

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081518\
 Data File : BF108167.D
 Acq On : 15 Aug 2018 16:01
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 15 16:30:28 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	264509	20.00	ng	0.00
21) Naphthalene-d8	8.31	136	1026386	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	518163	20.00	ng	0.00
63) Phenanthrene-d10	11.57	188	1011463	20.00	ng	0.00
75) Chrysene-d12	14.23	240	729880	20.00	ng	0.01
86) Perylene-d12	15.79	264	545237	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.65	112	1165055	79.74	ng	0.02
7) Phenol-d6	6.65	99	1548311	79.75	ng	0.02
23) Nitrobenzene-d5	7.59	82	1521874	82.74	ng	0.01
41) 2,4,6-Tribromophenol	10.87	330	453610	87.76	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	2569181	79.60	ng	0.00
78) Terphenyl-d14	13.15	244	2465213	85.88	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.93	88	280091	37.310	ng	89
3) Pyridine	3.70	79	731307	37.816	ng	84
4) n-Nitrosodimethylamine	3.68	42	407207	37.421	ng	# 83
6) Aniline	6.69	93	1079695	40.885	ng	96
8) 2-Chlorophenol	6.81	128	671492	40.808	ng	99
9) Benzaldehyde	6.58	77	562926	37.397	ng	98
10) Phenol	6.66	94	800912	39.881	ng	89
11) bis(2-Chloroethyl)ether	6.75	93	653784	40.268	ng	91
12) 1,3-Dichlorobenzene	6.97	146	762393	40.071	ng	99
13) 1,4-Dichlorobenzene	7.04	146	765014	40.020	ng	97
14) 1,2-Dichlorobenzene	7.20	146	700436	39.392	ng	97
15) Benzyl Alcohol	7.16	79	648929	39.704	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.29	45	1279542	38.256	ng	98
17) 2-Methylphenol	7.27	107	567647	40.227	ng	95
18) Hexachloroethane	7.53	117	283555	41.665	ng	99
19) n-Nitroso-di-n-propylamine	7.44	70	505667	38.515	ng	91
20) 3+4-Methylphenols	7.42	107	699366	38.675	ng	89
22) Acetophenone	7.43	105	935503	38.980	ng	# 92
24) Nitrobenzene	7.61	77	758567	40.784	ng	94
25) Isophorone	7.84	82	1409623	40.207	ng	97
26) 2-Nitrophenol	7.92	139	338796	48.233	ng	90
27) 2,4-Dimethylphenol	7.95	122	625312	40.187	ng	97
28) bis(2-Chloroethoxy)methane	8.04	93	832403	40.671	ng	98
29) 2,4-Dichlorophenol	8.16	162	597970	41.759	ng	98
30) 1,2,4-Trichlorobenzene	8.24	180	637876	40.403	ng	99
31) Naphthalene	8.33	128	1854870	39.738	ng	97
32) Benzoic acid	8.07	122	322772	37.272	ng	92
33) 4-Chloroaniline	8.37	127	817384	40.182	ng	96
34) Hexachlorobutadiene	8.44	225	411652	41.188	ng	99
35) Caprolactam	8.76	113	184897	41.204	ng	# 77
36) 4-Chloro-3-methylphenol	8.85	107	621693	40.245	ng	97
37) 2-Methylnaphthalene	9.02	142	1308725	39.628	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	667795	41.967	ng	98
40) Hexachlorocyclopentadiene	9.17	237	418017	40.671	ng	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.30	196	443786	44.943	ng	97
43) 2,4,5-Trichlorophenol	9.34	196	466874	42.951	ng	95
45) 1,1'-Biphenyl	9.48	154	1563325	40.920	ng	99
46) 2-Chloronaphthalene	9.51	162	1242287	41.142	ng	99
47) 2-Nitroaniline	9.61	65	427235	43.729	ng	86
48) Acenaphthylene	9.94	152	1920667	40.235	ng	97
49) Dimethylphthalate	9.78	163	1460696	40.469	ng	# 98
50) 2,6-Dinitrotoluene	9.85	165	327302	43.342	ng	# 87
51) Acenaphthene	10.11	154	1190548	40.719	ng	99
52) 3-Nitroaniline	10.02	138	341436	41.324	ng	94
53) 2,4-Dinitrophenol	10.12	184	123524	46.893	ng	# 21
54) Dibenzofuran	10.28	168	1676358	39.574	ng	95
55) 4-Nitrophenol	10.17	139	269074	43.005	ng	84
56) 2,4-Dinitrotoluene	10.26	165	435569	44.810	ng	# 95
57) Fluorene	10.62	166	1336873	39.868	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.40	232	397426	43.744	ng	# 87
59) Diethylphthalate	10.48	149	1390924	39.796	ng	# 94
60) 4-Chlorophenyl-phenylether	10.61	204	693079	39.666	ng	93
61) 4-Nitroaniline	10.64	138	353174	43.234	ng	92
62) Azobenzene	10.77	77	1411293	39.099	ng	92
64) 4,6-Dinitro-2-methylphenol	10.67	198	172137	45.628	ng	77
65) n-Nitrosodiphenylamine	10.73	169	1222284	40.893	ng	97
66) 4-Bromophenyl-phenylether	11.10	248	452478	41.165	ng	# 88
67) Hexachlorobenzene	11.17	284	473547	40.946	ng	# 87
68) Atrazine	11.25	200	413709	41.267	ng	95
69) Pentachlorophenol	11.37	266	233168	42.121	ng	97
70) Phenanthrene	11.60	178	1885756	39.528	ng	97
71) Anthracene	11.65	178	1941771	39.712	ng	97
72) Carbazole	11.80	167	1734725	39.931	ng	98
73) Di-n-butylphthalate	12.11	149	2043812	41.535	ng	98
74) Fluoranthene	12.79	202	2059996	39.565	ng	95
76) Benzidine	12.90	184	1160338	42.550	ng	98
77) Pyrene	13.02	202	2021568	43.748	ng	96
79) Butylbenzylphthalate	13.62	149	872583	47.555	ng	# 97
80) Benzo(a)anthracene	14.22	228	1733682	41.389	ng	97
81) 3,3'-Dichlorobenzidine	14.18	252	594742	39.619	ng	# 96
82) Chrysene	14.26	228	1542561	40.168	ng	97
83) Bis(2-ethylhexyl)phthalate	14.18	149	1073741	43.213	ng	98
84) Di-n-octyl phthalate	14.81	149	1691844	44.645	ng	96
85) Indeno(1,2,3-cd)pyrene	17.43	276	1246468	37.461	ng	# 91
87) Benzo(b)fluoranthene	15.32	252	1328382	40.773	ng	# 96
88) Benzo(k)fluoranthene	15.36	252	1278636	42.694	ng	# 96
89) Benzo(a)pyrene	15.73	252	1219345	41.795	ng	# 96
90) Dibenzo(a,h)anthracene	17.44	278	1035889	42.913	ng	# 93
91) Benzo(g,h,i)perylene	17.93	276	1043997	43.922	ng	# 89

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

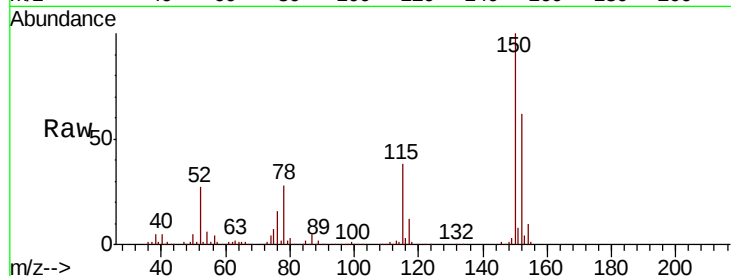


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108167.D
Acq: 15 Aug 2018 16:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.1	124.6	186.8
115	61.8	50.1	75.1

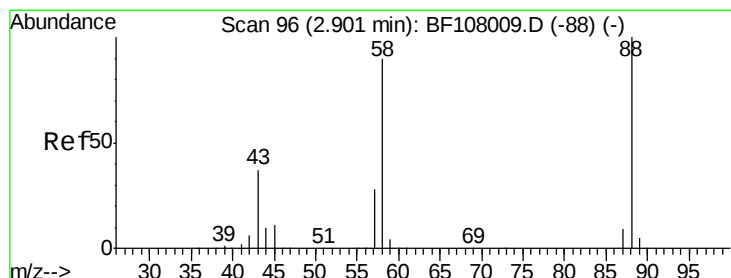
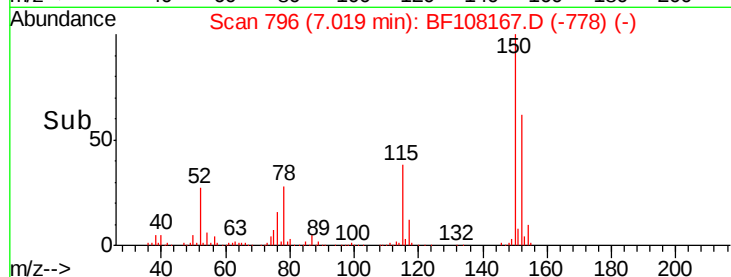
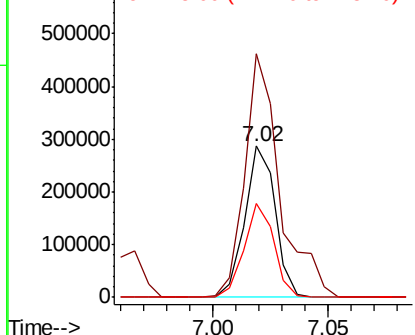


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

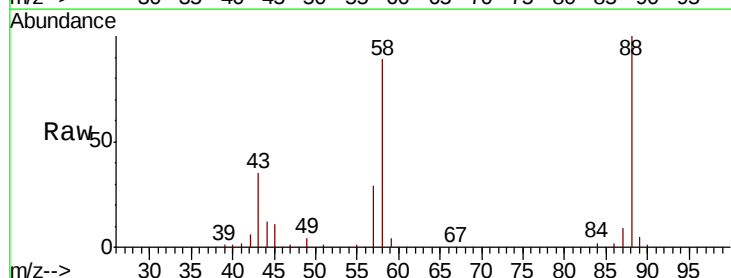
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.310 ng
RT: 2.93 min Scan# 100
Delta R.T. 0.02 min
Lab File: BF108167.D
Acq: 15 Aug 2018 16:01

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.4	62.6	93.8
43	35.4	24.6	37.0

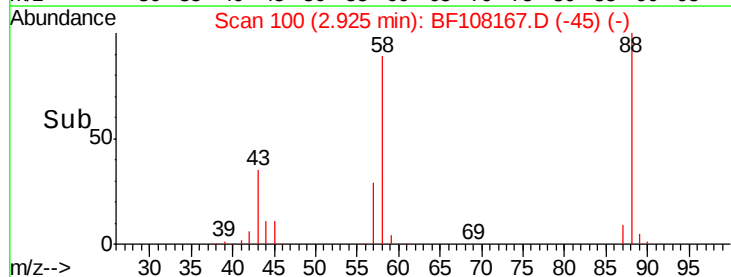
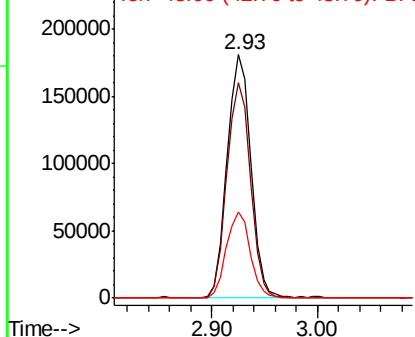


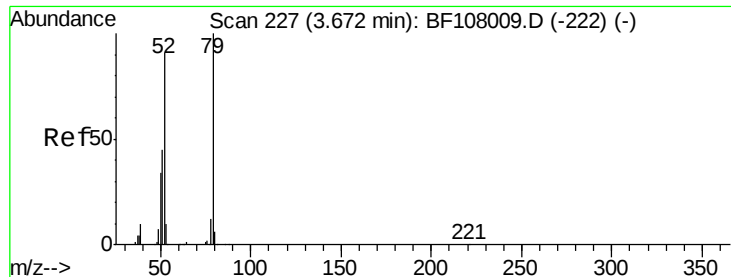
Abundance

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

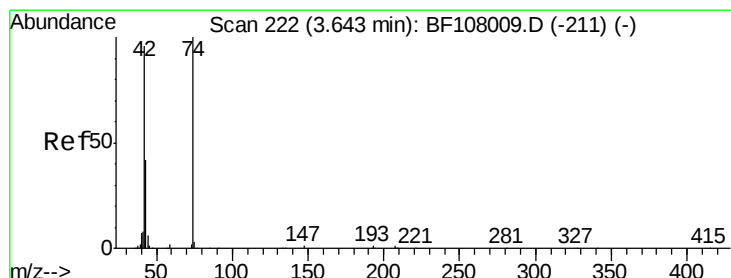
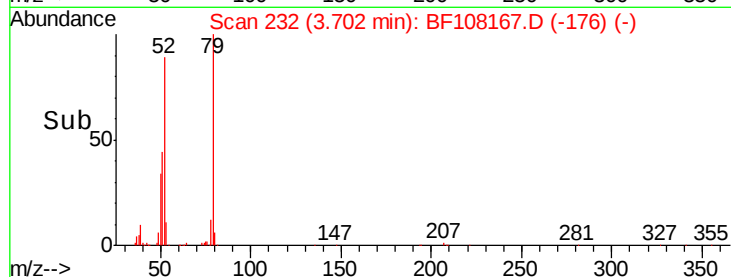
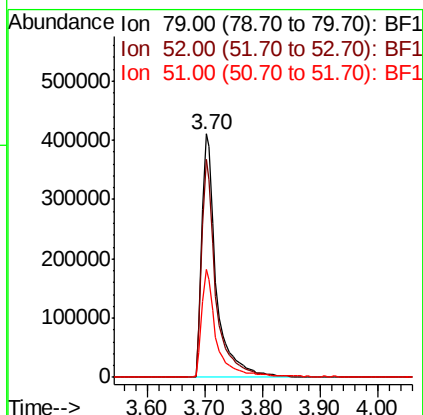
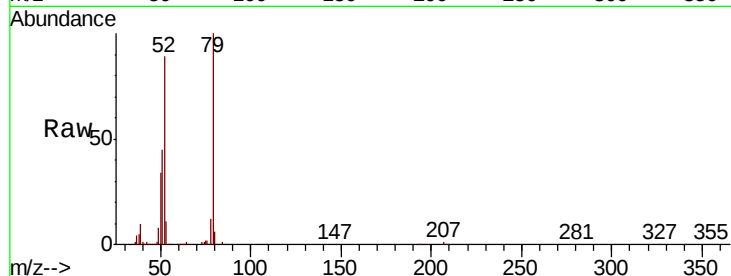




#3
 Pvridine
 Concen: 37.816 ng
 RT: 3.70 min Scan# 232
 Delta R.T. 0.03 min
 Lab File: BF108167.D
 Acq: 15 Aug 2018 16:01

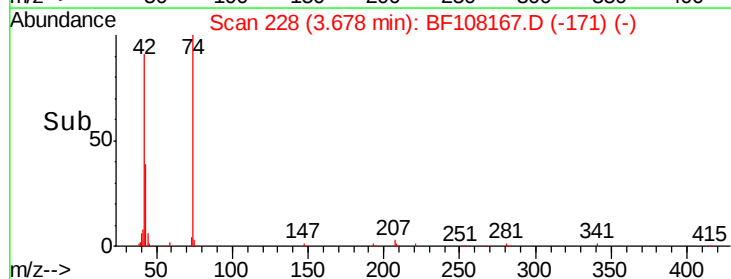
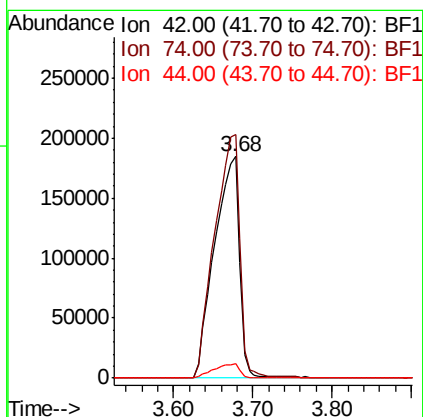
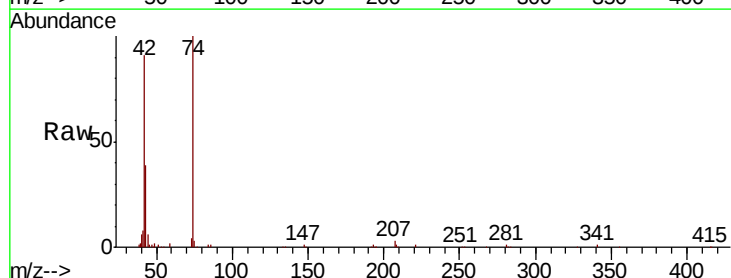
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 79 Resp: 731307
 Ion Ratio Lower Upper
 79 100
 52 89.5 59.8 89.6
 51 44.6 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 37.421 ng
 RT: 3.68 min Scan# 228
 Delta R.T. 0.04 min
 Lab File: BF108167.D
 Acq: 15 Aug 2018 16:01

Tgt Ion: 42 Resp: 407207
 Ion Ratio Lower Upper
 42 100
 74 110.0 104.9 157.3
 44 6.6 6.9 10.3#





#5

2-Fluorophenol

Concen: 79.743 ng

RT: 5.65 min Scan# 563

Delta R.T. 0.02 min

Lab File: BF108167.D

Acq: 15 Aug 2018 16:01

Instrument :

BNA_F

ClientSampleId :

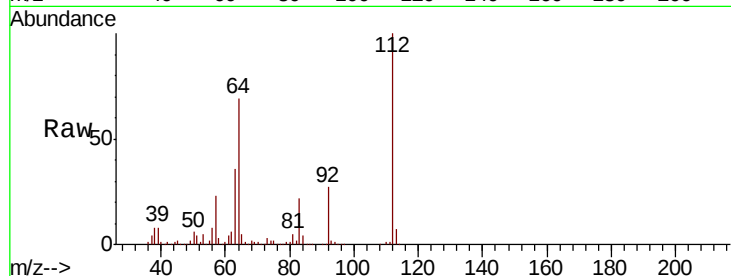
Tot Ion:112 Resp: 1165055

Ion Ratio Lower Upper

112 100

64 69.0 47.9 71.9

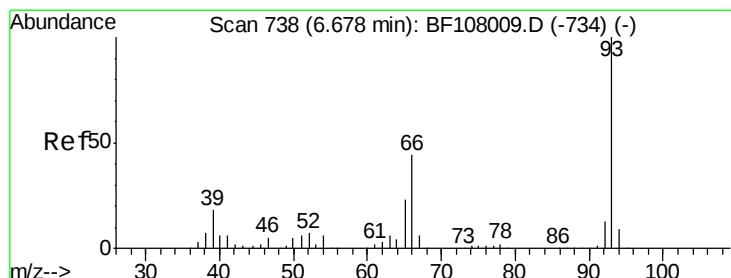
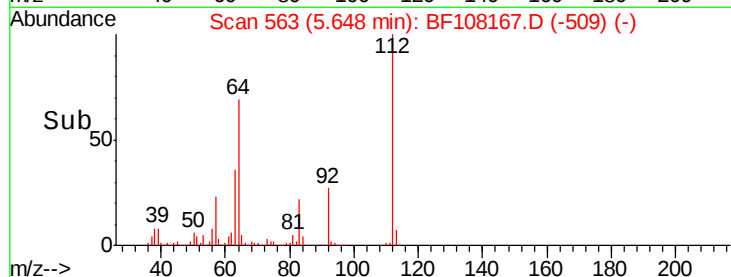
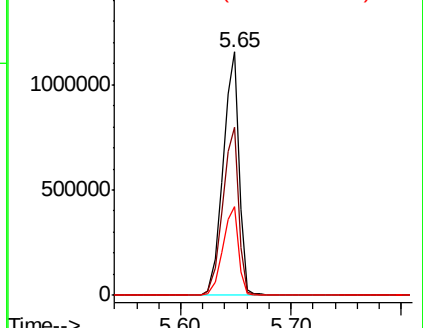
63 36.4 23.7 35.5#



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 40.885 ng

RT: 6.69 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF108167.D

Acq: 15 Aug 2018 16:01

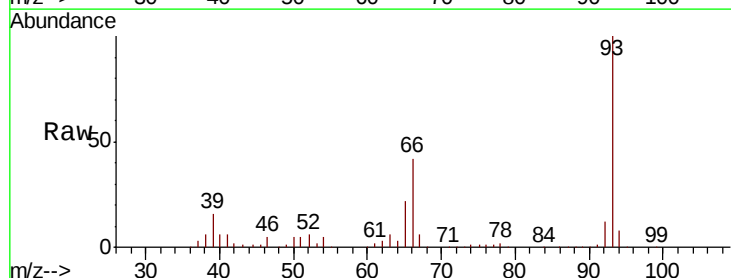
Tgt Ion: 93 Resp: 1079695

Ion Ratio Lower Upper

93 100

66 42.5 32.2 48.2

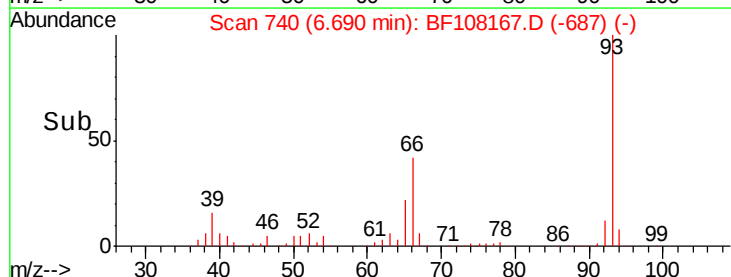
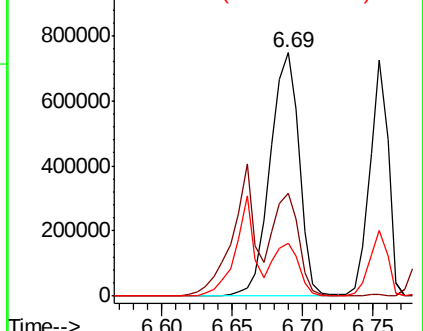
65 22.0 16.4 24.6

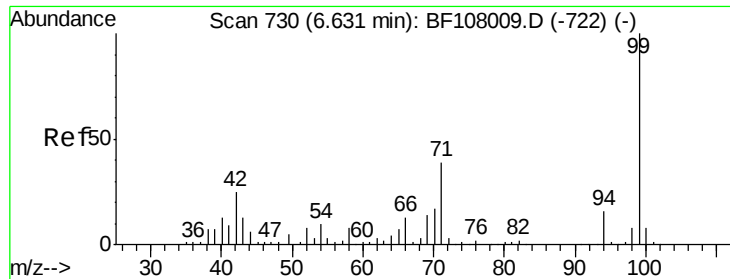


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 79.749 ng

RT: 6.65 min Scan# 733

Delta R.T. 0.02 min

Lab File: BF108167.D

Acq: 15 Aug 2018 16:01

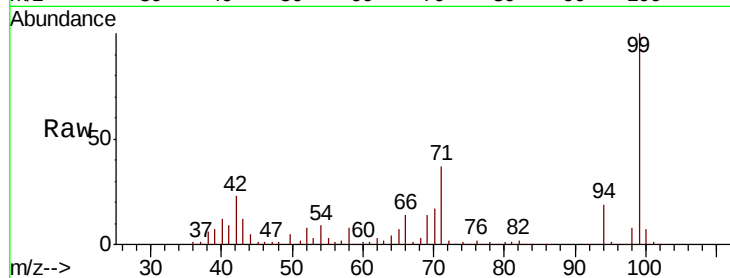
Instrument :

BNA_F

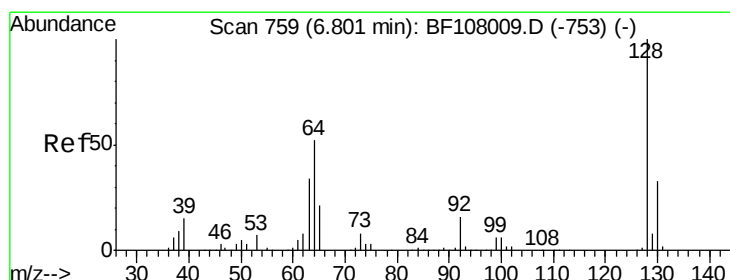
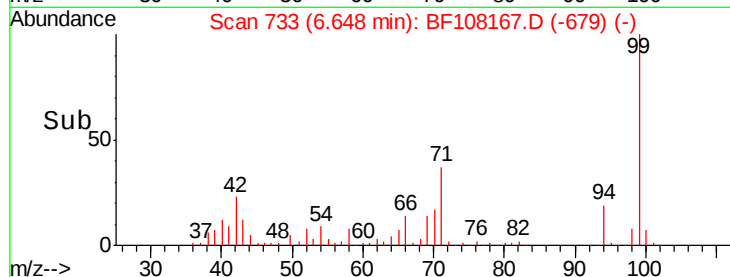
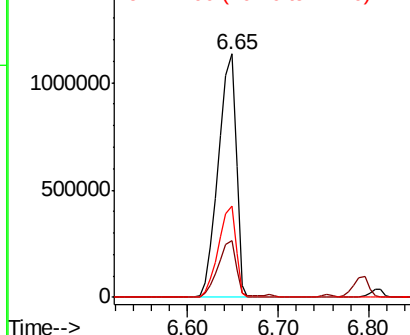
ClientSampled :

Tot Ion: 99 Resp: 1548311

Ion	Ratio	Lower	Upper
99	100		
42	23.2	14.5	21.7#
71	37.4	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: 40.808 ng

