

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
 Data File : BF108804.D
 Acq On : 6 Sep 2018 4:54
 Operator : JU/SJ
 Sample : J4782-04MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 06 08:20:43 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 05 18:03:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	235048	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	792737	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	315955	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	596871	20.00	ng	0.00
75) Chrysene-d12	13.87	240	500003	20.00	ng	0.00
86) Perylene-d12	15.27	264	423960	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	993575	70.03	ng	0.01
7) Phenol-d6	6.37	99	1246054	68.26	ng	0.00
23) Nitrobenzene-d5	7.30	82	724495	57.19	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	230214	76.32	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1136396	61.36	ng	0.00
78) Terphenyl-d14	12.82	244	1159507	54.08	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	156152	22.901	ng	93
3) Pyridine	3.15	79	437234	23.415	ng	91
4) n-Nitrosodimethylamine	3.08	42	199711	27.845	ng	91
6) Aniline	6.40	93	483620	19.697	ng	96
8) 2-Chlorophenol	6.52	128	395603	25.191	ng	98
9) Benzaldehyde	6.28	77	247739	19.129	ng	99
10) Phenol	6.38	94	534099	25.544	ng	99
11) bis(2-Chloroethyl)ether	6.47	93	406977	24.298	ng	98
12) 1,3-Dichlorobenzene	6.68	146	437519	24.414	ng	99
13) 1,4-Dichlorobenzene	6.75	146	440312	24.569	ng	98
14) 1,2-Dichlorobenzene	6.91	146	412040	24.943	ng	98
15) Benzyl Alcohol	6.87	79	344851	24.615	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	594680	23.752	ng	97
17) 2-Methylphenol	6.99	107	319735	24.092	ng	98
18) Hexachloroethane	7.25	117	118887	18.398	ng	96
19) n-Nitroso-di-n-propylamine	7.15	70	284362	22.410	ng	98
20) 3+4-Methylphenols	7.14	107	382159	24.581	ng	# 59
22) Acetophenone	7.14	105	529845	29.450	ng	# 93
24) Nitrobenzene	7.31	77	396922	29.203	ng	99
25) Isophorone	7.55	82	729584	28.875	ng	98
26) 2-Nitrophenol	7.63	139	101276	18.913	ng	100
27) 2,4-Dimethylphenol	7.67	122	328832	30.241	ng	98
28) bis(2-Chloroethoxy)methane	7.77	93	478300	28.313	ng	98
29) 2,4-Dichlorophenol	7.87	162	286859	25.584	ng	98
30) 1,2,4-Trichlorobenzene	7.96	180	314075	25.847	ng	96
31) Naphthalene	8.04	128	1047252	29.363	ng	99
32) Benzoic acid	7.76	122	18576	6.725	ng	93
33) 4-Chloroaniline	8.08	127	363936	22.218	ng	99
34) Hexachlorobutadiene	8.17	225	185819	25.598	ng	99
35) Caprolactam	8.43	113	83998	22.108	ng	# 86
36) 4-Chloro-3-methylphenol	8.57	107	280733	23.503	ng	98
37) 2-Methylnaphthalene	8.73	142	656917	27.880	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	281725	29.829	ng	97
40) Hexachlorocyclopentadiene	8.89	237	43835	9.226	ng	95

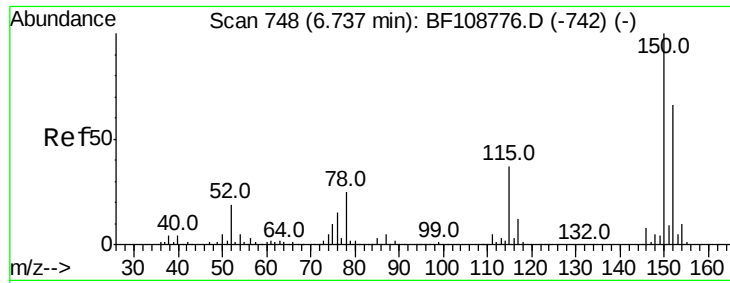
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 05 18:03:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	177099	27.529	nq	99
43) 2,4,5-Trichlorophenol	9.04	196	180634	27.088	nq	94
45) 1,1'-Biphenyl	9.19	154	739357	30.396	nq	98
46) 2-Chloronaphthalene	9.21	162	559428	28.437	nq	99
47) 2-Nitroaniline	9.30	65	172918	32.176	nq	92
48) Acenaphthylene	9.62	152	873207	29.779	nq	99
49) Dimethylphthalate	9.49	163	1041470	47.128	nq	99
50) 2,6-Dinitrotoluene	9.55	165	99678	23.671	nq	94
51) Acenaphthene	9.80	154	498591	27.477	nq	99
52) 3-Nitroaniline	9.71	138	160621	32.044	nq	91
53) 2,4-Dinitrophenol	9.81	184	671	9.682	nq #	1
54) Dibenzofuran	9.97	168	740581	27.999	nq	99
55) 4-Nitrophenol	9.87	139	201294	53.717	nq	95
56) 2,4-Dinitrotoluene	9.94	165	108841	20.211	nq #	91
57) Fluorene	10.31	166	541214	31.885	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.09	232	149738	27.845	nq	87
59) Diethylphthalate	10.19	149	612716	26.867	nq	97
60) 4-Chlorophenyl-phenylether	10.31	204	256240	28.266	nq	93
61) 4-Nitroaniline	10.31	138	152922	33.676	nq	98
62) Azobenzene	10.47	77	619254	26.306	nq	95
64) 4,6-Dinitro-2-methylphenol	10.35	198	1137	7.284	nq	89
65) n-Nitrosodiphenylamine	10.42	169	520315	26.219	nq	96
66) 4-Bromophenyl-phenylether	10.80	248	168574	25.006	nq #	85
67) Hexachlorobenzene	10.86	284	180626	25.099	nq	93
68) Atrazine	10.95	200	153171	24.111	nq	95
69) Pentachlorophenol	11.05	266	192305	43.708	nq	99
70) Phenanthrene	11.27	178	851230	29.864	nq	99
71) Anthracene	11.32	178	874230	32.034	nq	100
72) Carbazole	11.47	167	823284	28.646	nq	99
73) Di-n-butylphthalate	11.81	149	951674	29.818	nq	99
74) Fluoranthene	12.45	202	972632	34.465	nq	100
76) Benzidine	12.57	184	532017	22.450	nq	98
77) Pyrene	12.68	202	994844	25.857	nq	99
79) Butylbenzylphthalate	13.30	149	458523	26.464	nq	94
80) Benzo(a)anthracene	13.86	228	861878	26.893	nq	99
81) 3,3'-Dichlorobenzidine	13.82	252	316839	25.375	nq #	97
82) Chrysene	13.89	228	817861	26.361	nq	100
83) Bis(2-ethylhexyl)phthalate	13.87	149	611020	28.062	nq	98
84) Di-n-octyl phthalate	14.48	149	1081237	29.785	nq	100
85) Indeno(1,2,3-cd)pyrene	16.62	276	604292	22.009	nq	96
87) Benzo(b)fluoranthene	14.88	252	705424	30.600	nq	98
88) Benzo(k)fluoranthene	14.90	252	602344	28.373	nq	99
89) Benzo(a)pyrene	15.21	252	594921	28.601	nq	99
90) Dibenzo(a,h)anthracene	16.64	278	508743	27.756	nq	98
91) Benzo(g,h,i)perylene	17.03	276	498129	27.143	nq	96

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

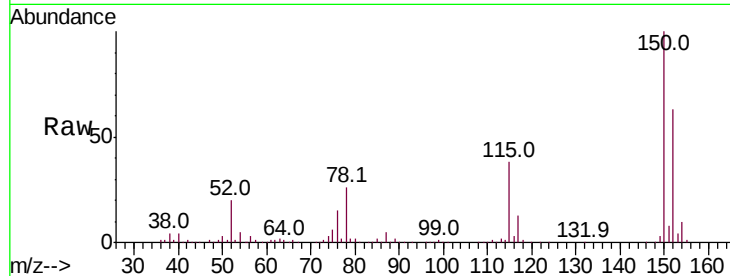


#1

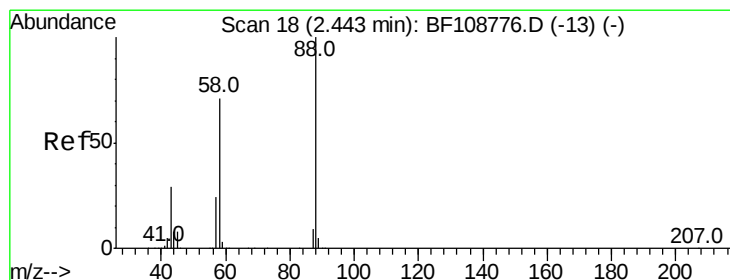
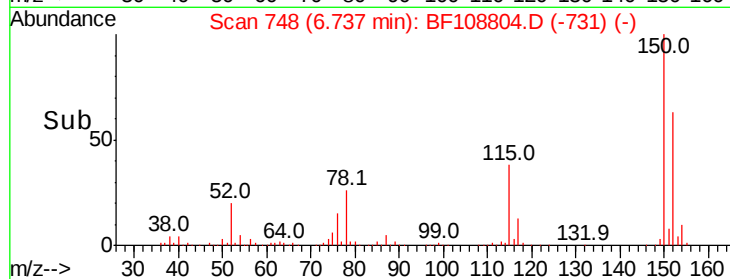
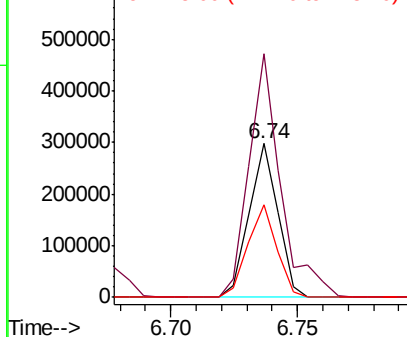
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108804.D
Acq: 6 Sep 2018 4:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 235048
Ion Ratio Lower Upper
152 100
150 158.3 124.6 186.8
115 60.6 50.1 75.1



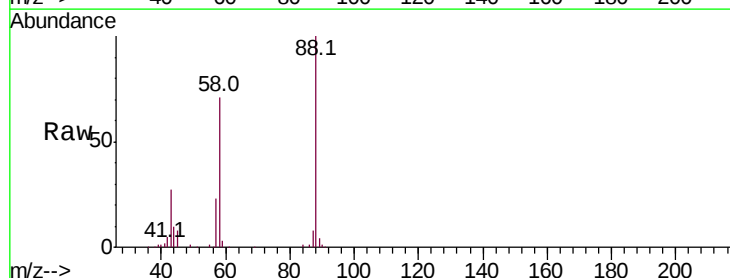
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



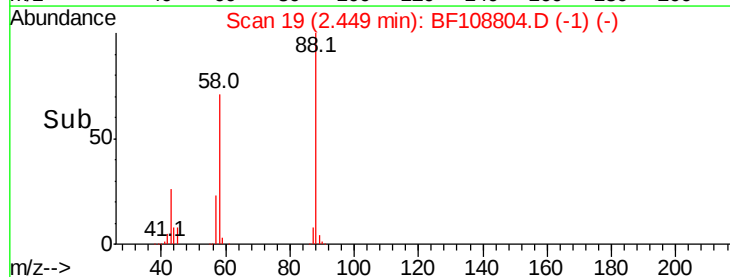
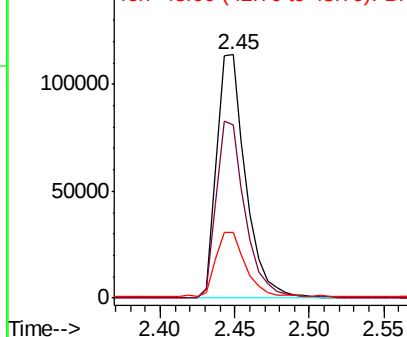
#2

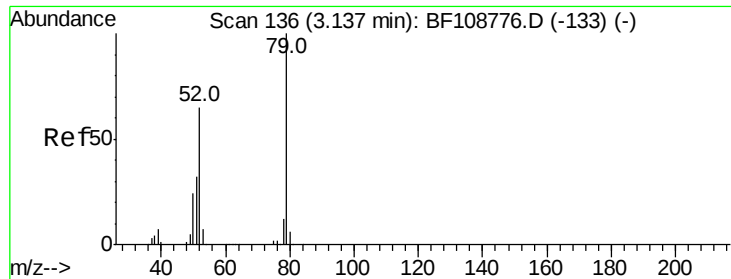
1,4-Dioxane
Concen: 22.901 ng
RT: 2.45 min Scan# 19
Delta R.T. 0.01 min
Lab File: BF108804.D
Acq: 6 Sep 2018 4:54

Tgt Ion: 88 Resp: 156152
Ion Ratio Lower Upper
88 100
58 72.2 62.6 93.8
43 27.3 24.6 37.0



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

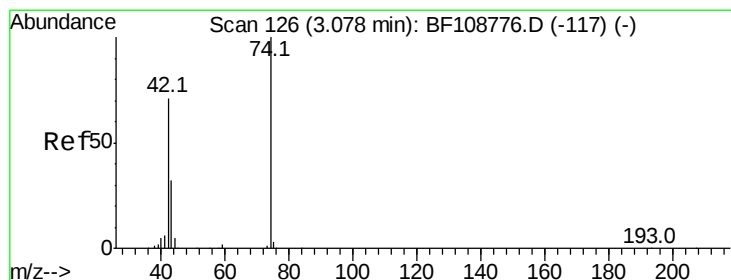
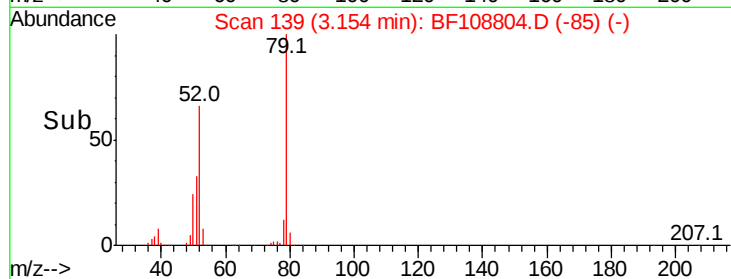
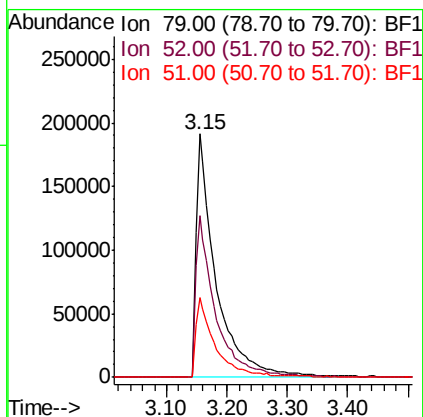
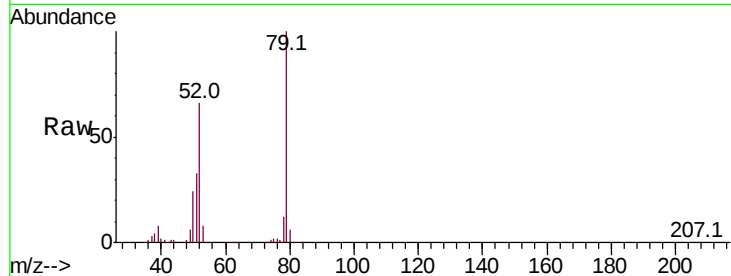




#3
 Pvridine
 Concen: 23.415 ng
 RT: 3.15 min Scan# 139
 Delta R.T. 0.02 min
 Lab File: BF108804.D
 Acq: 6 Sep 2018 4:54

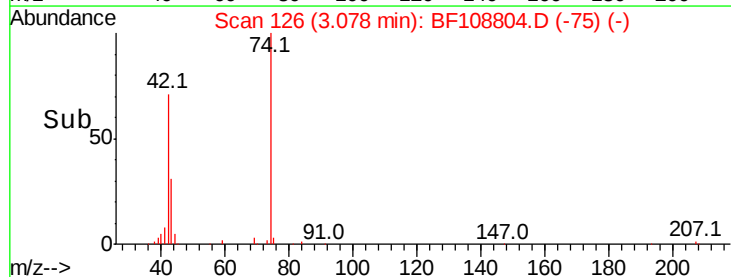
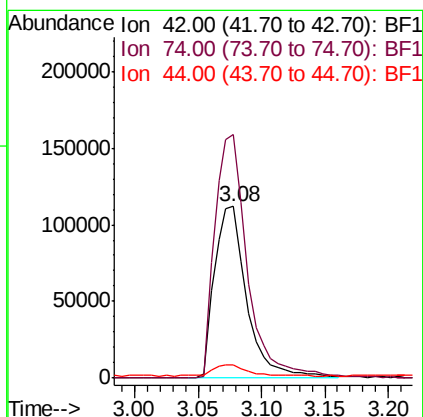
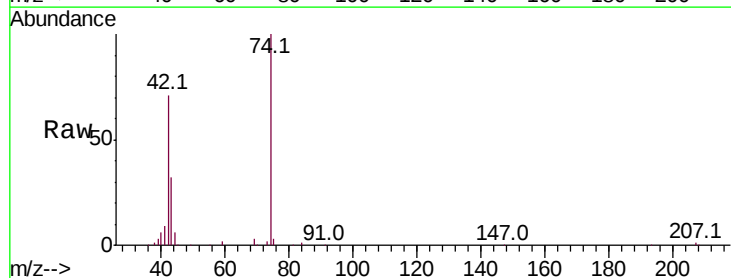
Instrument :
 BNA_F
 ClientSampled :

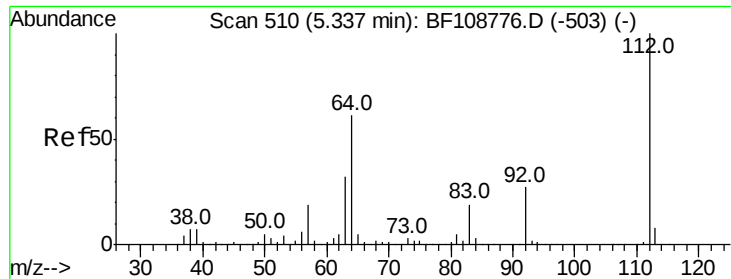
Tot Ion: 79 Resp: 437234
 Ion Ratio Lower Upper
 79 100
 52 66.5 59.8 89.6
 51 32.8 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 27.845 ng
 RT: 3.08 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: BF108804.D
 Acq: 6 Sep 2018 4:54

Tgt Ion: 42 Resp: 199711
 Ion Ratio Lower Upper
 42 100
 74 141.8 104.9 157.3
 44 8.1 6.9 10.3





#5

2-Fluorophenol

Concen: 70.029 ng

RT: 5.35 min Scan# 512

Delta R.T. 0.01 min

Lab File: BF108804.D

Acq: 6 Sep 2018 4:54

Instrument :

BNA_F

ClientSampleId :

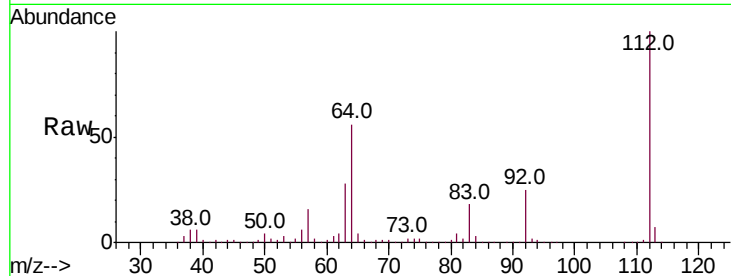
Tot Ion:112 Resp: 993575

Ion Ratio Lower Upper

112 100

64 55.8 47.9 71.9

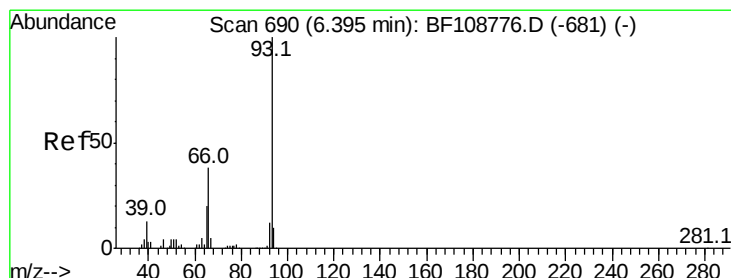
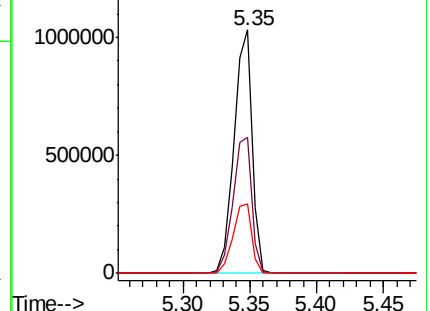
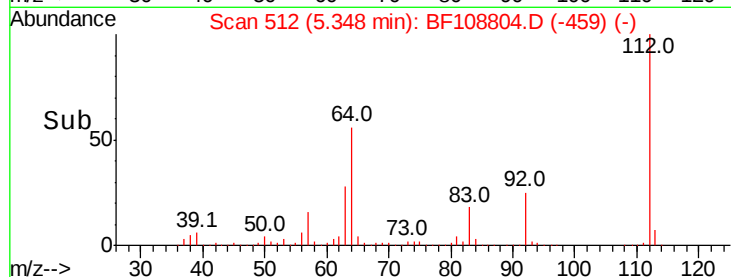
63 28.5 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 19.697 ng

RT: 6.40 min Scan# 690

Delta R.T. -0.00 min

Lab File: BF108804.D

Acq: 6 Sep 2018 4:54

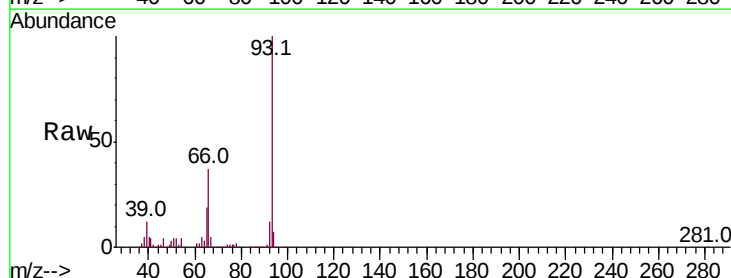
Tgt Ion: 93 Resp: 483620

Ion Ratio Lower Upper

93 100

66 37.4 32.2 48.2

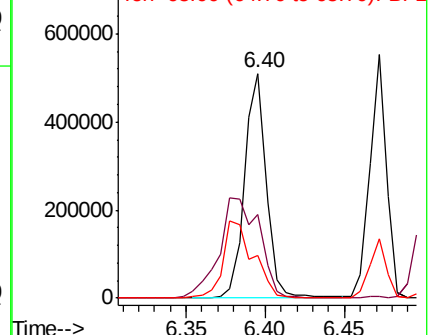
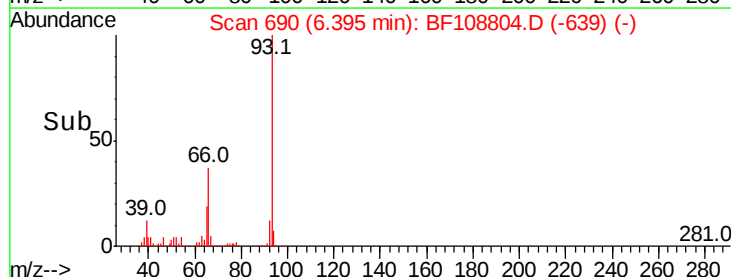
65 19.2 16.4 24.6

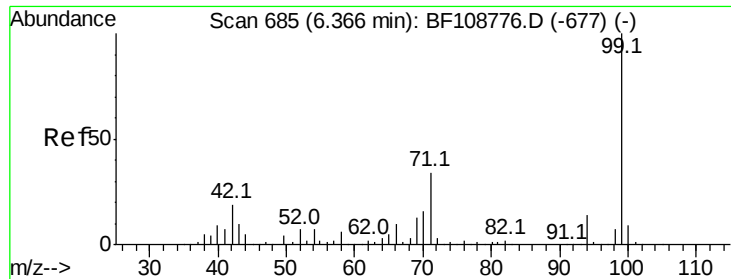


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 68.258 ng

RT: 6.37 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF108804.D

Acq: 6 Sep 2018 4:54

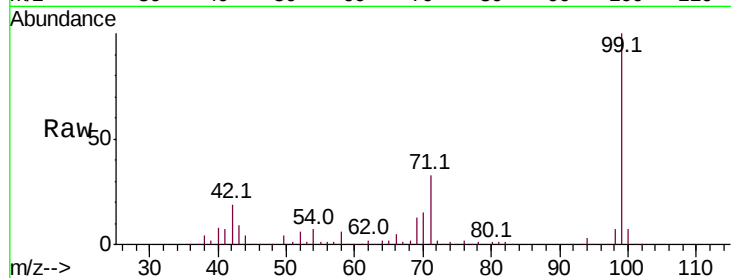
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1246054

Ion	Ratio	Lower	Upper
99	100		
42	18.7	14.5	21.7
71	33.0	25.4	38.0

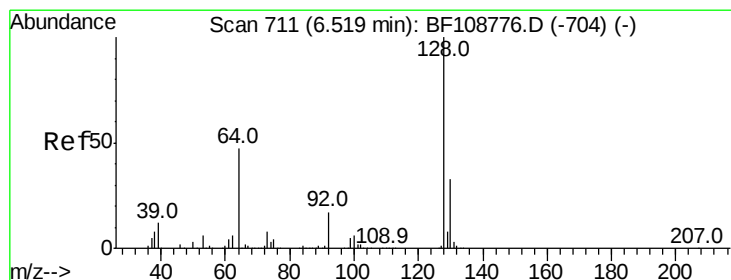
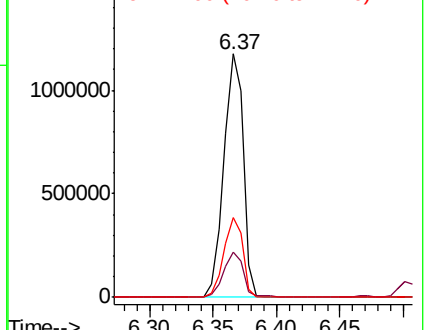
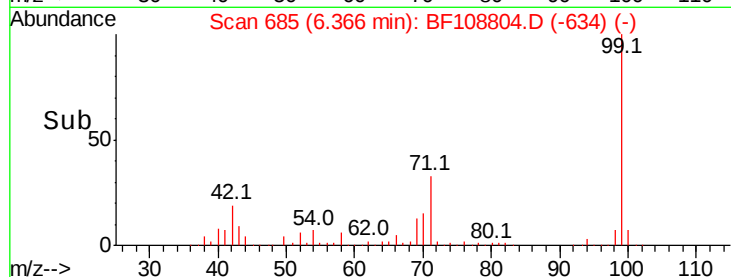


Abundance

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: 25.191 ng

RT: 6.52 min Scan# 711

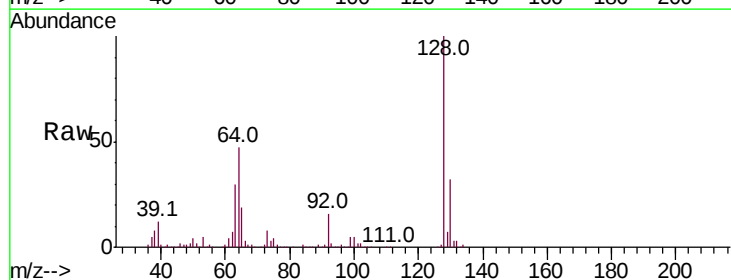
Delta R.T. -0.00 min

Lab File: BF108804.D

Acq: 6 Sep 2018 4:54

Tgt Ion: 128 Resp: 395603

Ion	Ratio	Lower	Upper
128	100		
130	32.2	13.0	53.0
64	47.4	29.4	69.4

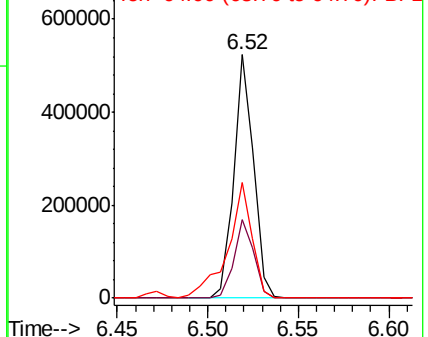
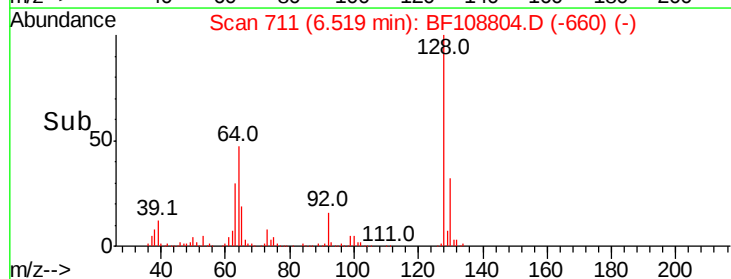


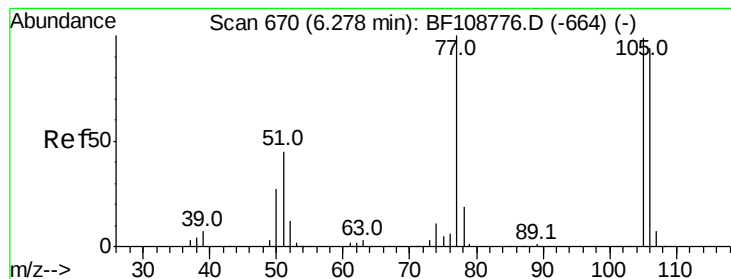
Abundance

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: 19.129 ng

RT: 6.28 min Scan# 670

Delta R.T. -0.00 min

Lab File: BF108804.D

Acq: 6 Sep 2018 4:54

Instrument :

BNA_F

ClientSampleId :

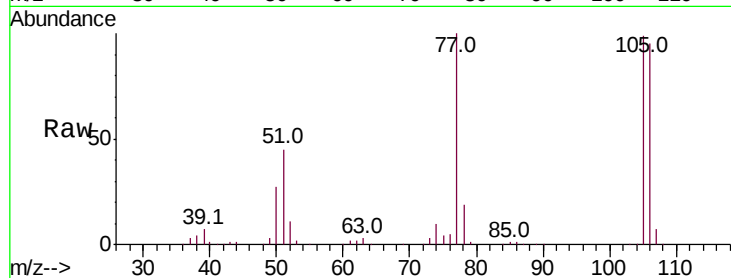
Tot Ion: 77 Resp: 247739

Ion Ratio Lower Upper

77 100

105 98.6 81.1 121.1

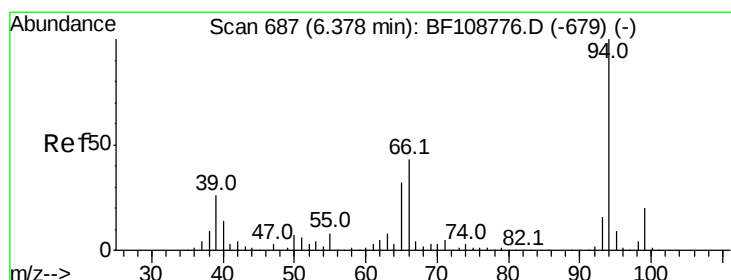
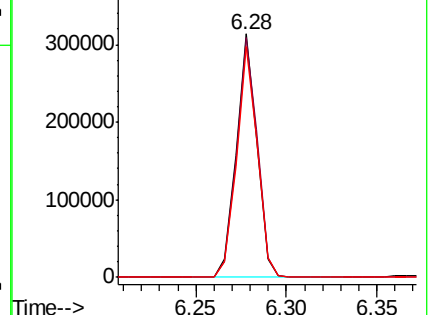
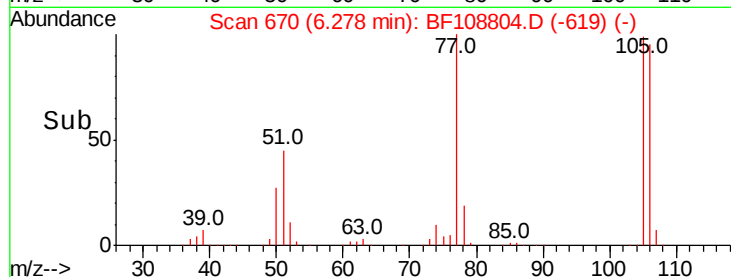
106 94.6 74.5 114.5



