

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081718\
 Data File : BF108253.D
 Acq On : 17 Aug 2018 19:51
 Operator : JU/SJ
 Sample : J4511-10MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RA-081518-FL-031MS

Quant Time: Aug 17 23:44:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	138715	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	502193	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	228560	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	423120	20.00	ng	0.00
75) Chrysene-d12	14.21	240	399234	20.00	ng	0.00
86) Perylene-d12	15.78	264	294814	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	719482	93.90	ng	0.01
7) Phenol-d6	6.64	99	935548	91.89	ng	0.00
23) Nitrobenzene-d5	7.58	82	607324	67.48	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	228836	100.37	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	1056305	74.20	ng	0.00
78) Terphenyl-d14	13.14	244	1086502	69.20	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.91	88	95983	24.380	ng	88
3) Pyridine	3.69	79	275609	27.176	ng	86
4) n-Nitrosodimethylamine	3.64	42	159079	27.876	ng	83
6) Aniline	6.68	93	350308	25.294	ng	96
8) 2-Chlorophenol	6.80	128	278604	32.286	ng	95
9) Benzaldehyde	6.57	77	162226	20.551	ng	100
10) Phenol	6.65	94	350929	33.321	ng	90
11) bis(2-Chloroethyl)ether	6.75	93	275515	32.359	ng	93
12) 1,3-Dichlorobenzene	6.96	146	313349	31.405	ng	100
13) 1,4-Dichlorobenzene	7.04	146	320921	32.012	ng	96
14) 1,2-Dichlorobenzene	7.19	146	300381	32.213	ng	97
15) Benzyl Alcohol	7.15	79	260585	30.402	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.28	45	530849	30.264	ng	97
17) 2-Methylphenol	7.25	107	230973	31.212	ng	96
18) Hexachloroethane	7.53	117	105883	29.667	ng	89
19) n-Nitroso-di-n-propylamine	7.42	70	208897	30.340	ng	91
20) 3+4-Methylphenols	7.41	107	294660	31.072	ng	99
22) Acetophenone	7.42	105	402727	34.296	ng	# 92
24) Nitrobenzene	7.60	77	304415	33.450	ng	94
25) Isophorone	7.83	82	545821	31.819	ng	98
26) 2-Nitrophenol	7.91	139	123166	35.837	ng	96
27) 2,4-Dimethylphenol	7.94	122	246470	32.374	ng	95
28) bis(2-Chloroethoxy)methane	8.04	93	338529	33.806	ng	99
29) 2,4-Dichlorophenol	8.15	162	233069	33.266	ng	99
30) 1,2,4-Trichlorobenzene	8.24	180	253567	32.826	ng	97
31) Naphthalene	8.32	128	798650	34.969	ng	100
32) Benzoic acid	7.99	122	11428	8.239	ng	86
33) 4-Chloroaniline	8.37	127	257897	25.912	ng	98
34) Hexachlorobutadiene	8.43	225	165570	33.858	ng	99
35) Caprolactam	8.72	113	67306	30.655	ng	# 78
36) 4-Chloro-3-methylphenol	8.84	107	229504	30.365	ng	97
37) 2-Methylnaphthalene	9.01	142	532632	32.963	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	262318	37.373	ng	98
40) Hexachlorocyclopentadiene	9.16	237	58382	12.878	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081718\
 Data File : BF108253.D
 Acq On : 17 Aug 2018 19:51
 Operator : JU/SJ
 Sample : J4511-10MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RA-081518-FL-031MS

Quant Time: Aug 17 23:44:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	161528	37.086	nq	100
43) 2,4,5-Trichlorophenol	9.32	196	169630	35.379	nq	96
45) 1,1'-Biphenyl	9.48	154	627577	37.241	nq	98
46) 2-Chloronaphthalene	9.50	162	476753	35.795	nq	98
47) 2-Nitroaniline	9.60	65	158102	36.687	nq	85
48) Acenaphthylene	9.92	152	737843	35.041	nq	100
49) Dimethylphthalate	9.77	163	647713	40.683	nq	99
50) 2,6-Dinitrotoluene	9.84	165	116466	34.964	nq	95
51) Acenaphthene	10.10	154	430844	33.407	nq	100
52) 3-Nitroaniline	10.01	138	113307	31.090	nq	92
53) 2,4-Dinitrophenol	10.11	184	3171	9.341	nq #	36
54) Dibenzofuran	10.27	168	659915	35.318	nq	98
55) 4-Nitrophenol	10.16	139	172291	62.428	nq	83
56) 2,4-Dinitrotoluene	10.24	165	146176	34.092	nq #	99
57) Fluorene	10.61	166	525333	35.517	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.38	232	133600	33.338	nq #	87
59) Diethylphthalate	10.47	149	535352	34.725	nq	95
60) 4-Chlorophenyl-phenylether	10.60	204	259280	33.641	nq #	88
61) 4-Nitroaniline	10.62	138	114643	31.816	nq	93
62) Azobenzene	10.76	77	521498	32.754	nq	94
64) 4,6-Dinitro-2-methylphenol	10.65	198	7381	9.486	nq	87
65) n-Nitrosodiphenylamine	10.72	169	454527	36.352	nq	96
66) 4-Bromophenyl-phenylether	11.10	248	160588	34.924	nq #	82
67) Hexachlorobenzene	11.16	284	162950	33.681	nq	90
68) Atrazine	11.24	200	148676	35.452	nq	95
69) Pentachlorophenol	11.36	266	151680	65.501	nq	95
70) Phenanthrene	11.58	178	931356	46.668	nq	99
71) Anthracene	11.64	178	806580	39.433	nq	100
72) Carbazole	11.79	167	674047	37.090	nq	98
73) Di-n-butylphthalate	12.10	149	797611	38.748	nq	99
74) Fluoranthene	12.78	202	1006242	46.199	nq	96
76) Benzidine	12.90	184	158323	10.614	nq	99
77) Pyrene	13.01	202	979265	38.743	nq	100
79) Butylbenzylphthalate	13.61	149	350697	34.942	nq	97
80) Benzo(a)anthracene	14.21	228	906781	39.577	nq	99
81) 3,3'-Dichlorobenzidine	14.16	252	205438	25.020	nq #	97
82) Chrysene	14.24	228	808224	38.477	nq	99
83) Bis(2-ethylhexyl)phthalate	14.17	149	493292	36.295	nq	99
84) Di-n-octyl phthalate	14.79	149	867213	41.838	nq	96
85) Indeno(1,2,3-cd)pyrene	17.40	276	466883	25.652	nq #	91
87) Benzo(b)fluoranthene	15.31	252	778560	44.195	nq	96
88) Benzo(k)fluoranthene	15.34	252	632749	39.074	nq #	96
89) Benzo(a)pyrene	15.71	252	605801	38.403	nq #	97
90) Dibenzo(a,h)anthracene	17.41	278	374938	28.726	nq #	94
91) Benzo(g,h,i)perylene	17.89	276	391892	30.492	nq #	91

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.02 min Scan# 796

Delta R.T. 0.01 min

Lab File: BF108253.D

Acq: 17 Aug 2018 19:51

Instrument :

BNA_F

ClientSampleId :

RA-081518-FL-031MS

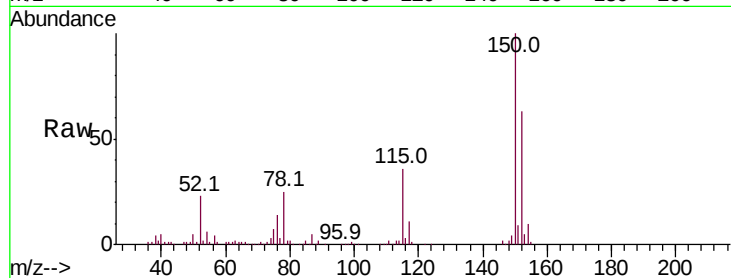
Tot Ion:152 Resp: 138715

Ion Ratio Lower Upper

152 100

150 158.1 124.6 186.8

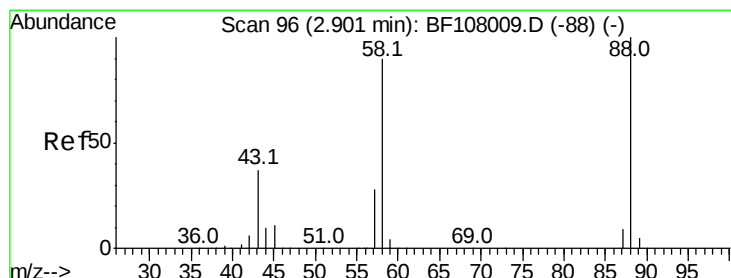
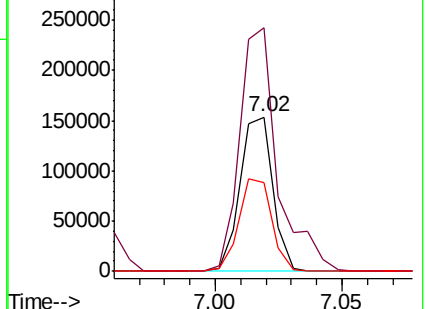
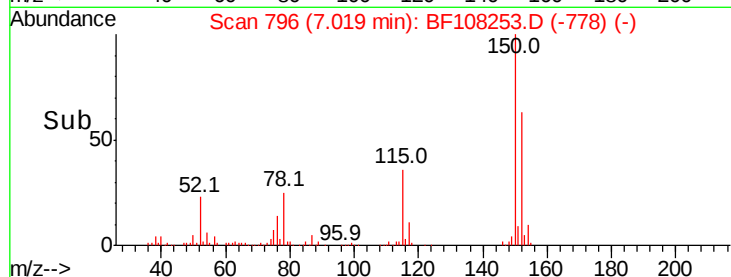
115 57.6 50.1 75.1



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: 24.380 ng

RT: 2.91 min Scan# 97

Delta R.T. 0.01 min

Lab File: BF108253.D

Acq: 17 Aug 2018 19:51

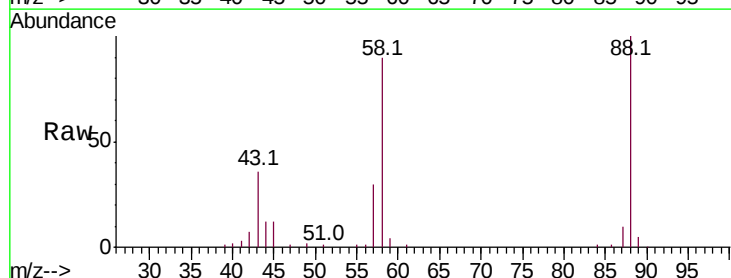
Tgt Ion: 88 Resp: 95983

Ion Ratio Lower Upper

88 100

58 89.3 62.6 93.8

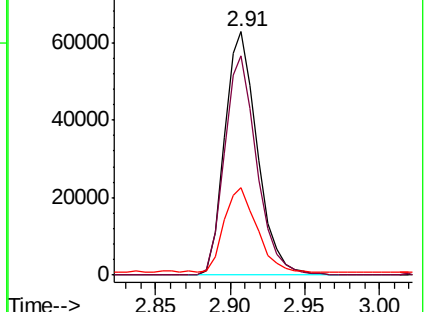
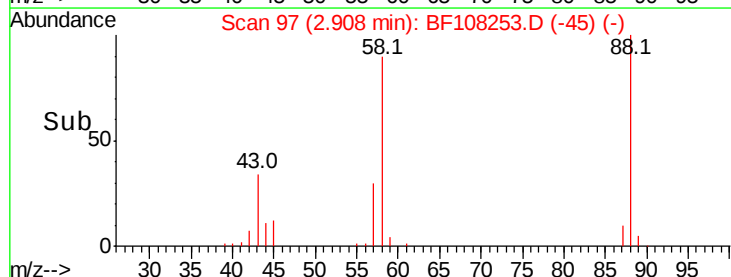
43 35.7 24.6 37.0

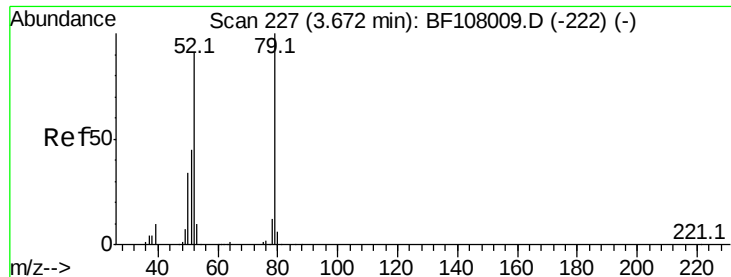


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 27.176 ng

RT: 3.69 min Scan# 230

Delta R.T. 0.02 min

Lab File: BF108253.D

Acq: 17 Aug 2018 19:51

Instrument :

BNA_F

ClientSampleId :

RA-081518-FL-031MS

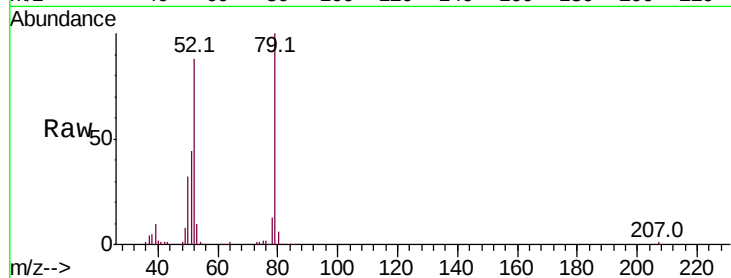
Tot Ion: 79 Resp: 275609

Ion Ratio Lower Upper

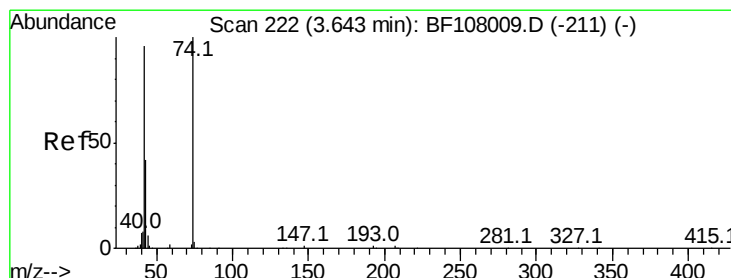
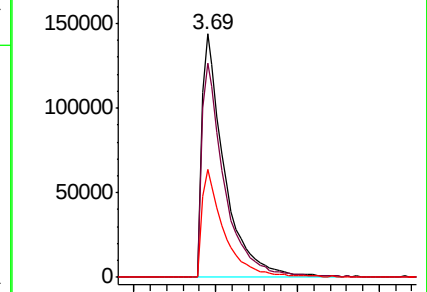
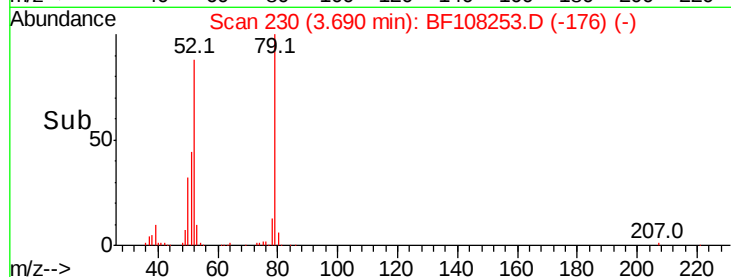
79 100

52 87.8 59.8 89.6

51 44.5 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 27.876 ng

RT: 3.64 min Scan# 222

Delta R.T. 0.00 min

Lab File: BF108253.D

Acq: 17 Aug 2018 19:51

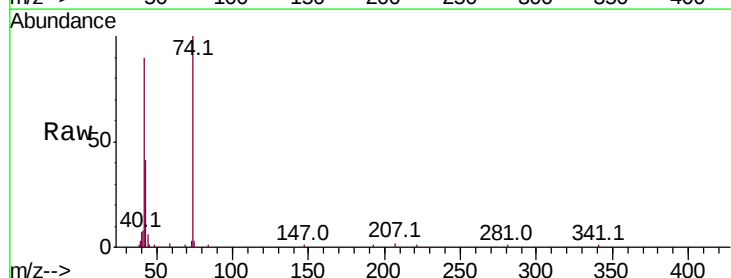
Tgt Ion: 42 Resp: 159079

Ion Ratio Lower Upper

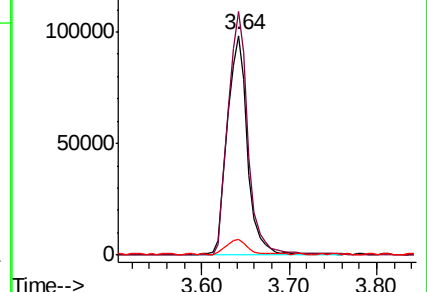
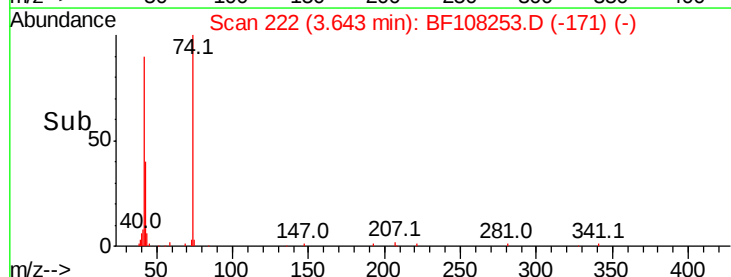
42 100

74 110.7 104.9 157.3

44 6.9 6.9 10.3



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 93.904 ng

RT: 5.64 min Scan# 562

Delta R.T. 0.01 min

Lab File: BF108253.D

Acq: 17 Aug 2018 19:51

Instrument :

BNA_F

ClientSampleId :

RA-081518-FL-031MS

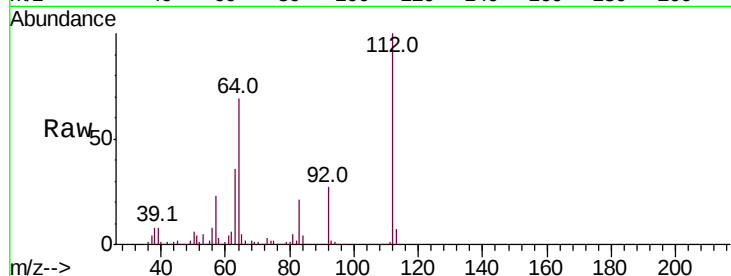
Tot Ion:112 Resp: 719482

Ion Ratio Lower Upper

112 100

64 69.3 47.9 71.9

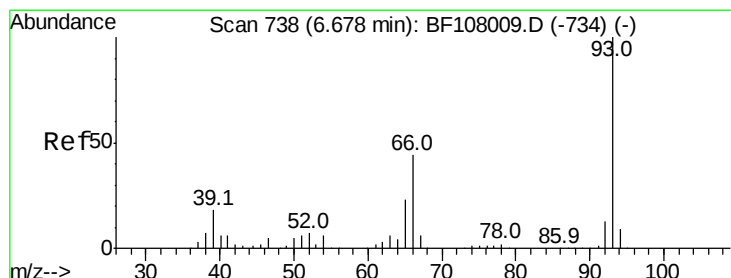
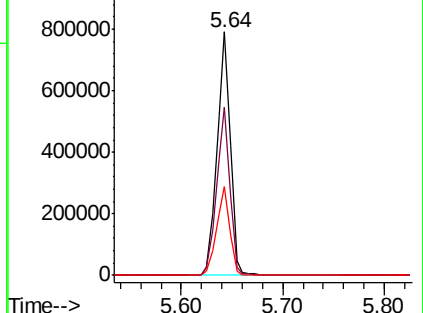
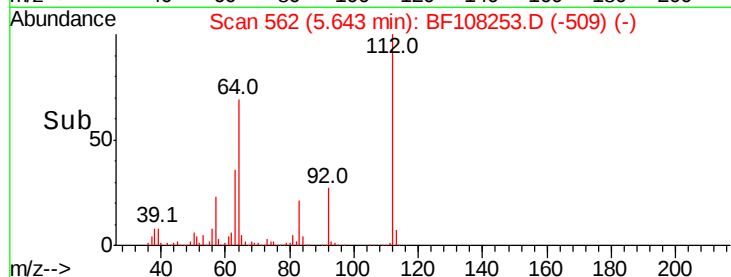
63 36.3 23.7 35.5#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 25.294 ng

RT: 6.68 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF108253.D

Acq: 17 Aug 2018 19:51

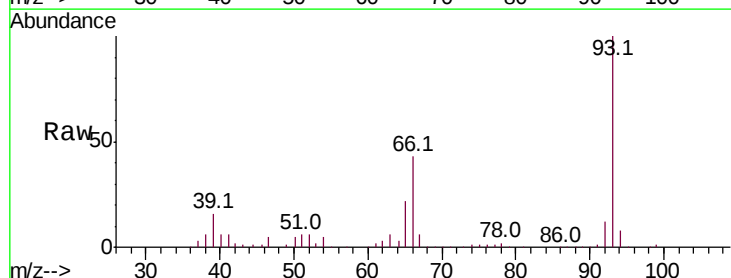
Tgt Ion: 93 Resp: 350308

Ion Ratio Lower Upper

93 100

66 42.7 32.2 48.2

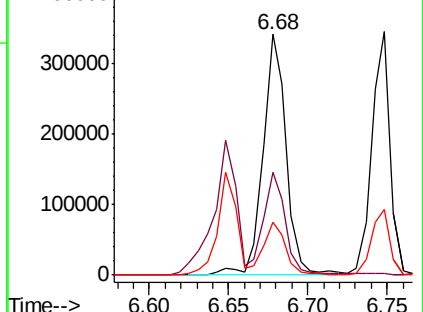
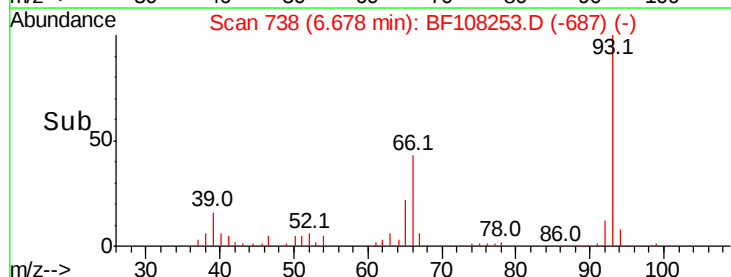
65 22.0 16.4 24.6

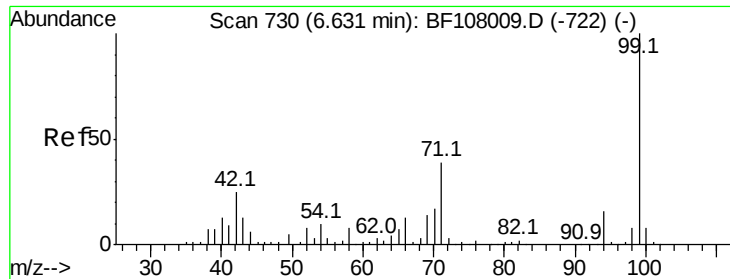


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 91.886 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF108253.D

Acq: 17 Aug 2018 19:51

Instrument :

BNA_F

ClientSampleId :

RA-081518-FL-031MS

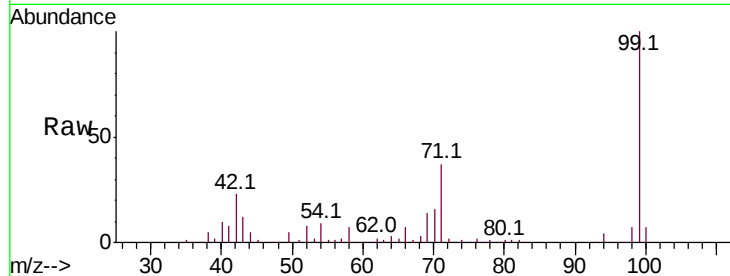
Tot Ion: 99 Resp: 935548

Ion Ratio Lower Upper

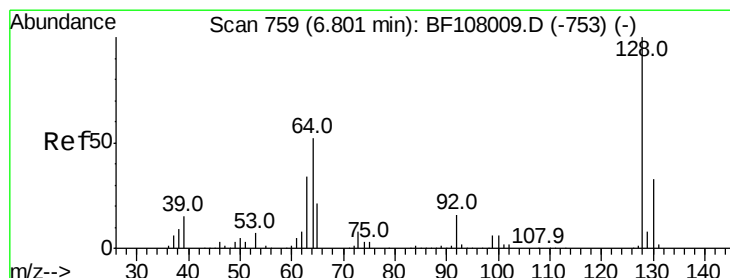
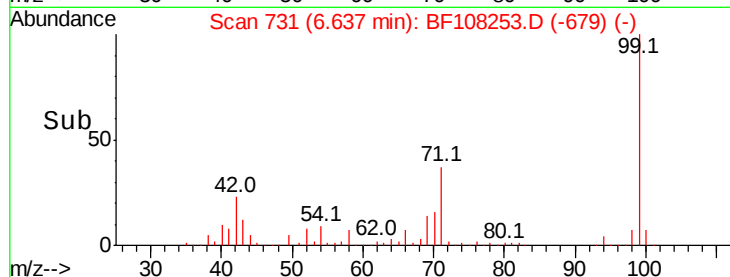
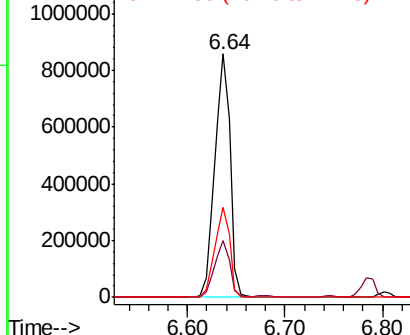
99 100

42 23.3 14.5 21.7#

71 36.9 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: 32.286 ng

RT: 6.80 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF108253.D

Acq: 17 Aug 2018 19:51

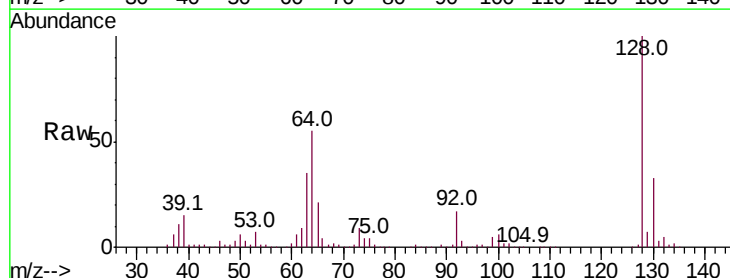
Tgt Ion:128 Resp: 278604

Ion Ratio Lower Upper

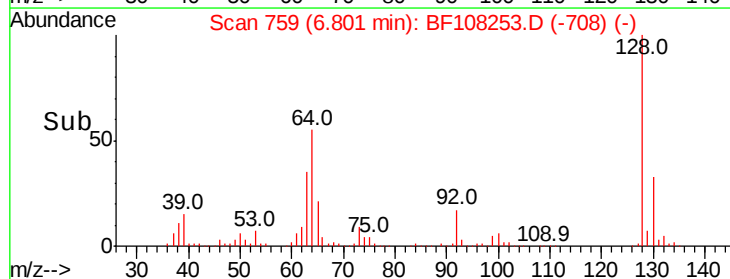
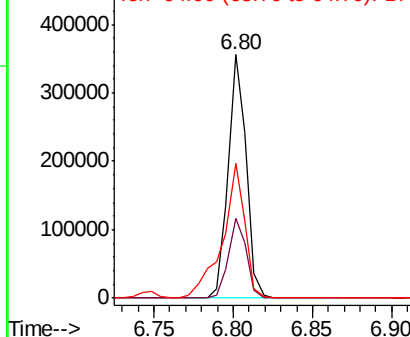
128 100

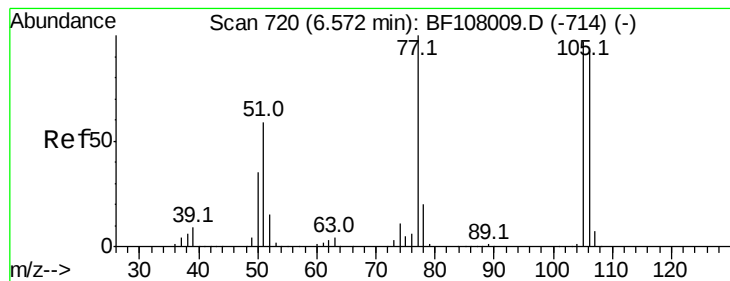
130 32.8 13.0 53.0

64 55.2 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: 20.551 ng

RT: 6.57 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF108253.D

Acq: 17 Aug 2018 19:51

Instrument :

BNA_F

ClientSampleId :

RA-081518-FL-031MS

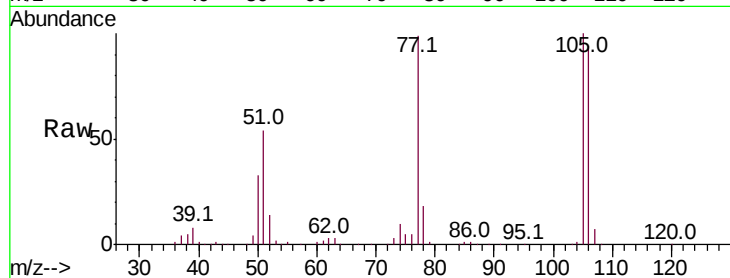
Tot Ion: 77 Resp: 162226

Ion Ratio Lower Upper

77 100

105 101.1 81.1 121.1

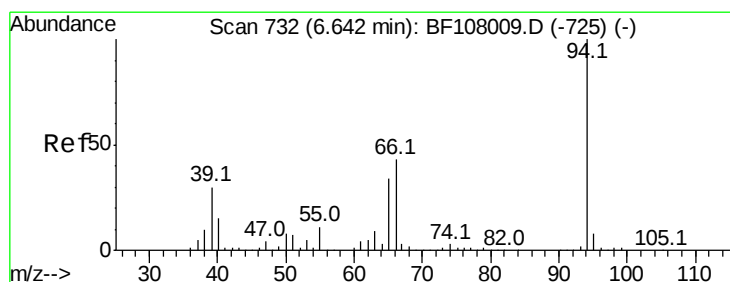
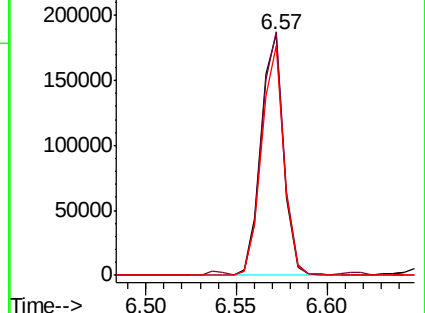
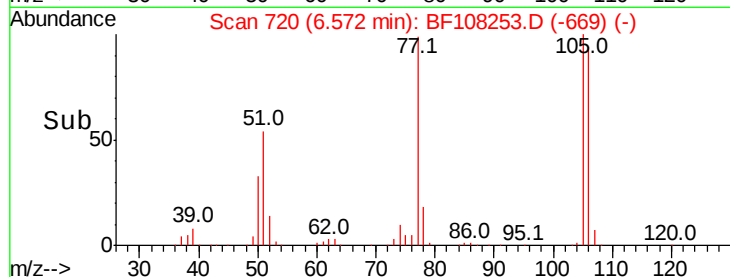
106 95.3 74.5 114.5