RT: 6.81 min Scan# 761

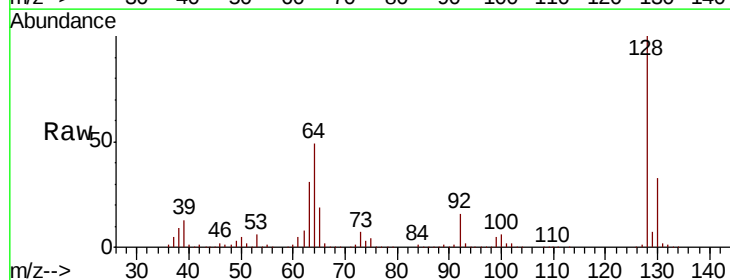
Delta R.T. 0.01 min

Lab File: BF108167.D

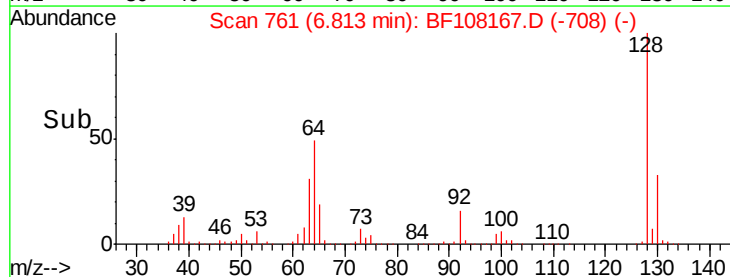
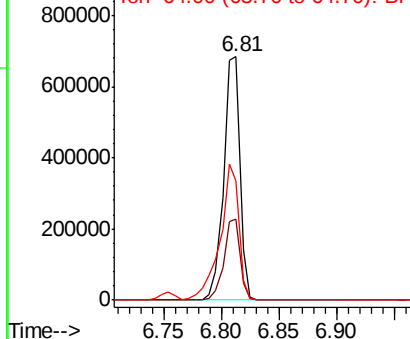
Acq: 15 Aug 2018 16:01

Tgt Ion: 128 Resp: 671492

Ion	Ratio	Lower	Upper
128	100		
130	33.2	13.0	53.0
64	48.8	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

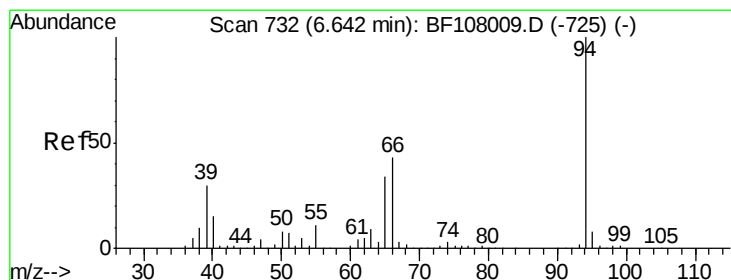
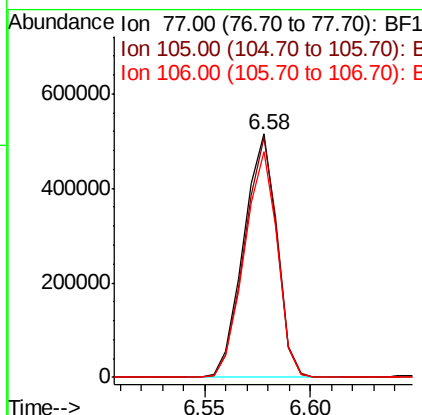
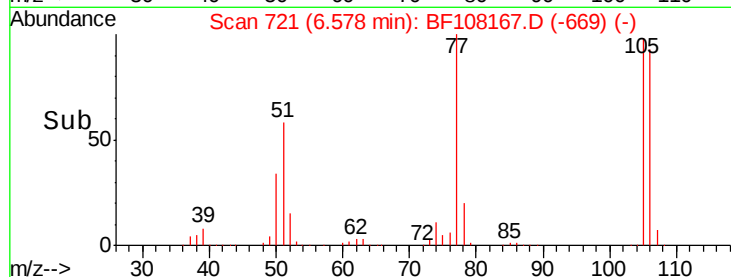
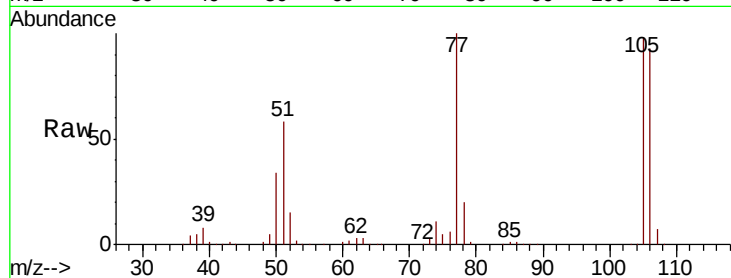




#9
Benzaldehyde
Concen: 37.397 ng
RT: 6.58 min Scan# 721
Delta R.T. 0.01 min
Lab File: BF108167.D
Acq: 15 Aug 2018 16:01

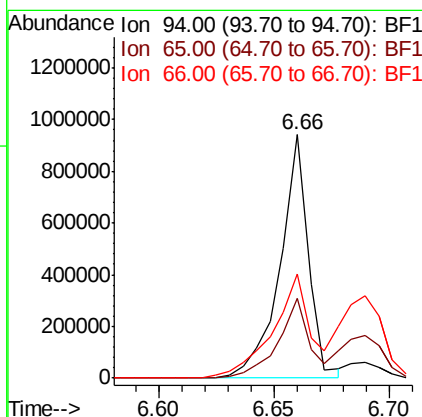
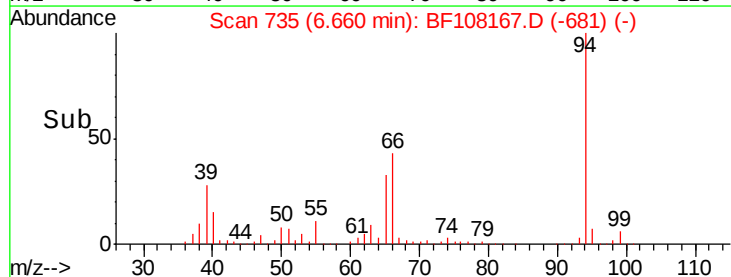
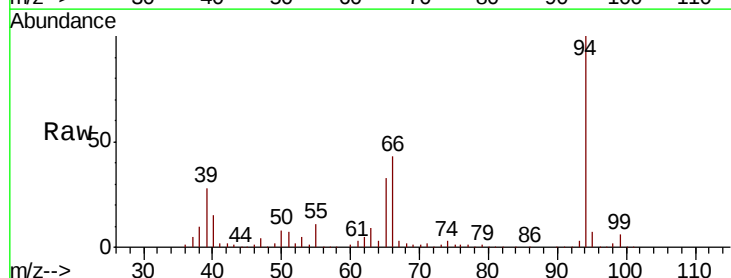
Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 562926
Ion Ratio Lower Upper
77 100
105 98.3 81.1 121.1
106 92.8 74.5 114.5



#10
Phenol
Concen: 39.881 ng
RT: 6.66 min Scan# 735
Delta R.T. 0.02 min
Lab File: BF108167.D
Acq: 15 Aug 2018 16:01

Tgt Ion: 94 Resp: 800912
Ion Ratio Lower Upper
94 100
65 32.8 7.9 47.9
66 43.0 16.2 56.2

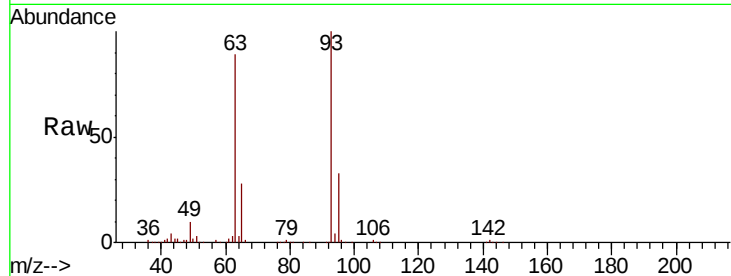




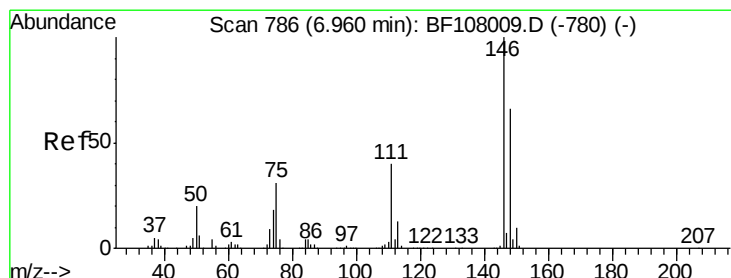
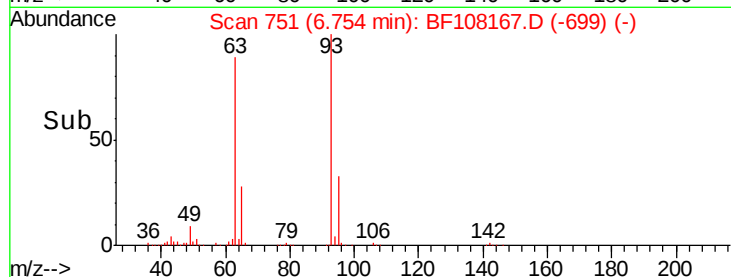
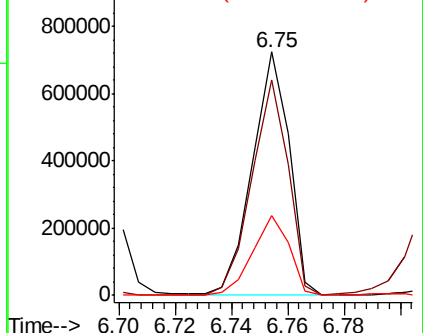
#11
bis(2-Chloroethyl)ether
Concen: 40.268 ng
RT: 6.75 min Scan# 751
Delta R.T. 0.01 min
Lab File: BF108167.D
Acq: 15 Aug 2018 16:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	88.6	58.6	98.6
95	32.9	11.8	51.8

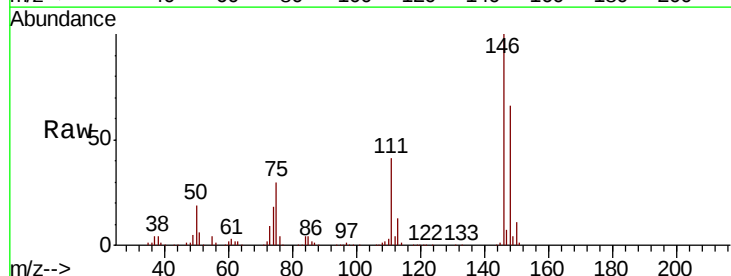


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

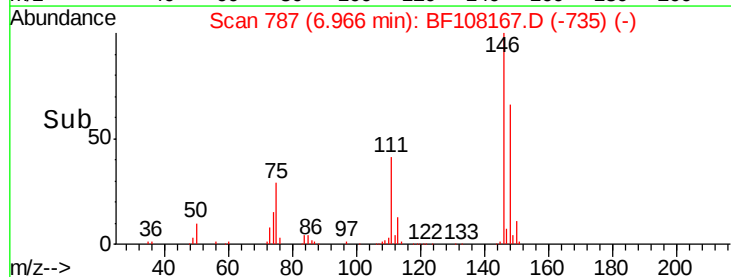
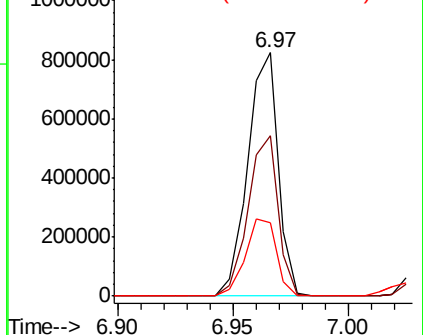


#12
1,3-Dichlorobenzene
Concen: 40.071 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.01 min
Lab File: BF108167.D
Acq: 15 Aug 2018 16:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	51.8	77.8
75	30.1	24.2	36.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

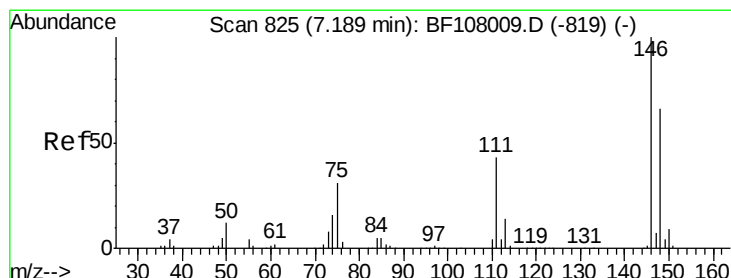
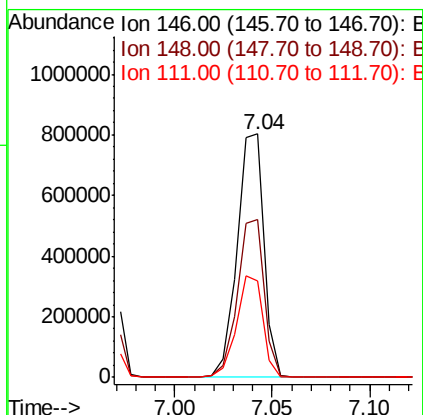
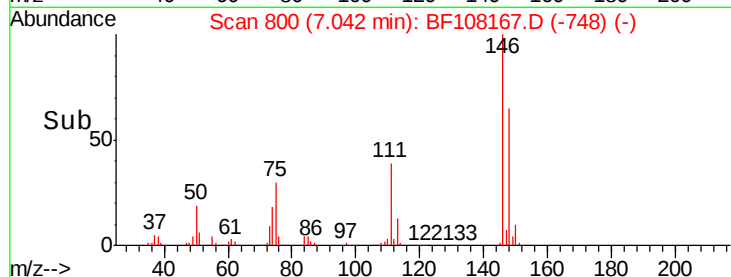
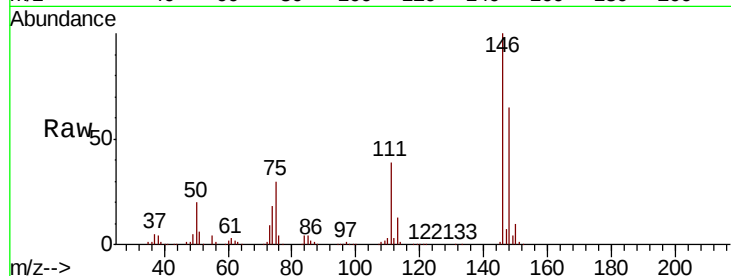




#13
 1,4-Dichlorobenzene
 Concen: 40.020 ng
 RT: 7.04 min Scan# 800
 Delta R.T. 0.01 min
 Lab File: BF108167.D
 Acq: 15 Aug 2018 16:01

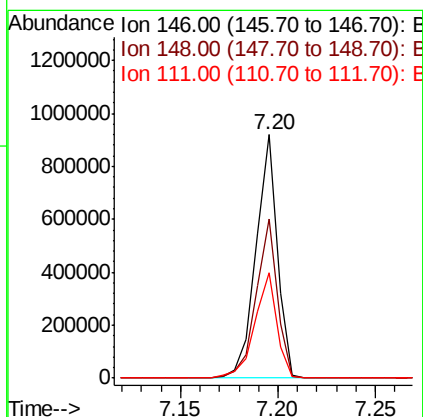
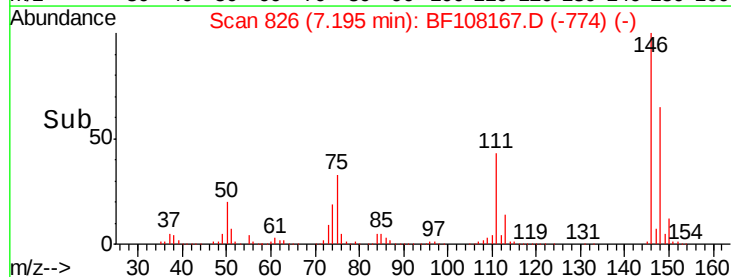
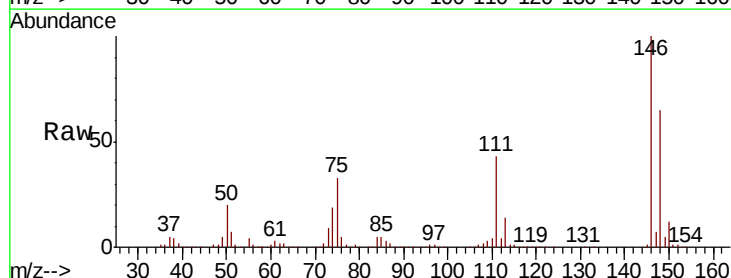
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 765014
 Ion Ratio Lower Upper
 146 100
 148 65.0 50.8 76.2
 111 39.4 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 39.392 ng
 RT: 7.20 min Scan# 826
 Delta R.T. 0.01 min
 Lab File: BF108167.D
 Acq: 15 Aug 2018 16:01

Tgt Ion:146 Resp: 700436
 Ion Ratio Lower Upper
 146 100
 148 65.3 50.6 75.8
 111 43.2 36.0 54.0





#15

Benzyl Alcohol

Concen: 39.704 ng

RT: 7.16 min Scan# 820

Delta R.T. 0.01 min

Lab File: BF108167.D

Acq: 15 Aug 2018 16:01

Instrument :

BNA_F

ClientSampleId :

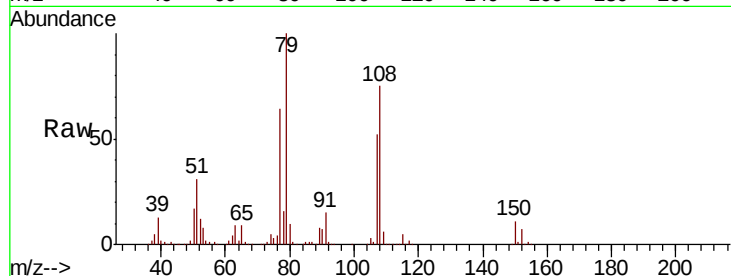
Tot Ion: 79 Resp: 648929

Ion Ratio Lower Upper

79 100

108 75.1 65.1 97.7

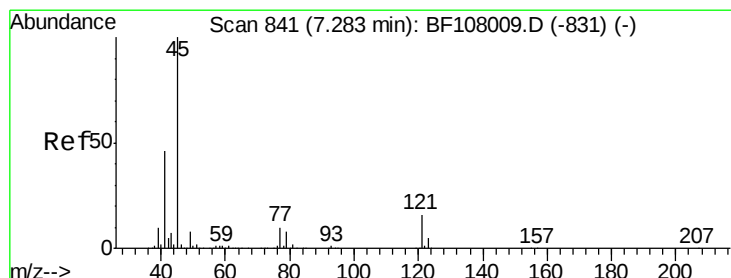
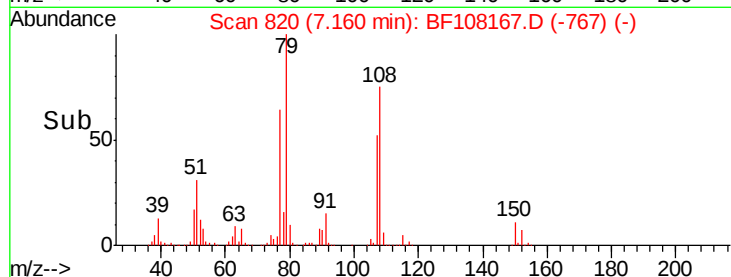
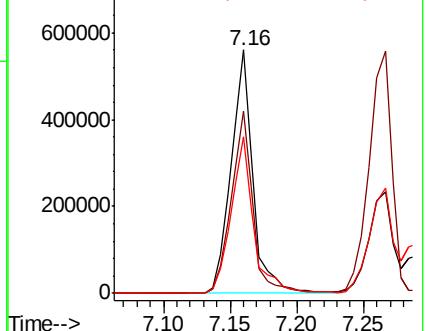
77 64.3 50.6 75.8



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: 38.256 ng

RT: 7.29 min Scan# 842

Delta R.T. 0.01 min

Lab File: BF108167.D

Acq: 15 Aug 2018 16:01

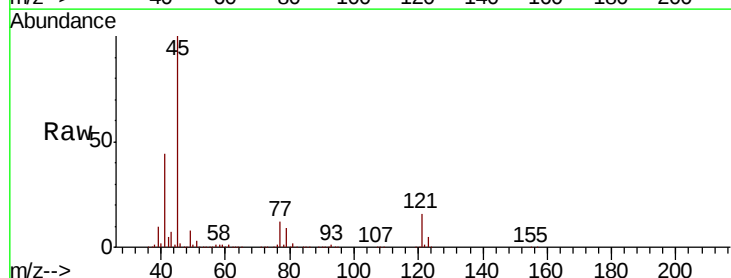
Tgt Ion: 45 Resp: 1279542

Ion Ratio Lower Upper

45 100

77 11.7 0.0 32.9

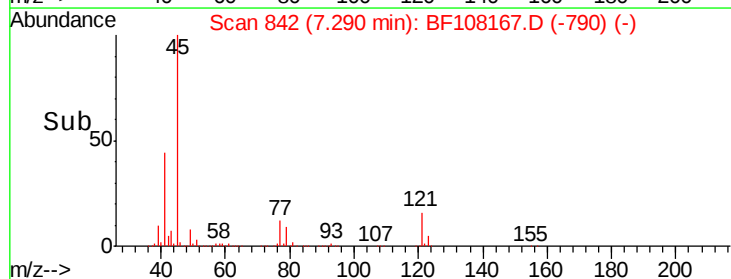
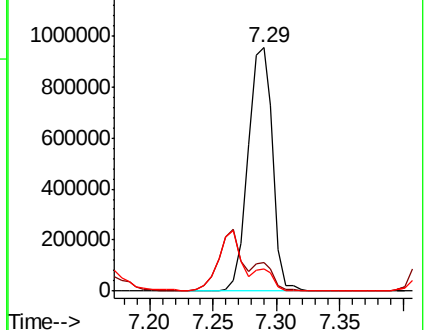
79 9.1 0.0 29.6



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: 40.227 ng

RT: 7.27 min Scan# 838

Delta R.T. 0.02 min

Lab File: BF108167.D

Acq: 15 Aug 2018 16:01

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 567647

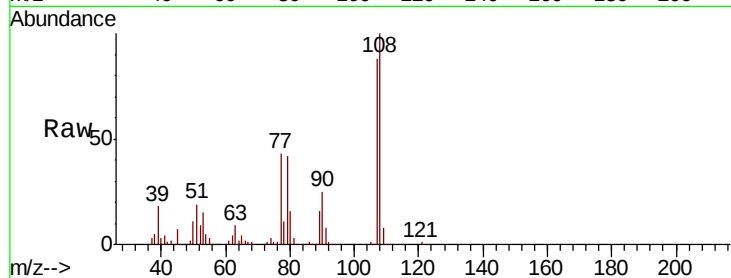
Ion Ratio Lower Upper

107 100

108 113.7 91.7 137.5

77 49.3 33.8 50.8

79 48.0 33.8 50.8

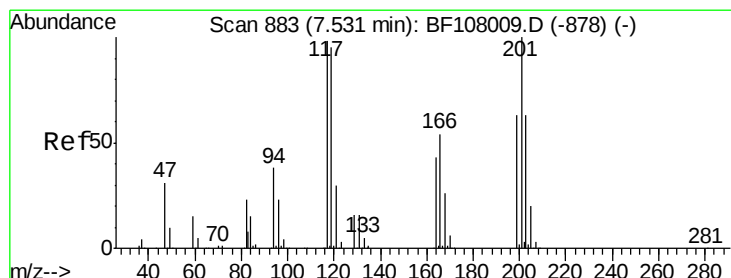
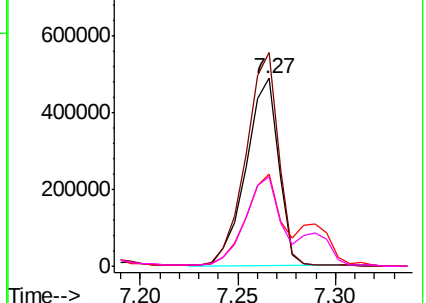
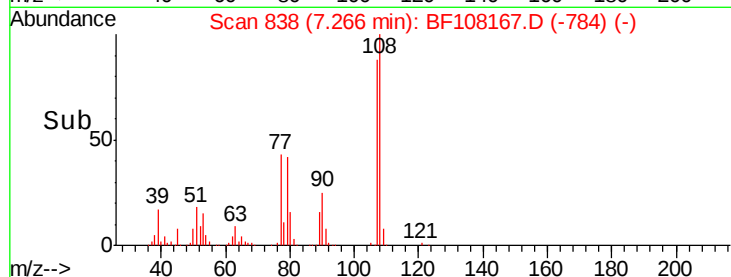


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.665 ng

RT: 7.53 min Scan# 883

Delta R.T. 0.00 min

Lab File: BF108167.D

Acq: 15 Aug 2018 16:01

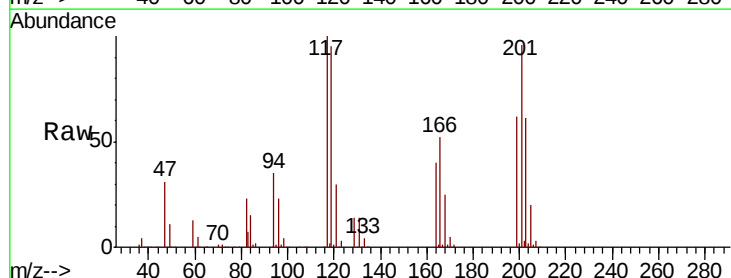
Tgt Ion:117 Resp: 283555

Ion Ratio Lower Upper

117 100

119 95.2 75.8 113.8

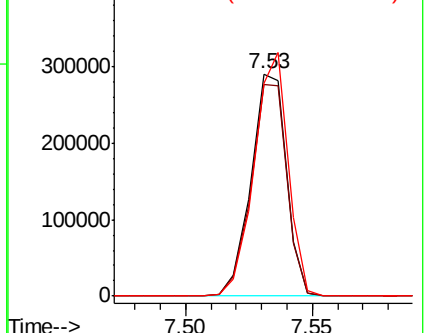
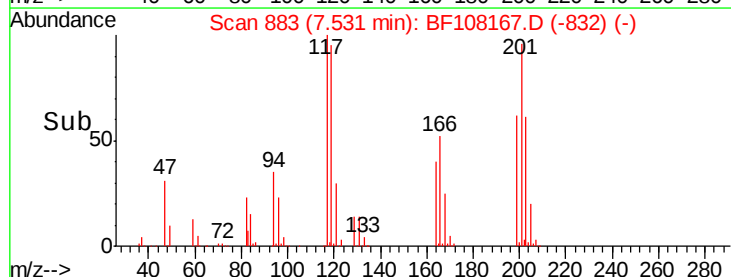
201 95.8 75.7 113.5

