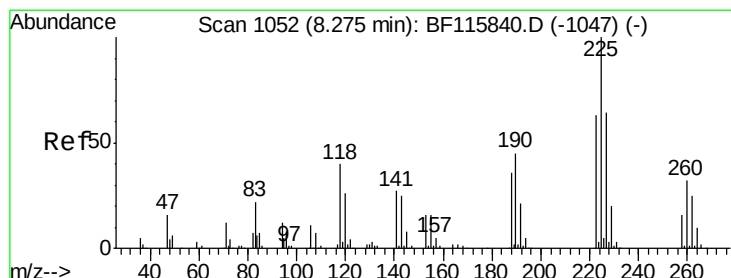
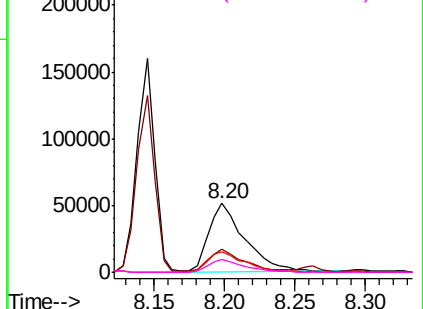
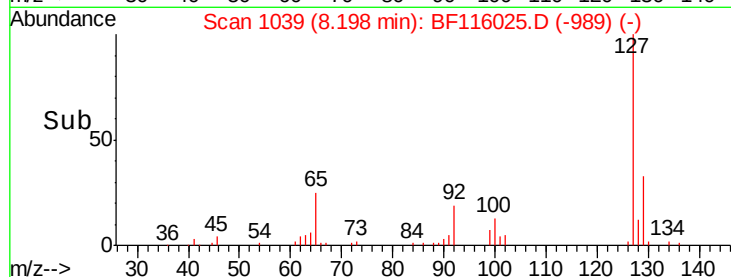
#33
4-Chloroaniline
Concen: 9.217 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF116025.D
Acq: 6 Aug 2019 20:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	89950
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.0	39.0
65	29.5	23.9	35.9
92	18.9	14.9	22.3

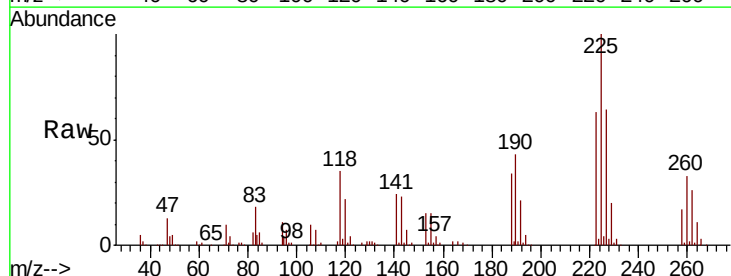


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

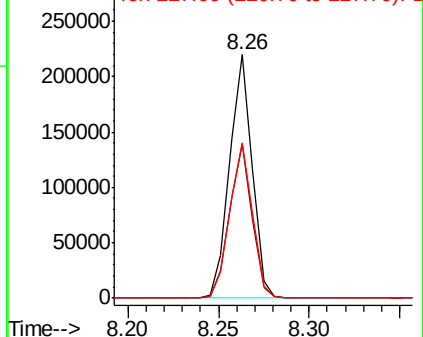
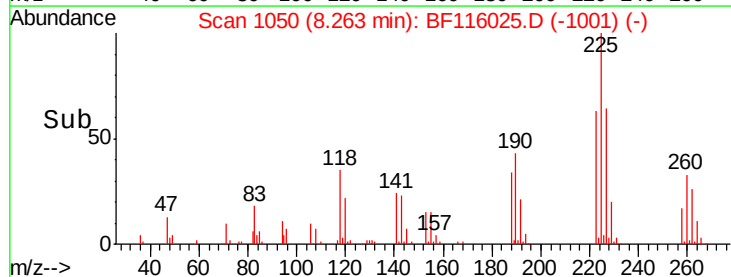


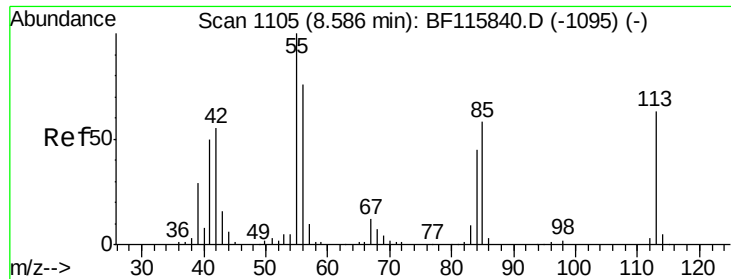
#34
Hexachlorobutadiene
Concen: 44.809 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF116025.D
Acq: 6 Aug 2019 20:42

Tgt Ion:	225	Resp:	191267
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.4	75.6
227	64.0	51.6	77.4



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

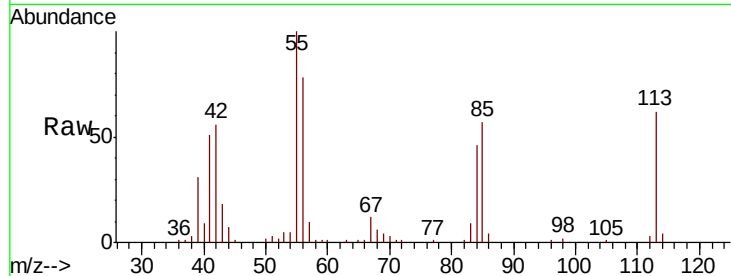




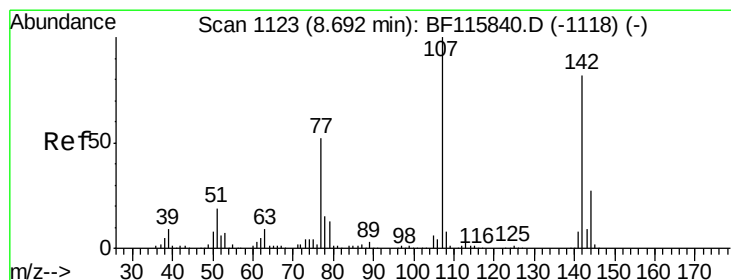
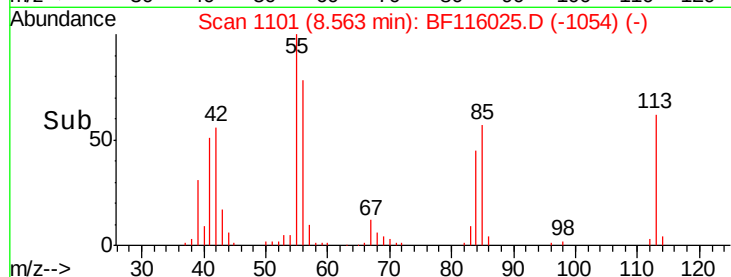
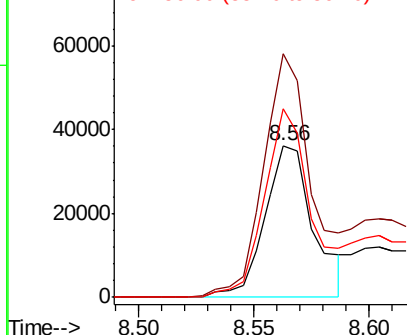
#35
 Caprolactam
 Concen: 25.017 ng
 RT: 8.56 min Scan# 1101
 Delta R.T. -0.02 min
 Lab File: BF116025.D
 Acq: 6 Aug 2019 20:42

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:113 Resp: 52601
 Ion Ratio Lower Upper
 113 100
 55 160.3 138.1 178.1
 56 124.6 100.6 140.6

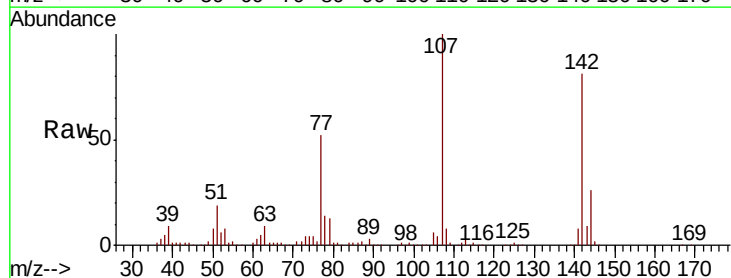


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

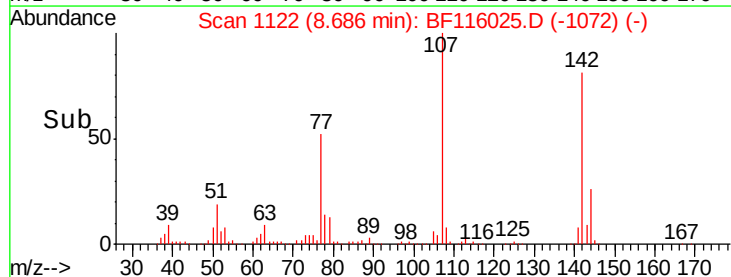
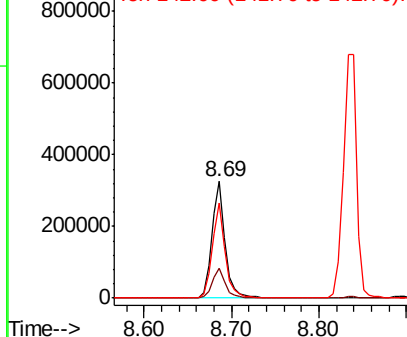


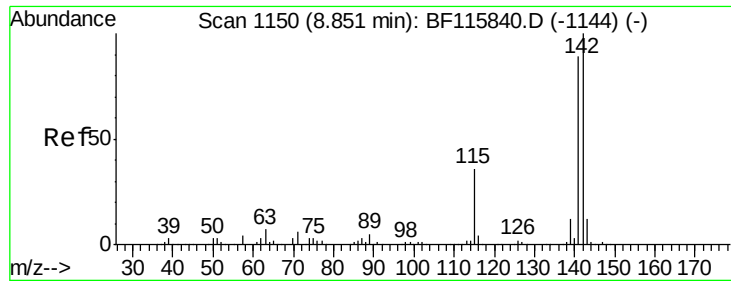
#36
 4-Chloro-3-methylphenol
 Concen: 50.684 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BF116025.D
 Acq: 6 Aug 2019 20:42

Tgt Ion:107 Resp: 342786
 Ion Ratio Lower Upper
 107 100
 144 25.6 21.4 32.0
 142 81.0 65.5 98.3



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

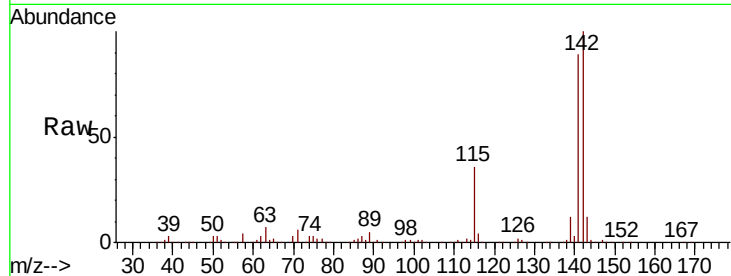




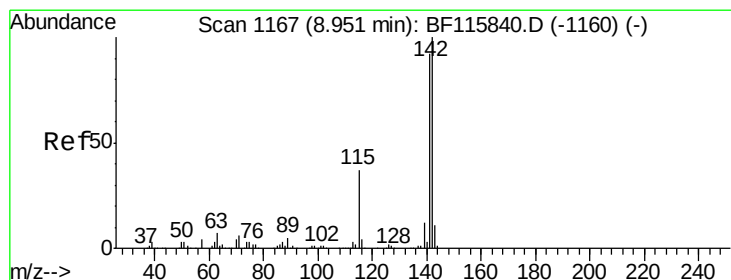
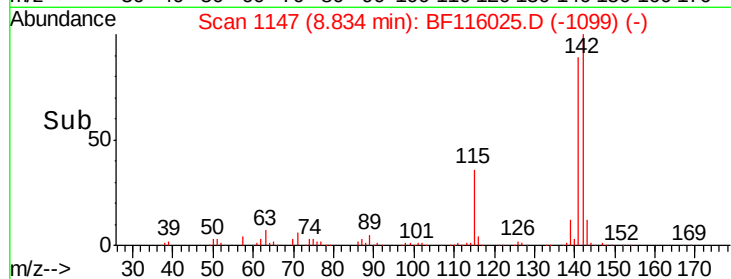
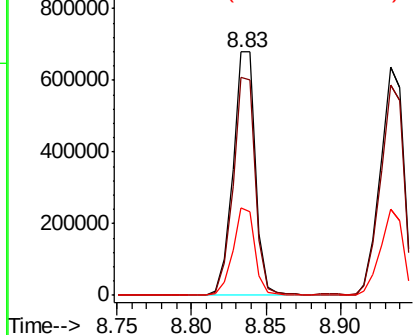
#37
2-Methylnaphthalene
Concen: 50.214 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.02 min
Lab File: BF116025.D
Acq: 6 Aug 2019 20:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 722277
Ion Ratio Lower Upper
142 100
141 89.3 71.4 107.2
115 36.0 28.9 43.3

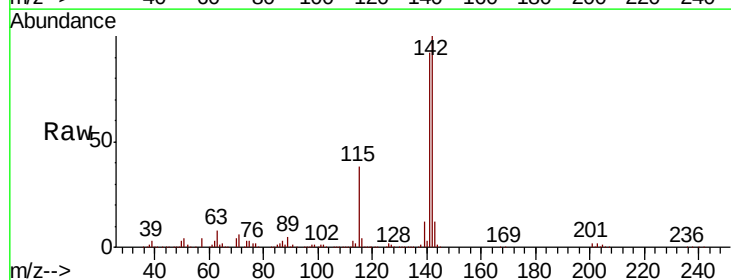


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

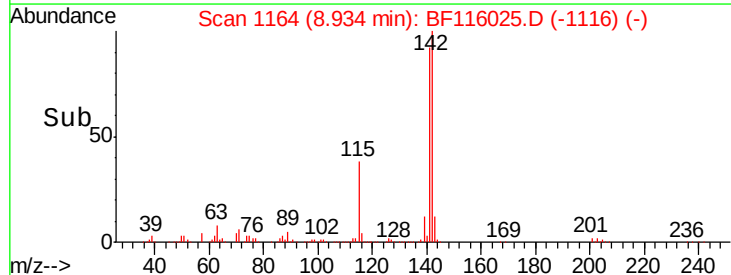
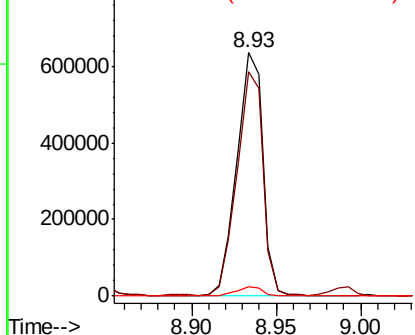


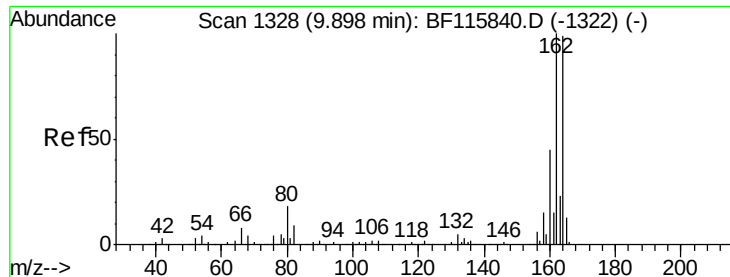
#38
1-Methylnaphthalene
Concen: 50.010 ng
RT: 8.93 min Scan# 1164
Delta R.T. -0.02 min
Lab File: BF116025.D
Acq: 6 Aug 2019 20:42

Tgt Ion:142 Resp: 680525
Ion Ratio Lower Upper
142 100
141 92.3 73.8 110.6
116 4.0 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

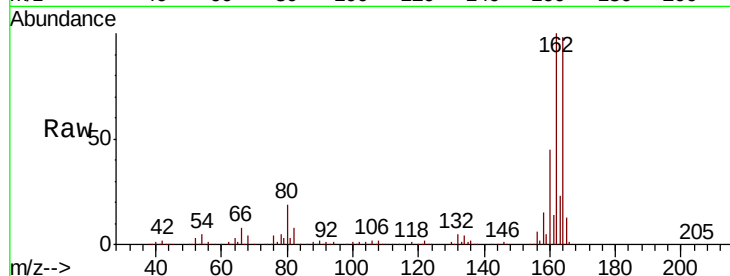




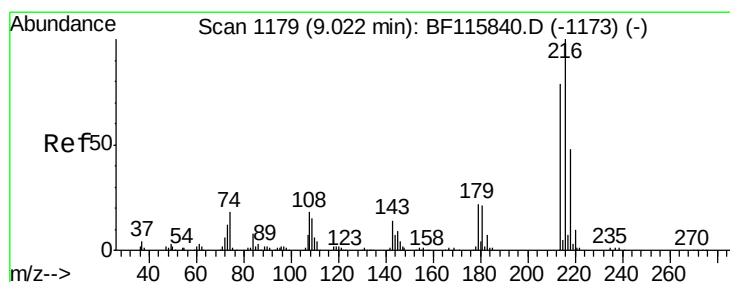
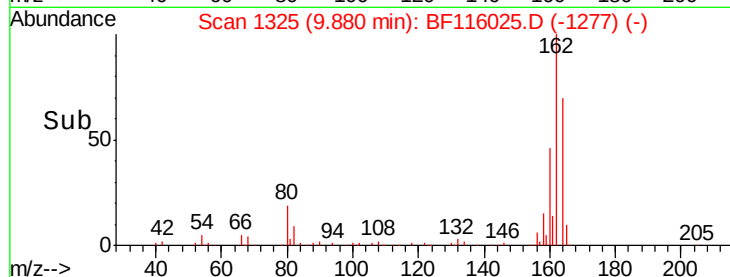
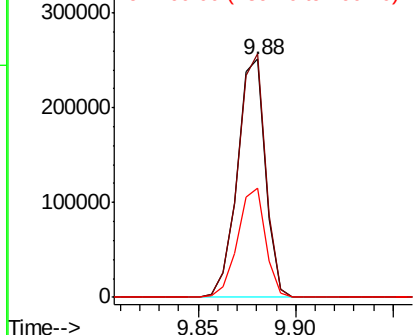
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.02 min
 Lab File: BF116025.D
 Acq: 6 Aug 2019 20:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 250843
 Ion Ratio Lower Upper
 164 100
 162 102.2 80.8 121.2
 160 45.7 36.2 54.4

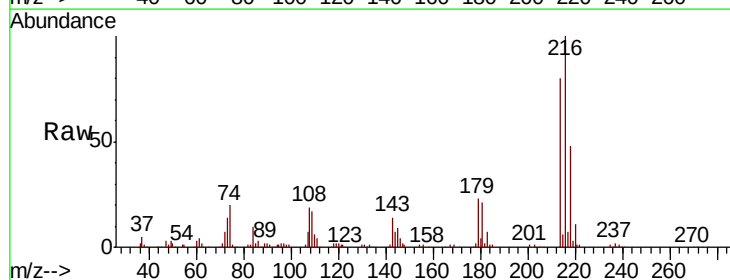


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

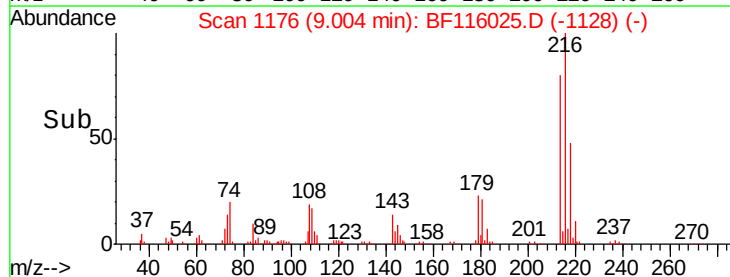
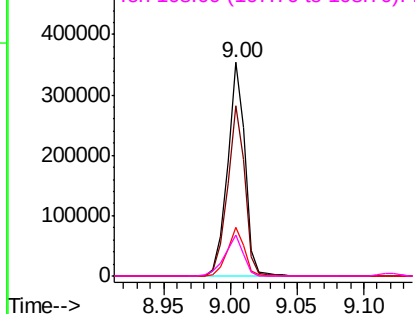