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: 33.321 ng

RT: 6.65 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF108253.D

Acq: 17 Aug 2018 19:51

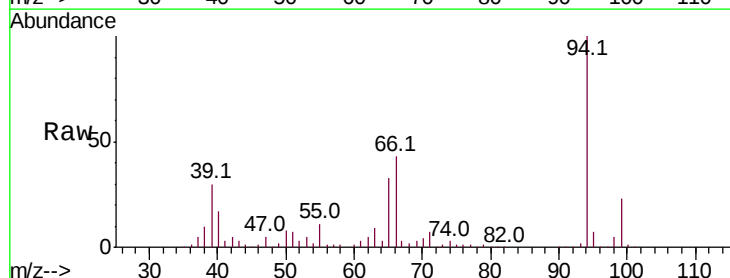
Tgt Ion: 94 Resp: 350929

Ion Ratio Lower Upper

94 100

65 32.6 7.9 47.9

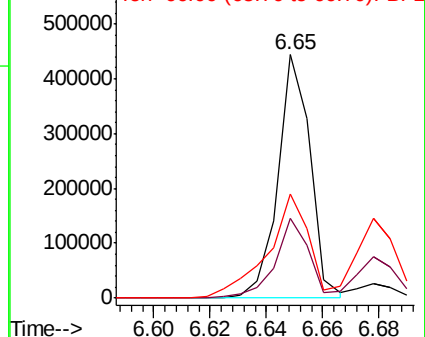
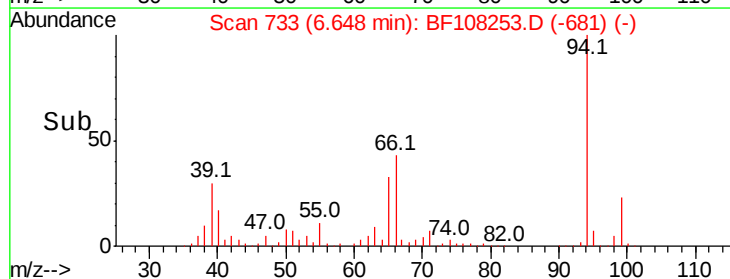
66 42.9 16.2 56.2



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

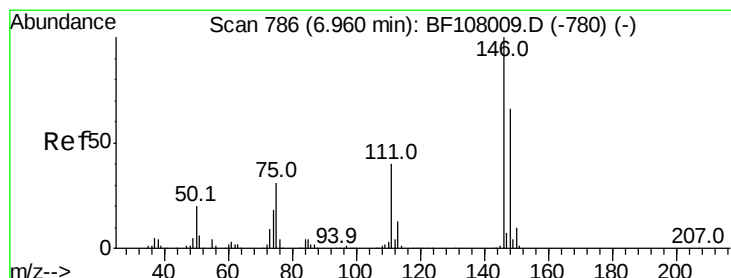
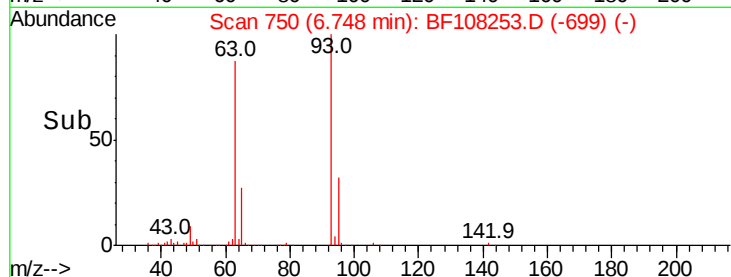
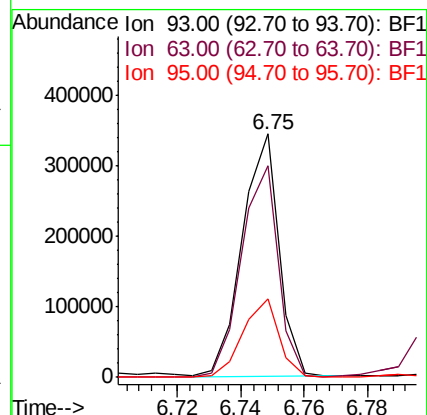
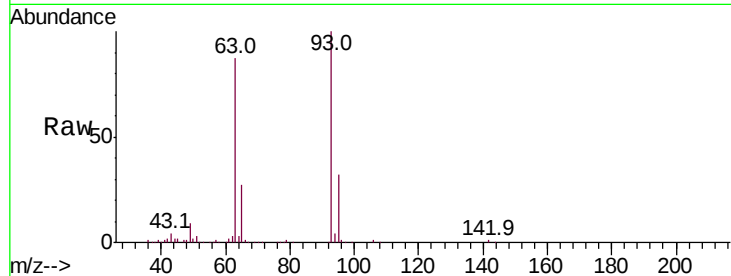




#11
bis(2-Chloroethyl)ether
Concen: 32.359 ng
RT: 6.75 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF108253.D
Acq: 17 Aug 2018 19:51

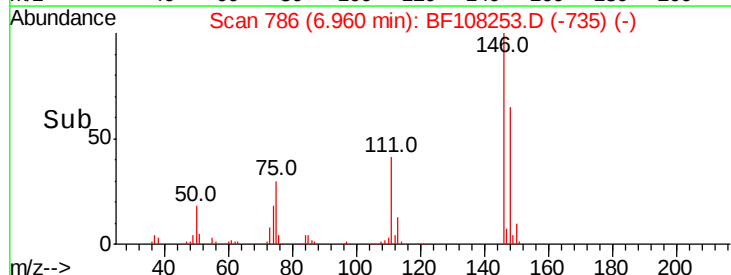
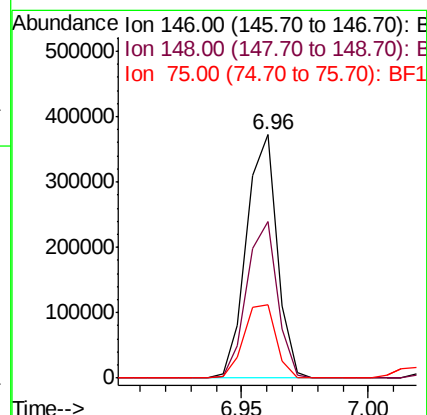
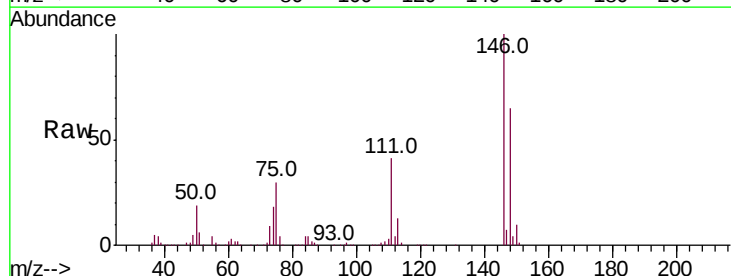
Instrument :
BNA_F
ClientSampleId :
RA-081518-FL-031MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	86.7	58.6	98.6
95	32.2	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 31.405 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF108253.D
Acq: 17 Aug 2018 19:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.8	77.8
75	30.1	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 32.012 ng

RT: 7.04 min Scan# 799

Delta R.T. 0.00 min

Lab File: BF108253.D

Acq: 17 Aug 2018 19:51

Instrument :

BNA_F

ClientSampleId :

RA-081518-FL-031MS

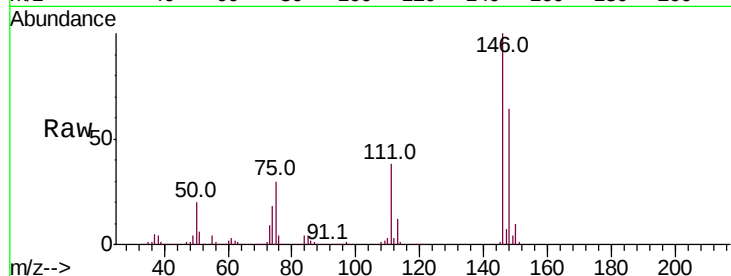
Tot Ion:146 Resp: 320921

Ion Ratio Lower Upper

146 100

148 64.2 50.8 76.2

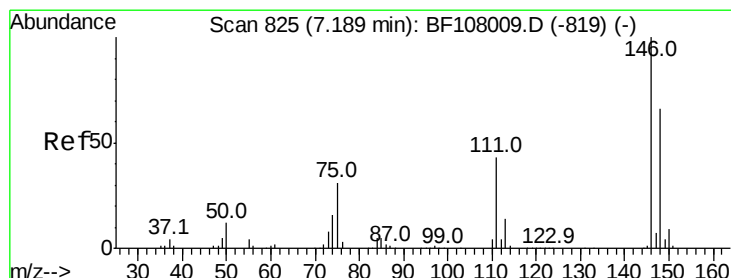
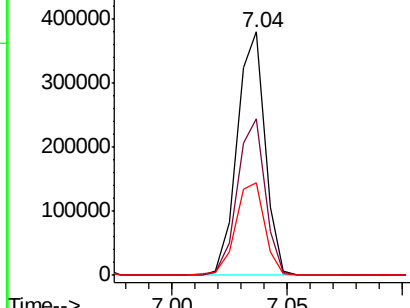
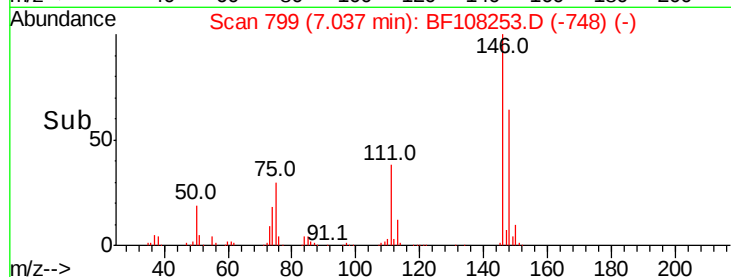
111 38.0 34.2 51.2



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: 32.213 ng

RT: 7.19 min Scan# 825

Delta R.T. 0.00 min

Lab File: BF108253.D

Acq: 17 Aug 2018 19:51

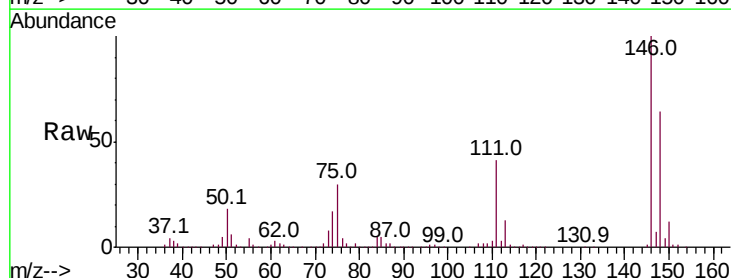
Tgt Ion:146 Resp: 300381

Ion Ratio Lower Upper

146 100

148 63.6 50.6 75.8

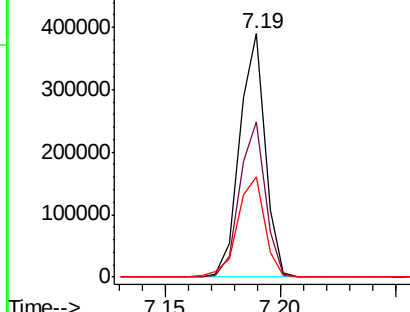
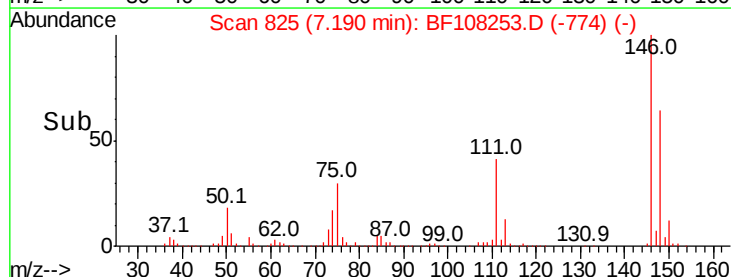
111 41.0 36.0 54.0

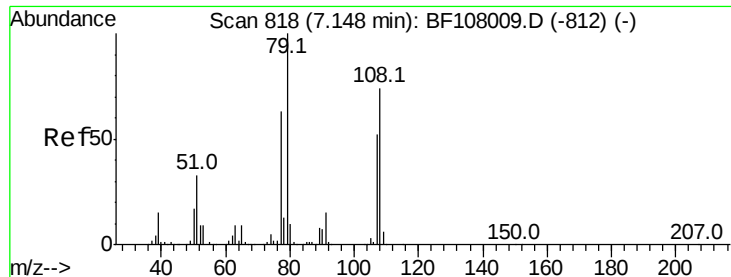


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 30.402 ng

RT: 7.15 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF108253.D

Acq: 17 Aug 2018 19:51

Instrument :

BNA_F

ClientSampleId :

RA-081518-FL-031MS

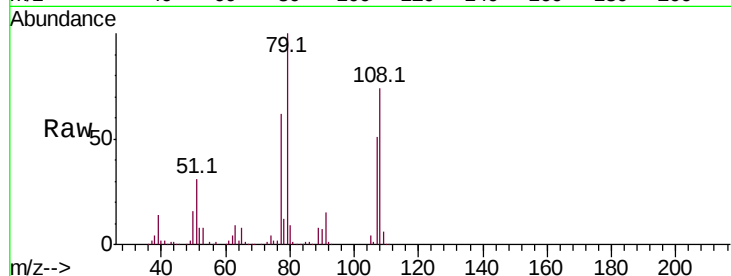
Tot Ion: 79 Resp: 260585

Ion Ratio Lower Upper

79 100

108 73.9 65.1 97.7

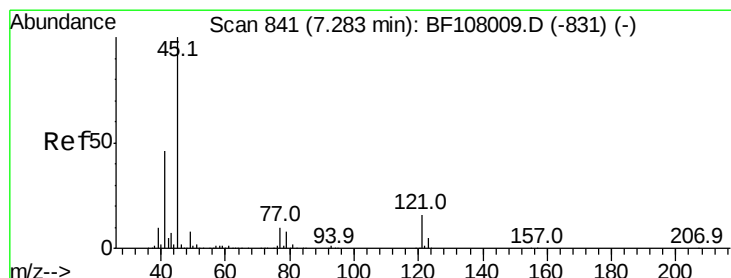
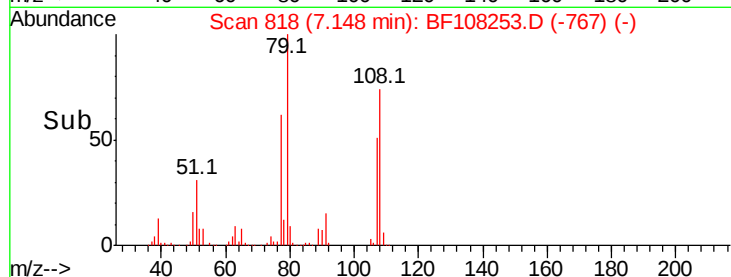
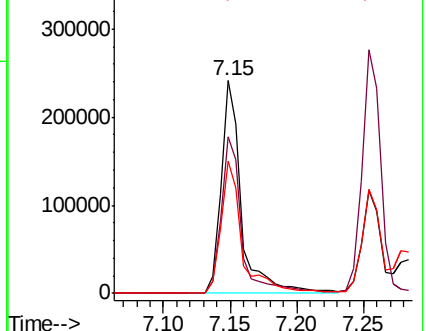
77 62.1 50.6 75.8



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: 30.264 ng

RT: 7.28 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF108253.D

Acq: 17 Aug 2018 19:51

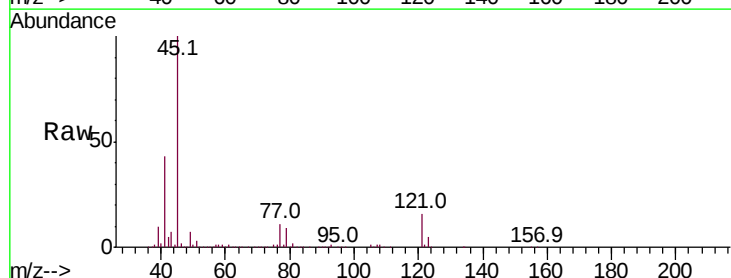
Tgt Ion: 45 Resp: 530849

Ion Ratio Lower Upper

45 100

77 11.3 0.0 32.9

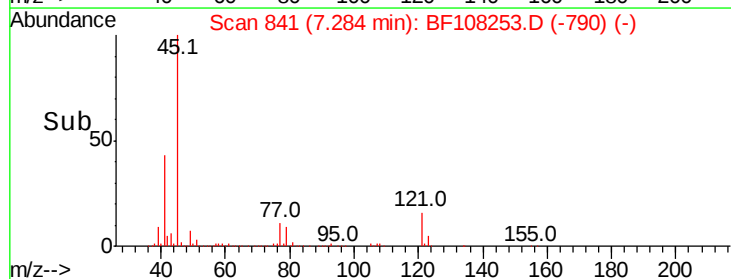
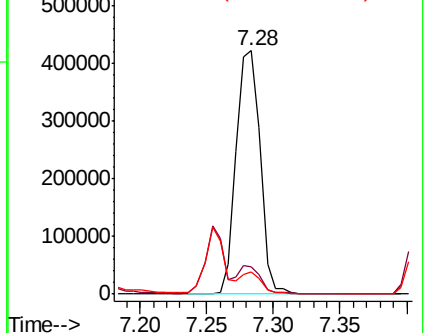
79 9.1 0.0 29.6



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: 31.212 ng

RT: 7.25 min Scan# 836

Delta R.T. 0.01 min

Lab File: BF108253.D

Acq: 17 Aug 2018 19:51

Instrument :

BNA_F

ClientSampleId :

RA-081518-FL-031MS

Tot Ion:107 Resp: 230973

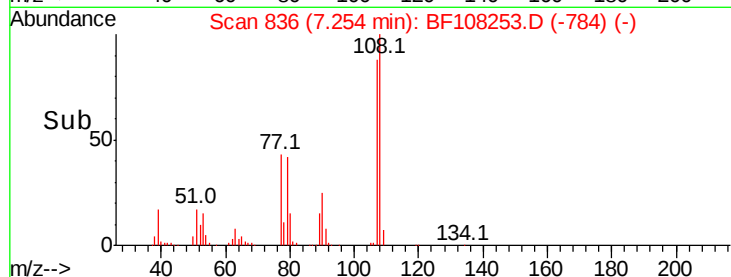
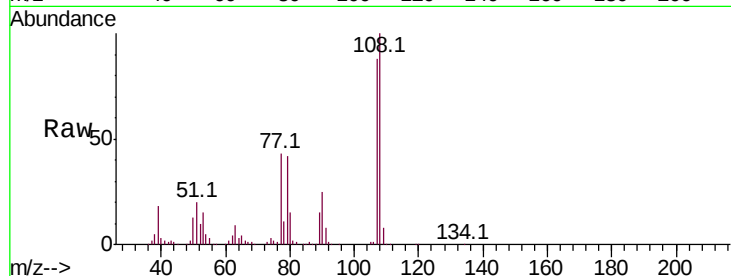
Ion Ratio Lower Upper

107 100

108 114.2 91.7 137.5

77 48.9 33.8 50.8

79 48.2 33.8 50.8

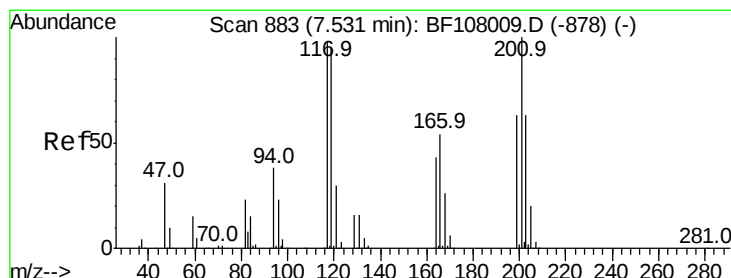
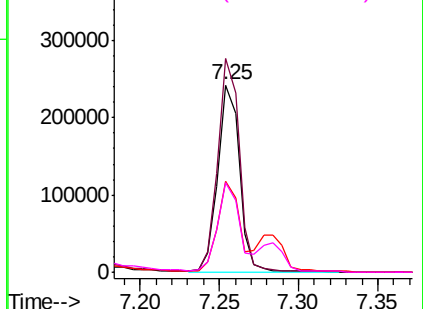


Abundance Ion 107.00 (106.70 to 107.70): E

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: 29.667 ng

RT: 7.53 min Scan# 883

Delta R.T. 0.00 min

Lab File: BF108253.D

Acq: 17 Aug 2018 19:51

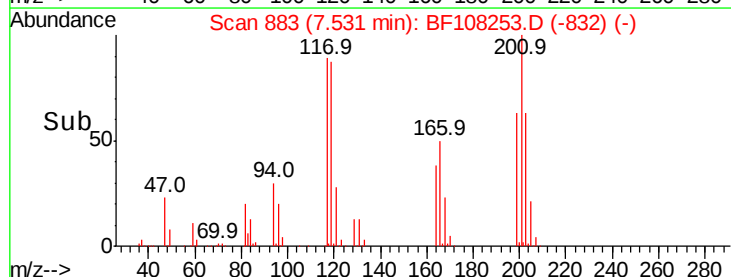
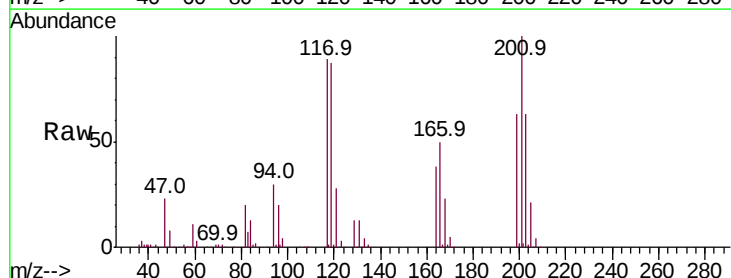
Tgt Ion:117 Resp: 105883

Ion Ratio Lower Upper

117 100

119 97.4 75.8 113.8

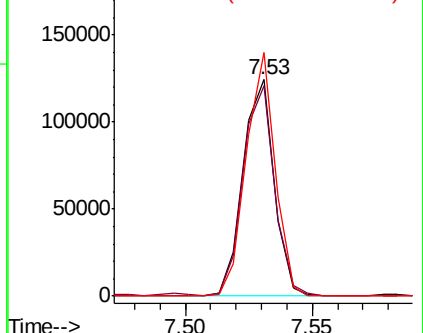
201 112.4 75.7 113.5



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

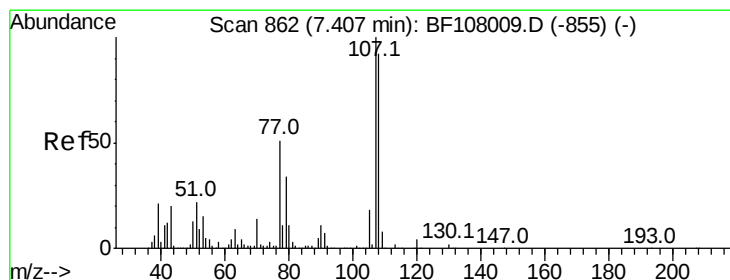
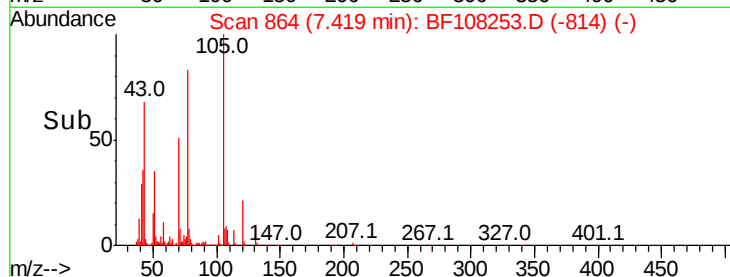
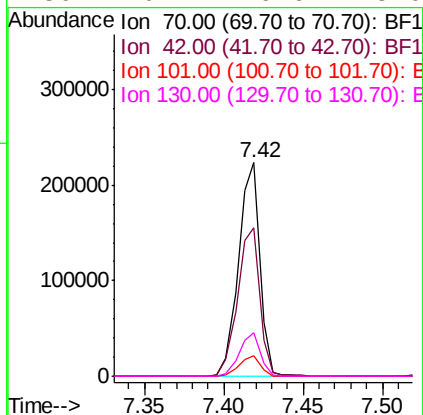
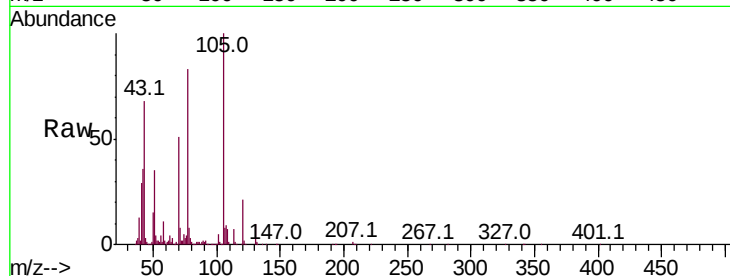




#19
n-Nitroso-di-n-propylamine
Concen: 30.340 ng
RT: 7.42 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF108253.D
Acq: 17 Aug 2018 19:51

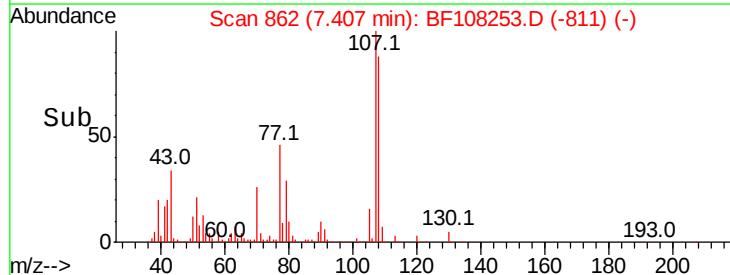
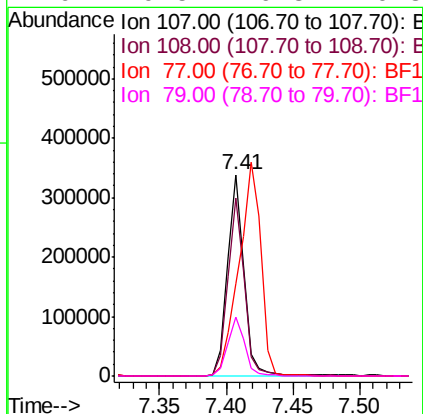
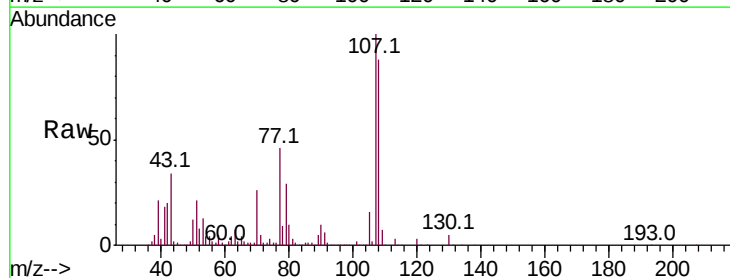
Instrument :
BNA_F
ClientSampleId :
RA-081518-FL-031MS

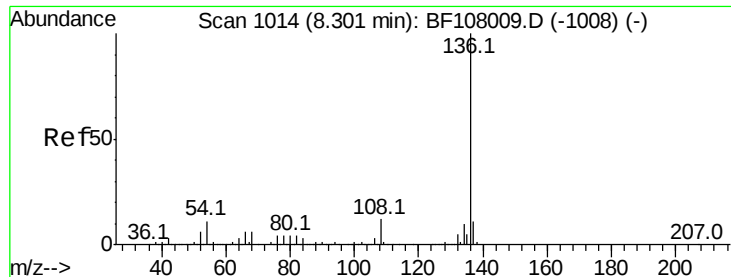
Tot Ion:	70	Resp:	208897
Ion	Ratio	Lower	Upper
70	100		
42	69.6	47.5	71.3
101	9.5	7.4	11.2
130	20.4	16.6	25.0



#20
3+4-Methylphenols
Concen: 31.072 ng
RT: 7.41 min Scan# 862
Delta R.T. 0.00 min
Lab File: BF108253.D
Acq: 17 Aug 2018 19:51

Tgt Ion:	107	Resp:	294660
Ion	Ratio	Lower	Upper
107	100		
108	88.4	68.2	108.2
77	46.1	26.7	66.7
79	29.5	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.30 min Scan# 1014

Delta R.T. 0.00 min

Lab File: BF108253.D

Acq: 17 Aug 2018 19:51

Instrument :

BNA_F

ClientSampleId :

RA-081518-FL-031MS

Tot Ion:136 Resp: 502193

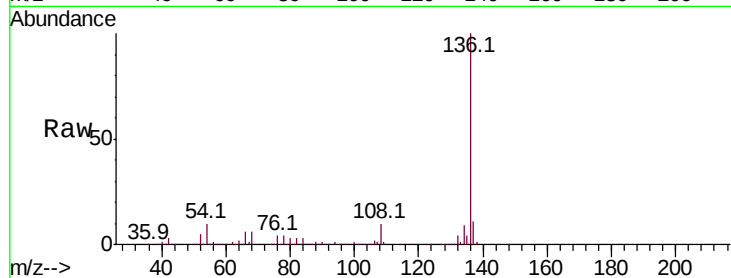
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 9.6 6.6 9.8

68 5.9 5.0 7.4

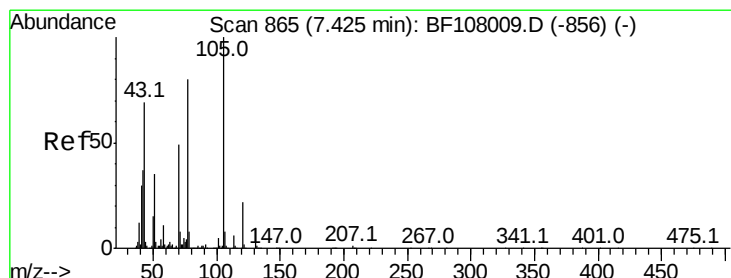
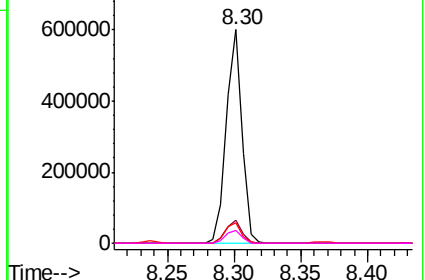
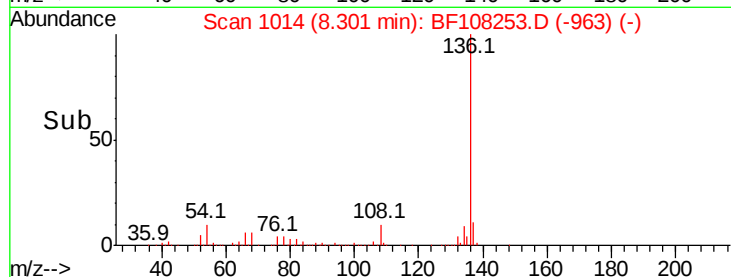


Abundance Ion 136.00 (135.70 to 136.70): E

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: 34.296 ng

RT: 7.42 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF108253.D

Acq: 17 Aug 2018 19:51

Tgt Ion:105 Resp: 402727

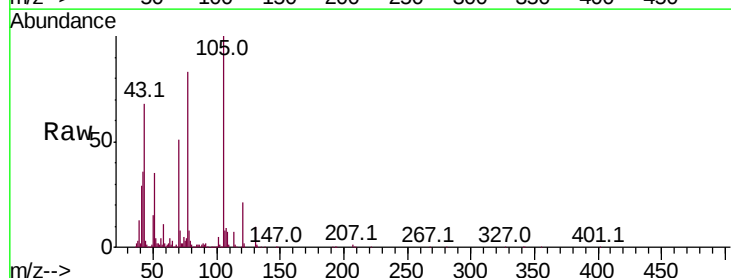
Ion Ratio Lower Upper

105 100

71 8.3 4.4 6.6#

51 35.1 22.3 33.5#

120 21.0 16.9 25.3

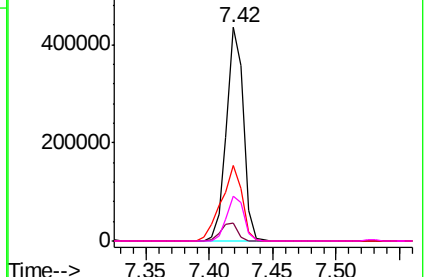
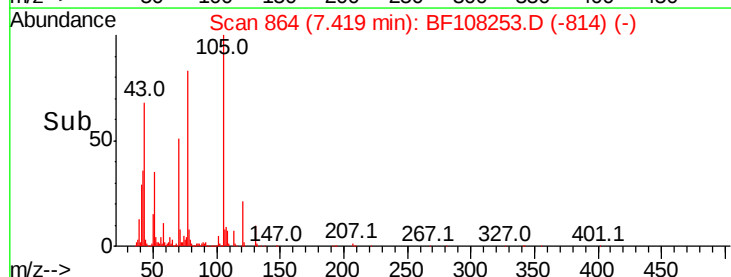