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: 25.544 ng

RT: 6.38 min Scan# 687

Delta R.T. -0.00 min

Lab File: BF108804.D

Acq: 6 Sep 2018 4:54

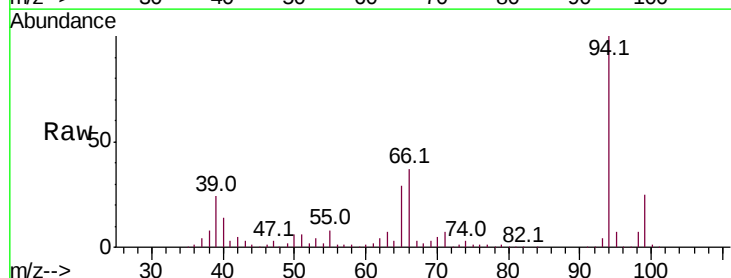
Tgt Ion: 94 Resp: 534099

Ion Ratio Lower Upper

94 100

65 28.7 7.9 47.9

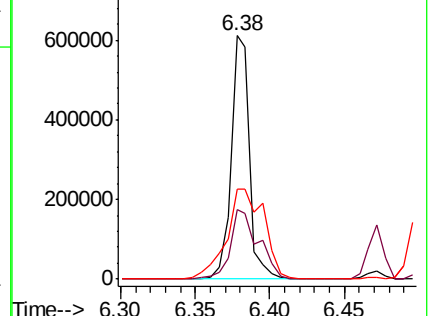
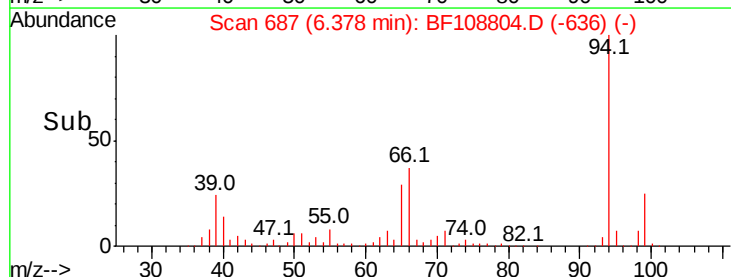
66 37.0 16.2 56.2

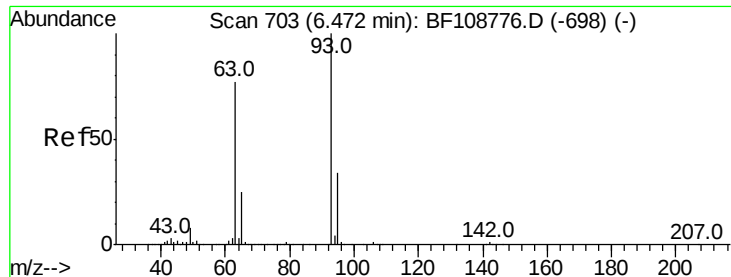


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

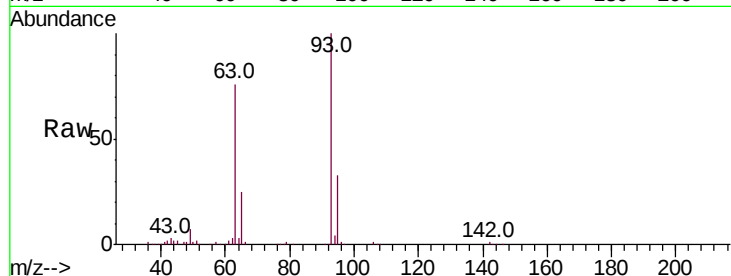




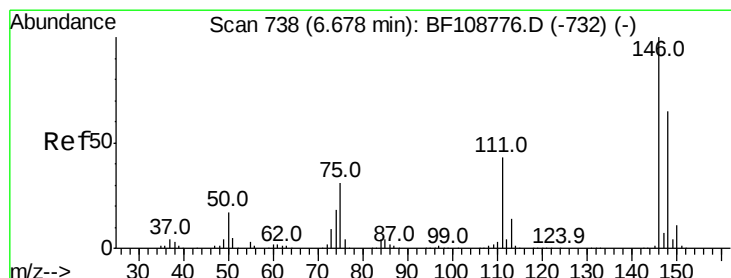
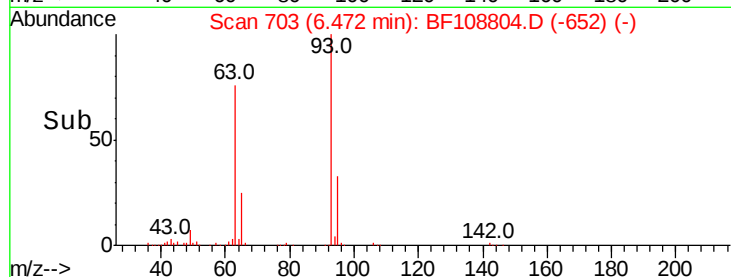
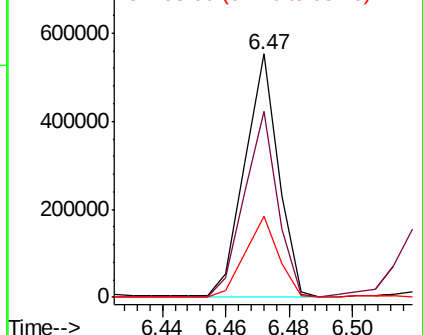
#11
bis(2-Chloroethyl)ether
Concen: 24.298 ng
RT: 6.47 min Scan# 703
Delta R.T. -0.00 min
Lab File: BF108804.D
Acq: 6 Sep 2018 4:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 406977
Ion Ratio Lower Upper
93 100
63 76.4 58.6 98.6
95 33.1 11.8 51.8

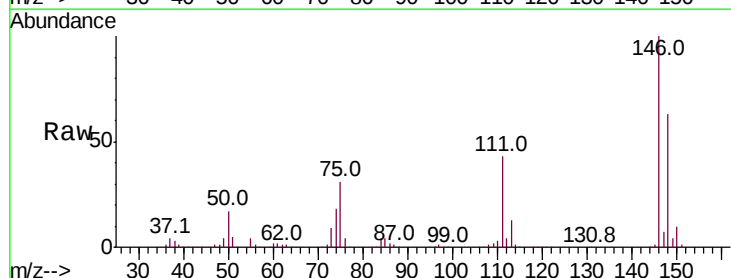


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

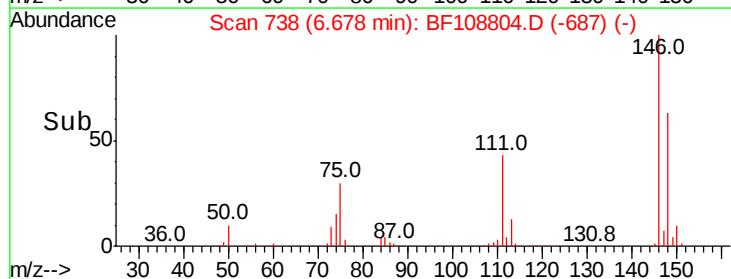
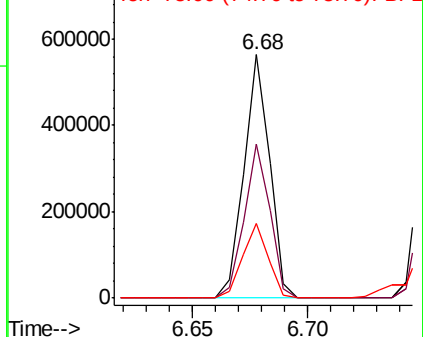


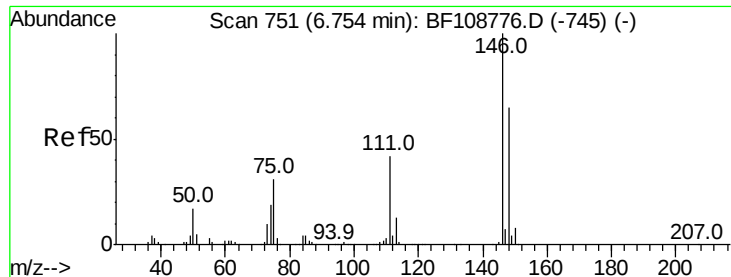
#12
1,3-Dichlorobenzene
Concen: 24.414 ng
RT: 6.68 min Scan# 738
Delta R.T. -0.00 min
Lab File: BF108804.D
Acq: 6 Sep 2018 4:54

Tgt Ion: 146 Resp: 437519
Ion Ratio Lower Upper
146 100
148 63.5 51.8 77.8
75 30.8 24.2 36.4



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

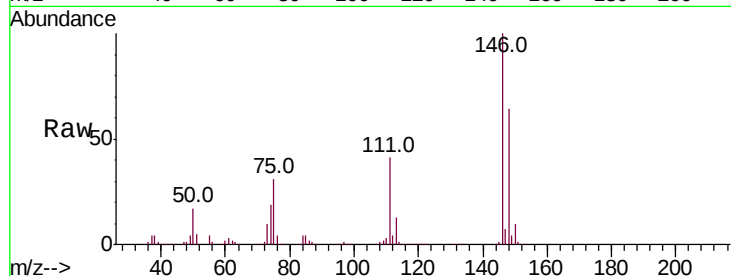




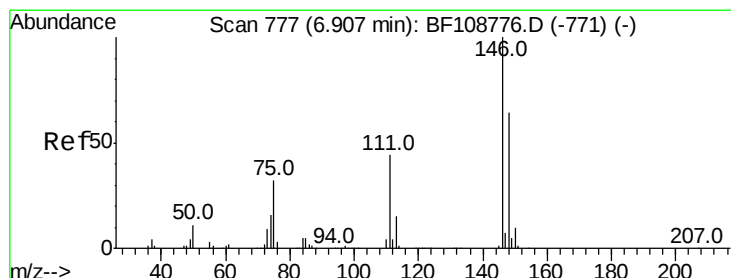
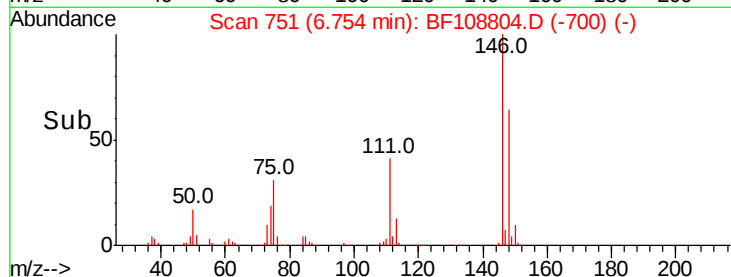
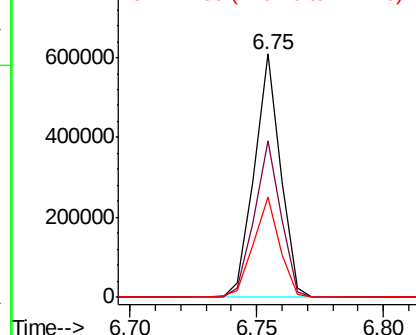
#13
 1,4-Dichlorobenzene
 Concen: 24.569 ng
 RT: 6.75 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: BF108804.D
 Acq: 6 Sep 2018 4:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 440312
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.8 76.2
 111 40.9 34.2 51.2

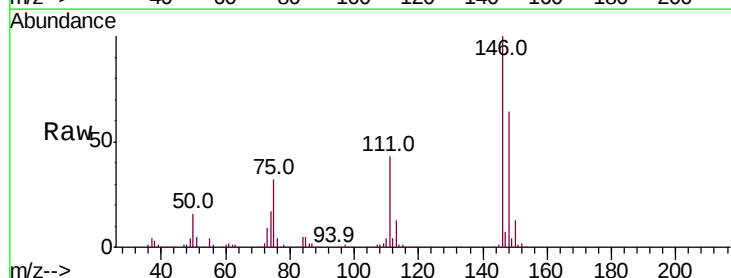


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

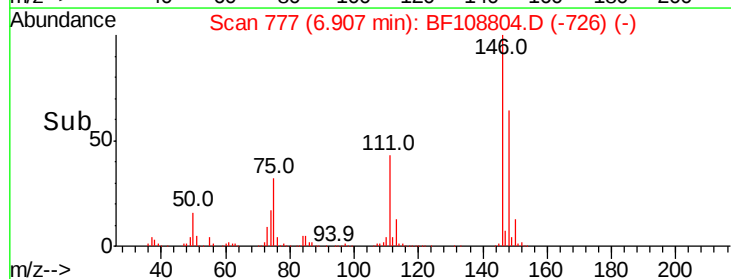
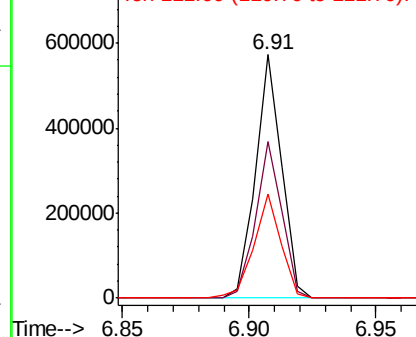


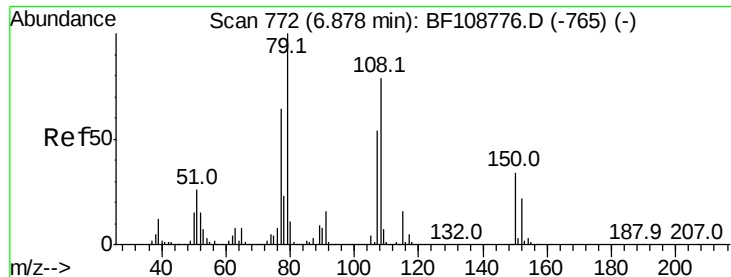
#14
 1,2-Dichlorobenzene
 Concen: 24.943 ng
 RT: 6.91 min Scan# 777
 Delta R.T. -0.00 min
 Lab File: BF108804.D
 Acq: 6 Sep 2018 4:54

Tgt Ion:146 Resp: 412040
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.6 75.8
 111 43.0 36.0 54.0



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 24.615 ng

RT: 6.87 min Scan# 771

Delta R.T. -0.01 min

Lab File: BF108804.D

Acq: 6 Sep 2018 4:54

Instrument :

BNA_F

ClientSampleId :

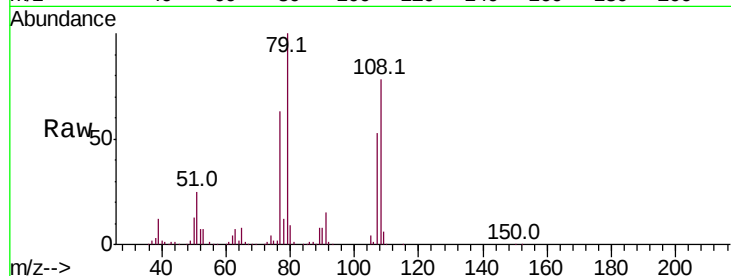
Tot Ion: 79 Resp: 344851

Ion Ratio Lower Upper

79 100

108 77.9 65.1 97.7

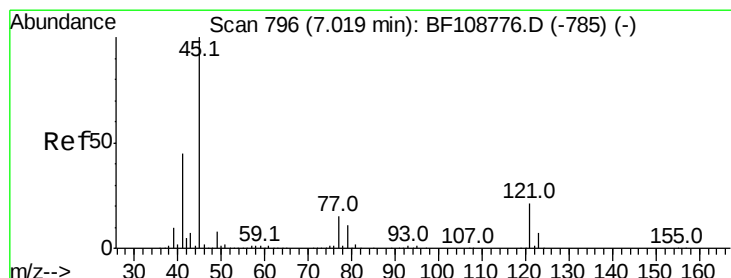
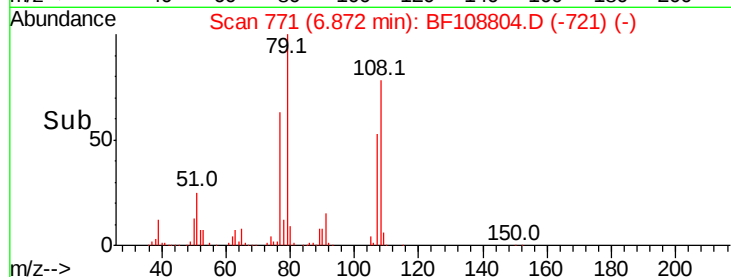
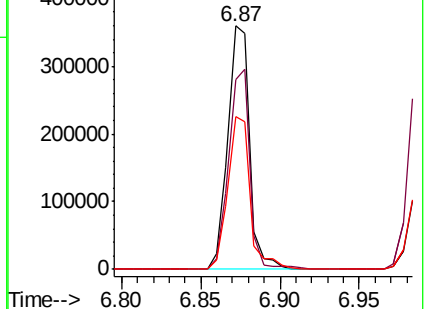
77 62.7 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 23.752 ng

RT: 7.02 min Scan# 796

Delta R.T. -0.00 min

Lab File: BF108804.D

Acq: 6 Sep 2018 4:54

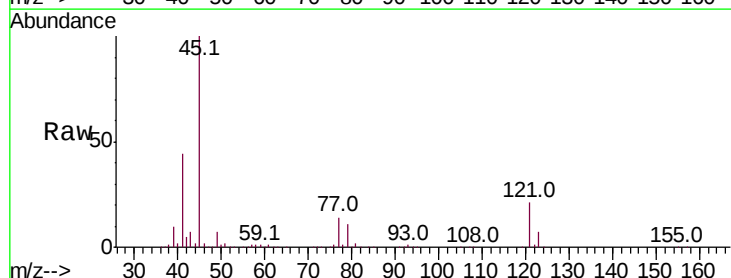
Tgt Ion: 45 Resp: 594680

Ion Ratio Lower Upper

45 100

77 14.3 0.0 32.9

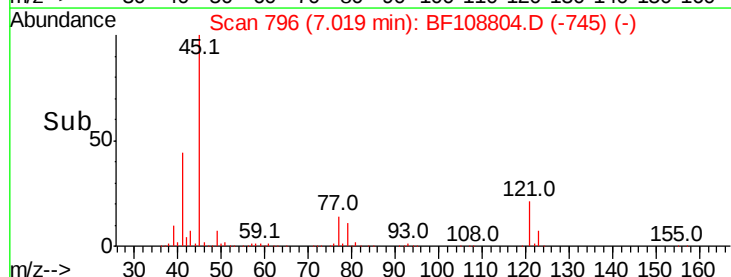
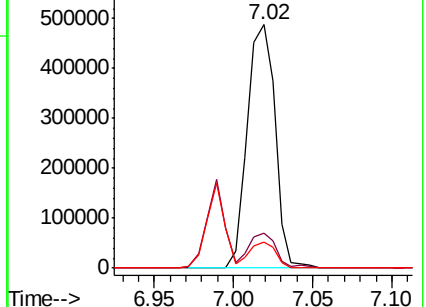
79 10.8 0.0 29.6

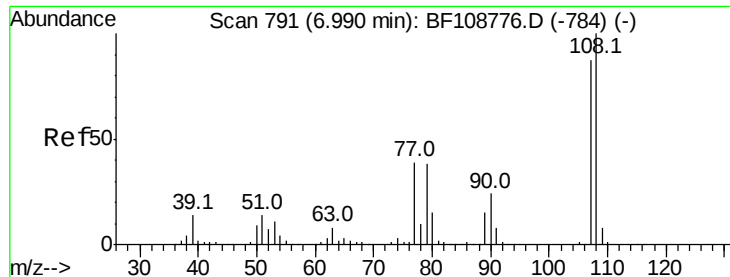


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

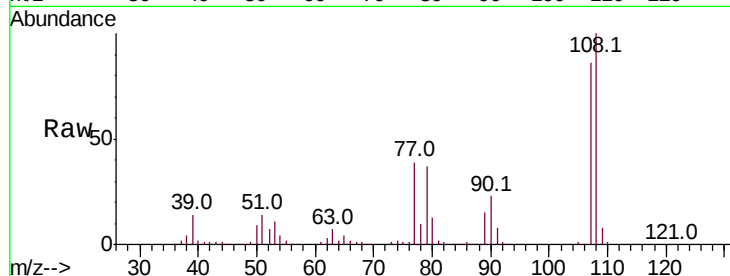




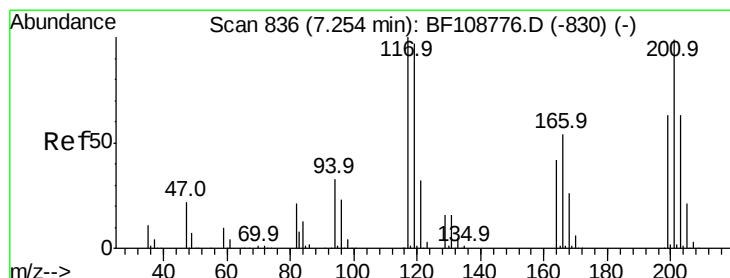
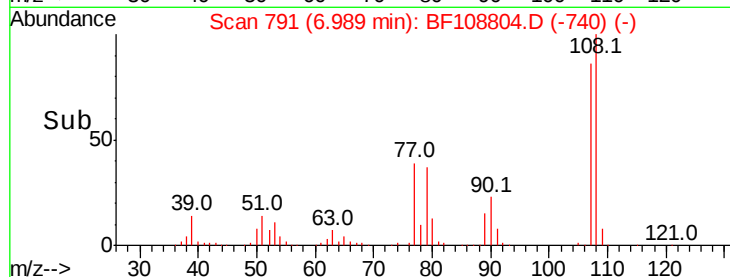
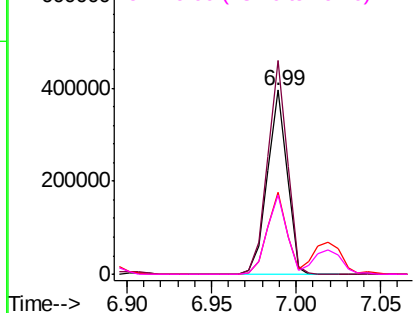
#17
2-Methylphenol
Concen: 24.092 ng
RT: 6.99 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF108804.D
Acq: 6 Sep 2018 4:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	116.2	91.7	137.5
77	44.8	33.8	50.8
79	42.9	33.8	50.8

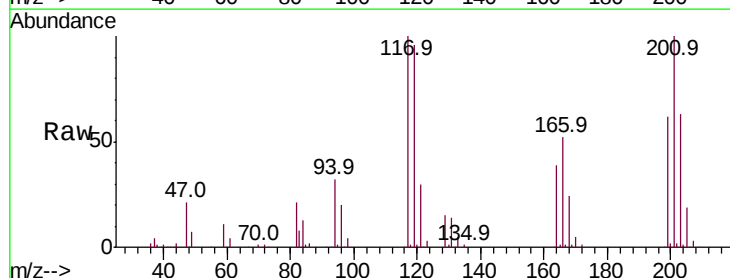


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

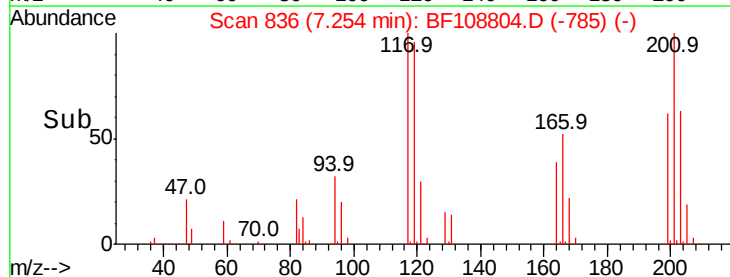
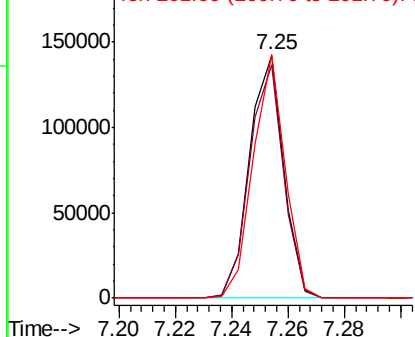


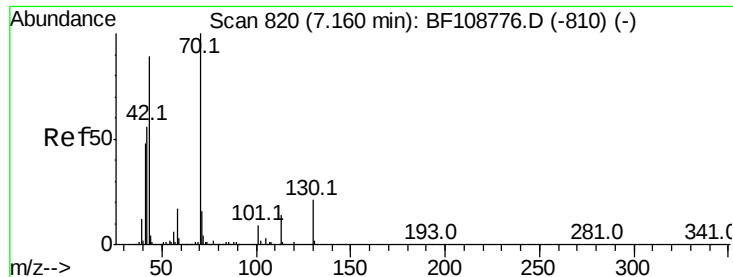
#18
Hexachloroethane
Concen: 18.398 ng
RT: 7.25 min Scan# 836
Delta R.T. -0.00 min
Lab File: BF108804.D
Acq: 6 Sep 2018 4:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	75.8	113.8
201	100.3	75.7	113.5



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

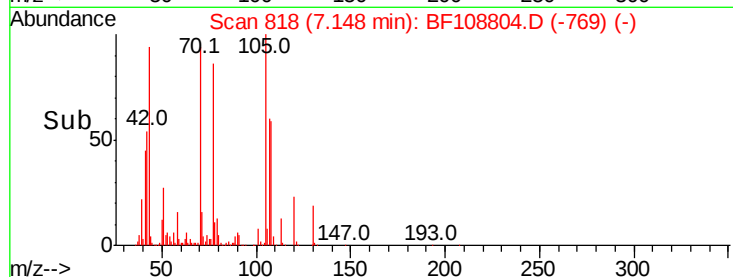
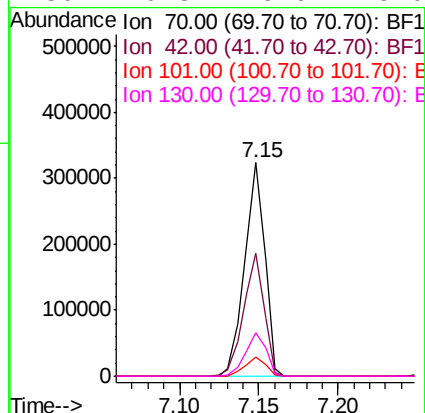
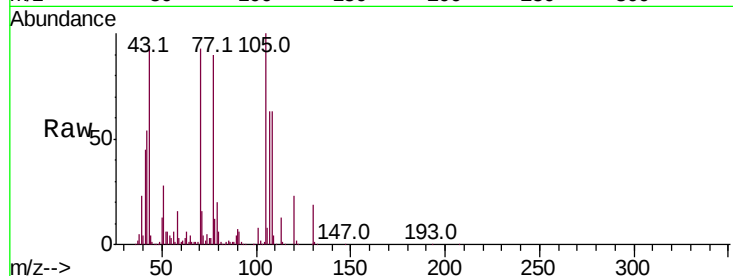




#19
n-Nitroso-di-n-propylamine
Concen: 22.410 ng
RT: 7.15 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF108804.D
Acq: 6 Sep 2018 4:54

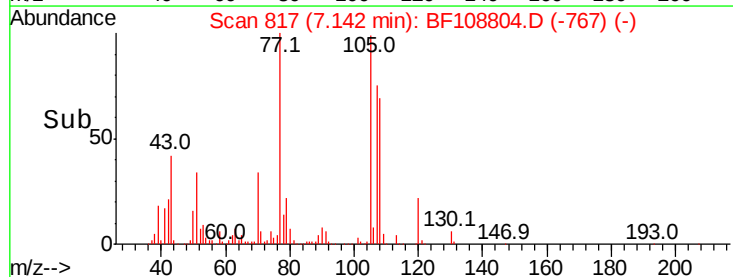
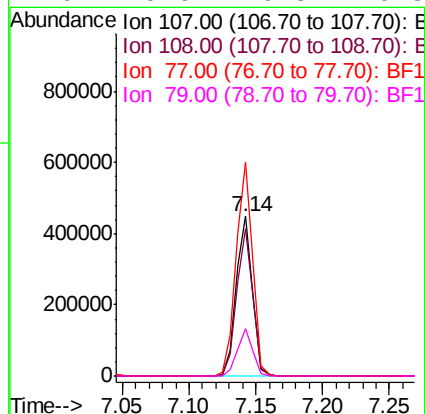
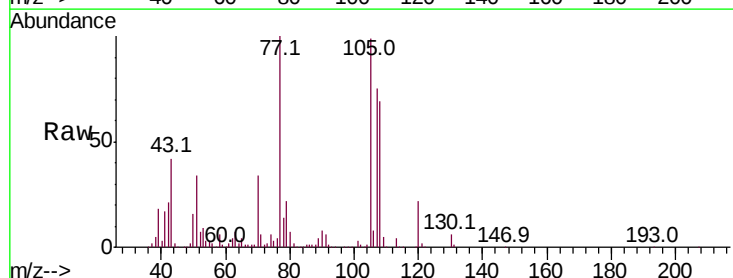
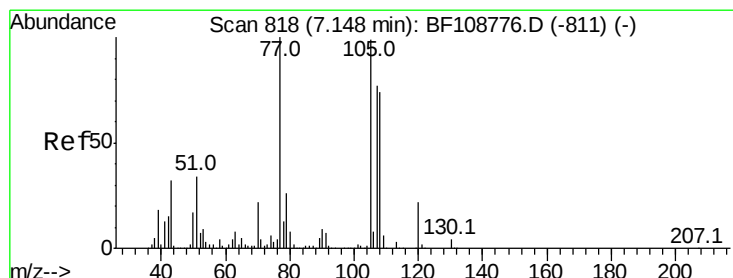
Instrument :
BNA_F
ClientSampled :

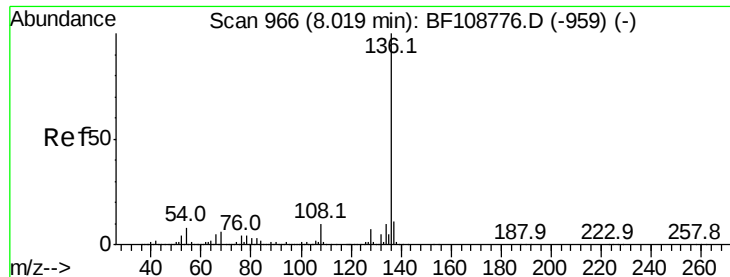
Tot Ion: 70 Resp: 284362
Ion Ratio Lower Upper
70 100
42 57.8 47.5 71.3
101 8.8 7.4 11.2
130 20.3 16.6 25.0



#20
3+4-Methylphenols
Concen: 24.581 ng
RT: 7.14 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF108804.D
Acq: 6 Sep 2018 4:54

Tgt Ion:107 Resp: 382159
Ion Ratio Lower Upper
107 100
108 91.9 68.2 108.2
77 133.8 26.7 66.7#
79 29.6 6.3 46.3

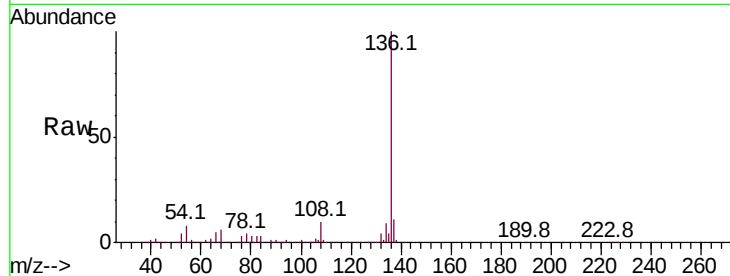




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF108804.D
Acq: 6 Sep 2018 4:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	792737
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.9 13.3
54	7.6	6.6 9.8
68	6.4	5.0 7.4