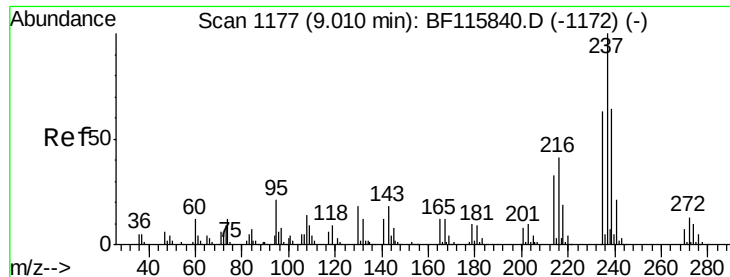
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.648 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.02 min
 Lab File: BF116025.D
 Acq: 6 Aug 2019 20:42

Tgt Ion:216 Resp: 326235
 Ion Ratio Lower Upper
 216 100
 214 79.5 62.8 94.2
 179 22.0 17.6 26.4
 108 20.9 16.1 24.1



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

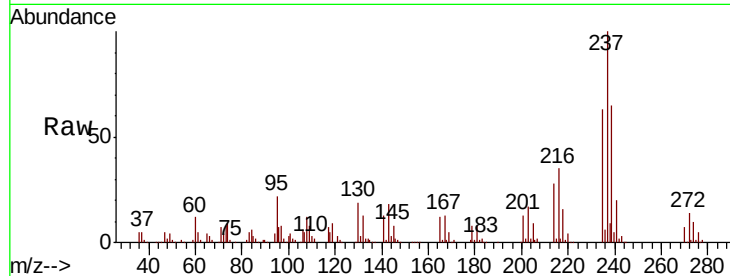




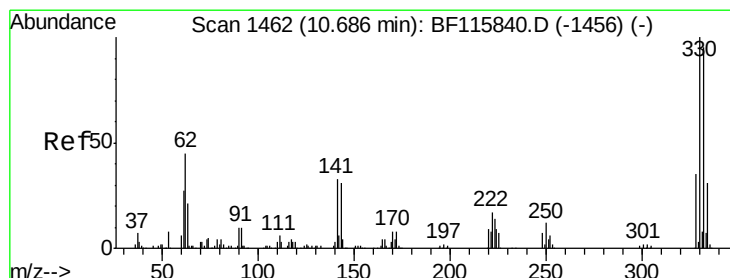
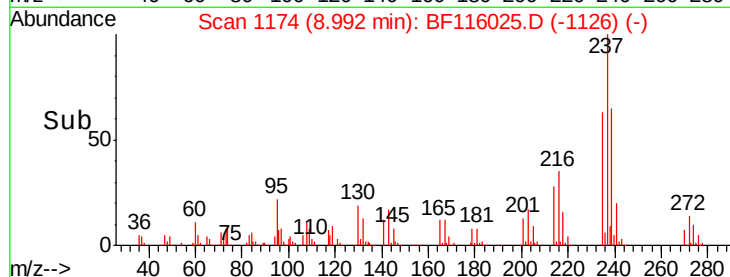
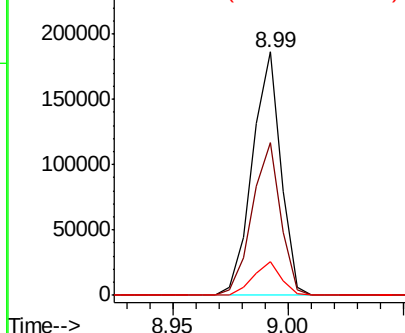
#41
Hexachlorocyclopentadiene
Concen: 55.373 ng
RT: 8.99 min Scan# 1174
Delta R.T. -0.02 min
Lab File: BF116025.D
Acq: 6 Aug 2019 20:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237	Resp:	160777
Ion Ratio	Lower	Upper
237	100	
235	62.6	42.5 82.5
272	13.7	0.0 33.3

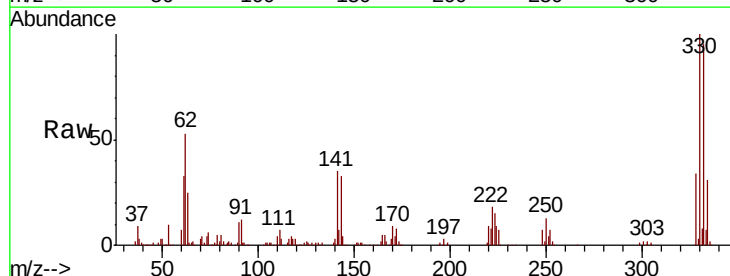


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

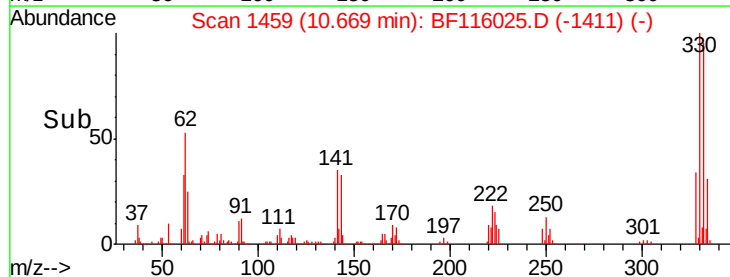
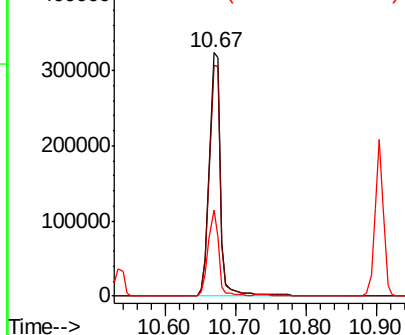


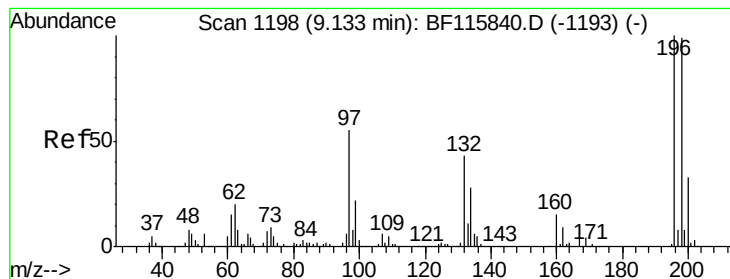
#42
2,4,6-Tribromophenol
Concen: 147.647 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.02 min
Lab File: BF116025.D
Acq: 6 Aug 2019 20:42

Tgt Ion:330	Resp:	359076
Ion Ratio	Lower	Upper
330	100	
332	95.7	77.7 116.5
141	33.0	28.1 42.1



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





#43

2,4,6-Trichlorophenol

Concen: 46.577 ng

RT: 9.12 min Scan# 1196

Delta R.T. -0.01 min

Lab File: BF116025.D

Acq: 6 Aug 2019 20:42

Instrument :

BNA_F

ClientSampled :

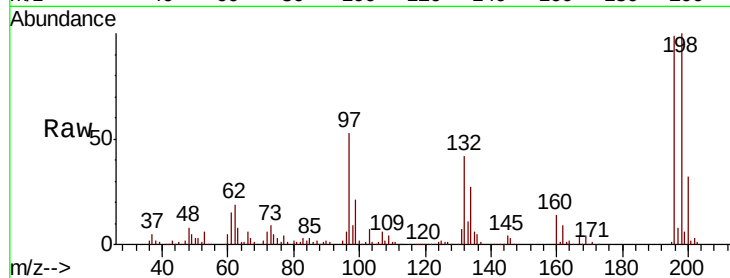
Tot Ion:196 Resp: 214992

Ion Ratio Lower Upper

196 100

198 100.8 79.1 118.7

200 32.1 26.0 39.0

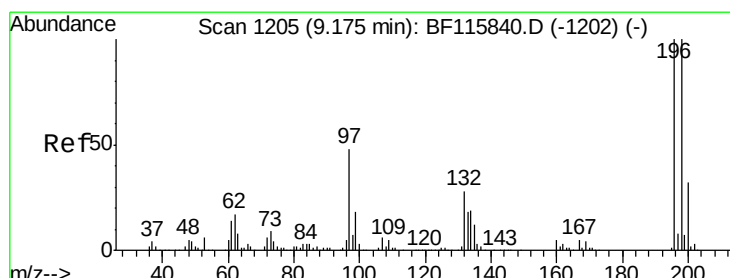
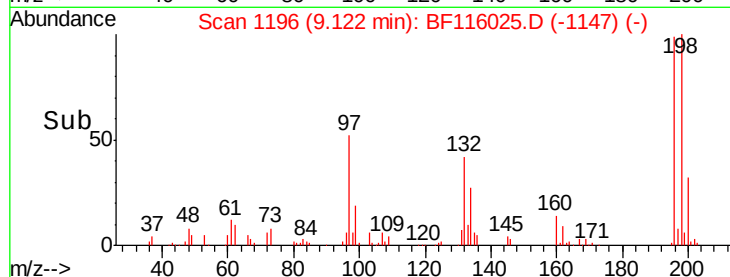
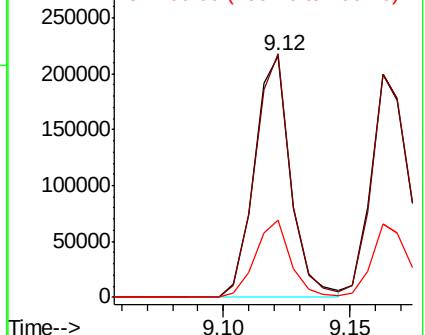


Abundance

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: 48.929 ng

RT: 9.16 min Scan# 1203

Delta R.T. -0.01 min

Lab File: BF116025.D

Acq: 6 Aug 2019 20:42

Tgt Ion:196 Resp: 233463

Ion Ratio Lower Upper

196 100

198 100.2 80.1 120.1

97 54.5 38.9 58.3

132 31.5 22.6 33.8

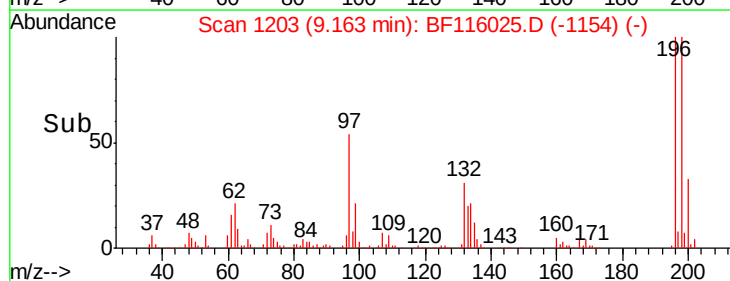
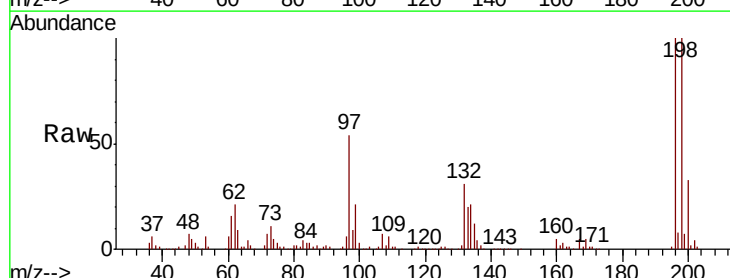
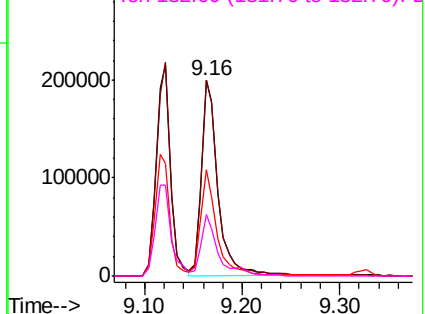
Abundance

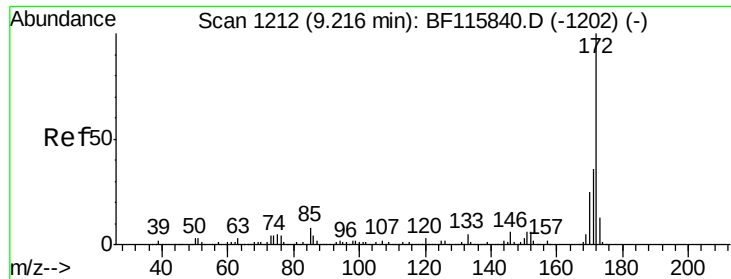
Ion 196.00 (195.70 to 196.70): E

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

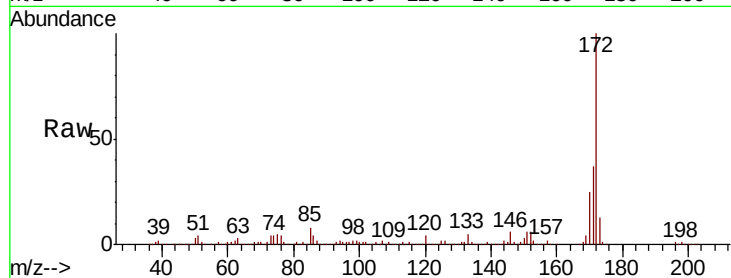




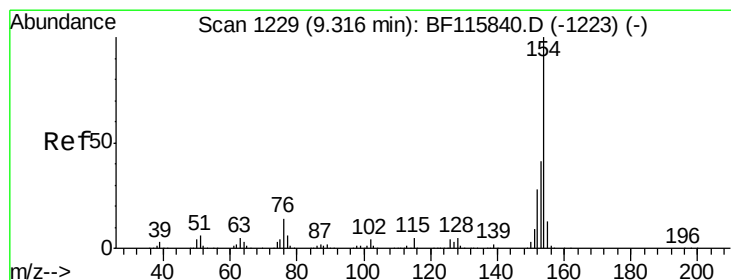
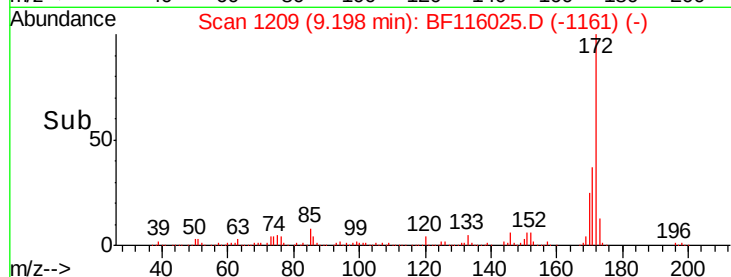
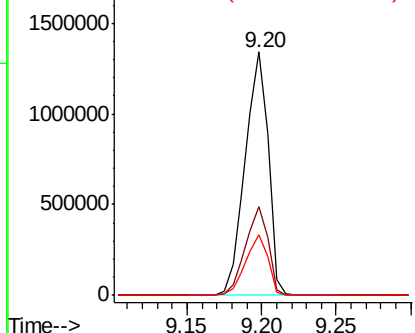
#45
2-Fluorobiphenyl
Concen: 107.219 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.02 min
Lab File: BF116025.D
Acq: 6 Aug 2019 20:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1435881
Ion Ratio Lower Upper
172 100
171 36.7 29.1 43.7
170 25.1 20.1 30.1

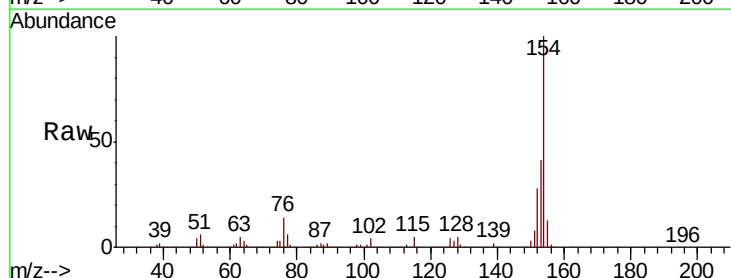


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

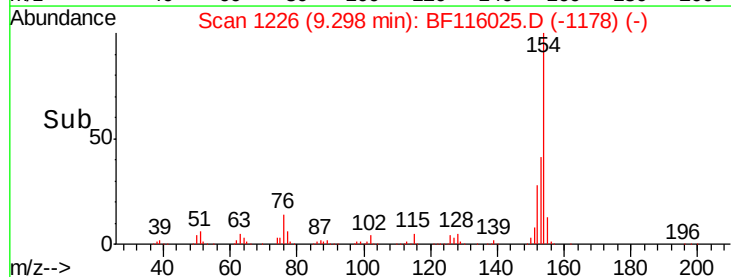
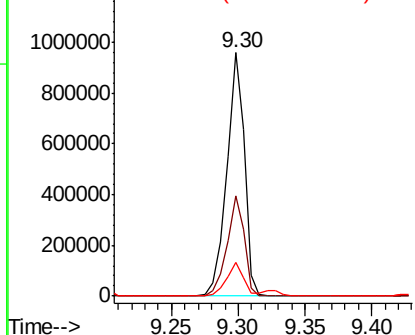


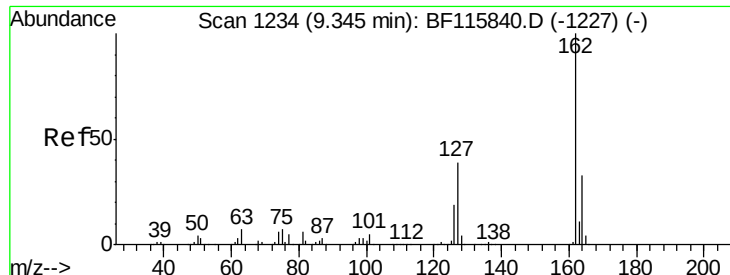
#46
1,1'-Biphenyl
Concen: 50.558 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.02 min
Lab File: BF116025.D
Acq: 6 Aug 2019 20:42

Tgt Ion:154 Resp: 895358
Ion Ratio Lower Upper
154 100
153 40.9 20.9 60.9
76 14.0 0.0 34.3



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

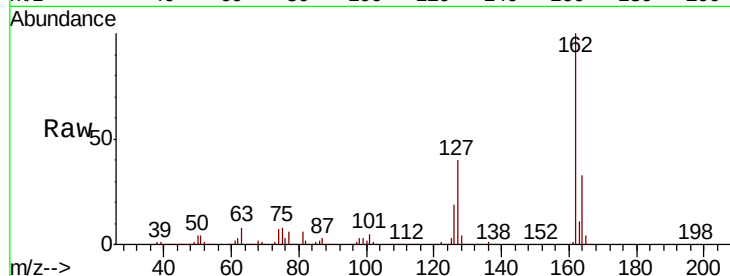




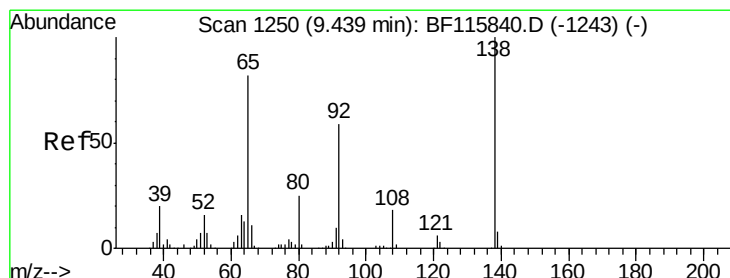
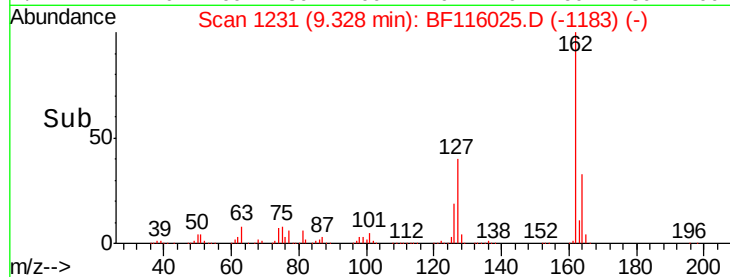
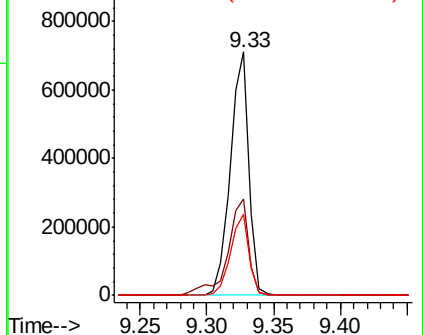
#47
 2-Chloronaphthalene
 Concen: 47.418 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.02 min
 Lab File: BF116025.D
 Acq: 6 Aug 2019 20:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	162	Resp:	698915
Ion	Ratio	Lower	Upper
162	100		
127	39.9	31.3	46.9
164	33.4	26.6	40.0