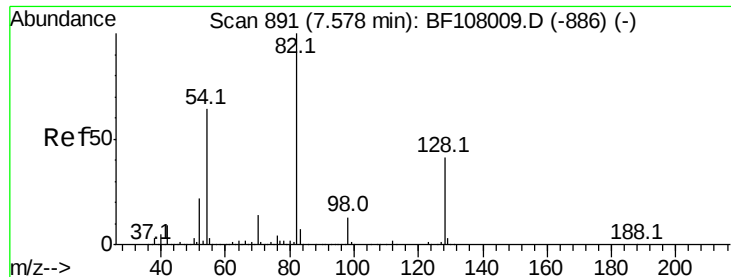
Abundance Ion 105.00 (104.70 to 105.70): E

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

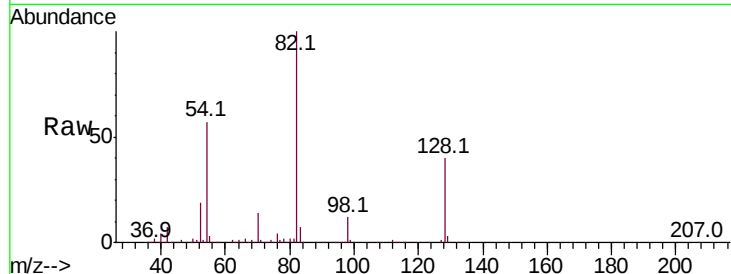




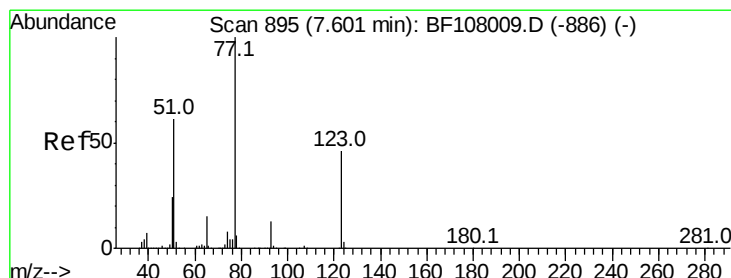
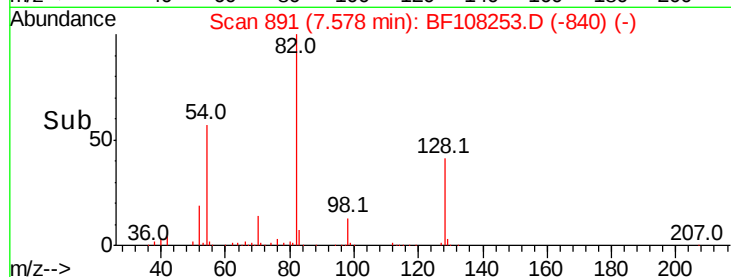
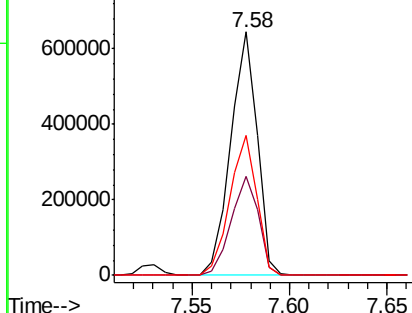
#23
 Nitrobenzene-d5
 Concen: 67.483 ng
 RT: 7.58 min Scan# 891
 Delta R.T. 0.00 min
 Lab File: BF108253.D
 Acq: 17 Aug 2018 19:51

Instrument :
 BNA_F
 ClientSampleId :
 RA-081518-FL-031MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.5	36.1	54.1
54	57.3	41.4	62.2

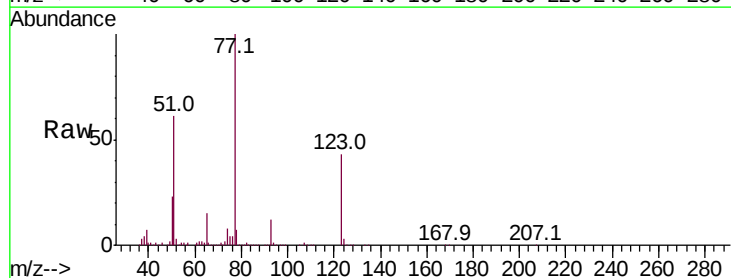


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

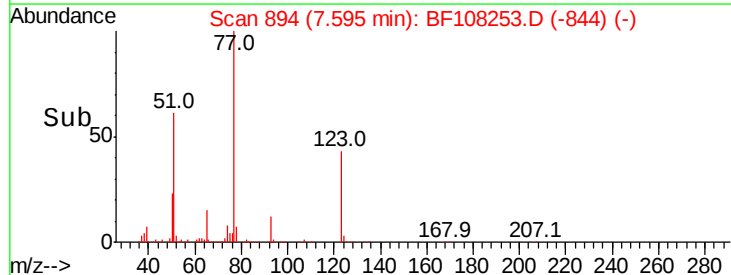
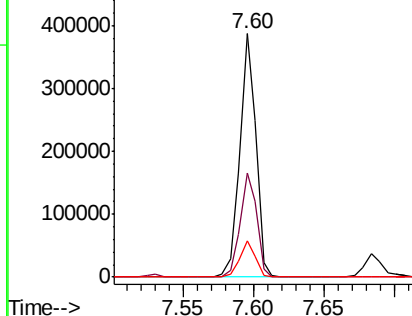


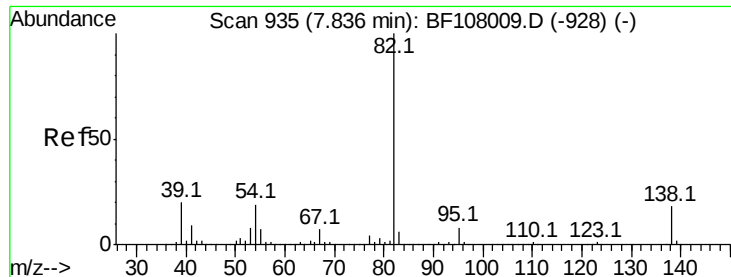
#24
 Nitrobenzene
 Concen: 33.450 ng
 RT: 7.60 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF108253.D
 Acq: 17 Aug 2018 19:51

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.8	37.9	56.9
65	14.7	11.0	16.4



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





#25

Isophorone

Concen: 31.819 ng

RT: 7.83 min Scan# 934

Delta R.T. -0.01 min

Lab File: BF108253.D

Acq: 17 Aug 2018 19:51

Instrument :

BNA_F

ClientSampleId :

RA-081518-FL-031MS

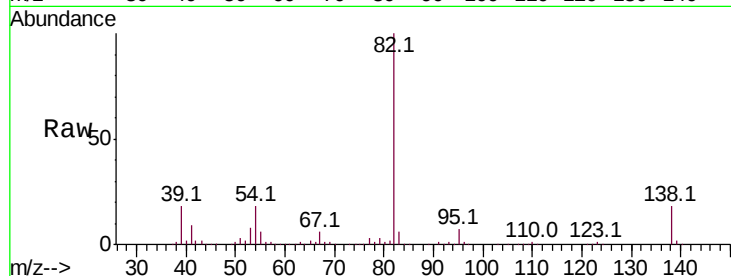
Tot Ion: 82 Resp: 545821

Ion Ratio Lower Upper

82 100

95 7.2 5.2 7.8

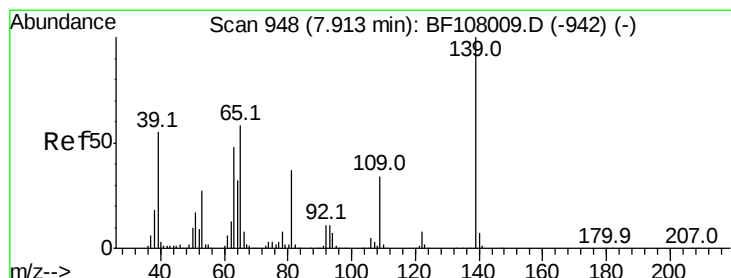
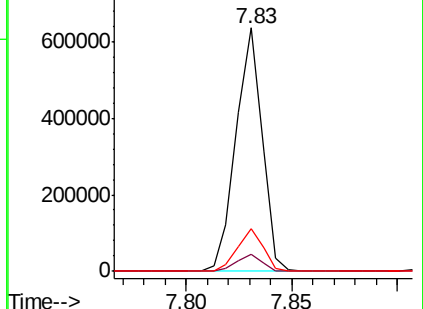
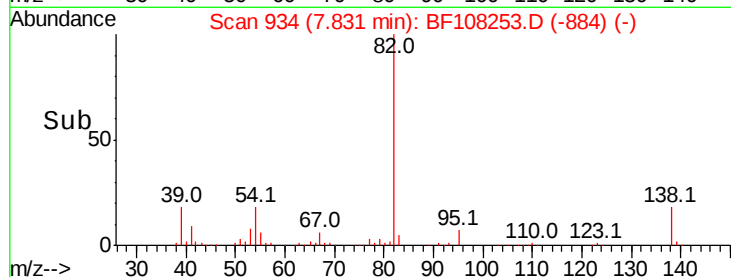
138 17.7 14.9 22.3



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: 35.837 ng

RT: 7.91 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF108253.D

Acq: 17 Aug 2018 19:51

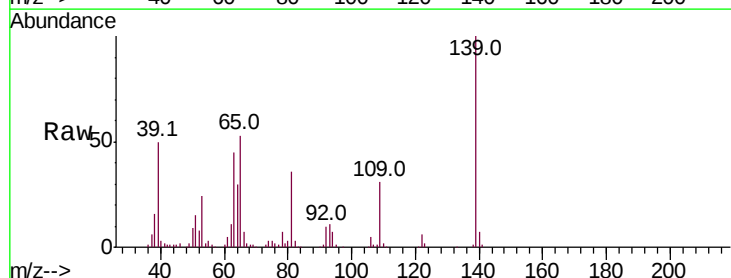
Tgt Ion: 139 Resp: 123166

Ion Ratio Lower Upper

139 100

109 31.5 22.7 34.1

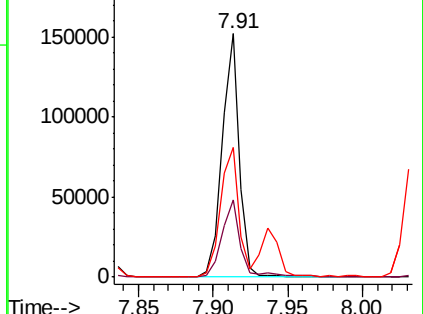
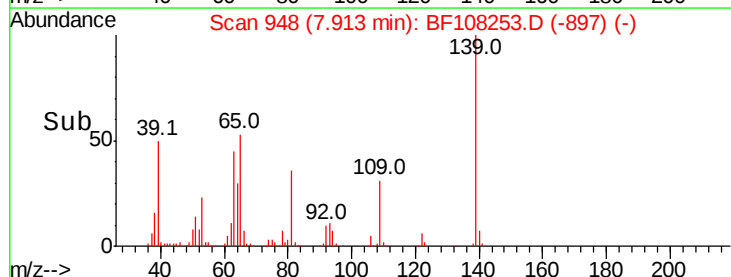
65 53.2 40.5 60.7

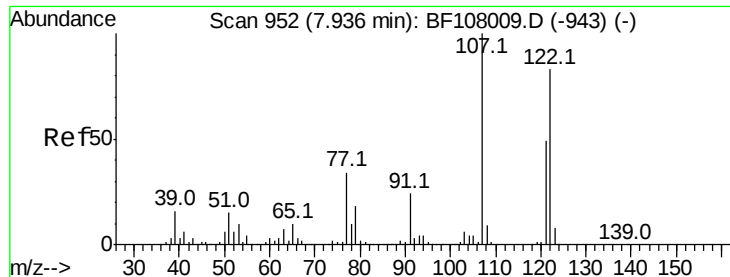


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

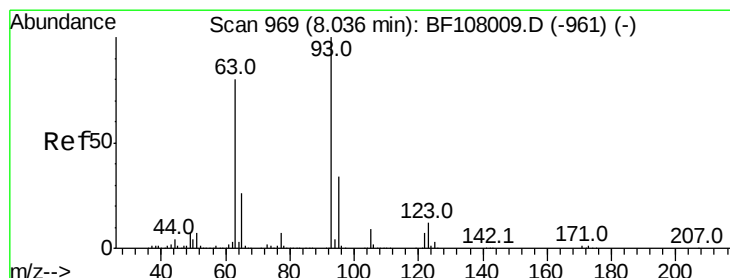
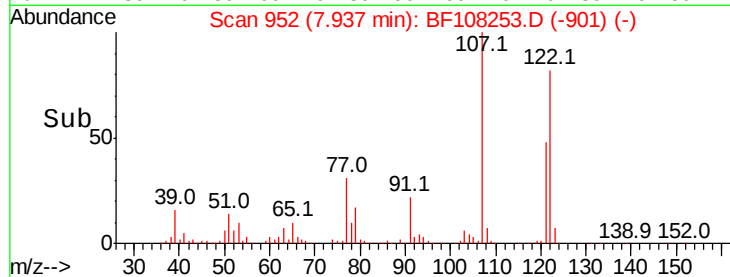
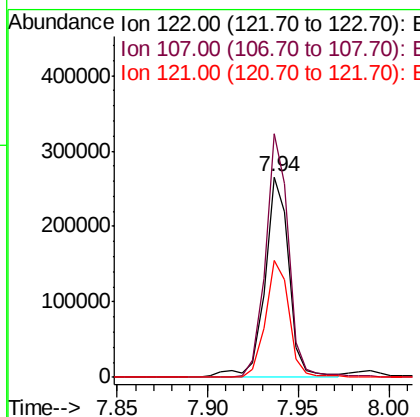
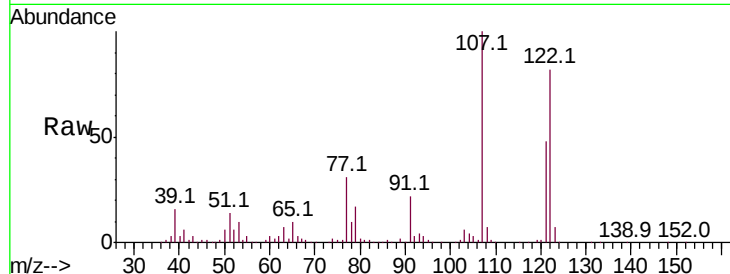




#27
 2,4-Dimethylphenol
 Concen: 32.374 ng
 RT: 7.94 min Scan# 952
 Delta R.T. 0.00 min
 Lab File: BF108253.D
 Acq: 17 Aug 2018 19:51

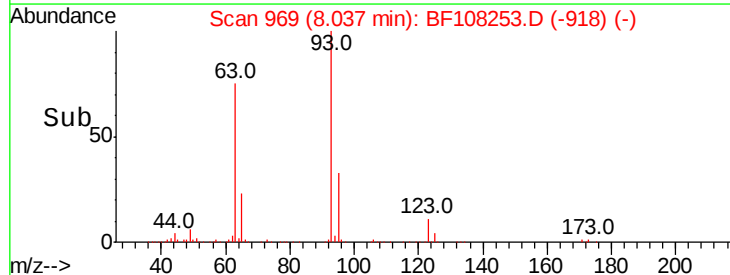
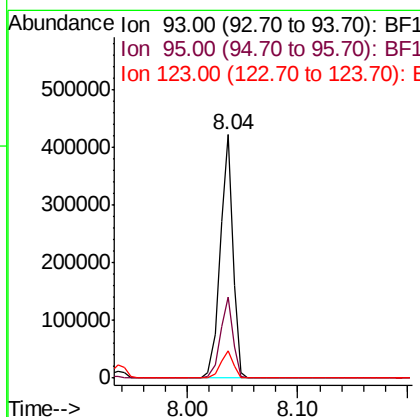
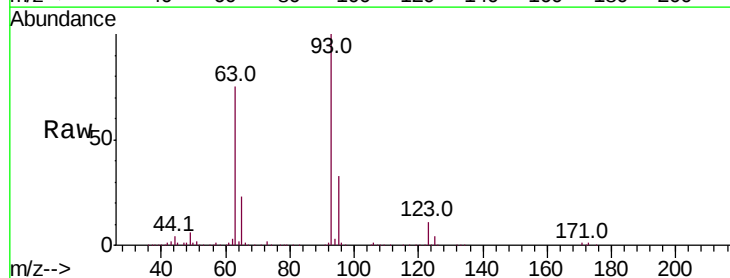
Instrument :
 BNA_F
 ClientSampleId :
 RA-081518-FL-031MS

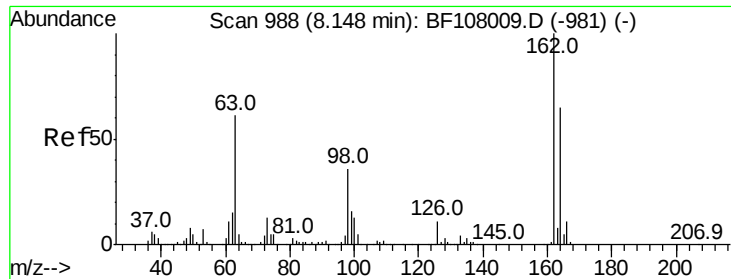
Tot Ion:122 Resp: 246470
 Ion Ratio Lower Upper
 122 100
 107 121.5 91.2 136.8
 121 58.6 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 33.806 ng
 RT: 8.04 min Scan# 969
 Delta R.T. 0.00 min
 Lab File: BF108253.D
 Acq: 17 Aug 2018 19:51

Tgt Ion: 93 Resp: 338529
 Ion Ratio Lower Upper
 93 100
 95 33.2 26.3 39.5
 123 11.0 9.8 14.6

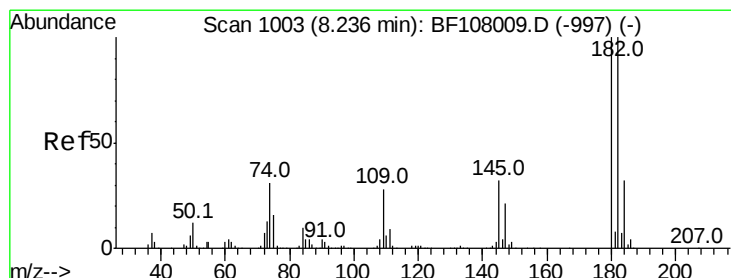
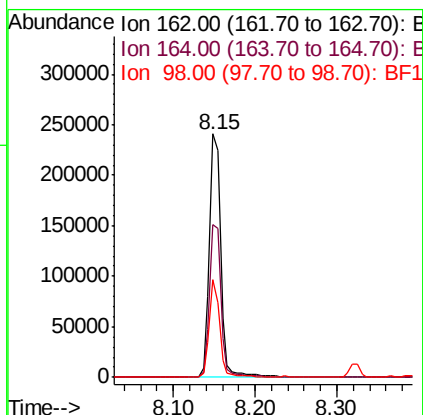
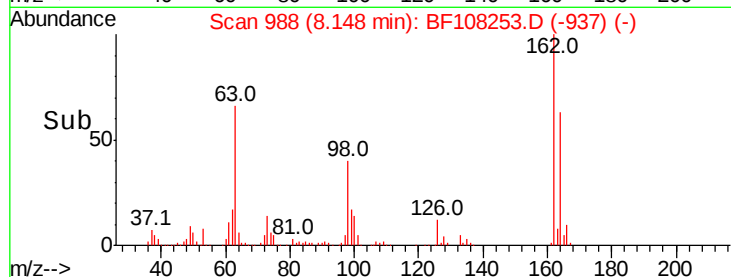
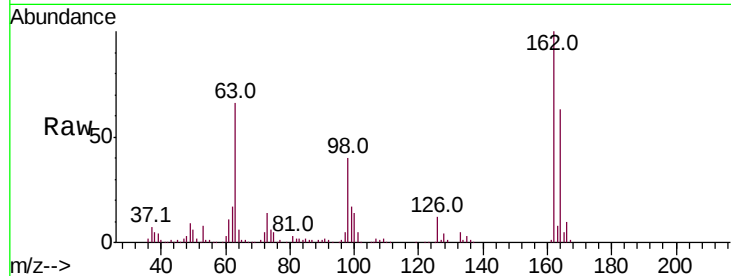




#29
 2,4-Dichlorophenol
 Concen: 33.266 ng
 RT: 8.15 min Scan# 988
 Delta R.T. 0.00 min
 Lab File: BF108253.D
 Acq: 17 Aug 2018 19:51

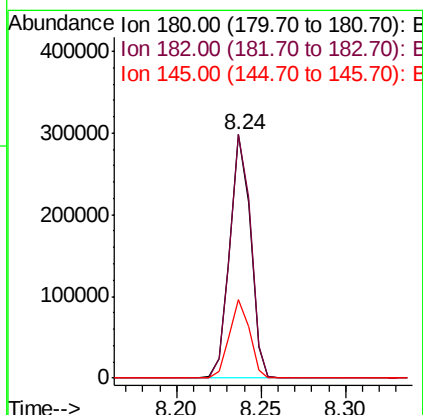
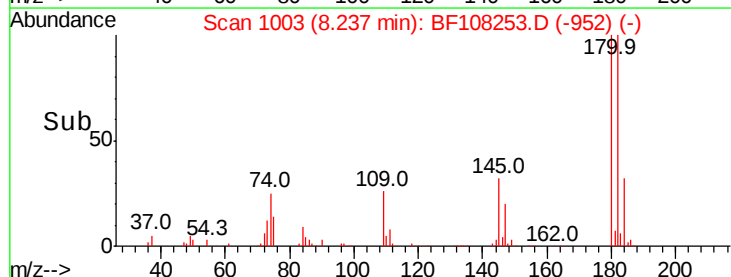
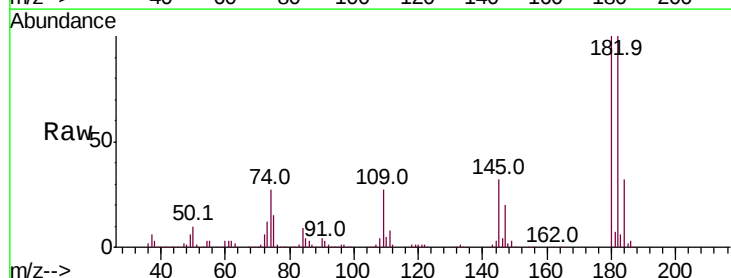
Instrument :
 BNA_F
 ClientSampleId :
 RA-081518-FL-031MS

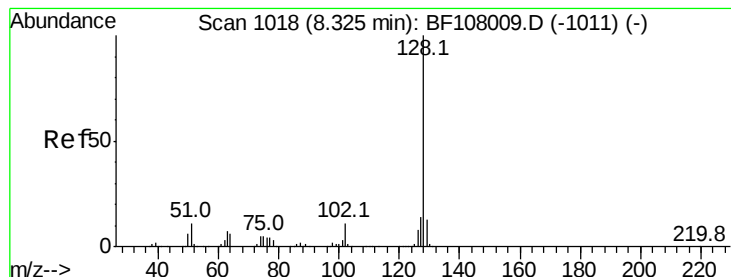
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.0	42.7	82.7
98	39.9	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 32.826 ng
 RT: 8.24 min Scan# 1003
 Delta R.T. 0.00 min
 Lab File: BF108253.D
 Acq: 17 Aug 2018 19:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.9	76.8	115.2
145	32.4	26.5	39.7





#31

Naphthalene

Concen: 34.969 ng

RT: 8.32 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BF108253.D

Acq: 17 Aug 2018 19:51

Instrument :

BNA_F

ClientSampleId :

RA-081518-FL-031MS

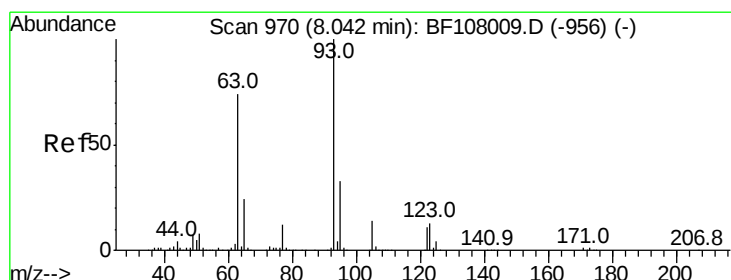
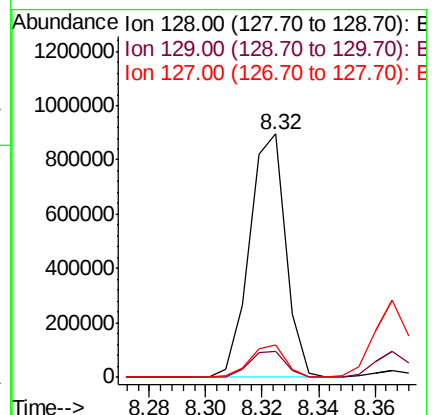
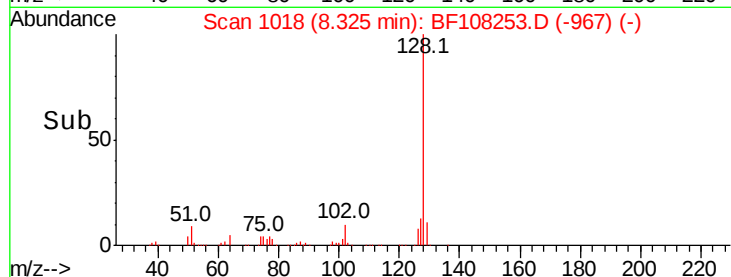
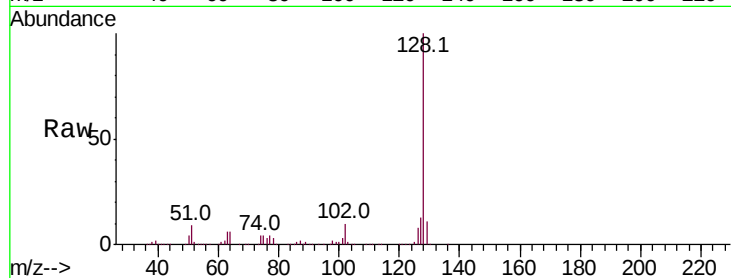
Tot Ion:128 Resp: 798650

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

127 13.5 10.9 16.3



#32

Benzoic acid

Concen: 8.239 ng

RT: 7.99 min Scan# 961

Delta R.T. -0.05 min

Lab File: BF108253.D

Acq: 17 Aug 2018 19:51

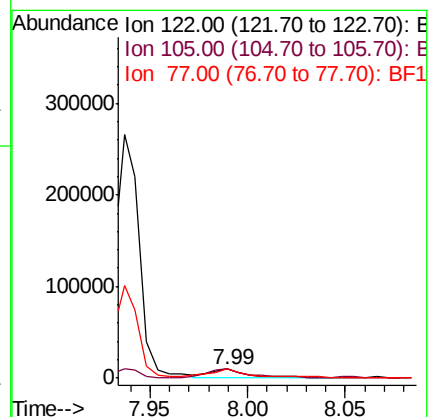
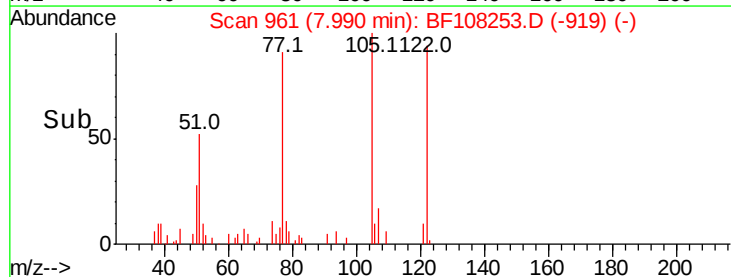
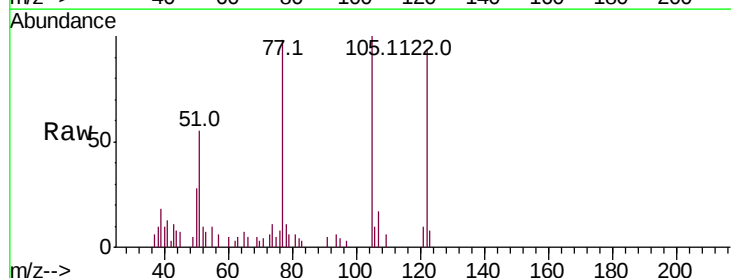
Tgt Ion:122 Resp: 11428

Ion Ratio Lower Upper

122 100

105 106.3 101.1 141.1

77 104.1 70.7 110.7

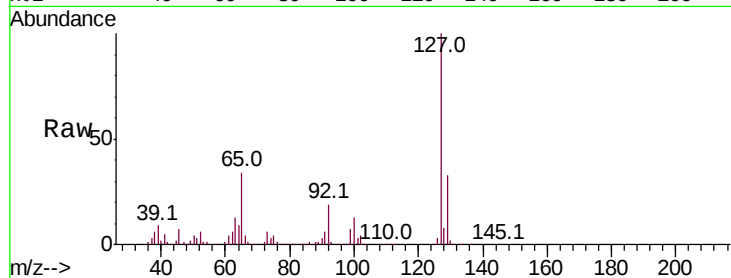




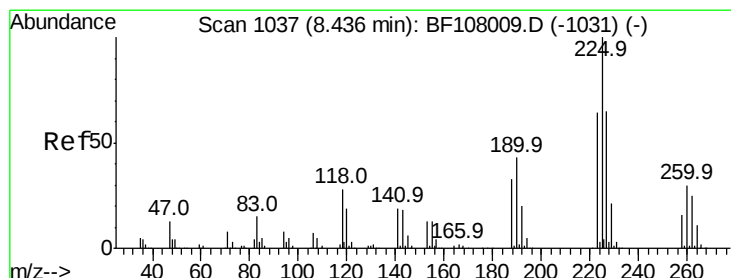
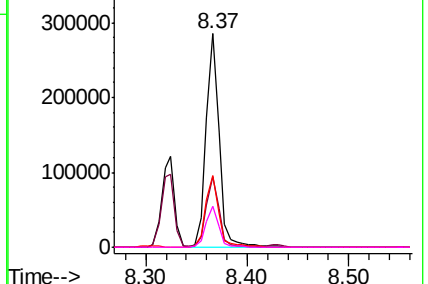
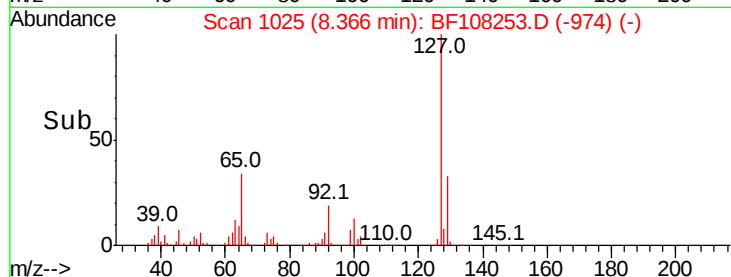
#33
4-Chloroaniline
Concen: 25.912 ng
RT: 8.37 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF108253.D
Acq: 17 Aug 2018 19:51