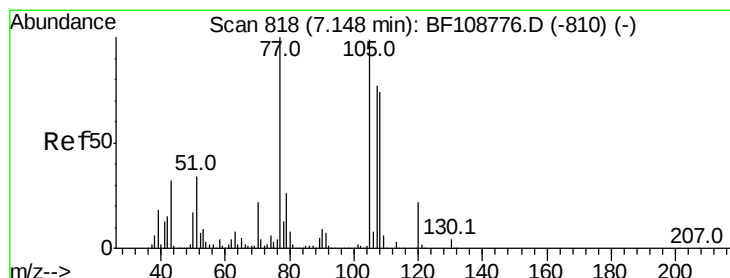
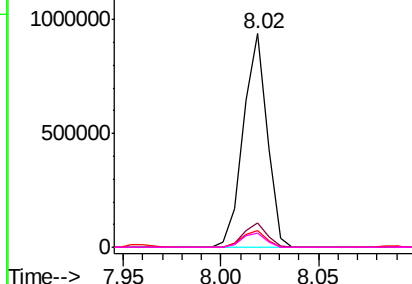
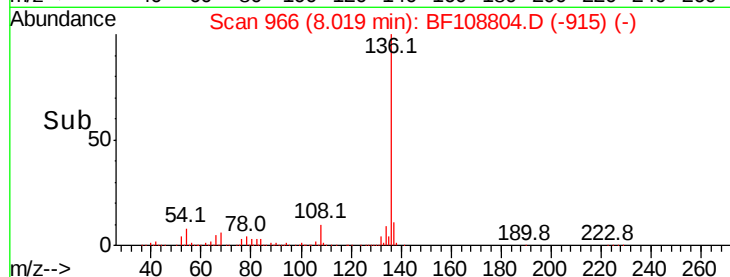
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

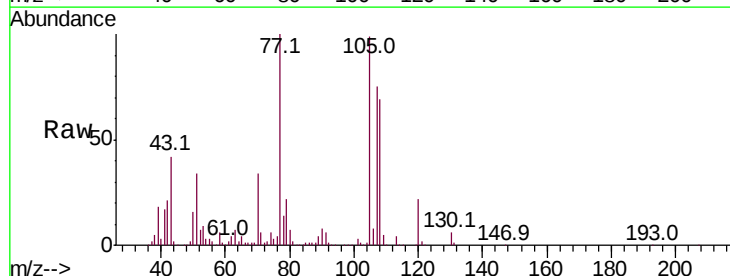
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 29.450 ng
RT: 7.14 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF108804.D
Acq: 6 Sep 2018 4:54

Tgt Ion:105	Resp:	529845
Ion Ratio	Lower	Upper
105	100	
71	5.6	4.4 6.6
51	34.5	22.3 33.5#
120	22.3	16.9 25.3



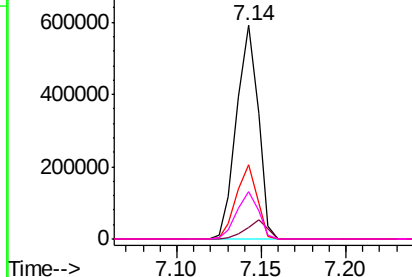
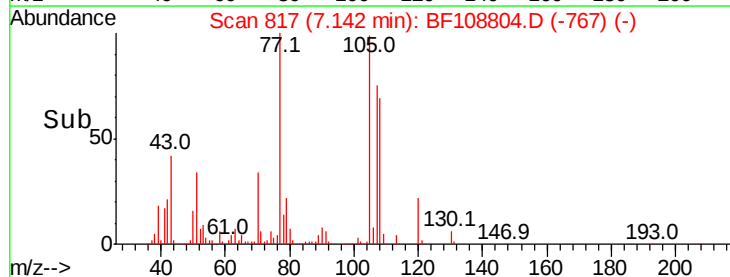
Abundance

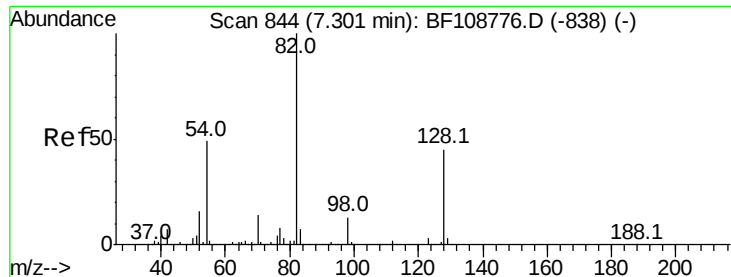
Ion 105.00 (104.70 to 105.70): E

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

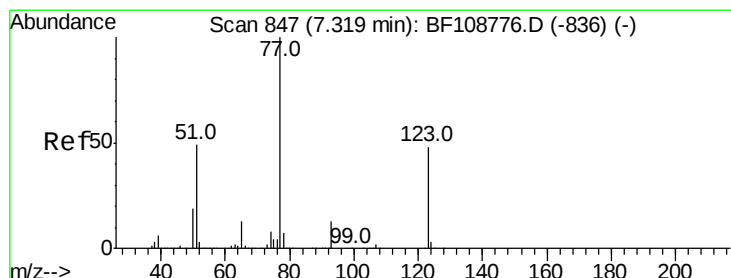
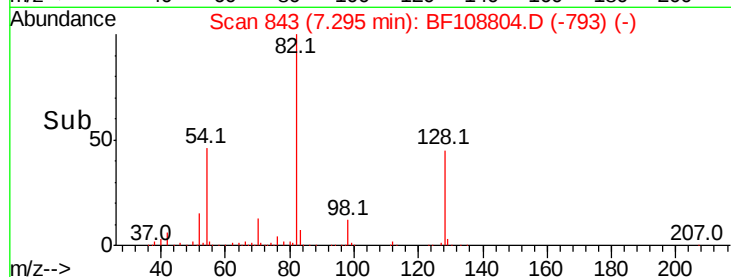
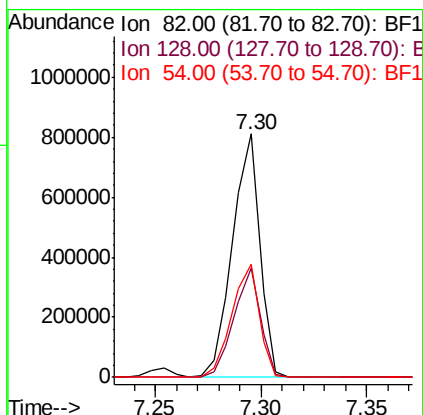
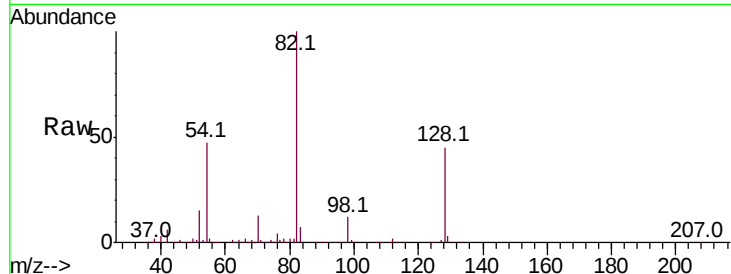




#23
Nitrobenzene-d5
Concen: 57.194 ng
RT: 7.30 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF108804.D
Acq: 6 Sep 2018 4:54

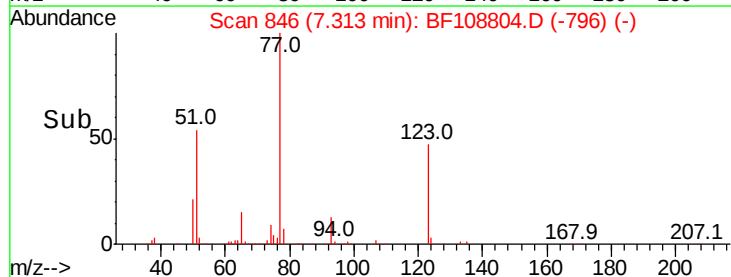
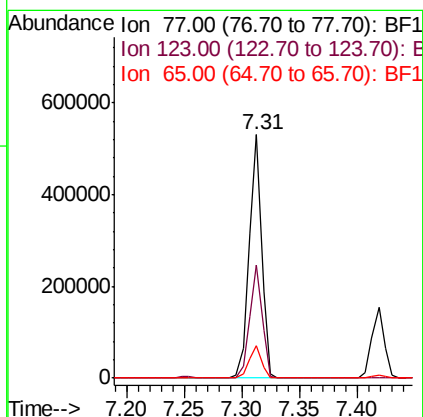
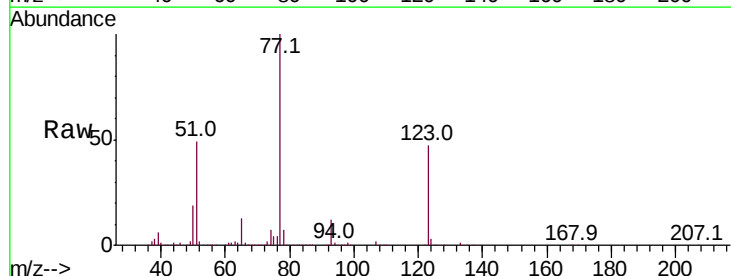
Instrument :
BNA_F
ClientSampleId :

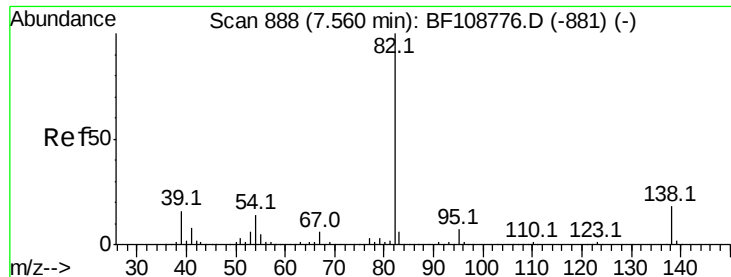
Tot Ion: 82 Resp: 724495
Ion Ratio Lower Upper
82 100
128 44.9 36.1 54.1
54 46.6 41.4 62.2



#24
Nitrobenzene
Concen: 29.203 ng
RT: 7.31 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF108804.D
Acq: 6 Sep 2018 4:54

Tgt Ion: 77 Resp: 396922
Ion Ratio Lower Upper
77 100
123 46.6 37.9 56.9
65 13.2 11.0 16.4





#25

Isophorone

Concen: 28.875 ng

RT: 7.55 min Scan# 887

Delta R.T. -0.01 min

Lab File: BF108804.D

Acq: 6 Sep 2018 4:54

Instrument :

BNA_F

ClientSampled :

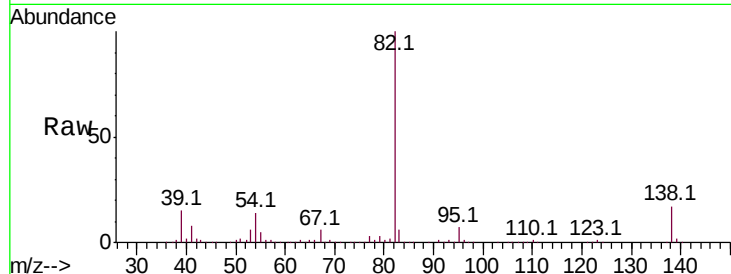
Tot Ion: 82 Resp: 729584

Ion Ratio Lower Upper

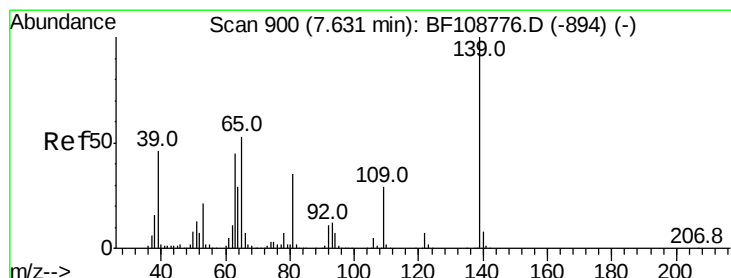
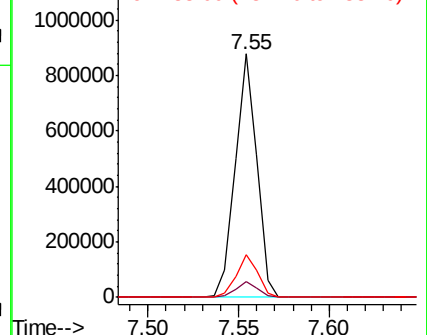
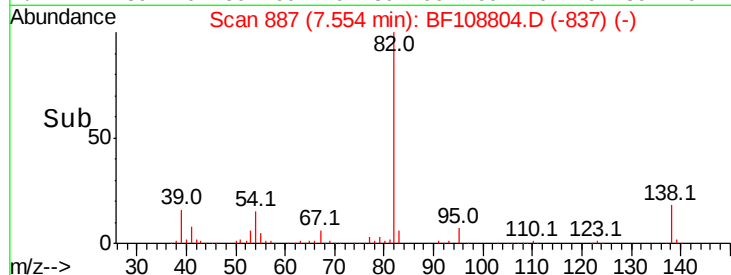
82 100

95 6.7 5.2 7.8

138 17.4 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 18.913 ng

RT: 7.63 min Scan# 900

Delta R.T. -0.00 min

Lab File: BF108804.D

Acq: 6 Sep 2018 4:54

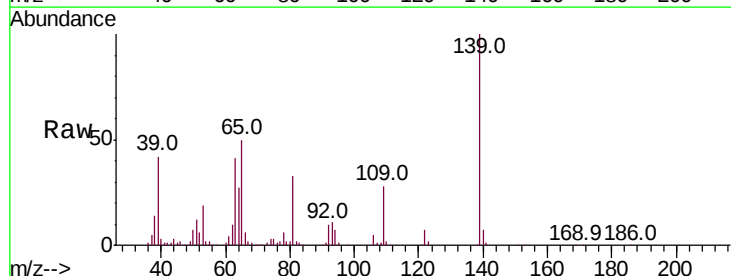
Tgt Ion: 139 Resp: 101276

Ion Ratio Lower Upper

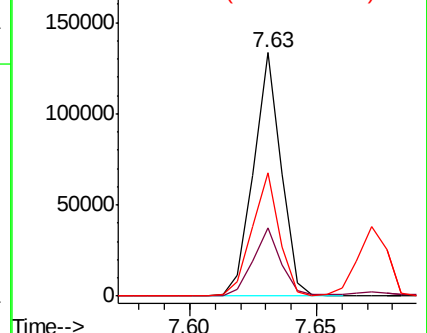
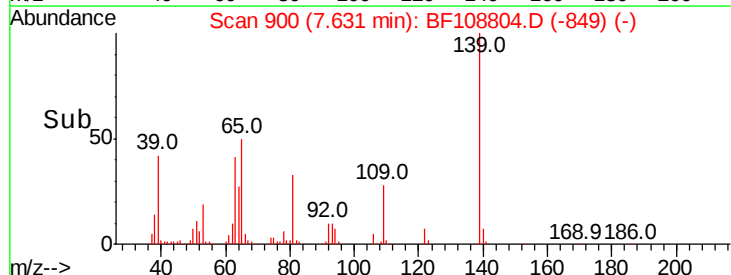
139 100

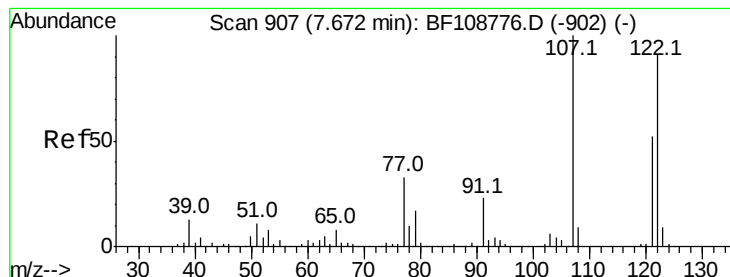
109 28.2 22.7 34.1

65 50.4 40.5 60.7



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 30.241 ng

RT: 7.67 min Scan# 907

Delta R.T. -0.00 min

Lab File: BF108804.D

Acq: 6 Sep 2018 4:54

Instrument :
BNA_F
ClientSampled :

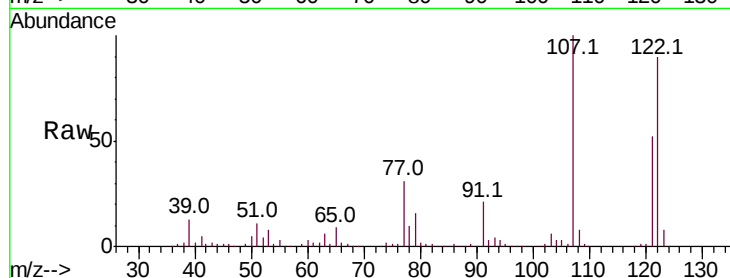
Tot Ion:122 Resp: 328832

Ion Ratio Lower Upper

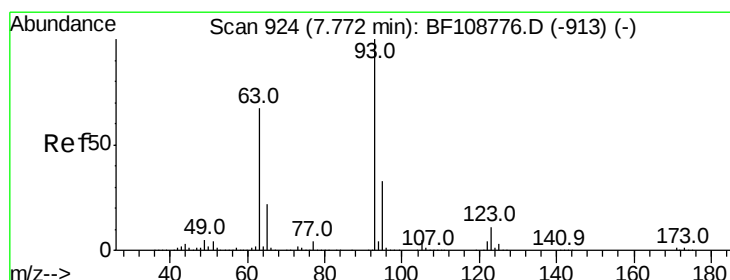
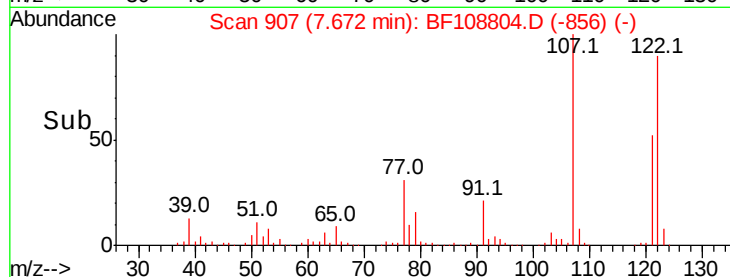
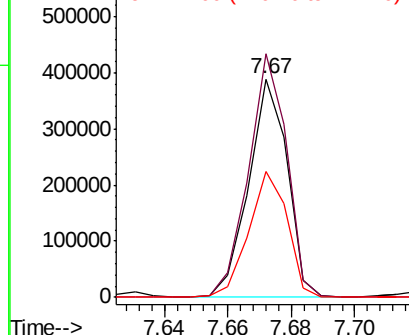
122 100

107 111.4 91.2 136.8

121 57.6 47.2 70.8



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: 28.313 ng

RT: 7.77 min Scan# 924

Delta R.T. -0.00 min

Lab File: BF108804.D

Acq: 6 Sep 2018 4:54

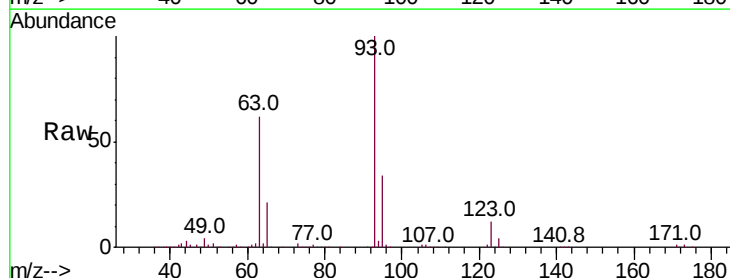
Tgt Ion: 93 Resp: 478300

Ion Ratio Lower Upper

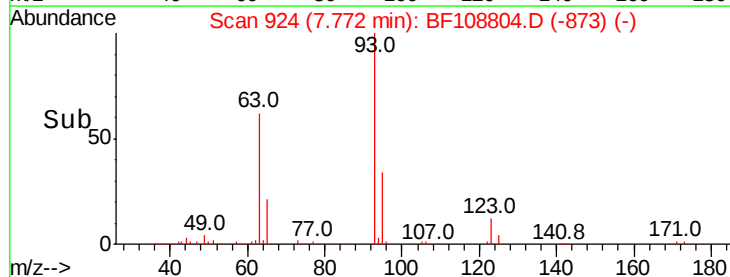
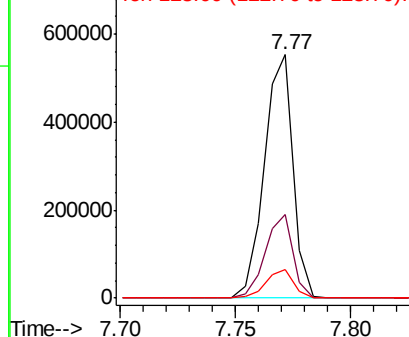
93 100

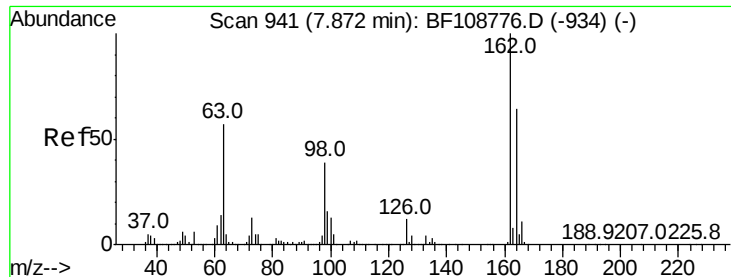
95 34.2 26.3 39.5

123 11.8 9.8 14.6



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

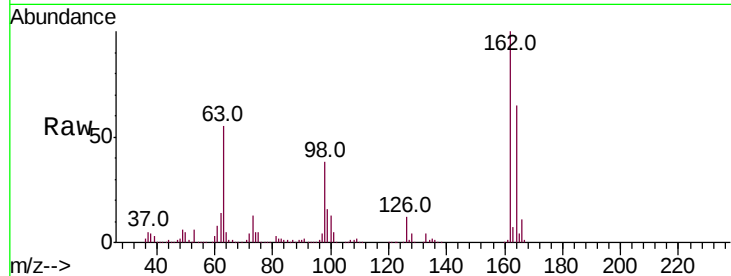




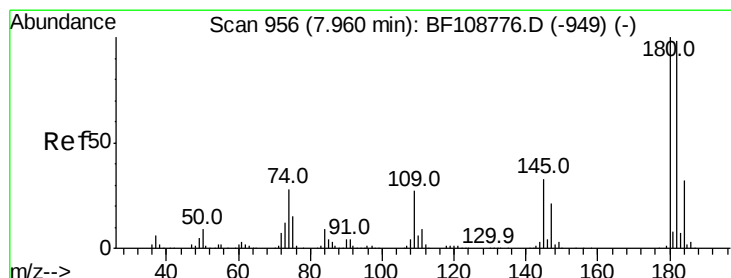
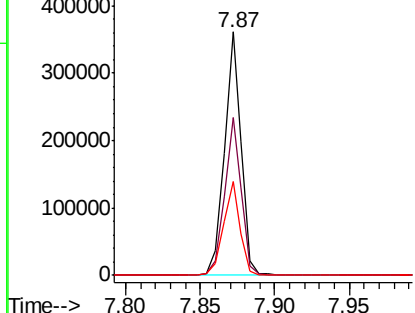
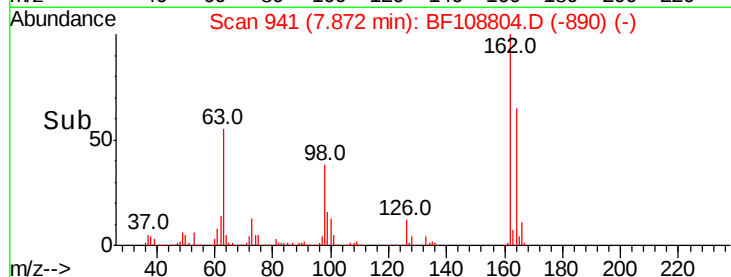
#29
 2,4-Dichlorophenol
 Concen: 25.584 ng
 RT: 7.87 min Scan# 941
 Delta R.T. -0.00 min
 Lab File: BF108804.D
 Acq: 6 Sep 2018 4:54

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	42.7	82.7
98	38.3	18.1	58.1

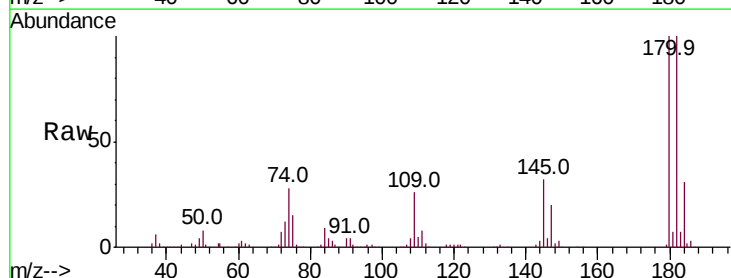


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

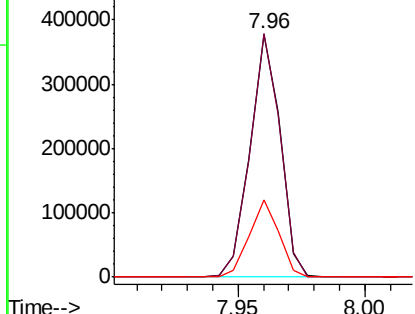
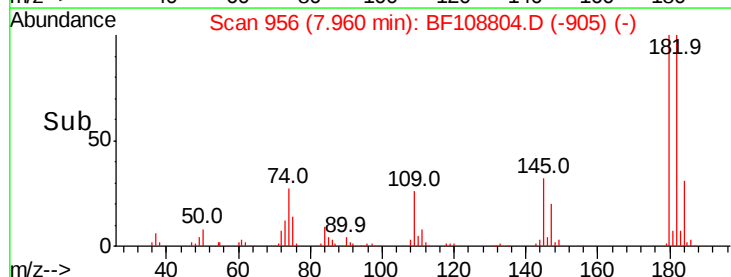


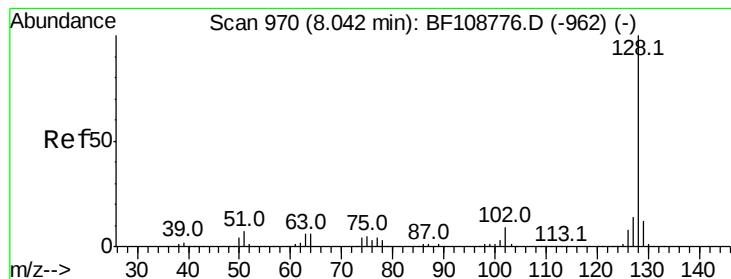
#30
 1,2,4-Trichlorobenzene
 Concen: 25.847 ng
 RT: 7.96 min Scan# 956
 Delta R.T. -0.00 min
 Lab File: BF108804.D
 Acq: 6 Sep 2018 4:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.4	76.8	115.2
145	31.7	26.5	39.7



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: 29.363 ng

RT: 8.04 min Scan# 970

Delta R.T. -0.00 min

Lab File: BF108804.D

Acq: 6 Sep 2018 4:54

Instrument :

BNA_F

ClientSampleId :

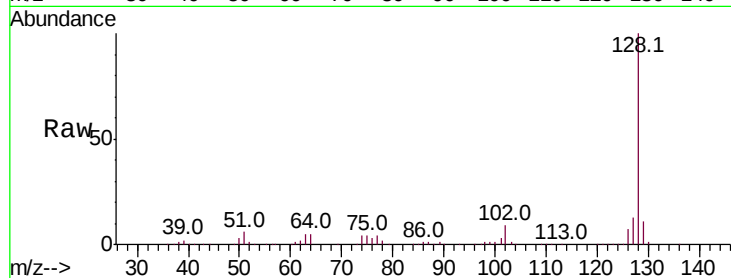
Tot Ion:128 Resp: 1047252

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

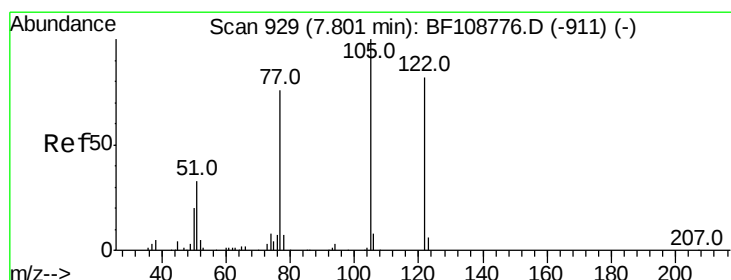
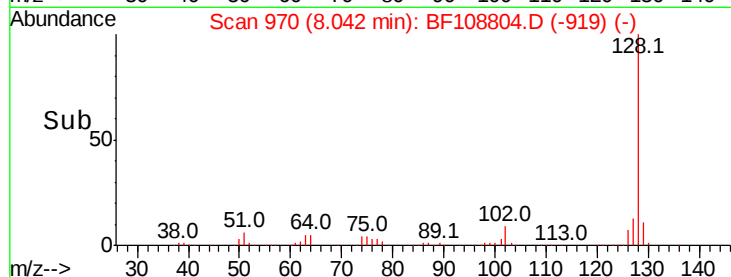
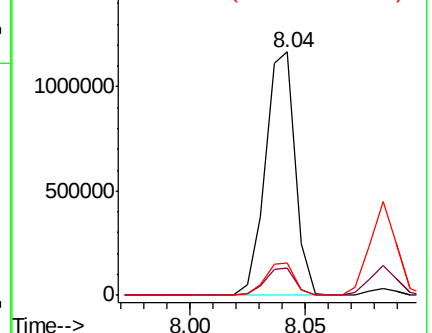
127 13.3 10.9 16.3



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: 6.725 ng

RT: 7.76 min Scan# 922

Delta R.T. -0.04 min

Lab File: BF108804.D

Acq: 6 Sep 2018 4:54

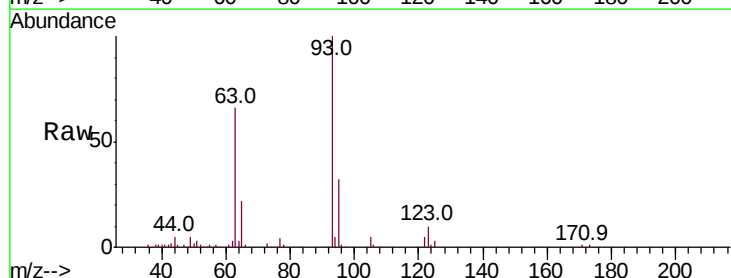
Tgt Ion:122 Resp: 18576

Ion Ratio Lower Upper

122 100

105 107.3 101.1 141.1

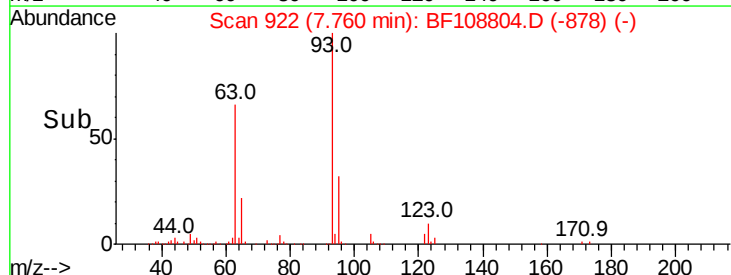
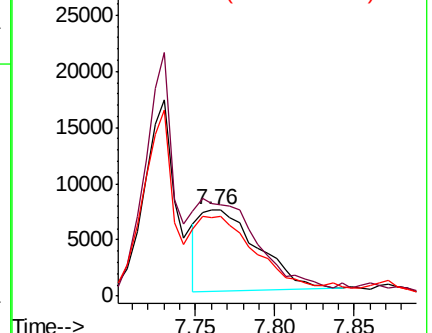
77 90.1 70.7 110.7