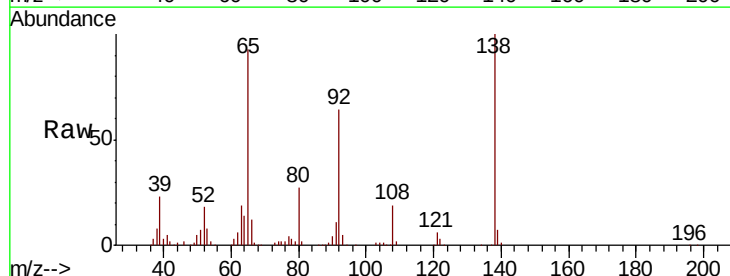


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

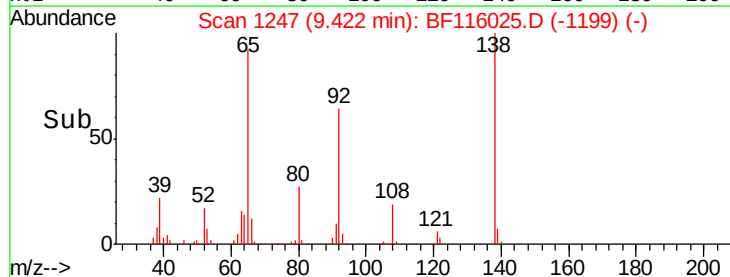
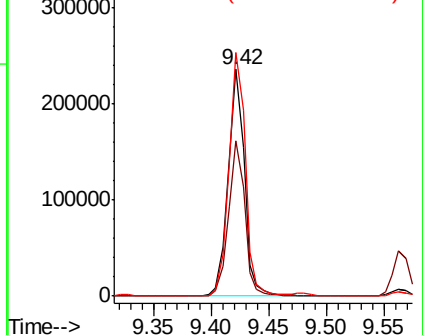


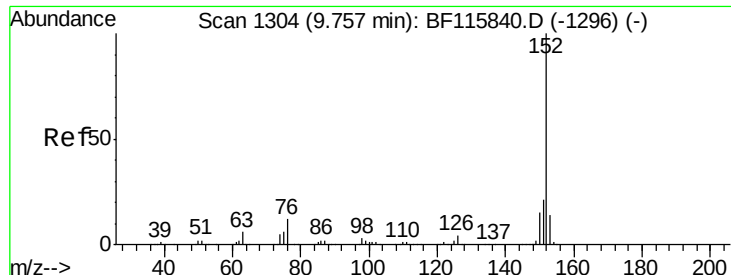
#48
 2-Nitroaniline
 Concen: 47.428 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.02 min
 Lab File: BF116025.D
 Acq: 6 Aug 2019 20:42

Tgt Ion:	65	Resp:	231065
Ion	Ratio	Lower	Upper
65	100		
92	68.4	57.1	85.7
138	107.5	97.1	145.7



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





#49

Acenaphthylene

Concen: 50.350 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BF116025.D

Acq: 6 Aug 2019 20:42

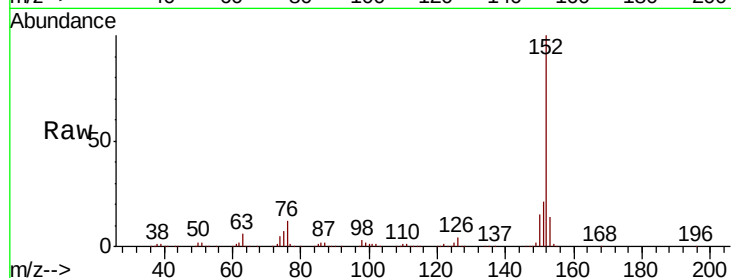
Instrument :

BNA_F

ClientSampled :

Tot Ion:152 Resp: 1082707

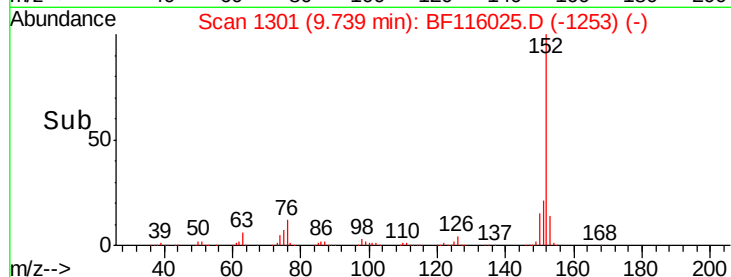
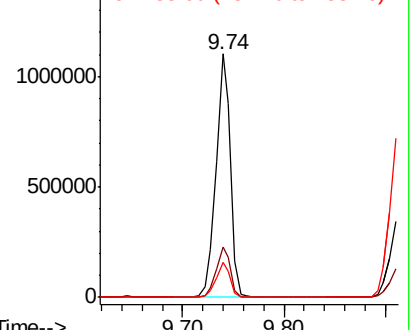
Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.8	25.2
153	14.2	11.6	17.4



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: 49.353 ng

RT: 9.60 min Scan# 1277

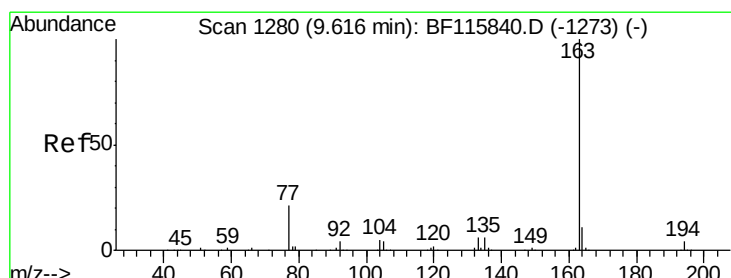
Delta R.T. -0.02 min

Lab File: BF116025.D

Acq: 6 Aug 2019 20:42

Tgt Ion:163 Resp: 842936

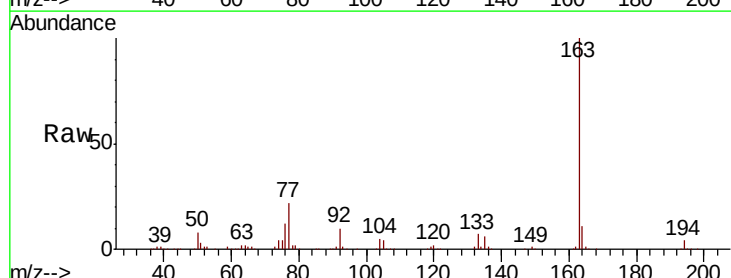
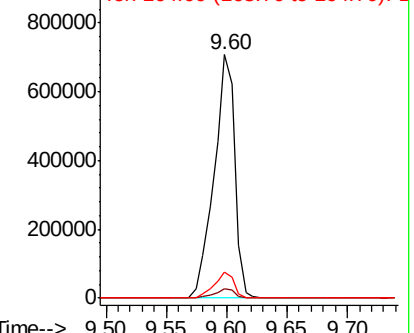
Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.6
164	10.6	8.4	12.6

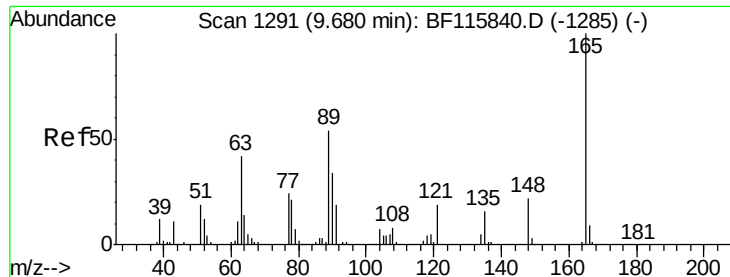


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 50.981 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.02 min

Lab File: BF116025.D

Acq: 6 Aug 2019 20:42

Instrument :

BNA_F

ClientSampleId :

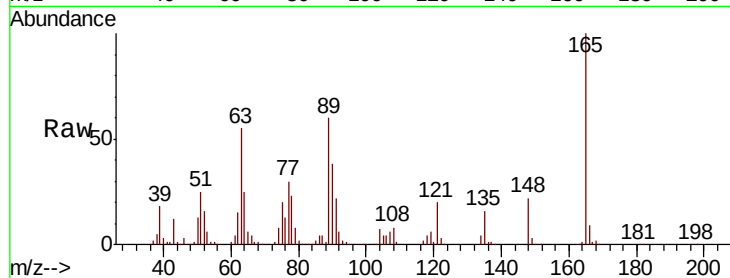
Tot Ion:165 Resp: 189226

Ion Ratio Lower Upper

165 100

63 55.4 39.4 59.2

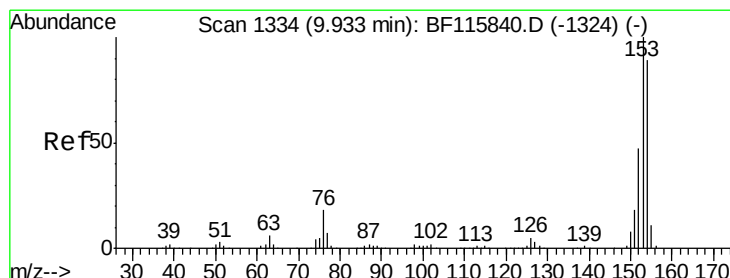
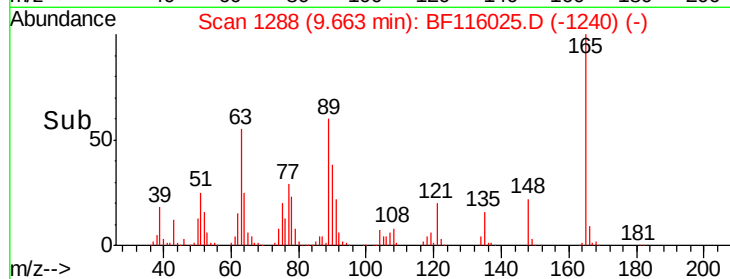
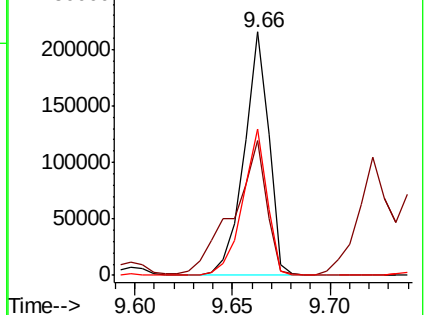
89 60.1 43.0 64.6



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: 49.108 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.02 min

Lab File: BF116025.D

Acq: 6 Aug 2019 20:42

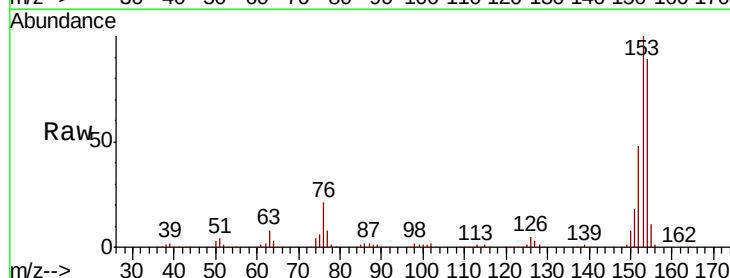
Tgt Ion:154 Resp: 647844

Ion Ratio Lower Upper

154 100

153 112.9 90.1 135.1

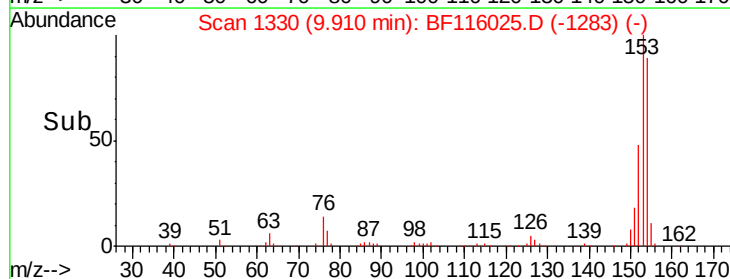
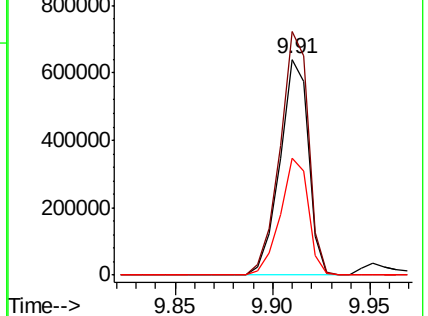
152 54.1 42.6 63.8

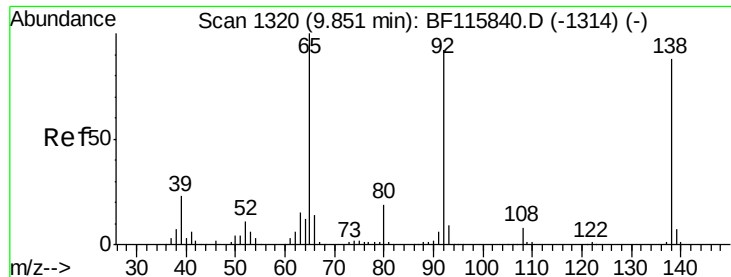


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

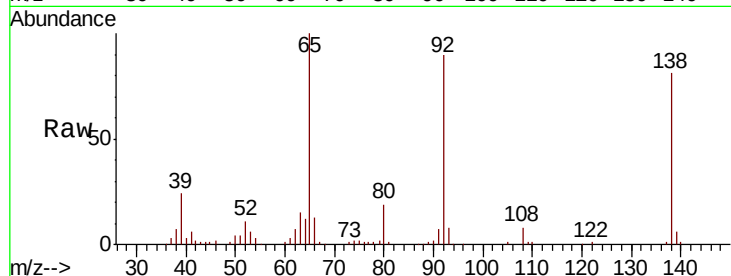




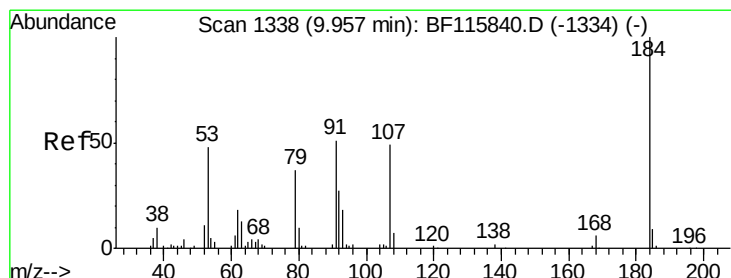
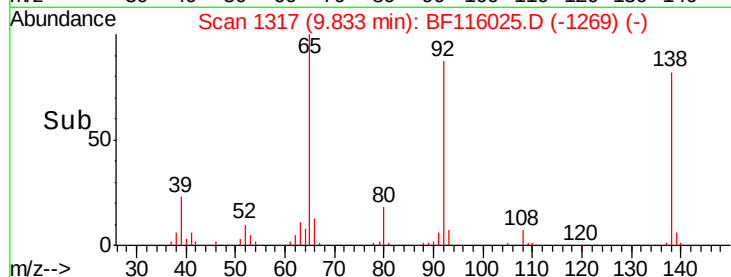
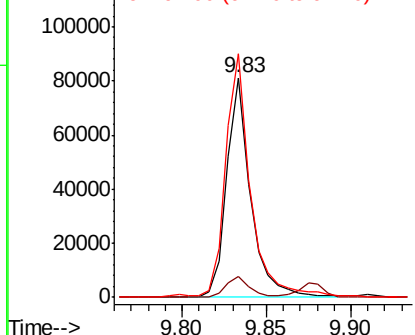
#53
 3-Nitroaniline
 Concen: 17.480 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.02 min
 Lab File: BF116025.D
 Acq: 6 Aug 2019 20:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:138 Resp: 80166
 Ion Ratio Lower Upper
 138 100
 108 9.3 7.4 11.2
 92 110.9 83.9 125.9

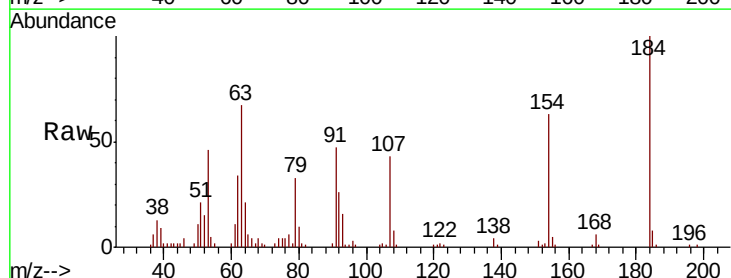


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

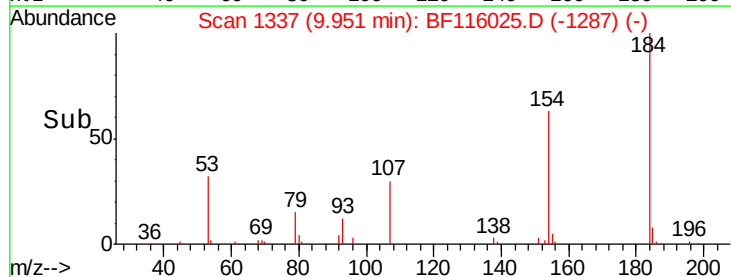
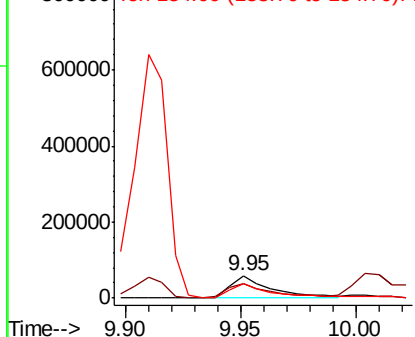


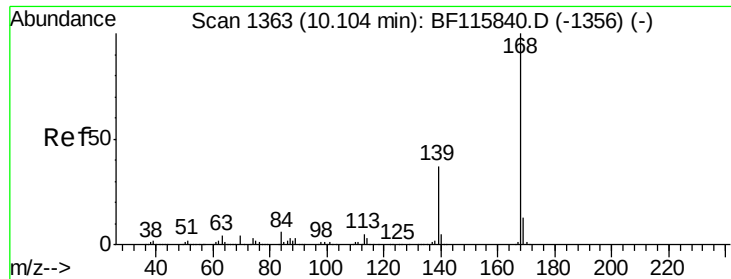
#54
 2,4-Dinitrophenol
 Concen: 42.439 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.00 min
 Lab File: BF116025.D
 Acq: 6 Aug 2019 20:42

Tgt Ion:184 Resp: 72443
 Ion Ratio Lower Upper
 184 100
 63 66.8 56.7 85.1
 154 63.2 51.9 77.9



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

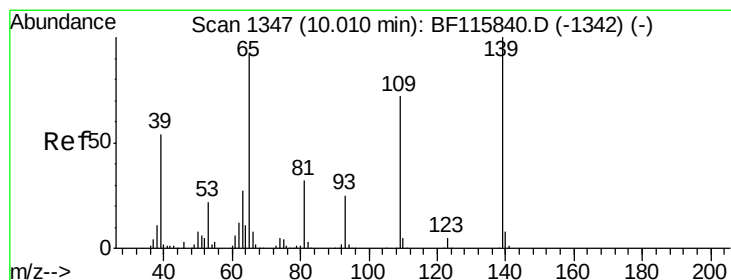
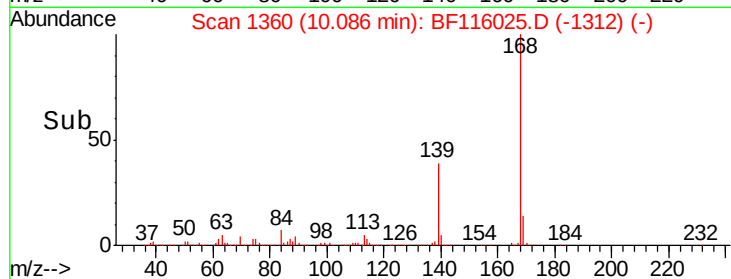
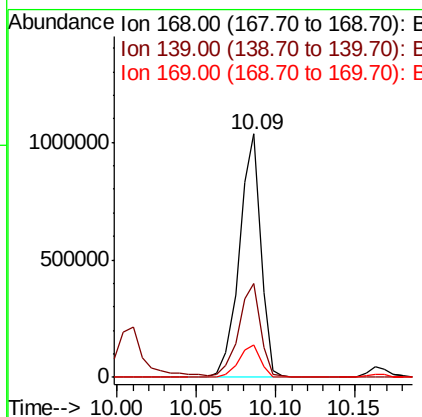
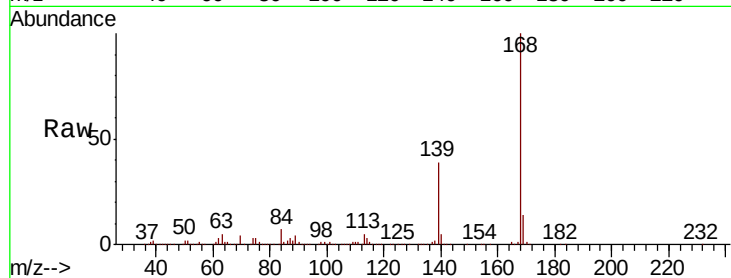