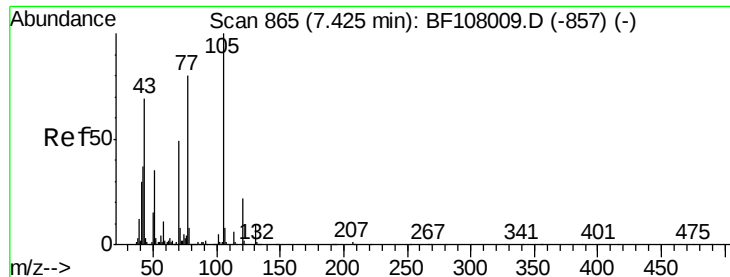


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

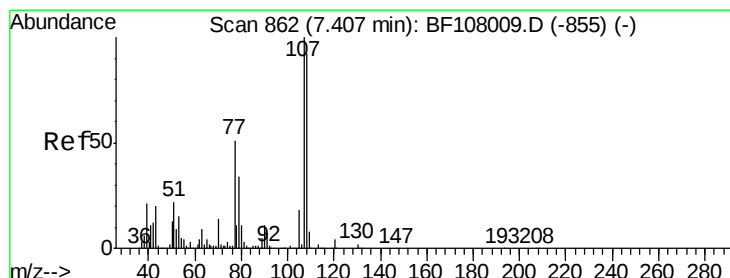
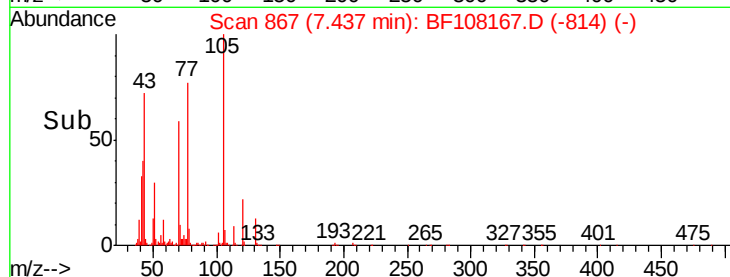
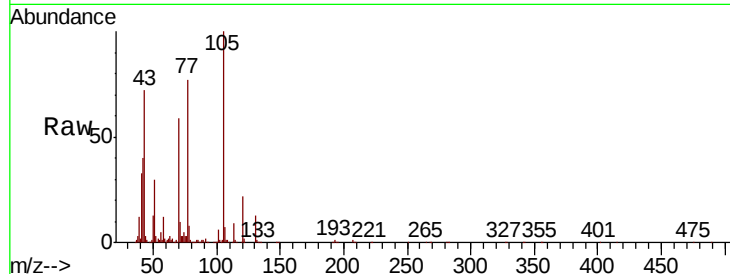
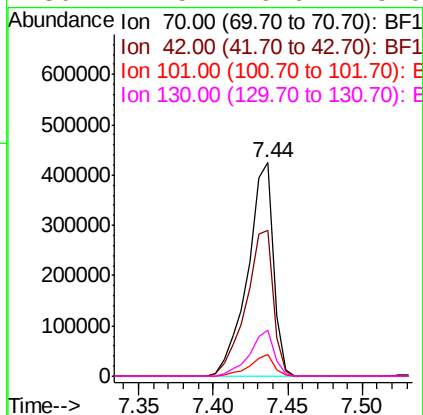




#19
n-Nitroso-di-n-propylamine
Concen: 38.515 ng
RT: 7.44 min Scan# 867
Delta R.T. 0.01 min
Lab File: BF108167.D
Acq: 15 Aug 2018 16:01

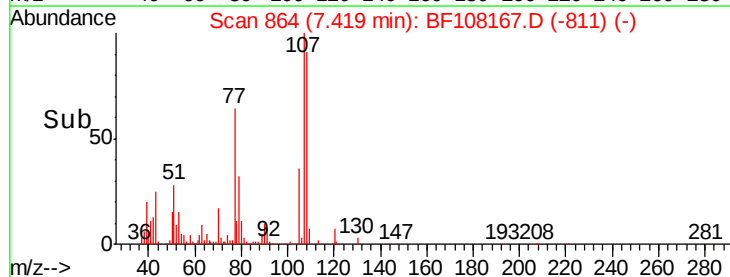
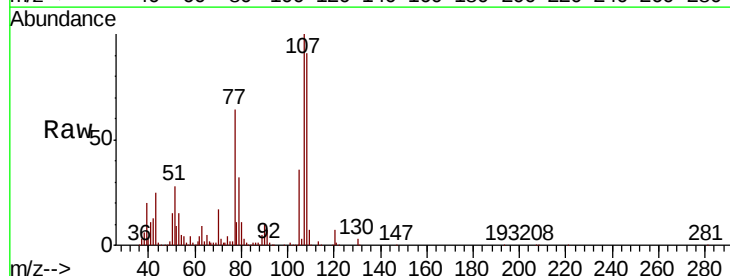
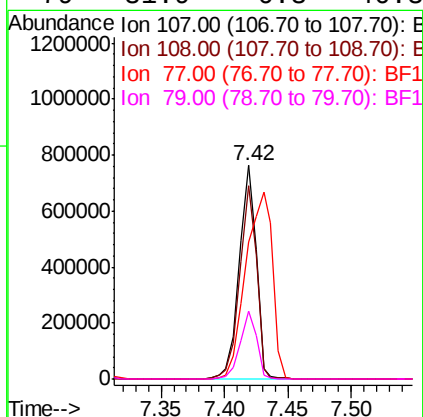
Instrument :
BNA_F
ClientSampleId :

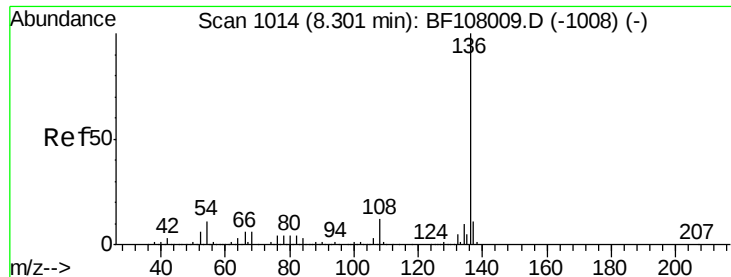
Tot Ion:	70	Resp:	505667
Ion	Ratio	Lower	Upper
70	100		
42	68.4	47.5	71.3
101	10.2	7.4	11.2
130	21.5	16.6	25.0



#20
3+4-Methylphenols
Concen: 38.675 ng
RT: 7.42 min Scan# 864
Delta R.T. 0.01 min
Lab File: BF108167.D
Acq: 15 Aug 2018 16:01

Tgt Ion:	107	Resp:	699366
Ion	Ratio	Lower	Upper
107	100		
108	90.6	68.2	108.2
77	64.3	26.7	66.7
79	31.9	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.31 min Scan# 1015

Delta R.T. 0.01 min

Lab File: BF108167.D

Acq: 15 Aug 2018 16:01

Instrument :

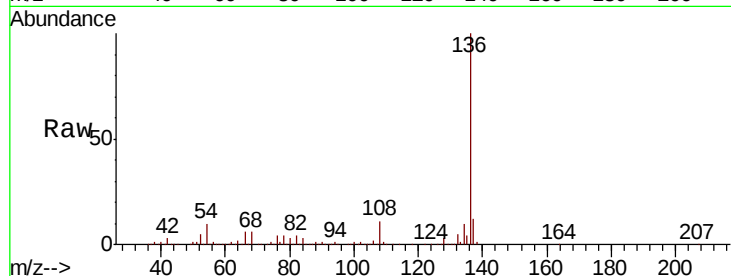
BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1026386

Ion Ratio Lower Upper

136	100		
137	11.5	8.9	13.3
54	10.0	6.6	9.8#
68	6.3	5.0	7.4

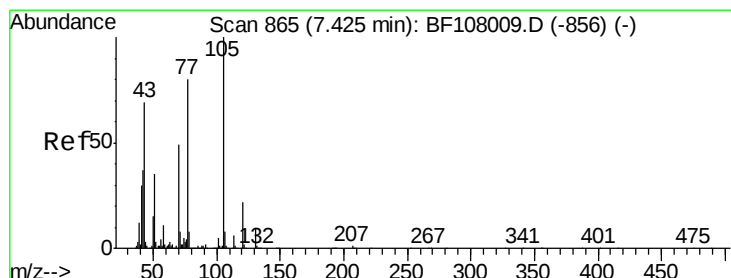
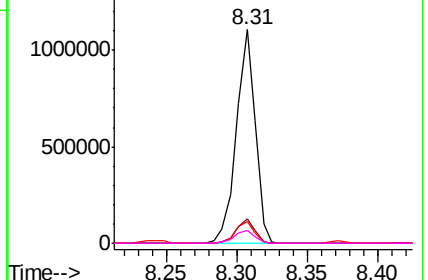
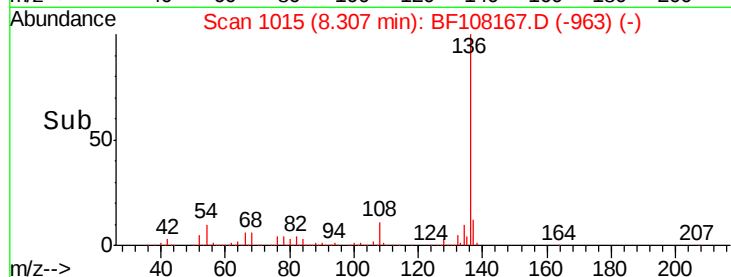


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.980 ng

RT: 7.43 min Scan# 866

Delta R.T. 0.01 min

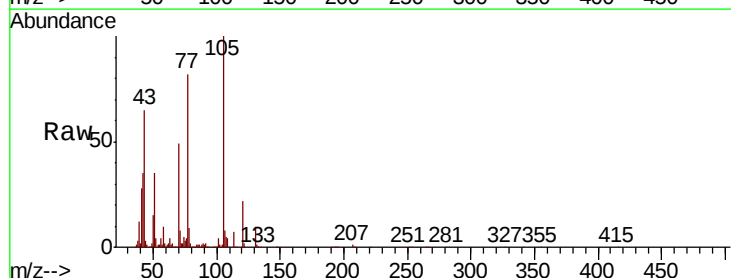
Lab File: BF108167.D

Acq: 15 Aug 2018 16:01

Tgt Ion:105 Resp: 935503

Ion Ratio Lower Upper

105	100		
71	8.1	4.4	6.6#
51	34.8	22.3	33.5#
120	21.8	16.9	25.3

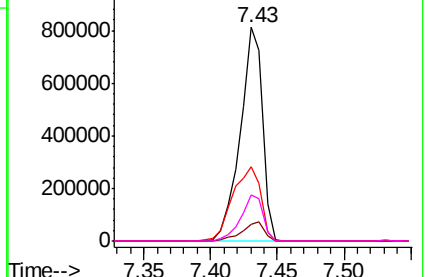
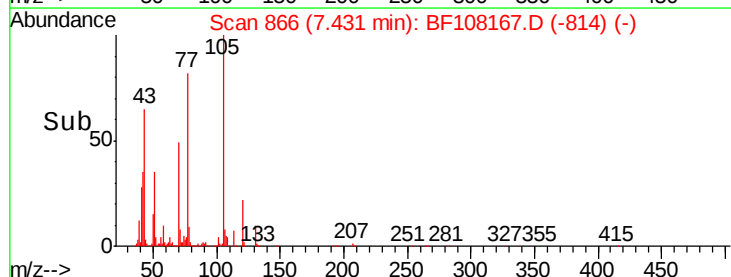


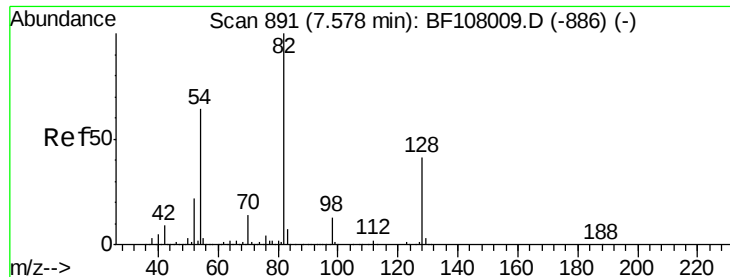
Abundance Ion 105.00 (104.70 to 105.70): E

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

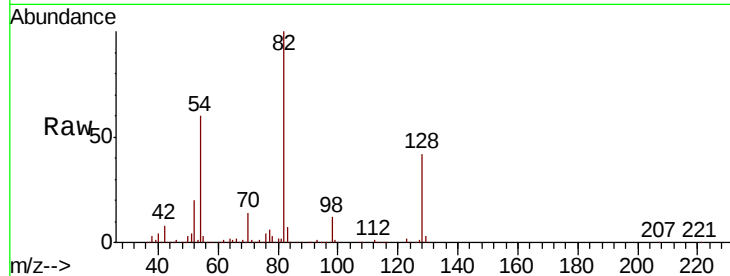




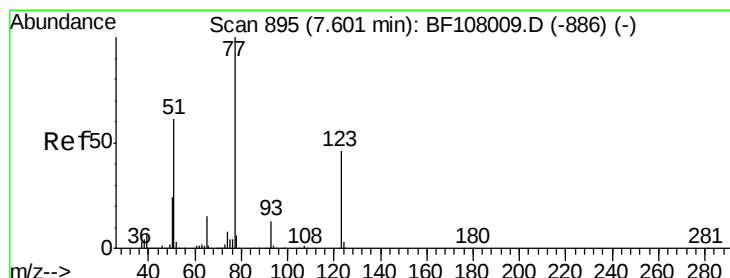
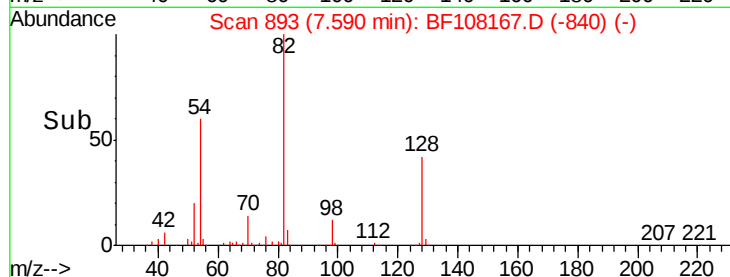
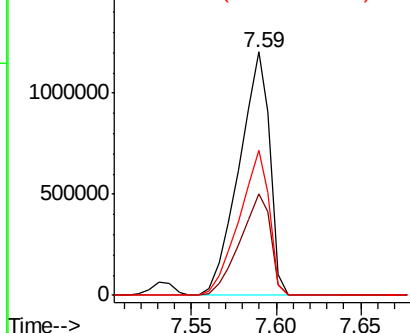
#23
Nitrobenzene-d5
Concen: 82.740 ng
RT: 7.59 min Scan# 893
Delta R.T. 0.01 min
Lab File: BF108167.D
Acq: 15 Aug 2018 16:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1521874
Ion Ratio Lower Upper
82 100
128 41.6 36.1 54.1
54 59.7 41.4 62.2

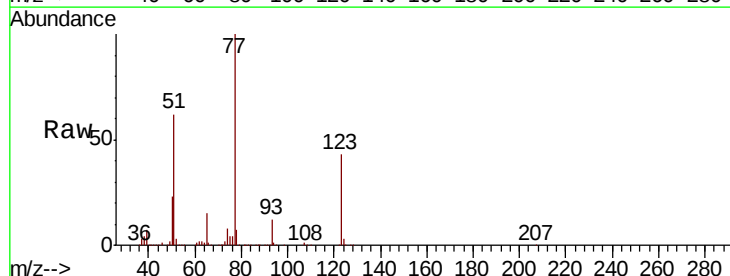


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

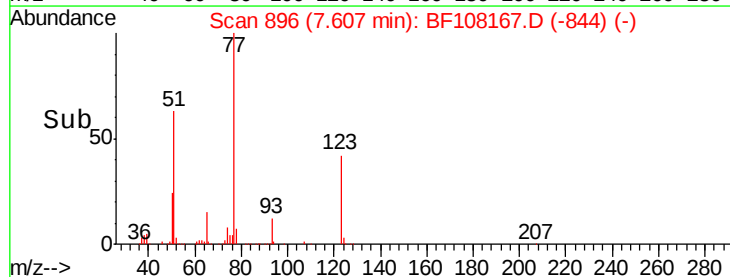
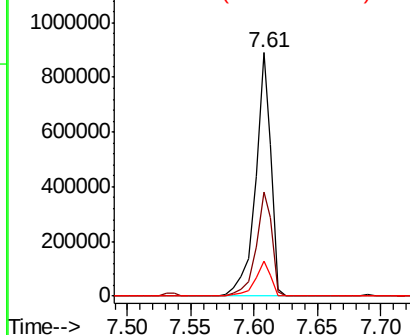


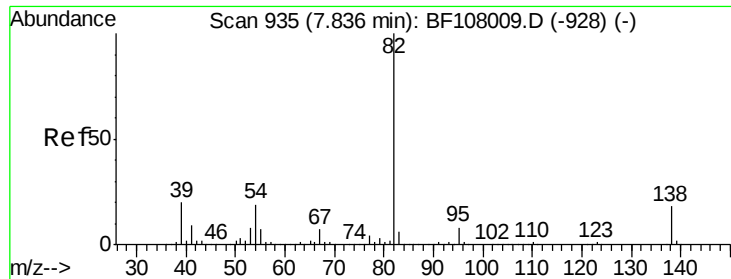
#24
Nitrobenzene
Concen: 40.784 ng
RT: 7.61 min Scan# 896
Delta R.T. 0.01 min
Lab File: BF108167.D
Acq: 15 Aug 2018 16:01

Tgt Ion: 77 Resp: 758567
Ion Ratio Lower Upper
77 100
123 42.5 37.9 56.9
65 14.6 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

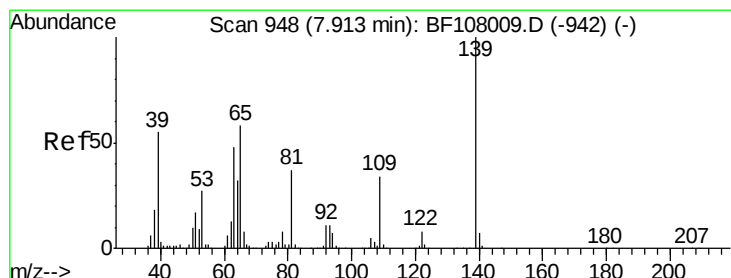
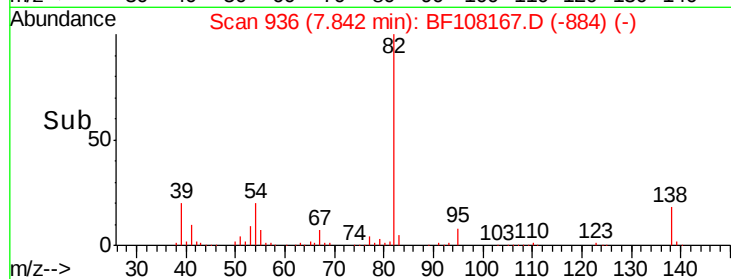
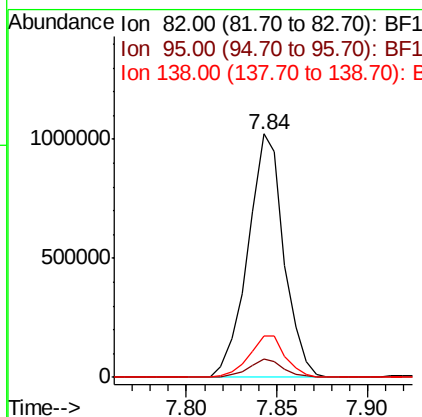
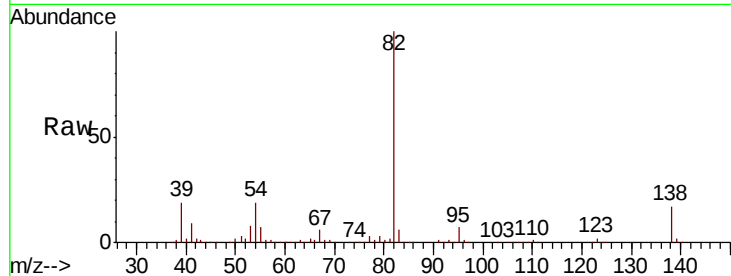




#25
Isophorone
Concen: 40.207 ng
RT: 7.84 min Scan# 936
Delta R.T. 0.01 min
Lab File: BF108167.D
Acq: 15 Aug 2018 16:01

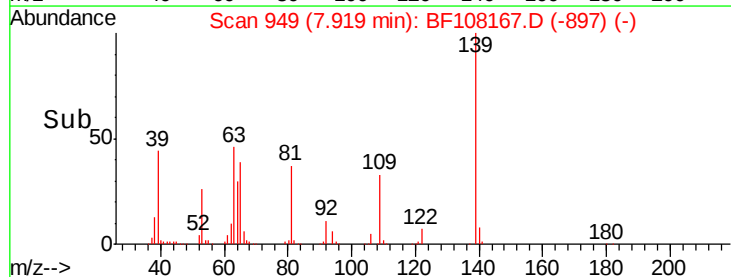
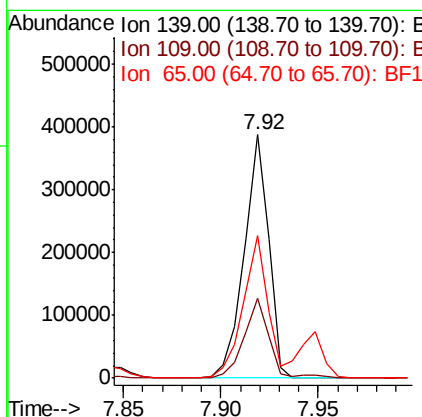
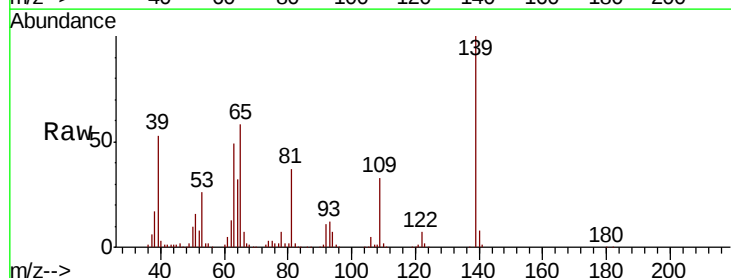
Instrument :
BNA_F
ClientSampleId :

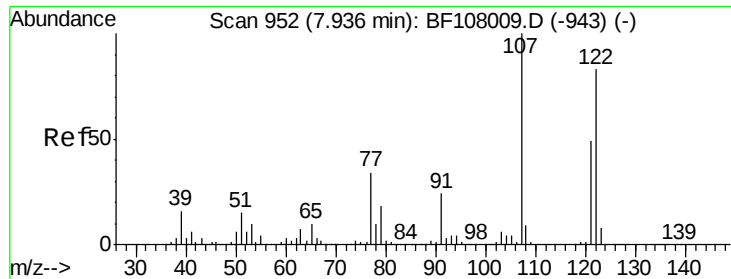
Tot Ion: 82 Resp: 1409623
Ion Ratio Lower Upper
82 100
95 7.4 5.2 7.8
138 17.1 14.9 22.3



#26
2-Nitrophenol
Concen: 48.233 ng
RT: 7.92 min Scan# 949
Delta R.T. 0.01 min
Lab File: BF108167.D
Acq: 15 Aug 2018 16:01

Tgt Ion: 139 Resp: 338796
Ion Ratio Lower Upper
139 100
109 32.9 22.7 34.1
65 58.4 40.5 60.7

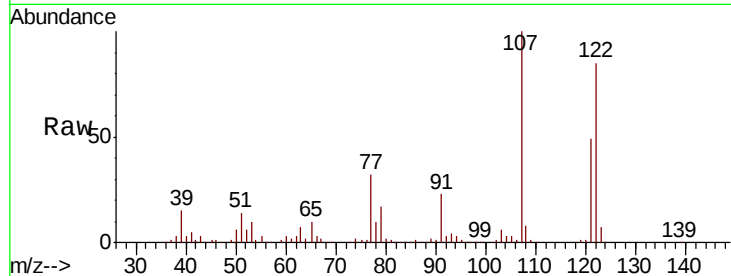




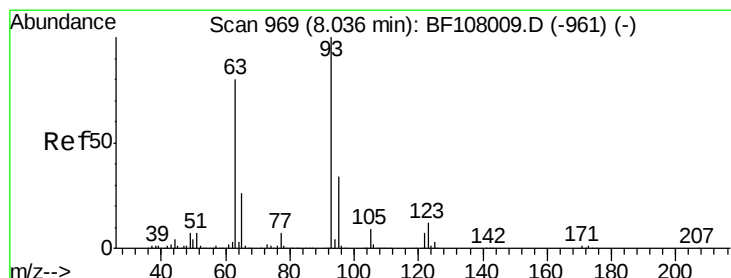
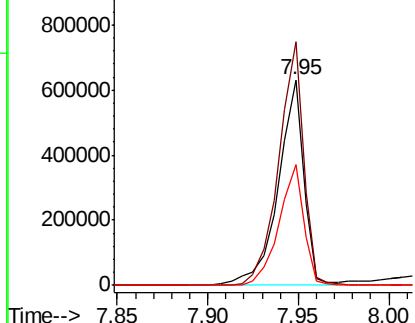
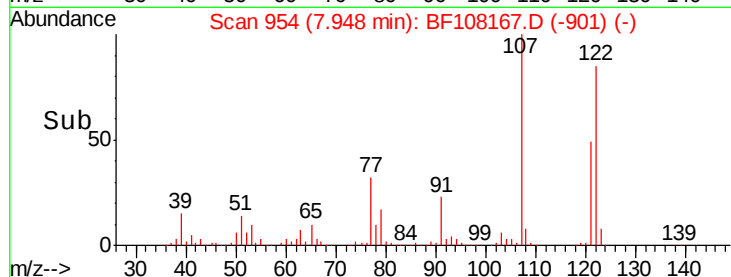
#27
 2,4-Dimethylphenol
 Concen: 40.187 ng
 RT: 7.95 min Scan# 954
 Delta R.T. 0.01 min
 Lab File: BF108167.D
 Acq: 15 Aug 2018 16:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	118.3	91.2	136.8
121	58.4	47.2	70.8