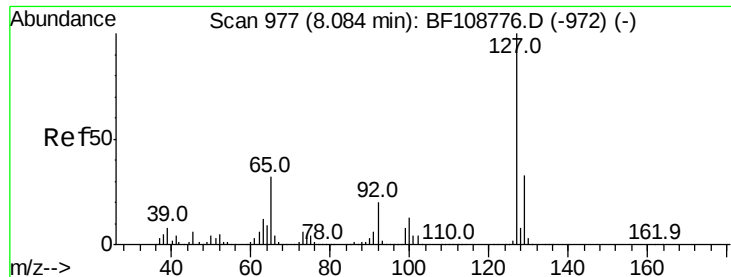


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

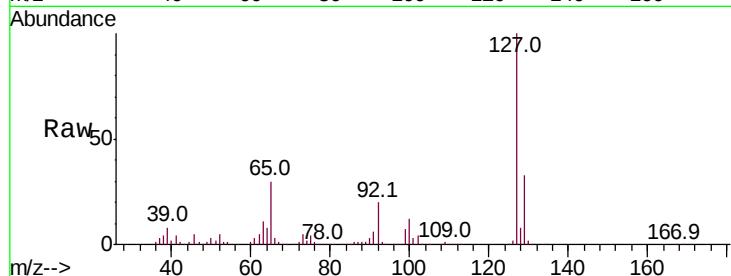




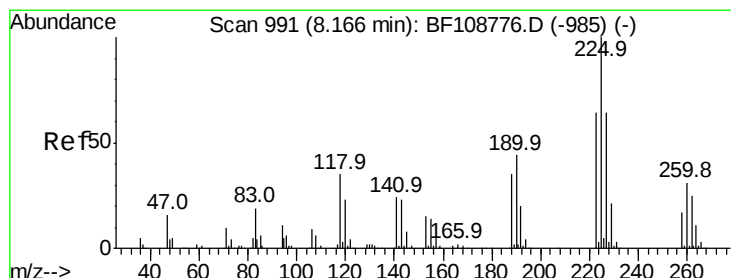
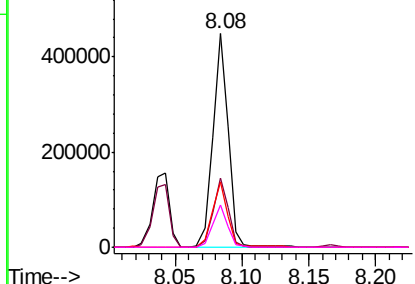
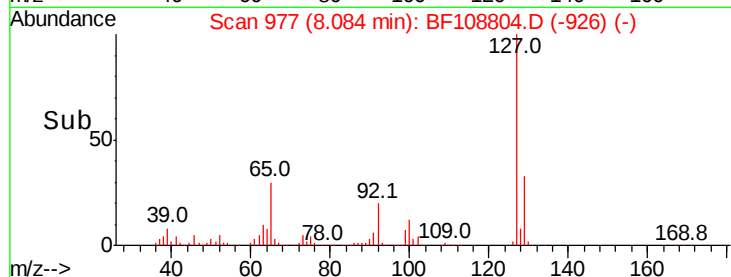
#33
4-Chloroaniline
Concen: 22.218 ng
RT: 8.08 min Scan# 977
Delta R.T. -0.00 min
Lab File: BF108804.D
Acq: 6 Sep 2018 4:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	363936
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.9	38.9
65	30.3	25.0	37.4
92	19.7	15.2	22.8

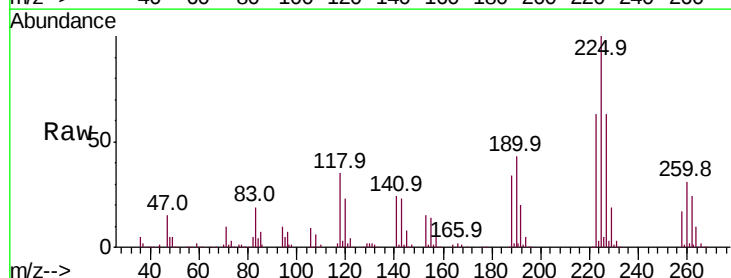


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

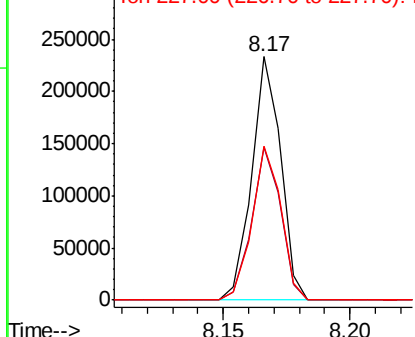
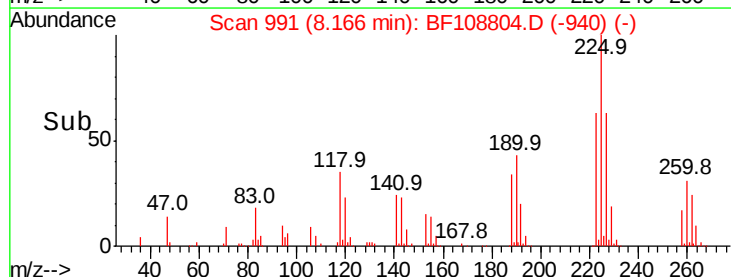


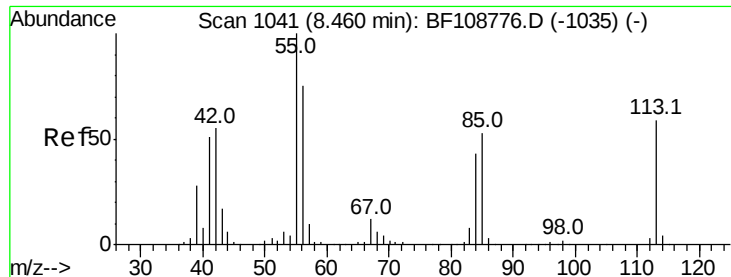
#34
Hexachlorobutadiene
Concen: 25.598 ng
RT: 8.17 min Scan# 991
Delta R.T. -0.00 min
Lab File: BF108804.D
Acq: 6 Sep 2018 4:54

Tgt Ion:	225	Resp:	185819
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.6	76.0
227	63.5	51.9	77.9



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

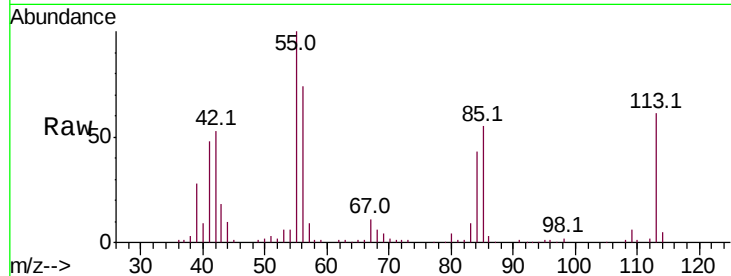




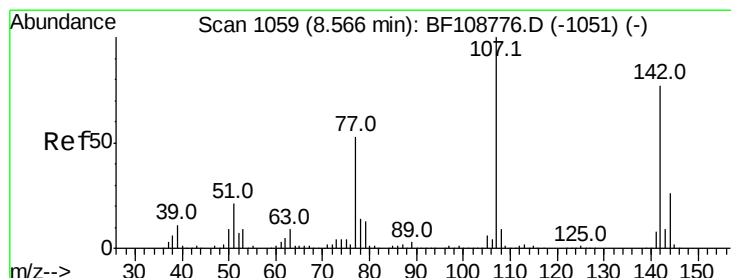
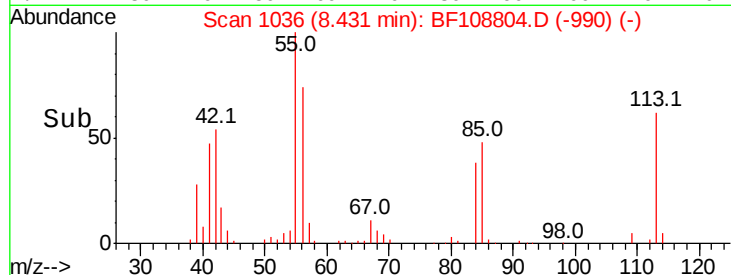
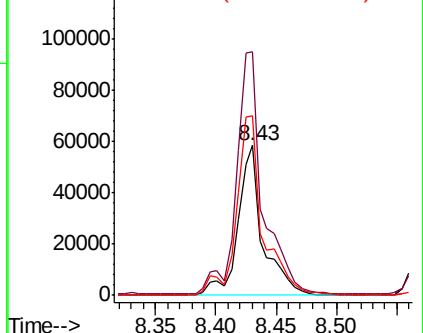
#35
 Caprolactam
 Concen: 22.108 ng
 RT: 8.43 min Scan# 1036
 Delta R.T. -0.03 min
 Lab File: BF108804.D
 Acq: 6 Sep 2018 4:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 83998
 Ion Ratio Lower Upper
 113 100
 55 162.8 163.3 203.3#
 56 119.8 115.7 155.7

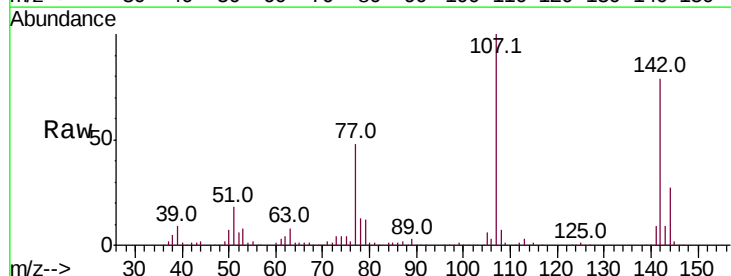


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

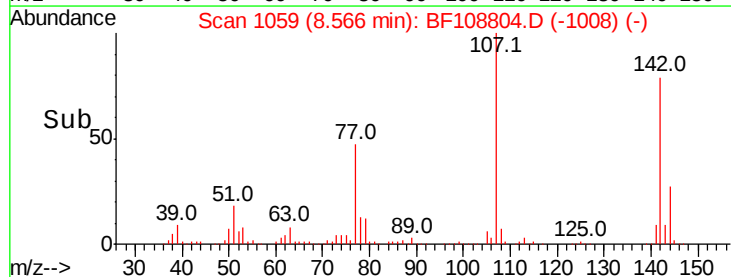
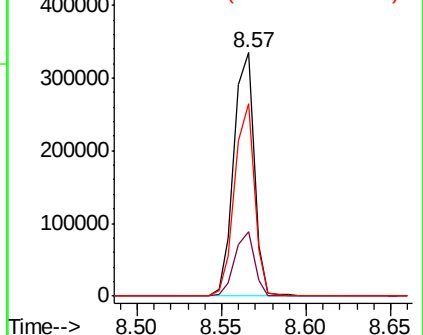


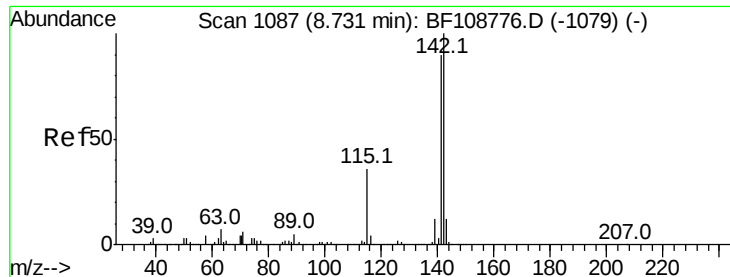
#36
 4-Chloro-3-methylphenol
 Concen: 23.503 ng
 RT: 8.57 min Scan# 1059
 Delta R.T. -0.00 min
 Lab File: BF108804.D
 Acq: 6 Sep 2018 4:54

Tgt Ion:107 Resp: 280733
 Ion Ratio Lower Upper
 107 100
 144 26.5 20.5 30.7
 142 78.9 62.0 93.0



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

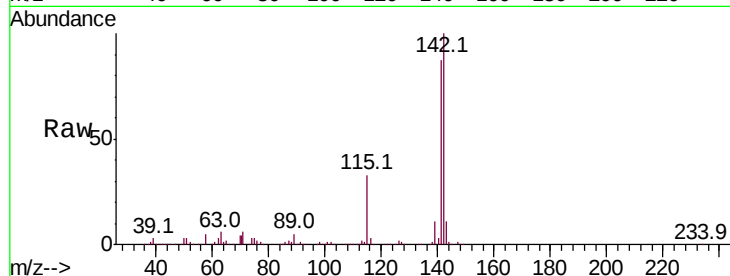




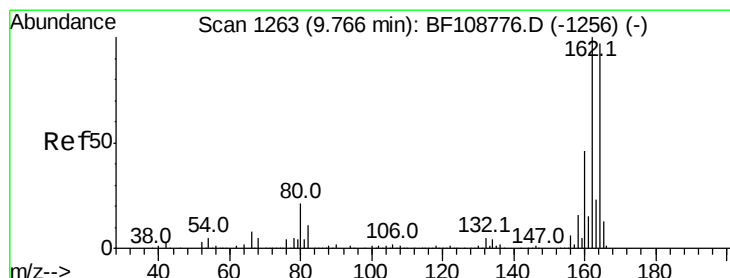
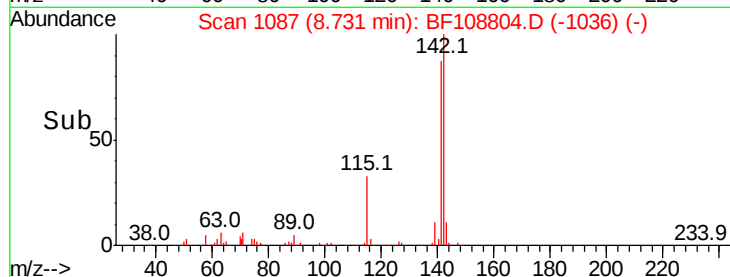
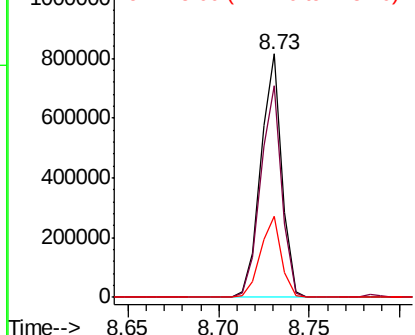
#37
2-Methylnaphthalene
Concen: 27.880 ng
RT: 8.73 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BF108804.D
Acq: 6 Sep 2018 4:54

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.8	70.8	106.2
115	33.3	26.1	39.1

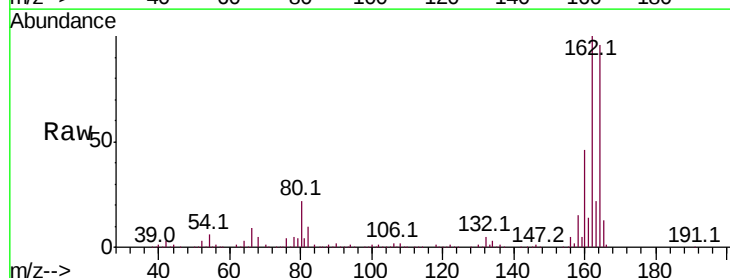


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

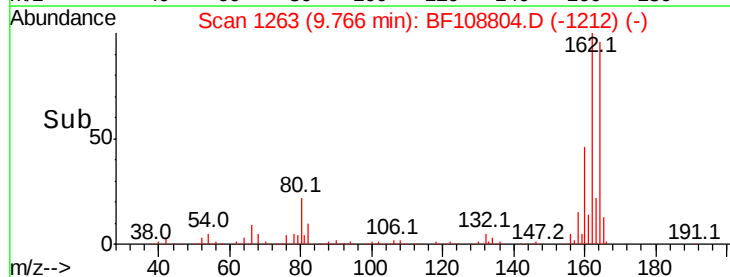
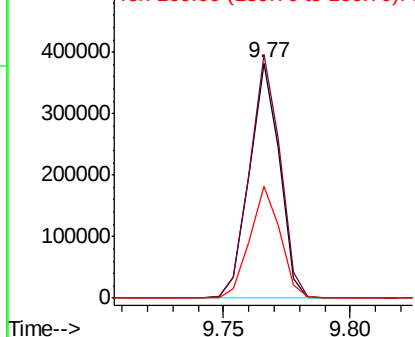


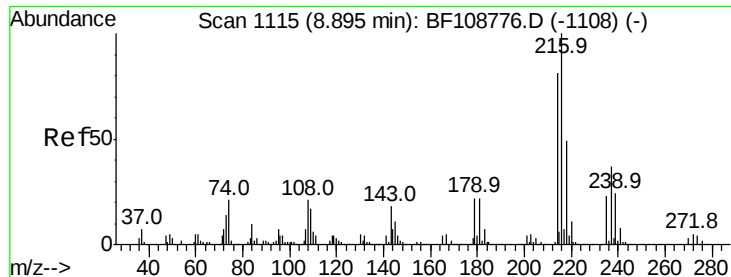
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BF108804.D
Acq: 6 Sep 2018 4:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	86.1	129.1
160	47.4	38.3	57.5



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 29.829 ng

RT: 8.90 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BF108804.D

Acq: 6 Sep 2018 4:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 281725

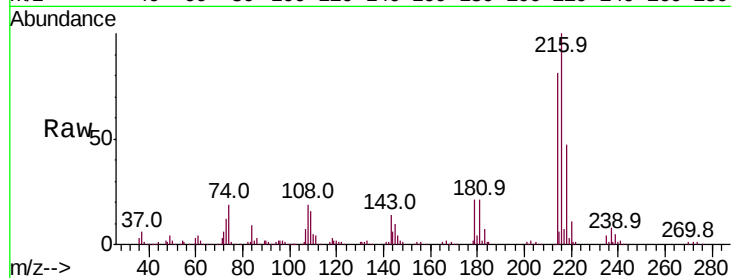
Ion Ratio Lower Upper

216 100

214 79.9 63.0 94.4

179 20.3 18.1 27.1

108 18.3 17.2 25.8

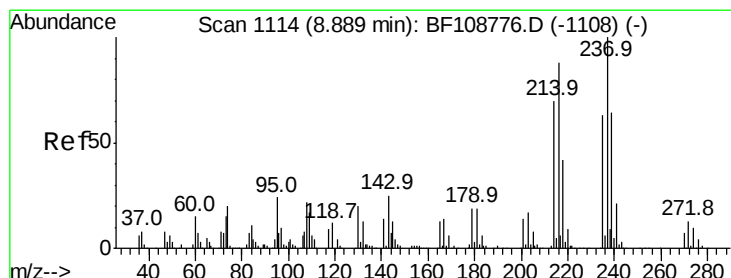
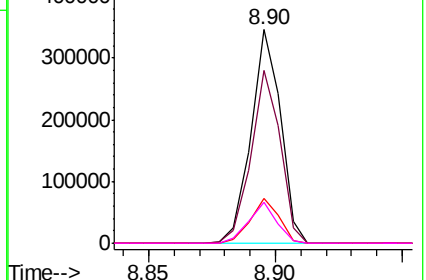
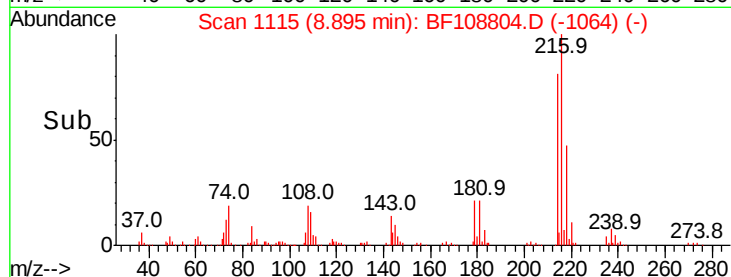


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 9.226 ng

RT: 8.89 min Scan# 1114

Delta R.T. -0.00 min

Lab File: BF108804.D

Acq: 6 Sep 2018 4:54

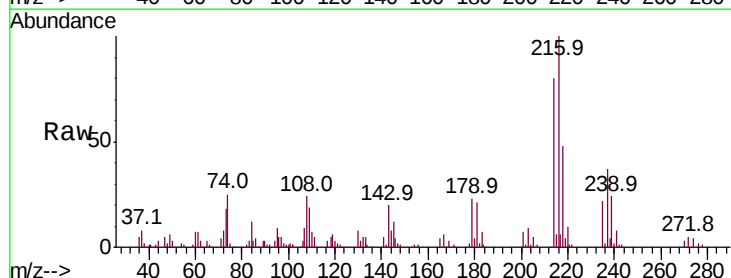
Tgt Ion:237 Resp: 43835

Ion Ratio Lower Upper

237 100

235 59.9 44.8 84.8

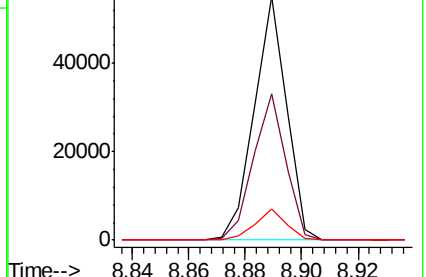
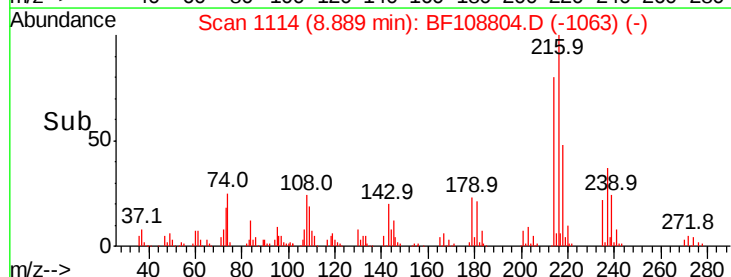
272 13.0 0.0 33.3

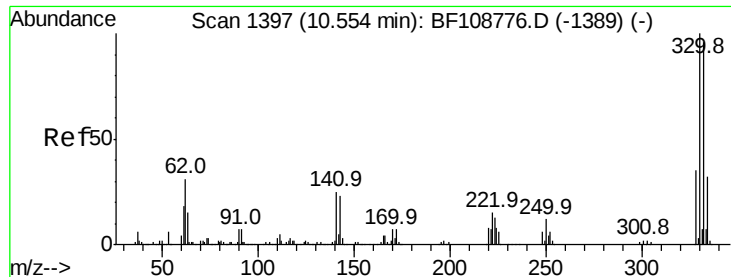


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

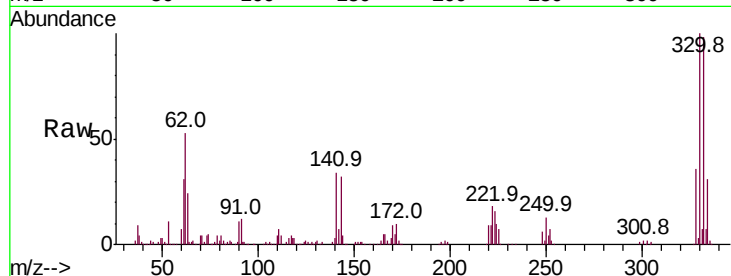




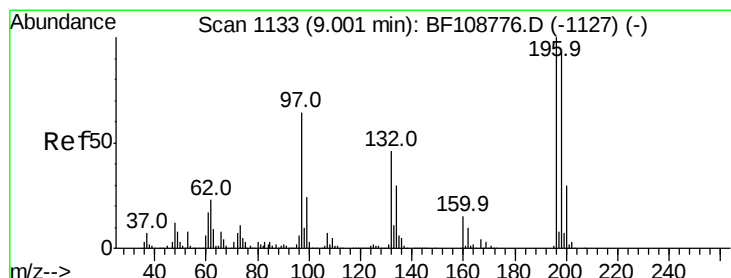
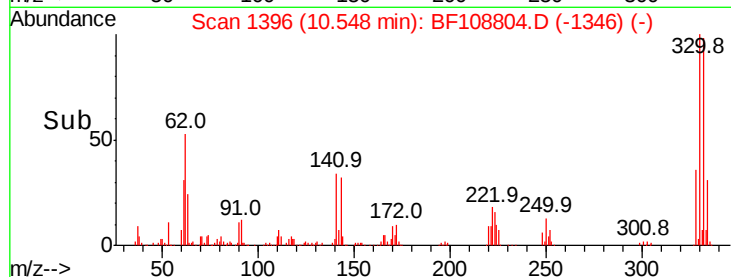
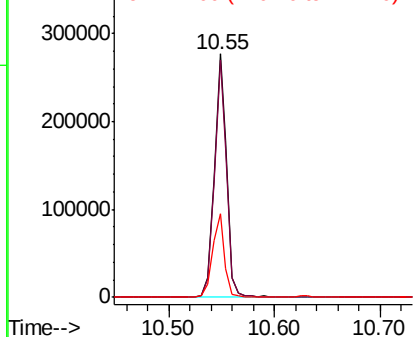
#41
 2,4,6-Tribromophenol
 Concen: 76.324 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF108804.D
 Acq: 6 Sep 2018 4:54

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 230214
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 33.2 29.9 44.9

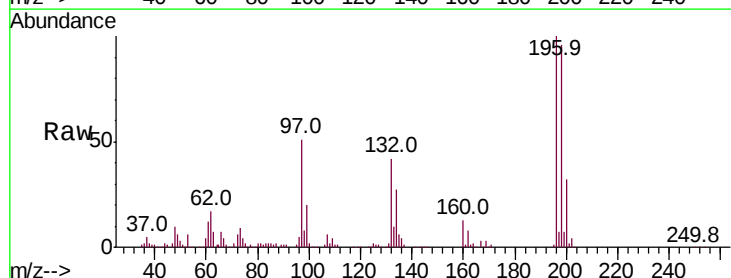


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

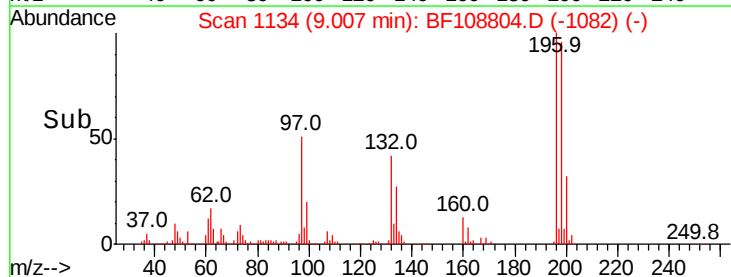
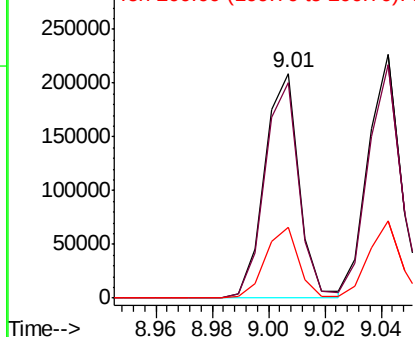


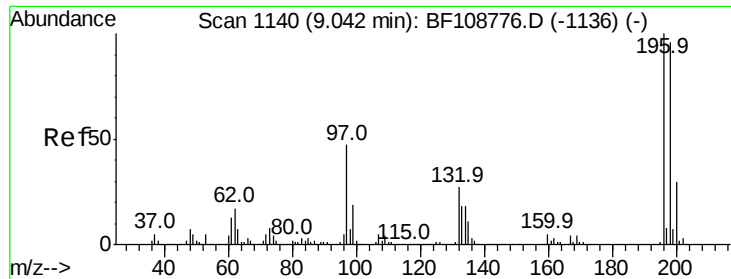
#42
 2,4,6-Trichlorophenol
 Concen: 27.529 ng
 RT: 9.01 min Scan# 1134
 Delta R.T. 0.01 min
 Lab File: BF108804.D
 Acq: 6 Sep 2018 4:54

Tgt Ion:196 Resp: 177099
 Ion Ratio Lower Upper
 196 100
 198 95.7 75.7 113.5
 200 31.7 24.5 36.7



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

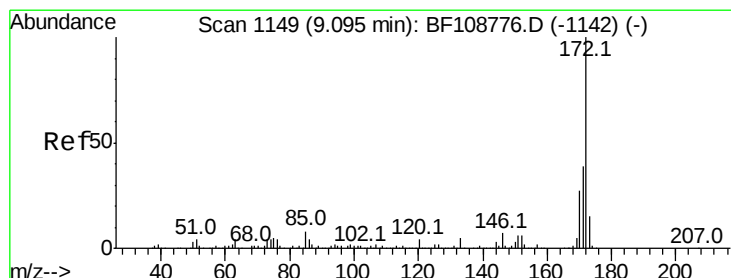
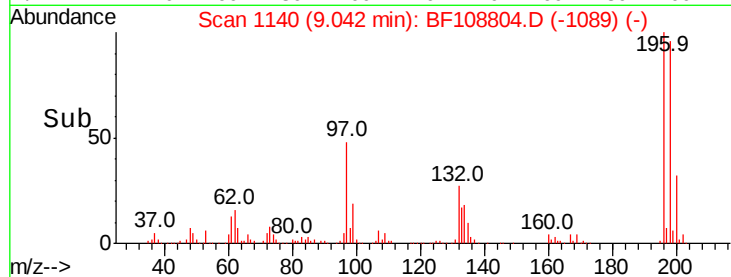
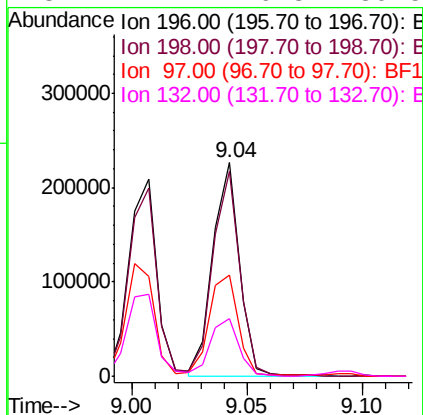
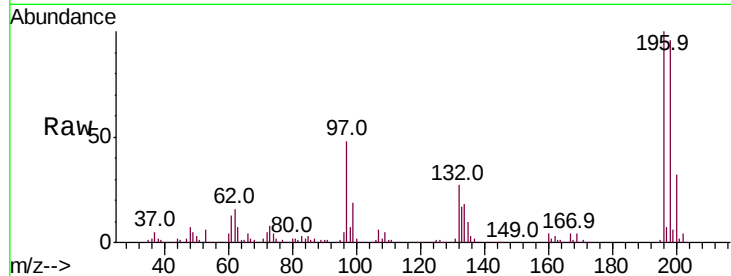




#43
 2,4,5-Trichlorophenol
 Concen: 27.088 ng
 RT: 9.04 min Scan# 1140
 Delta R.T. -0.00 min
 Lab File: BF108804.D
 Acq: 6 Sep 2018 4:54

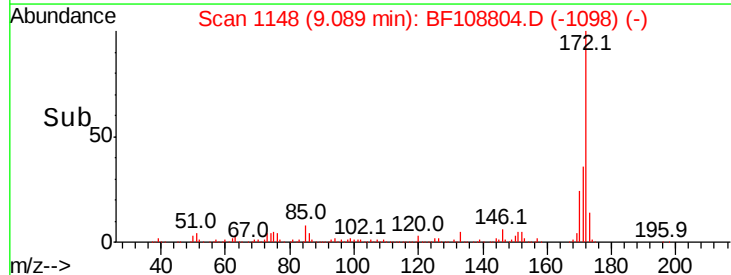
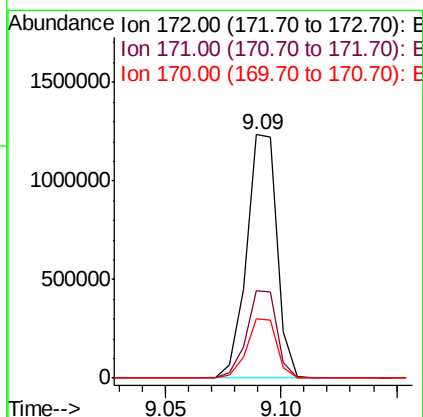
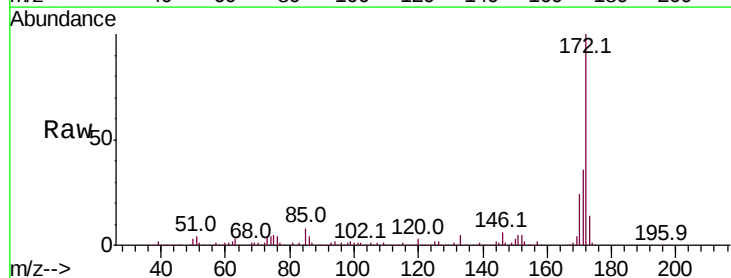
Instrument :
 BNA_F
 ClientSampleId :