Instrument :
BNA_F
ClientSampleId :
RA-081518-FL-031MS

Tot Ion:	127	Resp:	257897
Ion	Ratio	Lower	Upper
127	100		
129	33.0	25.9	38.9
65	33.9	25.0	37.4
92	19.0	15.2	22.8

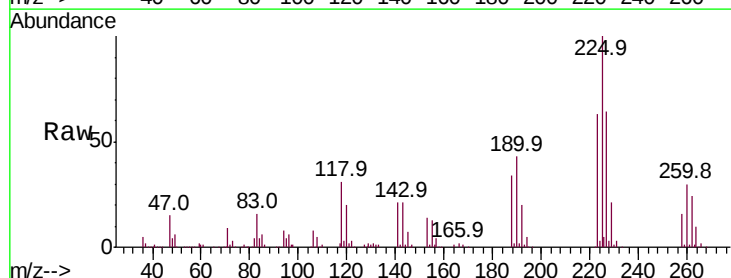


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

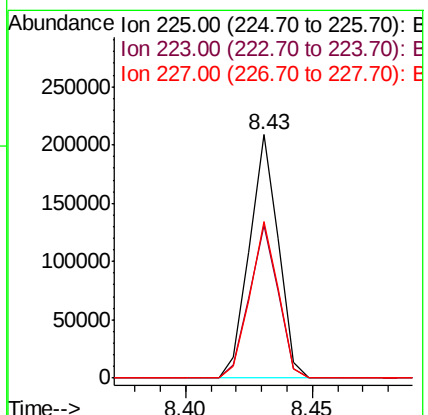
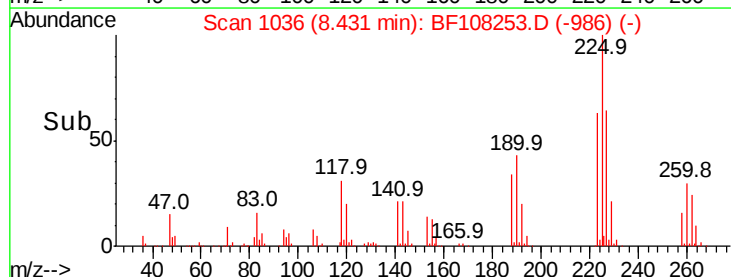


#34
Hexachlorobutadiene
Concen: 33.858 ng
RT: 8.43 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF108253.D
Acq: 17 Aug 2018 19:51

Tgt Ion:	225	Resp:	165570
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.6	76.0
227	64.2	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: 30.655 ng

RT: 8.72 min Scan# 1085

Delta R.T. -0.02 min

Lab File: BF108253.D

Acq: 17 Aug 2018 19:51

Instrument :

BNA_F

ClientSampleId :

RA-081518-FL-031MS

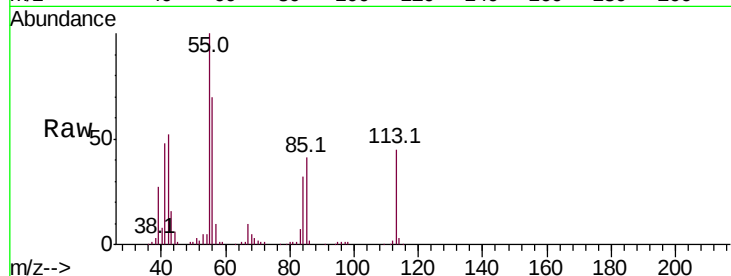
Tot Ion:113 Resp: 67306

Ion Ratio Lower Upper

113 100

55 220.5 163.3 203.3#

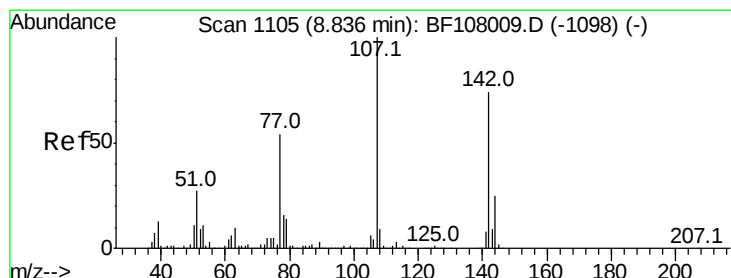
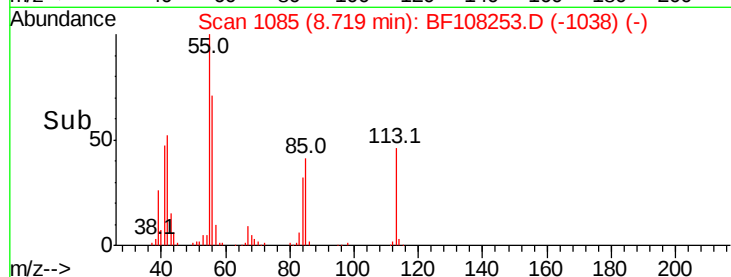
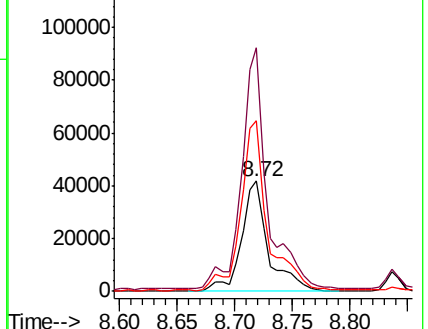
56 154.5 115.7 155.7



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: 30.365 ng

RT: 8.84 min Scan# 1105

Delta R.T. 0.00 min

Lab File: BF108253.D

Acq: 17 Aug 2018 19:51

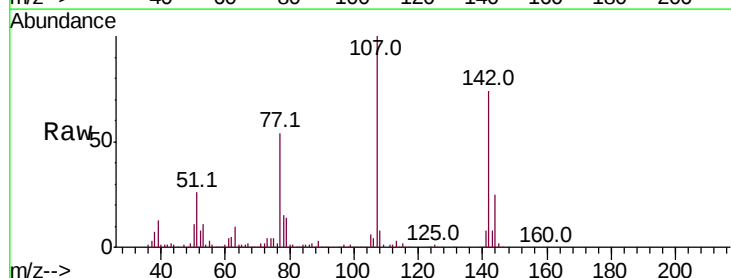
Tgt Ion:107 Resp: 229504

Ion Ratio Lower Upper

107 100

144 25.0 20.5 30.7

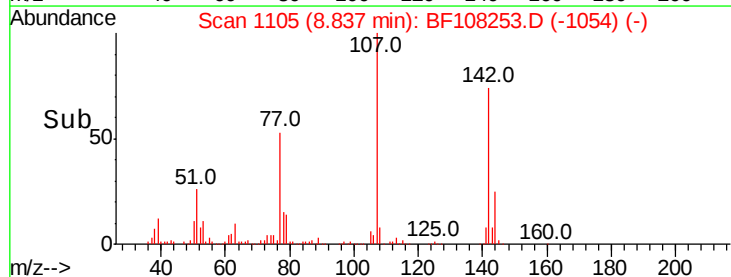
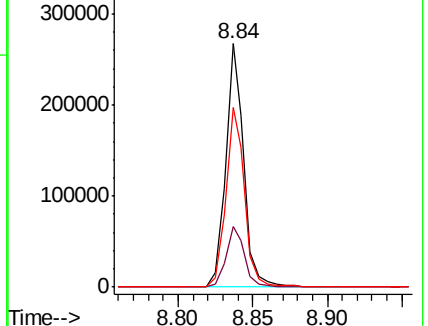
142 74.0 62.0 93.0

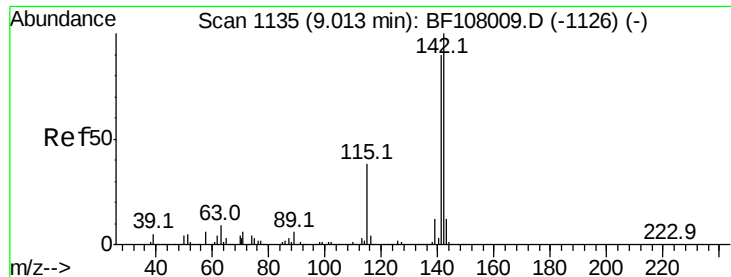


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

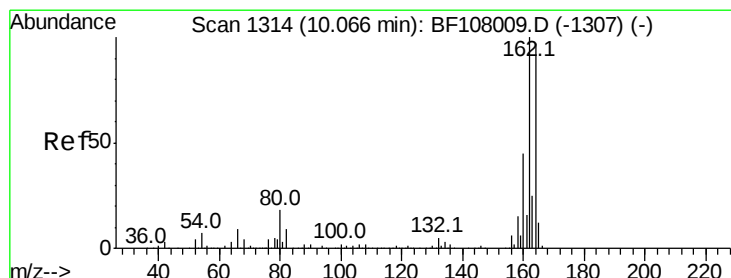
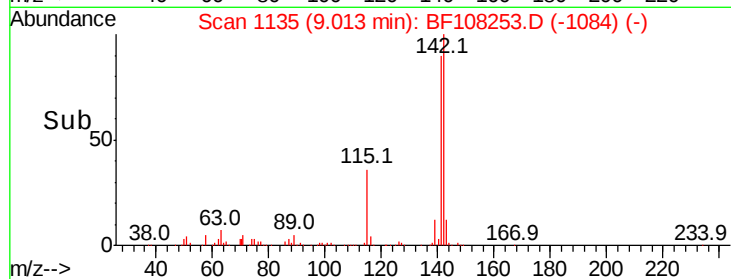
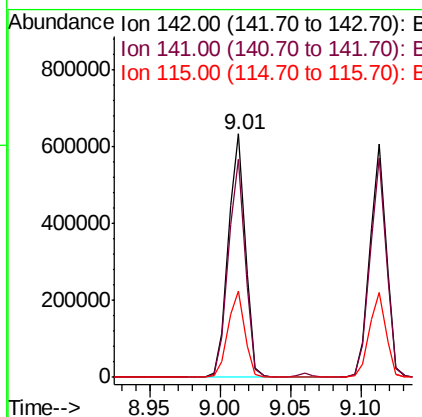
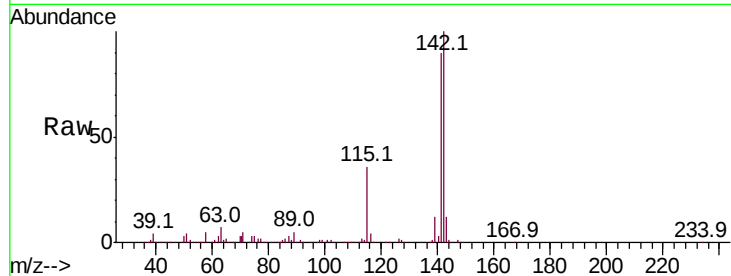




#37
2-Methylnaphthalene
Concen: 32.963 ng
RT: 9.01 min Scan# 1135
Delta R.T. 0.00 min
Lab File: BF108253.D
Acq: 17 Aug 2018 19:51

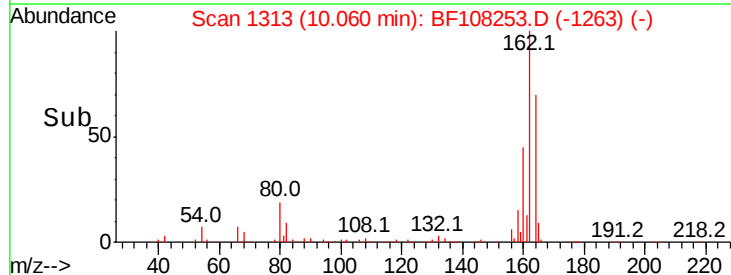
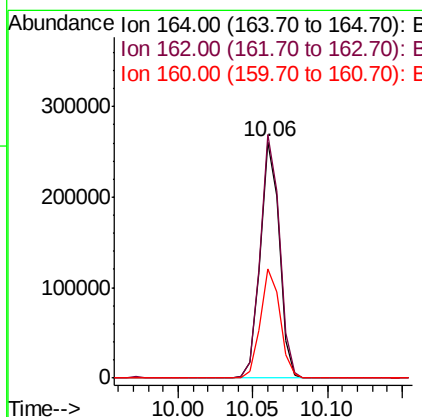
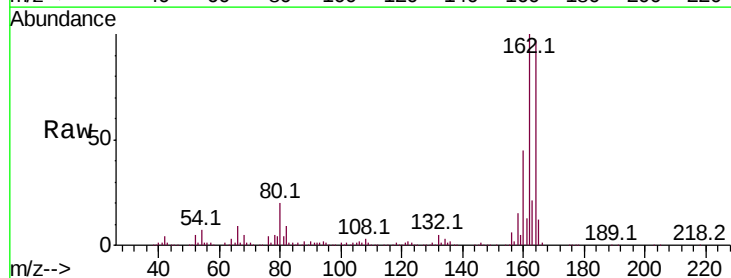
Instrument :
BNA_F
ClientSampleId :
RA-081518-FL-031MS

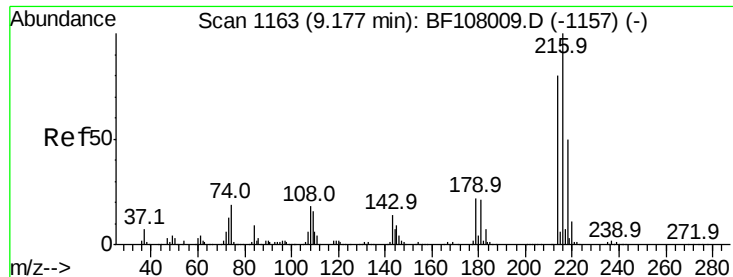
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	70.8	106.2
115	35.6	26.1	39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF108253.D
Acq: 17 Aug 2018 19:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	86.1	129.1
160	46.0	38.3	57.5

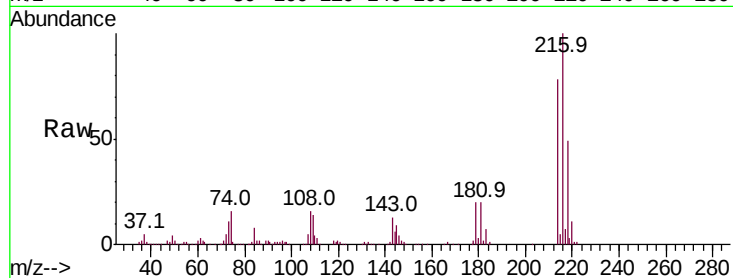




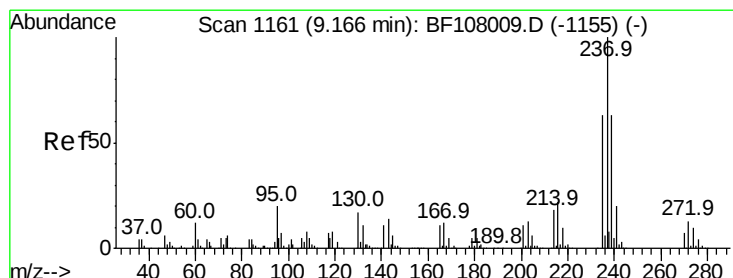
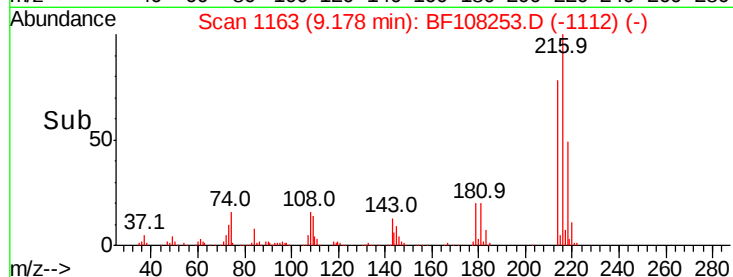
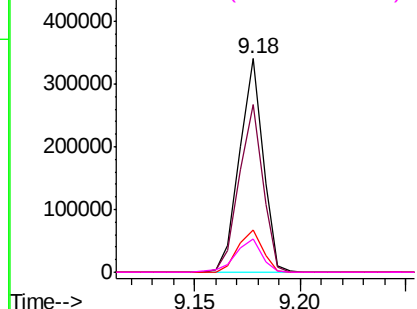
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.373 ng
 RT: 9.18 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BF108253.D
 Acq: 17 Aug 2018 19:51

Instrument :
 BNA_F
 ClientSampleId :
 RA-081518-FL-031MS

Tot Ion:	216	Resp:	262318
Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.0	94.4
179	20.8	18.1	27.1
108	17.3	17.2	25.8

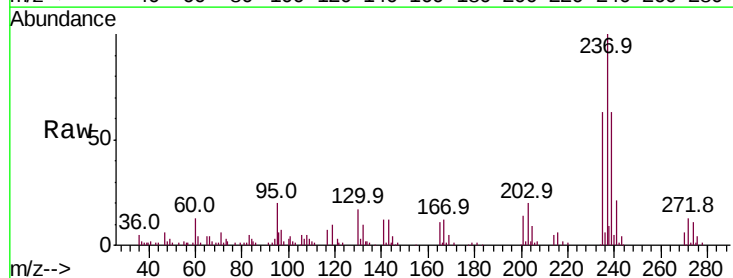


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

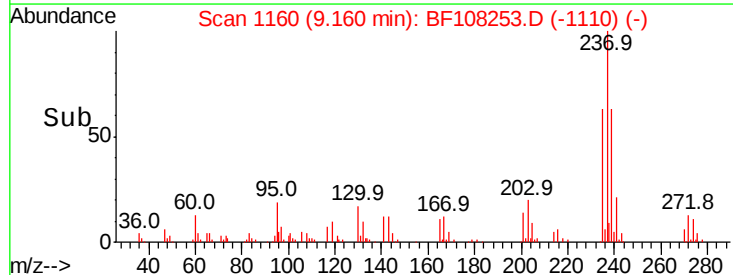
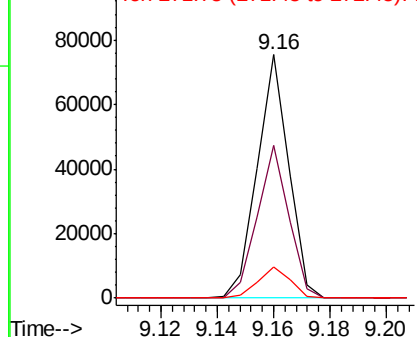


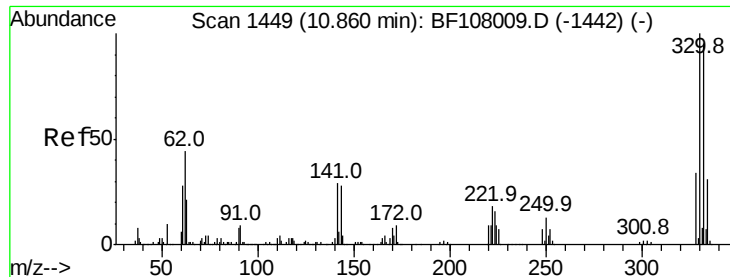
#40
 Hexachlorocyclopentadiene
 Concen: 12.878 ng
 RT: 9.16 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BF108253.D
 Acq: 17 Aug 2018 19:51

Tgt Ion:	237	Resp:	58382
Ion	Ratio	Lower	Upper
237	100		
235	62.9	44.8	84.8
272	12.9	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

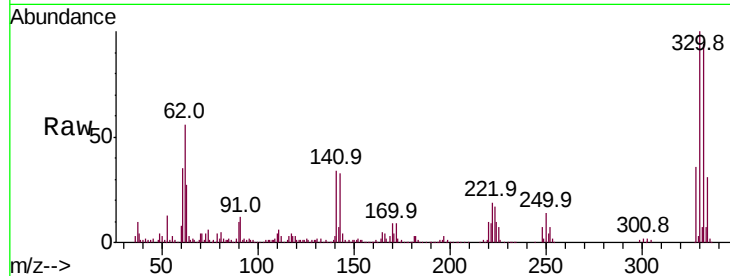




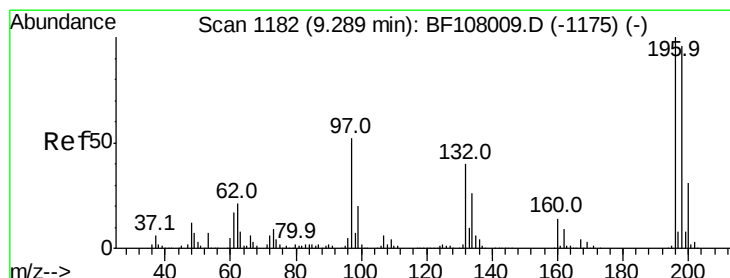
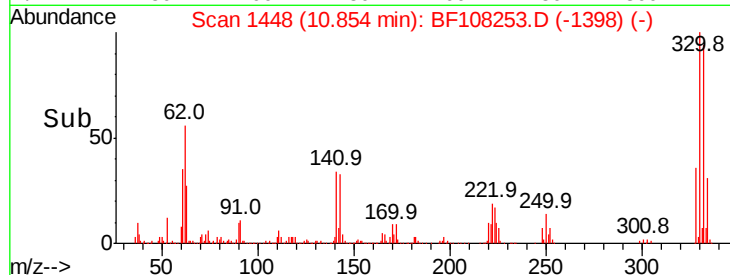
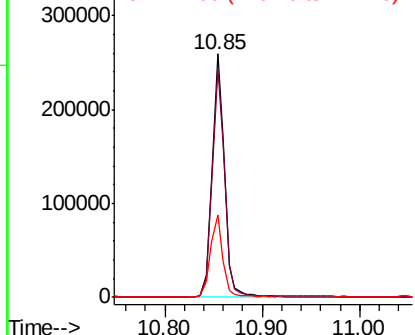
#41
 2,4,6-Tribromophenol
 Concen: 100.374 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF108253.D
 Acq: 17 Aug 2018 19:51

Instrument :
 BNA_F
 ClientSampleId :
 RA-081518-FL-031MS

Tot Ion:330 Resp: 228836
 Ion Ratio Lower Upper
 330 100
 332 94.4 77.0 115.6
 141 33.2 29.9 44.9

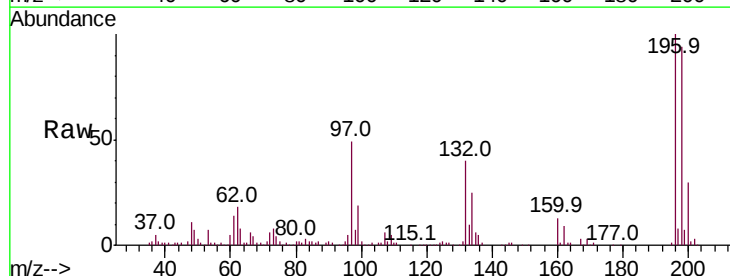


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

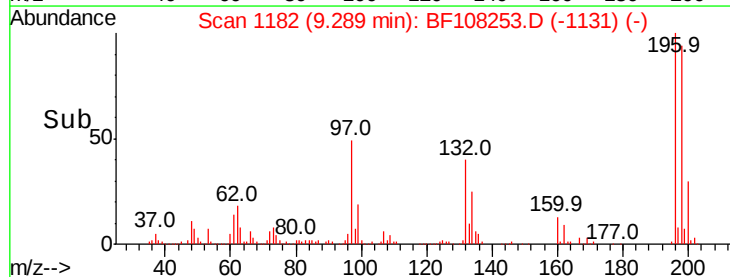
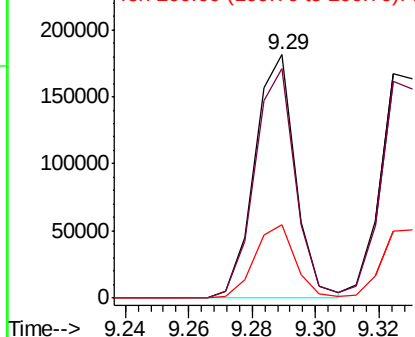


#42
 2,4,6-Trichlorophenol
 Concen: 37.086 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF108253.D
 Acq: 17 Aug 2018 19:51

Tgt Ion:196 Resp: 161528
 Ion Ratio Lower Upper
 196 100
 198 94.1 75.7 113.5
 200 30.4 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

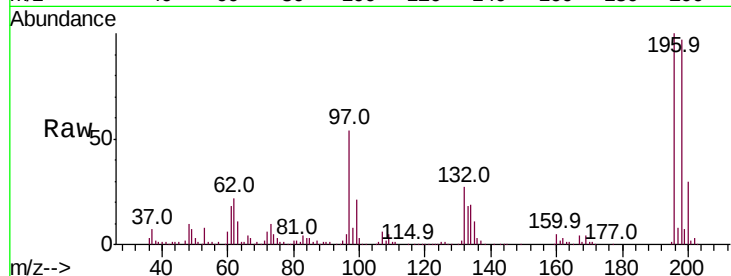




#43
 2,4,5-Trichlorophenol
 Concen: 35.379 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF108253.D
 Acq: 17 Aug 2018 19:51

Instrument :
 BNA_F
 ClientSampleId :
 RA-081518-FL-031MS

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.7	74.6	112.0
97	53.7	42.9	64.3
132	27.2	26.3	39.5



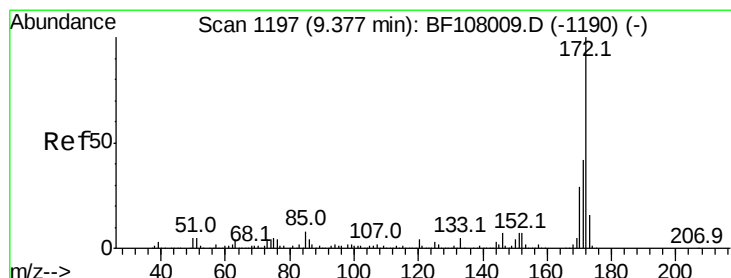
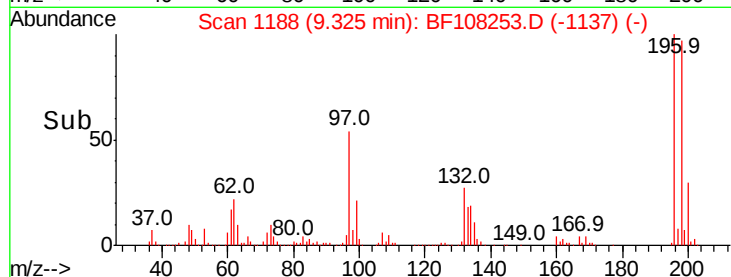
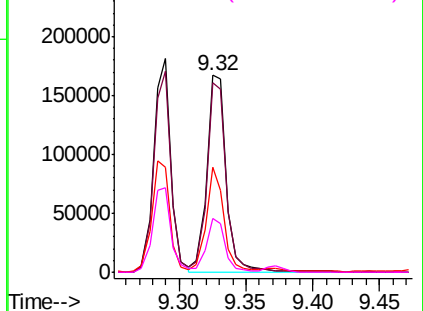
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

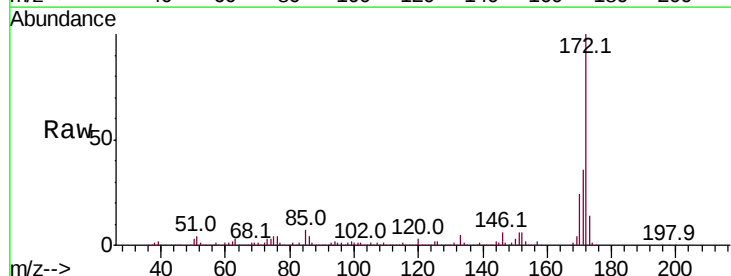
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 74.198 ng
 RT: 9.37 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF108253.D
 Acq: 17 Aug 2018 19:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.4	19.6	29.4

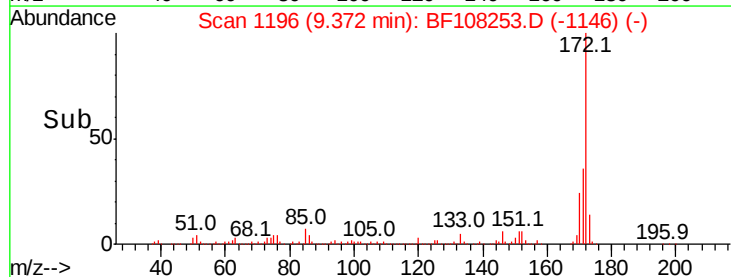
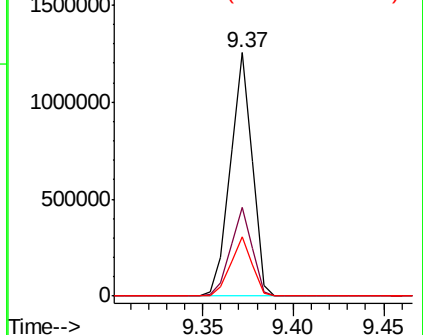


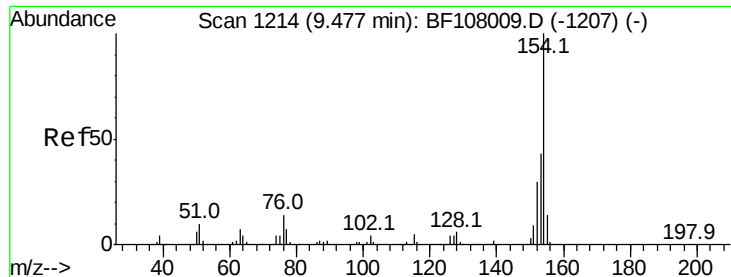
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

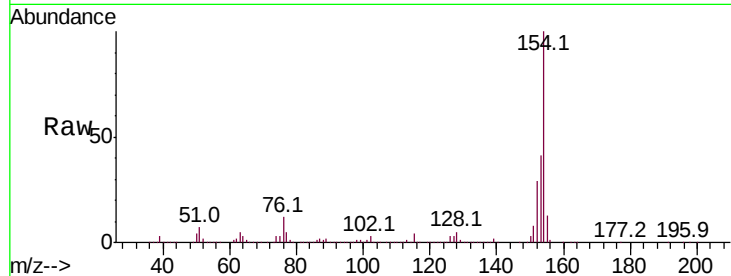




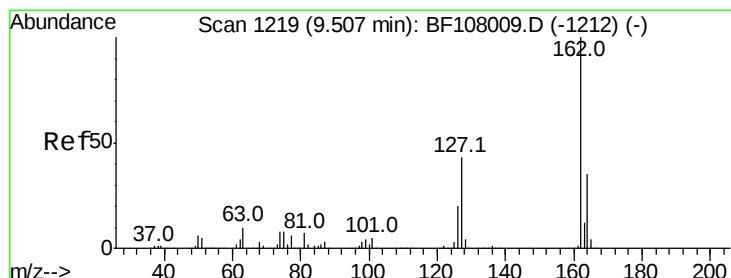
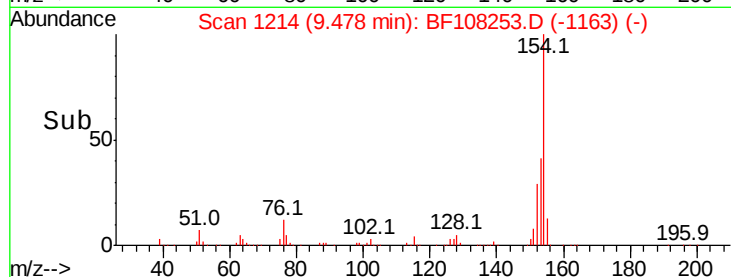
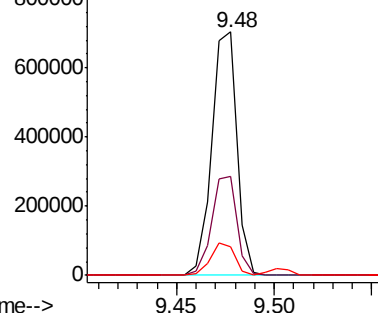
#45
 1,1'-Biphenyl
 Concen: 37.241 ng
 RT: 9.48 min Scan# 1214
 Delta R.T. 0.00 min
 Lab File: BF108253.D
 Acq: 17 Aug 2018 19:51