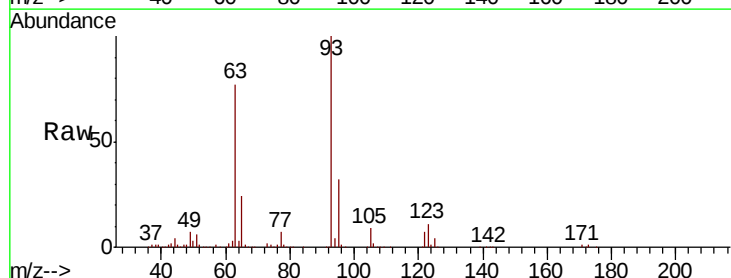


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

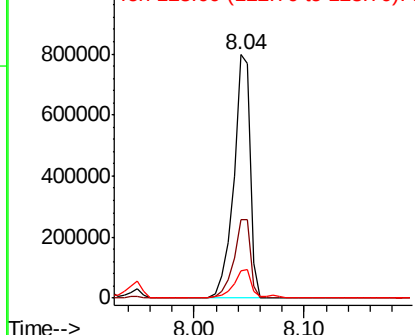
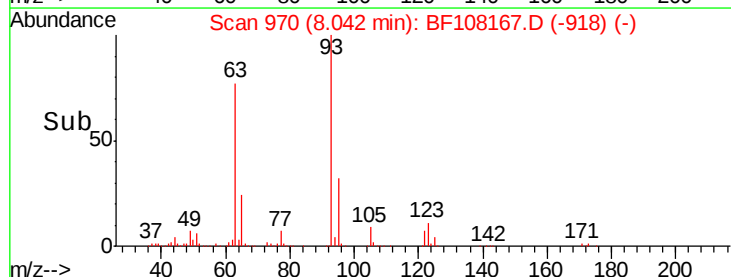


#28
 bis(2-Chloroethoxy)methane
 Concen: 40.671 ng
 RT: 8.04 min Scan# 970
 Delta R.T. 0.01 min
 Lab File: BF108167.D
 Acq: 15 Aug 2018 16:01

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.3	39.5
123	11.2	9.8	14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

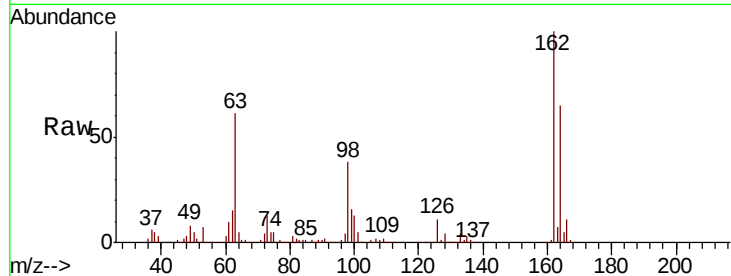




#29
 2,4-Dichlorophenol
 Concen: 41.759 ng
 RT: 8.16 min Scan# 990
 Delta R.T. 0.01 min
 Lab File: BF108167.D
 Acq: 15 Aug 2018 16:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.0	42.7	82.7
98	37.6	18.1	58.1

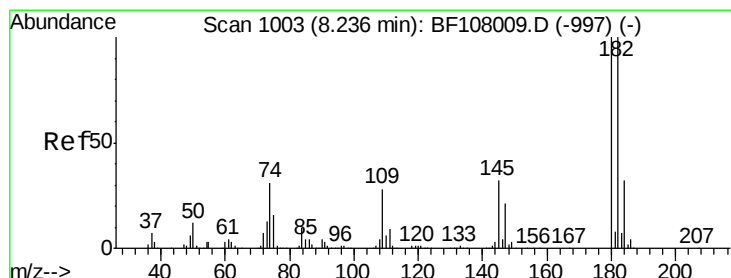
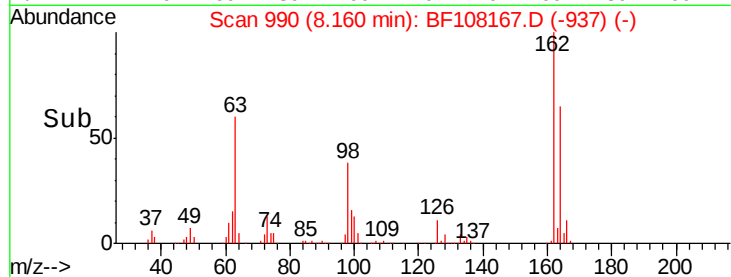
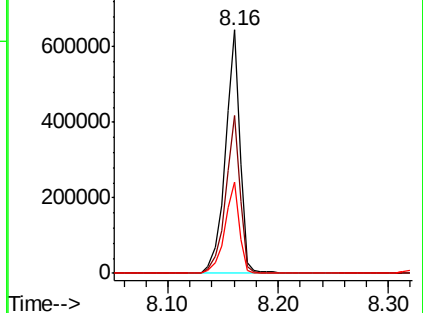


Abundance

Ion 162.00 (161.70 to 162.70): E

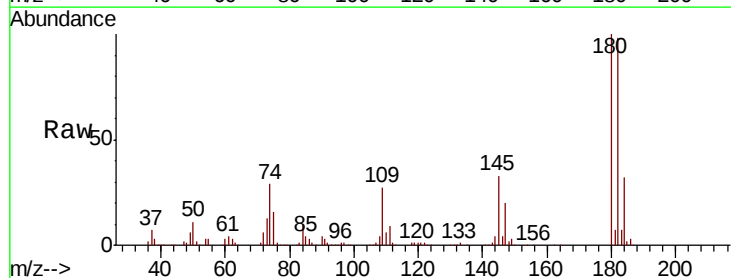
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 40.403 ng
 RT: 8.24 min Scan# 1004
 Delta R.T. 0.01 min
 Lab File: BF108167.D
 Acq: 15 Aug 2018 16:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.5	76.8	115.2
145	32.7	26.5	39.7

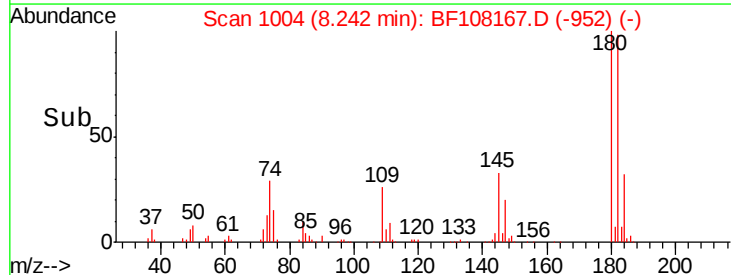
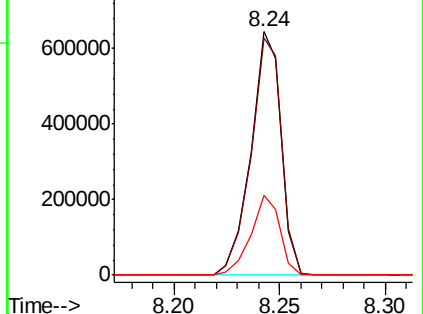


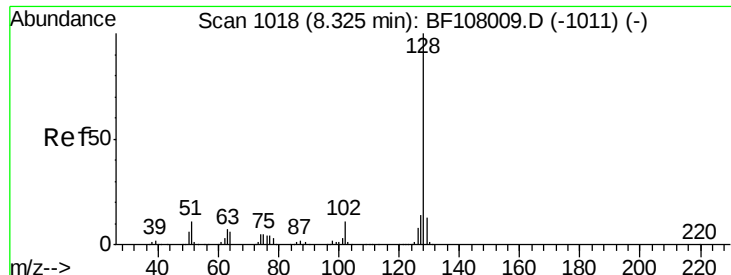
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

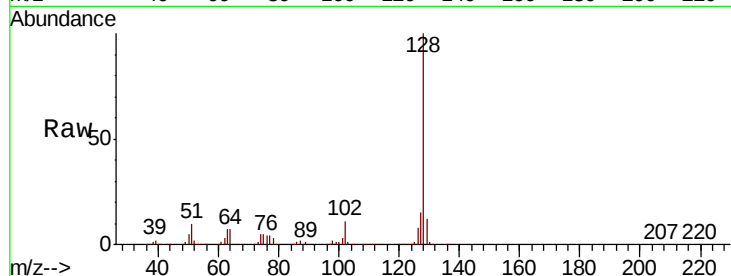




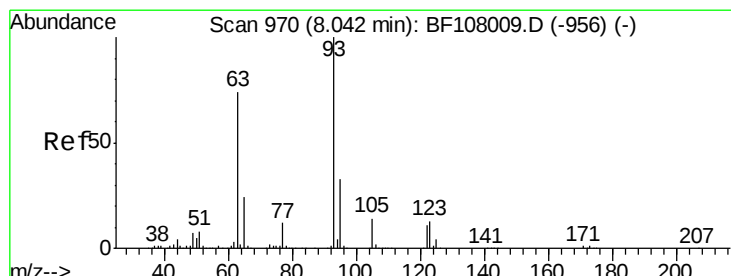
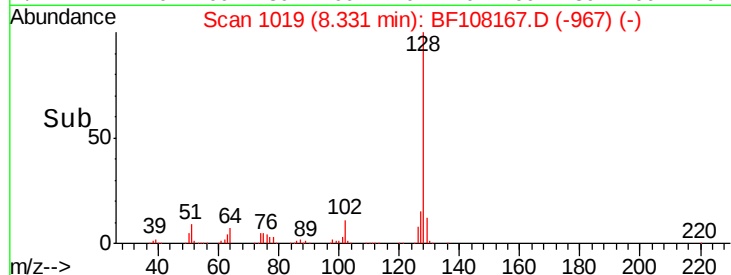
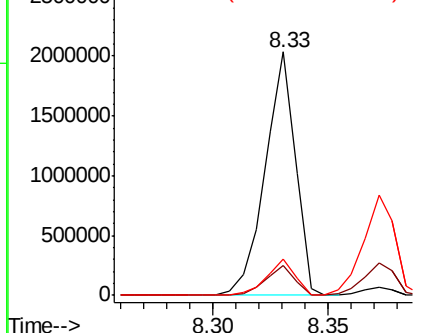
#31
Naphthalene
Concen: 39.738 ng
RT: 8.33 min Scan# 1019
Delta R.T. 0.01 min
Lab File: BF108167.D
Acq: 15 Aug 2018 16:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 1854870
Ion Ratio Lower Upper
128 100
129 12.4 8.8 13.2
127 14.7 10.9 16.3

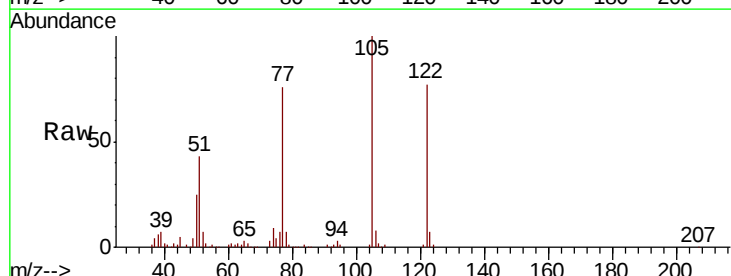


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

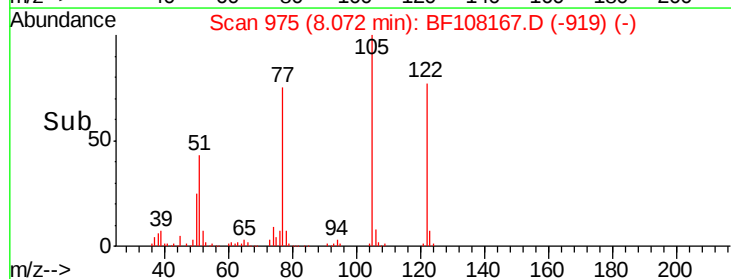
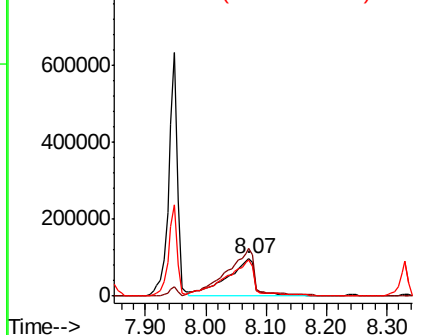


#32
Benzoic acid
Concen: 37.272 ng
RT: 8.07 min Scan# 975
Delta R.T. 0.03 min
Lab File: BF108167.D
Acq: 15 Aug 2018 16:01

Tgt Ion:122 Resp: 322772
Ion Ratio Lower Upper
122 100
105 129.8 101.1 141.1
77 98.1 70.7 110.7



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

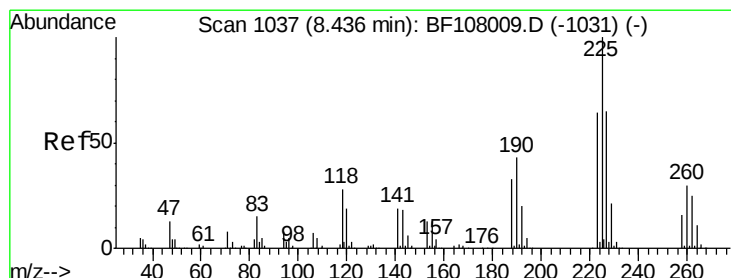
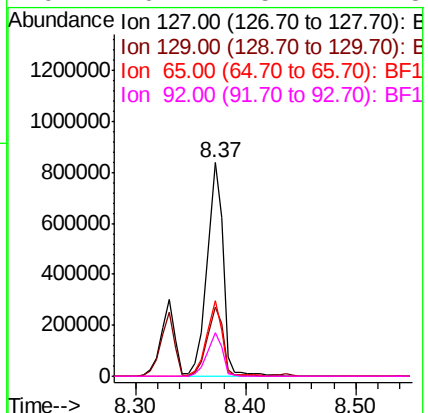
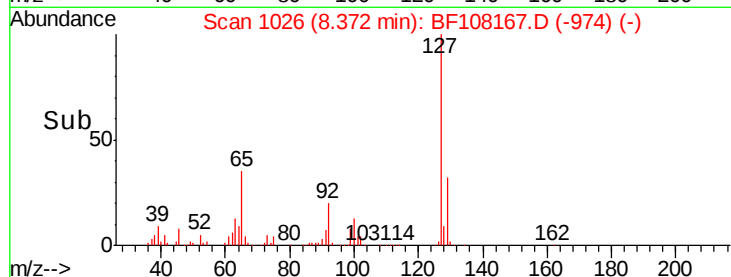
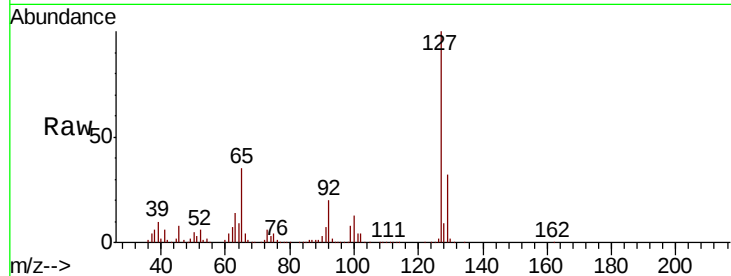




#33
4-Chloroaniline
Concen: 40.182 ng
RT: 8.37 min Scan# 1026
Delta R.T. 0.01 min
Lab File: BF108167.D
Acq: 15 Aug 2018 16:01

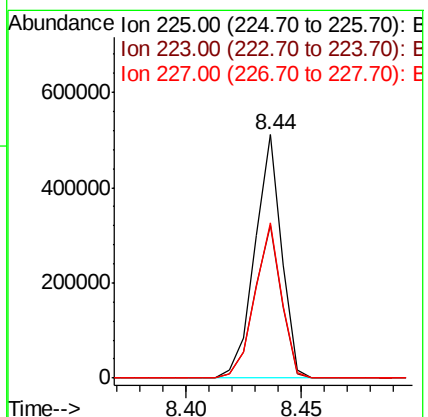
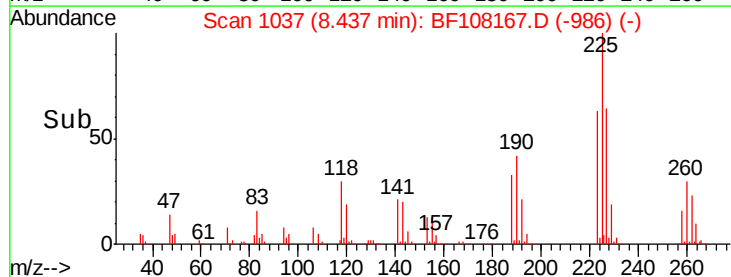
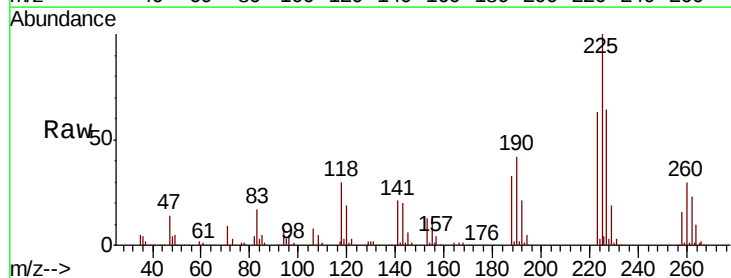
Instrument :
BNA_F
ClientSampleId :

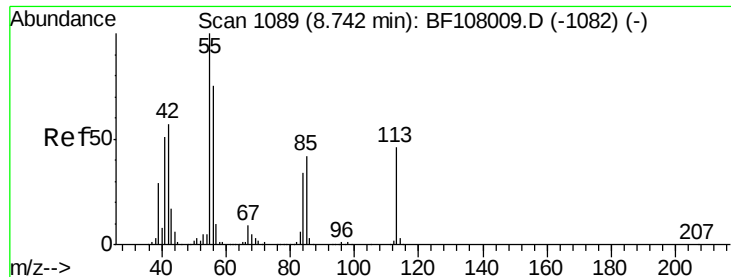
Tot Ion:	127	Resp:	817384
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.9	38.9
65	35.3	25.0	37.4
92	20.4	15.2	22.8



#34
Hexachlorobutadiene
Concen: 41.188 ng
RT: 8.44 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF108167.D
Acq: 15 Aug 2018 16:01

Tgt Ion:	225	Resp:	411652
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.6	76.0
227	64.0	51.9	77.9

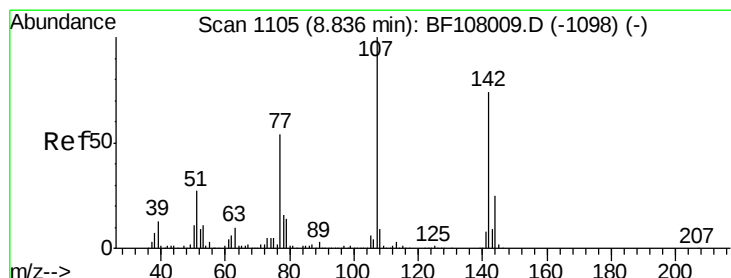
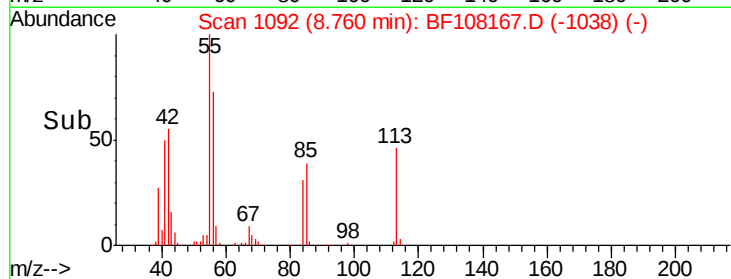
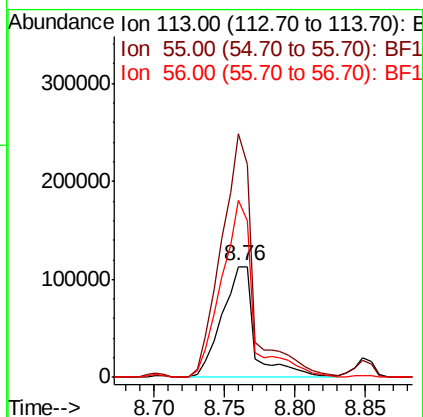
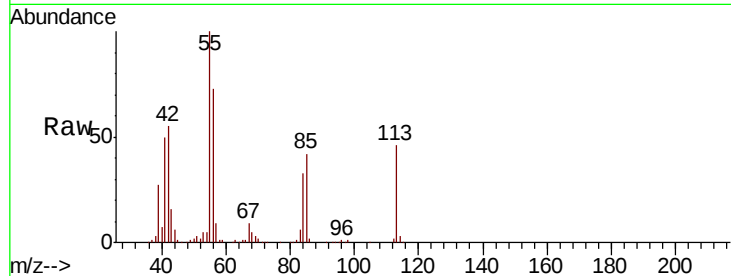




#35
 Caprolactam
 Concen: 41.204 ng
 RT: 8.76 min Scan# 1092
 Delta R.T. 0.02 min
 Lab File: BF108167.D
 Acq: 15 Aug 2018 16:01

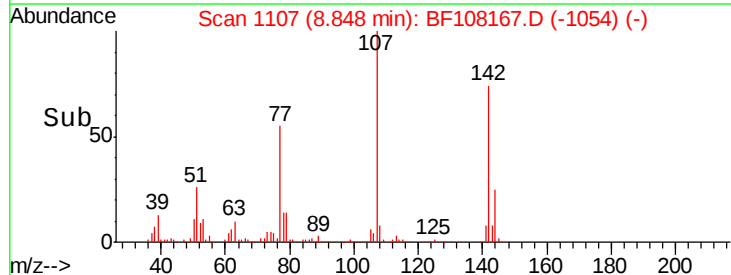
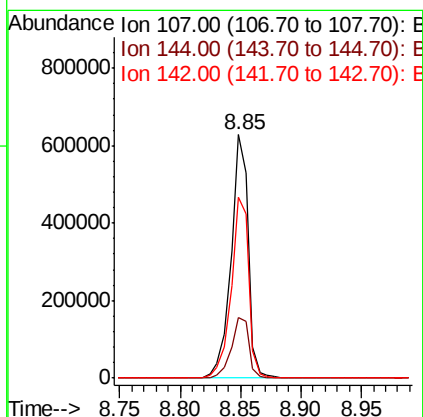
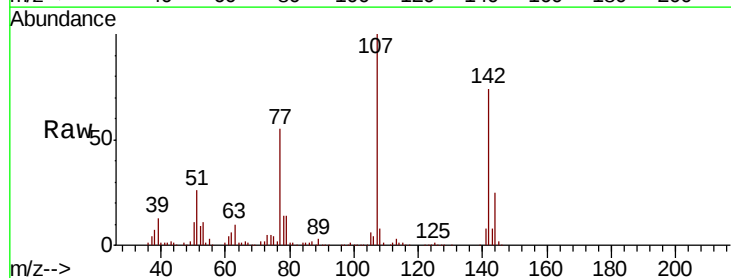
Instrument :
 BNA_F
 ClientSampled :

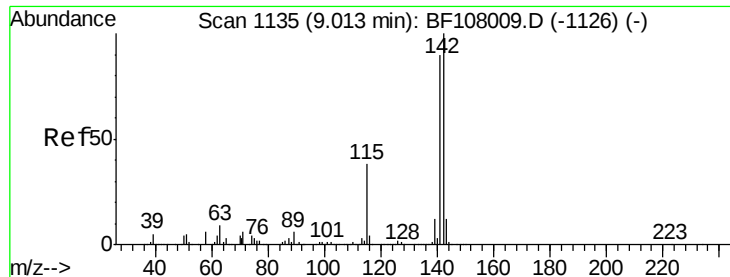
Tot Ion:113 Resp: 184897
 Ion Ratio Lower Upper
 113 100
 55 219.6 163.3 203.3#
 56 159.3 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 40.245 ng
 RT: 8.85 min Scan# 1107
 Delta R.T. 0.01 min
 Lab File: BF108167.D
 Acq: 15 Aug 2018 16:01

Tgt Ion:107 Resp: 621693
 Ion Ratio Lower Upper
 107 100
 144 24.9 20.5 30.7
 142 74.4 62.0 93.0

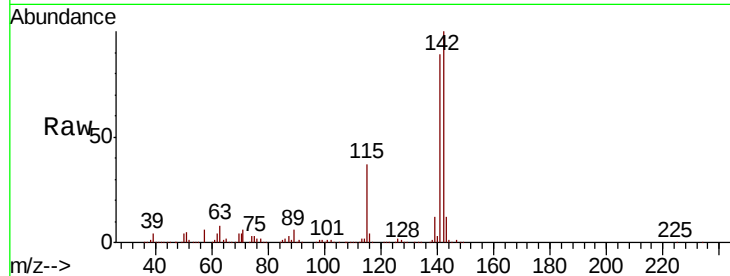




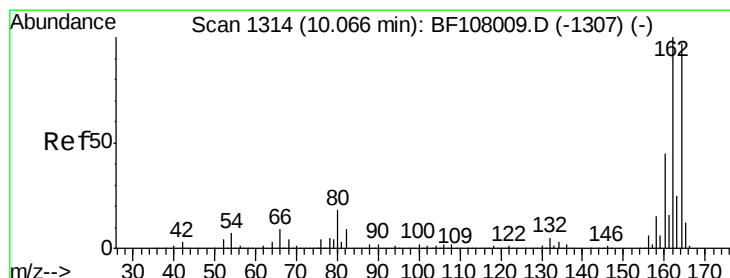
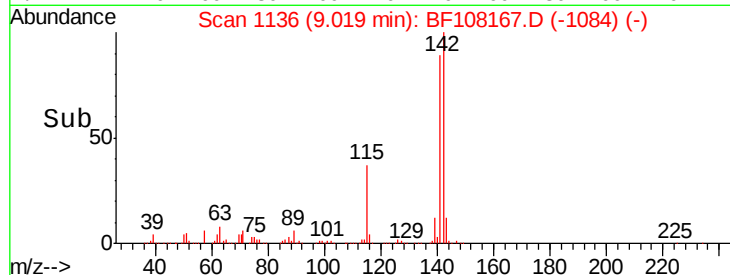
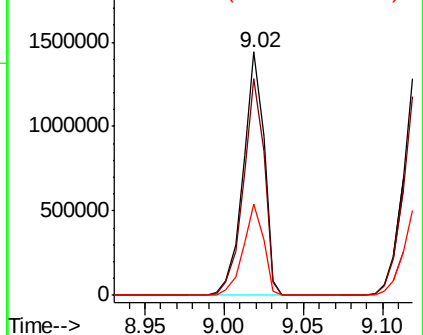
#37
2-Methylnaphthalene
Concen: 39.628 ng
RT: 9.02 min Scan# 1136
Delta R.T. 0.01 min
Lab File: BF108167.D
Acq: 15 Aug 2018 16:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1308725
Ion Ratio Lower Upper
142 100
141 88.8 70.8 106.2
115 37.4 26.1 39.1