#55
Dibenzofuran
Concen: 50.442 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.02 min
Lab File: BF116025.D
Acq: 6 Aug 2019 20:42

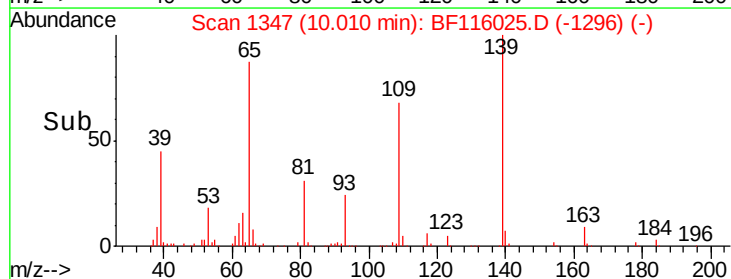
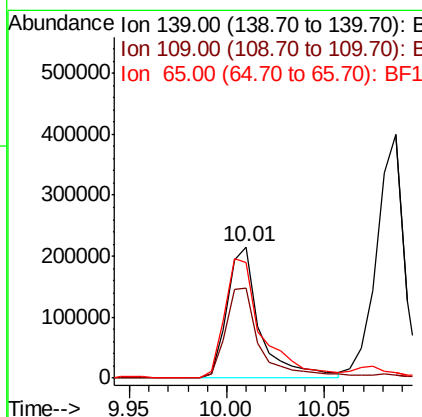
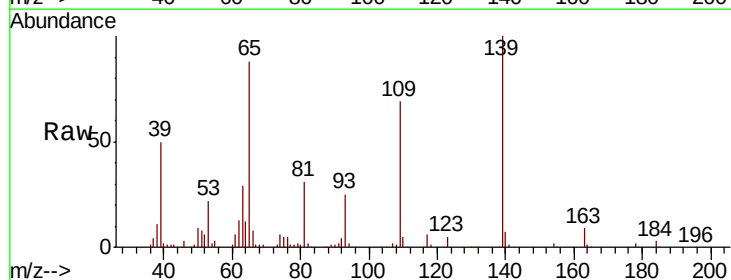
Instrument :
BNA_F
ClientSampled :

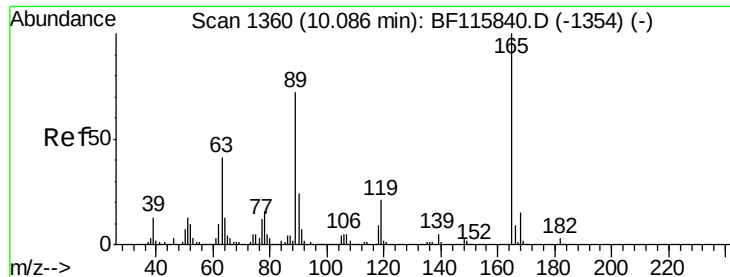
Tot Ion	Ratio	Lower	Upper
168	100		
139	38.6	30.2	45.2
169	13.5	10.8	16.2



#56
4-Nitrophenol
Concen: 85.724 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BF116025.D
Acq: 6 Aug 2019 20:42

Tgt Ion	Ratio	Lower	Upper
139	100		
109	68.6	52.0	92.0
65	87.7	72.6	112.6





#57

2,4-Dinitrotoluene

Concen: 50.249 ng

RT: 10.07 min Scan# 1358

Delta R.T. -0.01 min

Lab File: BF116025.D

Acq: 6 Aug 2019 20:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 248322

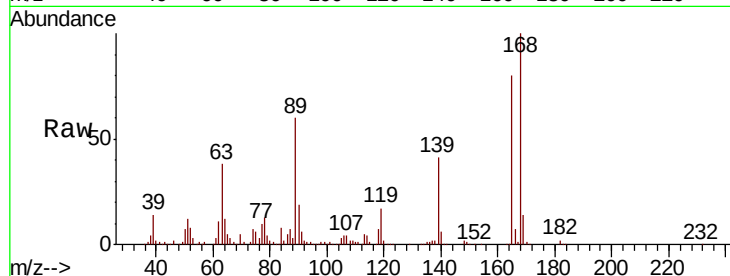
Ion Ratio Lower Upper

165 100

63 47.1 33.2 49.8

89 74.0 57.3 85.9

182 2.6 2.1 3.1

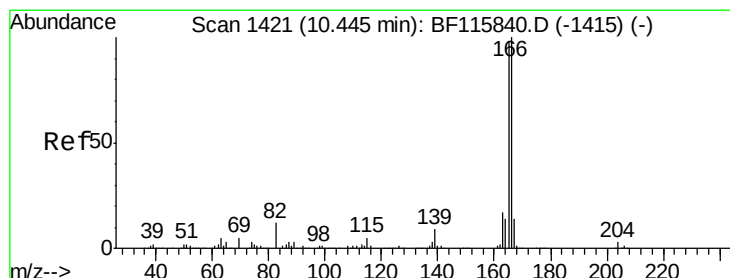
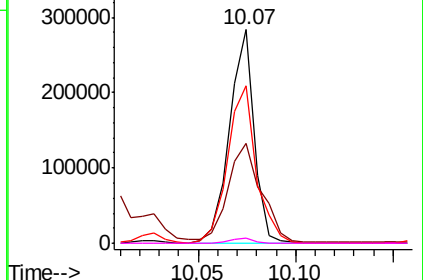
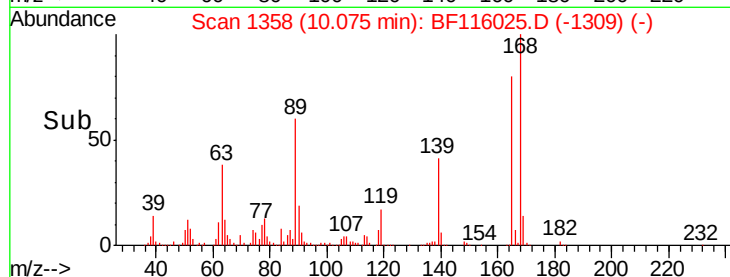


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 51.327 ng

RT: 10.43 min Scan# 1418

Delta R.T. -0.02 min

Lab File: BF116025.D

Acq: 6 Aug 2019 20:42

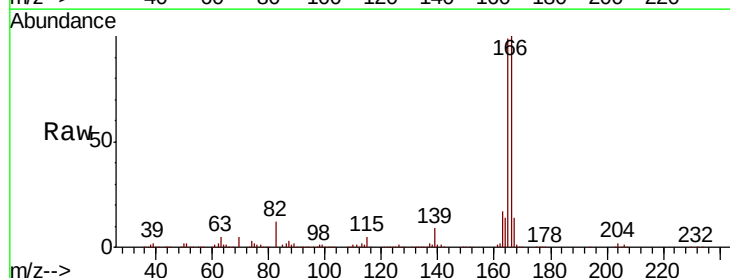
Tgt Ion:166 Resp: 757603

Ion Ratio Lower Upper

166 100

165 98.5 78.6 118.0

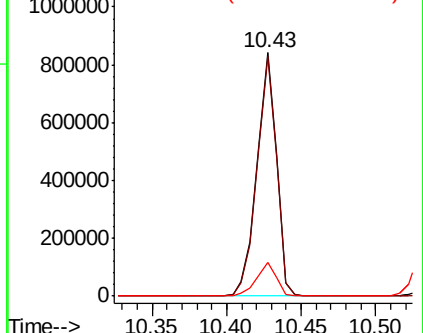
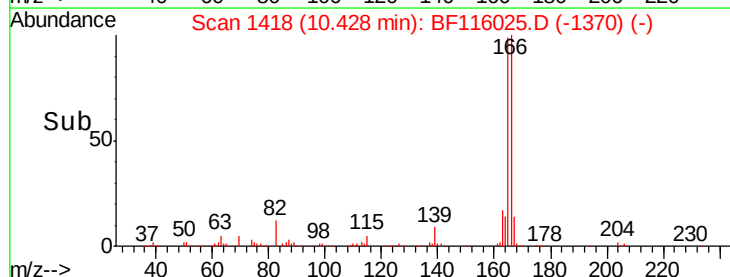
167 13.7 10.9 16.3

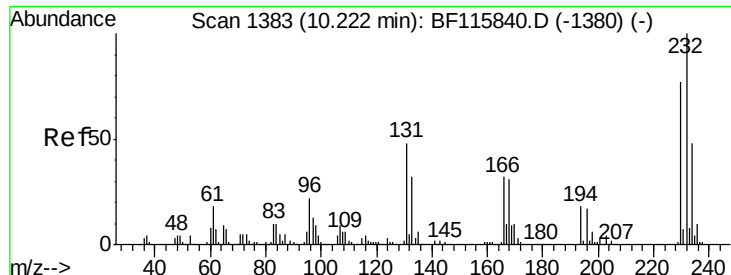


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

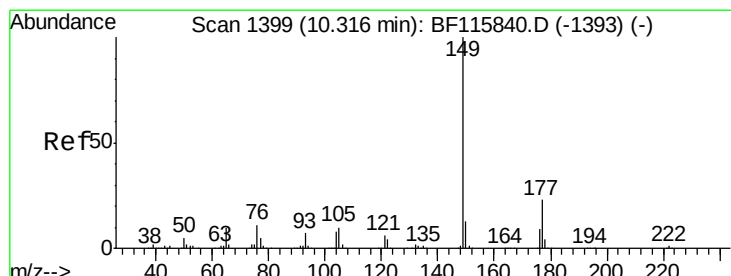
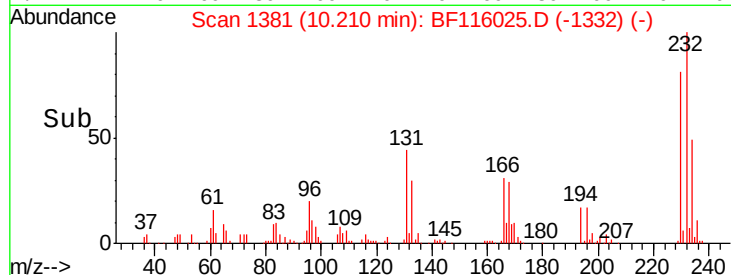
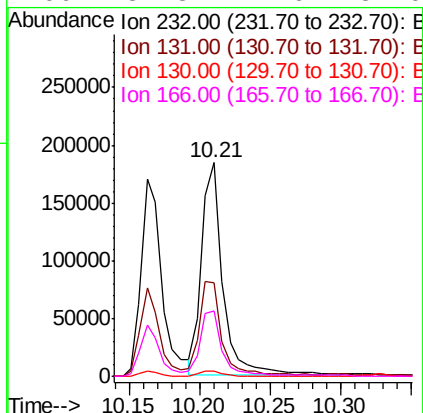
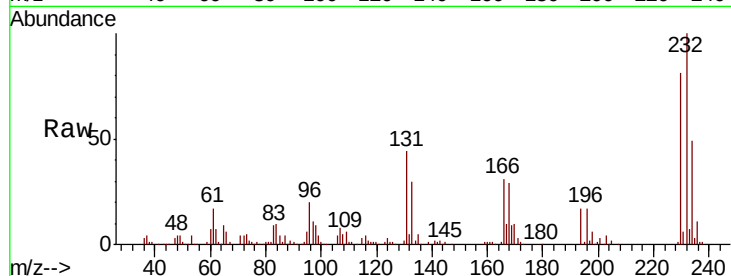




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.230 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. -0.01 min
 Lab File: BF116025.D
 Acq: 6 Aug 2019 20:42

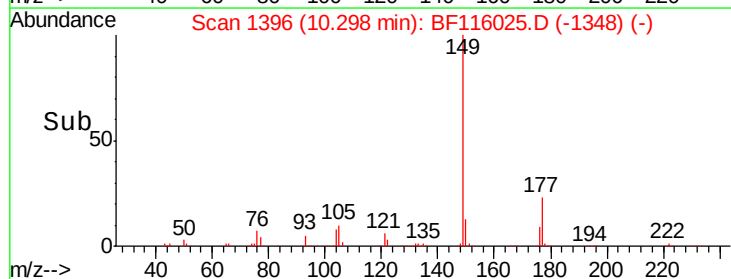
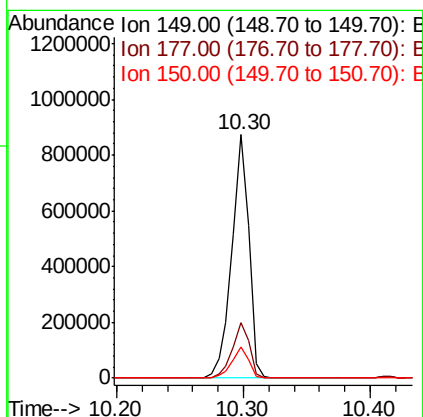
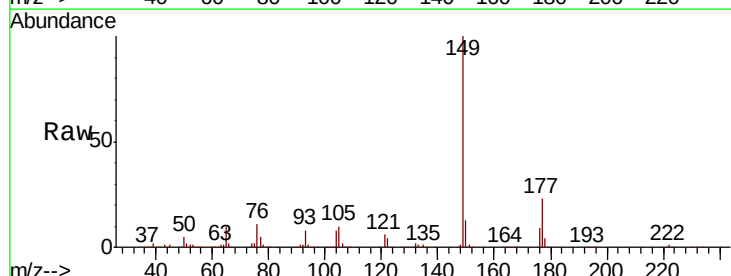
Instrument :
 BNA_F
 ClientSampled :

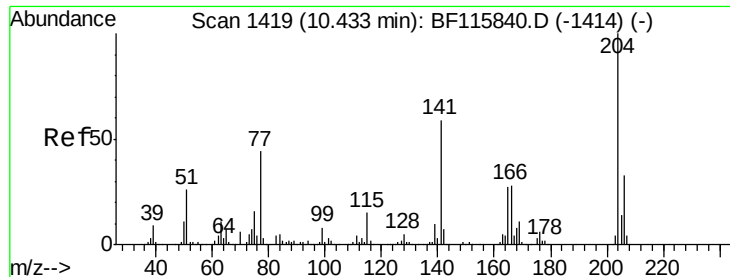
Tot Ion:232	Resp:	193607
Ion Ratio	Lower	Upper
232	100	
131	46.8	37.6 56.4
130	2.6	1.8 2.8
166	31.3	24.6 37.0



#60
 Diethylphthalate
 Concen: 50.600 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. -0.02 min
 Lab File: BF116025.D
 Acq: 6 Aug 2019 20:42

Tgt Ion:149	Resp:	806872
Ion Ratio	Lower	Upper
149	100	
177	22.7	18.4 27.6
150	12.9	10.1 15.1

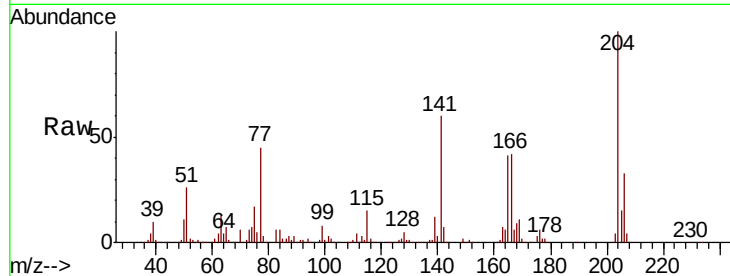




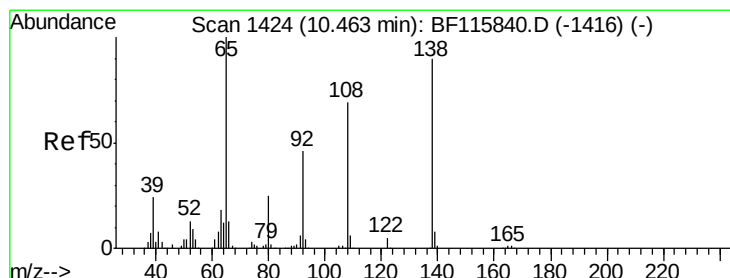
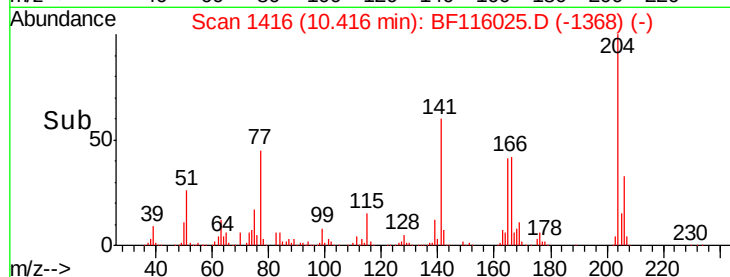
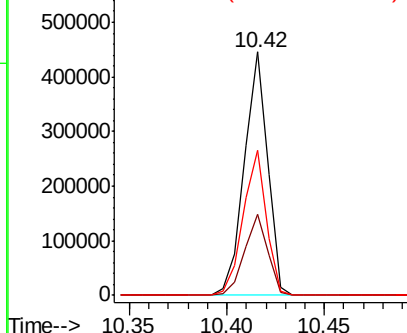
#61
4-Chlorophenyl-phenylether
Concen: 49.485 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.02 min
Lab File: BF116025.D
Acq: 6 Aug 2019 20:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 369915
Ion Ratio Lower Upper
204 100
206 33.4 26.4 39.6
141 59.6 47.0 70.4

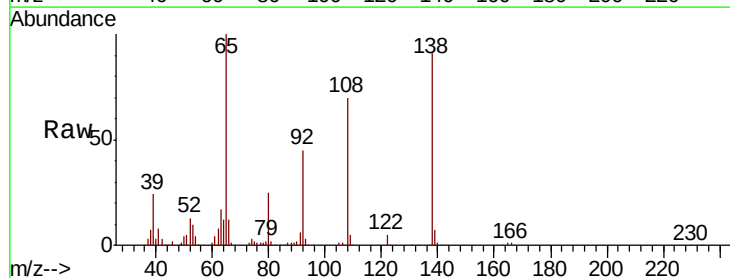


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

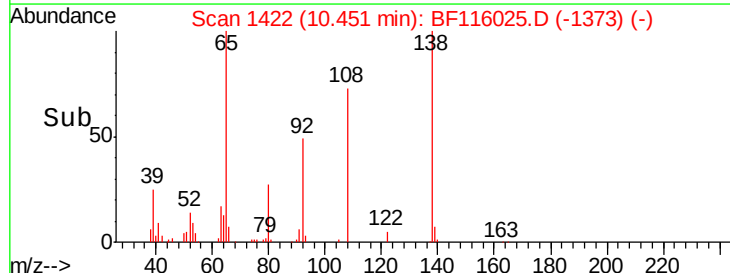
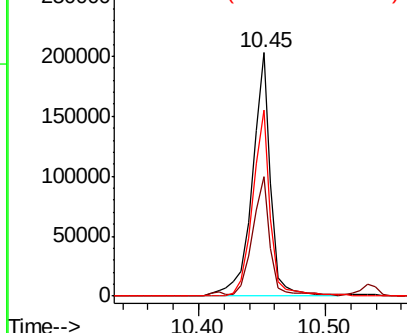