Instrument :
 BNA_F
 ClientSampleId :
 RA-081518-FL-031MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.6	21.3	61.3
76	11.8	0.0	34.0

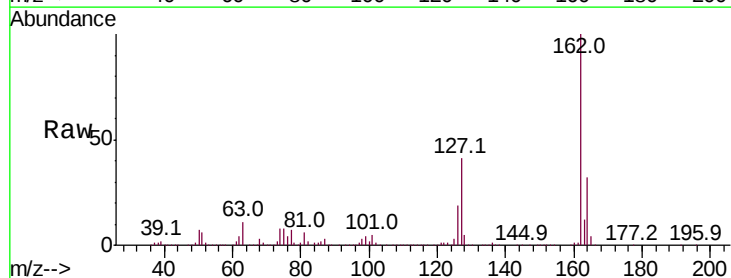


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

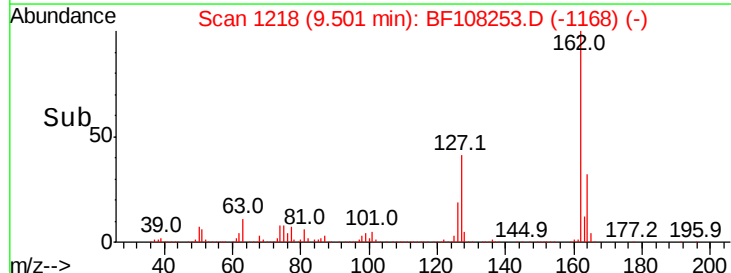
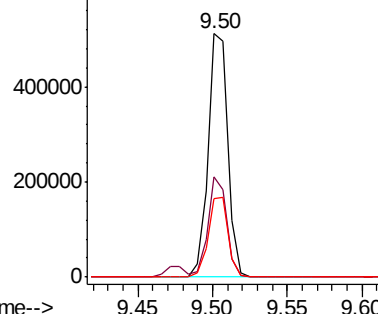


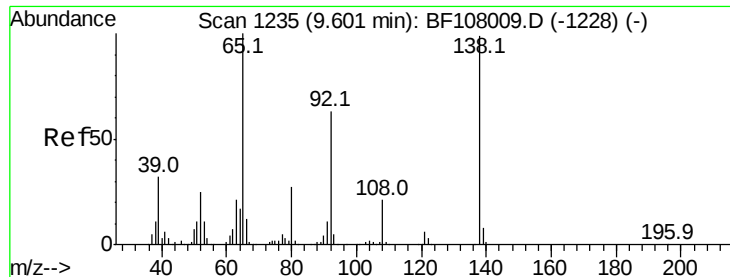
#46
 2-Chloronaphthalene
 Concen: 35.795 ng
 RT: 9.50 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF108253.D
 Acq: 17 Aug 2018 19:51

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.2	33.9	50.9
164	32.2	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

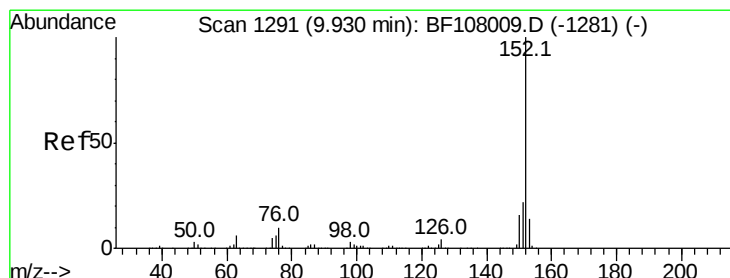
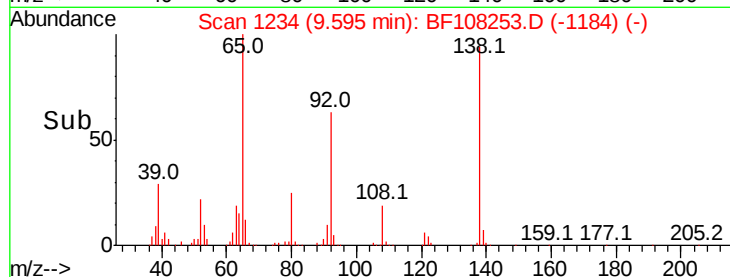
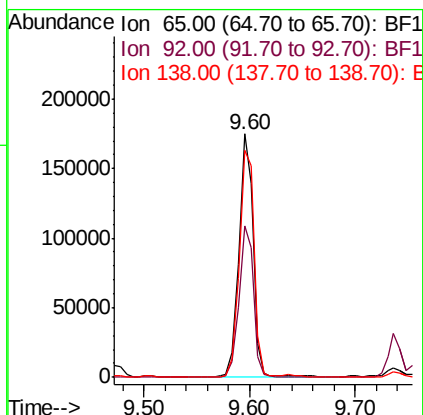
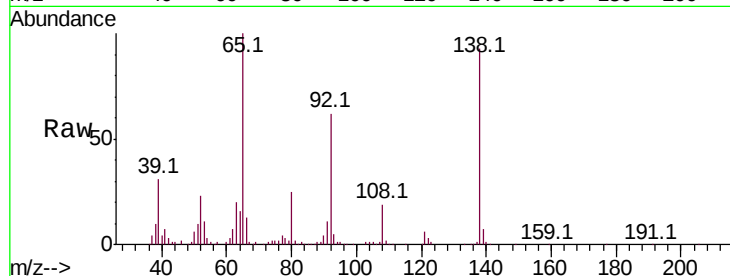




#47
2-Nitroaniline
Concen: 36.687 ng
RT: 9.60 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF108253.D
Acq: 17 Aug 2018 19:51

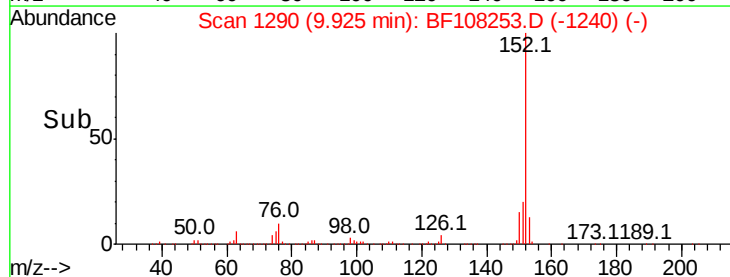
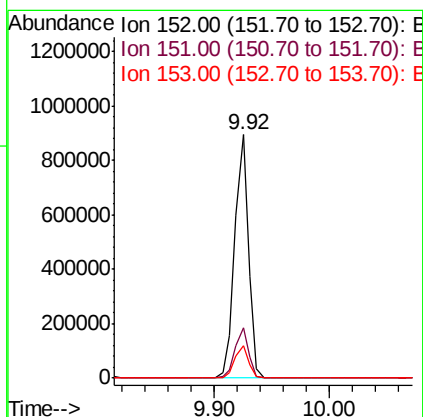
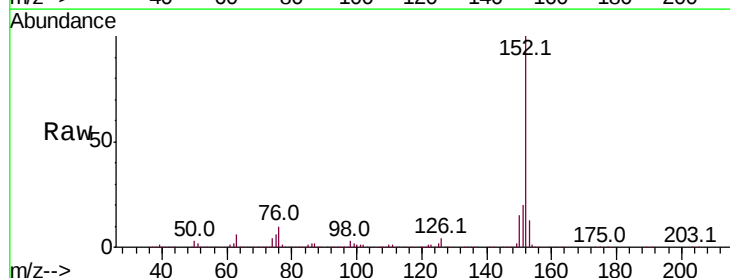
Instrument :
BNA_F
ClientSampleId :
RA-081518-FL-031MS

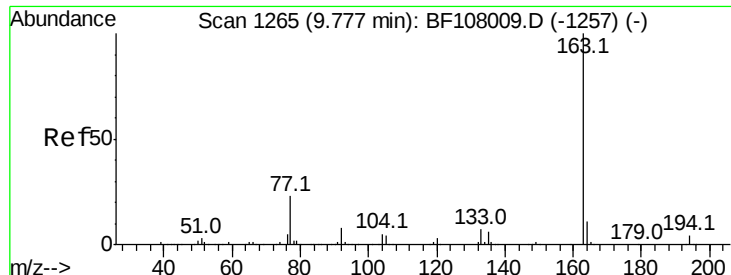
Tot Ion: 65 Resp: 158102
Ion Ratio Lower Upper
65 100
92 62.4 55.8 83.6
138 93.0 91.2 136.8



#48
Acenaphthylene
Concen: 35.041 ng
RT: 9.92 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF108253.D
Acq: 17 Aug 2018 19:51

Tgt Ion: 152 Resp: 737843
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5
153 13.4 10.7 16.1

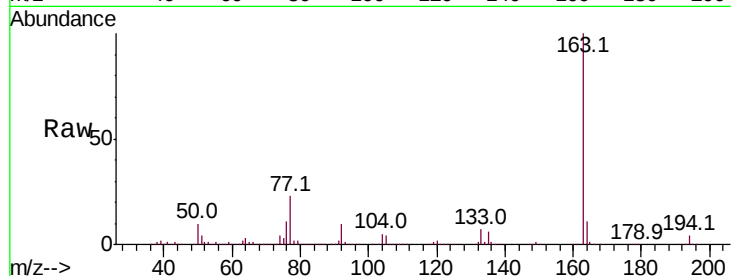




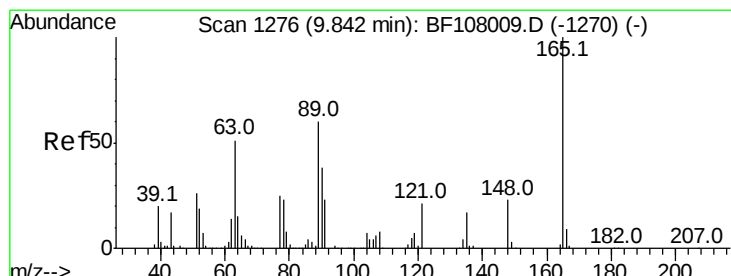
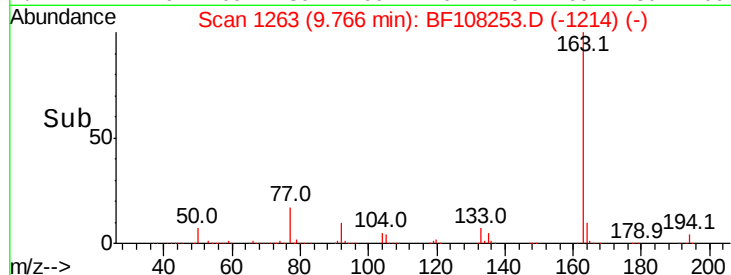
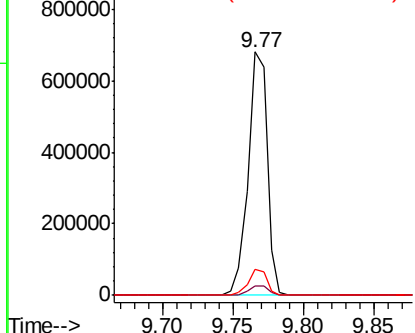
#49
Dimethylphthalate
Concen: 40.683 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF108253.D
Acq: 17 Aug 2018 19:51

Instrument :
BNA_F
ClientSampleId :
RA-081518-FL-031MS

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	10.5	8.2	12.2

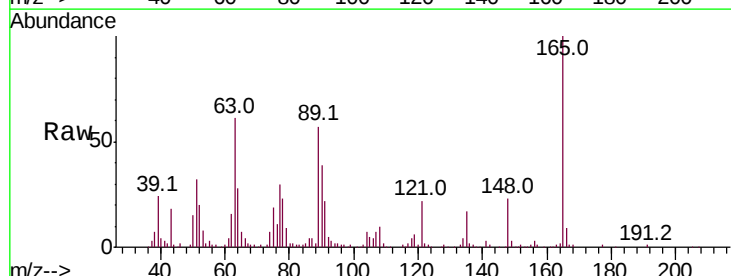


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

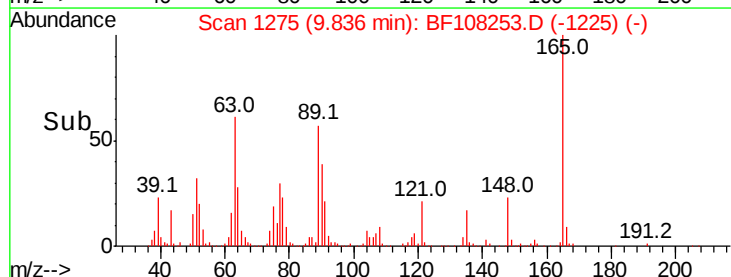
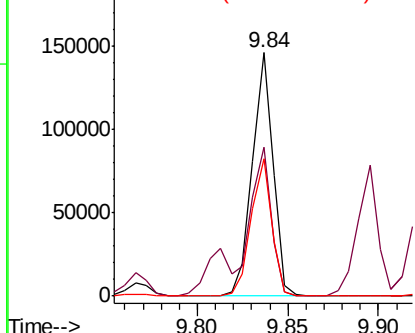


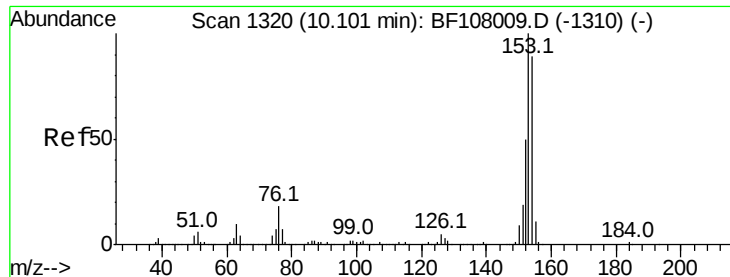
#50
2,6-Dinitrotoluene
Concen: 34.964 ng
RT: 9.84 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BF108253.D
Acq: 17 Aug 2018 19:51

Tgt Ion	Ratio	Lower	Upper
165	100		
63	61.3	44.7	67.1
89	56.6	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: 33.407 ng

RT: 10.10 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF108253.D

Acq: 17 Aug 2018 19:51

Instrument :

BNA_F

ClientSampleId :

RA-081518-FL-031MS

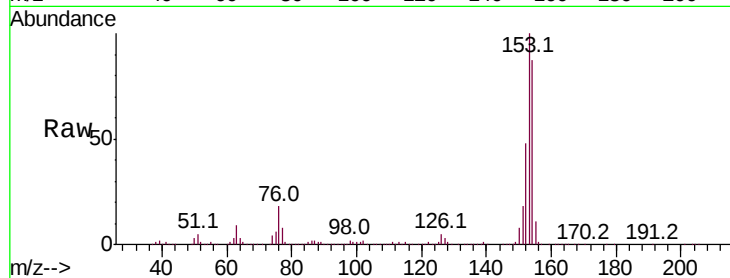
Tot Ion:154 Resp: 430844

Ion Ratio Lower Upper

154 100

153 114.6 91.2 136.8

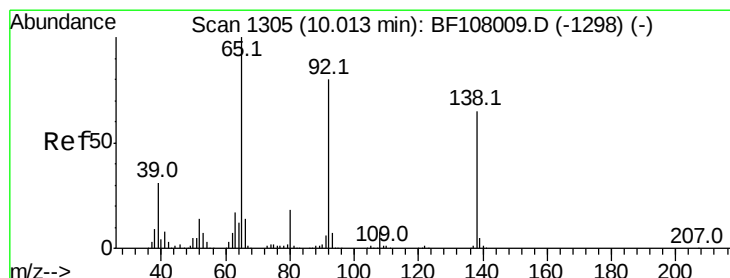
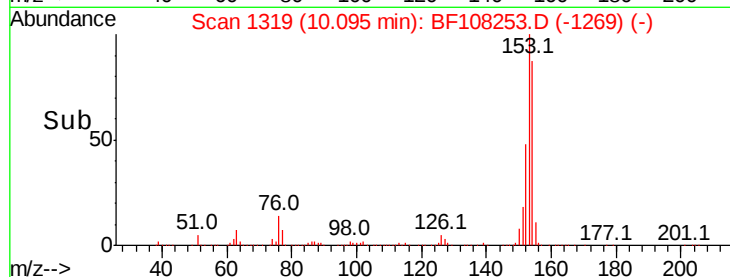
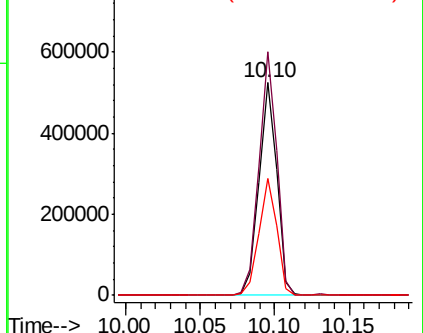
152 55.0 43.8 65.8



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: 31.090 ng

RT: 10.01 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF108253.D

Acq: 17 Aug 2018 19:51

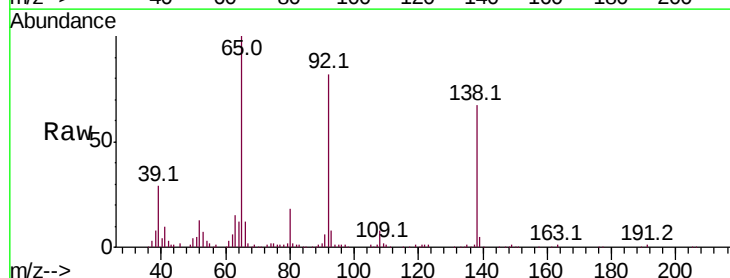
Tgt Ion:138 Resp: 113307

Ion Ratio Lower Upper

138 100

108 12.1 9.4 14.0

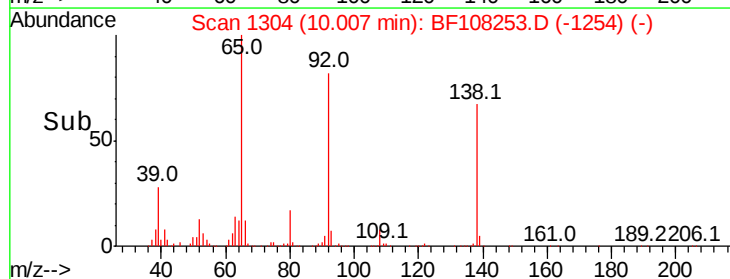
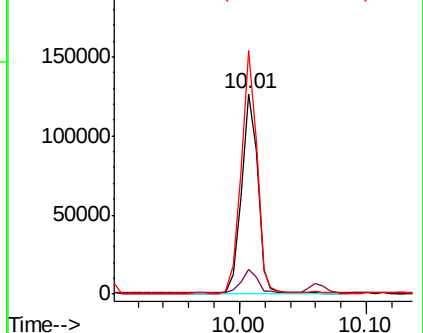
92 121.5 89.4 134.2

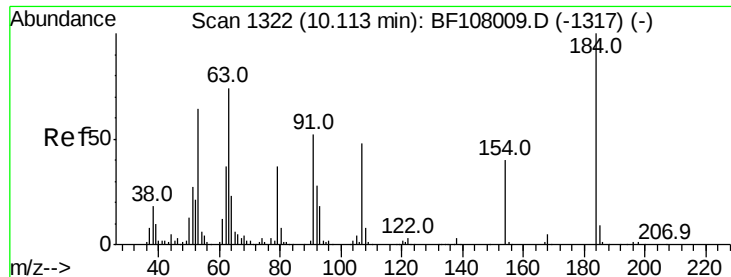


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

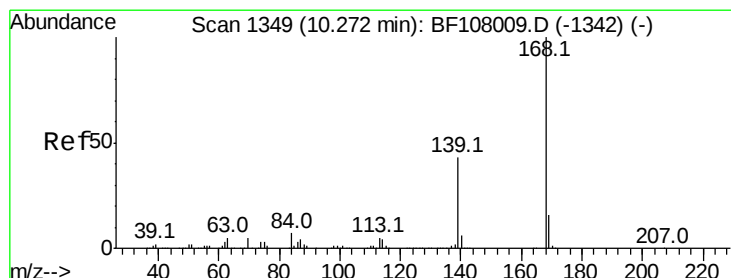
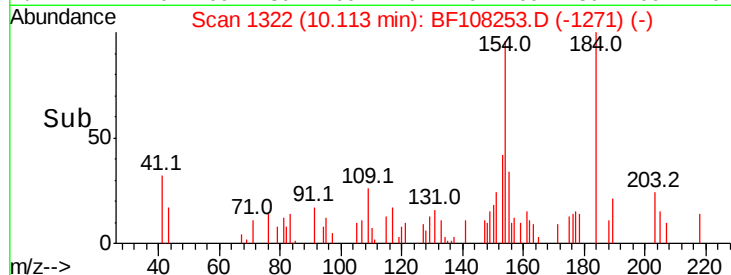
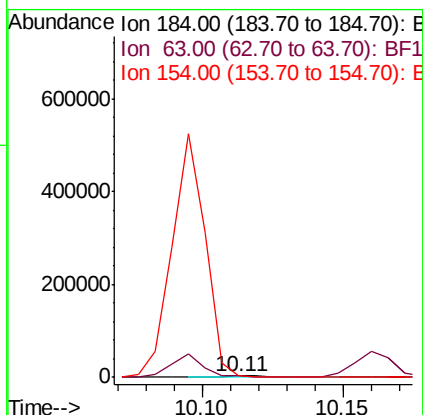
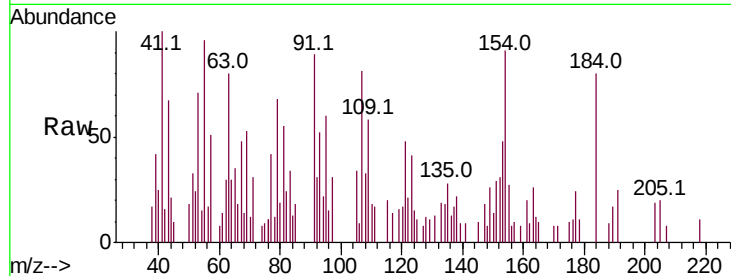




#53
2,4-Dinitrophenol
Concen: 9.341 ng
RT: 10.11 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF108253.D
Acq: 17 Aug 2018 19:51

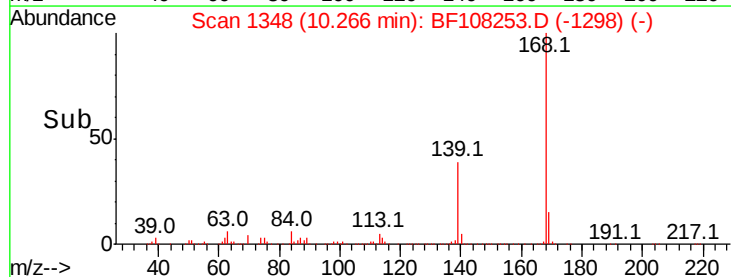
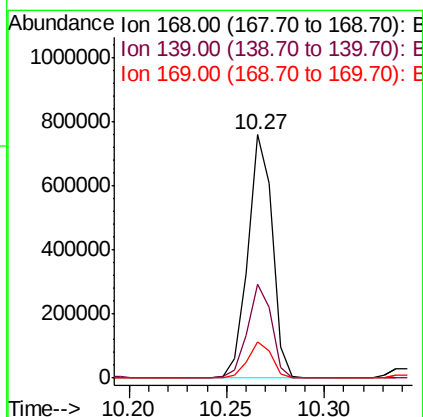
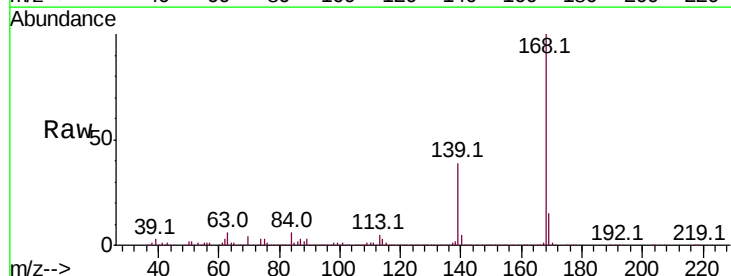
Instrument :
BNA_F
ClientSampleId :
RA-081518-FL-031MS

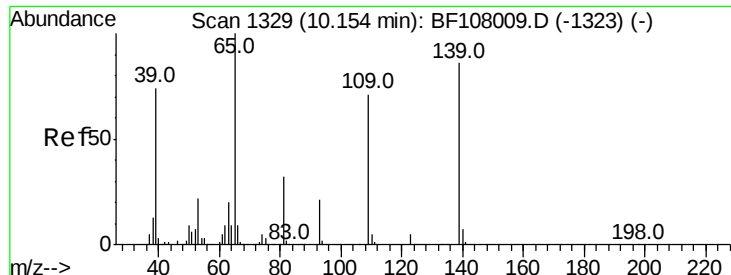
Tot Ion:184 Resp: 3171
Ion Ratio Lower Upper
184 100
63 100.0 54.2 81.2#
154 113.5 184.0 276.0#



#54
Dibenzofuran
Concen: 35.318 ng
RT: 10.27 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF108253.D
Acq: 17 Aug 2018 19:51

Tgt Ion:168 Resp: 659915
Ion Ratio Lower Upper
168 100
139 38.5 30.1 45.1
169 14.7 10.9 16.3





#55

4-Nitrophenol

Concen: 62.428 ng

RT: 10.16 min Scan# 1330

Delta R.T. 0.01 min

Lab File: BF108253.D

Acq: 17 Aug 2018 19:51

Instrument :

BNA_F

ClientSampleId :

RA-081518-FL-031MS

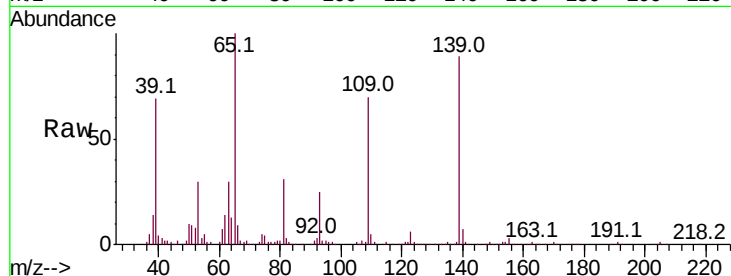
Tot Ion:139 Resp: 172291

Ion Ratio Lower Upper

139 100

109 78.9 48.4 88.4

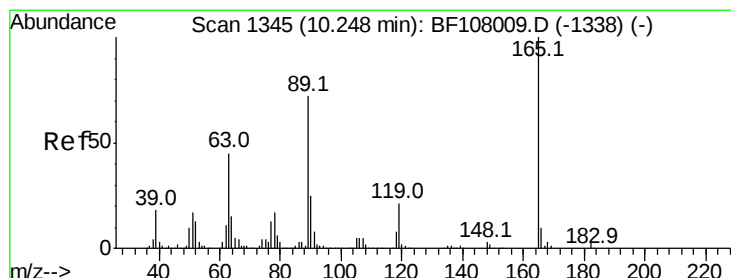
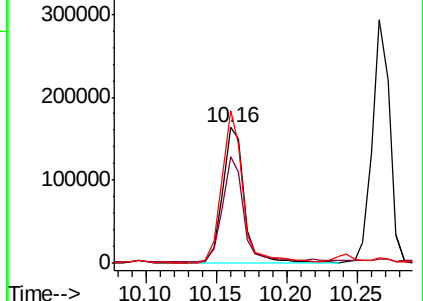
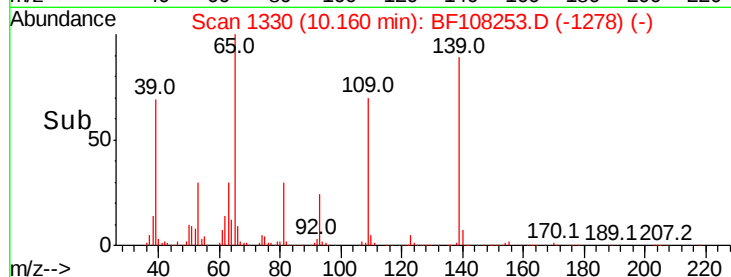
65 112.4 72.6 112.6



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: 34.092 ng

RT: 10.24 min Scan# 1344

Delta R.T. -0.01 min

Lab File: BF108253.D

Acq: 17 Aug 2018 19:51

Tgt Ion:165 Resp: 146176

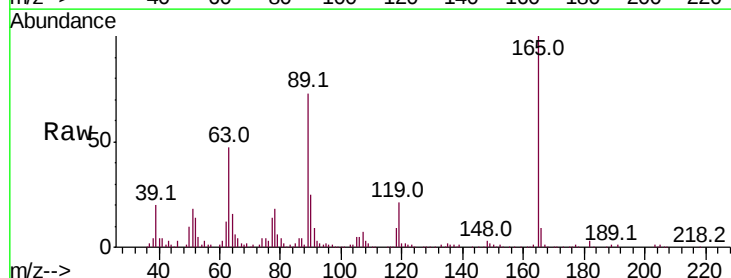
Ion Ratio Lower Upper

165 100

63 47.0 36.4 54.6

89 72.6 57.8 86.6

182 2.7 1.6 2.4#

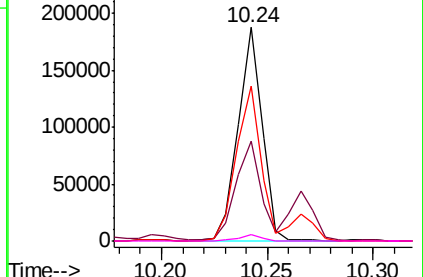
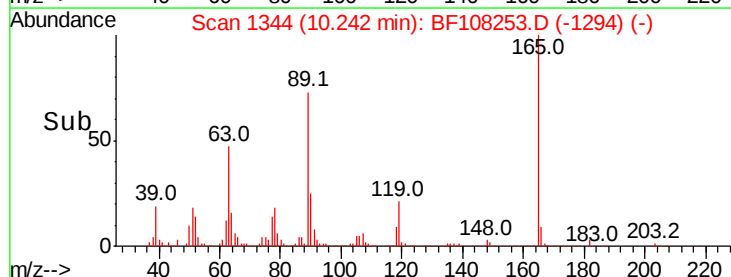


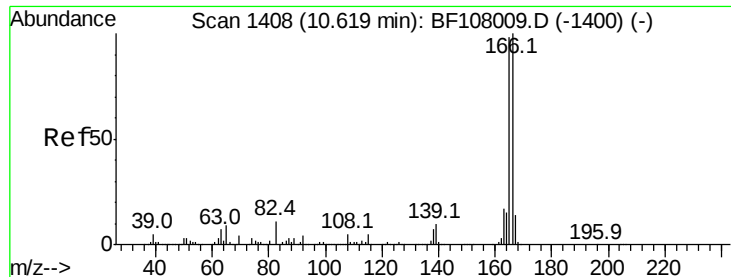
Abundance Ion 165.00 (164.70 to 165.70): E

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: 35.517 ng

RT: 10.61 min Scan# 1407

Delta R.T. -0.01 min

Lab File: BF108253.D

Acq: 17 Aug 2018 19:51

Instrument :

BNA_F

ClientSampleId :