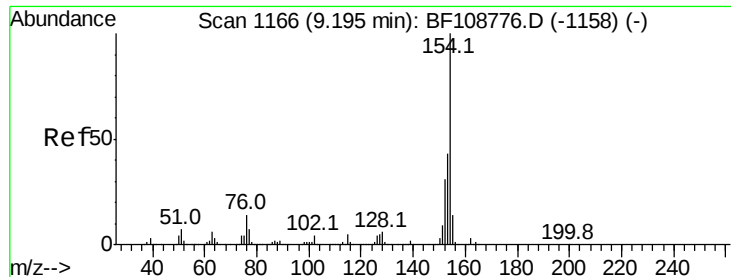
Tot Ion:	196	Resp:	180634
Ion	Ratio	Lower	Upper
196	100		
198	96.1	74.6	112.0
97	47.6	42.9	64.3
132	27.2	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 61.359 ng
 RT: 9.09 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BF108804.D
 Acq: 6 Sep 2018 4:54

Tgt Ion:	172	Resp:	1136396
Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.2	19.6	29.4

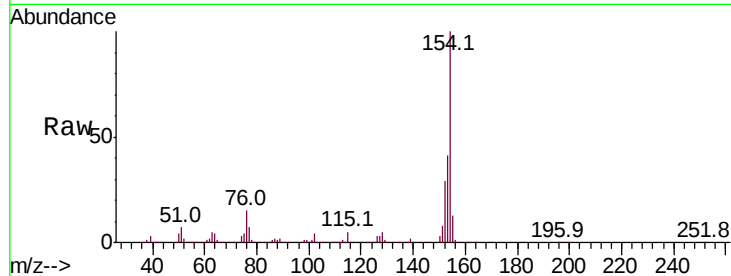




#45
 1,1'-Biphenyl
 Concen: 30.396 ng
 RT: 9.19 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF108804.D
 Acq: 6 Sep 2018 4:54

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.5	21.3	61.3
76	15.1	0.0	34.0

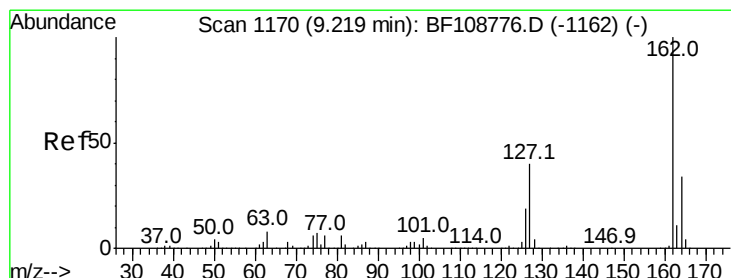
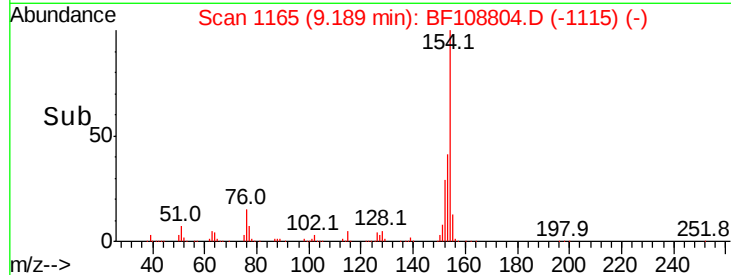
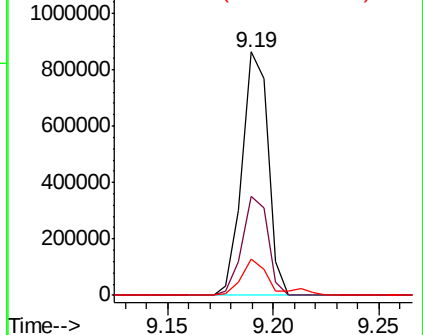


Abundance

Ion 154.00 (153.70 to 154.70): E

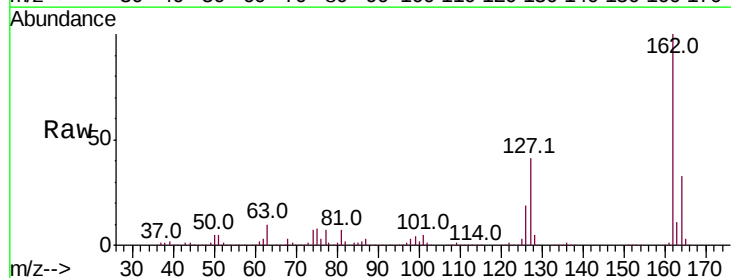
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46
 2-Chloronaphthalene
 Concen: 28.437 ng
 RT: 9.21 min Scan# 1169
 Delta R.T. -0.01 min
 Lab File: BF108804.D
 Acq: 6 Sep 2018 4:54

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.5	33.9	50.9
164	32.9	26.5	39.7

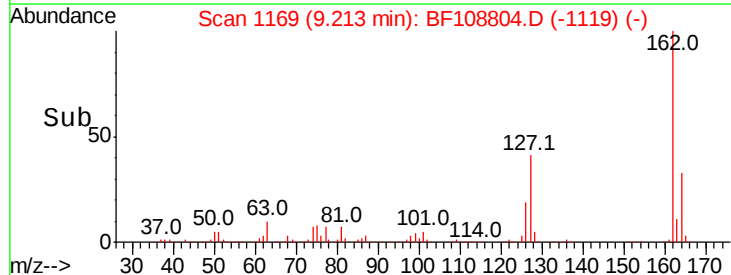
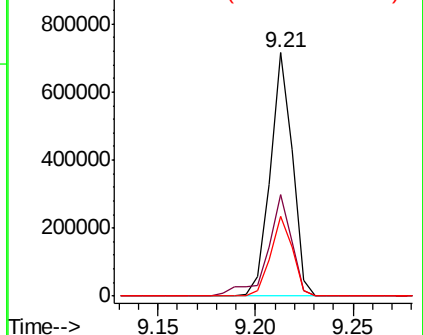


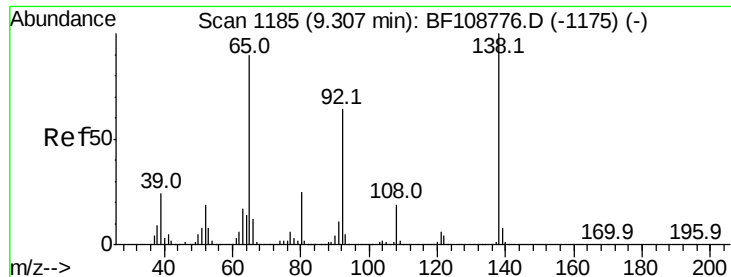
Abundance

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

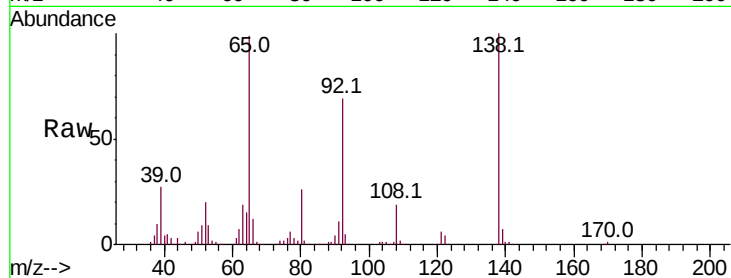




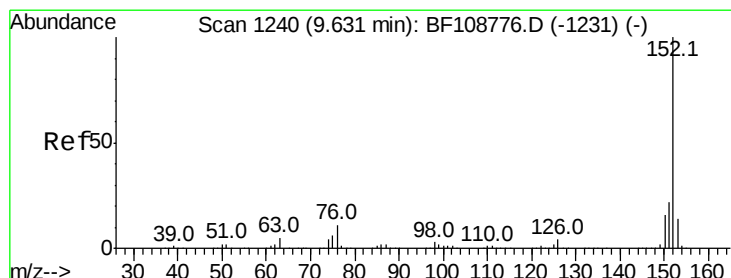
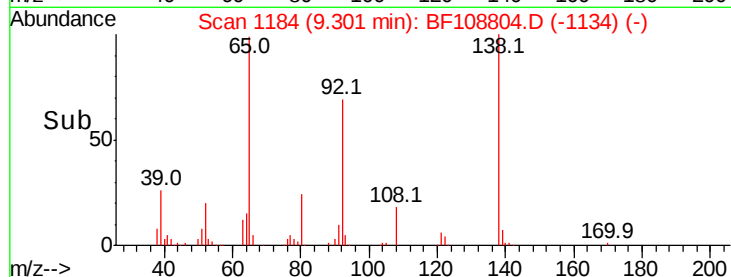
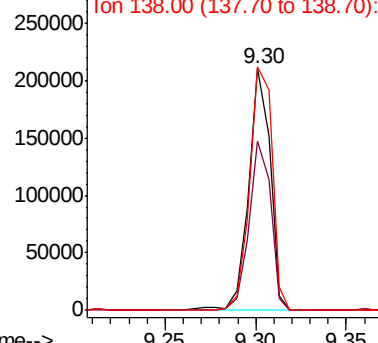
#47
2-Nitroaniline
Concen: 32.176 ng
RT: 9.30 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF108804.D
Acq: 6 Sep 2018 4:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 172918
Ion Ratio Lower Upper
65 100
92 69.7 55.8 83.6
138 100.5 91.2 136.8

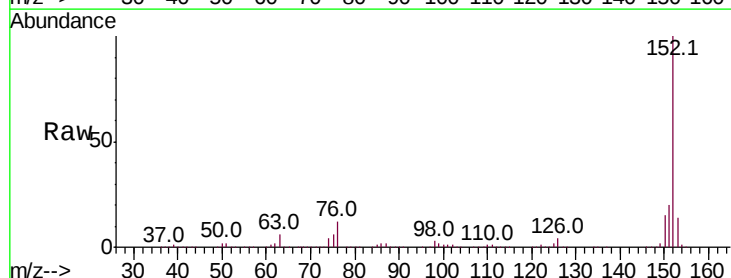


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

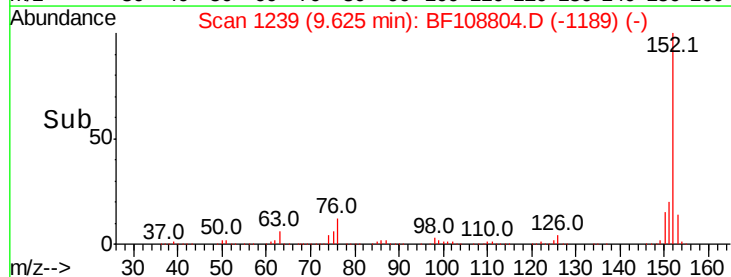
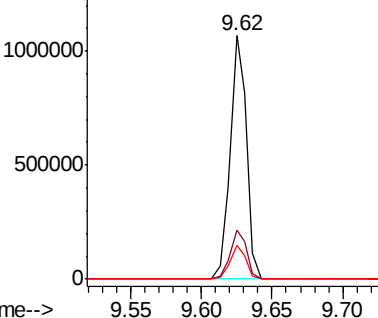


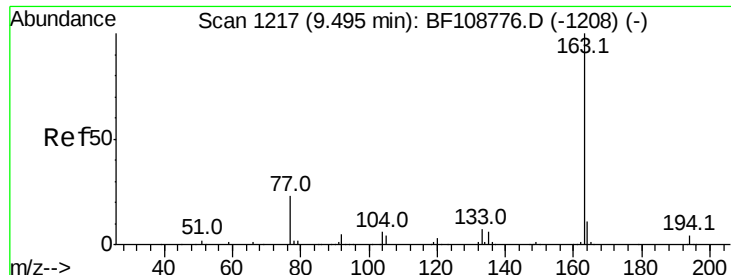
#48
Acenaphthylene
Concen: 29.779 ng
RT: 9.62 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BF108804.D
Acq: 6 Sep 2018 4:54

Tgt Ion: 152 Resp: 873207
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 14.0 10.7 16.1



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





#49

Dimethylphthalate

Concen: 47.128 ng

RT: 9.49 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF108804.D

Acq: 6 Sep 2018 4:54

Instrument :

BNA_F

ClientSampleId :

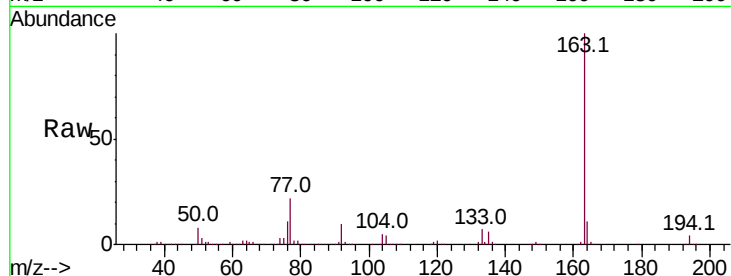
Tot Ion:163 Resp: 1041470

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

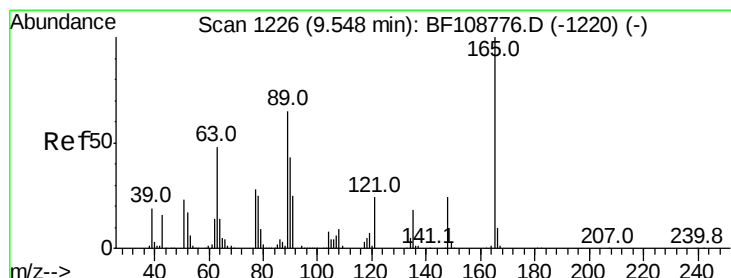
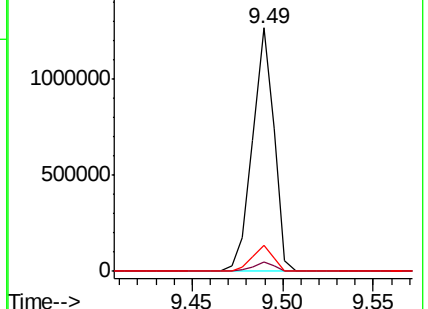
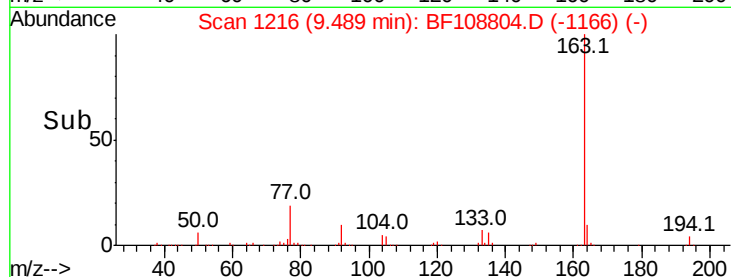
164 10.5 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 23.671 ng

RT: 9.55 min Scan# 1226

Delta R.T. -0.00 min

Lab File: BF108804.D

Acq: 6 Sep 2018 4:54

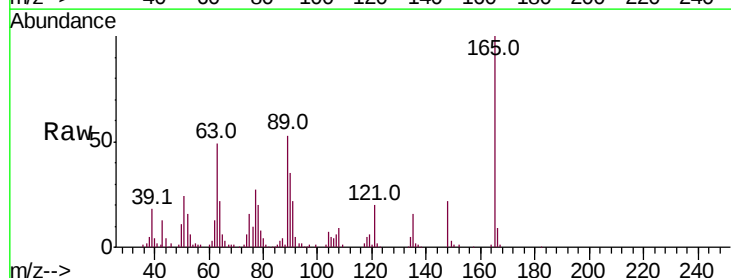
Tgt Ion:165 Resp: 99678

Ion Ratio Lower Upper

165 100

63 48.7 44.7 67.1

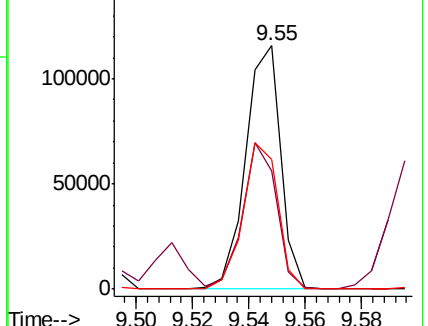
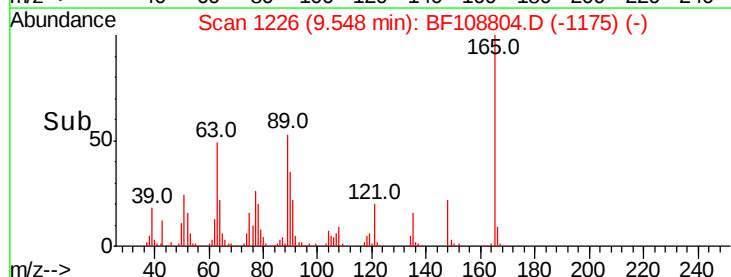
89 53.3 44.0 66.0

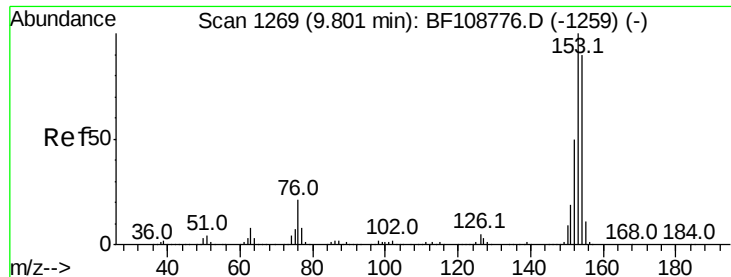


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 27.477 ng

RT: 9.80 min Scan# 1269

Delta R.T. -0.00 min

Lab File: BF108804.D

Acq: 6 Sep 2018 4:54

Instrument :

BNA_F

ClientSampleId :

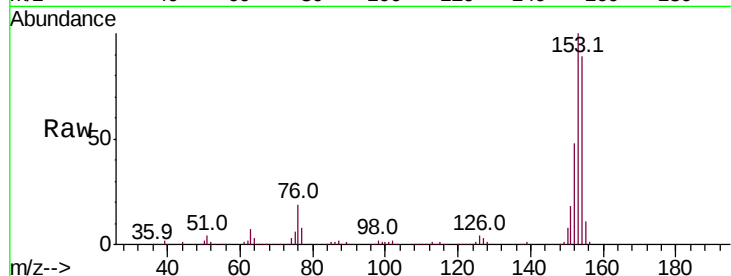
Tot Ion:154 Resp: 498591

Ion Ratio Lower Upper

154 100

153 112.4 91.2 136.8

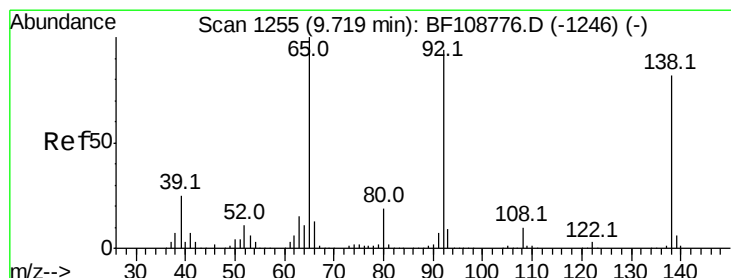
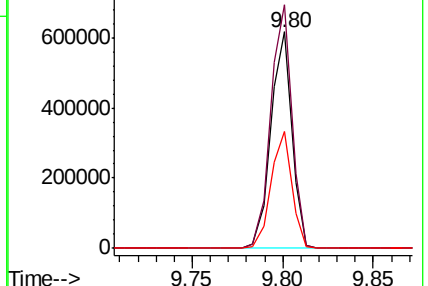
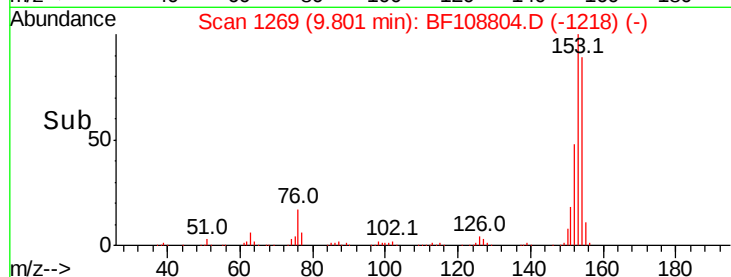
152 54.2 43.8 65.8



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



#52

3-Nitroaniline

Concen: 32.044 ng

RT: 9.71 min Scan# 1253

Delta R.T. -0.01 min

Lab File: BF108804.D

Acq: 6 Sep 2018 4:54

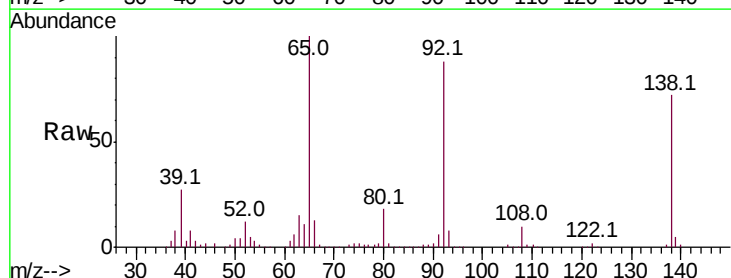
Tgt Ion:138 Resp: 160621

Ion Ratio Lower Upper

138 100

108 14.0 9.4 14.0

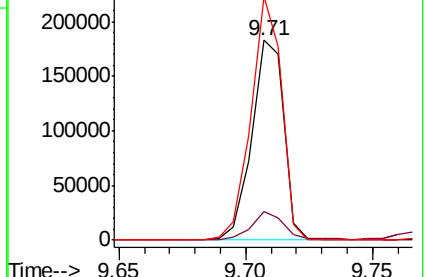
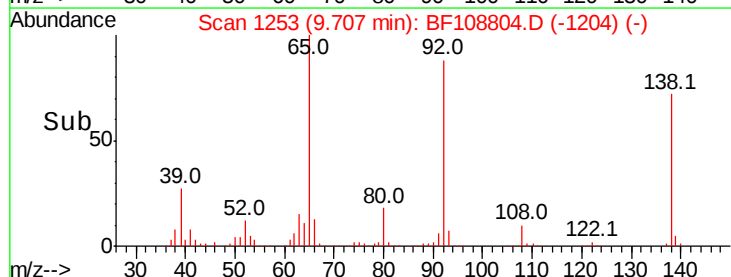
92 121.9 89.4 134.2

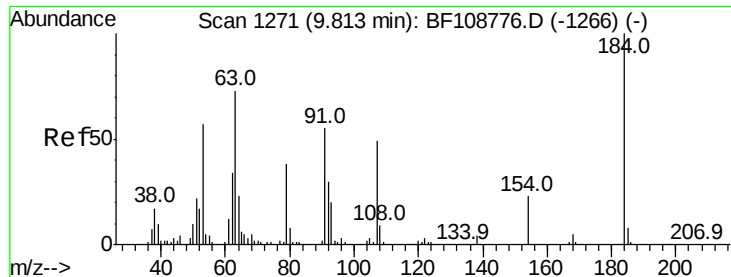


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

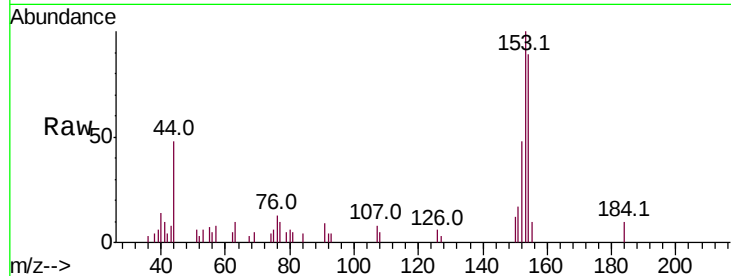




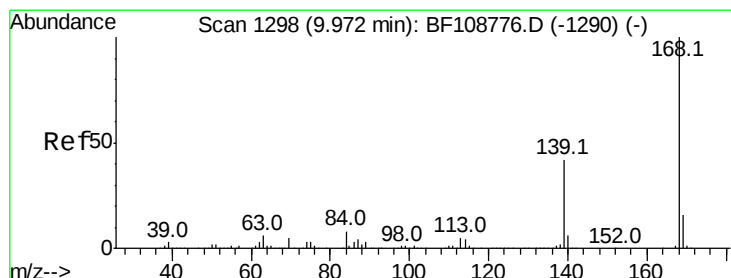
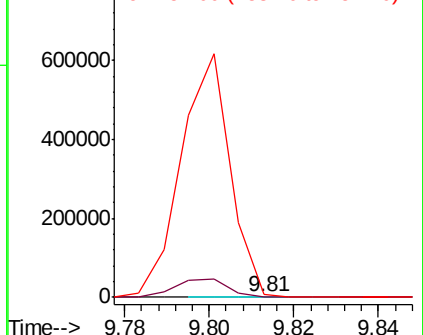
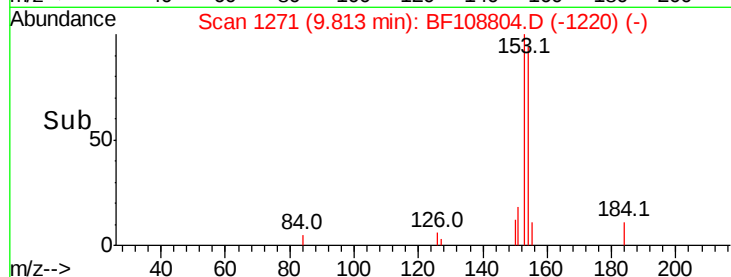
#53
2,4-Dinitrophenol
Concen: 9.682 ng
RT: 9.81 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BF108804.D
Acq: 6 Sep 2018 4:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 671
Ion Ratio Lower Upper
184 100
63 96.2 54.2 81.2#
154 890.1 184.0 276.0#

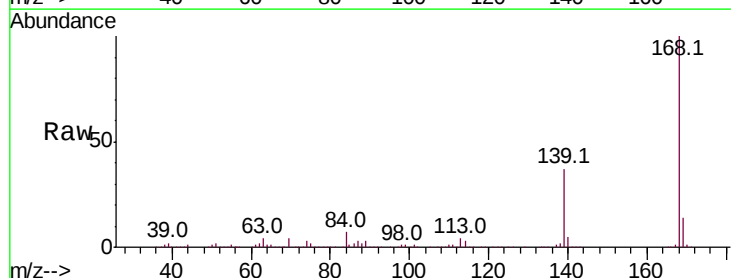


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

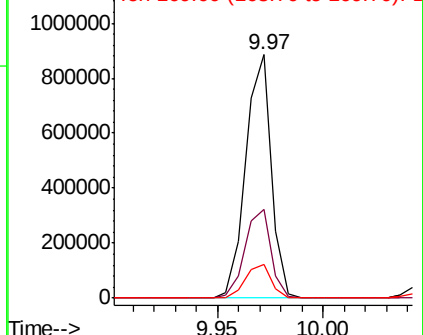
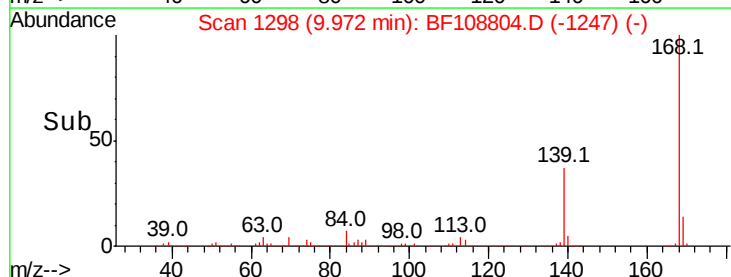


#54
Dibenzofuran
Concen: 27.999 ng
RT: 9.97 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BF108804.D
Acq: 6 Sep 2018 4:54

Tgt Ion:168 Resp: 740581
Ion Ratio Lower Upper
168 100
139 36.6 30.1 45.1
169 14.0 10.9 16.3



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

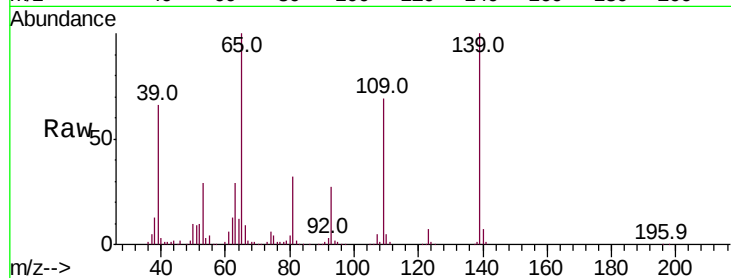




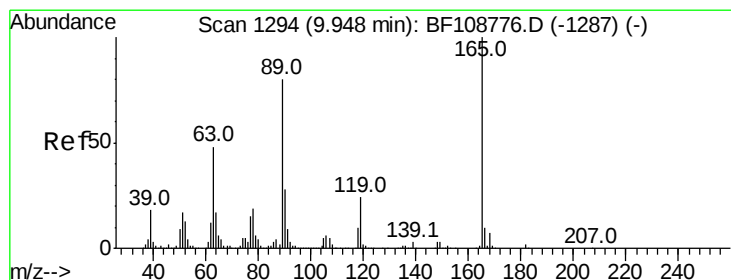
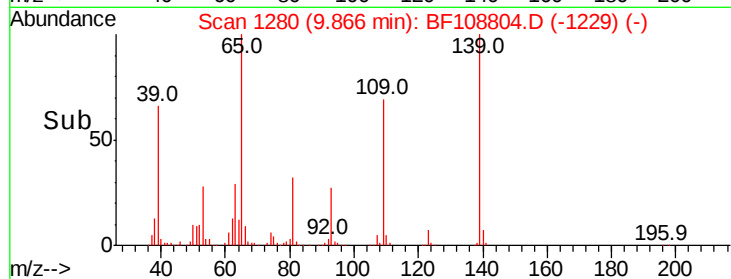
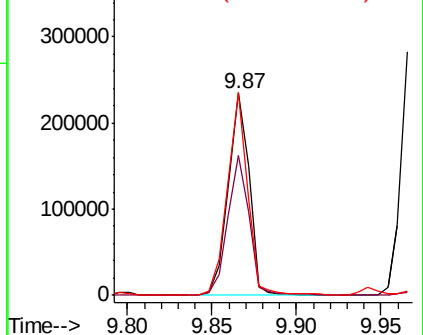
#55
4-Nitrophenol
Concen: 53.717 ng
RT: 9.87 min Scan# 1280
Delta R.T. -0.00 min
Lab File: BF108804.D
Acq: 6 Sep 2018 4:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	69.0	48.4	88.4
65	100.2	72.6	112.6



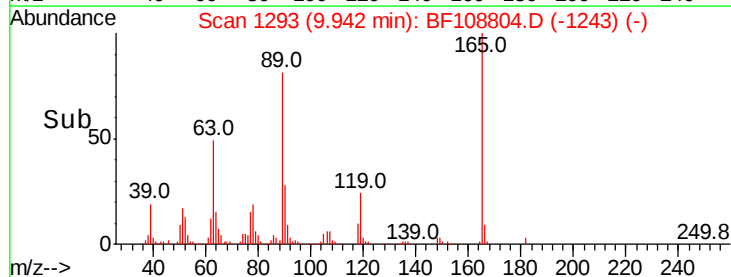
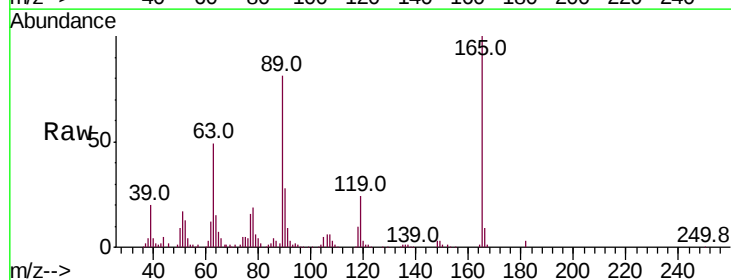
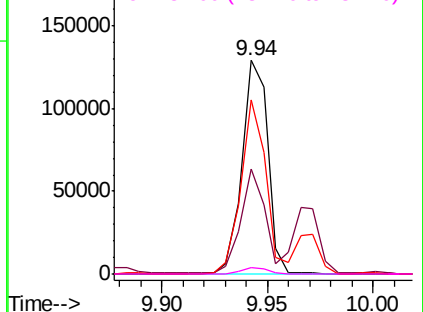
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