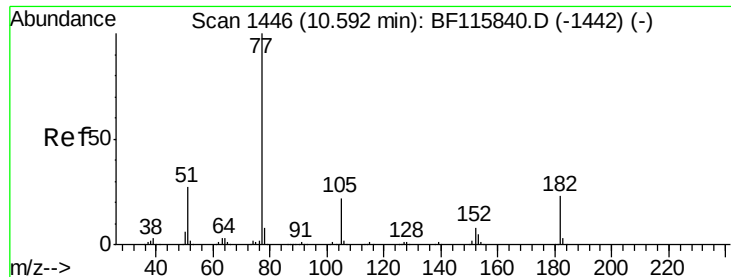
#62
4-Nitroaniline
Concen: 43.345 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF116025.D
Acq: 6 Aug 2019 20:42

Tgt Ion:138 Resp: 205441
Ion Ratio Lower Upper
138 100
92 49.1 31.0 71.0
108 76.6 56.7 96.7



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: 51.200 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.02 min

Lab File: BF116025.D

Acq: 6 Aug 2019 20:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 839751

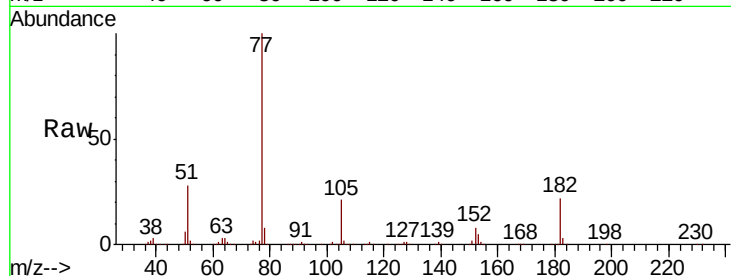
Ion Ratio Lower Upper

77 100

182 22.3 2.6 42.6

105 21.3 1.6 41.6

51 27.6 7.4 47.4

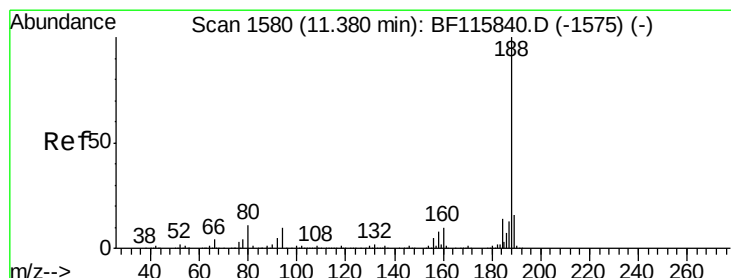
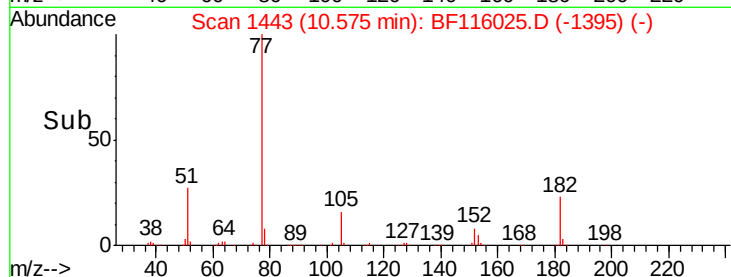
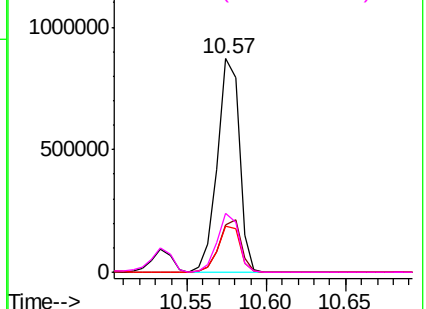


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.02 min

Lab File: BF116025.D

Acq: 6 Aug 2019 20:42

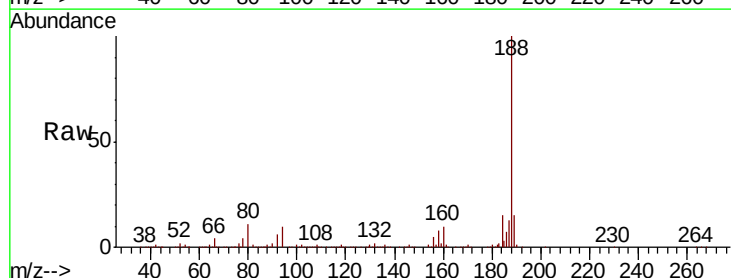
Tgt Ion: 188 Resp: 438185

Ion Ratio Lower Upper

188 100

94 10.1 8.0 12.0

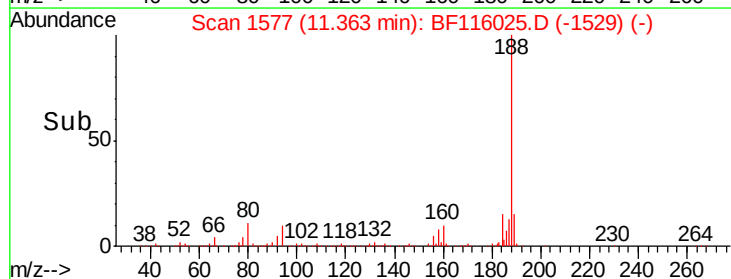
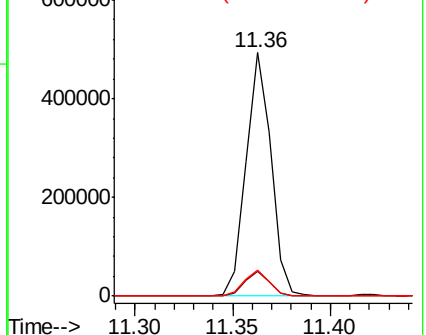
80 10.8 8.6 12.8

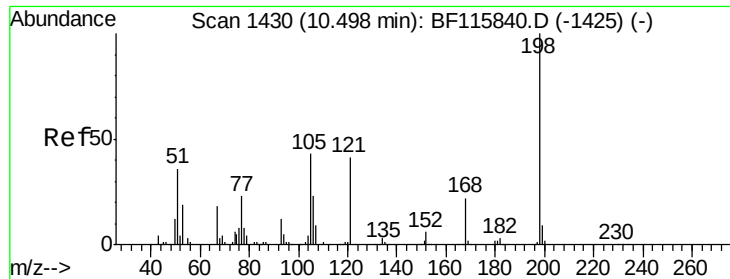


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

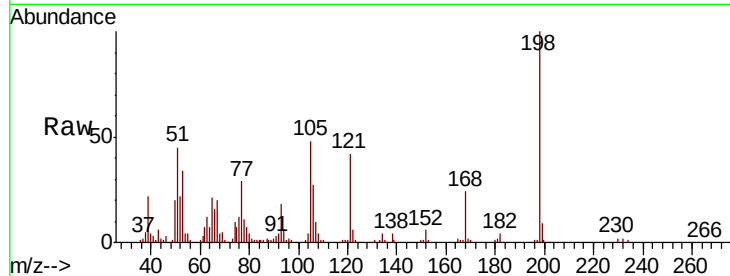




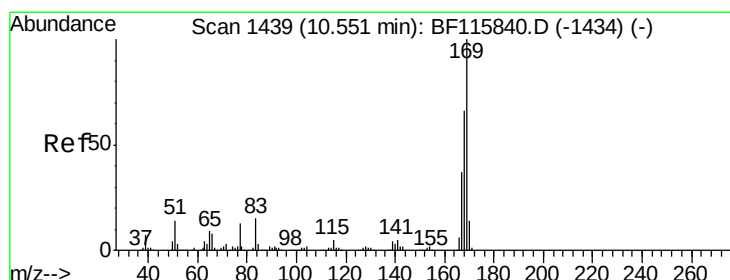
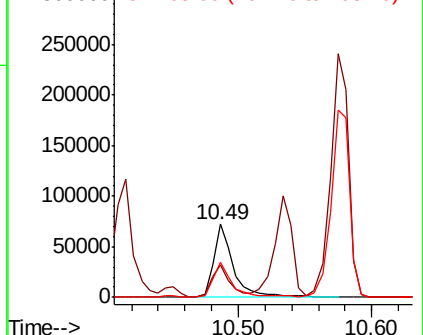
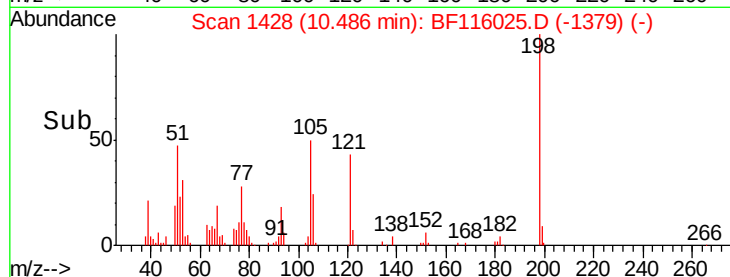
#65
4,6-Dinitro-2-methylphenol
Concen: 32.493 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF116025.D
Acq: 6 Aug 2019 20:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 75452
Ion Ratio Lower Upper
198 100
51 45.2 21.1 61.1
105 47.8 24.5 64.5

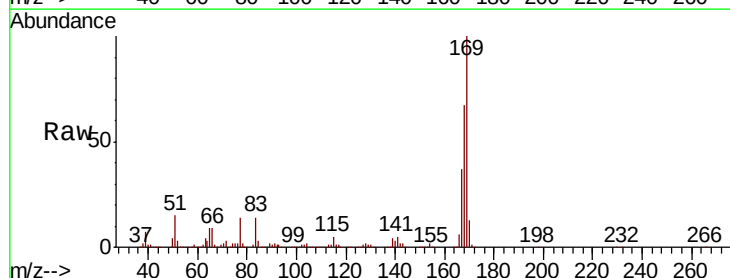


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

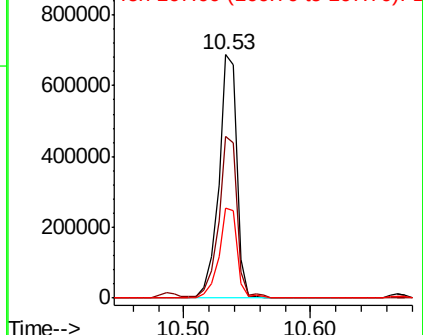
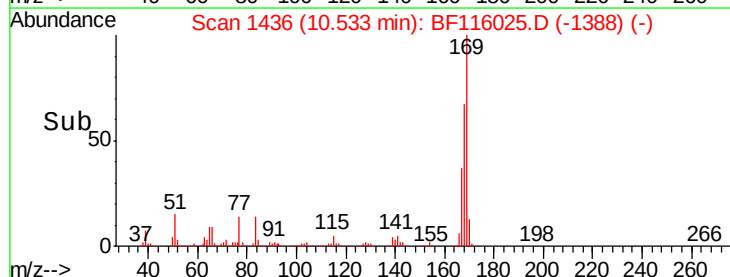


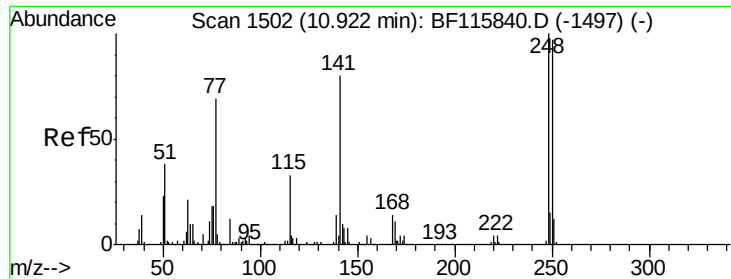
#66
n-Nitrosodiphenylamine
Concen: 52.057 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.02 min
Lab File: BF116025.D
Acq: 6 Aug 2019 20:42

Tgt Ion:169 Resp: 686570
Ion Ratio Lower Upper
169 100
168 66.6 53.0 79.6
167 37.0 29.9 44.9



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

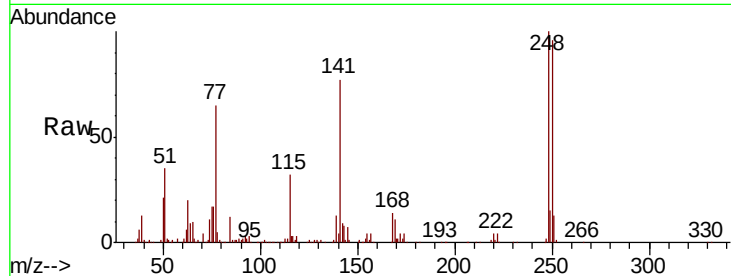




#67
4-Bromophenyl-phenylether
Concen: 49.373 ng
RT: 10.90 min Scan# 1499
Delta R.T. -0.02 min
Lab File: BF116025.D
Acq: 6 Aug 2019 20:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.9	77.8	116.6
141	77.0	64.3	96.5

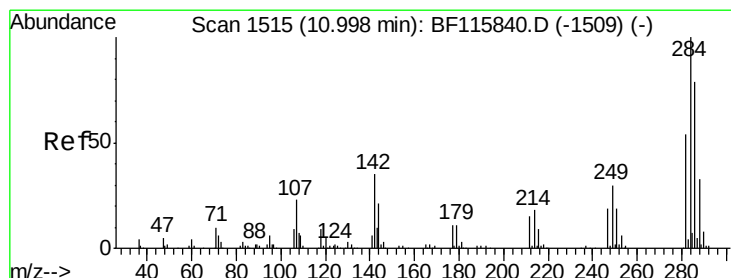
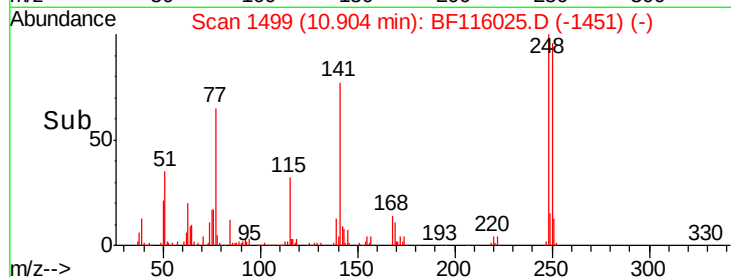
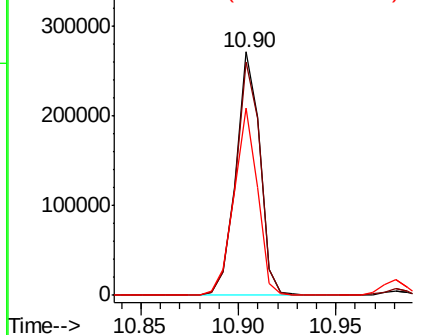


Abundance

Ion 248.00 (247.70 to 248.70): E

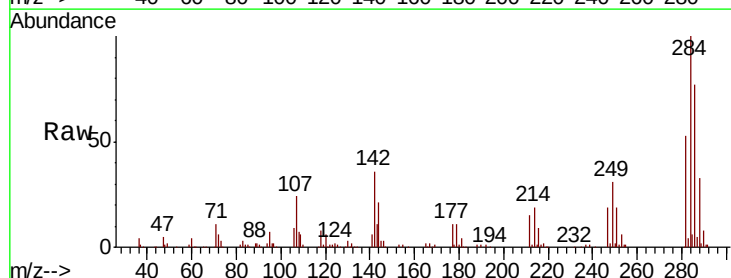
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 47.433 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.02 min
Lab File: BF116025.D
Acq: 6 Aug 2019 20:42

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.4	28.2	42.2
249	30.7	24.0	36.0

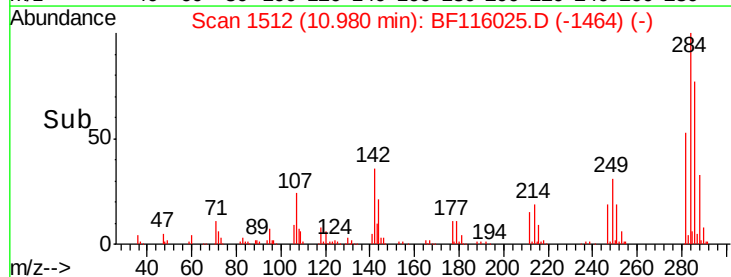
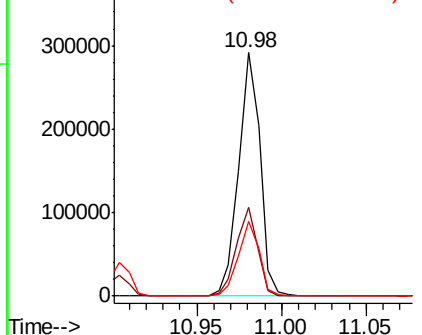


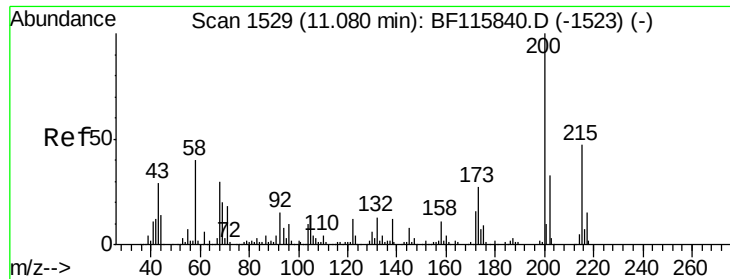
Abundance

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: 50.600 ng

RT: 11.06 min Scan# 1526

Delta R.T. -0.02 min

Lab File: BF116025.D

Acq: 6 Aug 2019 20:42

Instrument :

BNA_F

ClientSampleId :

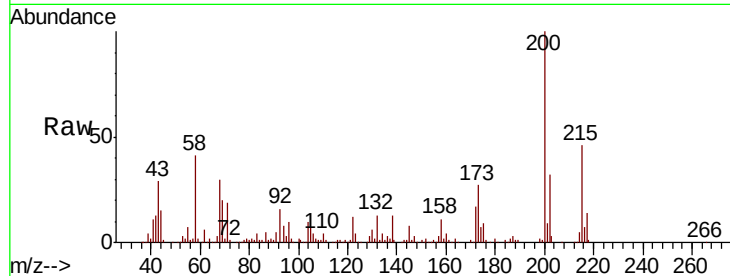
Tot Ion:200 Resp: 219550

Ion Ratio Lower Upper

200 100

173 27.3 7.3 47.3

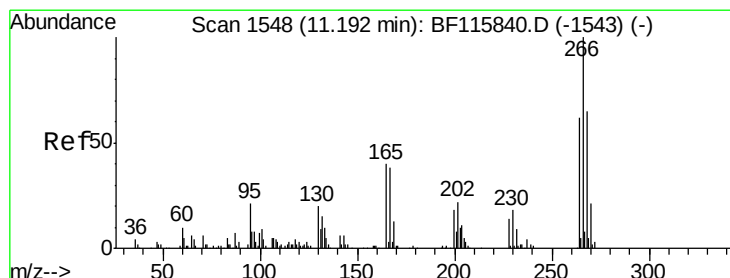
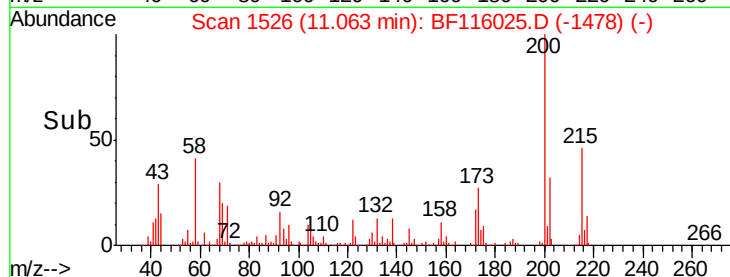
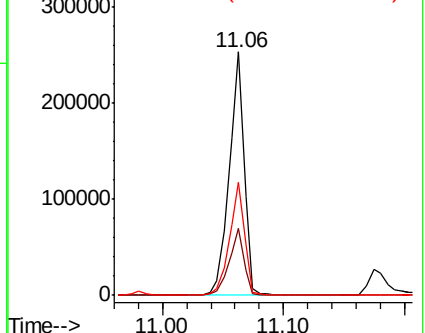
215 46.3 26.9 66.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 75.231 ng