RA-081518-FL-031MS

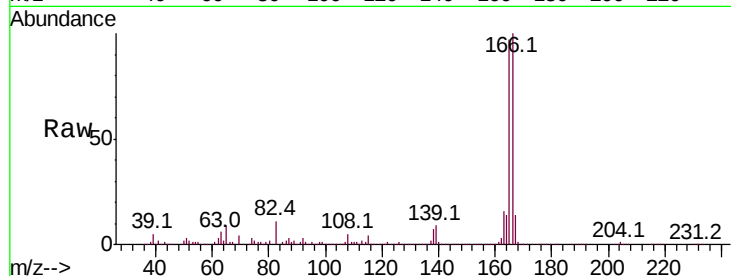
Tot Ion:166 Resp: 525333

Ion Ratio Lower Upper

166 100

165 97.4 79.8 119.8

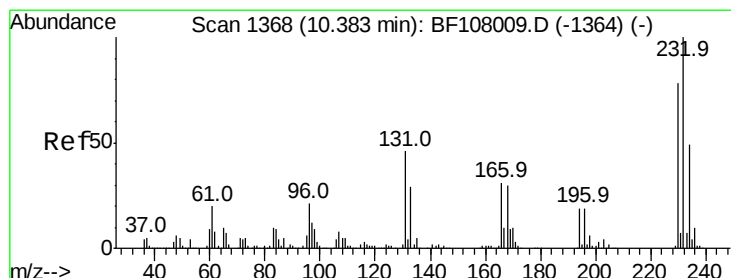
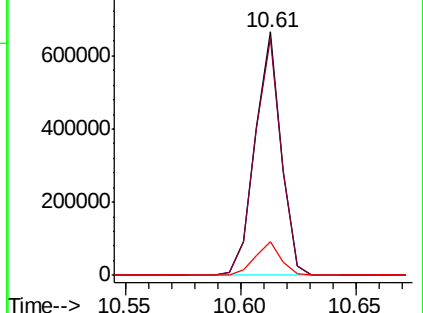
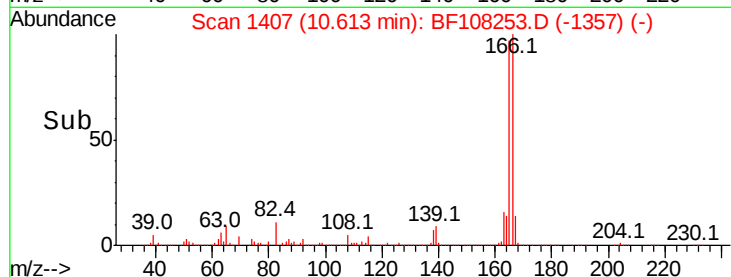
167 13.6 10.6 16.0



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: 33.338 ng

RT: 10.38 min Scan# 1368

Delta R.T. 0.00 min

Lab File: BF108253.D

Acq: 17 Aug 2018 19:51

Tgt Ion:232 Resp: 133600

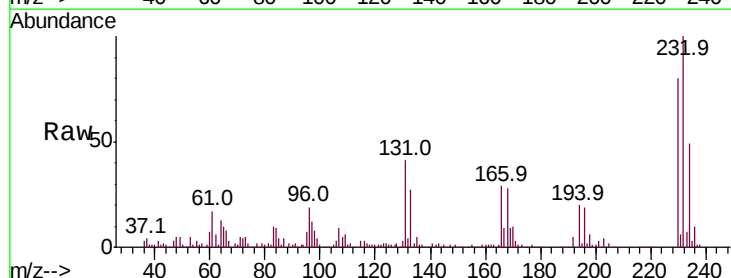
Ion Ratio Lower Upper

232 100

131 43.2 43.8 65.8#

130 4.4 2.1 3.1#

166 29.4 27.8 41.6

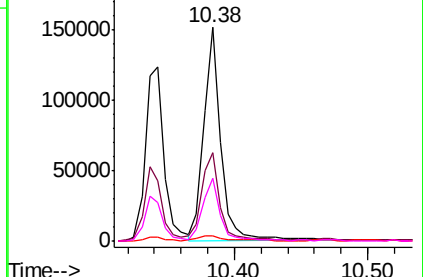
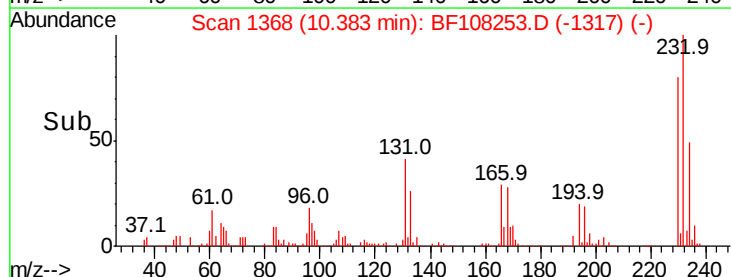


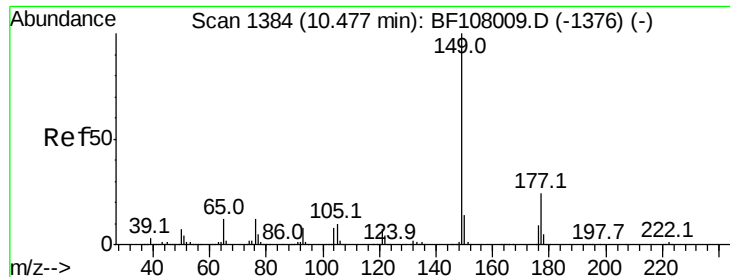
Abundance Ion 232.00 (231.70 to 232.70): E

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

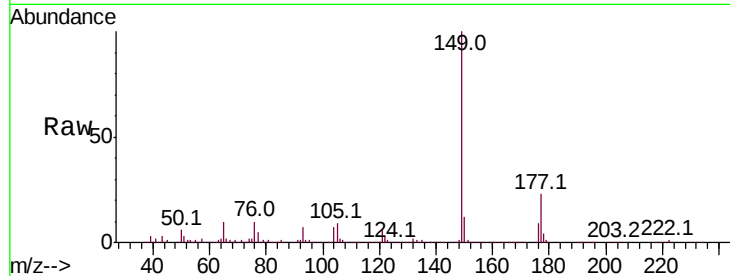




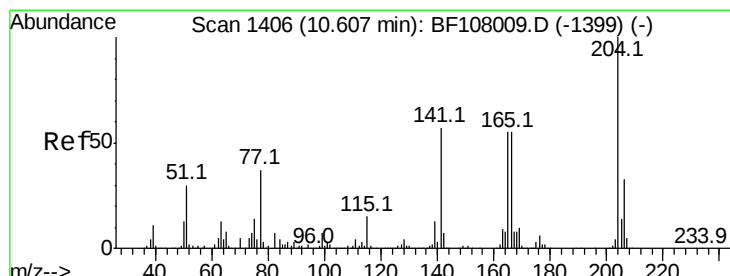
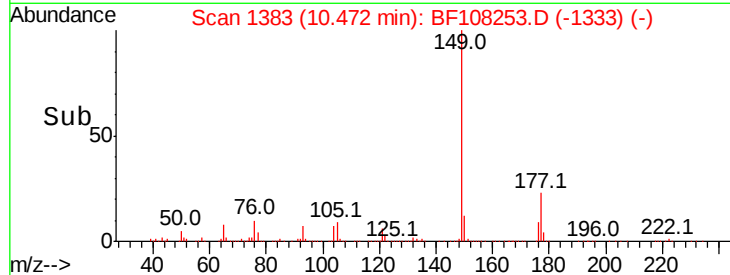
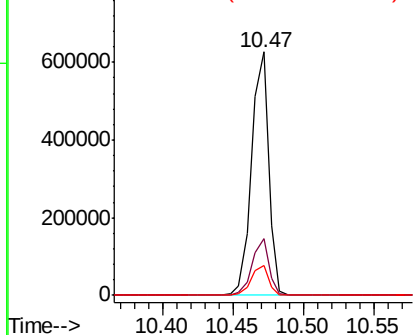
#59
Diethylphthalate
Concen: 34.725 ng
RT: 10.47 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BF108253.D
Acq: 17 Aug 2018 19:51

Instrument :
BNA_F
ClientSampleId :
RA-081518-FL-031MS

Tot Ion:	149	Resp:	535352
Ion	Ratio	Lower	Upper
149	100		
177	23.4	16.1	24.1
150	12.3	10.1	15.1

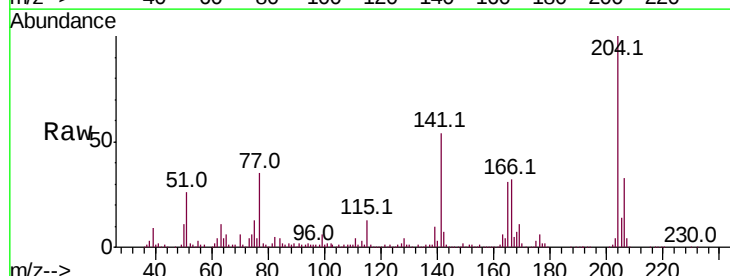


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

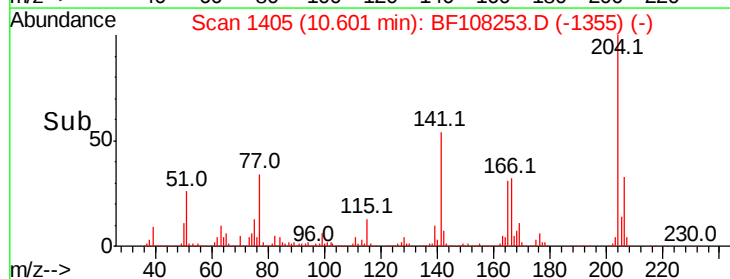
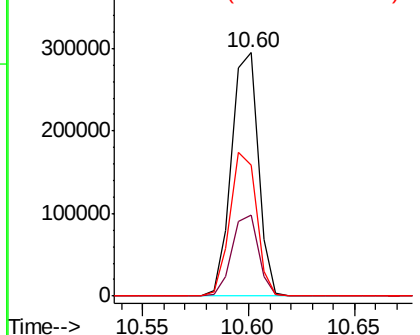


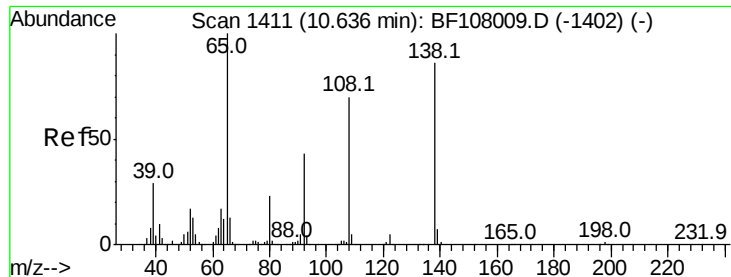
#60
4-Chlorophenyl-phenylether
Concen: 33.641 ng
RT: 10.60 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF108253.D
Acq: 17 Aug 2018 19:51

Tgt Ion:	204	Resp:	259280
Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.5	39.7
141	53.7	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

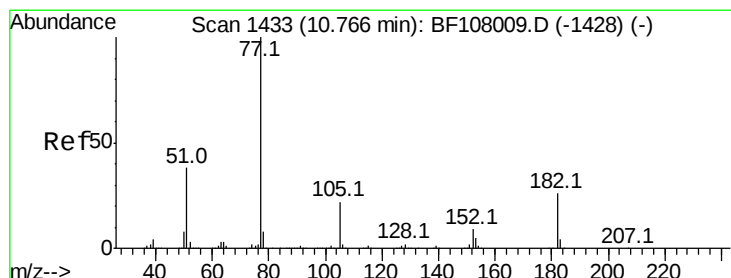
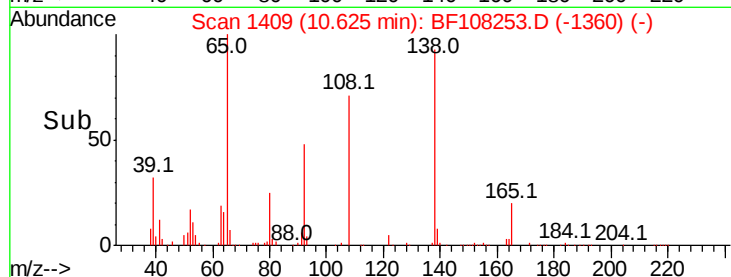
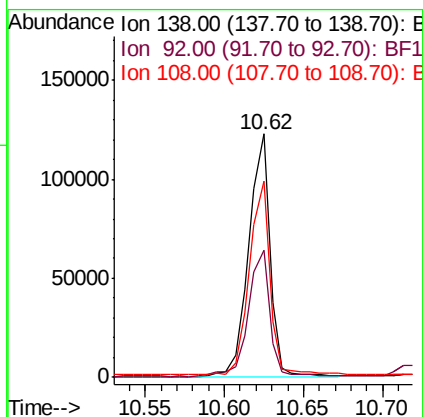
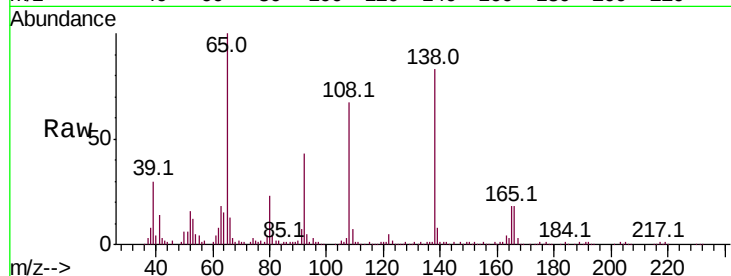




#61
4-Nitroaniline
Concen: 31.816 ng
RT: 10.62 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF108253.D
Acq: 17 Aug 2018 19:51

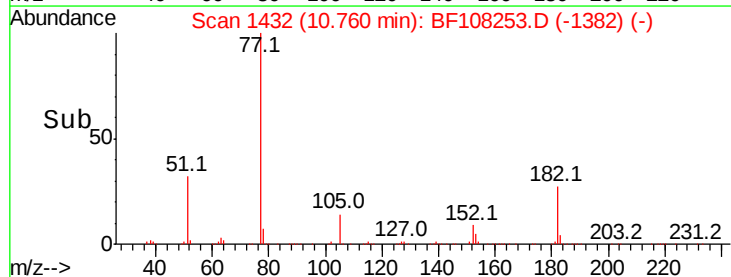
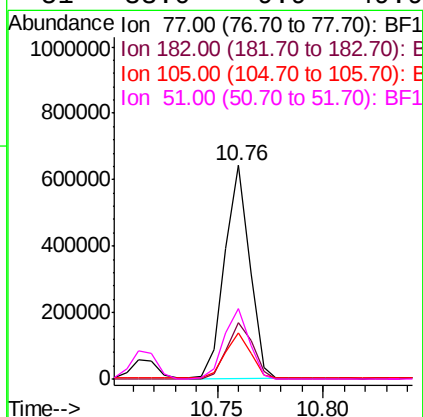
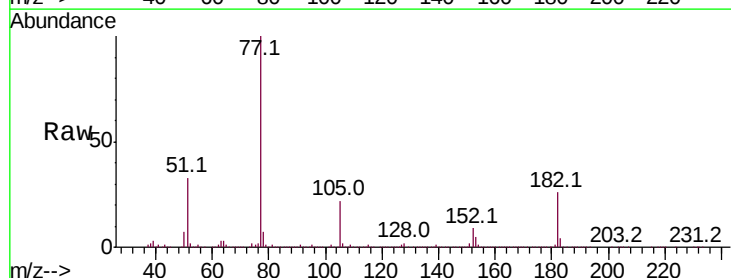
Instrument :
BNA_F
ClientSampleId :
RA-081518-FL-031MS

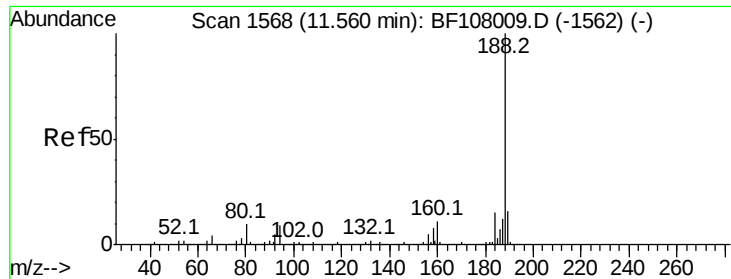
Tot Ion:138 Resp: 114643
Ion Ratio Lower Upper
138 100
92 52.2 30.2 70.2
108 80.8 52.5 92.5



#62
Azobenzene
Concen: 32.754 ng
RT: 10.76 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF108253.D
Acq: 17 Aug 2018 19:51

Tgt Ion: 77 Resp: 521498
Ion Ratio Lower Upper
77 100
182 26.3 1.7 41.7
105 21.5 3.0 43.0
51 33.0 9.9 49.9

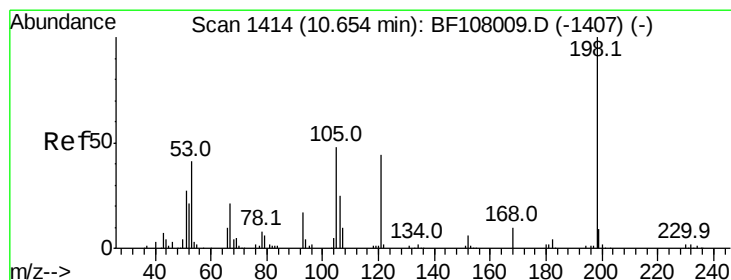
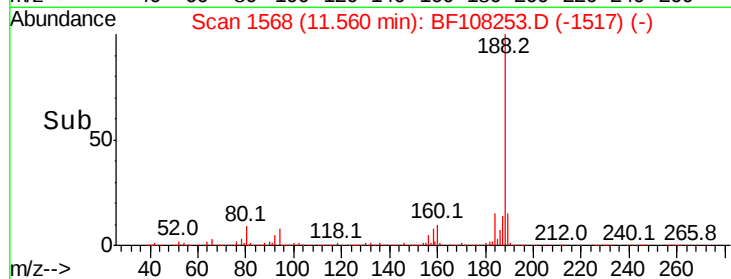
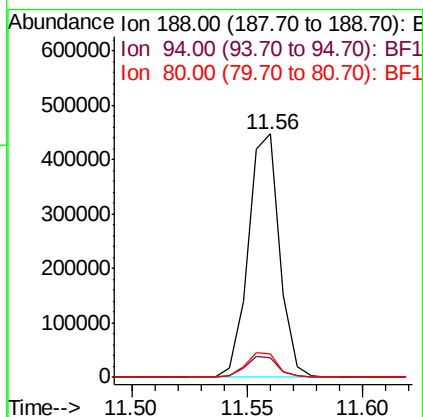
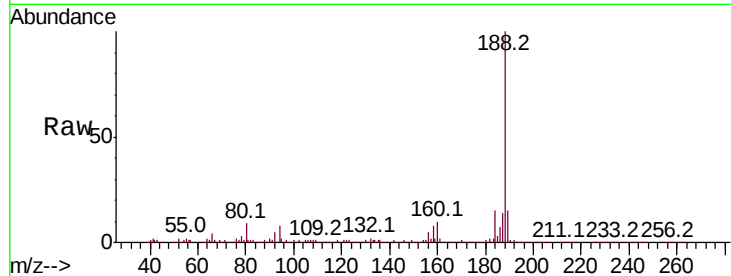




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.56 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BF108253.D
Acq: 17 Aug 2018 19:51

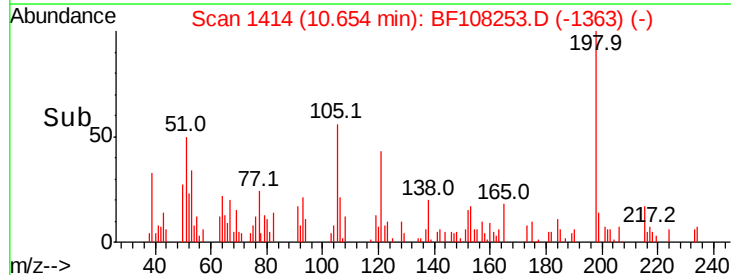
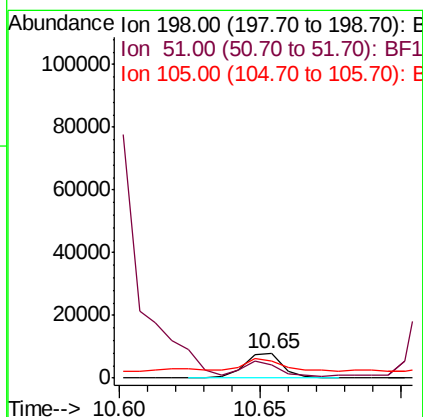
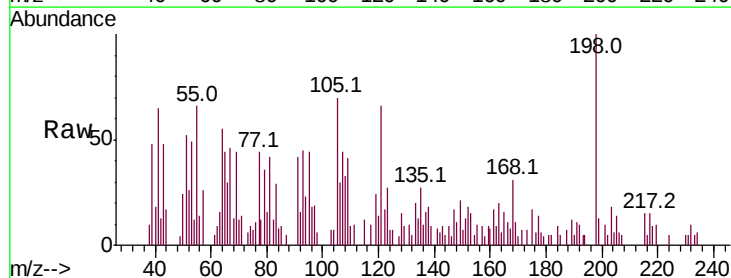
Instrument :
BNA_F
ClientSampleId :
RA-081518-FL-031MS

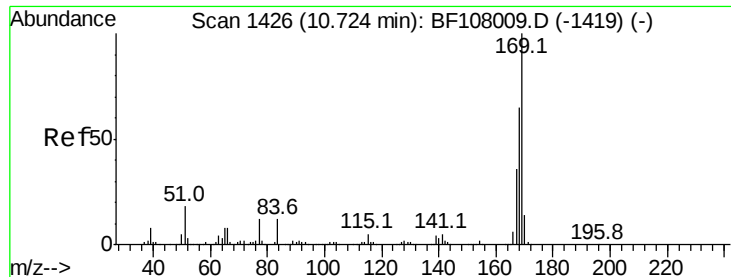
Tot Ion:188 Resp: 423120
Ion Ratio Lower Upper
188 100
94 8.3 8.5 12.7#
80 9.4 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 9.486 ng
RT: 10.65 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF108253.D
Acq: 17 Aug 2018 19:51

Tgt Ion:198 Resp: 7381
Ion Ratio Lower Upper
198 100
51 52.1 37.7 77.7
105 69.7 36.3 76.3

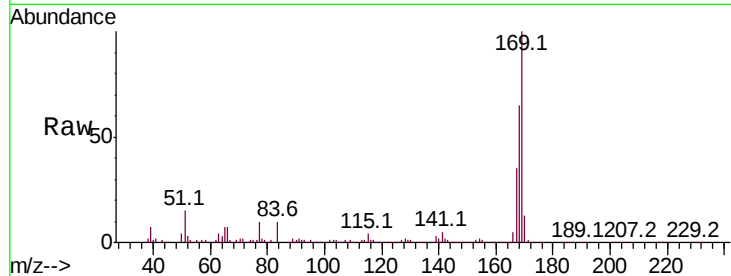




#65
n-Nitrosodiphenylamine
Concen: 36.352 ng
RT: 10.72 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF108253.D
Acq: 17 Aug 2018 19:51

Instrument :
BNA_F
ClientSampleId :
RA-081518-FL-031MS

Tot Ion	Ratio	Lower	Upper
169	100		
168	64.7	54.4	81.6
167	34.9	29.8	44.6

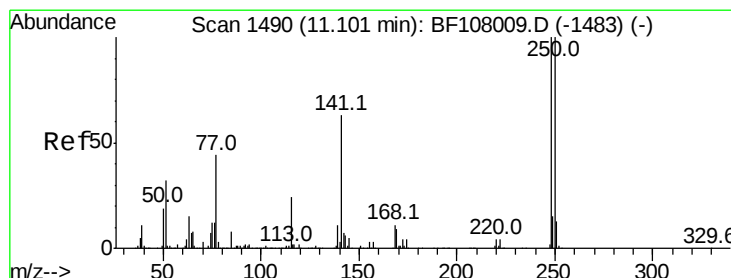
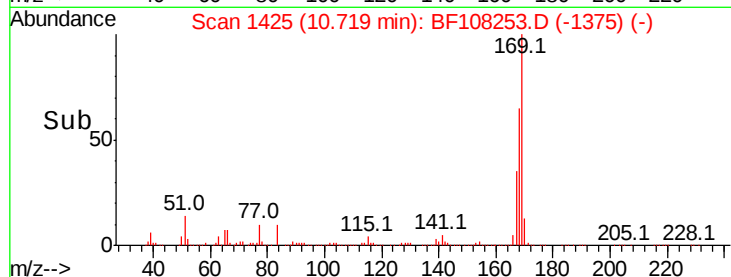
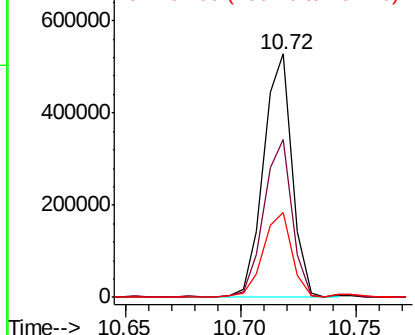


Abundance

Ion 169.00 (168.70 to 169.70): E

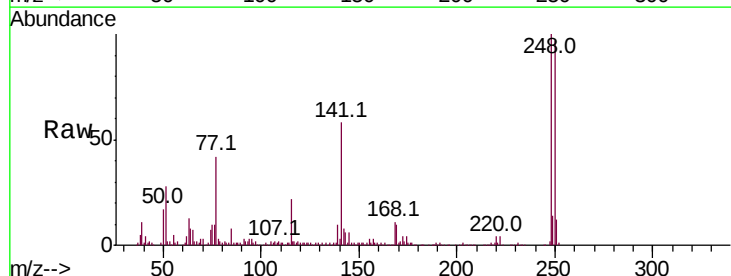
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66
4-Bromophenyl-phenylether
Concen: 34.924 ng
RT: 11.10 min Scan# 1489
Delta R.T. -0.01 min
Lab File: BF108253.D
Acq: 17 Aug 2018 19:51

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.0	76.9	115.3
141	58.4	74.4	111.6#

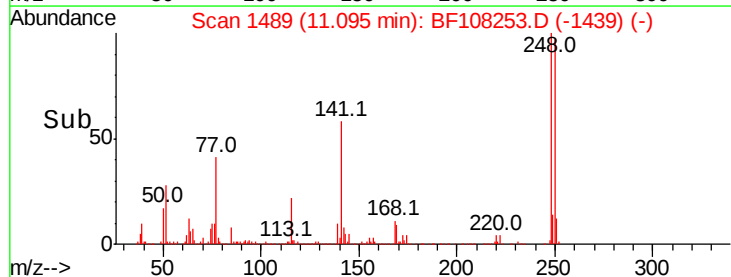
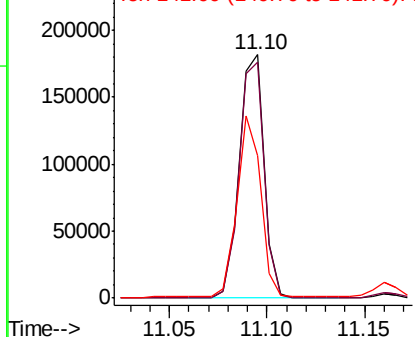


Abundance

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

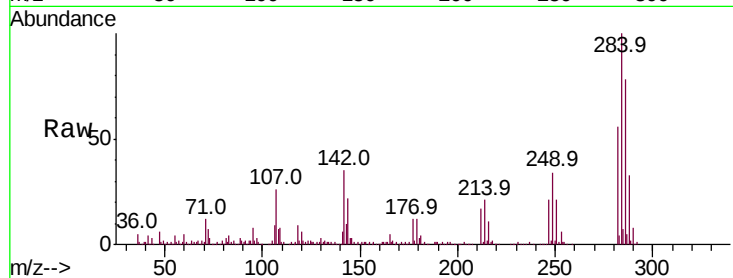




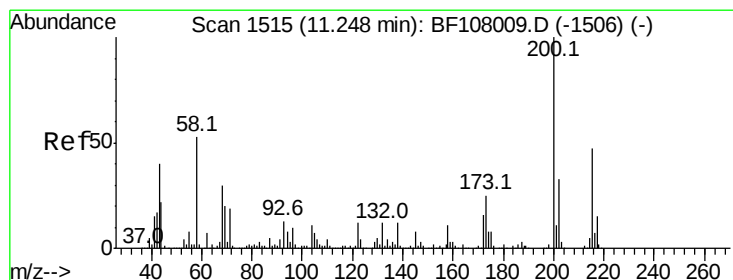
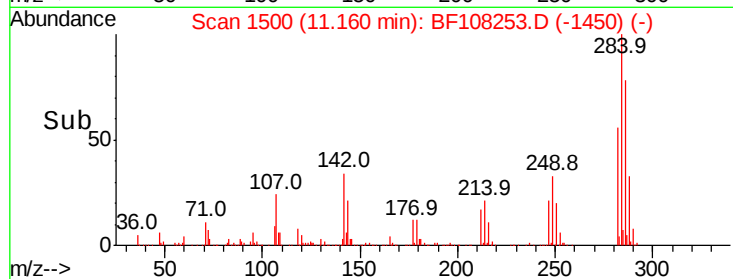
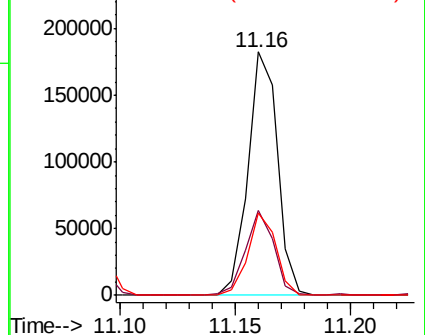
#67
Hexachlorobenzene
Concen: 33.681 ng
RT: 11.16 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BF108253.D
Acq: 17 Aug 2018 19:51

Instrument :
BNA_F
ClientSampleId :
RA-081518-FL-031MS

Tot Ion	Ratio	Lower	Upper
284	100		
142	34.7	34.6	52.0
249	33.6	24.8	37.2

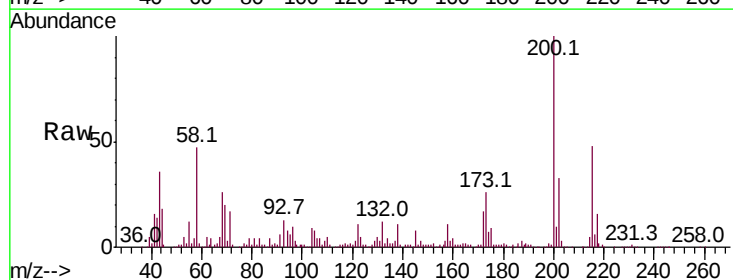


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

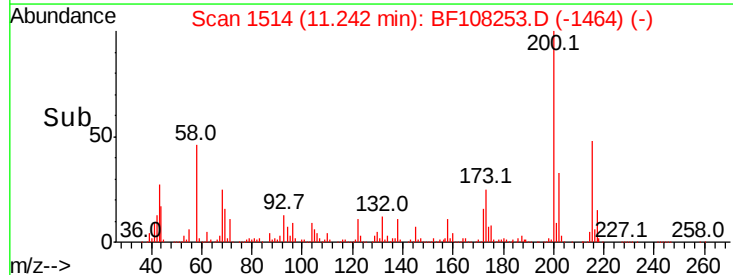
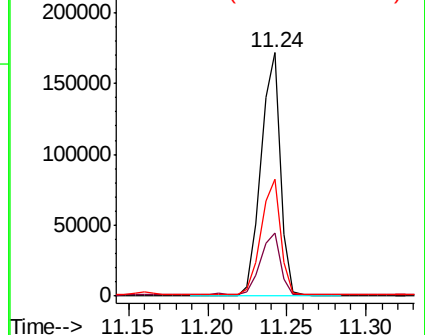