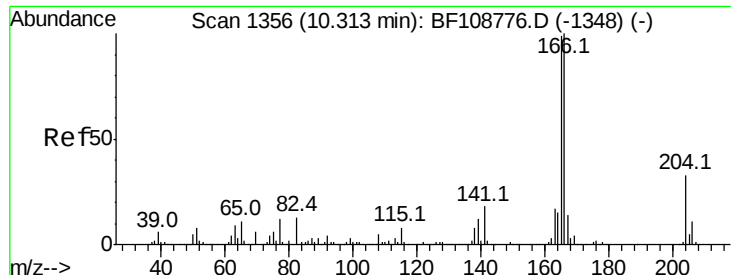


#56
2,4-Dinitrotoluene
Concen: 20.211 ng
RT: 9.94 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF108804.D
Acq: 6 Sep 2018 4:54

Tgt Ion	Ratio	Lower	Upper
165	100		
63	49.3	36.4	54.6
89	81.4	57.8	86.6
182	2.9	1.6	2.4#

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





#57

Fluorene

Concen: 31.885 ng

RT: 10.31 min Scan# 1356

Delta R.T. -0.00 min

Lab File: BF108804.D

Acq: 6 Sep 2018 4:54

Instrument :

BNA_F

ClientSampleId :

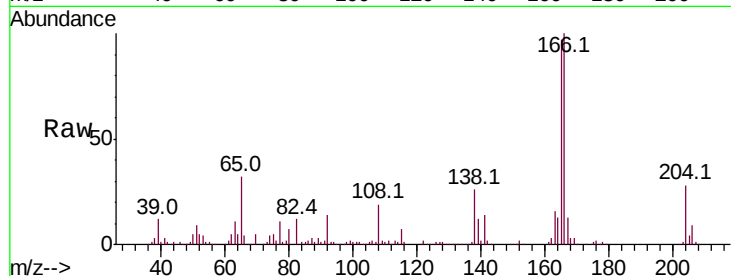
Tot Ion:166 Resp: 541214

Ion Ratio Lower Upper

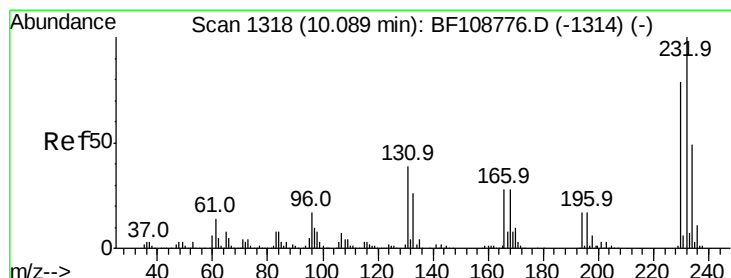
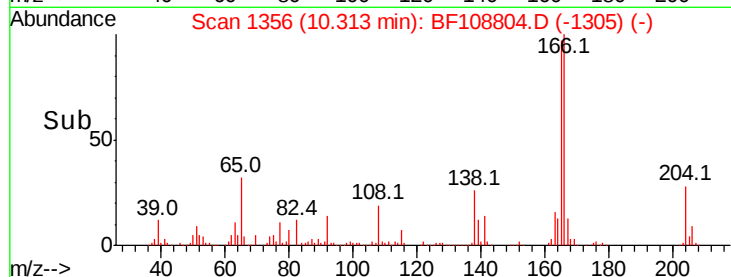
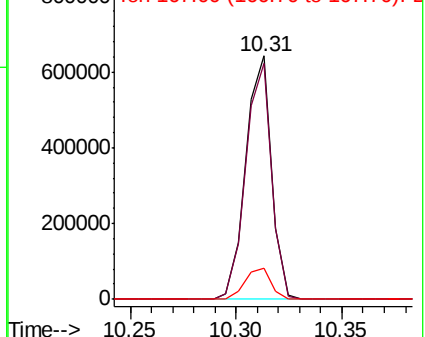
166 100

165 97.0 79.8 119.8

167 12.7 10.6 16.0



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 27.845 ng

RT: 10.09 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BF108804.D

Acq: 6 Sep 2018 4:54

Tgt Ion:232 Resp: 149738

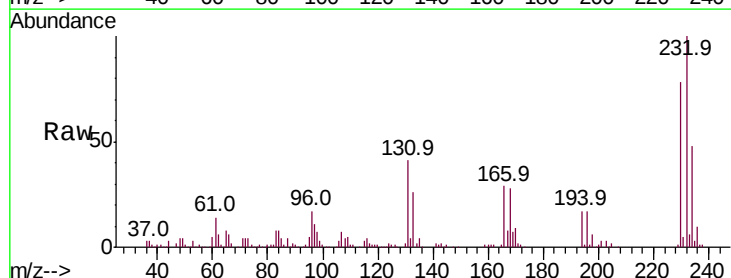
Ion Ratio Lower Upper

232 100

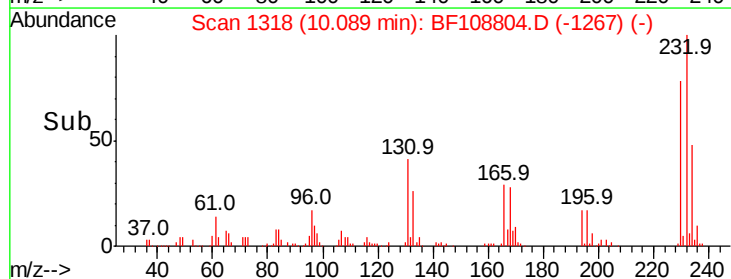
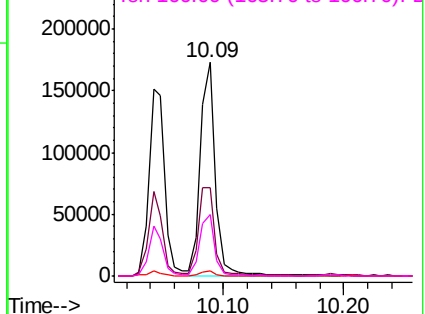
131 43.9 43.8 65.8

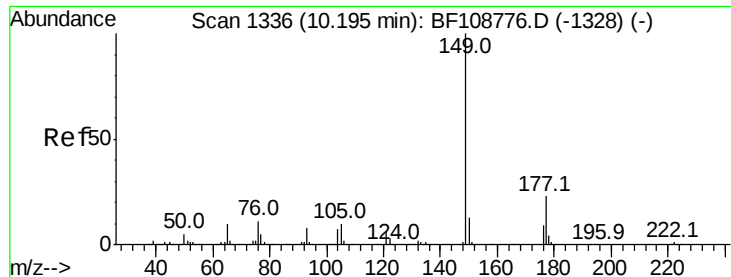
130 2.3 2.1 3.1

166 28.3 27.8 41.6



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

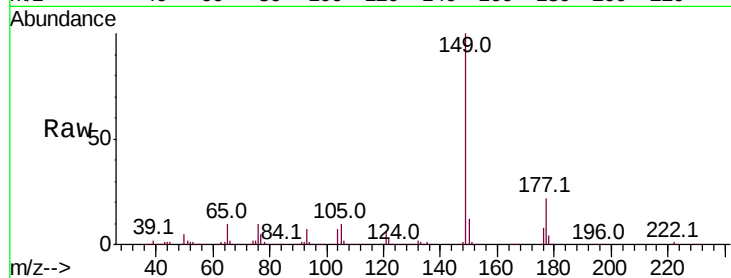




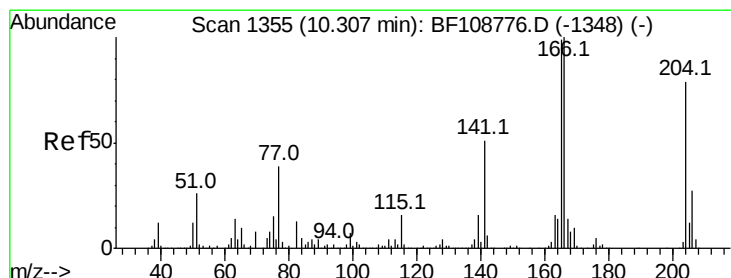
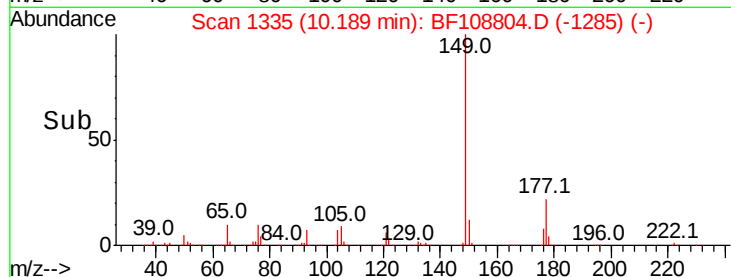
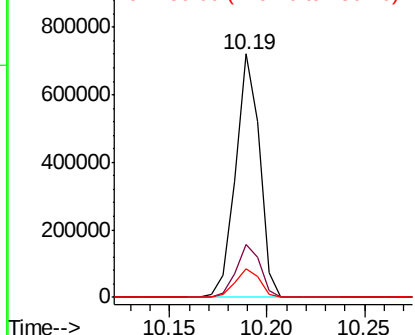
#59
Diethylphthalate
Concen: 26.867 ng
RT: 10.19 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF108804.D
Acq: 6 Sep 2018 4:54

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.8	16.1	24.1
150	12.0	10.1	15.1

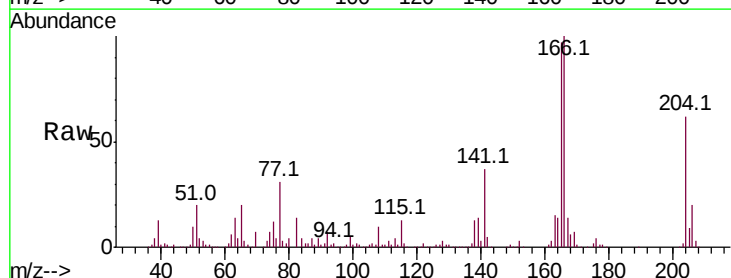


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

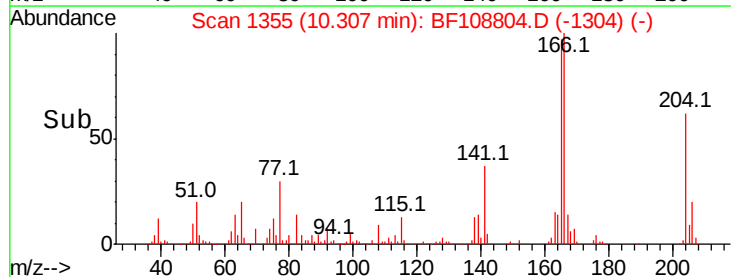
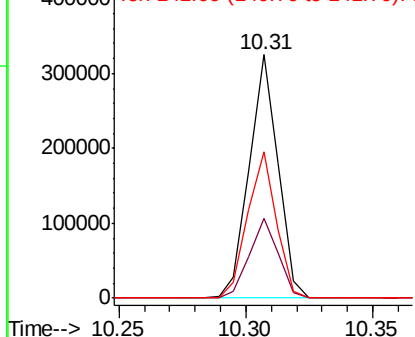


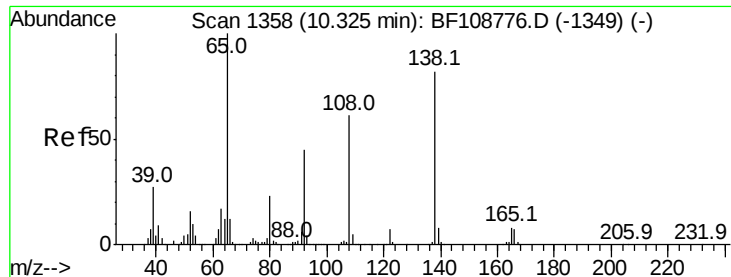
#60
4-Chlorophenyl-phenylether
Concen: 28.266 ng
RT: 10.31 min Scan# 1355
Delta R.T. -0.00 min
Lab File: BF108804.D
Acq: 6 Sep 2018 4:54

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.5	39.7
141	60.1	54.6	81.8



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

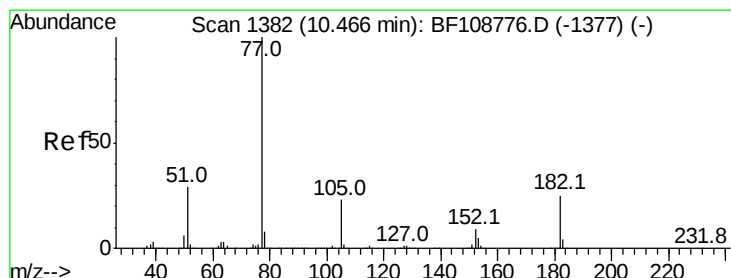
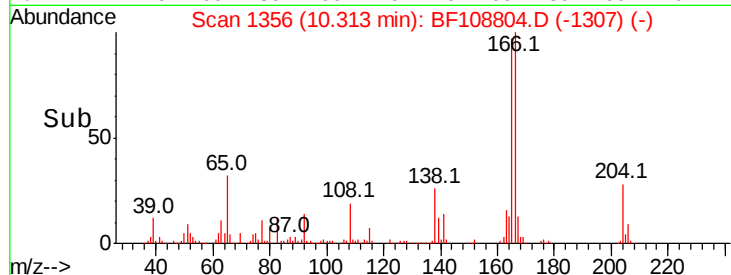
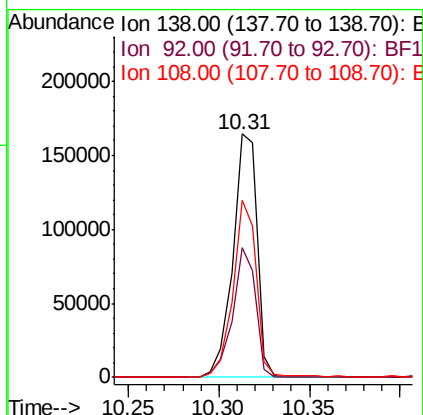
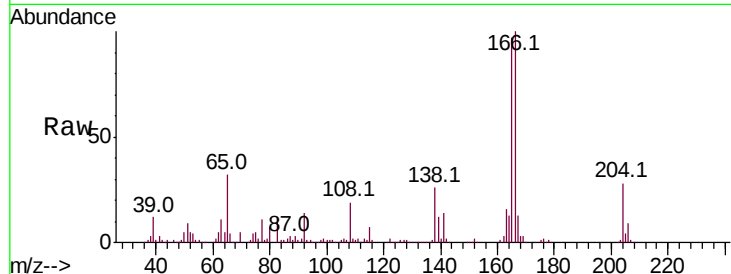




#61
4-Nitroaniline
Concen: 33.676 ng
RT: 10.31 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BF108804.D
Acq: 6 Sep 2018 4:54

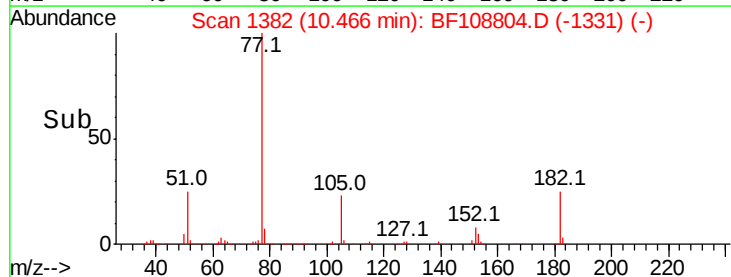
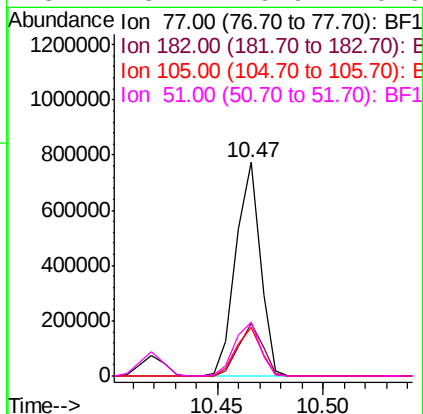
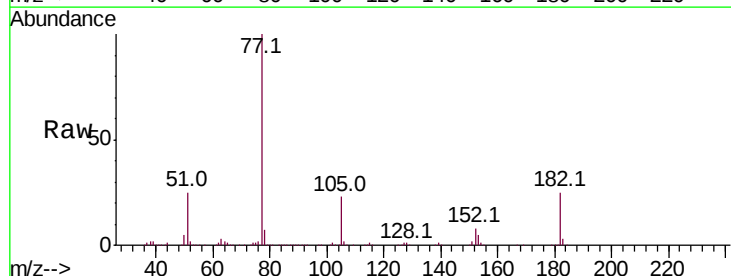
Instrument :
BNA_F
ClientSampleId :

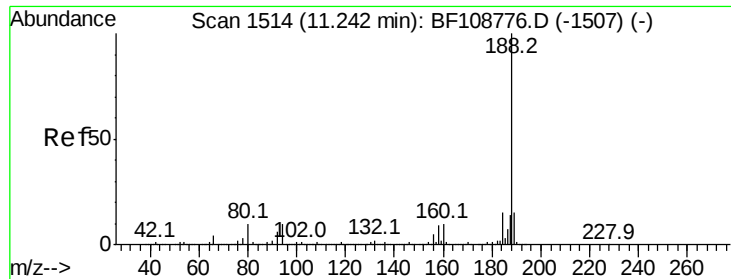
Tot Ion:138 Resp: 152922
Ion Ratio Lower Upper
138 100
92 53.0 30.2 70.2
108 72.6 52.5 92.5



#62
Azobenzene
Concen: 26.306 ng
RT: 10.47 min Scan# 1382
Delta R.T. -0.00 min
Lab File: BF108804.D
Acq: 6 Sep 2018 4:54

Tgt Ion: 77 Resp: 619254
Ion Ratio Lower Upper
77 100
182 24.9 1.7 41.7
105 22.8 3.0 43.0
51 25.4 9.9 49.9

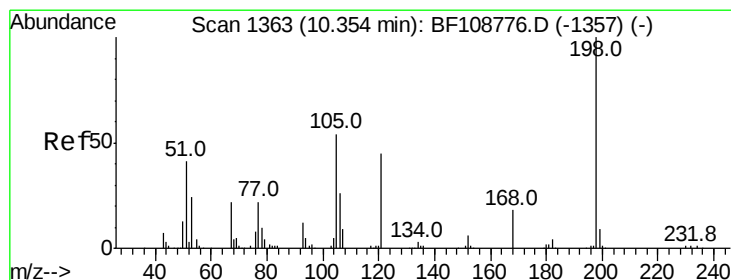
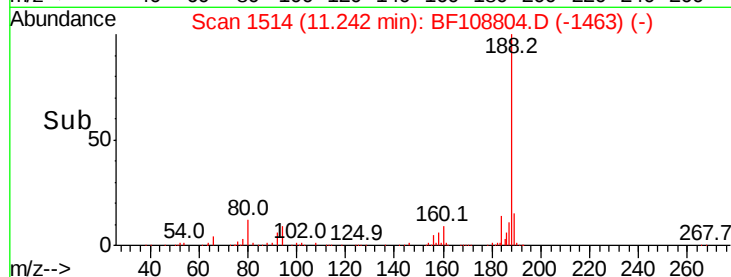
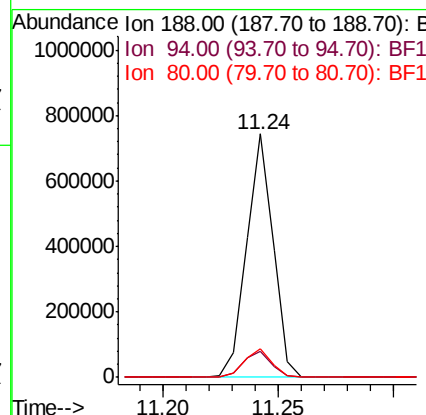
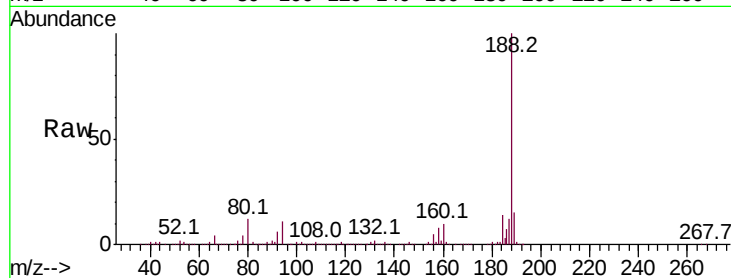




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1514
 Delta R.T. -0.00 min
 Lab File: BF108804.D
 Acq: 6 Sep 2018 4:54

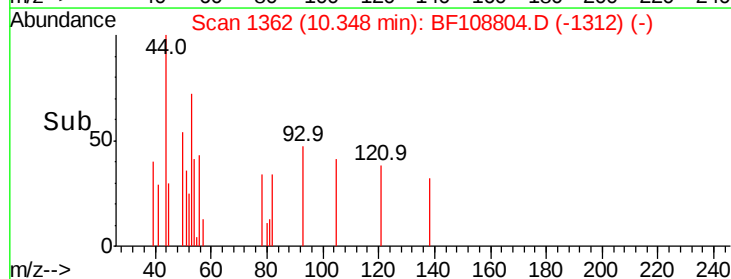
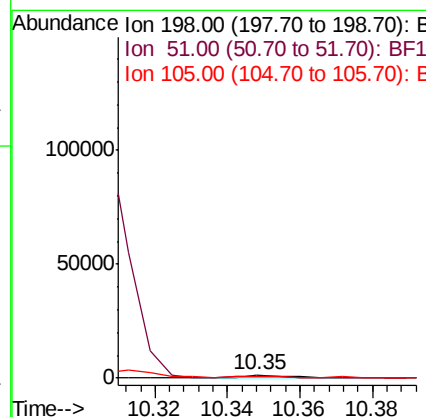
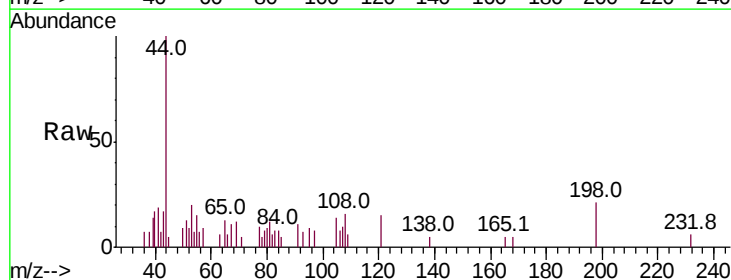
Instrument :
 BNA_F
 ClientSampled :

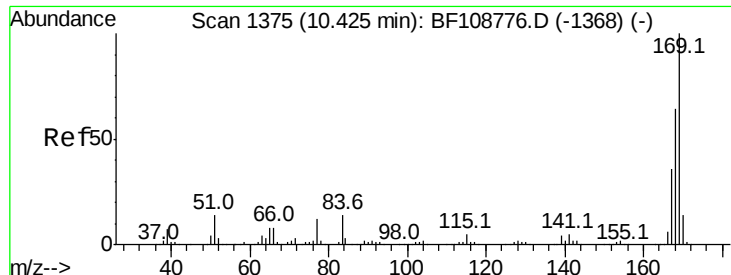
Tot Ion:188 Resp: 596871
 Ion Ratio Lower Upper
 188 100
 94 10.7 8.5 12.7
 80 11.8 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.284 ng
 RT: 10.35 min Scan# 1362
 Delta R.T. -0.01 min
 Lab File: BF108804.D
 Acq: 6 Sep 2018 4:54

Tgt Ion:198 Resp: 1137
 Ion Ratio Lower Upper
 198 100
 51 64.5 37.7 77.7
 105 65.3 36.3 76.3

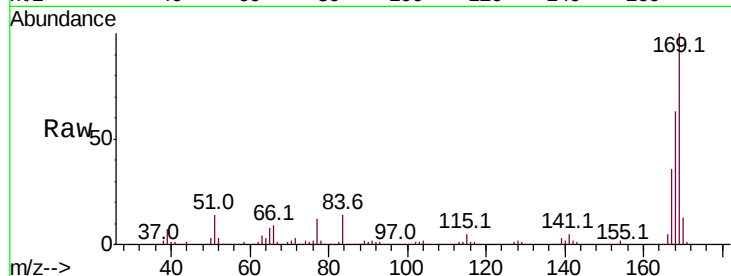




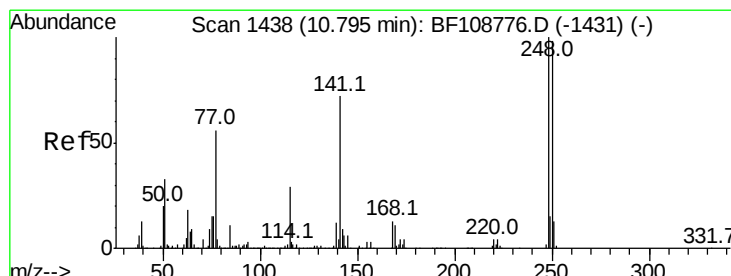
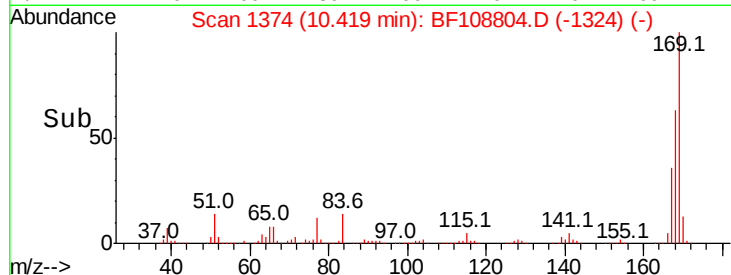
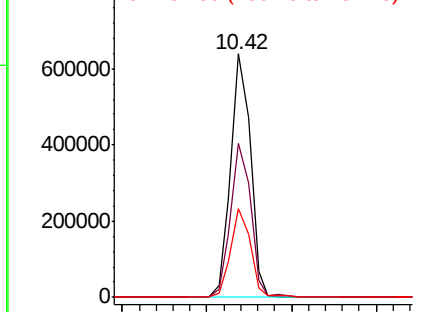
#65
 n-Nitrosodiphenylamine
 Concen: 26.219 ng
 RT: 10.42 min Scan# 1374
 Delta R.T. -0.01 min
 Lab File: BF108804.D
 Acq: 6 Sep 2018 4:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	63.2	54.4	81.6
167	36.3	29.8	44.6

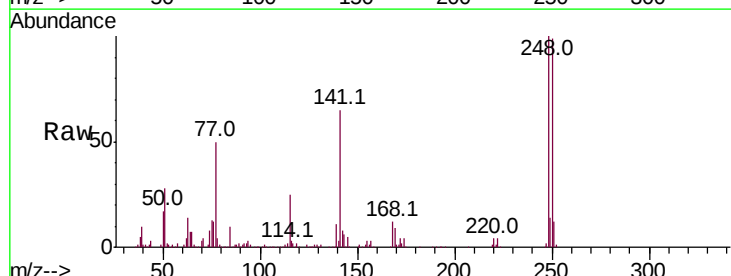


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

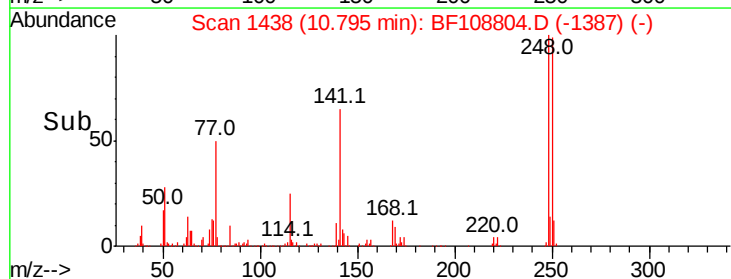
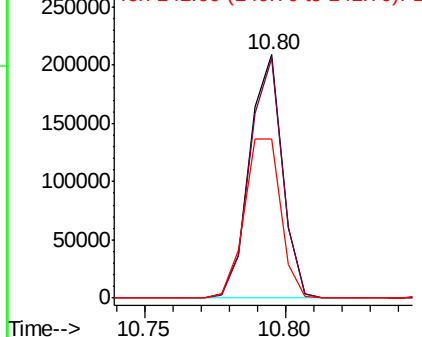


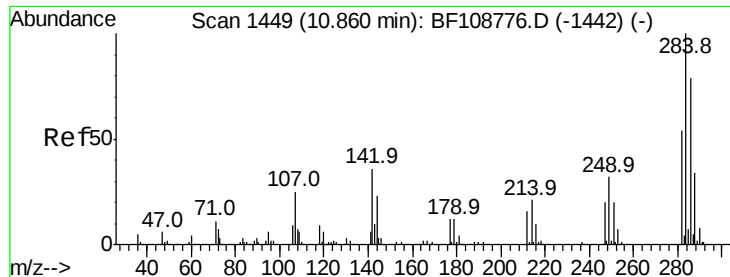
#66
 4-Bromophenyl-phenylether
 Concen: 25.006 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF108804.D
 Acq: 6 Sep 2018 4:54

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.6	76.9	115.3
141	65.5	74.4	111.6



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

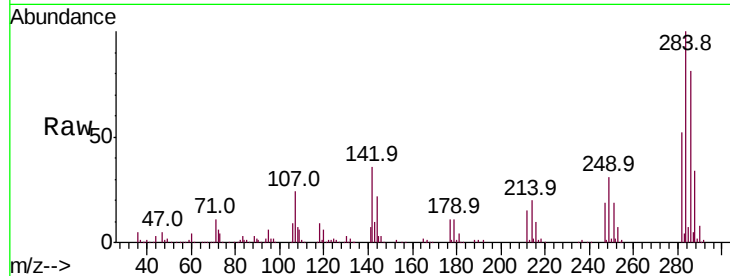




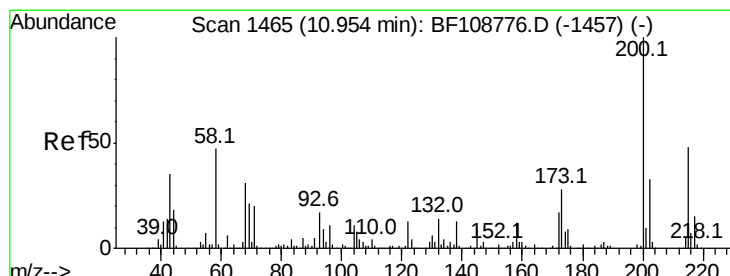
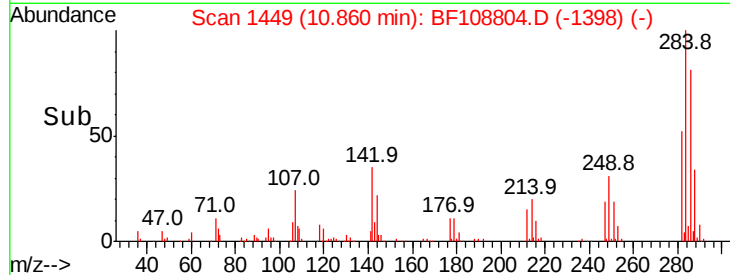
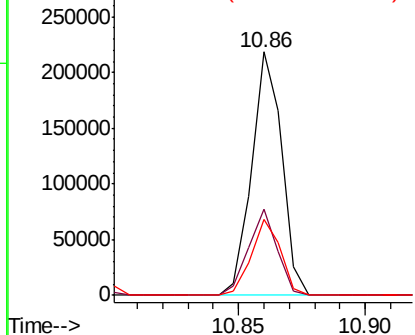
#67
Hexachlorobenzene
Concen: 25.099 ng
RT: 10.86 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BF108804.D
Acq: 6 Sep 2018 4:54

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
284	100		
142	35.5	34.6	52.0
249	31.2	24.8	37.2