RT: 11.17 min Scan# 1545

Delta R.T. -0.02 min

Lab File: BF116025.D

Acq: 6 Aug 2019 20:42

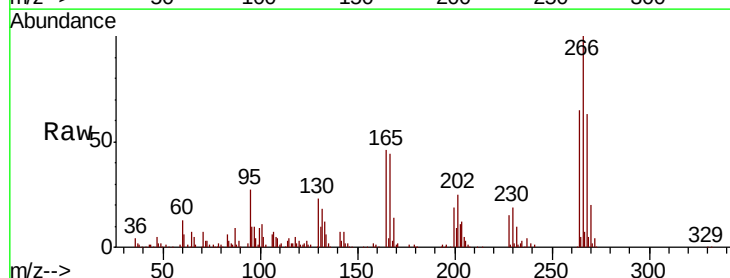
Tgt Ion:266 Resp: 198113

Ion Ratio Lower Upper

266 100

268 63.3 51.6 77.4

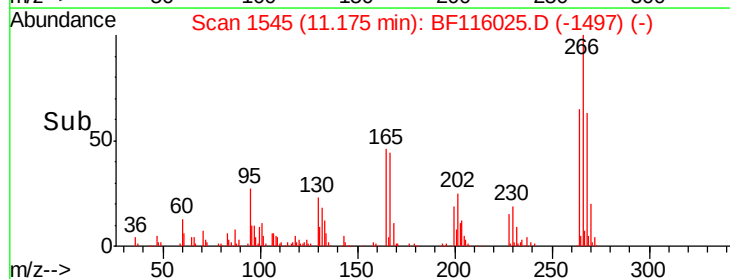
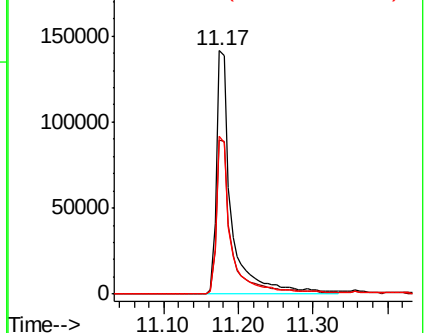
264 65.0 49.4 74.0

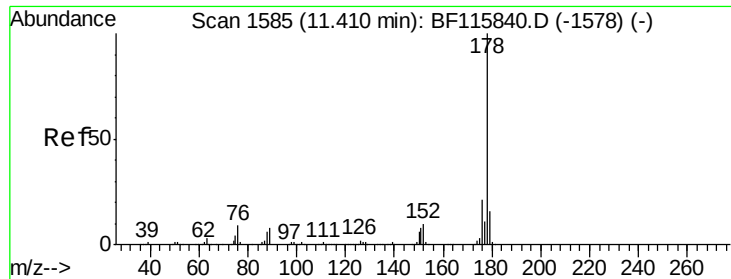


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

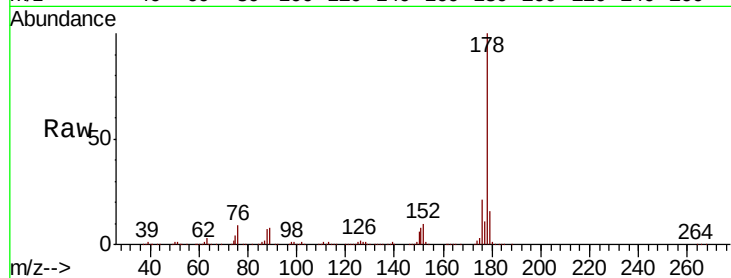




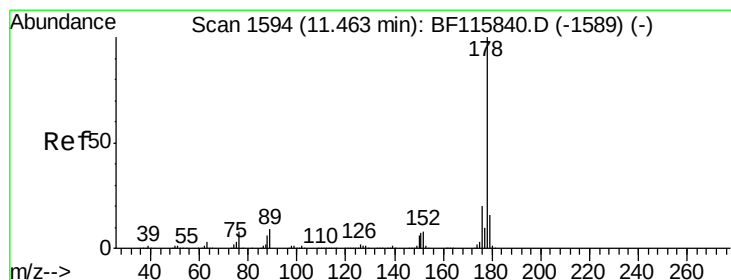
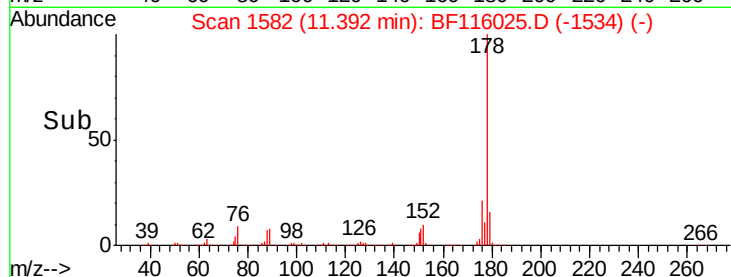
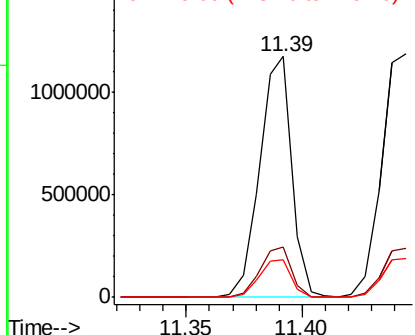
#71
Phenanthrene
Concen: 50.520 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.02 min
Lab File: BF116025.D
Acq: 6 Aug 2019 20:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1131691
Ion Ratio Lower Upper
178 100
176 20.8 16.5 24.7
179 15.8 12.6 18.8

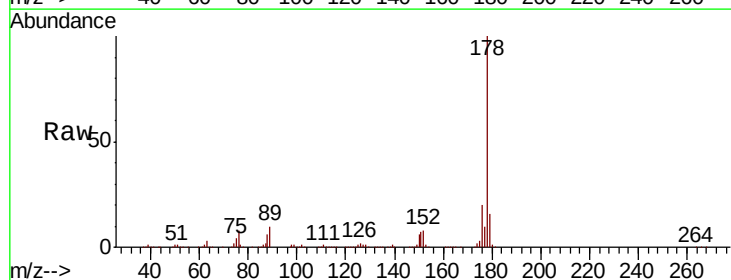


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

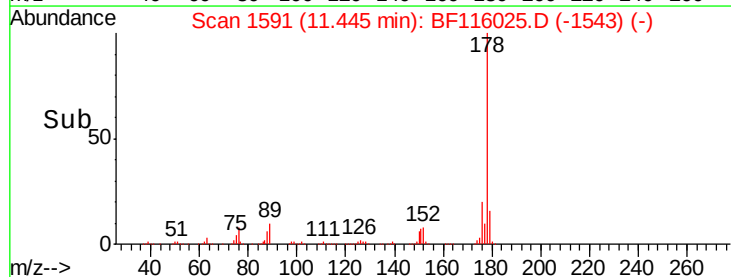
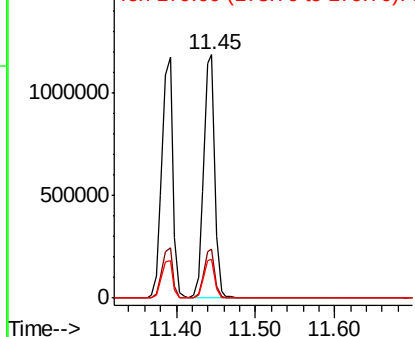


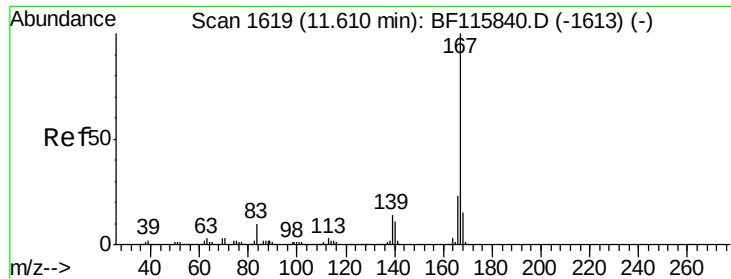
#72
Anthracene
Concen: 51.942 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.02 min
Lab File: BF116025.D
Acq: 6 Aug 2019 20:42

Tgt Ion:178 Resp: 1177555
Ion Ratio Lower Upper
178 100
176 19.9 15.7 23.5
179 15.8 12.4 18.6



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

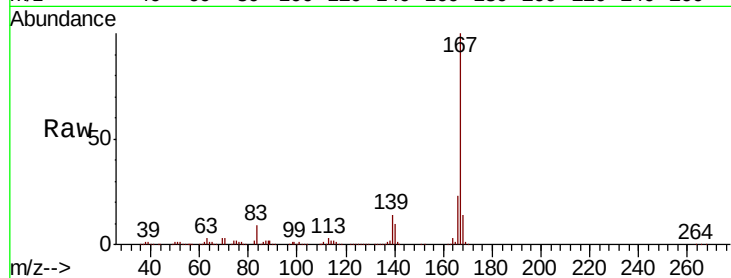




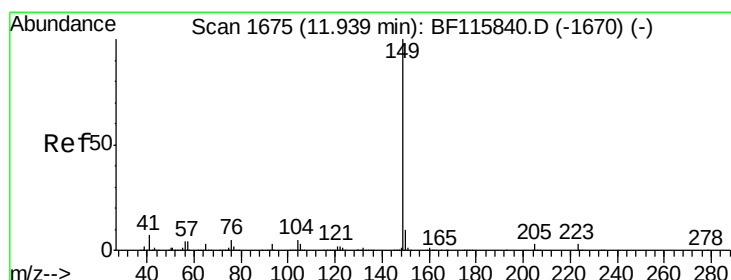
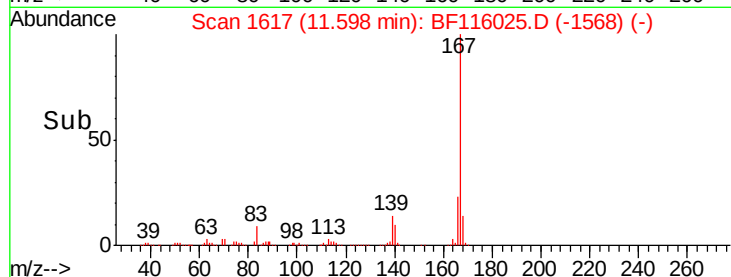
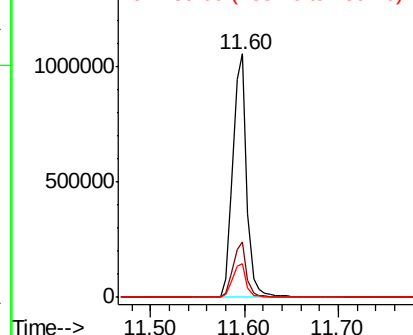
#73
 Carbazole
 Concen: 52.922 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BF116025.D
 Acq: 6 Aug 2019 20:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1088499
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.0 27.0
 139 13.7 11.4 17.2

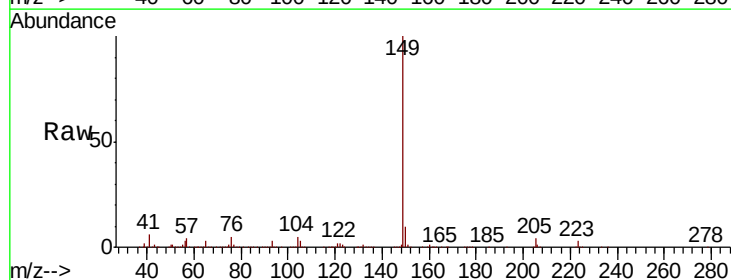


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

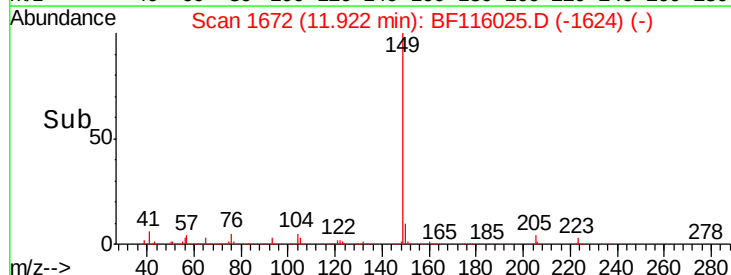
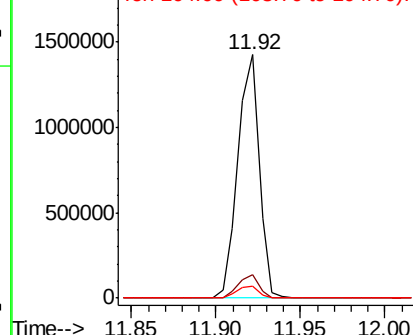


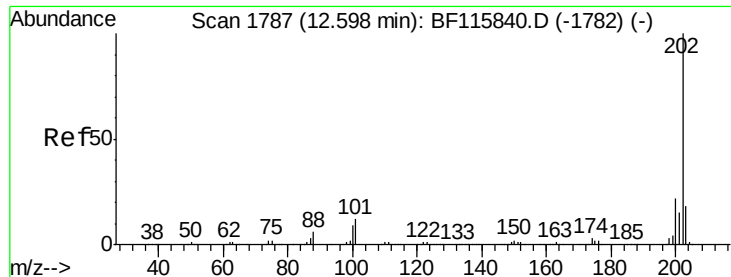
#74
 Di-n-butylphthalate
 Concen: 52.473 ng
 RT: 11.92 min Scan# 1672
 Delta R.T. -0.02 min
 Lab File: BF116025.D
 Acq: 6 Aug 2019 20:42

Tgt Ion:149 Resp: 1259005
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.7 11.5
 104 5.2 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E

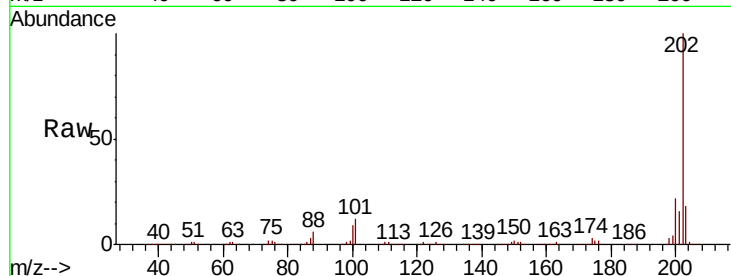




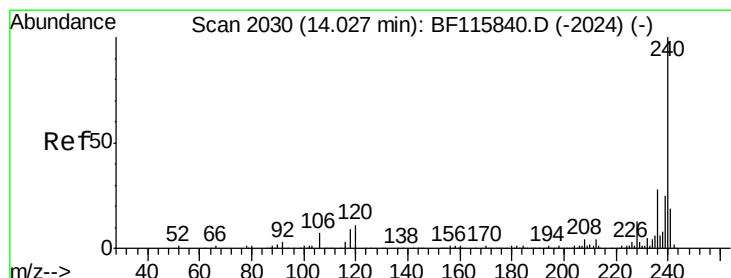
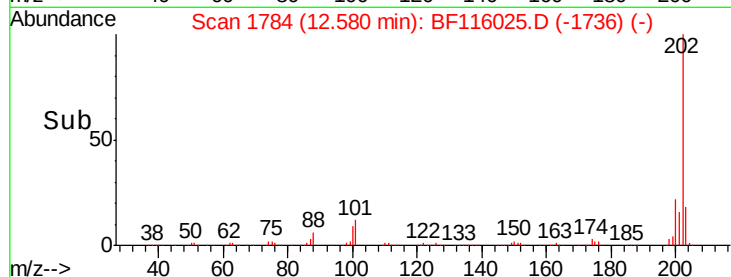
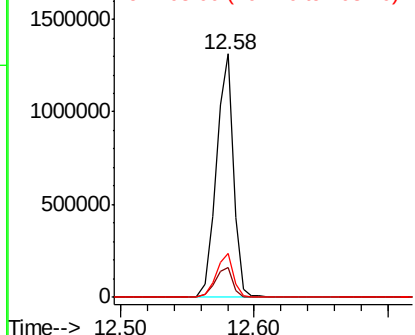
#75
 Fluoranthene
 Concen: 50.676 ng
 RT: 12.58 min Scan# 1784
 Delta R.T. -0.02 min
 Lab File: BF116025.D
 Acq: 6 Aug 2019 20:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1188444
 Ion Ratio Lower Upper
 202 100
 101 12.1 0.0 31.5
 203 17.9 0.0 37.9

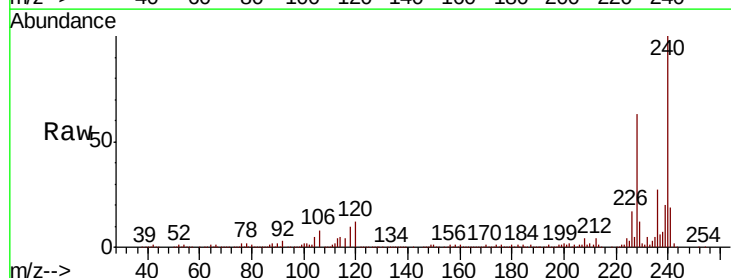


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

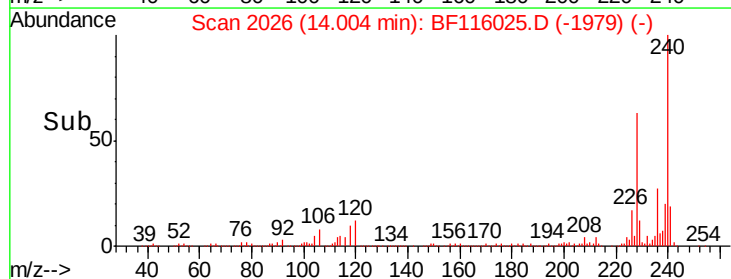
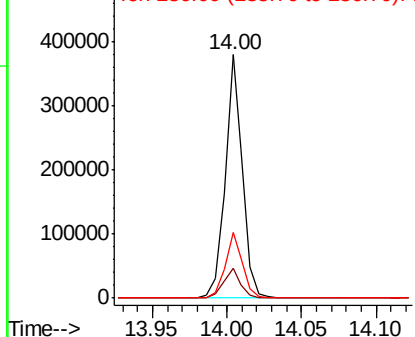


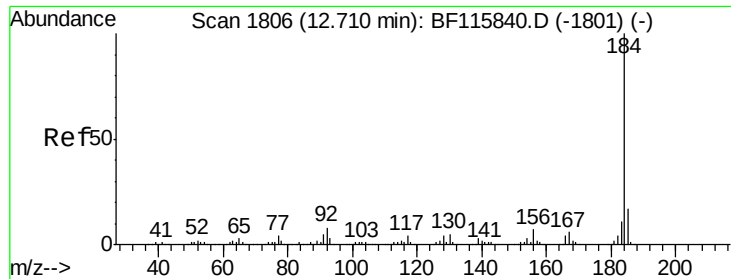
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.02 min
 Lab File: BF116025.D
 Acq: 6 Aug 2019 20:42

Tgt Ion:240 Resp: 307292
 Ion Ratio Lower Upper
 240 100
 120 12.1 8.5 12.7
 236 27.2 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: 25.296 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF116025.D

Acq: 6 Aug 2019 20:42

Instrument :

BNA_F

ClientSampleId :

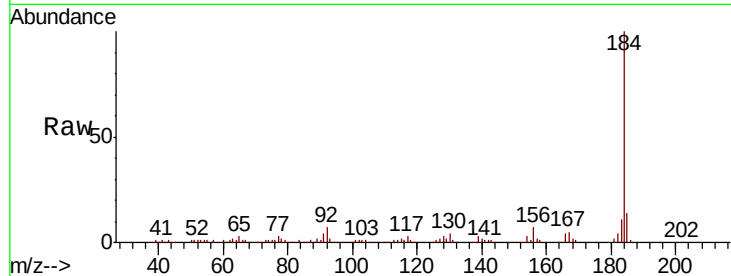
Tot Ion:184 Resp: 262615

Ion	Ratio	Lower	Upper
184	100		
185	14.0	13.4	20.2
183	11.1	9.1	13.7

184 100

185 14.0 13.4 20.2

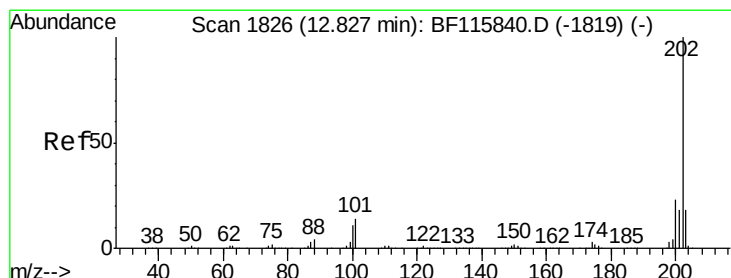
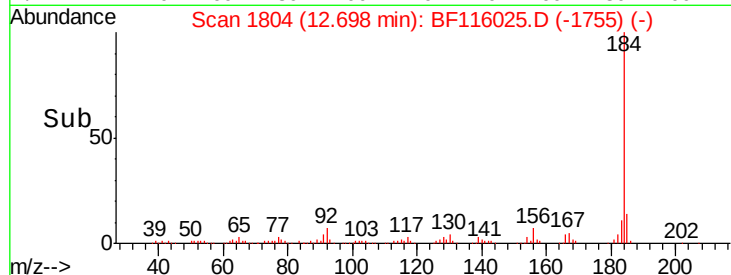
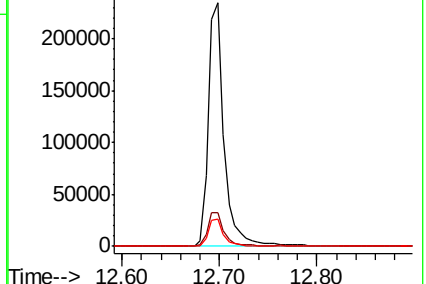
183 11.1 9.1 13.7