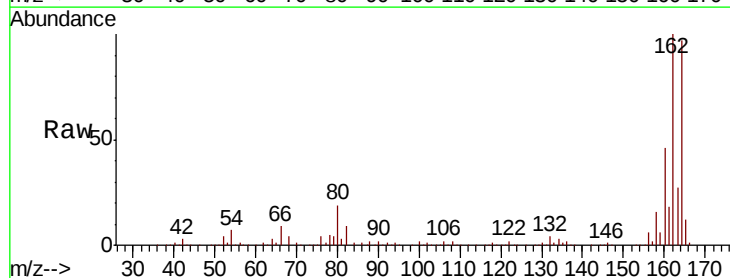


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

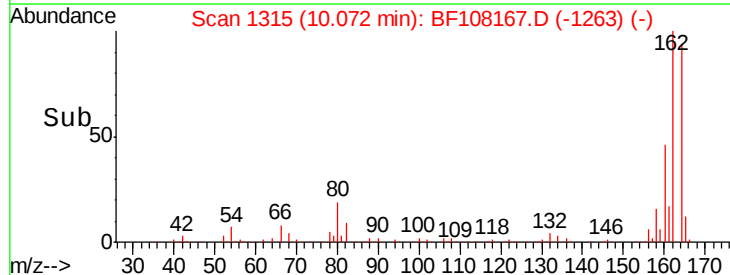
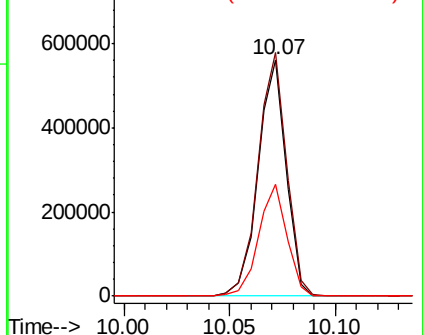


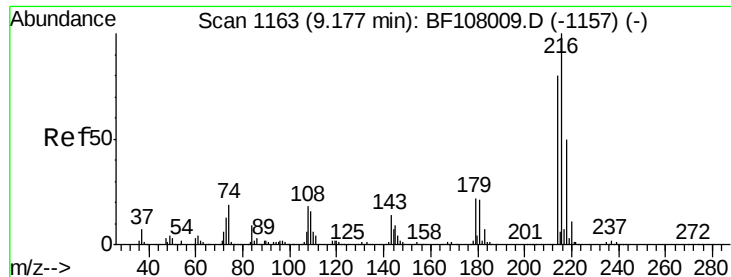
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.07 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF108167.D
Acq: 15 Aug 2018 16:01

Tgt Ion:164 Resp: 518163
Ion Ratio Lower Upper
164 100
162 103.0 86.1 129.1
160 47.5 38.3 57.5



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.967 ng

RT: 9.18 min Scan# 1164

Delta R.T. 0.01 min

Lab File: BF108167.D

Acq: 15 Aug 2018 16:01

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 667795

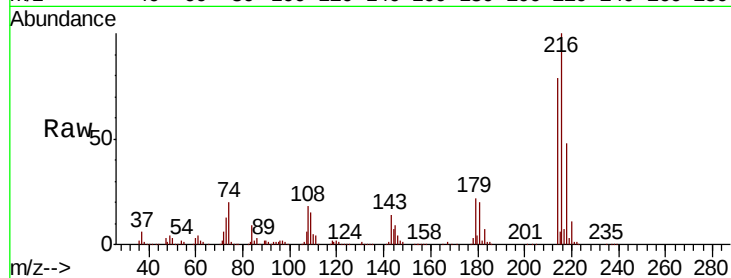
Ion Ratio Lower Upper

216 100

214 79.0 63.0 94.4

179 21.0 18.1 27.1

108 18.7 17.2 25.8

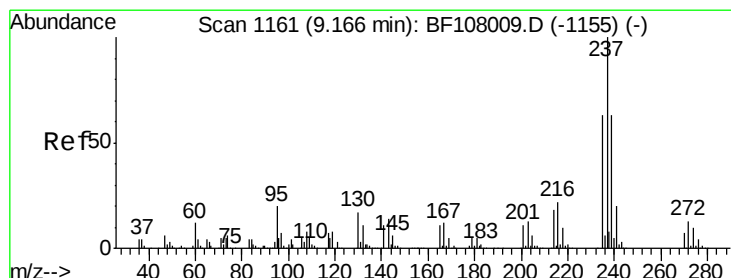
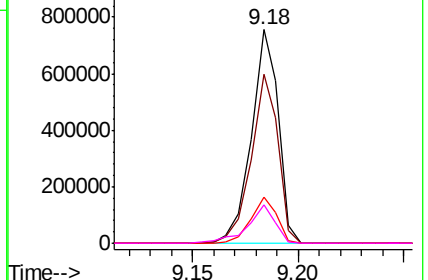
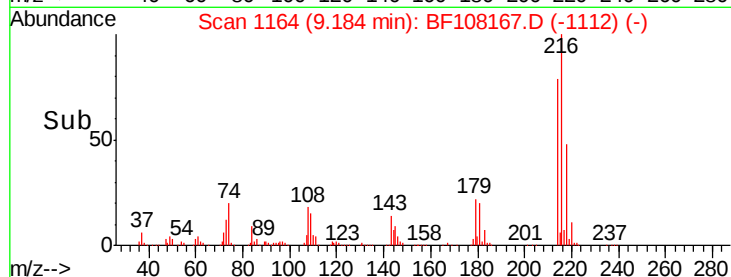


Abundance Ion 216.00 (215.70 to 216.70): E

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: 40.671 ng

RT: 9.17 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BF108167.D

Acq: 15 Aug 2018 16:01

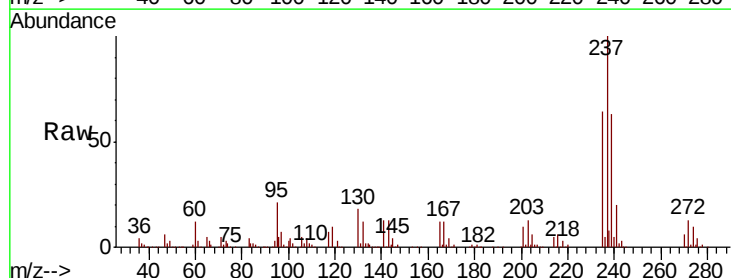
Tgt Ion:237 Resp: 418017

Ion Ratio Lower Upper

237 100

235 64.0 44.8 84.8

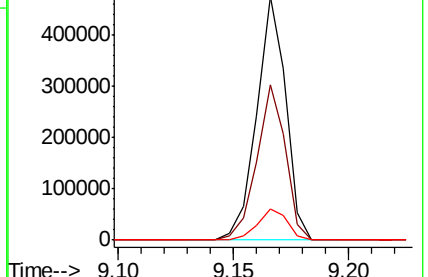
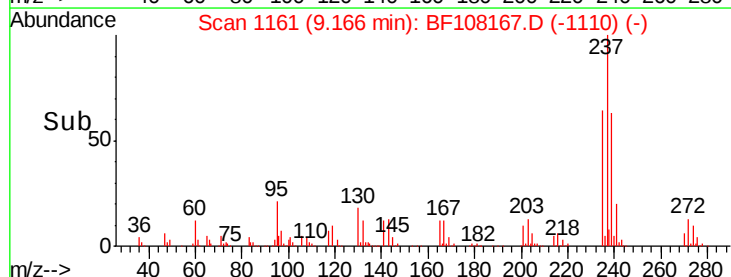
272 12.9 0.0 33.3

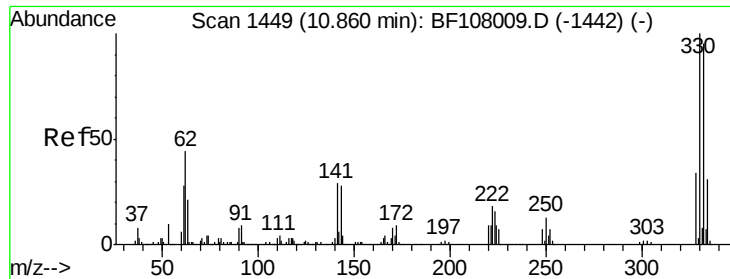


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

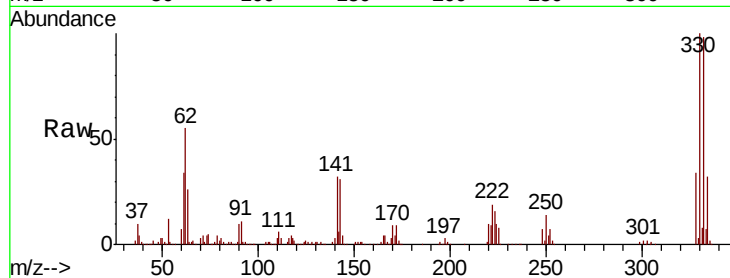




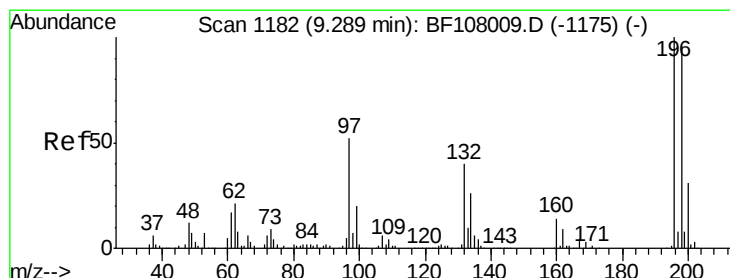
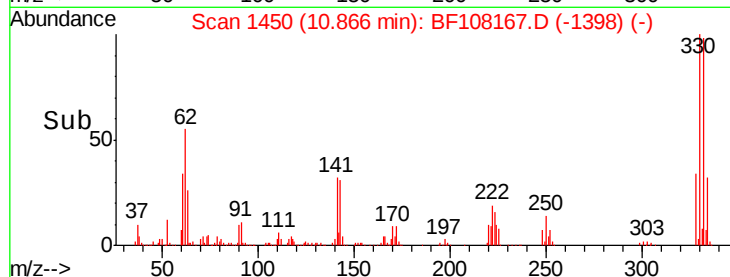
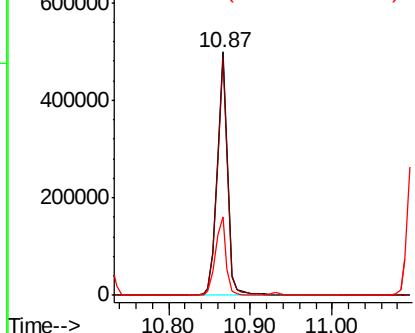
#41
 2,4,6-Tribromophenol
 Concen: 87.764 ng
 RT: 10.87 min Scan# 1450
 Delta R.T. 0.01 min
 Lab File: BF108167.D
 Acq: 15 Aug 2018 16:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	32.5	29.9	44.9

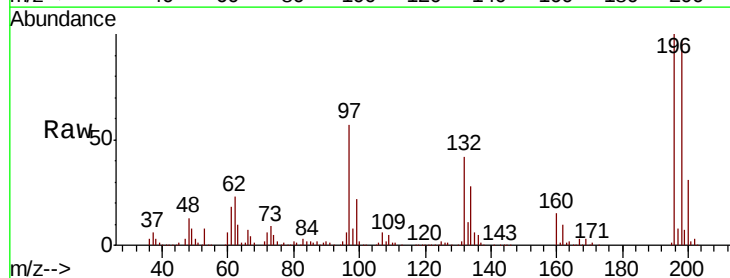


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

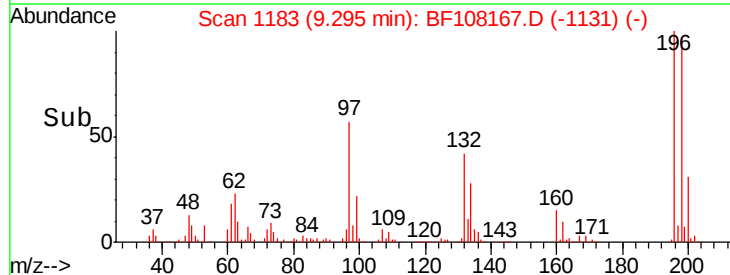
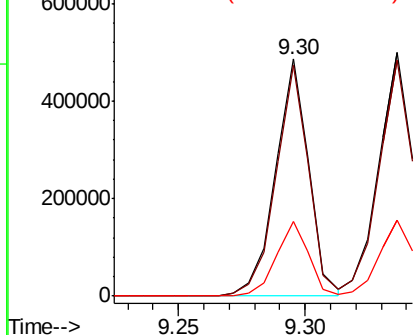


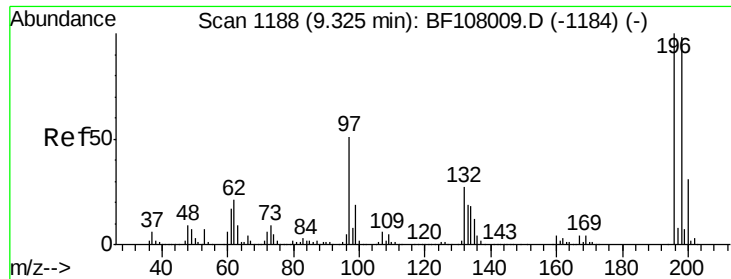
#42
 2,4,6-Trichlorophenol
 Concen: 44.943 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BF108167.D
 Acq: 15 Aug 2018 16:01

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.4	75.7	113.5
200	31.5	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

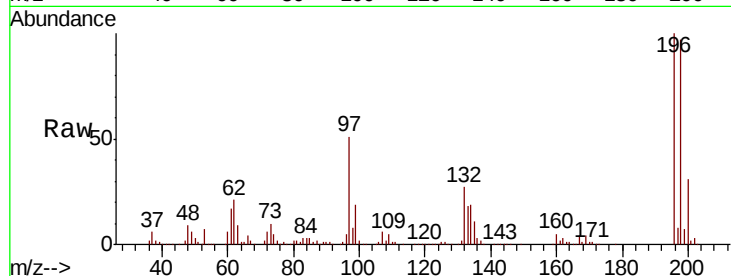




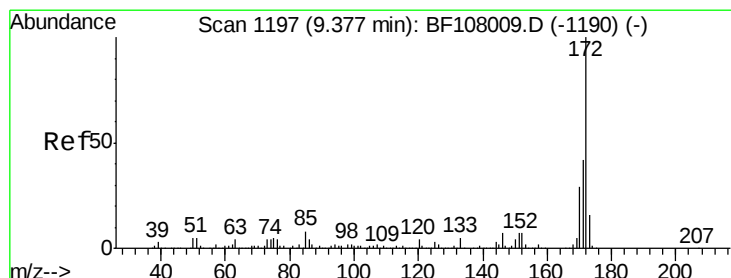
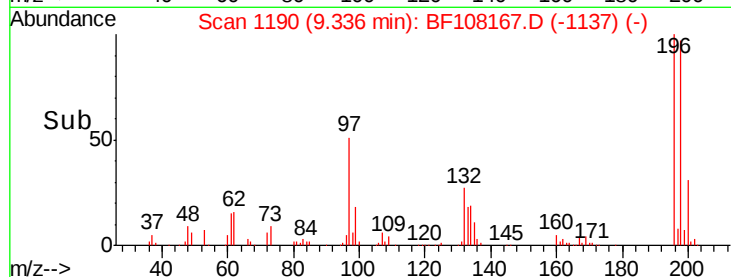
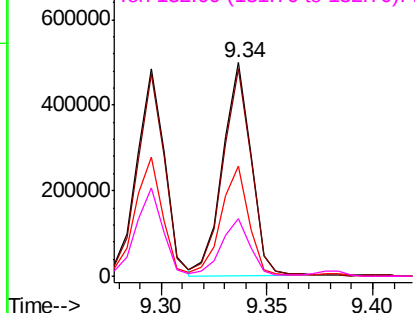
#43
 2,4,5-Trichlorophenol
 Concen: 42.951 ng
 RT: 9.34 min Scan# 1190
 Delta R.T. 0.01 min
 Lab File: BF108167.D
 Acq: 15 Aug 2018 16:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	466874
Ion	Ratio	Lower	Upper
196	100		
198	97.0	74.6	112.0
97	51.3	42.9	64.3
132	27.0	26.3	39.5

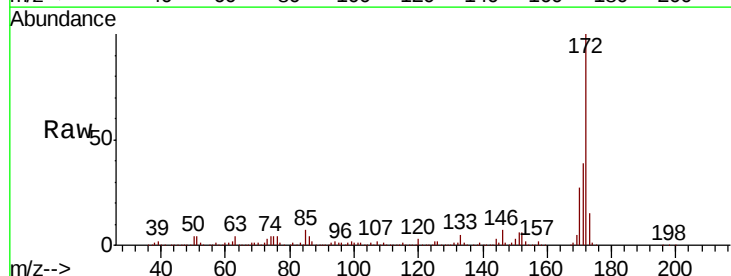


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

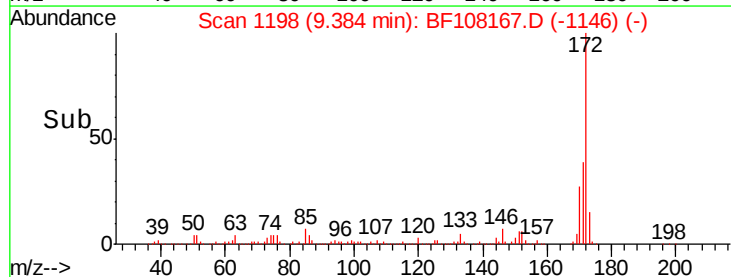
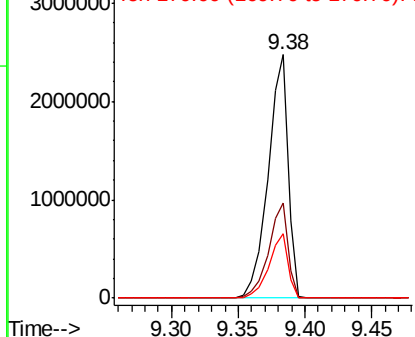


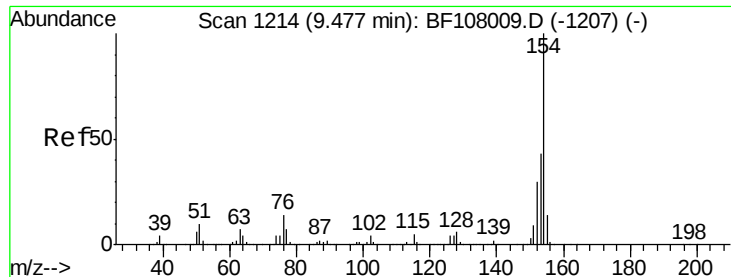
#44
 2-Fluorobiphenyl
 Concen: 79.603 ng
 RT: 9.38 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF108167.D
 Acq: 15 Aug 2018 16:01

Tgt Ion:	172	Resp:	2569181
Ion	Ratio	Lower	Upper
172	100		
171	39.1	29.7	44.5
170	26.7	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

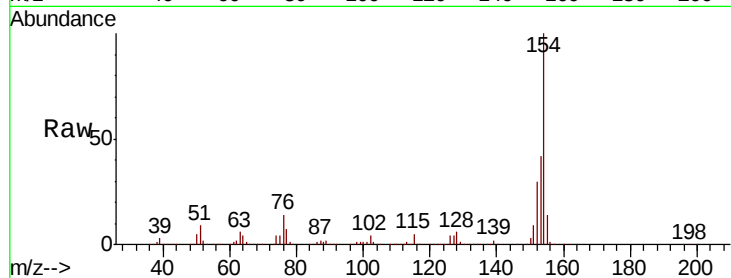




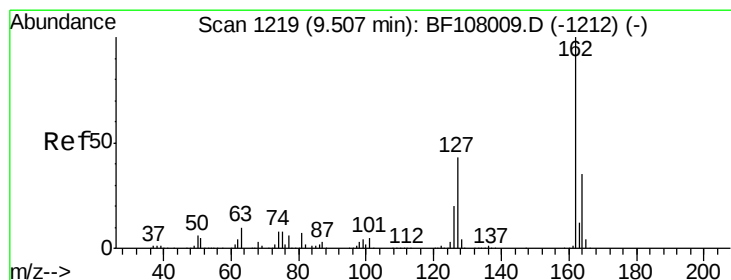
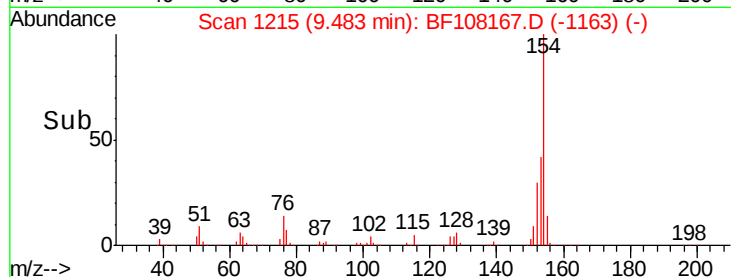
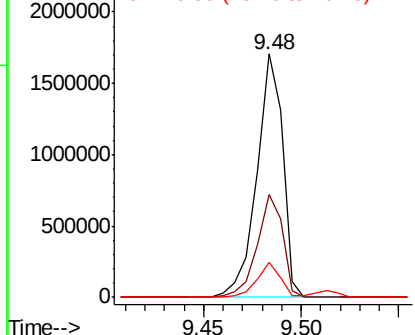
#45
 1,1'-Biphenyl
 Concen: 40.920 ng
 RT: 9.48 min Scan# 1215
 Delta R.T. 0.01 min
 Lab File: BF108167.D
 Acq: 15 Aug 2018 16:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1563325
 Ion Ratio Lower Upper
 154 100
 153 42.0 21.3 61.3
 76 14.3 0.0 34.0

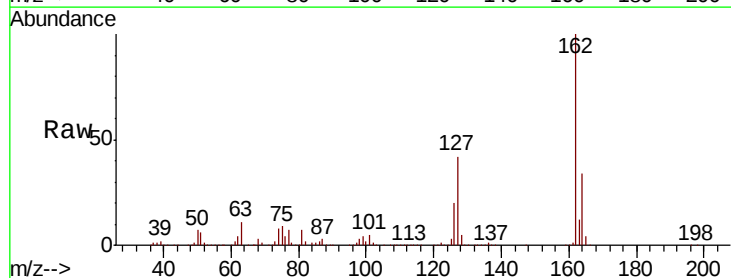


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

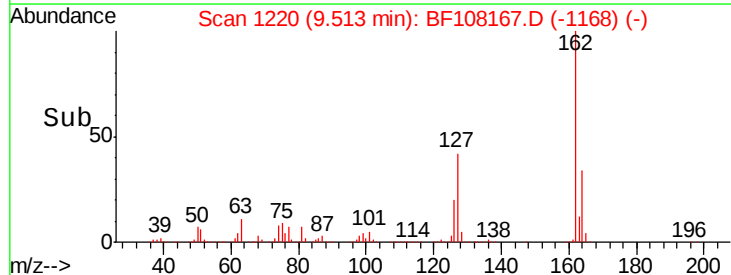
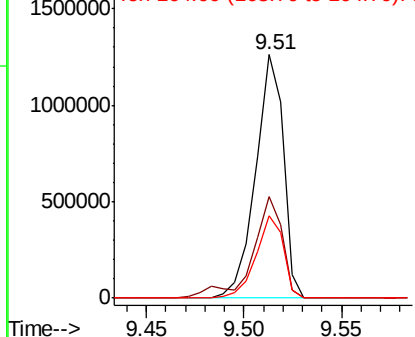


#46
 2-Chloronaphthalene
 Concen: 41.142 ng
 RT: 9.51 min Scan# 1220
 Delta R.T. 0.01 min
 Lab File: BF108167.D
 Acq: 15 Aug 2018 16:01

Tgt Ion:162 Resp: 1242287
 Ion Ratio Lower Upper
 162 100
 127 41.7 33.9 50.9
 164 33.7 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