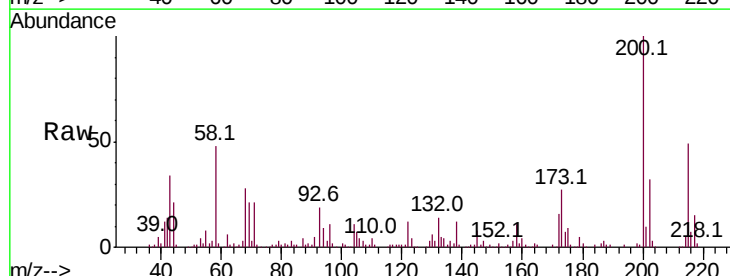


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

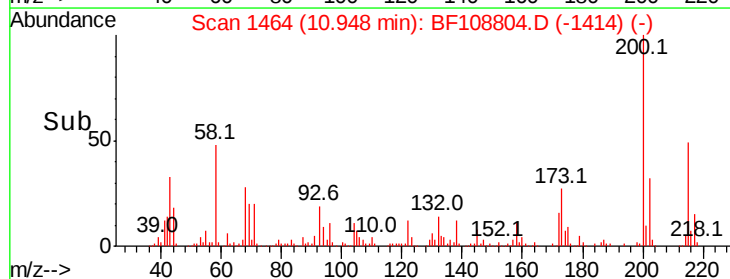
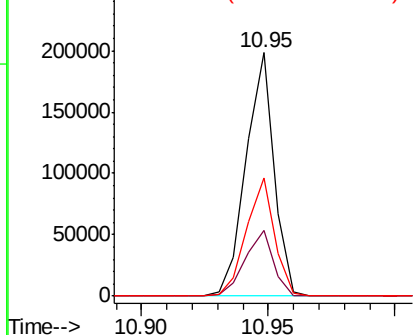


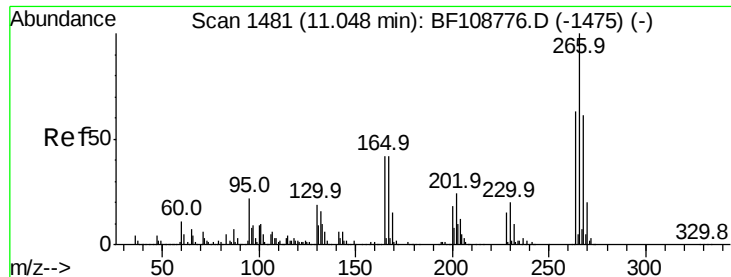
#68
Atrazine
Concen: 24.111 ng
RT: 10.95 min Scan# 1464
Delta R.T. -0.01 min
Lab File: BF108804.D
Acq: 6 Sep 2018 4:54

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.8	8.6	48.6
215	48.5	25.1	65.1



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

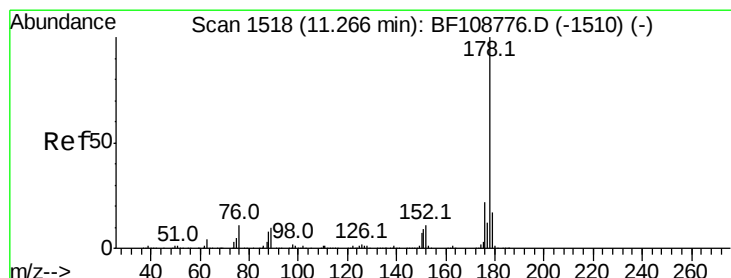
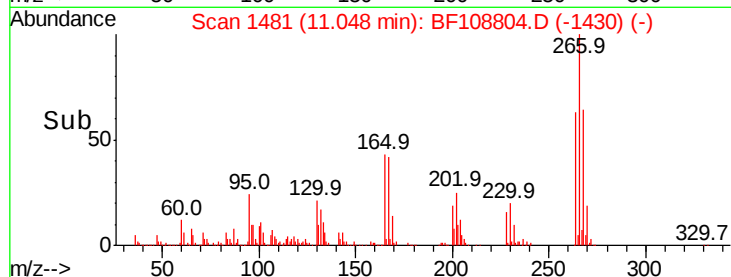
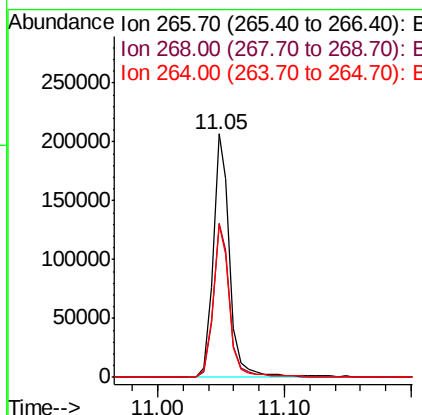
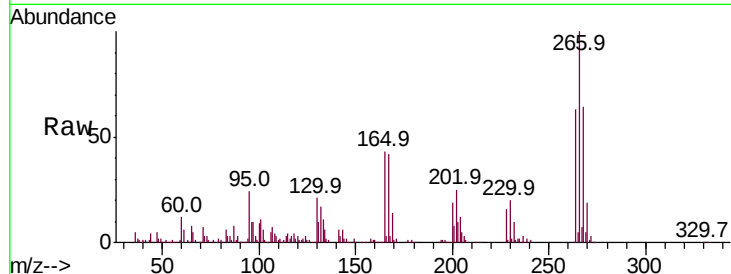




#69
 Pentachlorophenol
 Concen: 43.708 ng
 RT: 11.05 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: BF108804.D
 Acq: 6 Sep 2018 4:54

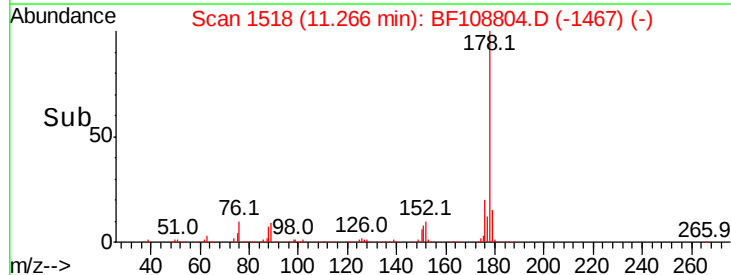
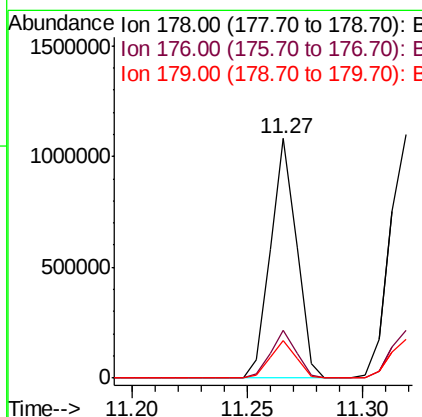
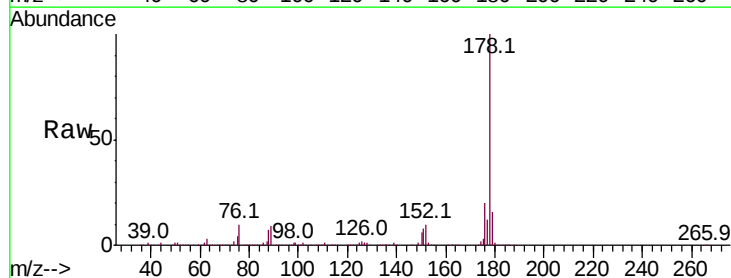
Instrument :
 BNA_F
 ClientSampleId :

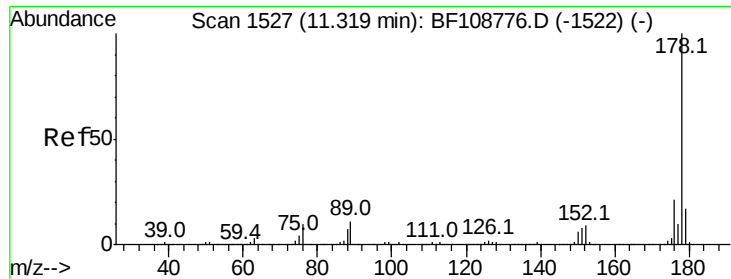
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.5	51.1	76.7
264	63.0	49.5	74.3



#70
 Phenanthrene
 Concen: 29.864 ng
 RT: 11.27 min Scan# 1518
 Delta R.T. -0.00 min
 Lab File: BF108804.D
 Acq: 6 Sep 2018 4:54

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	15.7	13.0	19.6

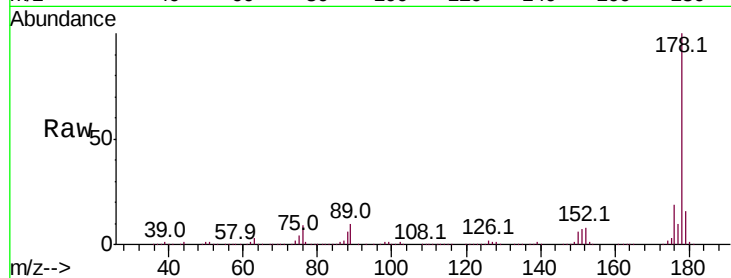




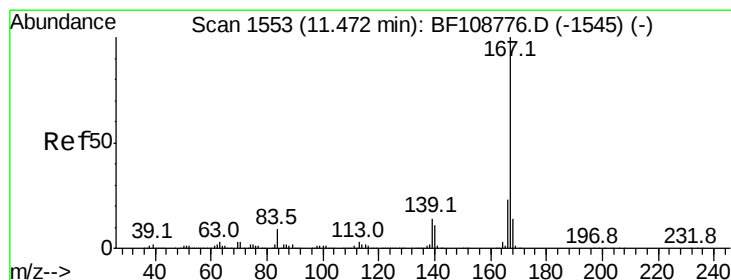
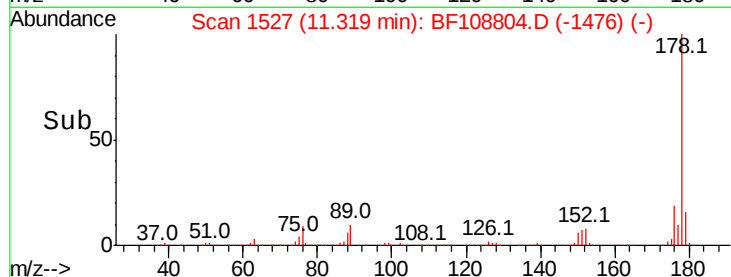
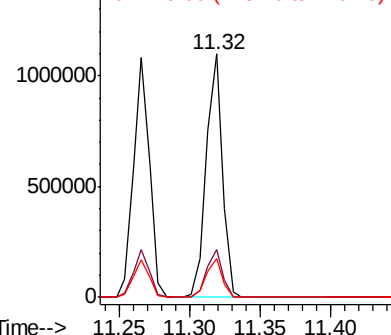
#71
 Anthracene
 Concen: 32.034 ng
 RT: 11.32 min Scan# 1527
 Delta R.T. -0.00 min
 Lab File: BF108804.D
 Acq: 6 Sep 2018 4:54

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 874230
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.2
 179 15.8 12.6 19.0

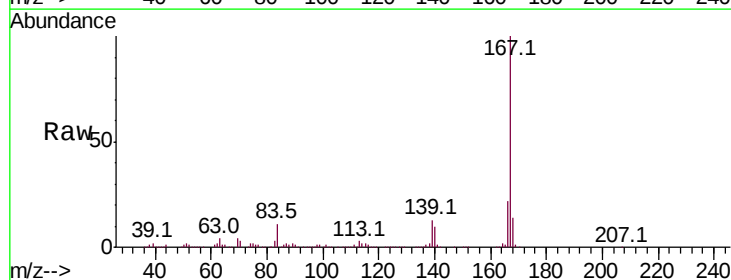


Abundance Ion 178.00 (177.70 to 178.70): E
 1500000 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

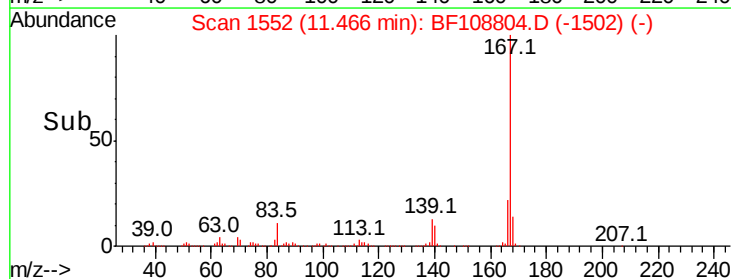
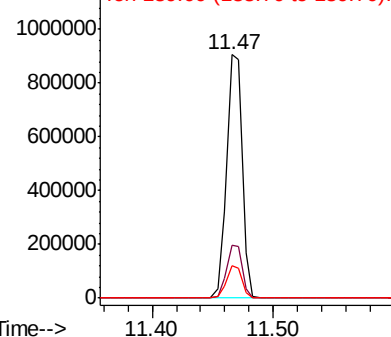


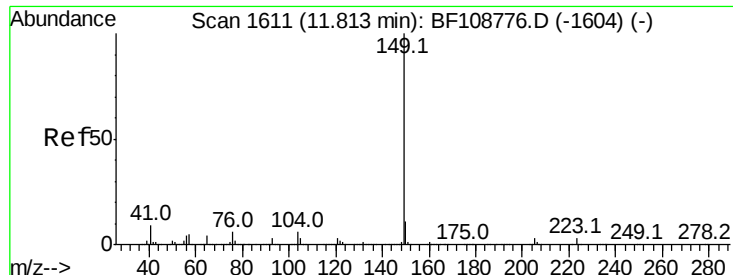
#72
 Carbazole
 Concen: 28.646 ng
 RT: 11.47 min Scan# 1552
 Delta R.T. -0.01 min
 Lab File: BF108804.D
 Acq: 6 Sep 2018 4:54

Tgt Ion:167 Resp: 823284
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.6 26.4
 139 13.2 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E
 1200000 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 29.818 ng

RT: 11.81 min Scan# 1611

Delta R.T. -0.00 min

Lab File: BF108804.D

Acq: 6 Sep 2018 4:54

Instrument :

BNA_F

ClientSampleId :

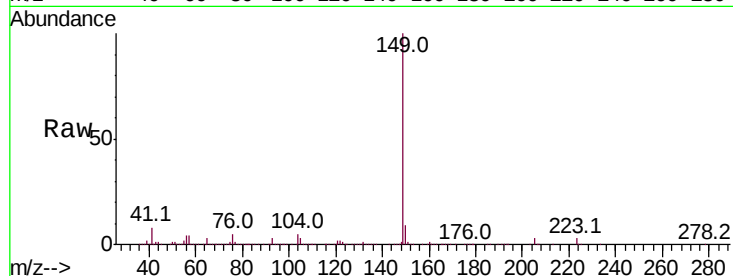
Tot Ion:149 Resp: 951674

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

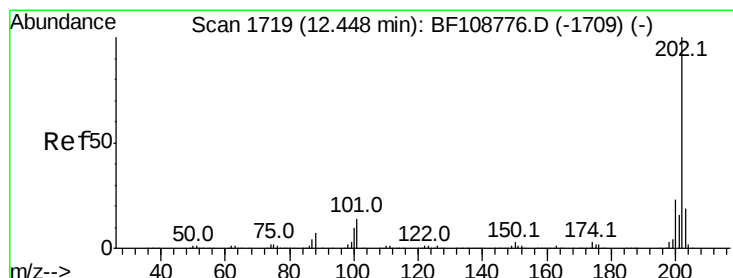
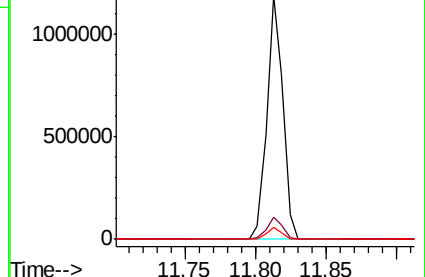
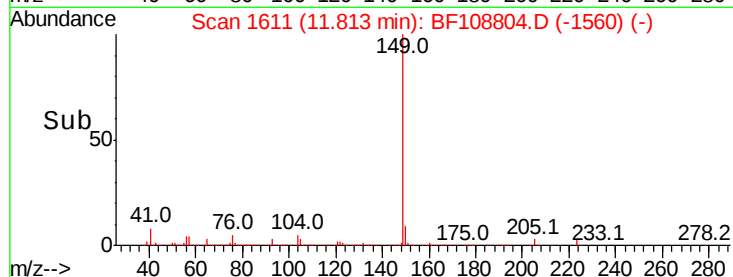
104 4.9 3.8 5.8



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



#74

Fluoranthene

Concen: 34.465 ng

RT: 12.45 min Scan# 1719

Delta R.T. -0.00 min

Lab File: BF108804.D

Acq: 6 Sep 2018 4:54

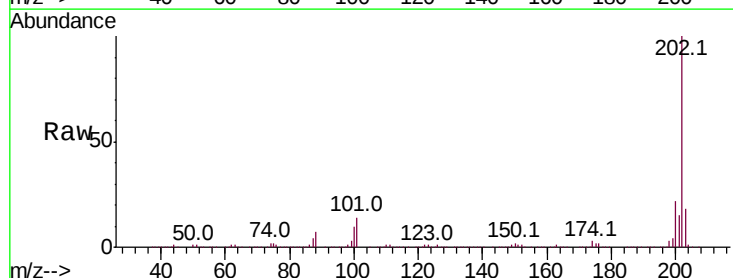
Tgt Ion:202 Resp: 972632

Ion Ratio Lower Upper

202 100

101 14.2 0.0 34.1

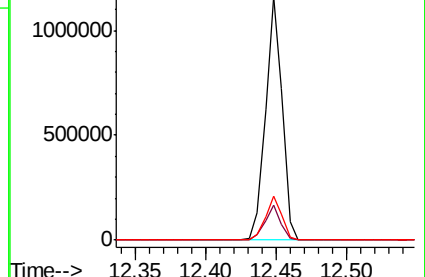
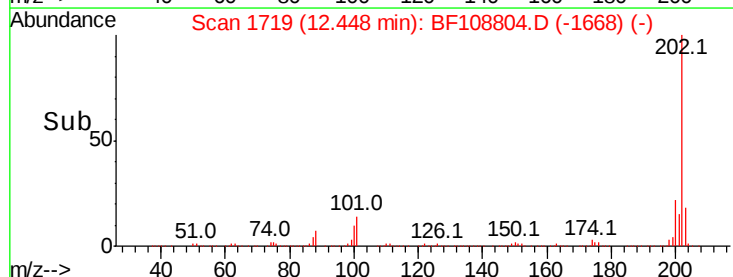
203 18.1 0.0 38.1

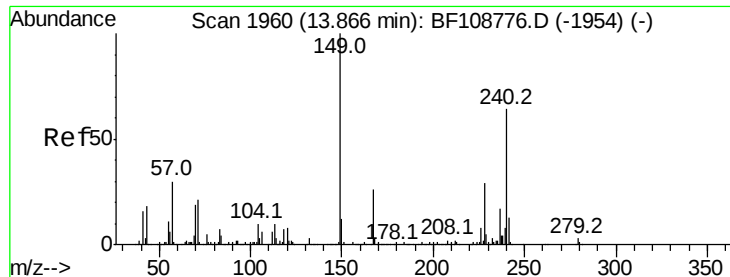


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 1961

Delta R.T. 0.01 min

Lab File: BF108804.D

Acq: 6 Sep 2018 4:54

Instrument :

BNA_F

ClientSampleId :

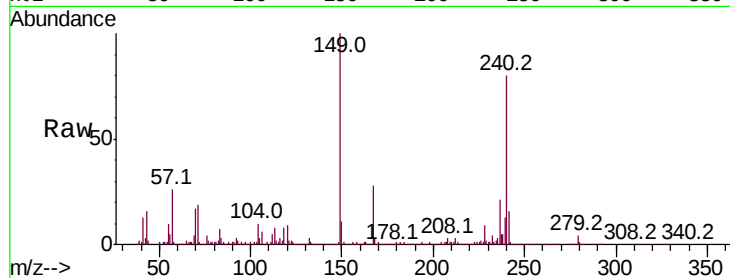
Tot Ion:240 Resp: 500003

Ion Ratio Lower Upper

240 100

120 11.5 9.5 14.3

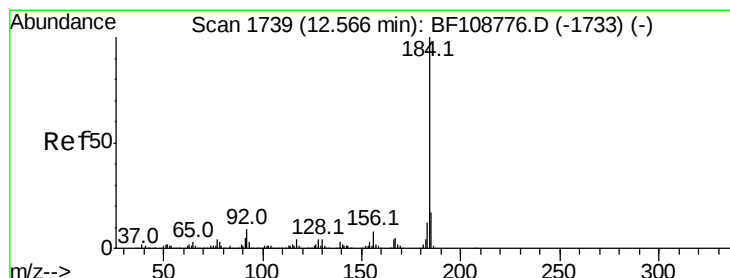
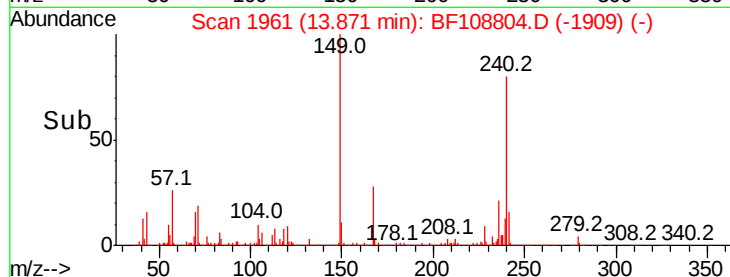
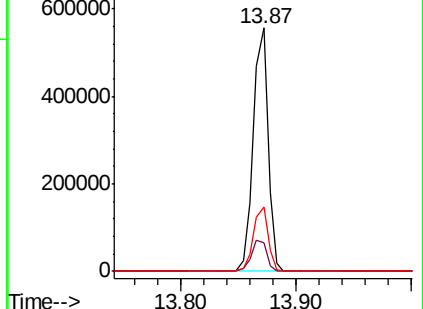
236 26.6 20.7 31.1



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



#76

Benzidine

Concen: 22.450 ng

RT: 12.57 min Scan# 1740

Delta R.T. 0.01 min

Lab File: BF108804.D

Acq: 6 Sep 2018 4:54

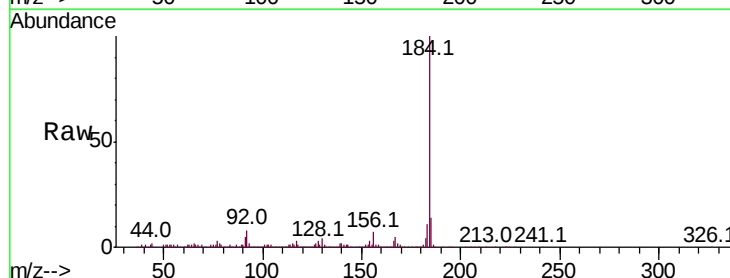
Tgt Ion:184 Resp: 532017

Ion Ratio Lower Upper

184 100

185 14.2 12.6 18.8

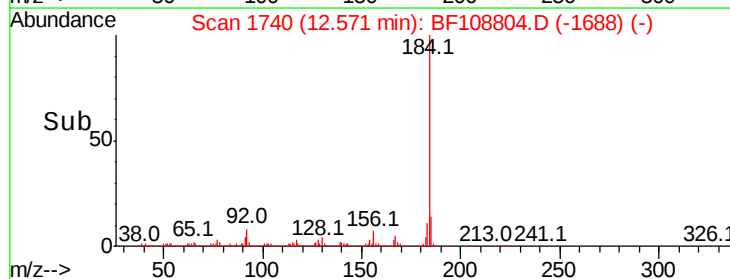
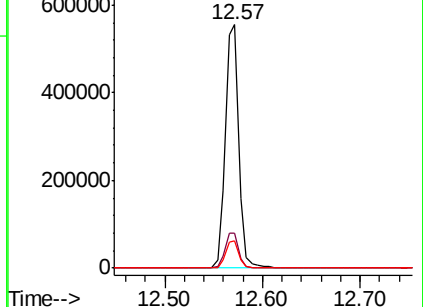
183 11.4 9.3 13.9

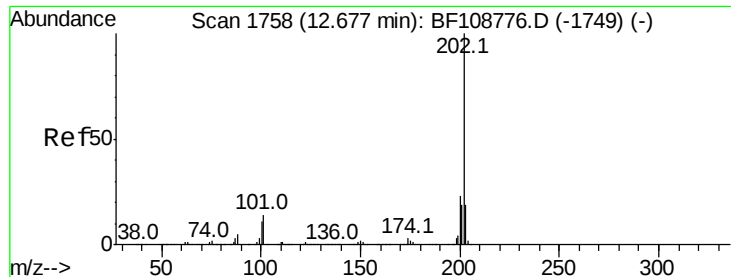


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 25.857 ng

RT: 12.68 min Scan# 1758

Delta R.T. -0.00 min

Lab File: BF108804.D

Acq: 6 Sep 2018 4:54

Instrument :

BNA_F

ClientSampled :

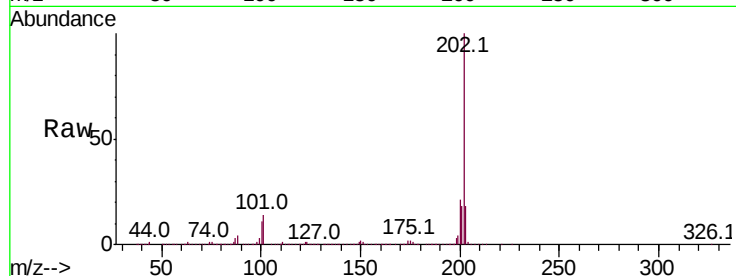
Tot Ion:202 Resp: 994844

Ion Ratio Lower Upper

202 100

200 21.4 17.4 26.2

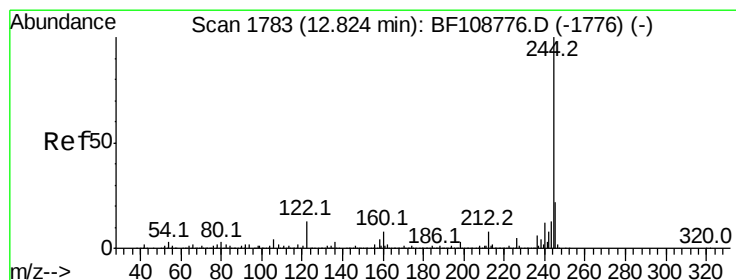
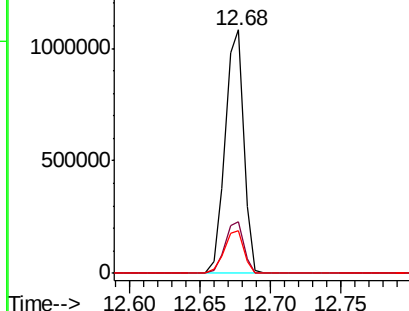
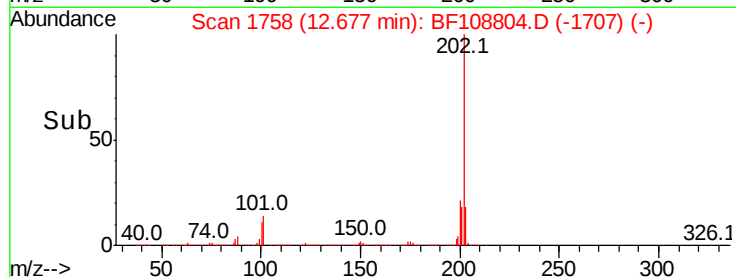
203 17.6 14.3 21.5



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



#78

Terphenyl-d14

Concen: 54.077 ng

RT: 12.82 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF108804.D

Acq: 6 Sep 2018 4:54

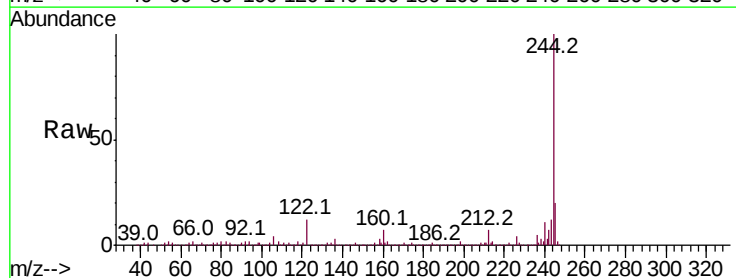
Tgt Ion:244 Resp: 1159507

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

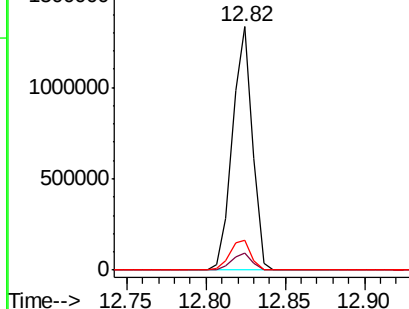
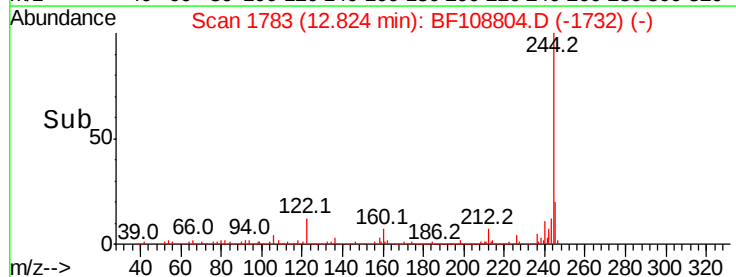
122 12.2 11.0 16.4

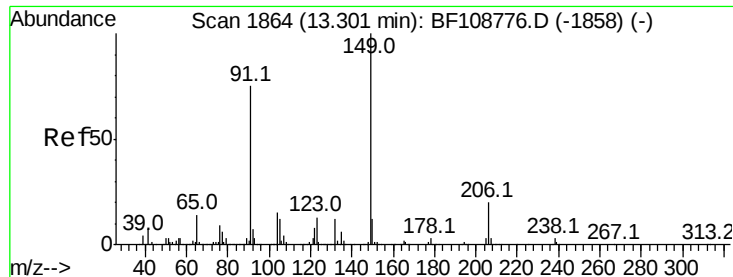


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

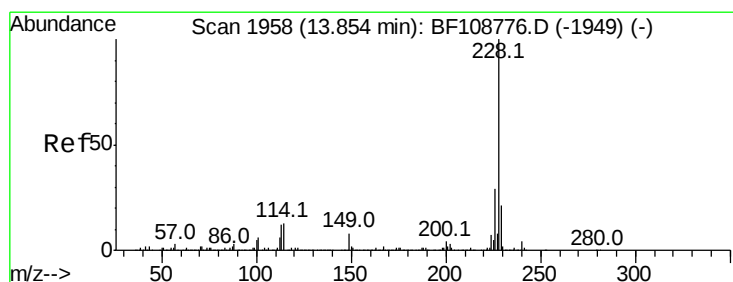
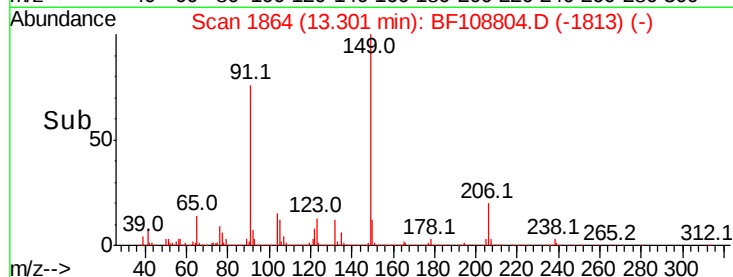
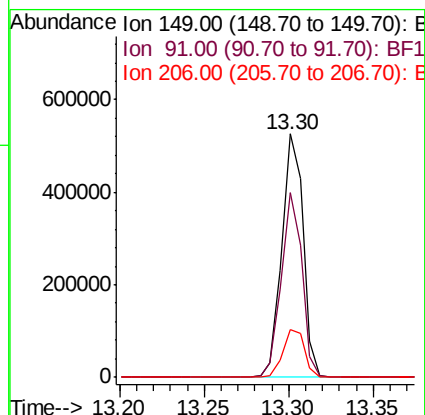
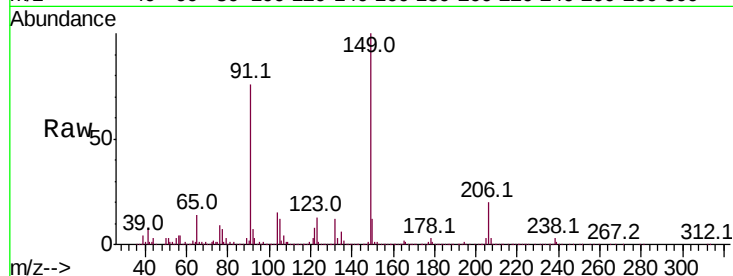