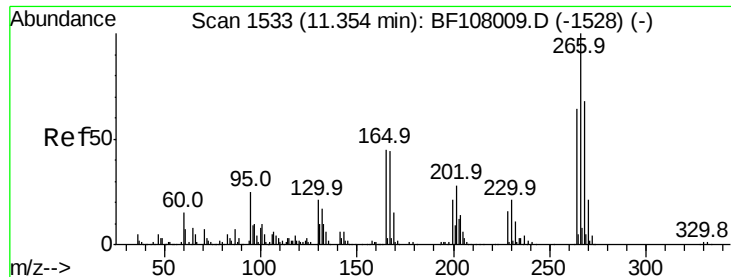
#68
Atrazine
Concen: 35.452 ng
RT: 11.24 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BF108253.D
Acq: 17 Aug 2018 19:51

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.7	8.6	48.6
215	48.2	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

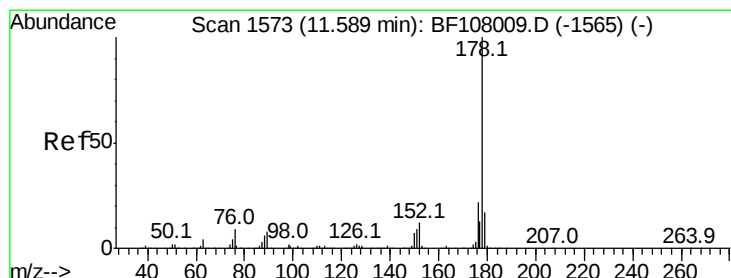
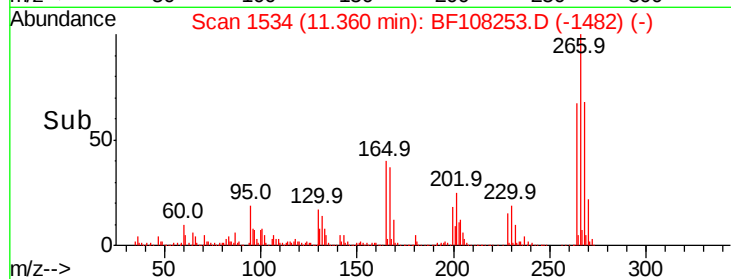
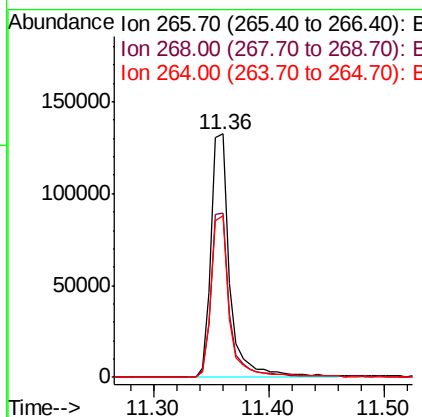
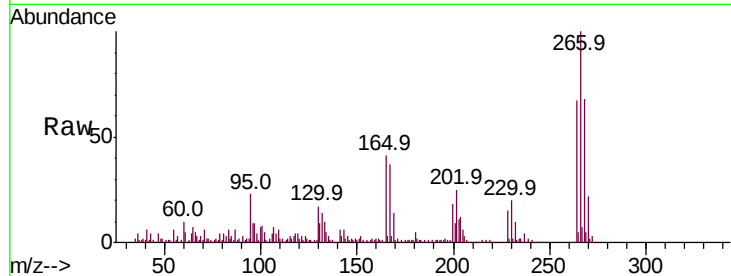




#69
 Pentachlorophenol
 Concen: 65.501 ng
 RT: 11.36 min Scan# 1534
 Delta R.T. 0.01 min
 Lab File: BF108253.D
 Acq: 17 Aug 2018 19:51

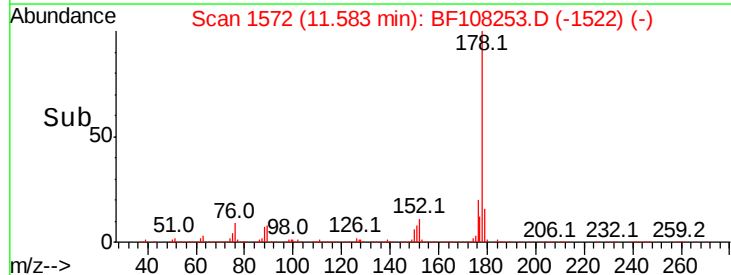
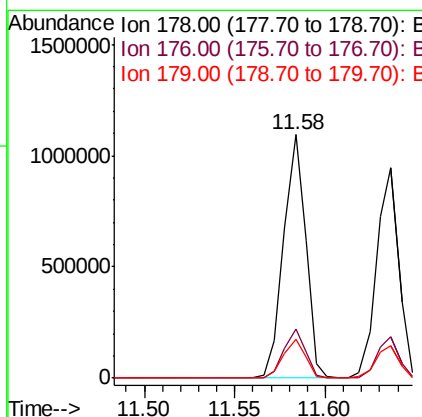
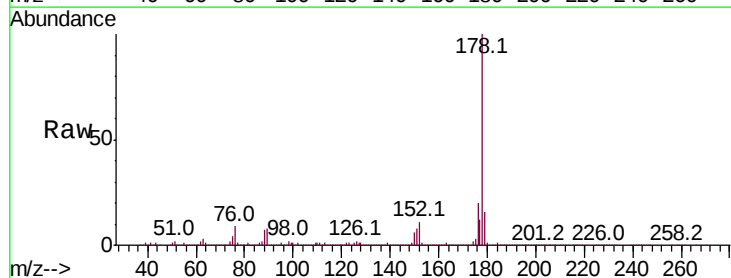
Instrument :
 BNA_F
 ClientSampleId :
 RA-081518-FL-031MS

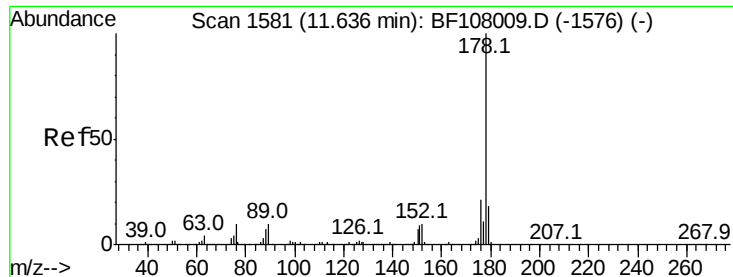
Tot Ion:	266	Resp:	151680
Ion	Ratio	Lower	Upper
266	100		
268	67.7	51.1	76.7
264	66.5	49.5	74.3



#70
 Phenanthrene
 Concen: 46.668 ng
 RT: 11.58 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF108253.D
 Acq: 17 Aug 2018 19:51

Tgt Ion:	178	Resp:	931356
Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.8	23.8
179	15.8	13.0	19.6

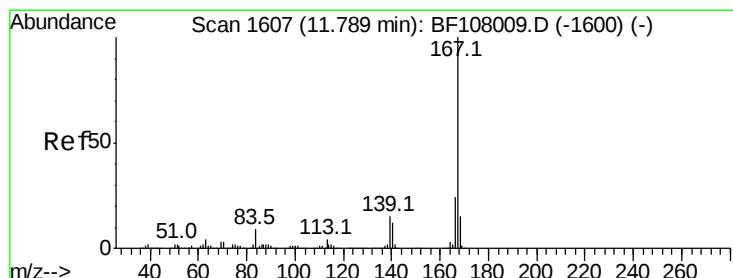
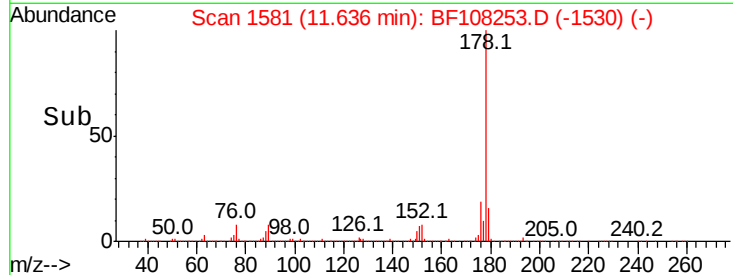
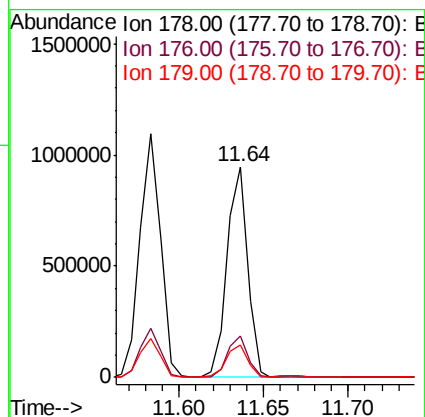
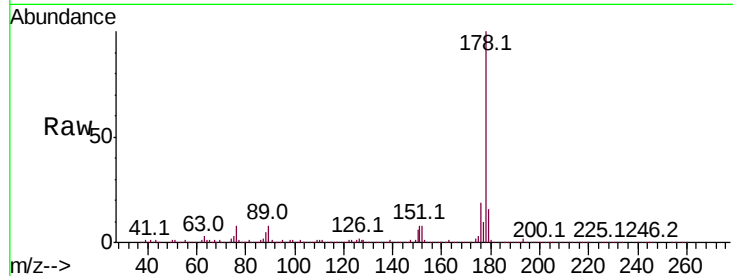




#71
 Anthracene
 Concen: 39.433 ng
 RT: 11.64 min Scan# 1581
 Delta R.T. 0.00 min
 Lab File: BF108253.D
 Acq: 17 Aug 2018 19:51

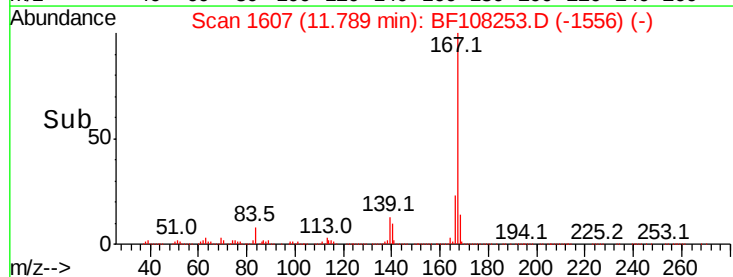
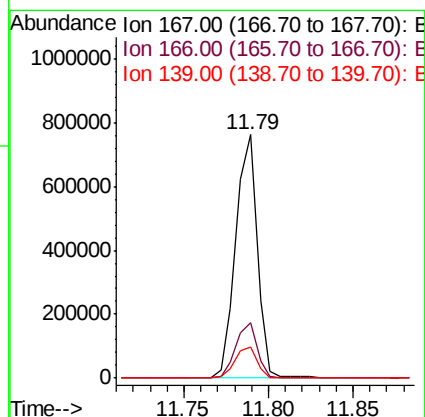
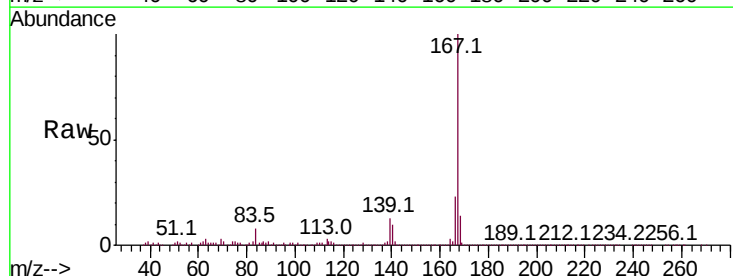
Instrument :
 BNA_F
 ClientSampleId :
 RA-081518-FL-031MS

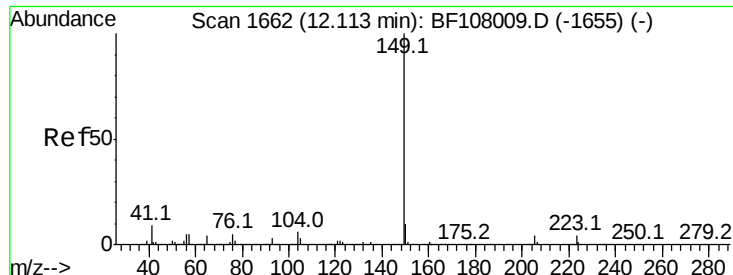
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.6	12.6	19.0



#72
 Carbazole
 Concen: 37.090 ng
 RT: 11.79 min Scan# 1607
 Delta R.T. 0.00 min
 Lab File: BF108253.D
 Acq: 17 Aug 2018 19:51

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.8	17.6	26.4
139	12.8	10.9	16.3

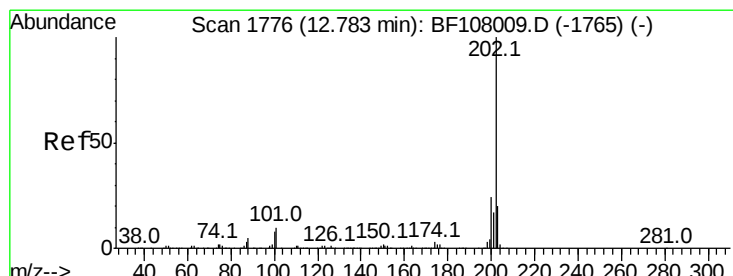
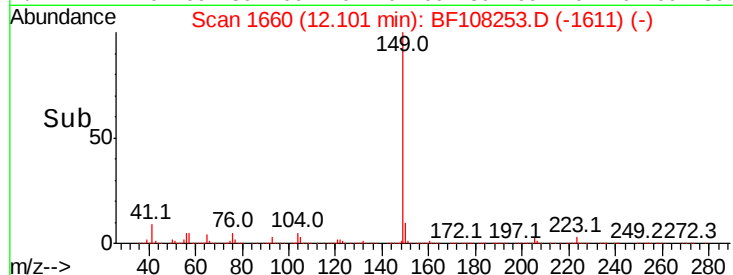
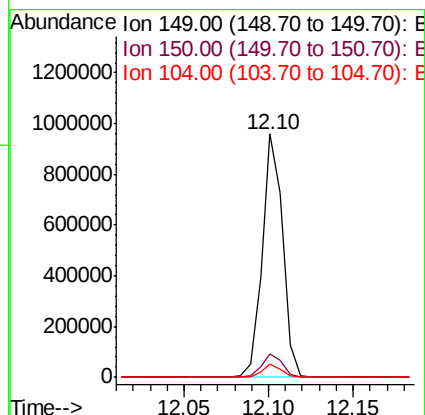
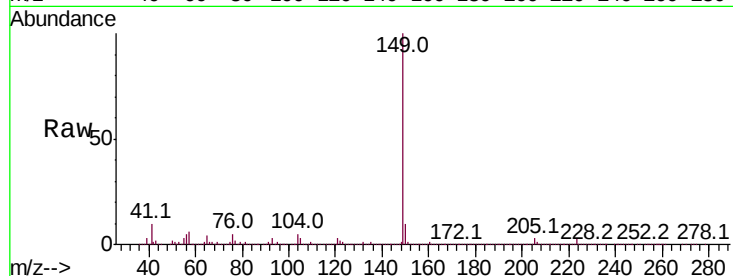




#73
Di-n-butylphthalate
Concen: 38.748 ng
RT: 12.10 min Scan# 1660
Delta R.T. -0.01 min
Lab File: BF108253.D
Acq: 17 Aug 2018 19:51

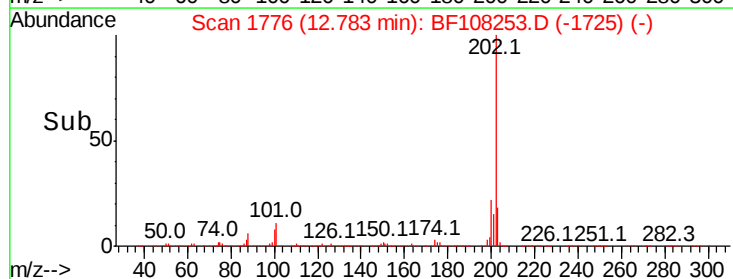
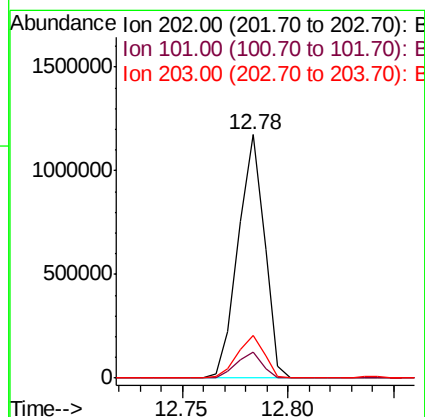
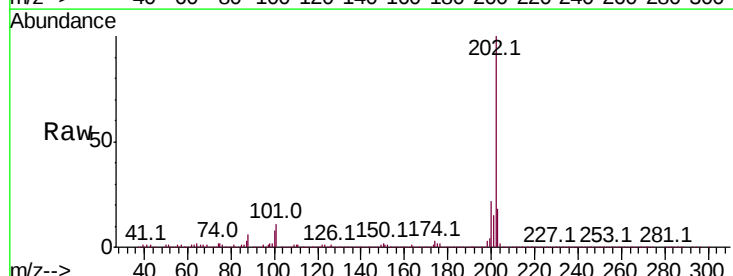
Instrument :
BNA_F
ClientSampleId :
RA-081518-FL-031MS

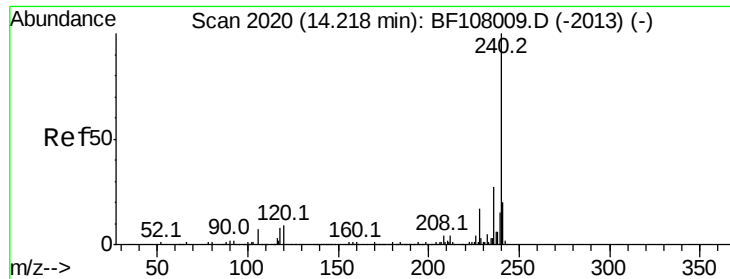
Tot Ion:149 Resp: 797611
Ion Ratio Lower Upper
149 100
150 9.6 7.8 11.6
104 5.3 3.8 5.8



#74
Fluoranthene
Concen: 46.199 ng
RT: 12.78 min Scan# 1776
Delta R.T. 0.00 min
Lab File: BF108253.D
Acq: 17 Aug 2018 19:51

Tgt Ion:202 Resp: 1006242
Ion Ratio Lower Upper
202 100
101 10.5 0.0 34.1
203 17.8 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.21 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF108253.D

Acq: 17 Aug 2018 19:51

Instrument :

BNA_F

ClientSampleId :

RA-081518-FL-031MS

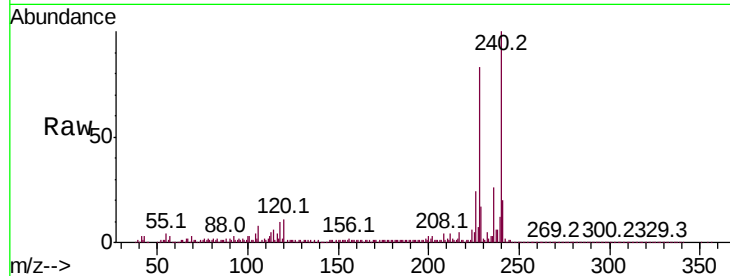
Tot Ion:240 Resp: 399234

Ion Ratio Lower Upper

240 100

120 11.0 9.5 14.3

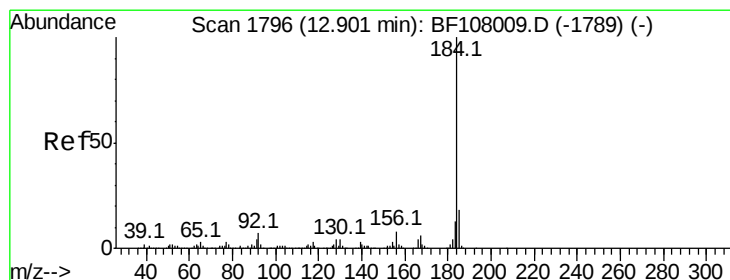
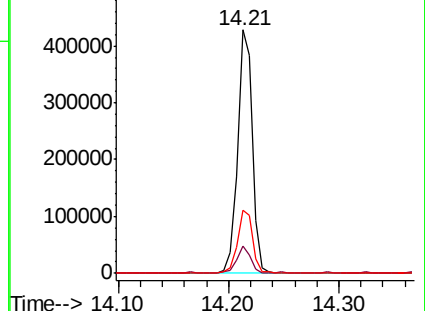
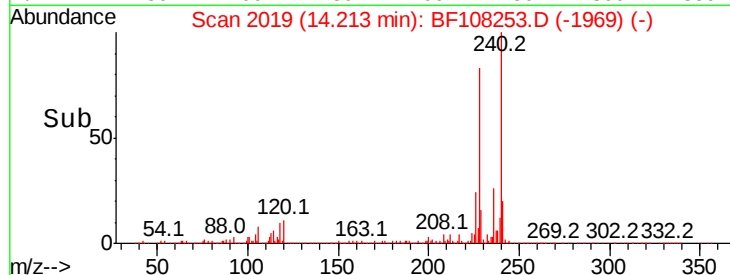
236 26.2 20.7 31.1



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: 10.614 ng

RT: 12.90 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BF108253.D

Acq: 17 Aug 2018 19:51

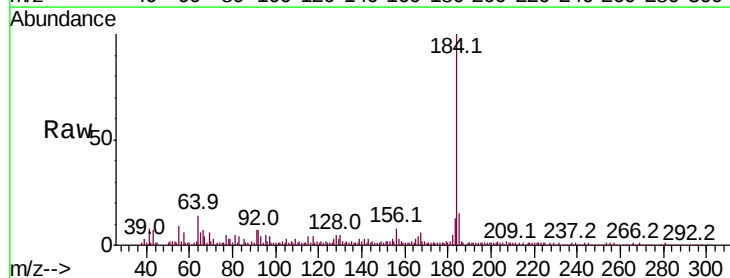
Tgt Ion:184 Resp: 158323

Ion Ratio Lower Upper

184 100

185 15.5 12.6 18.8

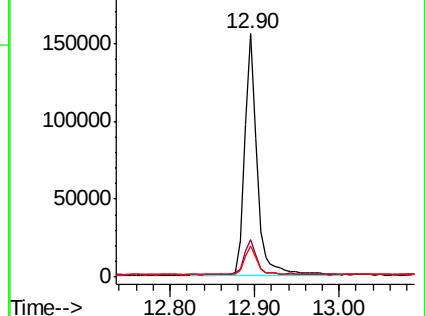
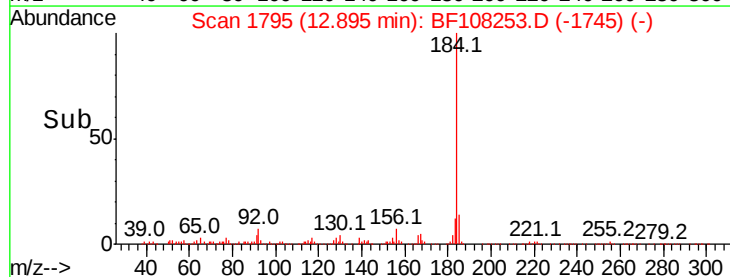
183 12.6 9.3 13.9

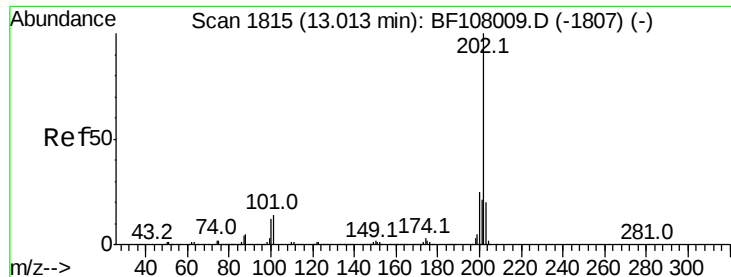


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 38.743 ng

RT: 13.01 min Scan# 1815

Delta R.T. 0.00 min

Lab File: BF108253.D

Acq: 17 Aug 2018 19:51

Instrument :

BNA_F

ClientSampleId :

RA-081518-FL-031MS

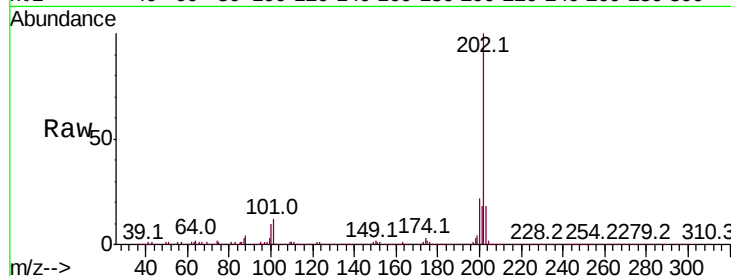
Tot Ion:202 Resp: 979265

Ion Ratio Lower Upper

202 100

200 21.6 17.4 26.2

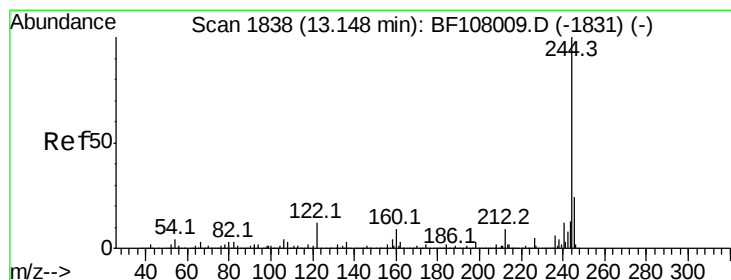
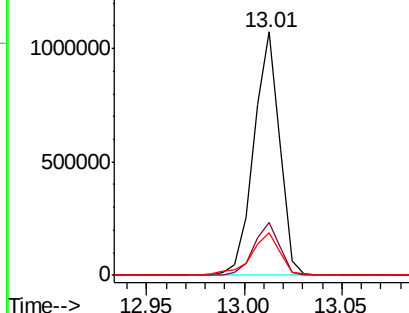
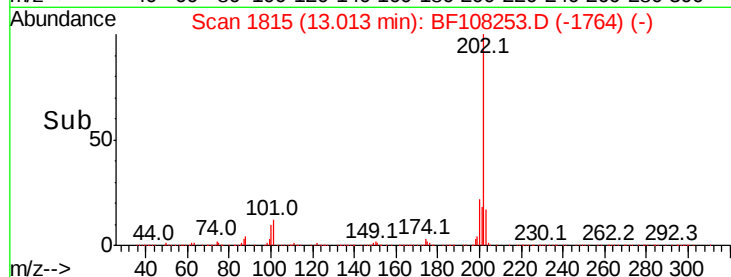
203 17.7 14.3 21.5



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: 69.195 ng

RT: 13.14 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BF108253.D

Acq: 17 Aug 2018 19:51

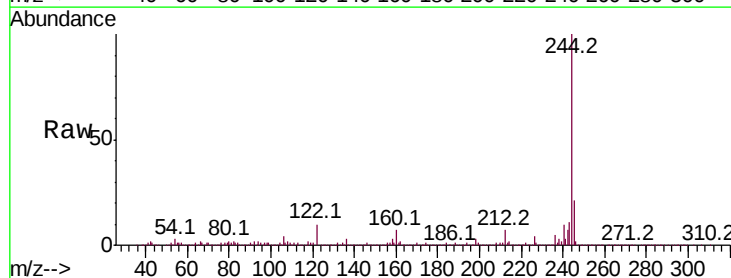
Tgt Ion:244 Resp: 1086502

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

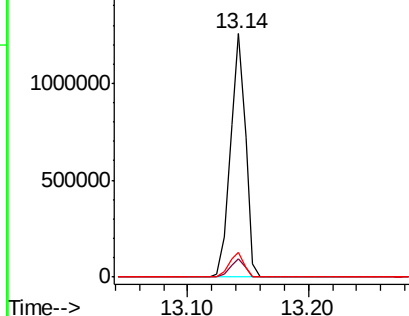
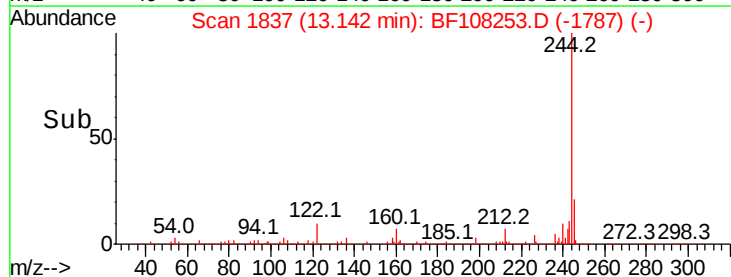
122 10.0 11.0 16.4#

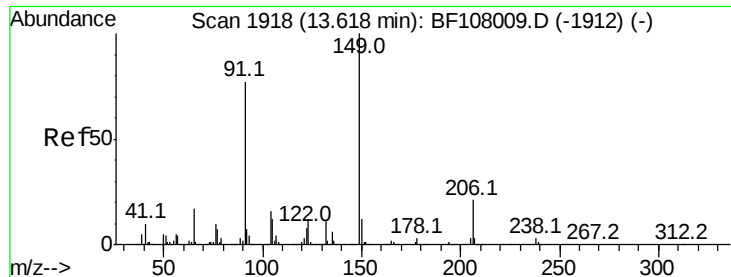


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

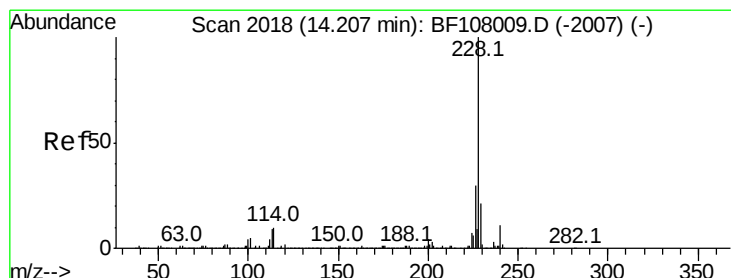
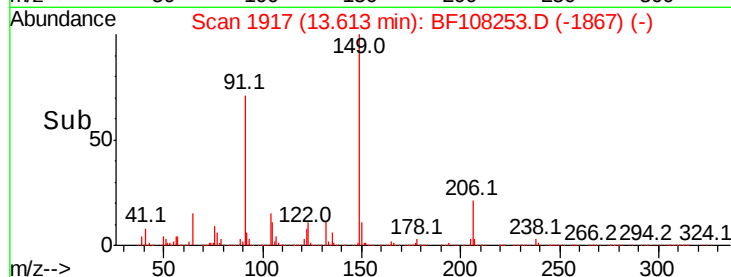
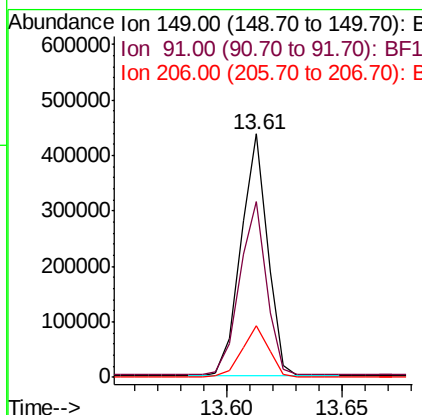
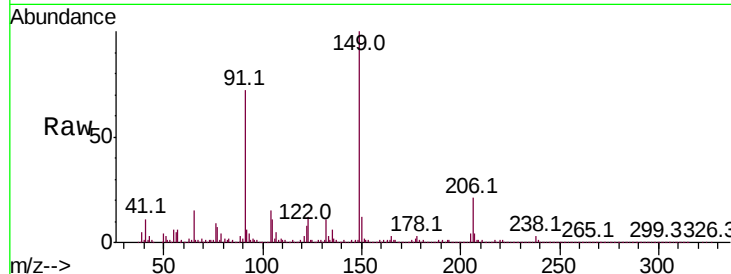




#79
Butylbenzylphthalate
Concen: 34.942 ng
RT: 13.61 min Scan# 1917
Delta R.T. -0.01 min
Lab File: BF108253.D
Acq: 17 Aug 2018 19:51