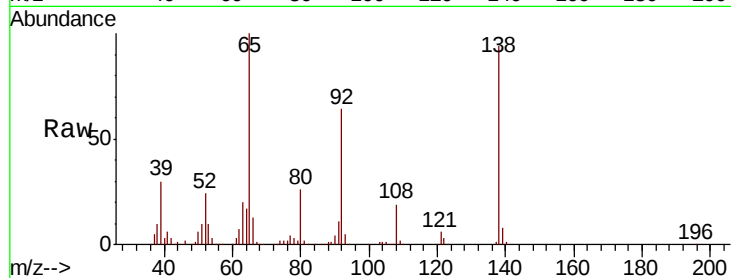




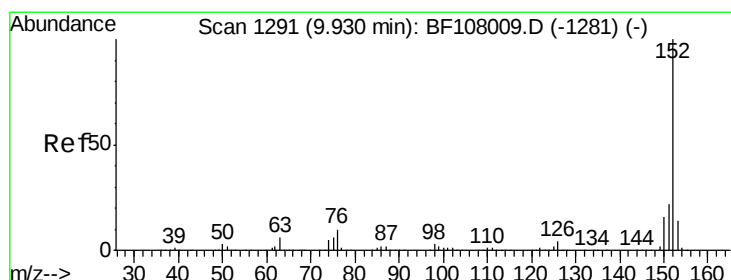
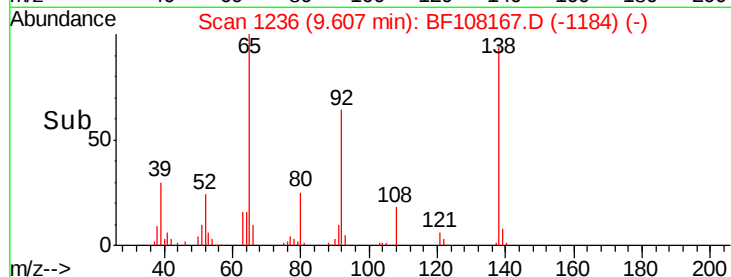
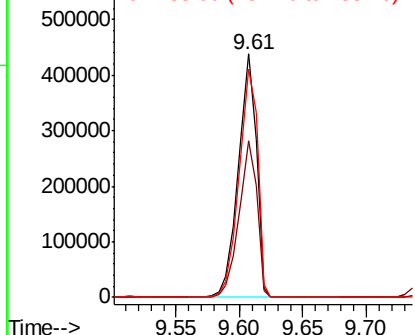
#47
2-Nitroaniline
Concen: 43.729 ng
RT: 9.61 min Scan# 1236
Delta R.T. 0.01 min
Lab File: BF108167.D
Acq: 15 Aug 2018 16:01

Instrument :
BNA_F
ClientSampled :

Tot Ion: 65 Resp: 427235
Ion Ratio Lower Upper
65 100
92 64.1 55.8 83.6
138 93.9 91.2 136.8

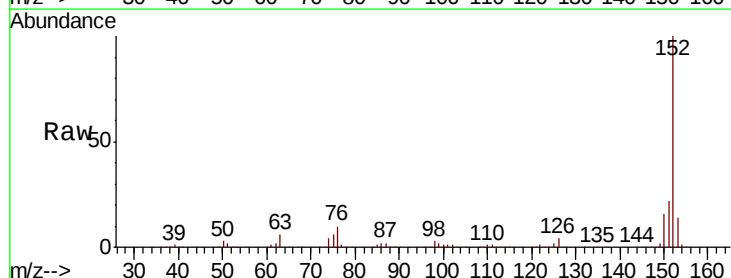


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

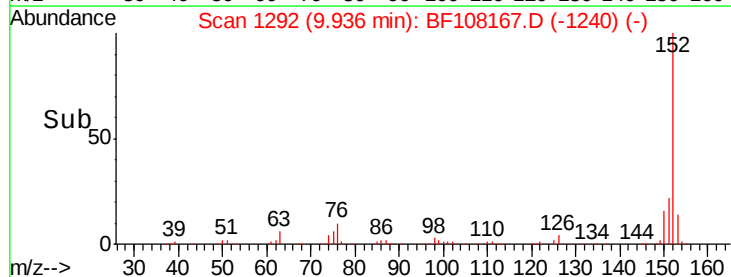
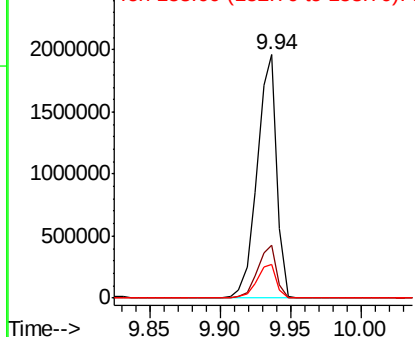


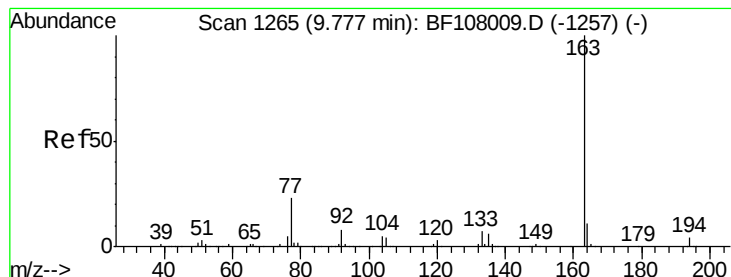
#48
Acenaphthylene
Concen: 40.235 ng
RT: 9.94 min Scan# 1292
Delta R.T. 0.01 min
Lab File: BF108167.D
Acq: 15 Aug 2018 16:01

Tgt Ion: 152 Resp: 1920667
Ion Ratio Lower Upper
152 100
151 21.9 16.3 24.5
153 14.0 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): BF1
Ion 151.00 (150.70 to 151.70): BF1
Ion 153.00 (152.70 to 153.70): BF1





#49

Dimethylphthalate

Concen: 40.469 ng

RT: 9.78 min Scan# 1266

Delta R.T. 0.01 min

Lab File: BF108167.D

Acq: 15 Aug 2018 16:01

Instrument :

BNA_F

ClientSampleId :

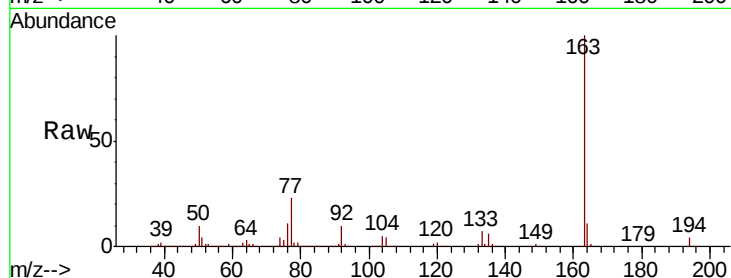
Tot Ion:163 Resp: 1460696

Ion Ratio Lower Upper

163 100

194 4.2 2.7 4.1#

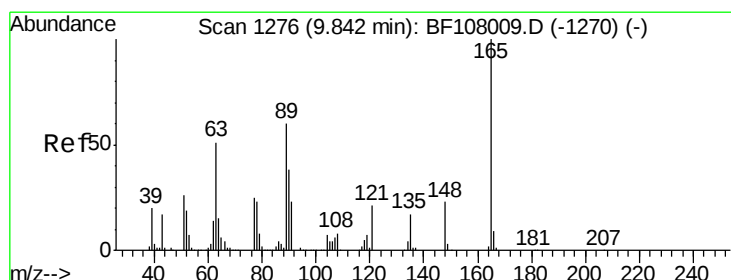
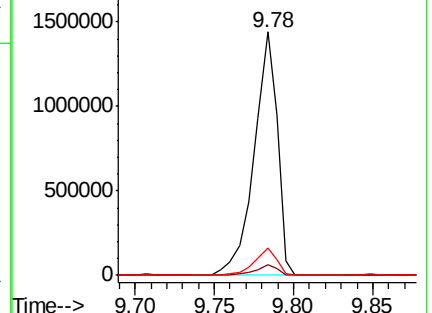
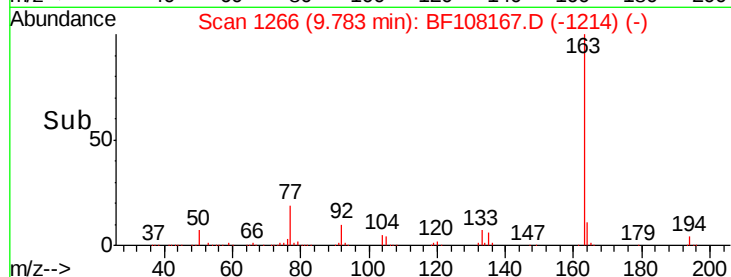
164 11.1 8.2 12.2



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: 43.342 ng

RT: 9.85 min Scan# 1277

Delta R.T. 0.01 min

Lab File: BF108167.D

Acq: 15 Aug 2018 16:01

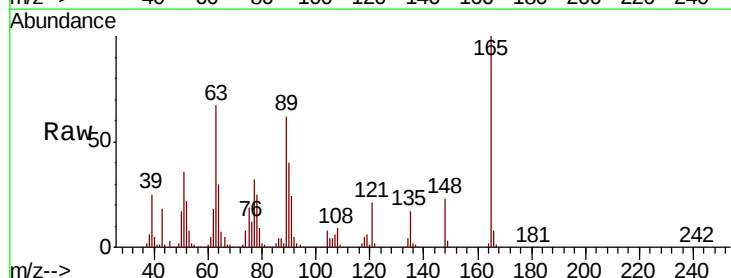
Tgt Ion:165 Resp: 327302

Ion Ratio Lower Upper

165 100

63 67.5 44.7 67.1#

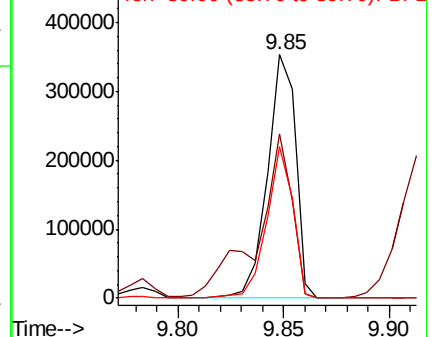
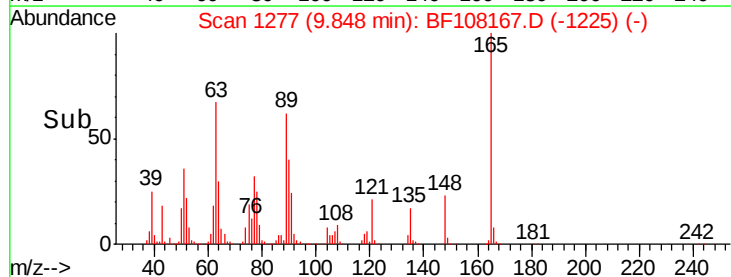
89 62.3 44.0 66.0



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 40.719 ng

RT: 10.11 min Scan# 1321

Delta R.T. 0.01 min

Lab File: BF108167.D

Acq: 15 Aug 2018 16:01

Instrument :

BNA_F

ClientSampleId :

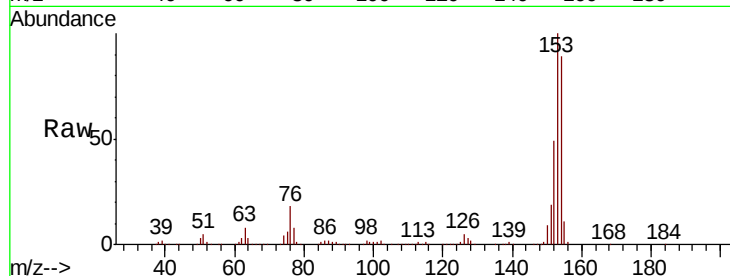
Tot Ion:154 Resp: 1190548

Ion Ratio Lower Upper

154 100

153 112.8 91.2 136.8

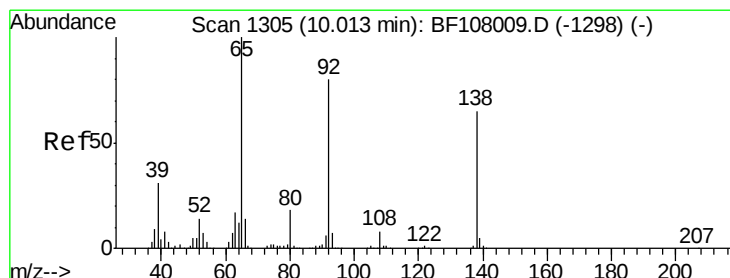
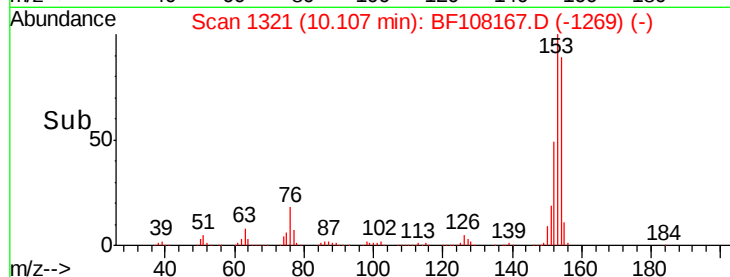
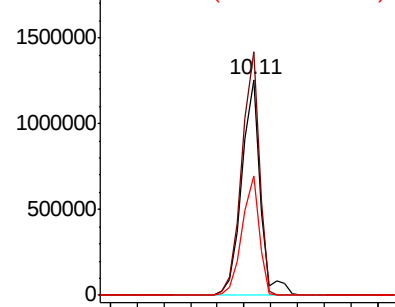
152 55.5 43.8 65.8



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: 41.324 ng

RT: 10.02 min Scan# 1307

Delta R.T. 0.01 min

Lab File: BF108167.D

Acq: 15 Aug 2018 16:01

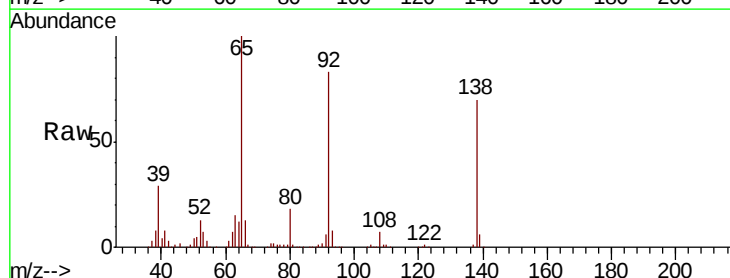
Tgt Ion:138 Resp: 341436

Ion Ratio Lower Upper

138 100

108 10.1 9.4 14.0

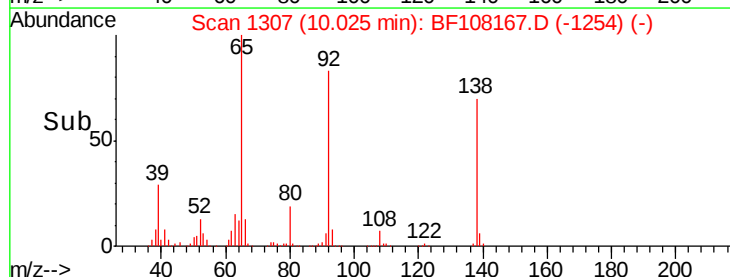
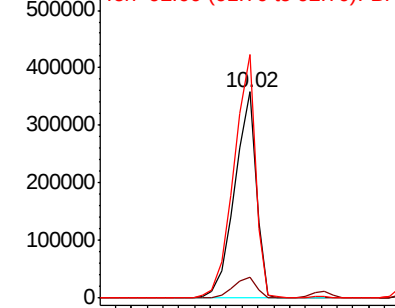
92 118.0 89.4 134.2

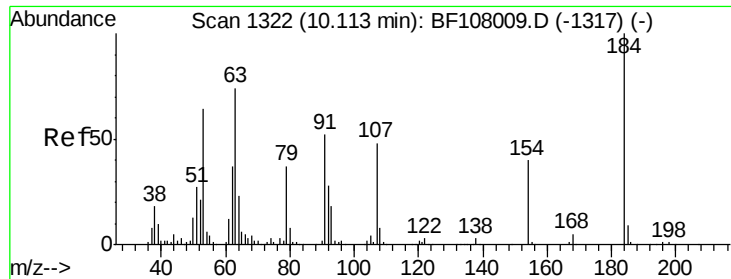


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

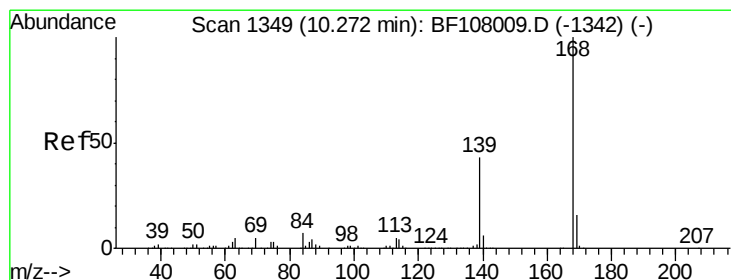
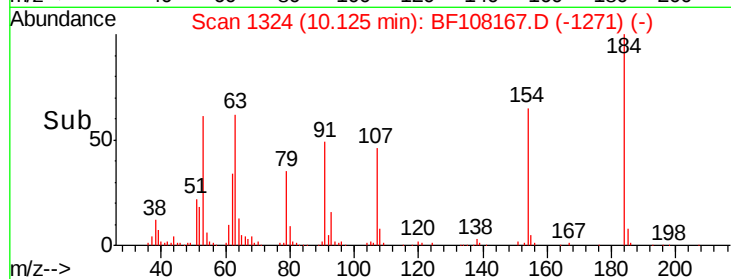
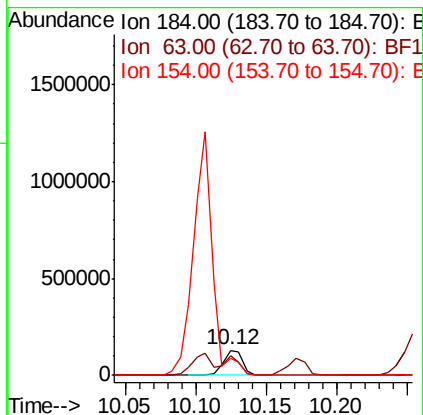
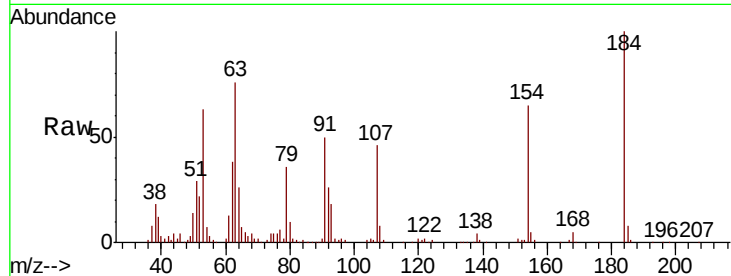




#53
2,4-Dinitrophenol
Concen: 46.893 ng
RT: 10.12 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF108167.D
Acq: 15 Aug 2018 16:01

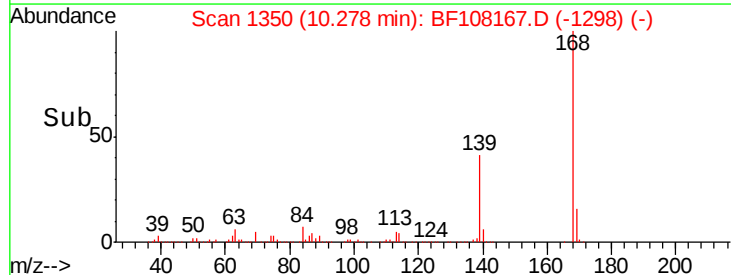
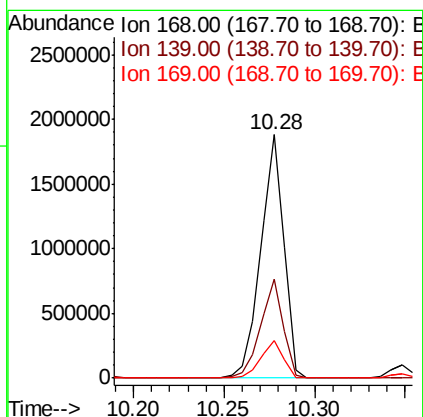
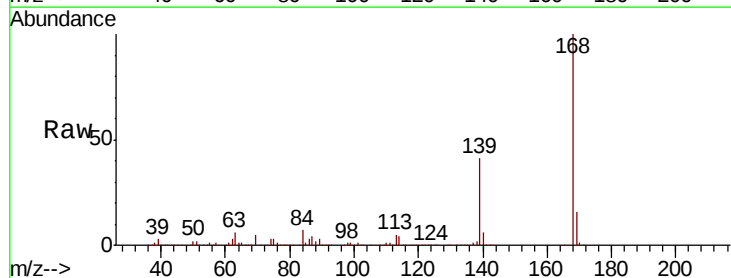
Instrument :
BNA_F
ClientSampleId :

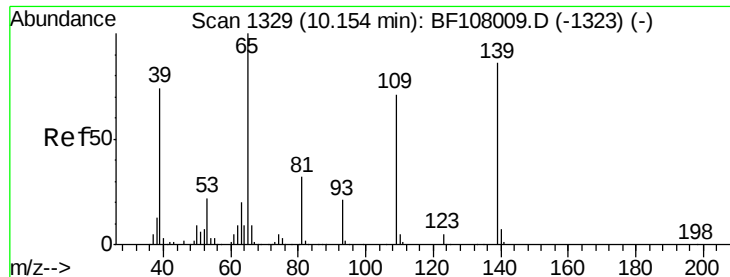
Tot Ion:184 Resp: 123524
Ion Ratio Lower Upper
184 100
63 76.4 54.2 81.2
154 65.4 184.0 276.0#



#54
Dibenzofuran
Concen: 39.574 ng
RT: 10.28 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF108167.D
Acq: 15 Aug 2018 16:01

Tgt Ion:168 Resp: 1676358
Ion Ratio Lower Upper
168 100
139 40.7 30.1 45.1
169 15.5 10.9 16.3

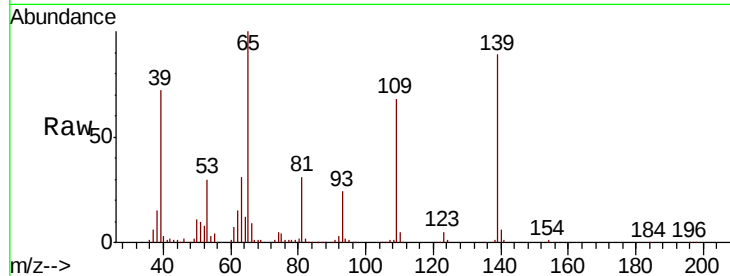




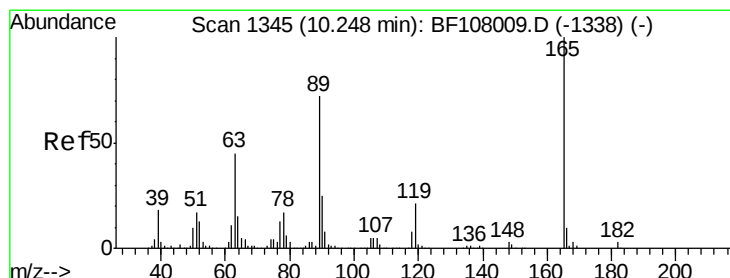
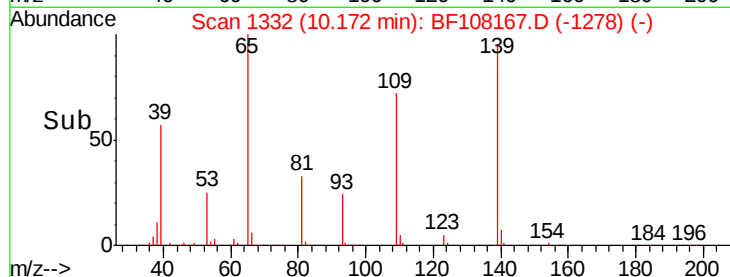
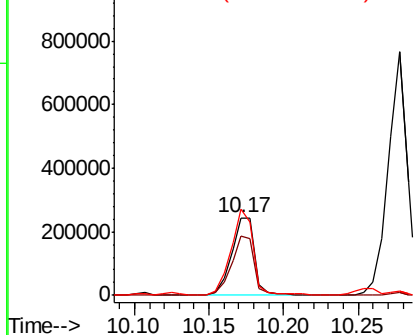
#55
4-Nitrophenol
Concen: 43.005 ng
RT: 10.17 min Scan# 1332
Delta R.T. 0.02 min
Lab File: BF108167.D
Acq: 15 Aug 2018 16:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 269074
Ion Ratio Lower Upper
139 100
109 76.3 48.4 88.4
65 112.1 72.6 112.6

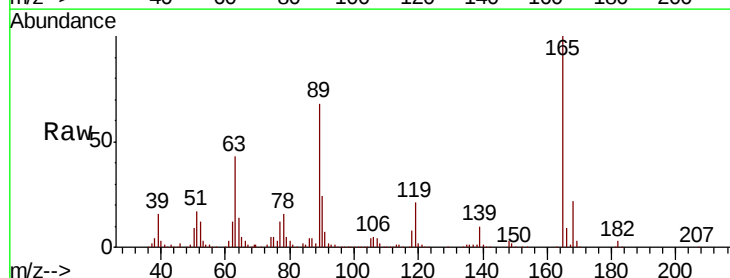


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

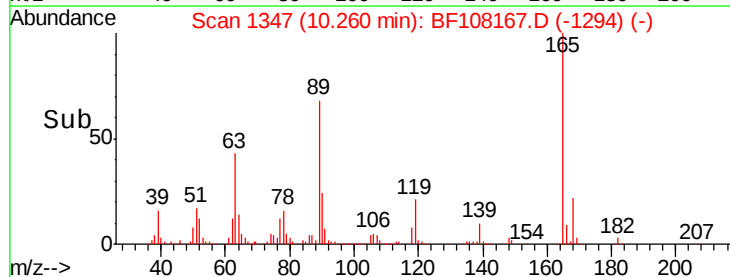
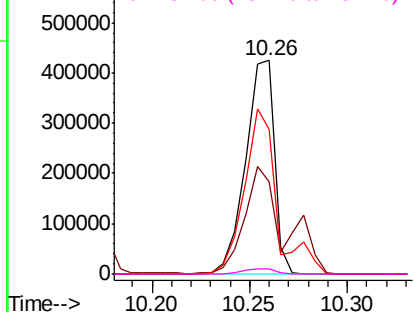


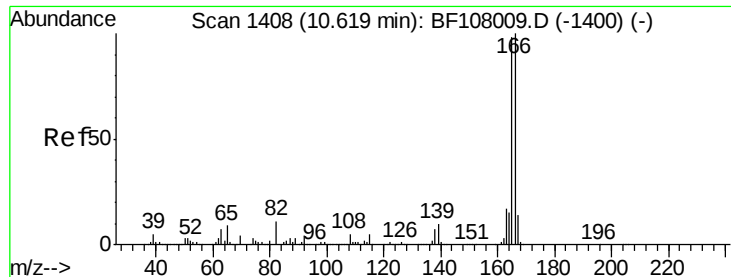
#56
2,4-Dinitrotoluene
Concen: 44.810 ng
RT: 10.26 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BF108167.D
Acq: 15 Aug 2018 16:01