#79
Butylbenzylphthalate
Concen: 26.464 ng
RT: 13.30 min Scan# 1864
Delta R.T. -0.00 min
Lab File: BF108804.D
Acq: 6 Sep 2018 4:54

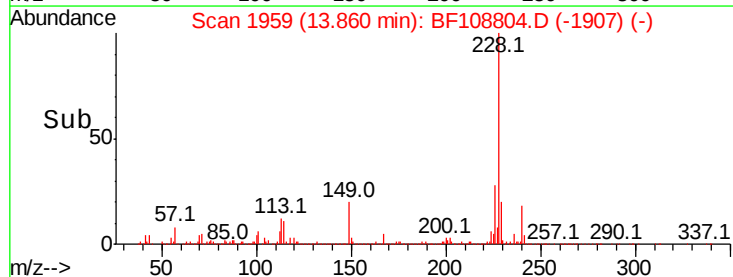
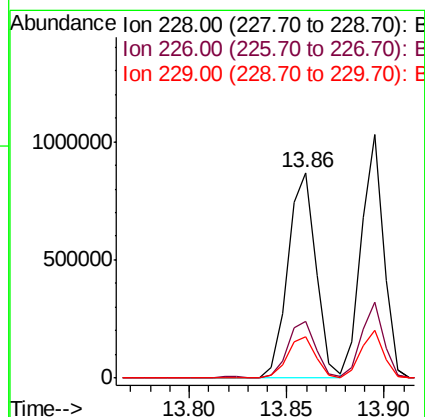
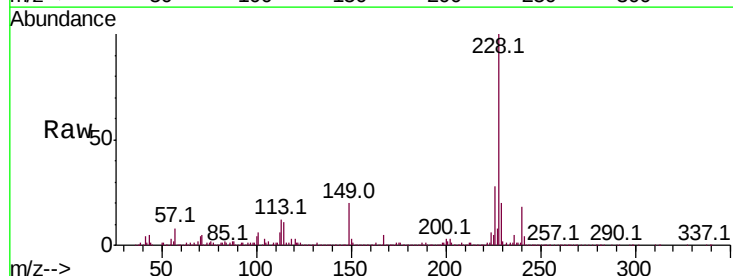
Instrument :
BNA_F
ClientSampleId :

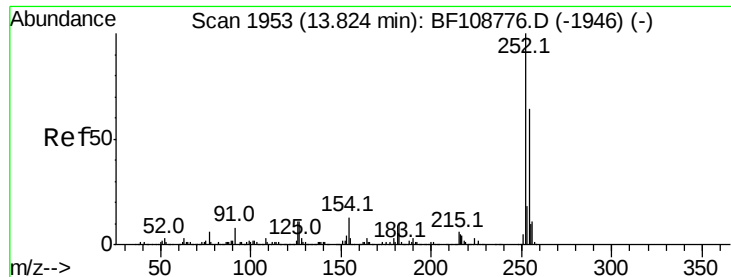
Tot Ion:149 Resp: 458523
Ion Ratio Lower Upper
149 100
91 75.9 56.8 85.2
206 19.6 14.1 21.1



#80
Benzo(a)anthracene
Concen: 26.893 ng
RT: 13.86 min Scan# 1959
Delta R.T. 0.01 min
Lab File: BF108804.D
Acq: 6 Sep 2018 4:54

Tgt Ion:228 Resp: 861878
Ion Ratio Lower Upper
228 100
226 27.6 22.6 33.8
229 19.9 15.8 23.6





#81

3,3'-Dichlorobenzidine

Concen: 25.375 ng

RT: 13.82 min Scan# 1953

Delta R.T. -0.00 min

Lab File: BF108804.D

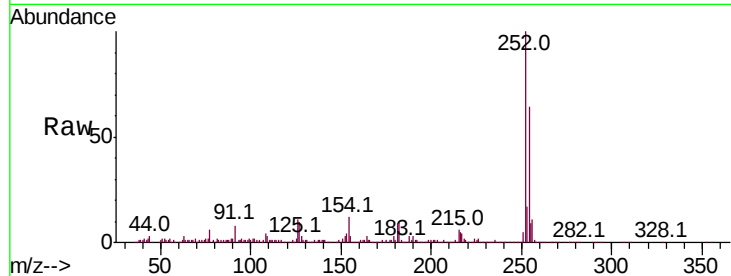
Acq: 6 Sep 2018 4:54

Instrument :

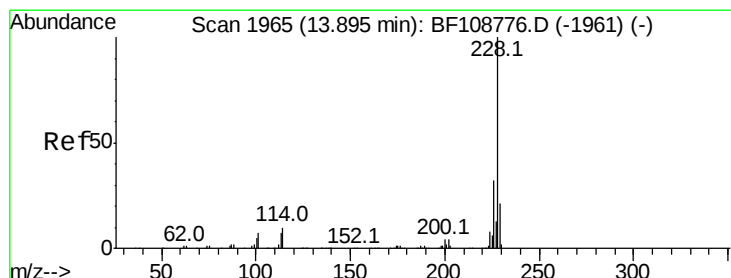
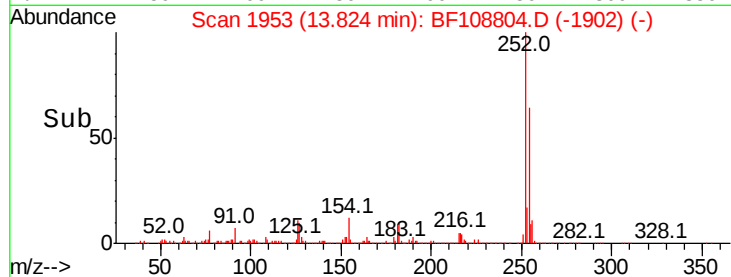
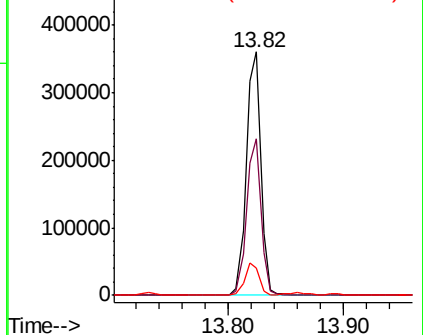
BNA_F

ClientSampled :

Tot Ion:252	Resp:	316839
Ion Ratio	Lower	Upper
252	100	
254	64.1	50.4 75.6
126	11.0	11.3 16.9#



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



#82

Chrysene

Concen: 26.361 ng

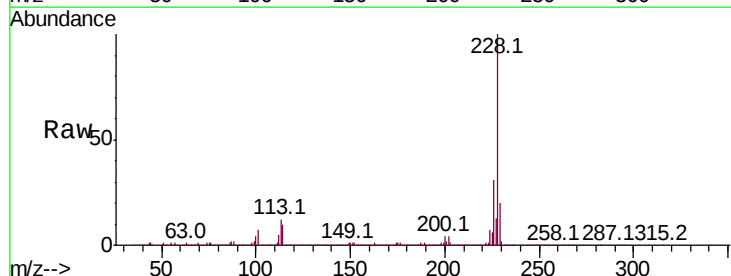
RT: 13.89 min Scan# 1965

Delta R.T. -0.00 min

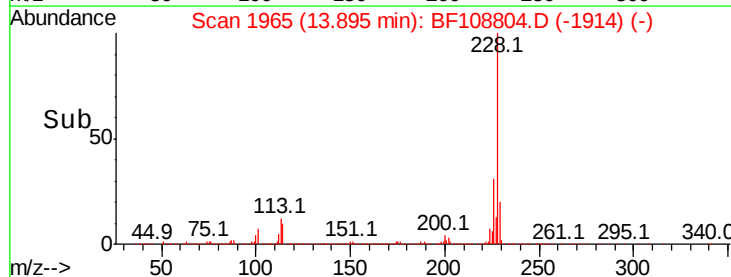
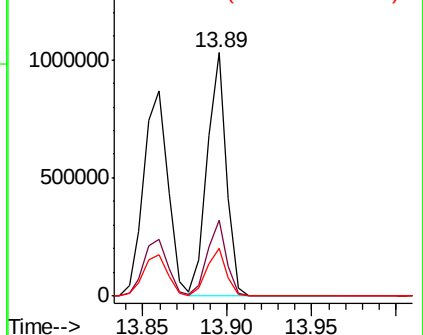
Lab File: BF108804.D

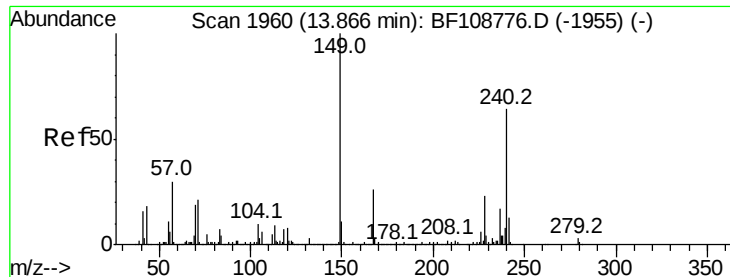
Acq: 6 Sep 2018 4:54

Tgt Ion:228	Resp:	817861
Ion Ratio	Lower	Upper
228	100	
226	31.2	25.0 37.6
229	19.9	16.2 24.4



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

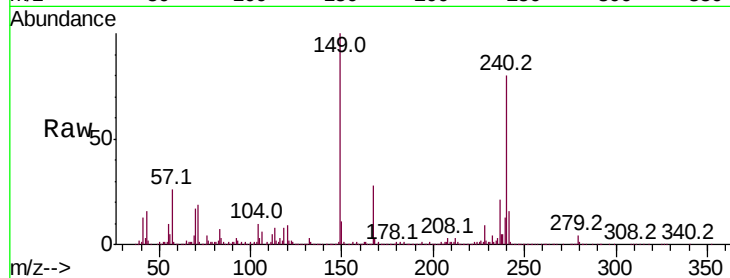




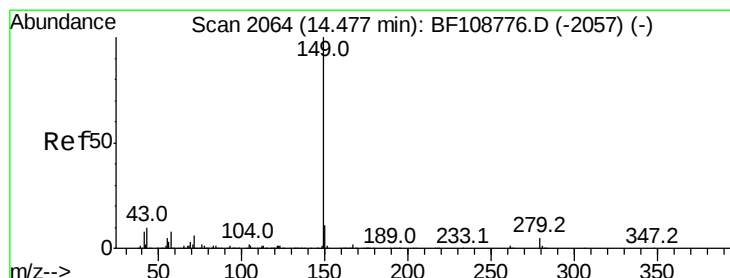
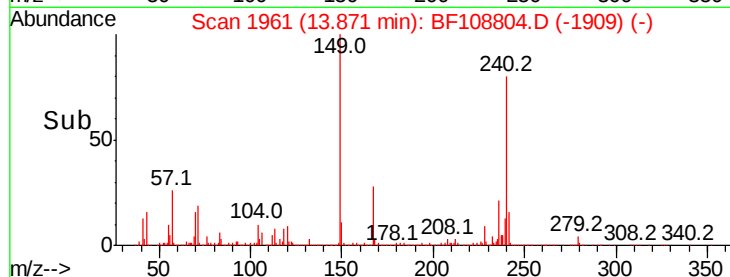
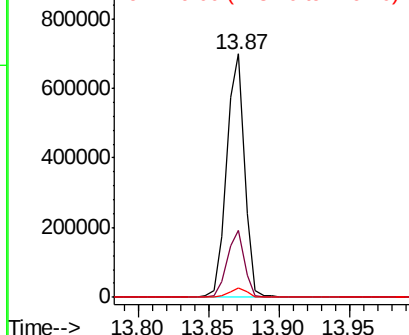
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 28.062 ng
 RT: 13.87 min Scan# 1961
 Delta R.T. 0.01 min
 Lab File: BF108804.D
 Acq: 6 Sep 2018 4:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 611020
 Ion Ratio Lower Upper
 149 100
 167 27.6 21.3 31.9
 279 3.8 3.0 4.4

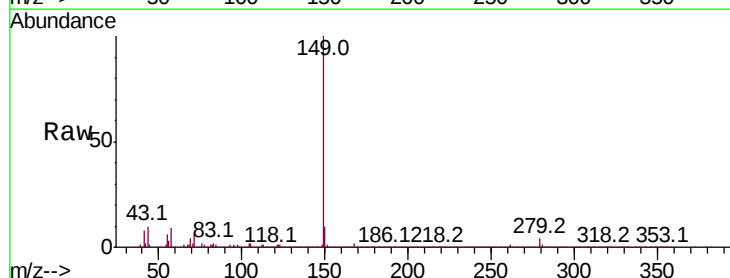


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

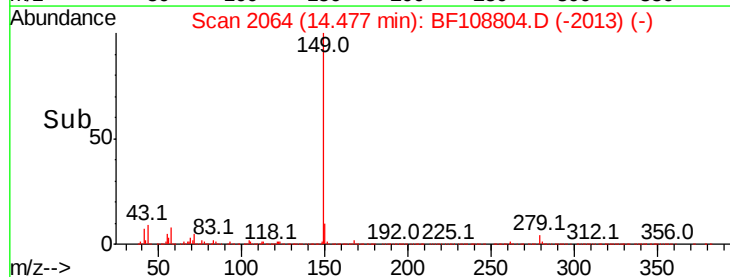
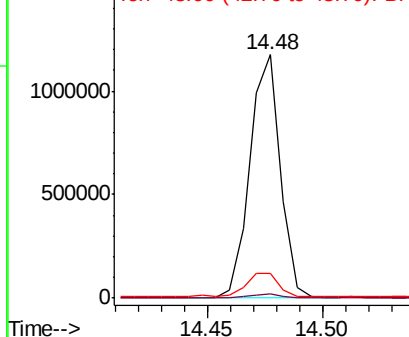


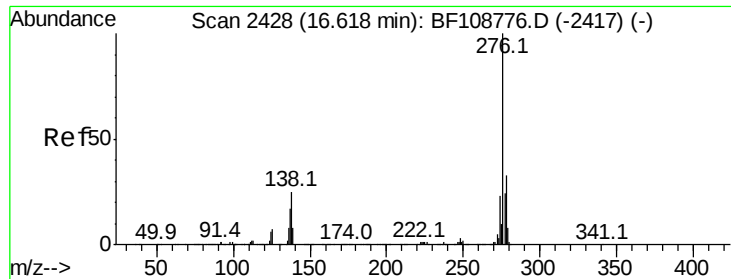
#84
 Di-n-octyl phthalate
 Concen: 29.785 ng
 RT: 14.48 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: BF108804.D
 Acq: 6 Sep 2018 4:54

Tgt Ion:149 Resp: 1081237
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 10.4 8.4 12.6



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

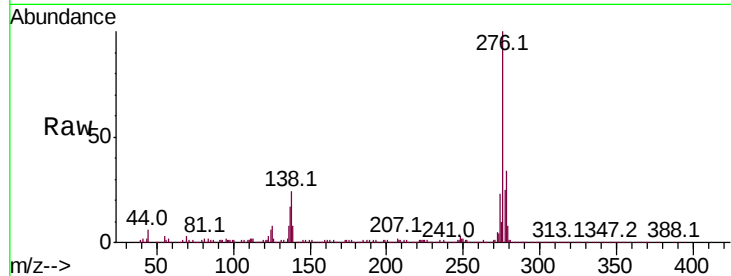




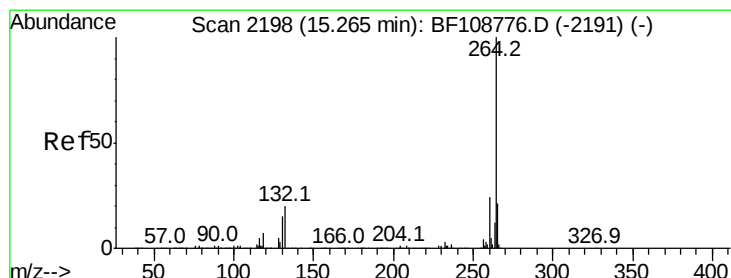
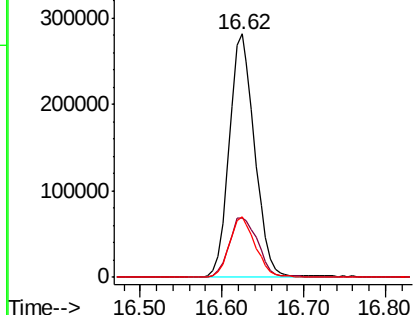
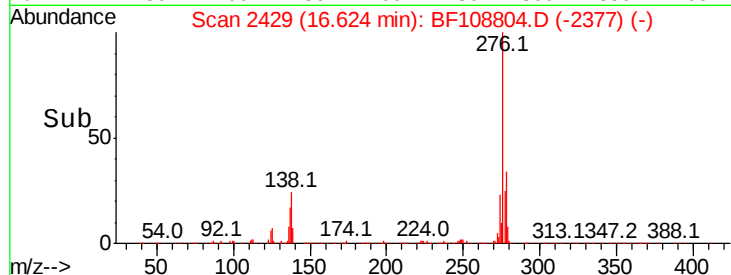
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 22.009 ng
 RT: 16.62 min Scan# 2429
 Delta R.T. 0.01 min
 Lab File: BF108804.D
 Acq: 6 Sep 2018 4:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.3	25.0	37.6
277	25.2	20.1	30.1

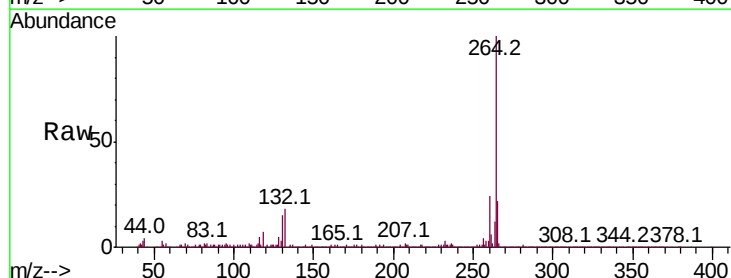


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

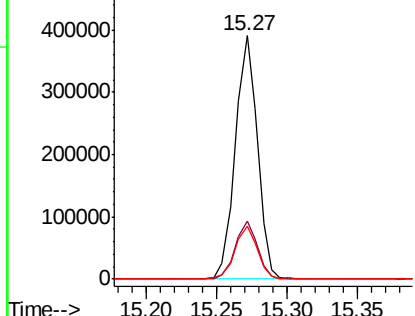
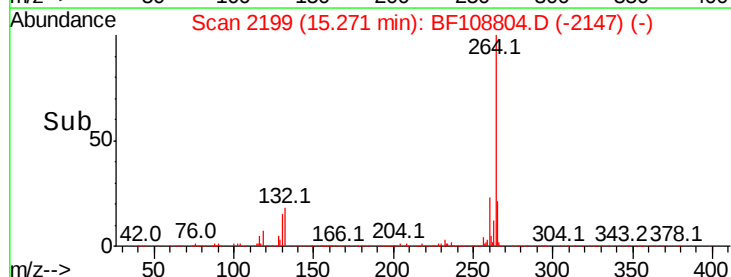


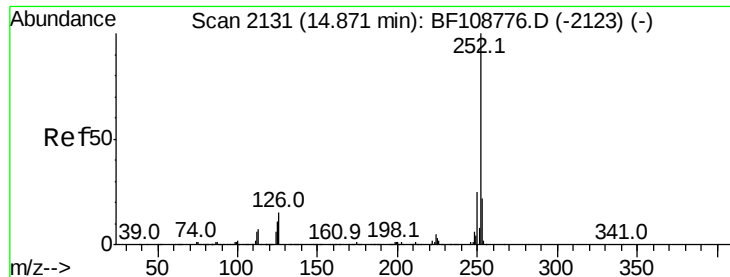
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2199
 Delta R.T. 0.01 min
 Lab File: BF108804.D
 Acq: 6 Sep 2018 4:54

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.7	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

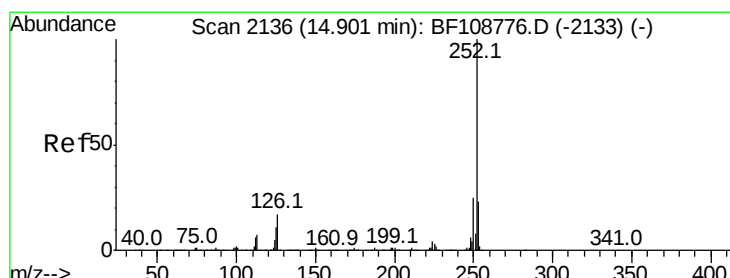
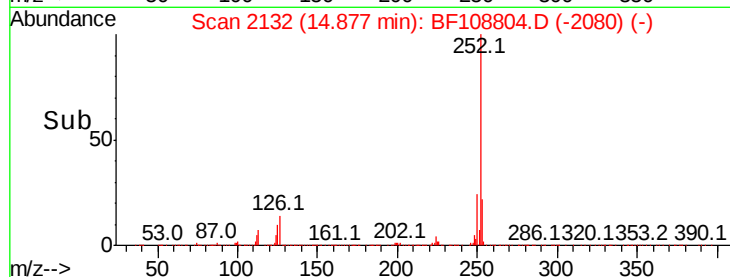
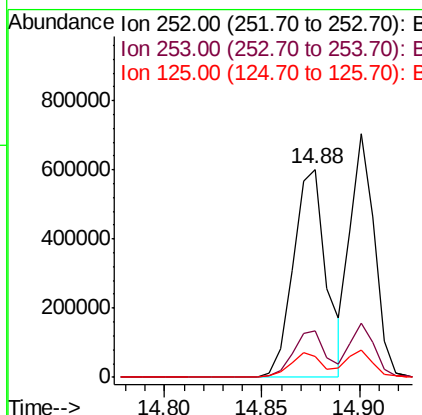
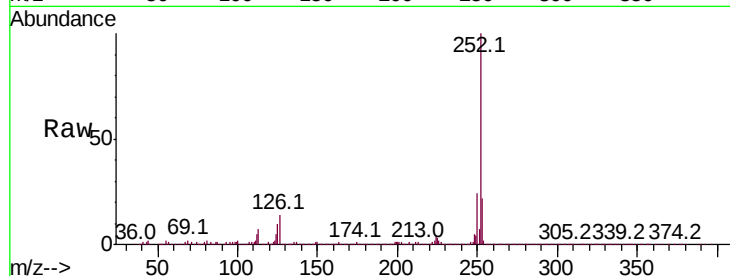




#87
Benzo(b)fluoranthene
Concen: 30.600 ng
RT: 14.88 min Scan# 2132
Delta R.T. 0.01 min
Lab File: BF108804.D
Acq: 6 Sep 2018 4:54

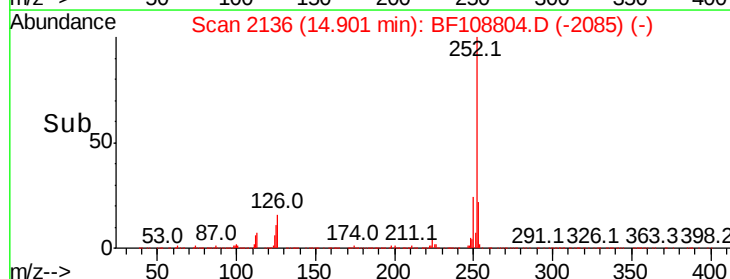
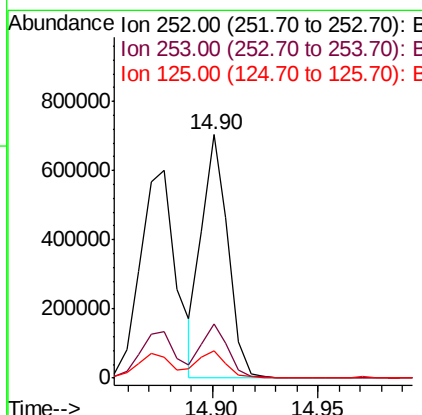
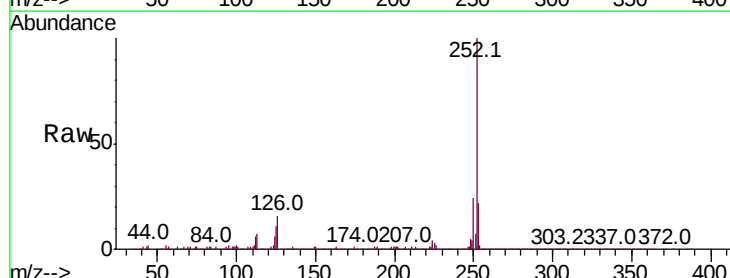
Instrument :
BNA_F
ClientSampleId :

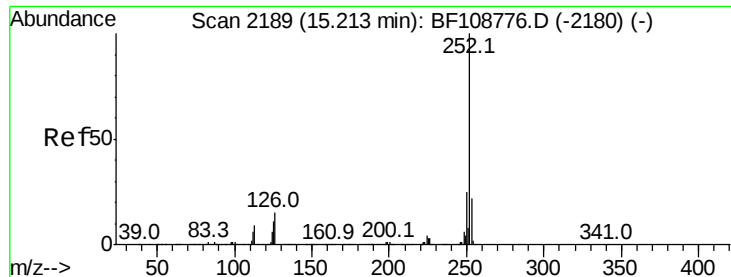
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	10.2	9.0	13.6



#88
Benzo(k)fluoranthene
Concen: 28.373 ng
RT: 14.90 min Scan# 2136
Delta R.T. -0.00 min
Lab File: BF108804.D
Acq: 6 Sep 2018 4:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	11.3	10.2	15.2

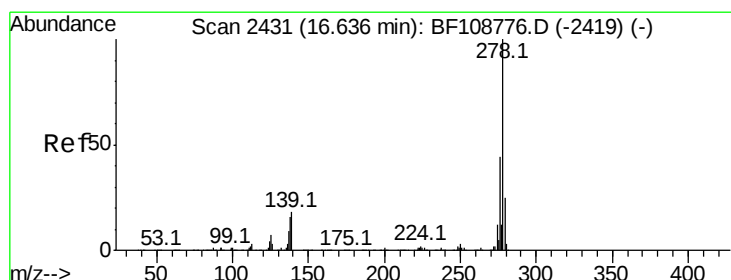
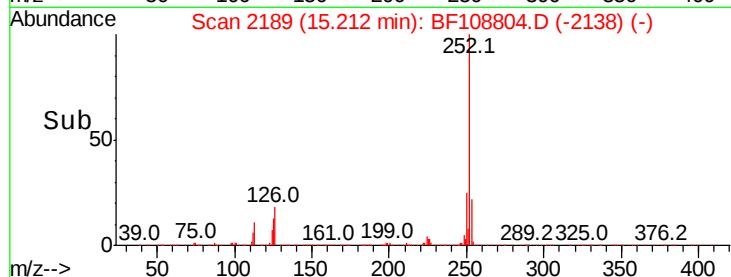
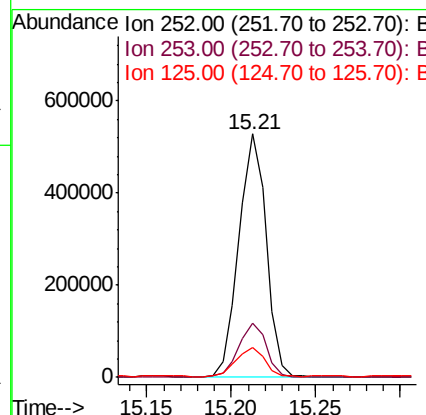
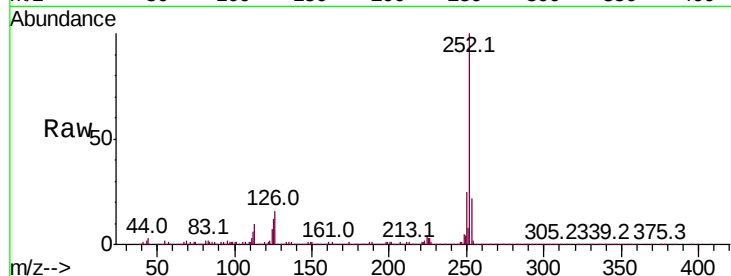




#89
Benzo(a)pyrene
Concen: 28.601 ng
RT: 15.21 min Scan# 2189
Delta R.T. -0.00 min
Lab File: BF108804.D
Acq: 6 Sep 2018 4:54

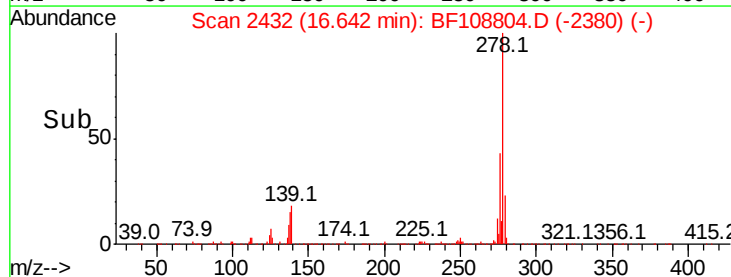
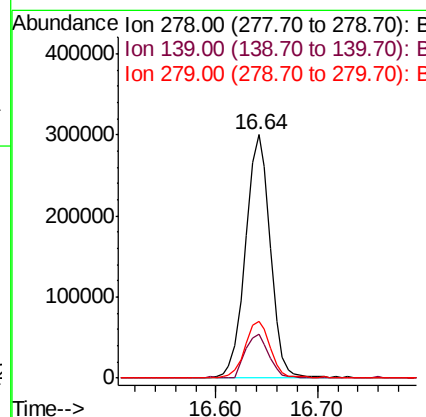
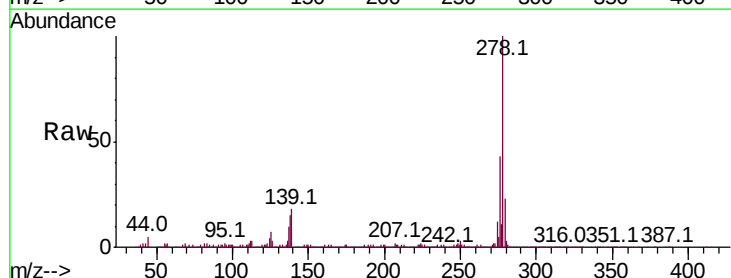
Instrument :
BNA_F
ClientSampleId :

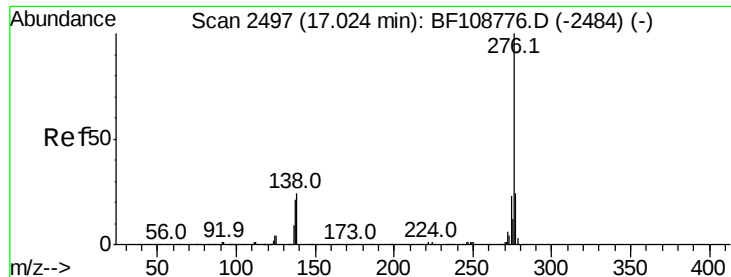
Tot Ion:252 Resp: 594921
Ion Ratio Lower Upper
252 100
253 22.3 17.1 25.7
125 12.5 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 27.756 ng
RT: 16.64 min Scan# 2432
Delta R.T. 0.01 min
Lab File: BF108804.D
Acq: 6 Sep 2018 4:54

Tgt Ion:278 Resp: 508743
Ion Ratio Lower Upper
278 100
139 18.0 15.9 23.9
279 23.2 19.0 28.4

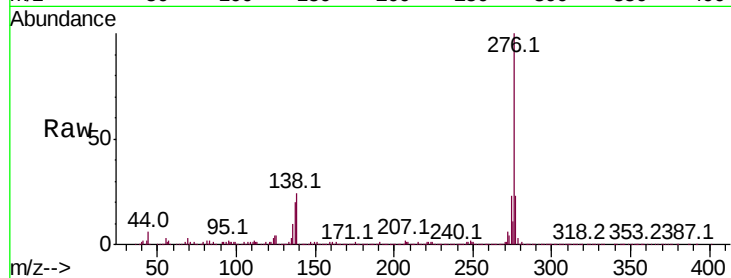




#91
 Benzo(a,h,i)perylene
 Concen: 27.143 ng
 RT: 17.03 min Scan# 2498
 Delta R.T. 0.01 min
 Lab File: BF108804.D
 Acq: 6 Sep 2018 4:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.0	17.9	26.9
138	23.7	21.8	32.8



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