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 52.139 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.02 min

Lab File: BF116025.D

Acq: 6 Aug 2019 20:42

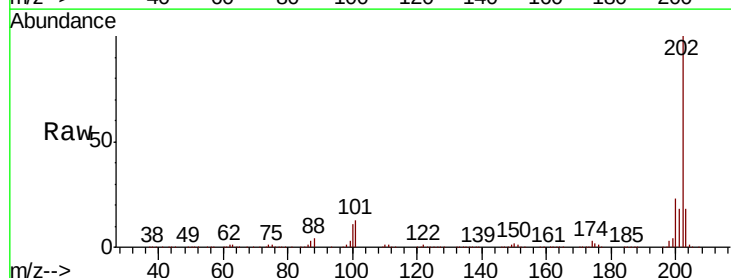
Tgt Ion:202 Resp: 1207757

Ion	Ratio	Lower	Upper
202	100		
200	22.6	18.2	27.2
203	17.9	14.3	21.5

202 100

200 22.6 18.2 27.2

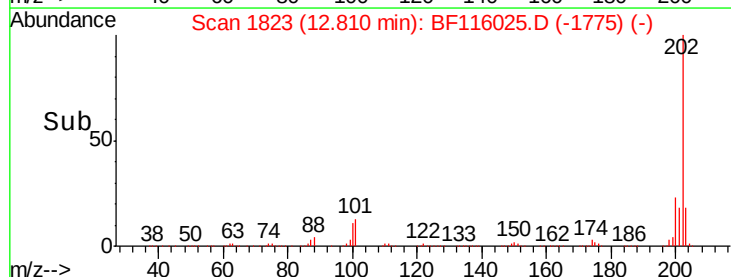
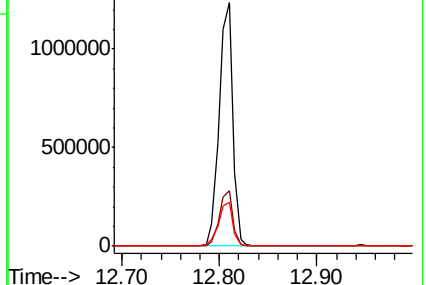
203 17.9 14.3 21.5

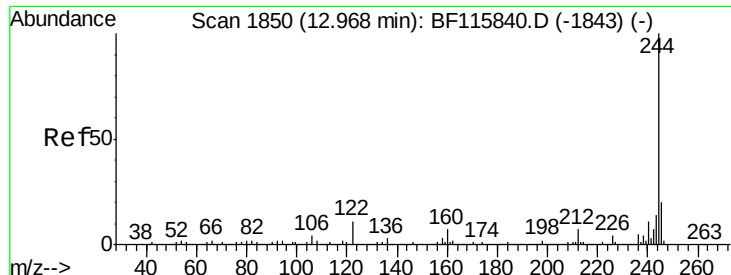


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 112.614 ng

RT: 12.95 min Scan# 1846

Delta R.T. -0.02 min

Lab File: BF116025.D

Acq: 6 Aug 2019 20:42

Instrument :

BNA_F

ClientSampleId :

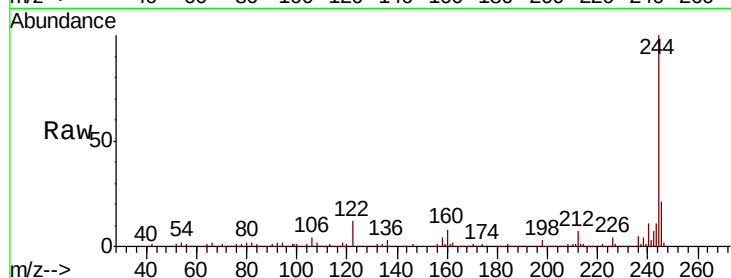
Tot Ion:244 Resp: 1642272

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

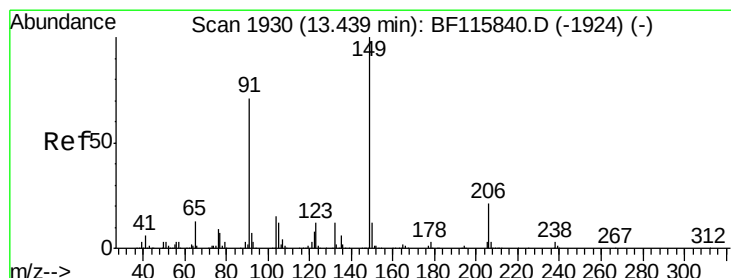
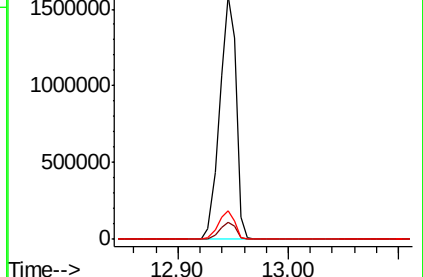
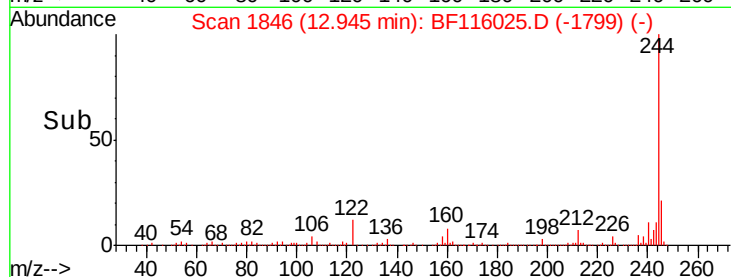
122 11.9 8.6 13.0



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: 54.490 ng

RT: 13.42 min Scan# 1926

Delta R.T. -0.02 min

Lab File: BF116025.D

Acq: 6 Aug 2019 20:42

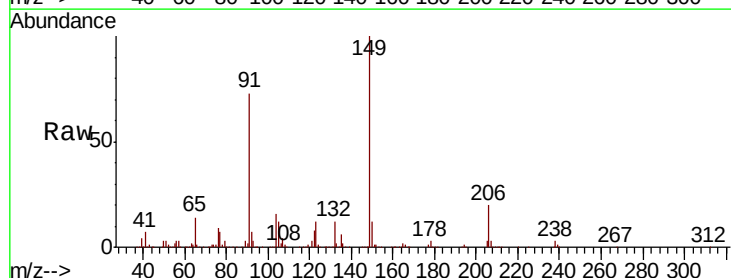
Tgt Ion:149 Resp: 533918

Ion Ratio Lower Upper

149 100

91 72.8 57.0 85.6

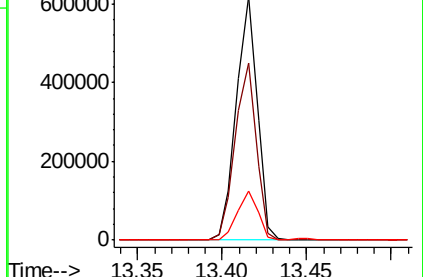
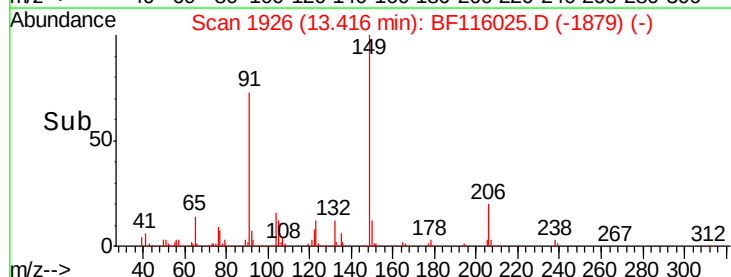
206 20.2 16.9 25.3

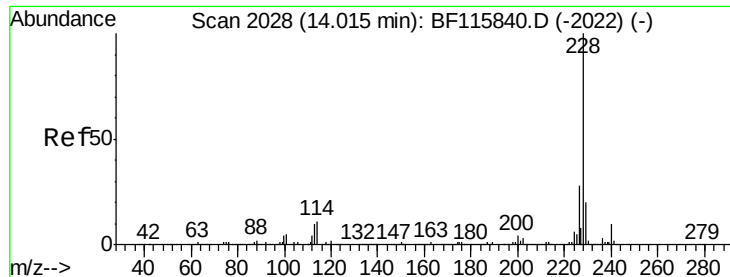


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 50.396 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.02 min

Lab File: BF116025.D

Acq: 6 Aug 2019 20:42

Instrument :

BNA_F

ClientSampled :

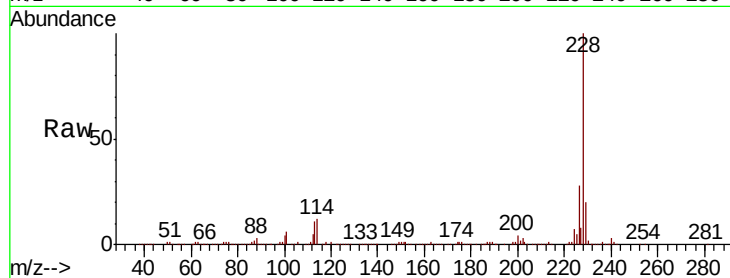
Tot Ion:228 Resp: 989837

Ion Ratio Lower Upper

228 100

226 28.0 22.5 33.7

229 20.1 16.1 24.1

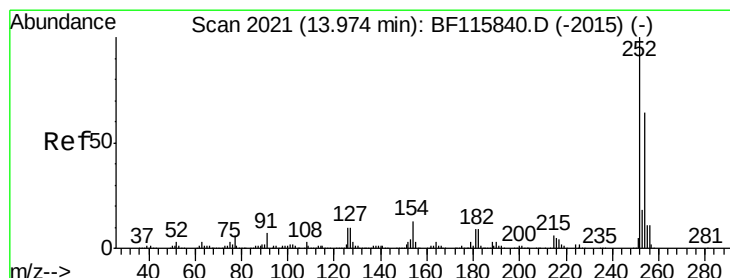
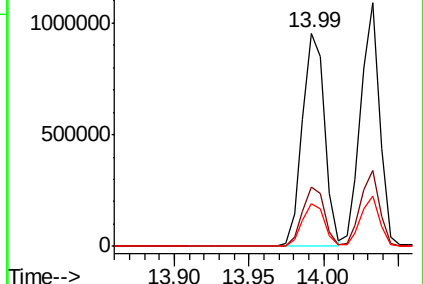
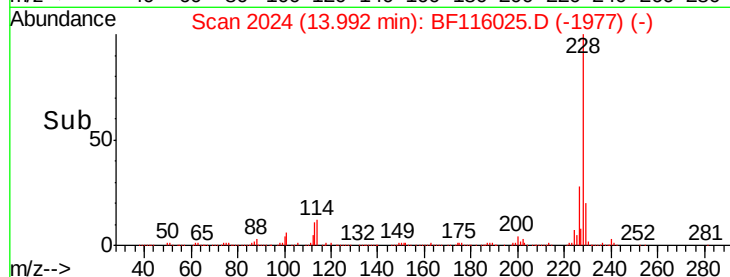


Abundance

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: 24.647 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.02 min

Lab File: BF116025.D

Acq: 6 Aug 2019 20:42

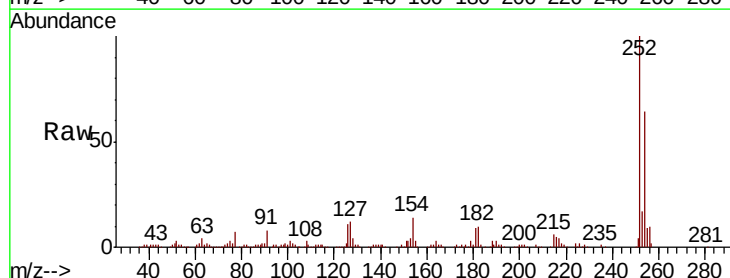
Tgt Ion:252 Resp: 168184

Ion Ratio Lower Upper

252 100

254 64.3 51.2 76.8

126 11.1 8.1 12.1

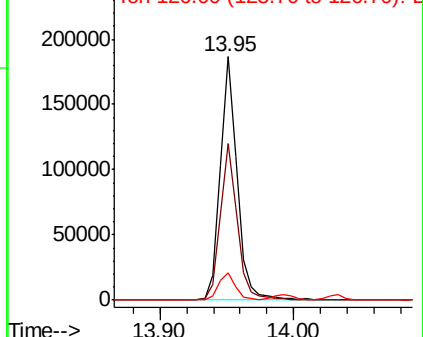
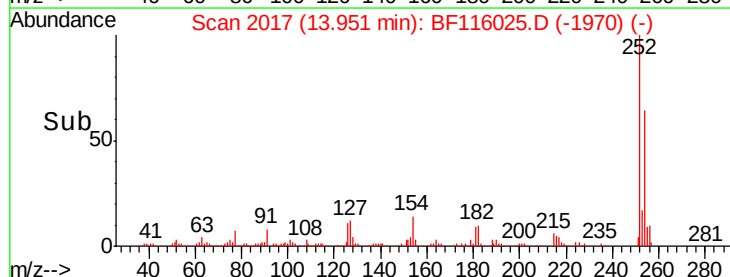


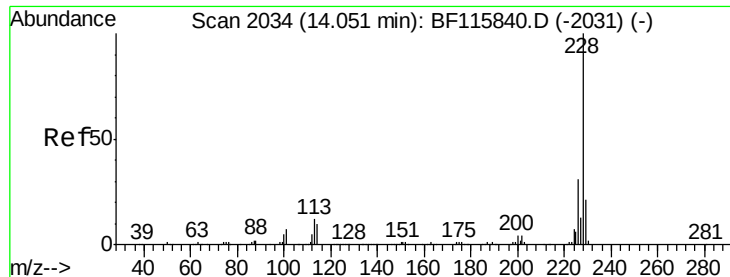
Abundance

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

Chrysene

Concen: 50.863 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.02 min

Lab File: BF116025.D

Acq: 6 Aug 2019 20:42

Instrument :

BNA_F

ClientSampled :

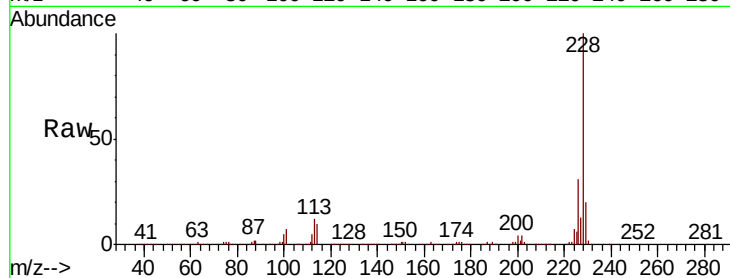
Tot Ion:228 Resp: 969880

Ion Ratio Lower Upper

228 100

226 31.3 24.8 37.2

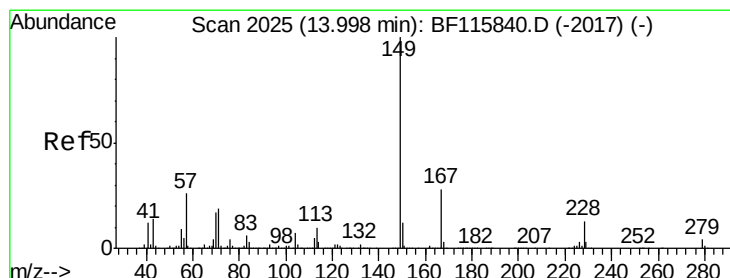
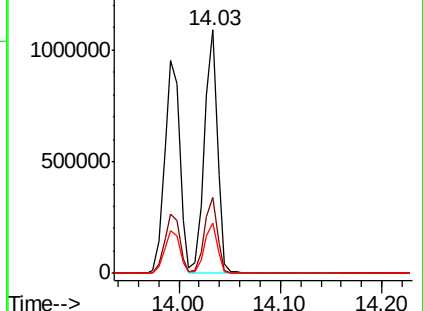
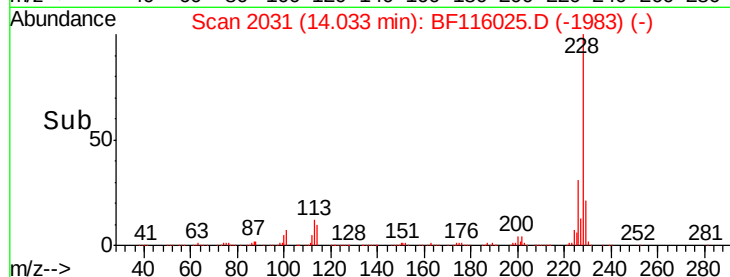
229 20.5 16.4 24.6



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.800 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.02 min

Lab File: BF116025.D

Acq: 6 Aug 2019 20:42

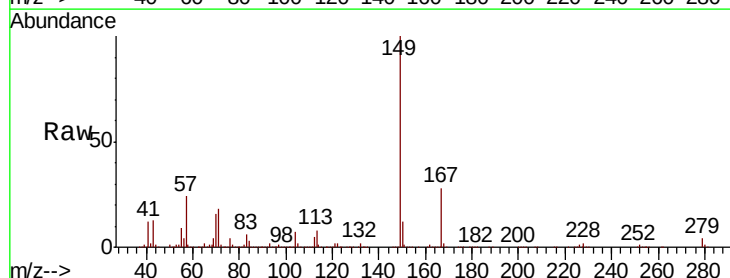
Tgt Ion:149 Resp: 723243

Ion Ratio Lower Upper

149 100

167 28.0 22.4 33.6

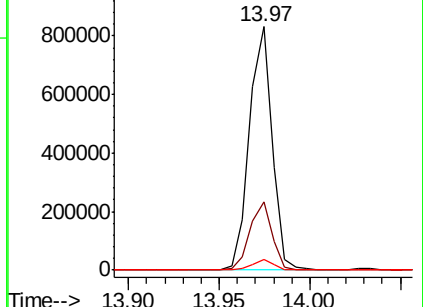
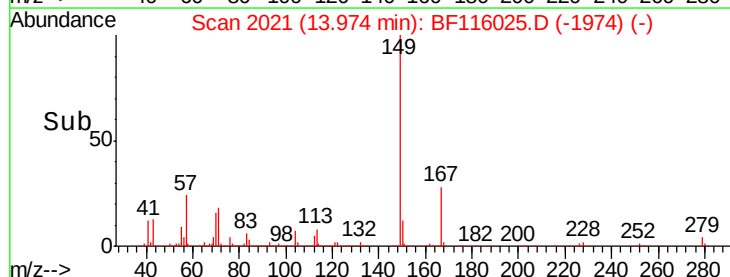
279 4.1 3.3 4.9

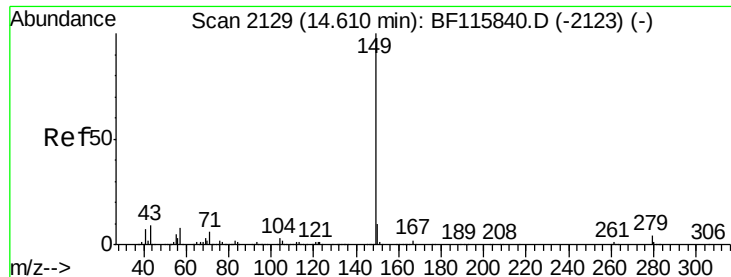


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 56.480 ng

RT: 14.58 min Scan# 2124

Delta R.T. -0.03 min

Lab File: BF116025.D

Acq: 6 Aug 2019 20:42

Instrument :