Tgt Ion:165 Resp: 435569
Ion Ratio Lower Upper
165 100
63 42.9 36.4 54.6
89 67.6 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: 39.868 ng

RT: 10.62 min Scan# 1409

Delta R.T. 0.01 min

Lab File: BF108167.D

Acq: 15 Aug 2018 16:01

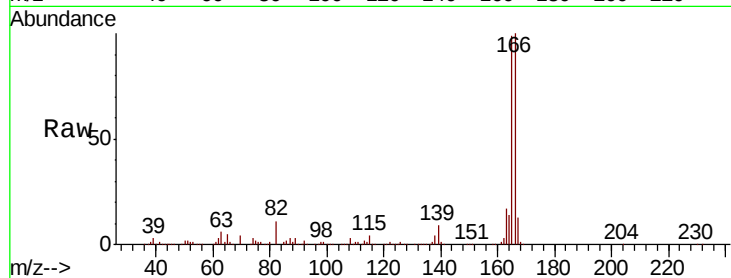
Instrument :

BNA_F

ClientSampleId :

Tot Ion:166 Resp: 1336873

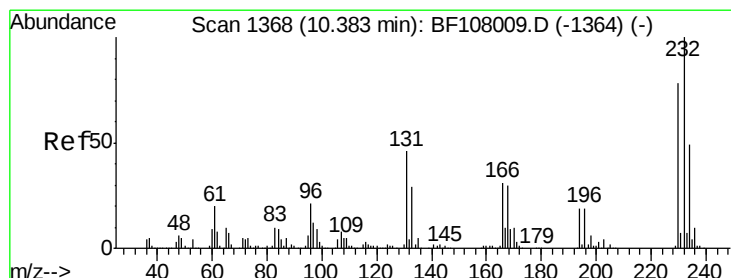
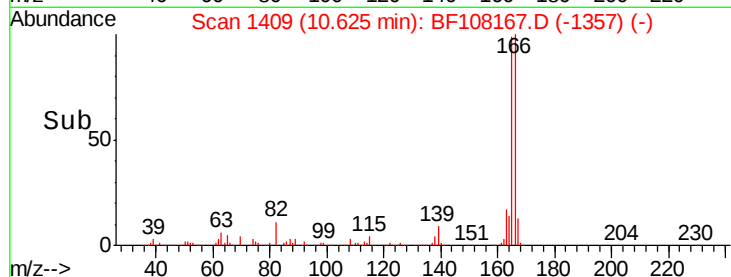
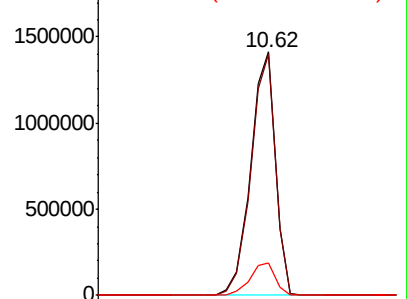
Ion	Ratio	Lower	Upper
166	100		
165	99.2	79.8	119.8
167	13.5	10.6	16.0



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: 43.744 ng

RT: 10.40 min Scan# 1370

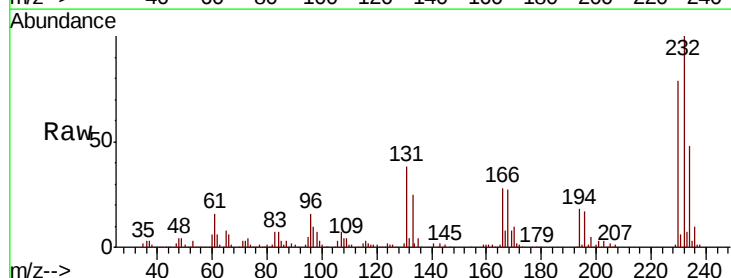
Delta R.T. 0.01 min

Lab File: BF108167.D

Acq: 15 Aug 2018 16:01

Tgt Ion:232 Resp: 397426

Ion	Ratio	Lower	Upper
232	100		
131	43.4	43.8	65.8#
130	2.2	2.1	3.1
166	29.8	27.8	41.6

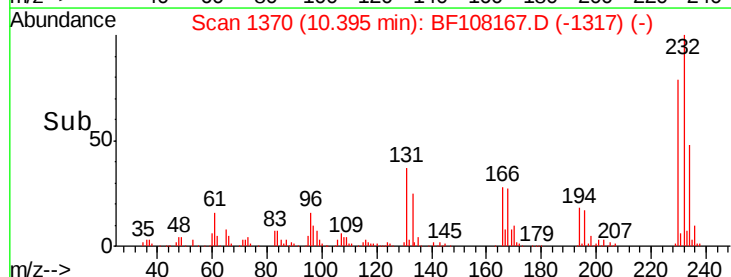
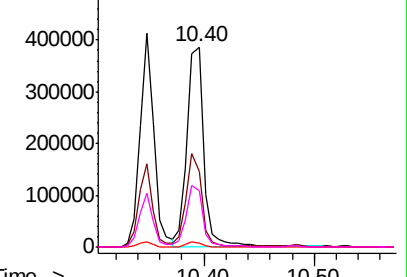


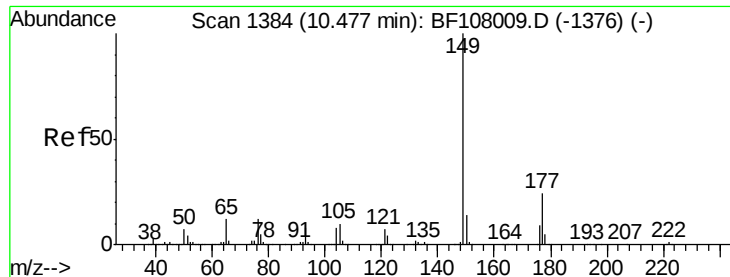
Abundance Ion 232.00 (231.70 to 232.70): E

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: 39.796 ng

RT: 10.48 min Scan# 1385

Delta R.T. 0.01 min

Lab File: BF108167.D

Acq: 15 Aug 2018 16:01

Instrument :

BNA_F

ClientSampleId :

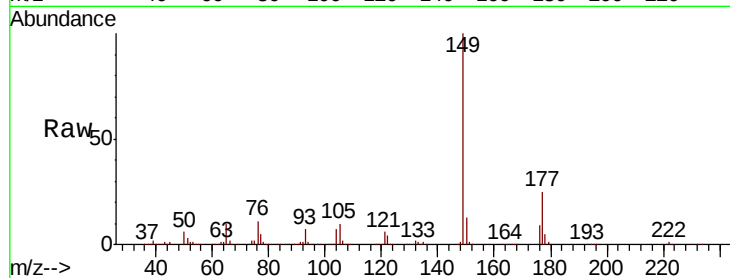
Tot Ion:149 Resp: 1390924

Ion Ratio Lower Upper

149 100

177 24.5 16.1 24.1#

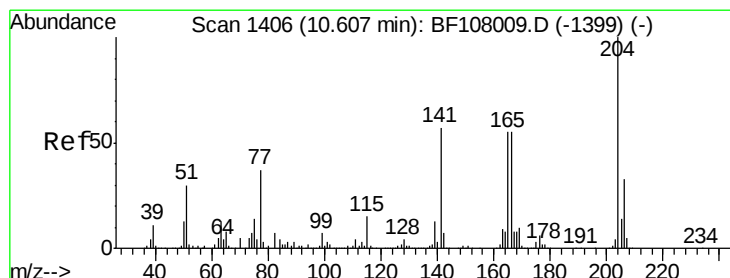
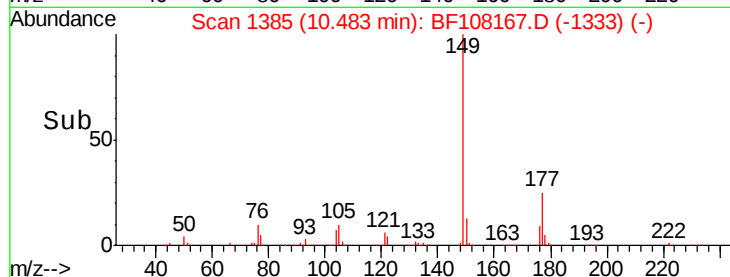
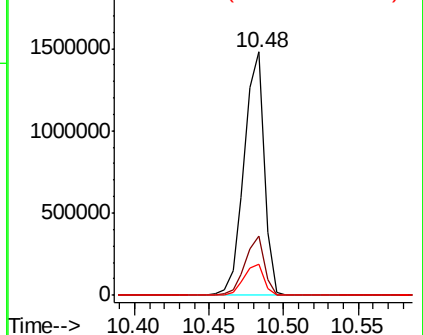
150 13.1 10.1 15.1



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: 39.666 ng

RT: 10.61 min Scan# 1406

Delta R.T. 0.00 min

Lab File: BF108167.D

Acq: 15 Aug 2018 16:01

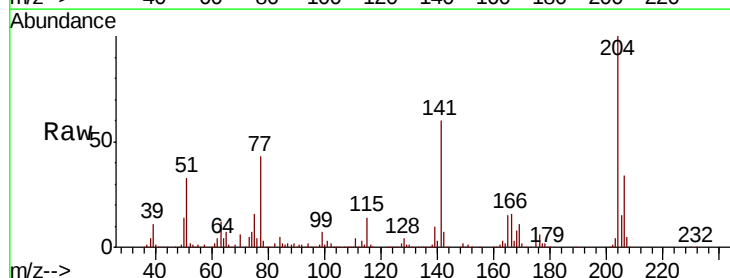
Tgt Ion:204 Resp: 693079

Ion Ratio Lower Upper

204 100

206 34.1 26.5 39.7

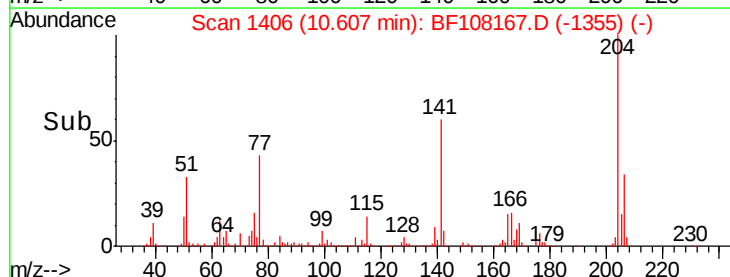
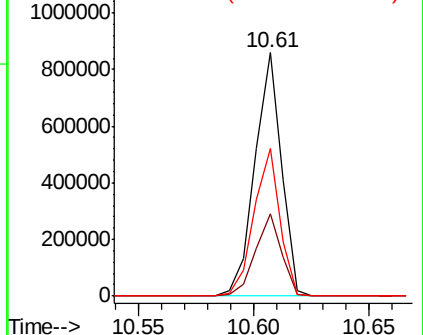
141 60.5 54.6 81.8

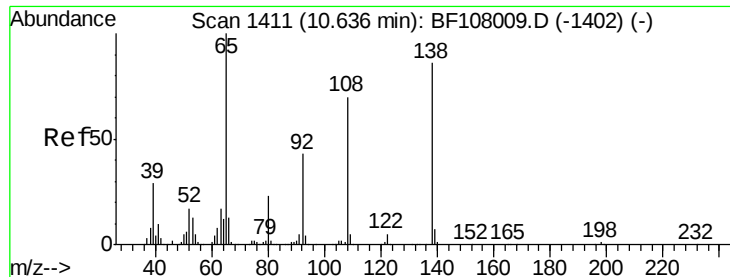


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

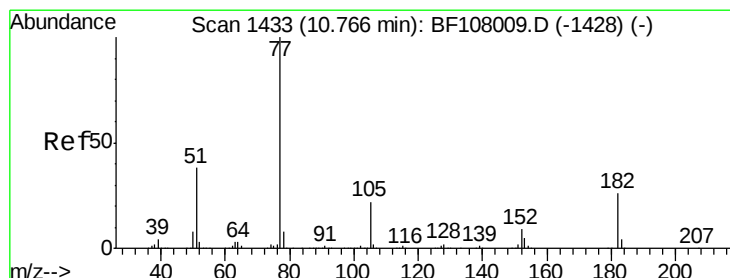
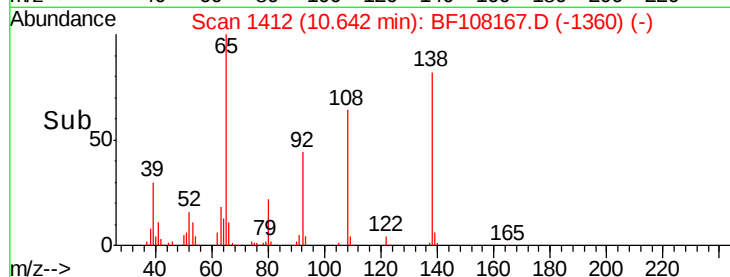
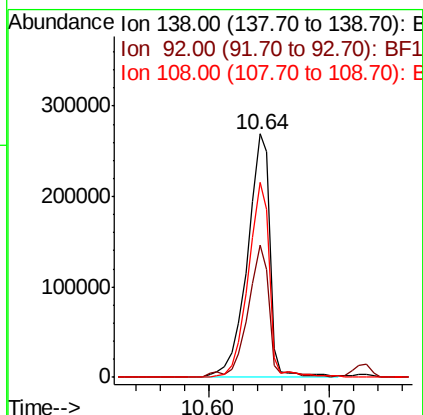
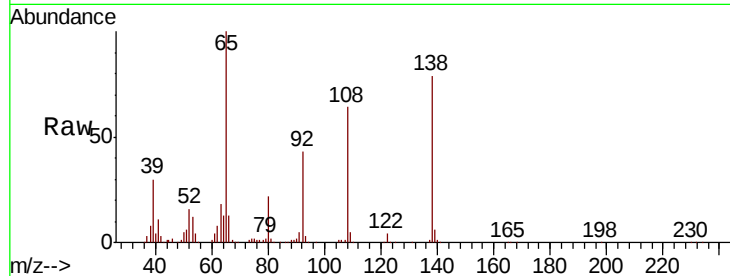




#61
4-Nitroaniline
Concen: 43.234 ng
RT: 10.64 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF108167.D
Acq: 15 Aug 2018 16:01

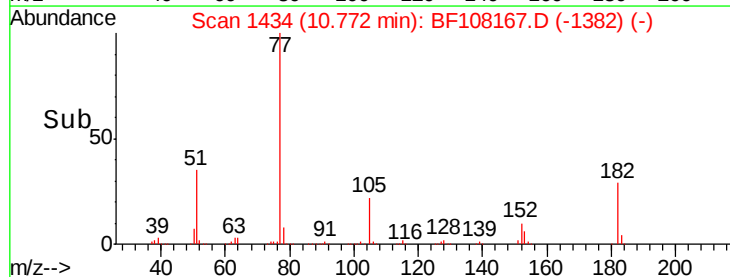
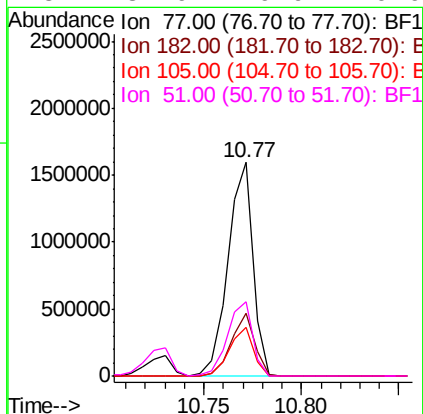
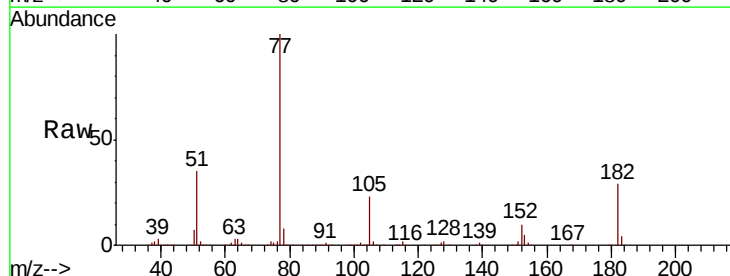
Instrument :
BNA_F
ClientSampled :

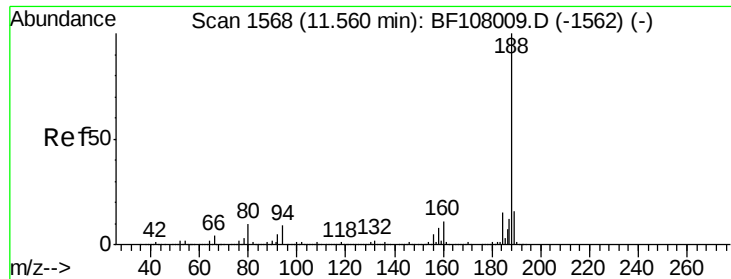
Tot Ion:138 Resp: 353174
Ion Ratio Lower Upper
138 100
92 54.3 30.2 70.2
108 80.2 52.5 92.5



#62
Azobenzene
Concen: 39.099 ng
RT: 10.77 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BF108167.D
Acq: 15 Aug 2018 16:01

Tgt Ion: 77 Resp: 1411293
Ion Ratio Lower Upper
77 100
182 29.2 1.7 41.7
105 22.7 3.0 43.0
51 34.9 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.57 min Scan# 1569

Delta R.T. 0.01 min

Lab File: BF108167.D

Acq: 15 Aug 2018 16:01

Instrument :

BNA_F

ClientSampled :

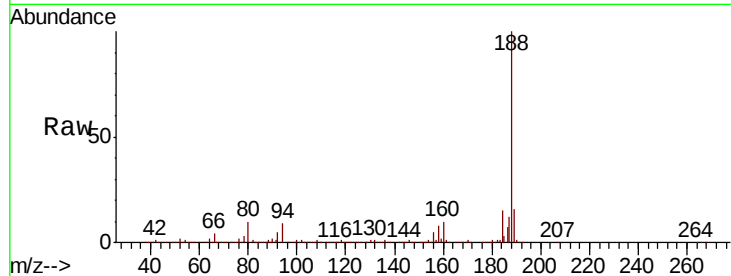
Tot Ion:188 Resp: 1011463

Ion Ratio Lower Upper

188 100

94 8.8 8.5 12.7

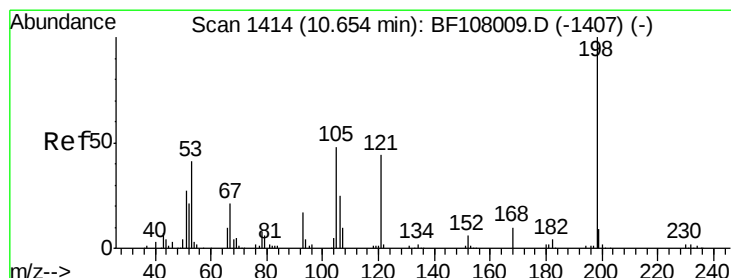
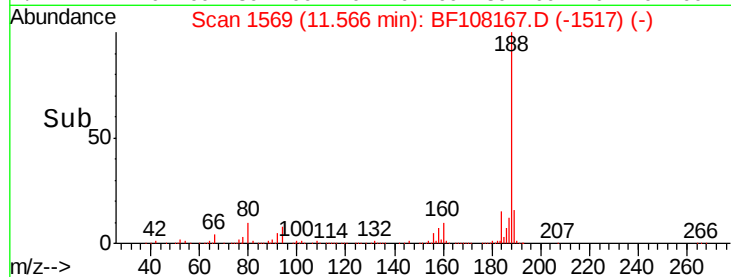
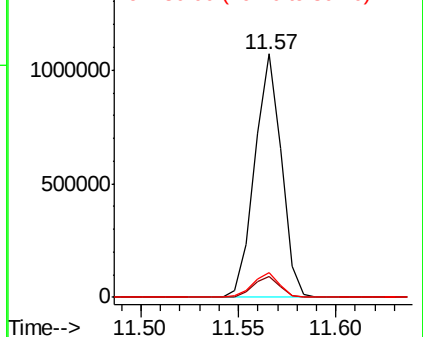
80 10.1 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 45.628 ng

RT: 10.67 min Scan# 1417

Delta R.T. 0.02 min

Lab File: BF108167.D

Acq: 15 Aug 2018 16:01

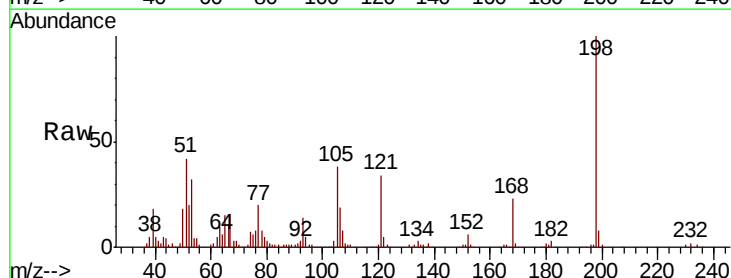
Tgt Ion:198 Resp: 172137

Ion Ratio Lower Upper

198 100

51 42.0 37.7 77.7

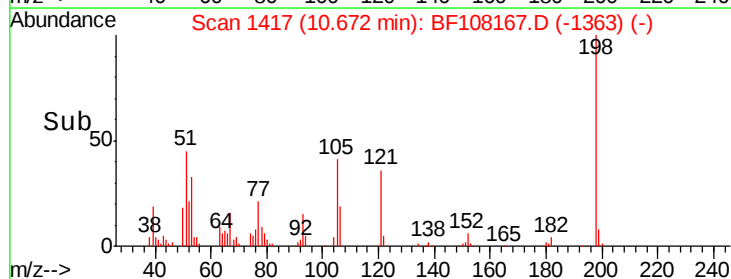
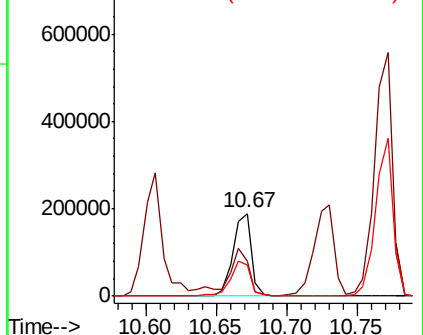
105 38.4 36.3 76.3

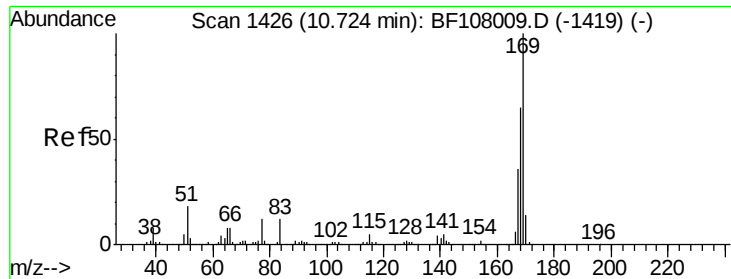


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

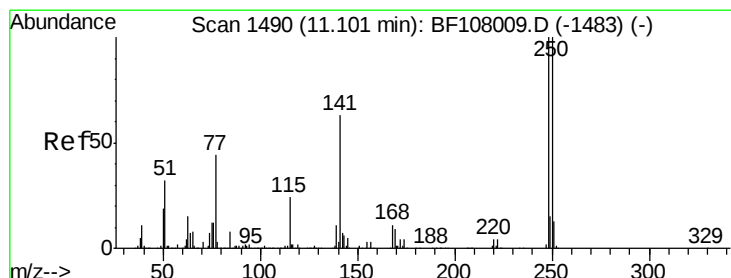
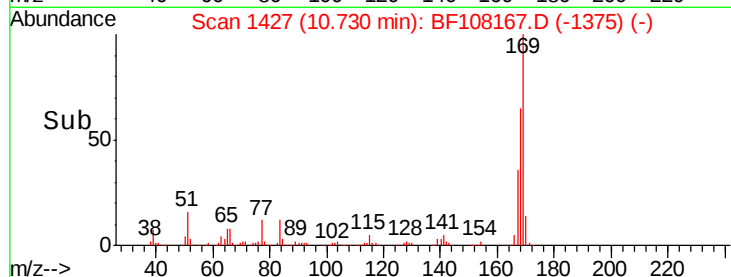
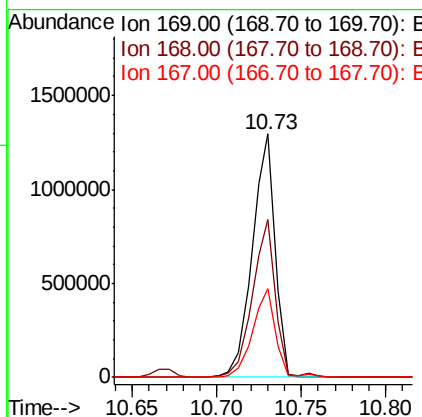
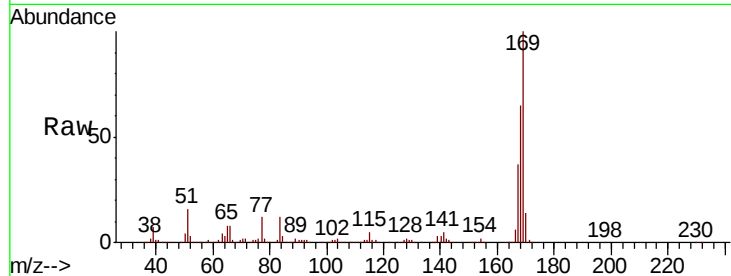




#65
 n-Nitrosodiphenylamine
 Concen: 40.893 ng
 RT: 10.73 min Scan# 1427
 Delta R.T. 0.01 min
 Lab File: BF108167.D
 Acq: 15 Aug 2018 16:01