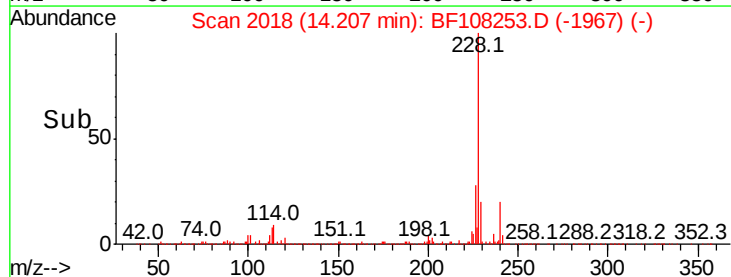
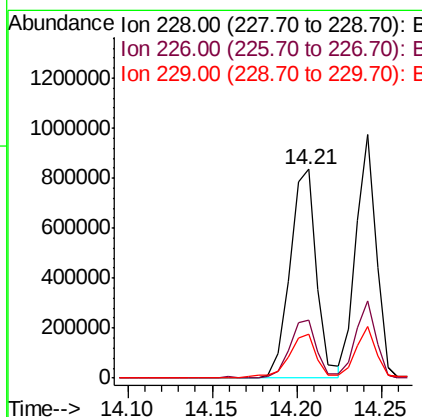
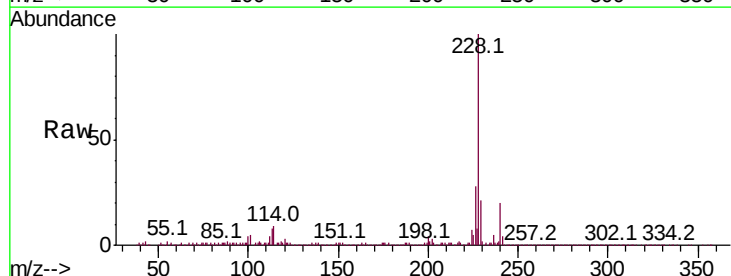
Instrument :
BNA_F
ClientSampleId :
RA-081518-FL-031MS

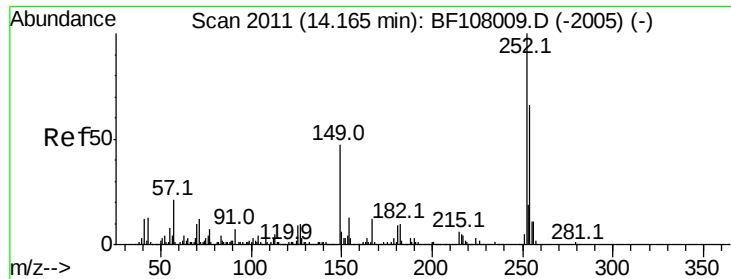
Tot Ion	Ratio	Lower	Upper
149	100		
91	72.1	56.8	85.2
206	20.9	14.1	21.1



#80
Benzo(a)anthracene
Concen: 39.577 ng
RT: 14.21 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BF108253.D
Acq: 17 Aug 2018 19:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	33.8
229	20.8	15.8	23.6

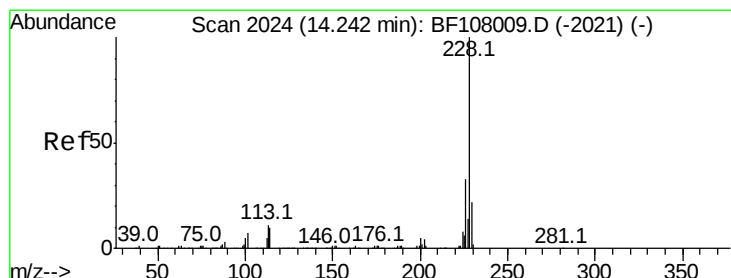
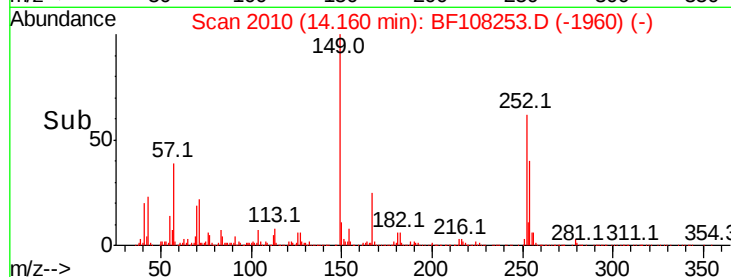
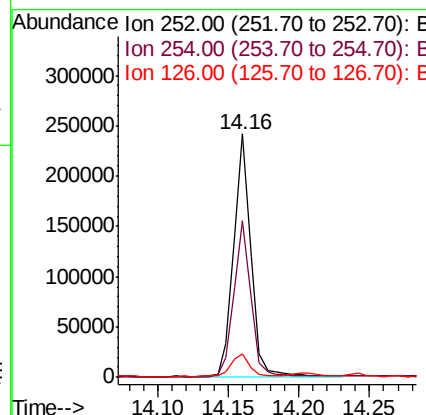
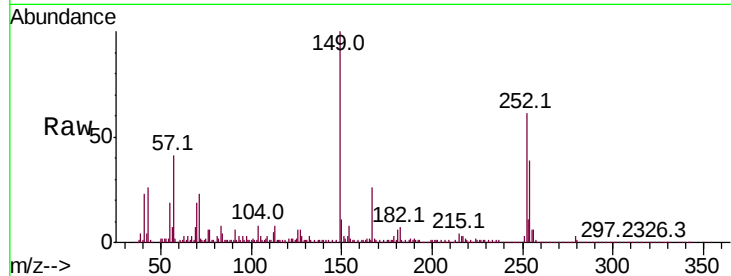




#81
 3,3'-Dichlorobenzidine
 Concen: 25.020 ng
 RT: 14.16 min Scan# 2010
 Delta R.T. -0.01 min
 Lab File: BF108253.D
 Acq: 17 Aug 2018 19:51

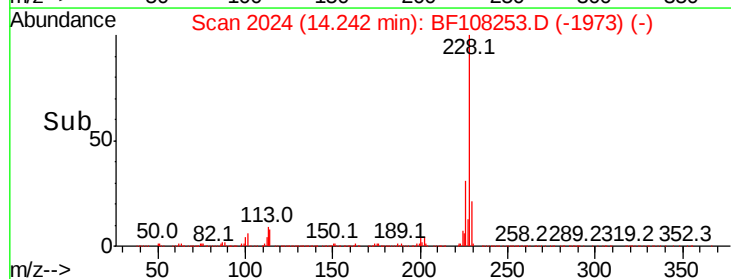
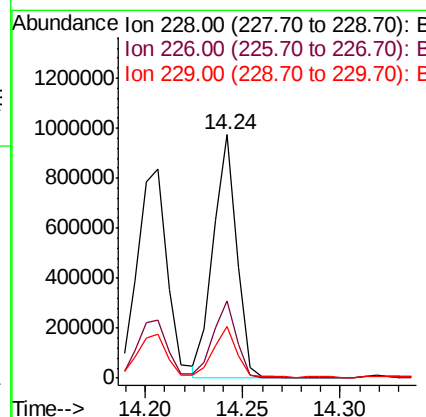
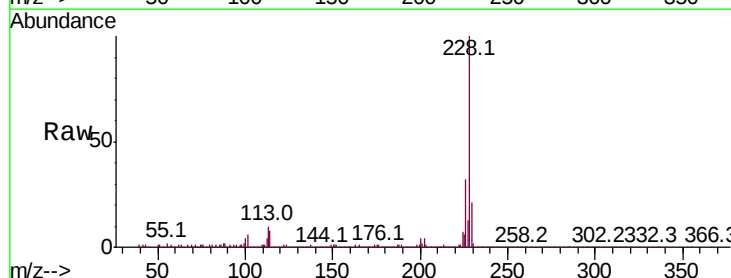
Instrument :
 BNA_F
 ClientSampleId :
 RA-081518-FL-031MS

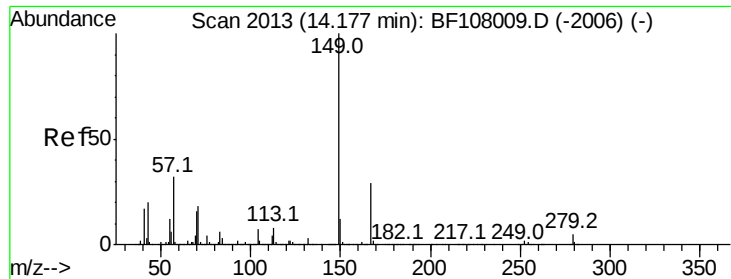
Tot Ion:252 Resp: 205438
 Ion Ratio Lower Upper
 252 100
 254 64.3 50.4 75.6
 126 9.9 11.3 16.9#



#82
 Chrysene
 Concen: 38.477 ng
 RT: 14.24 min Scan# 2024
 Delta R.T. 0.00 min
 Lab File: BF108253.D
 Acq: 17 Aug 2018 19:51

Tgt Ion:228 Resp: 808224
 Ion Ratio Lower Upper
 228 100
 226 31.6 25.0 37.6
 229 21.2 16.2 24.4

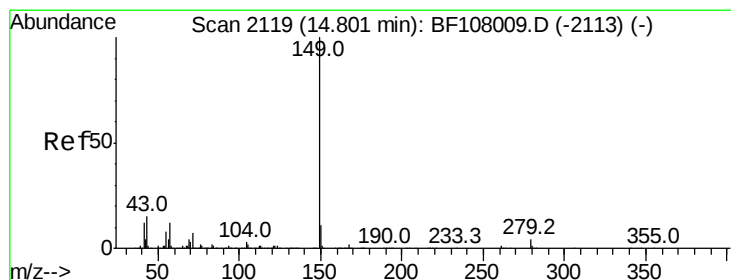
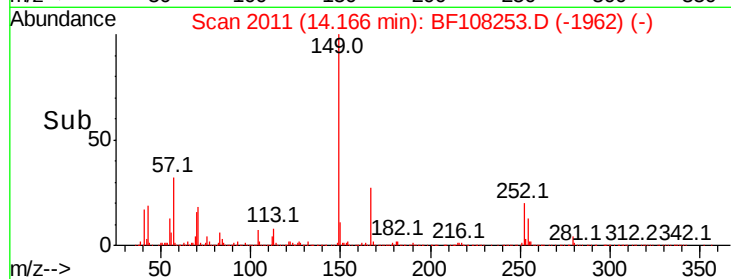
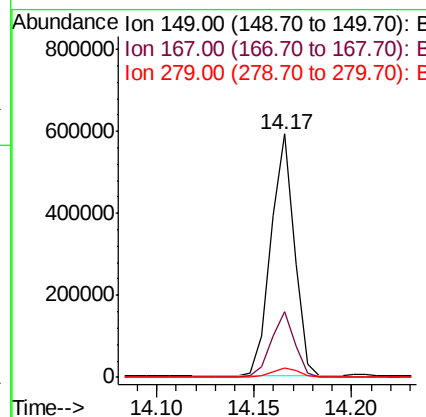
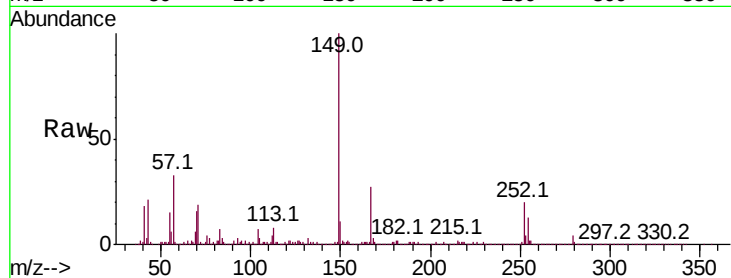




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.295 ng
 RT: 14.17 min Scan# 2011
 Delta R.T. -0.01 min
 Lab File: BF108253.D
 Acq: 17 Aug 2018 19:51

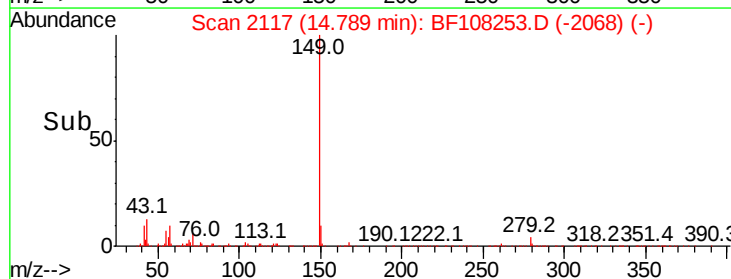
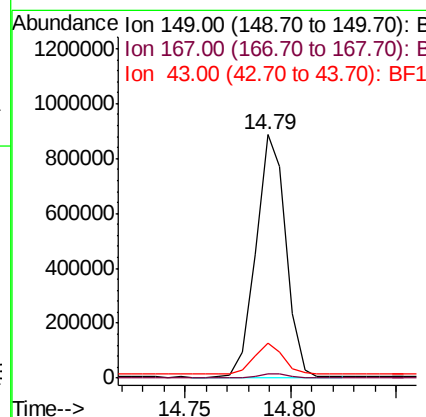
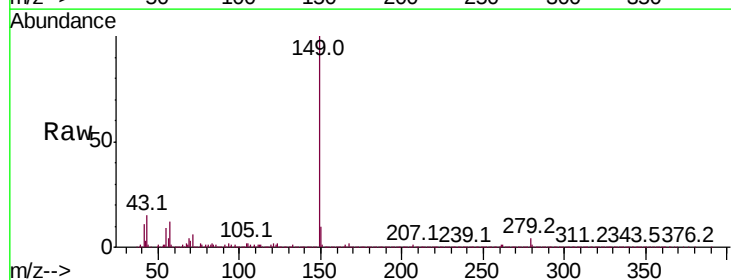
Instrument :
 BNA_F
 ClientSampleId :
 RA-081518-FL-031MS

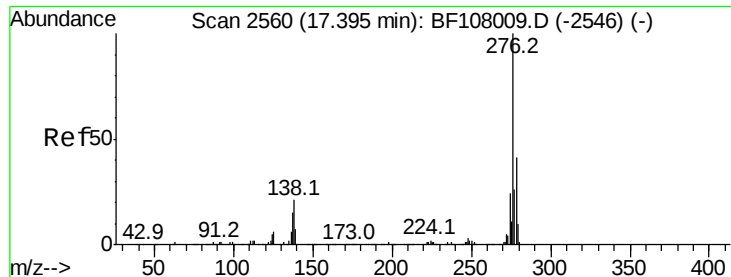
Tot Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.3	31.9
279	4.1	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 41.838 ng
 RT: 14.79 min Scan# 2117
 Delta R.T. -0.01 min
 Lab File: BF108253.D
 Acq: 17 Aug 2018 19:51

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	12.1	8.4	12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 25.652 ng

RT: 17.40 min Scan# 2561

Delta R.T. 0.01 min

Lab File: BF108253.D

Acq: 17 Aug 2018 19:51

Instrument :

BNA_F

ClientSampleId :

RA-081518-FL-031MS

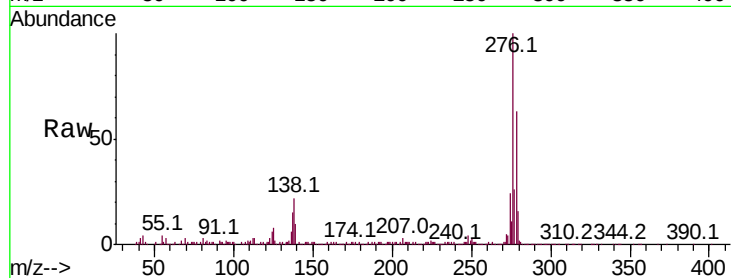
Tot Ion:276 Resp: 466883

Ion Ratio Lower Upper

276 100

138 22.3 25.0 37.6#

277 25.0 20.1 30.1

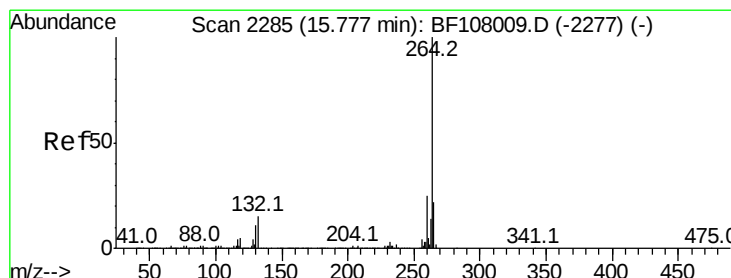
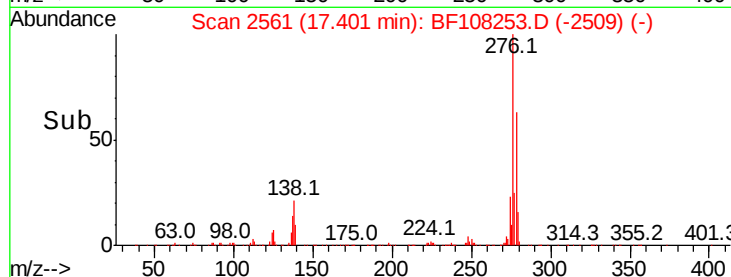
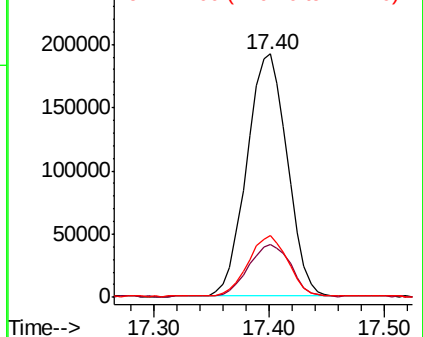


Abundance

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: 15.78 min Scan# 2285

Delta R.T. 0.00 min

Lab File: BF108253.D

Acq: 17 Aug 2018 19:51

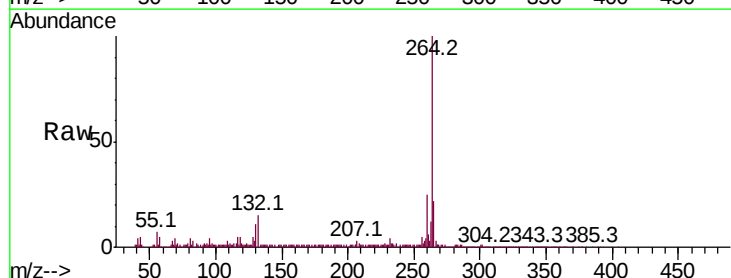
Tgt Ion:264 Resp: 294814

Ion Ratio Lower Upper

264 100

260 25.1 19.2 28.8

265 22.3 17.5 26.3

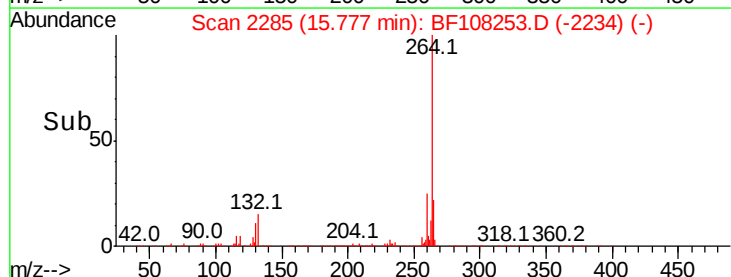
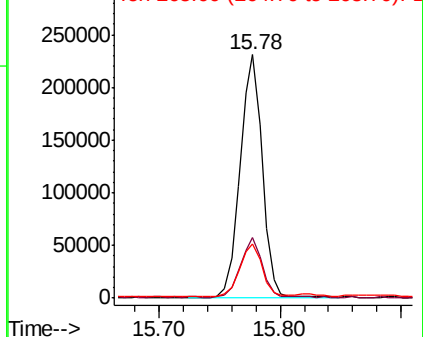


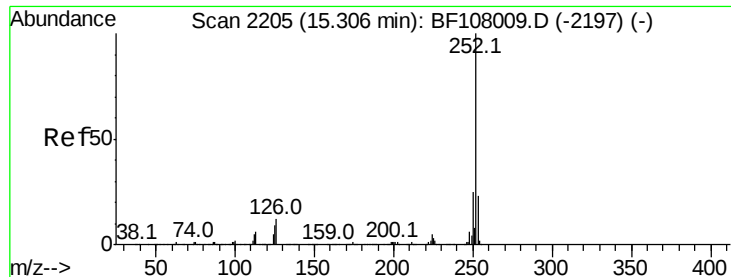
Abundance

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: 44.195 ng

RT: 15.31 min Scan# 2205

Delta R.T. 0.00 min

Lab File: BF108253.D

Acq: 17 Aug 2018 19:51

Instrument :

BNA_F

ClientSampleId :

RA-081518-FL-031MS

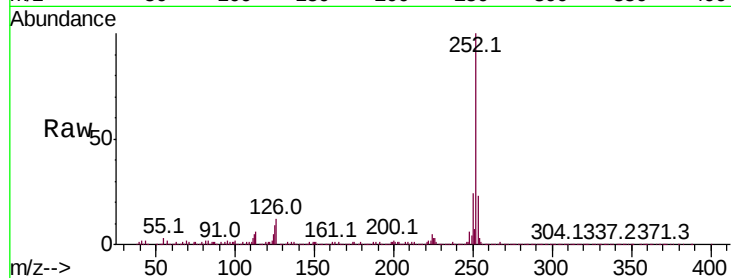
Tot Ion:252 Resp: 778560

Ion Ratio Lower Upper

252 100

253 22.9 17.0 25.6

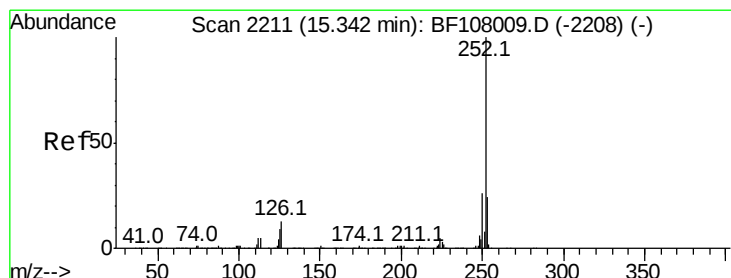
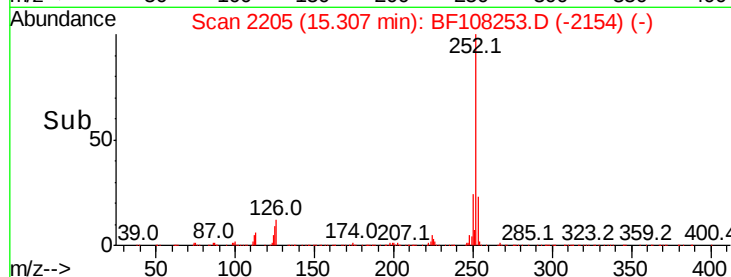
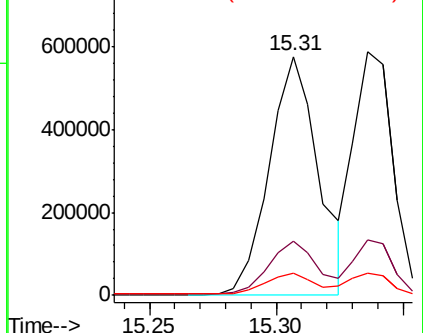
125 9.2 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 39.074 ng

RT: 15.34 min Scan# 2210

Delta R.T. -0.01 min

Lab File: BF108253.D

Acq: 17 Aug 2018 19:51

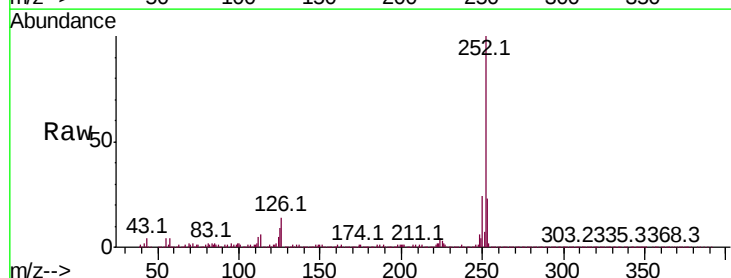
Tgt Ion:252 Resp: 632749

Ion Ratio Lower Upper

252 100

253 22.8 17.9 26.9

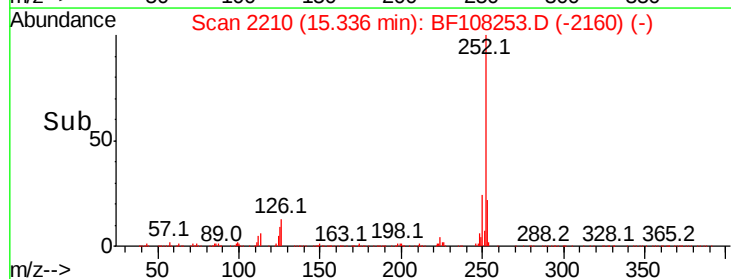
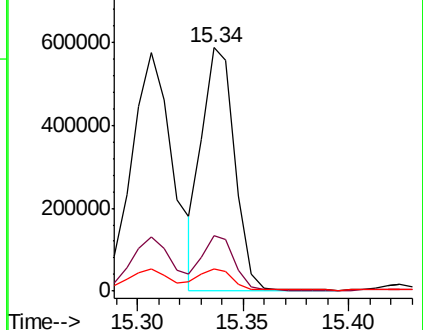
125 9.3 10.2 15.2#

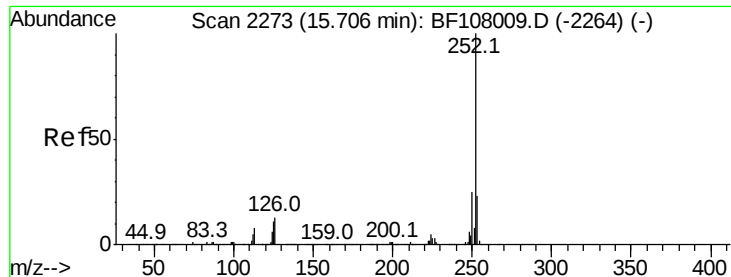


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 38.403 ng

RT: 15.71 min Scan# 2274

Delta R.T. 0.01 min

Lab File: BF108253.D

Acq: 17 Aug 2018 19:51

Instrument :

BNA_F

ClientSampleId :

RA-081518-FL-031MS

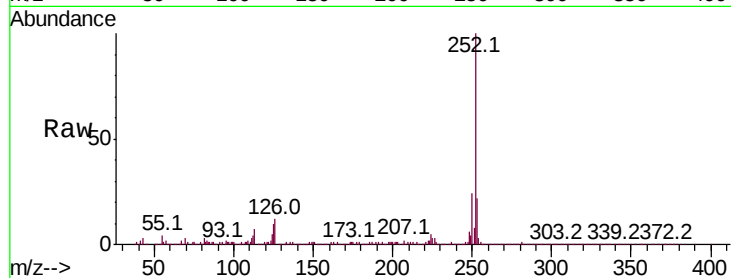
Tot Ion:252 Resp: 605801

Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

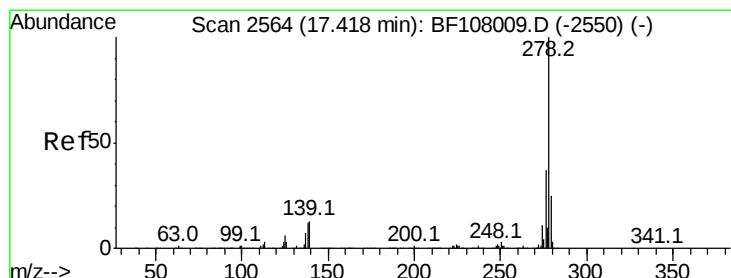
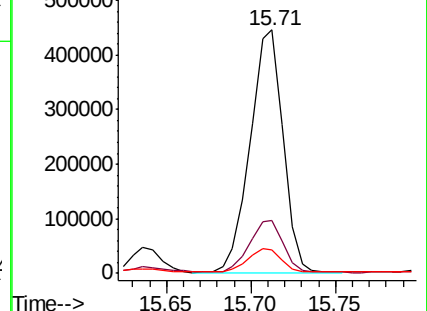
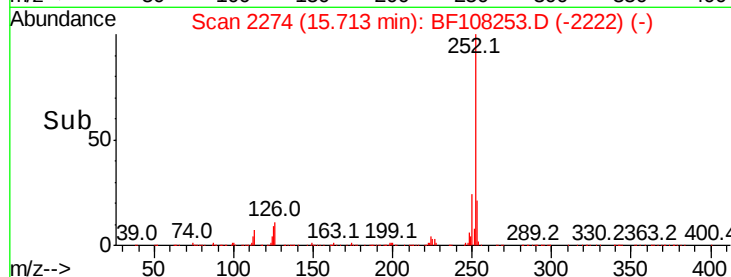
125 9.6 9.8 14.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 28.726 ng

RT: 17.41 min Scan# 2563

Delta R.T. -0.01 min

Lab File: BF108253.D

Acq: 17 Aug 2018 19:51

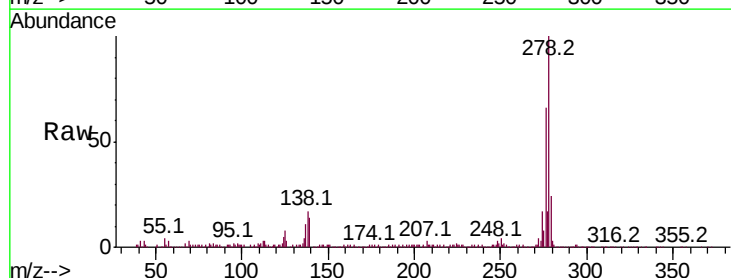
Tgt Ion:278 Resp: 374938

Ion Ratio Lower Upper

278 100

139 14.4 15.9 23.9#

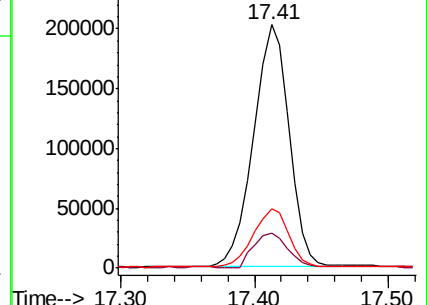
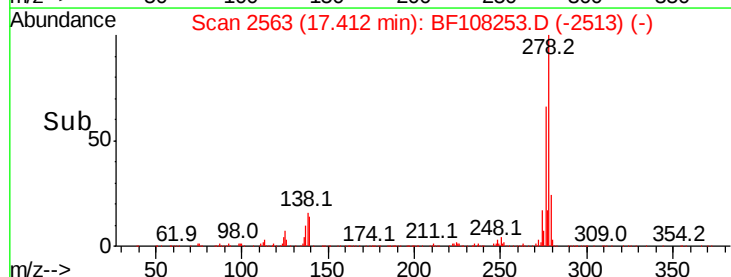
279 24.1 19.0 28.4

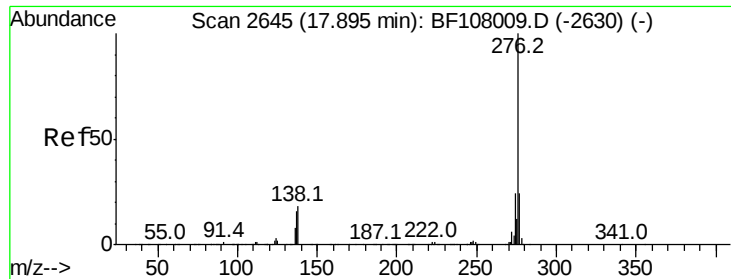


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 30.492 ng
 RT: 17.89 min Scan# 2645
 Delta R.T. 0.00 min
 Lab File: BF108253.D
 Acq: 17 Aug 2018 19:51

Instrument :
 BNA_F
 ClientSampleId :
 RA-081518-FL-031MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.4	17.9	26.9
138	18.3	21.8	32.8