BNA_F

ClientSampleId :

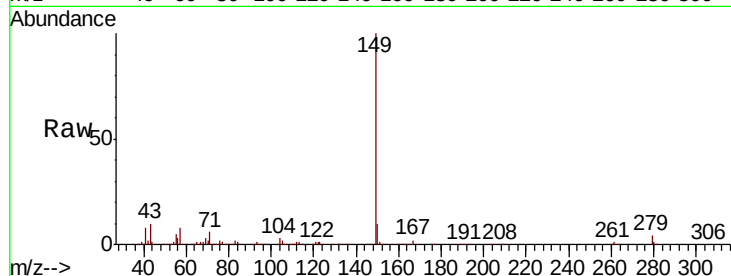
Tot Ion:149 Resp: 1142296

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

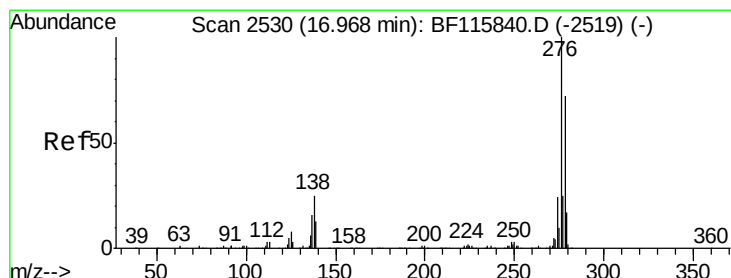
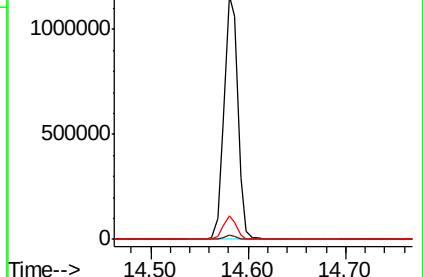
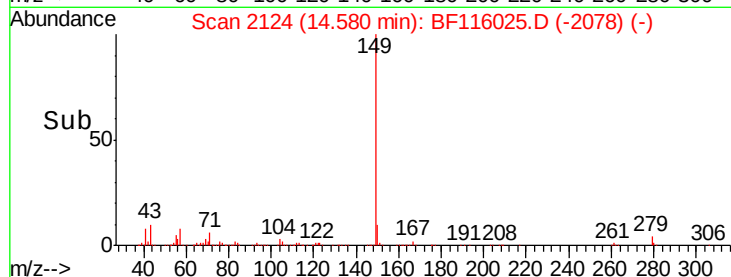
43 9.1 7.4 11.0



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: 69.871 ng

RT: 16.94 min Scan# 2526

Delta R.T. -0.02 min

Lab File: BF116025.D

Acq: 6 Aug 2019 20:42

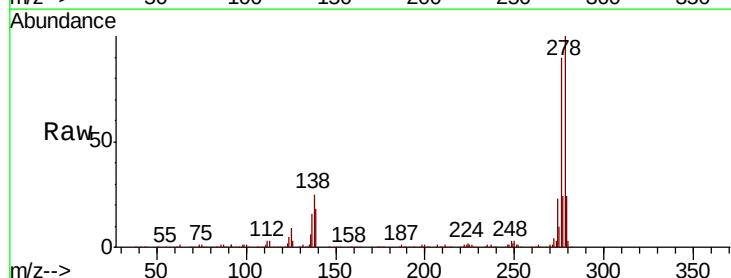
Tgt Ion:276 Resp: 1119011

Ion Ratio Lower Upper

276 100

138 25.4 19.6 29.4

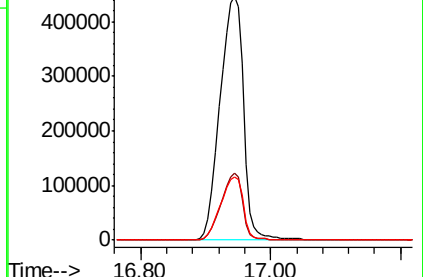
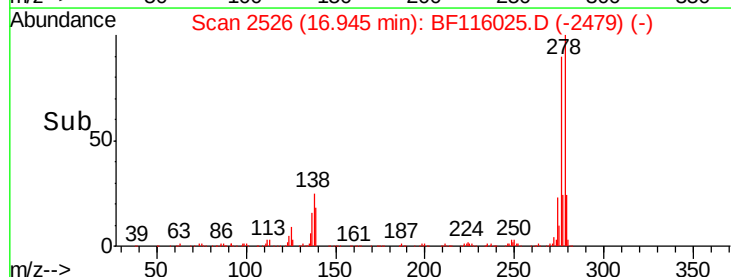
277 25.3 20.1 30.1

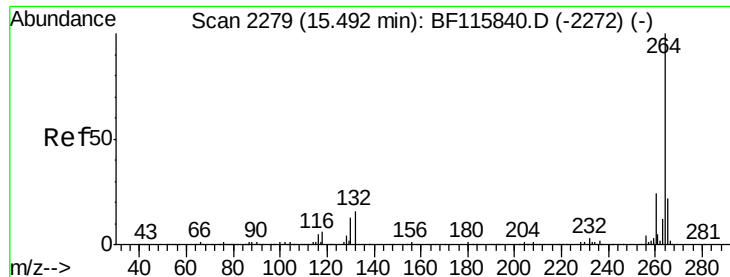


Abundance Ion 276.00 (275.70 to 276.70): E

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. -0.03 min

Lab File: BF116025.D

Acq: 6 Aug 2019 20:42

Instrument :

BNA_F

ClientSampleId :

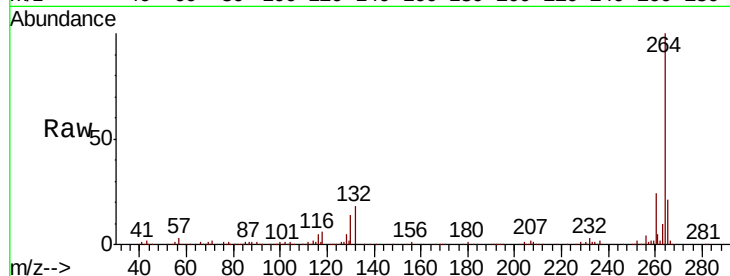
Tot Ion:264 Resp: 351073

Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.2

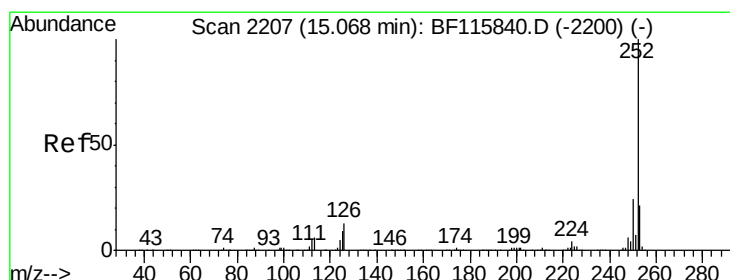
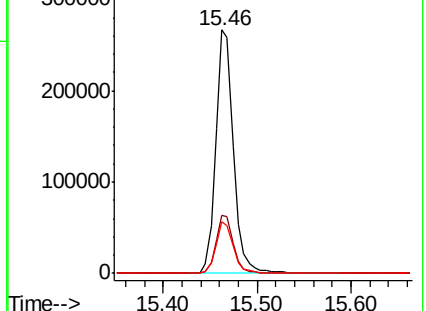
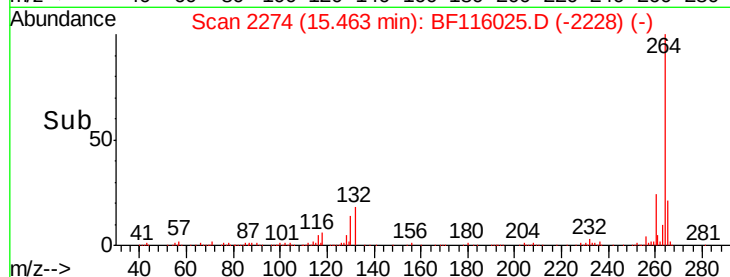
265 21.4 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 48.602 ng

RT: 15.04 min Scan# 2203

Delta R.T. -0.02 min

Lab File: BF116025.D

Acq: 6 Aug 2019 20:42

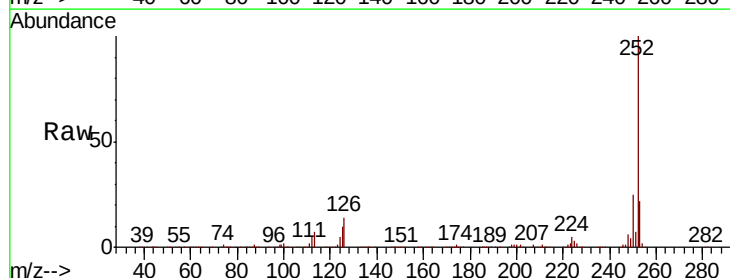
Tgt Ion:252 Resp: 986598

Ion Ratio Lower Upper

252 100

253 22.4 17.2 25.8

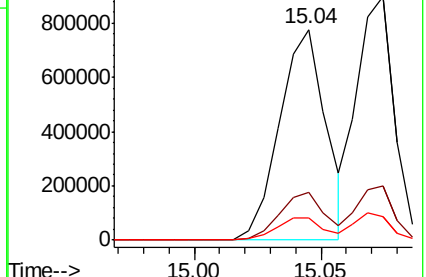
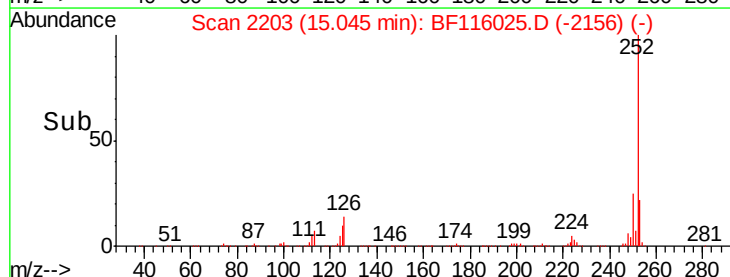
125 10.2 7.4 11.0

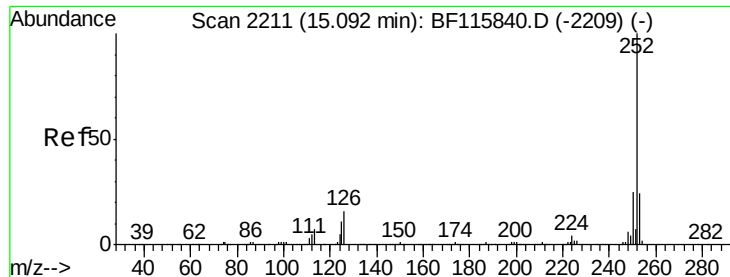


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

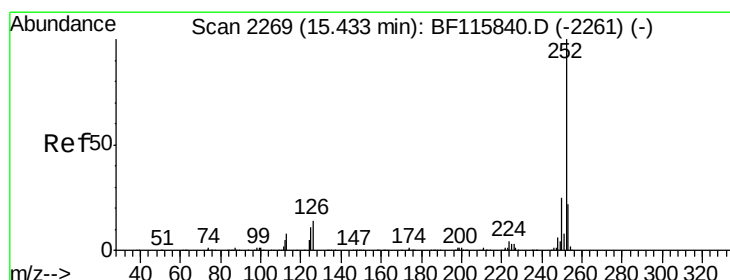
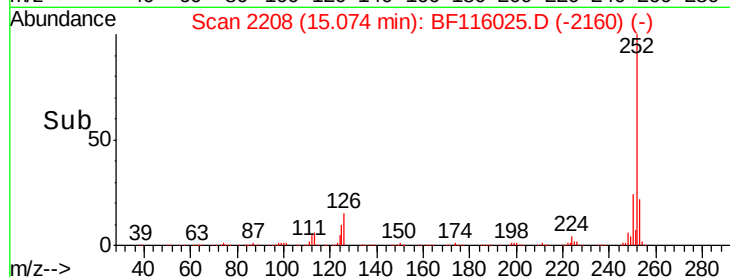
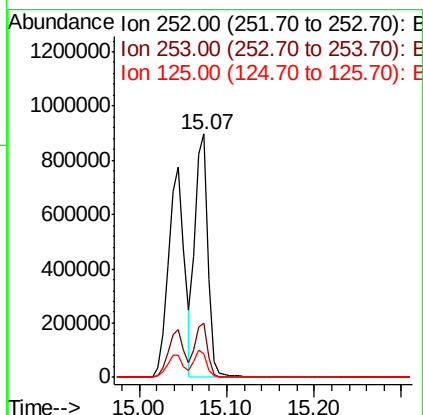
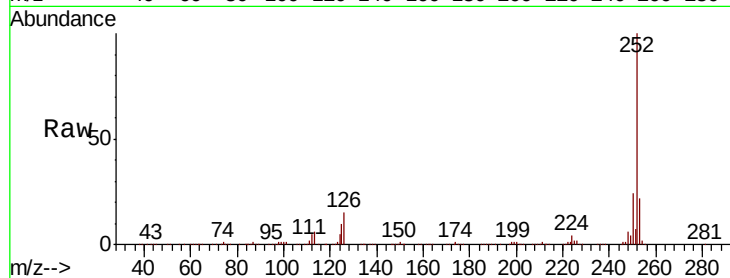




#89
Benzo(k)fluoranthene
Concen: 47.195 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.02 min
Lab File: BF116025.D
Acq: 6 Aug 2019 20:42

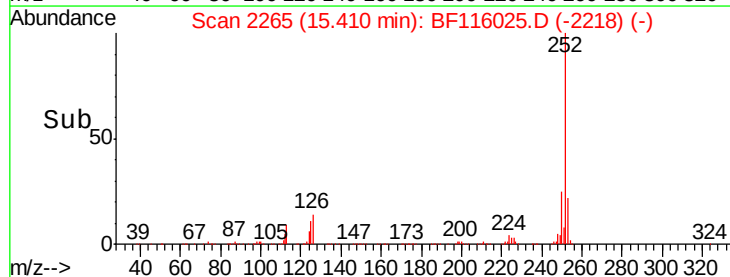
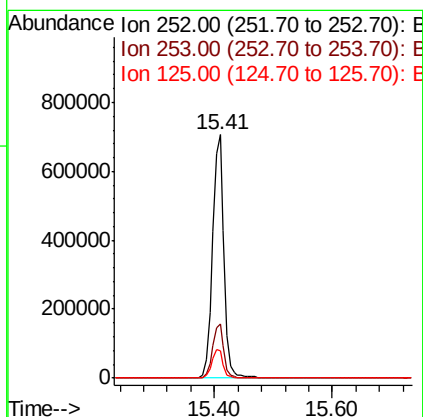
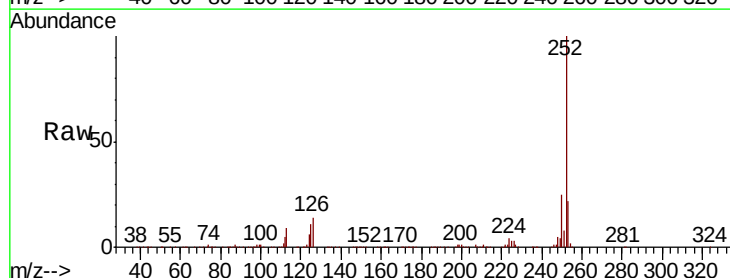
Instrument :
BNA_F
ClientSampled :

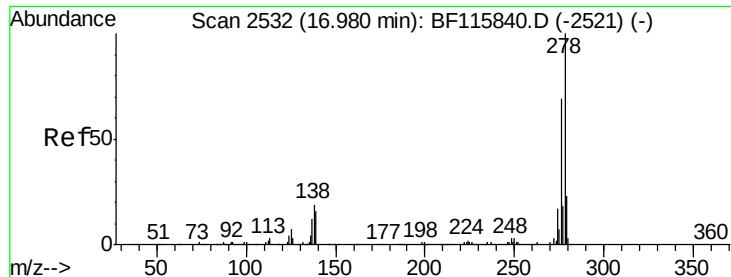
Tot Ion:252 Resp: 933144
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.4
125 9.7 8.9 13.3



#90
Benzo(a)pyrene
Concen: 52.332 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.02 min
Lab File: BF116025.D
Acq: 6 Aug 2019 20:42

Tgt Ion:252 Resp: 949629
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 11.4 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 60.121 ng

RT: 16.95 min Scan# 2527

Delta R.T. -0.03 min

Lab File: BF116025.D

Acq: 6 Aug 2019 20:42

Instrument :

BNA_F

ClientSampleId :

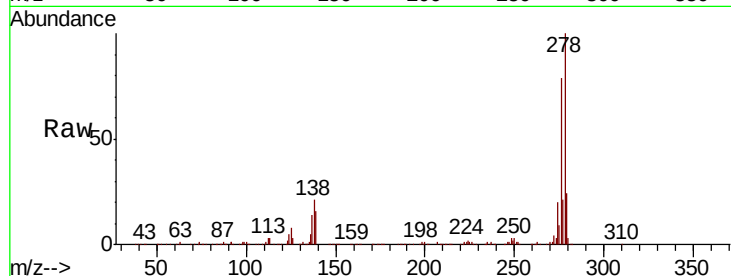
Tot Ion:278 Resp: 944348

Ion Ratio Lower Upper

278 100

139 16.4 12.6 19.0

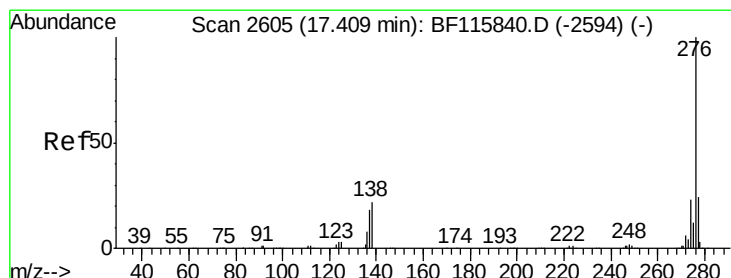
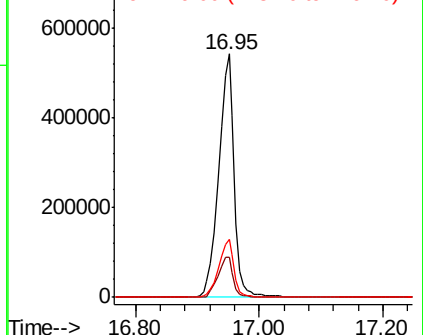
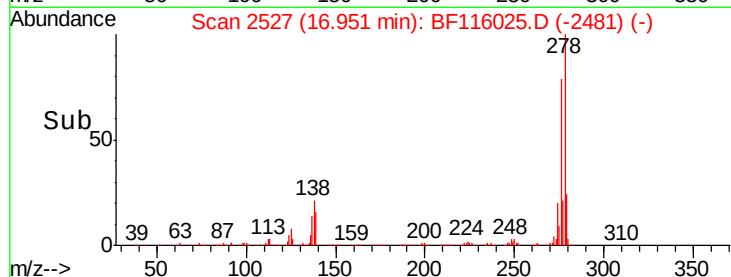
279 23.8 18.8 28.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 61.018 ng

RT: 17.38 min Scan# 2600

Delta R.T. -0.03 min

Lab File: BF116025.D

Acq: 6 Aug 2019 20:42

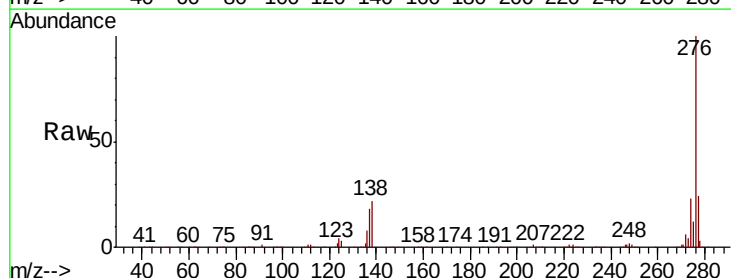
Tgt Ion:276 Resp: 941269

Ion Ratio Lower Upper

276 100

277 24.1 19.5 29.3

138 22.4 17.8 26.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