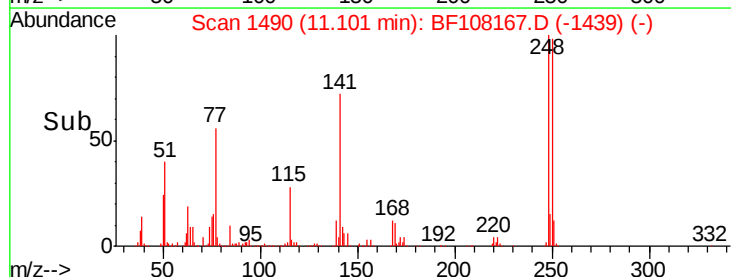
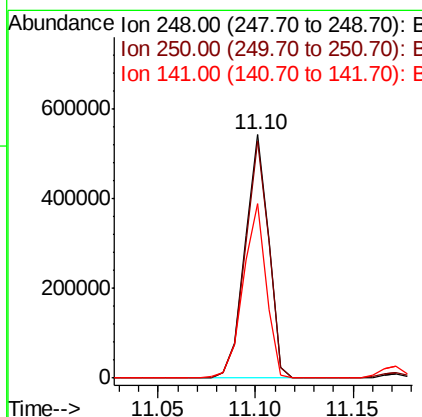
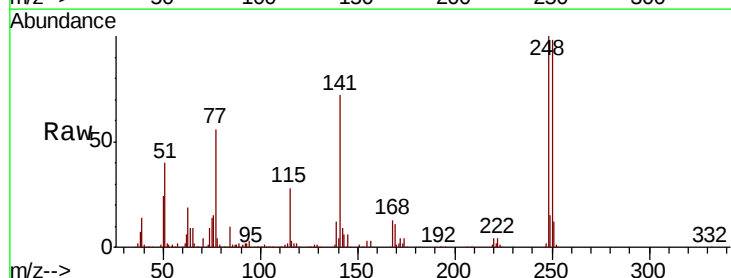
Instrument :
 BNA_F
 ClientSampleId :

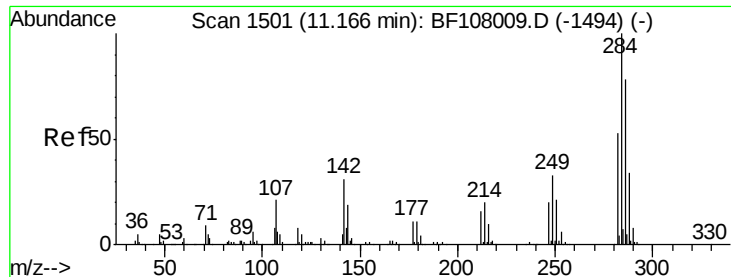
Tot Ion:169 Resp: 1222284
 Ion Ratio Lower Upper
 169 100
 168 65.1 54.4 81.6
 167 36.5 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 41.165 ng
 RT: 11.10 min Scan# 1490
 Delta R.T. 0.00 min
 Lab File: BF108167.D
 Acq: 15 Aug 2018 16:01

Tgt Ion:248 Resp: 452478
 Ion Ratio Lower Upper
 248 100
 250 97.7 76.9 115.3
 141 71.8 74.4 111.6#

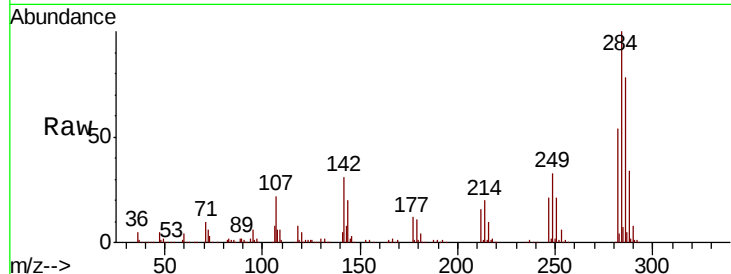




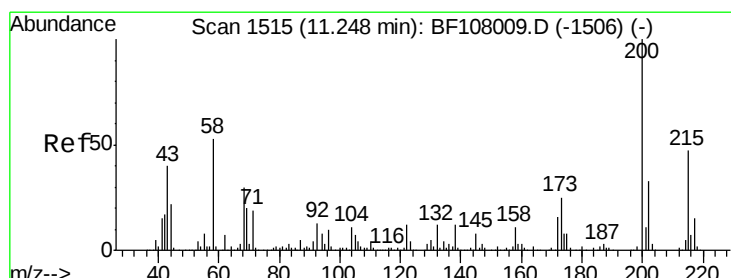
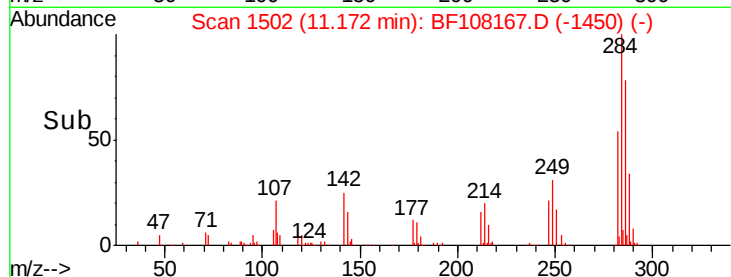
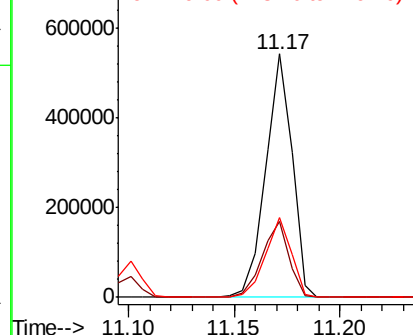
#67
Hexachlorobenzene
Concen: 40.946 ng
RT: 11.17 min Scan# 1502
Delta R.T. 0.01 min
Lab File: BF108167.D
Acq: 15 Aug 2018 16:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	31.2	34.6	52.0#
249	33.0	24.8	37.2

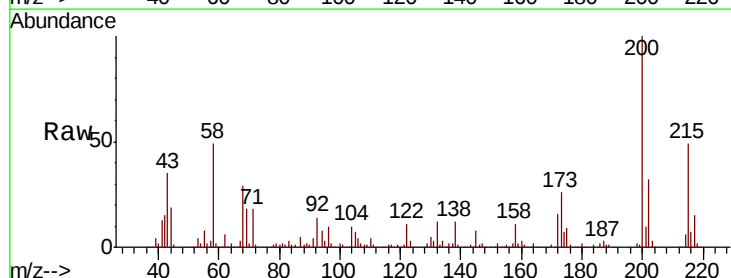


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

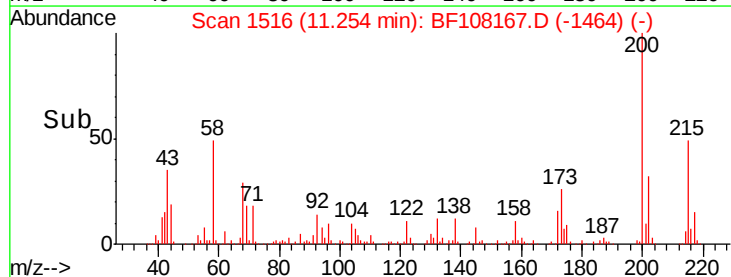
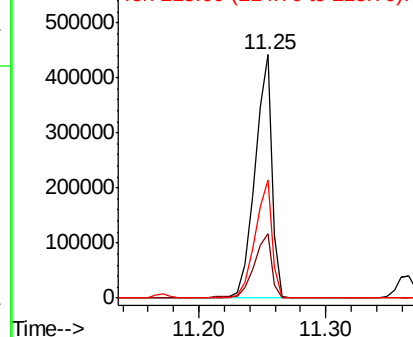


#68
Atrazine
Concen: 41.267 ng
RT: 11.25 min Scan# 1516
Delta R.T. 0.01 min
Lab File: BF108167.D
Acq: 15 Aug 2018 16:01

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.2	8.6	48.6
215	48.7	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: 42.121 ng

RT: 11.37 min Scan# 1535

Delta R.T. 0.01 min

Lab File: BF108167.D

Acq: 15 Aug 2018 16:01

Instrument :

BNA_F

ClientSampleId :

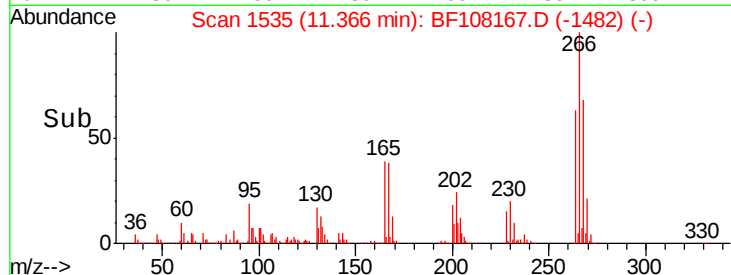
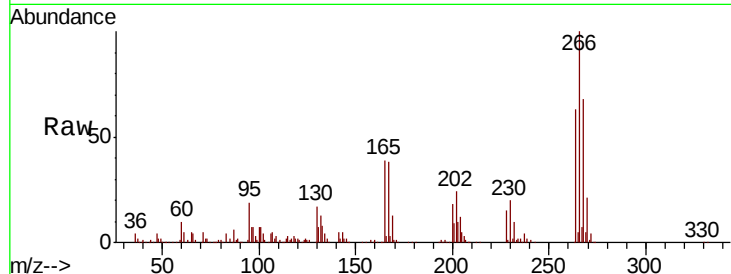
Tot Ion:266 Resp: 233168

Ion Ratio Lower Upper

266 100

268 67.7 51.1 76.7

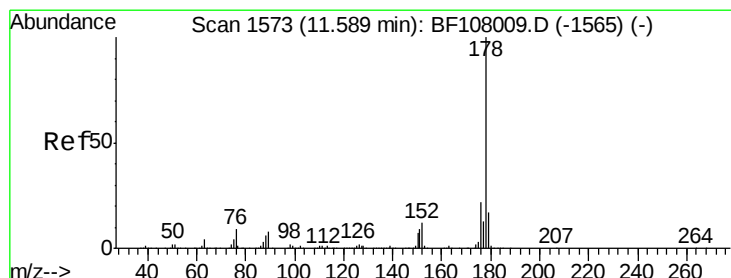
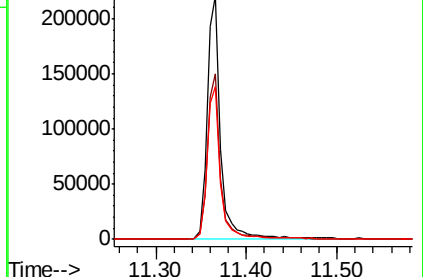
264 62.5 49.5 74.3



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 39.528 ng

RT: 11.60 min Scan# 1574

Delta R.T. 0.01 min

Lab File: BF108167.D

Acq: 15 Aug 2018 16:01

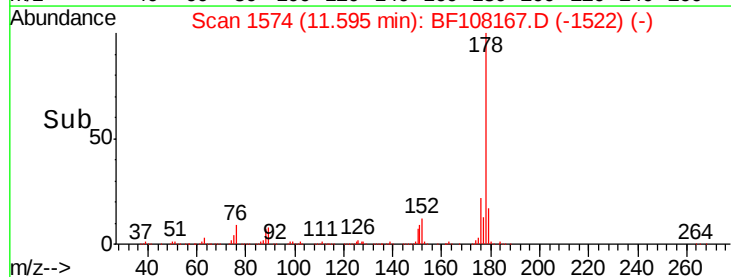
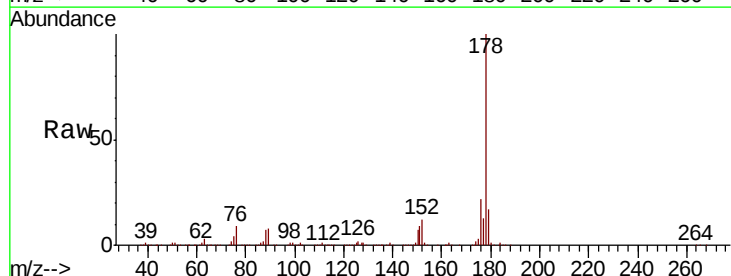
Tgt Ion:178 Resp: 1885756

Ion Ratio Lower Upper

178 100

176 21.6 15.8 23.8

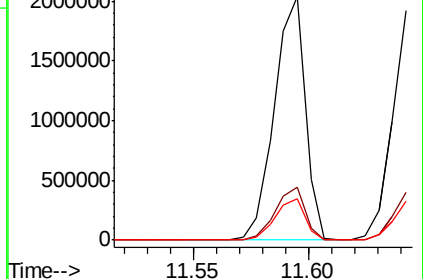
179 16.9 13.0 19.6

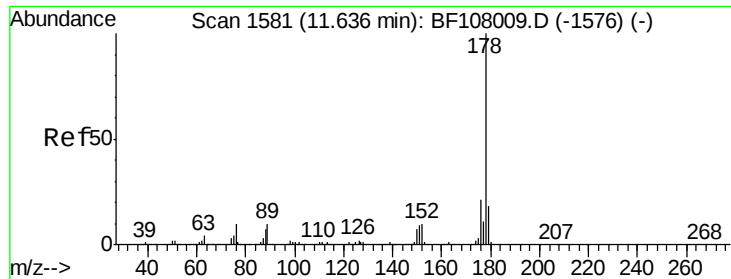


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

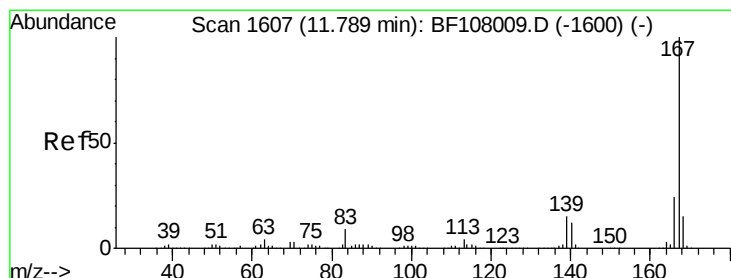
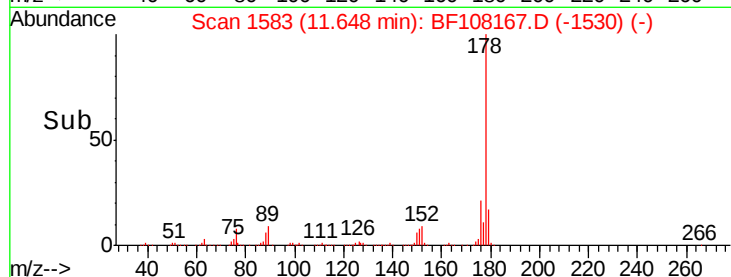
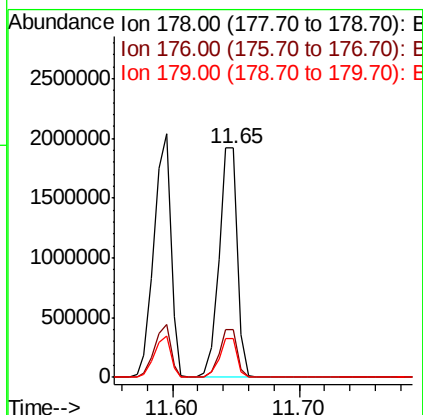
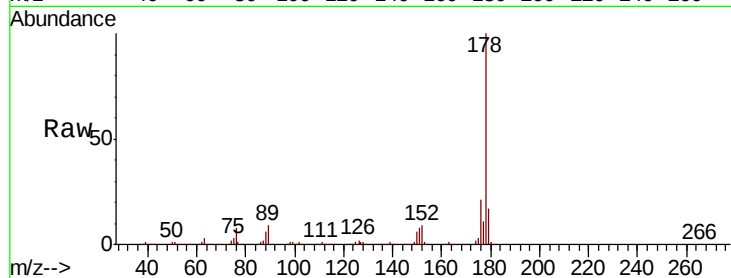




#71
 Anthracene
 Concen: 39.712 ng
 RT: 11.65 min Scan# 1583
 Delta R.T. 0.01 min
 Lab File: BF108167.D
 Acq: 15 Aug 2018 16:01

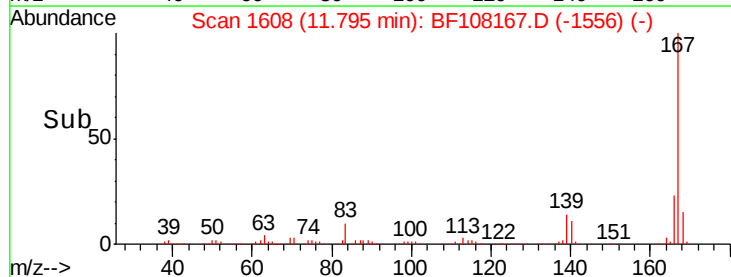
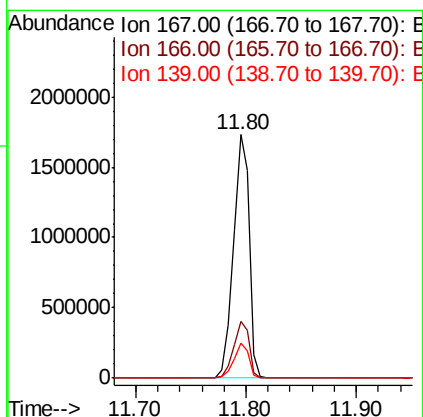
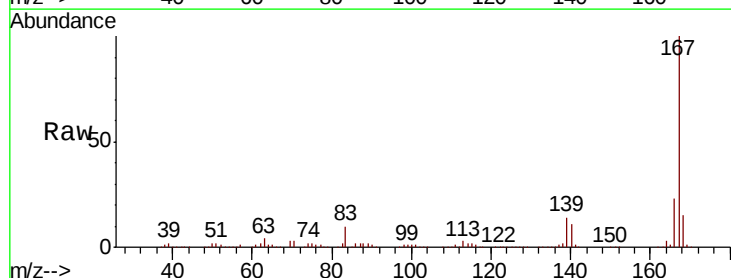
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 1941771
 Ion Ratio Lower Upper
 178 100
 176 20.7 15.4 23.2
 179 16.7 12.6 19.0



#72
 Carbazole
 Concen: 39.931 ng
 RT: 11.80 min Scan# 1608
 Delta R.T. 0.01 min
 Lab File: BF108167.D
 Acq: 15 Aug 2018 16:01

Tgt Ion:167 Resp: 1734725
 Ion Ratio Lower Upper
 167 100
 166 23.2 17.6 26.4
 139 14.4 10.9 16.3





#73

Di-n-butylphthalate

Concen: 41.535 ng

RT: 12.11 min Scan# 1662

Delta R.T. 0.00 min

Lab File: BF108167.D

Acq: 15 Aug 2018 16:01

Instrument :

BNA_F

ClientSampleId :

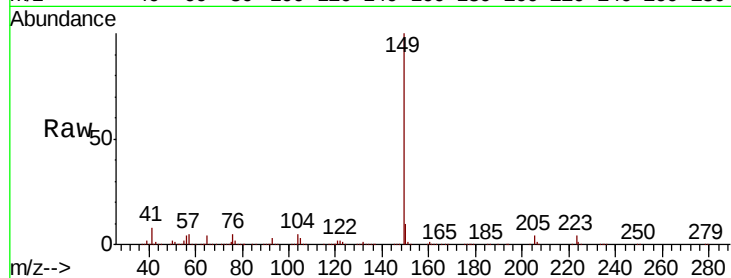
Tot Ion:149 Resp: 2043812

Ion Ratio Lower Upper

149 100

150 10.4 7.8 11.6

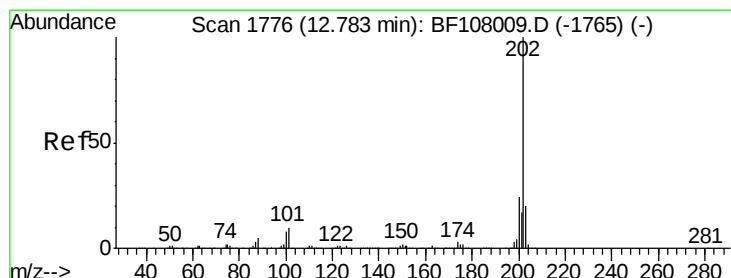
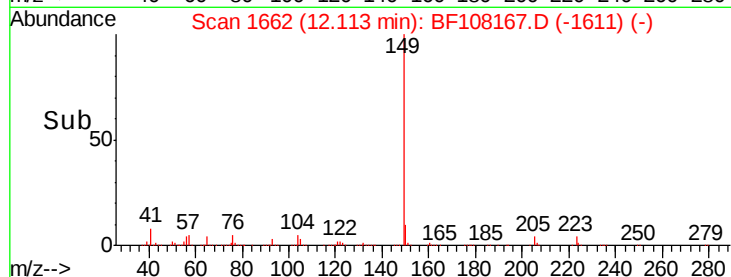
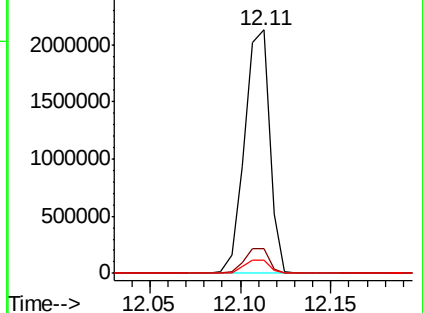
104 5.4 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.565 ng

RT: 12.79 min Scan# 1777

Delta R.T. 0.01 min

Lab File: BF108167.D

Acq: 15 Aug 2018 16:01

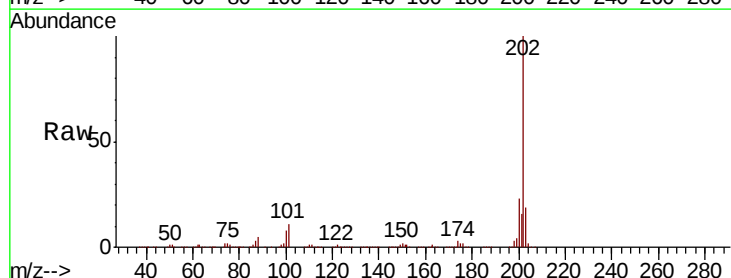
Tgt Ion:202 Resp: 2059996

Ion Ratio Lower Upper

202 100

101 10.7 0.0 34.1

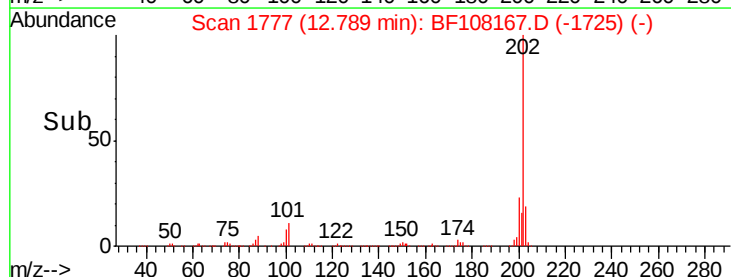
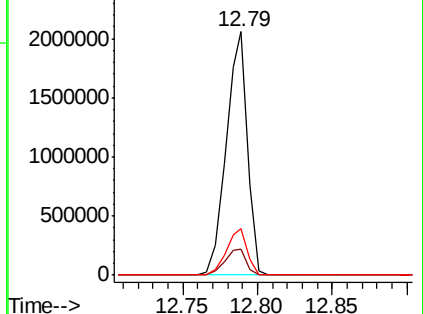
203 19.0 0.0 38.1

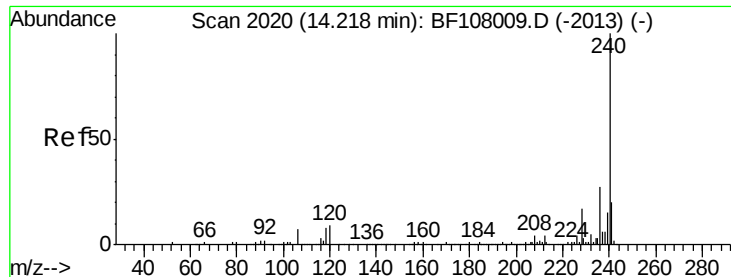


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.23 min Scan# 2022

Delta R.T. 0.01 min

Lab File: BF108167.D

Acq: 15 Aug 2018 16:01

Instrument :

BNA_F

ClientSampleId :

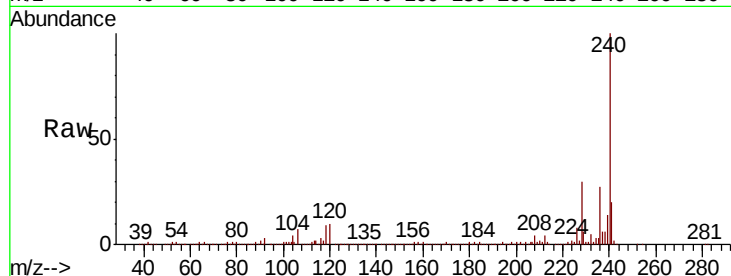
Tot Ion:240 Resp: 729880

Ion Ratio Lower Upper

240 100

120 10.2 9.5 14.3

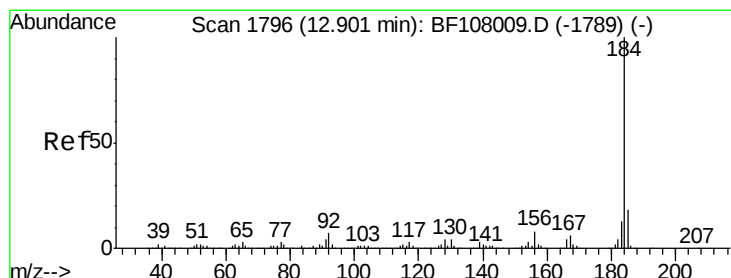
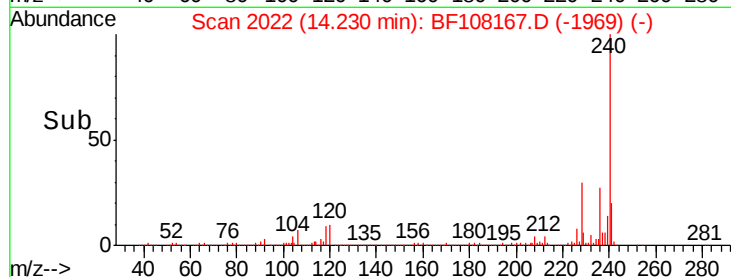
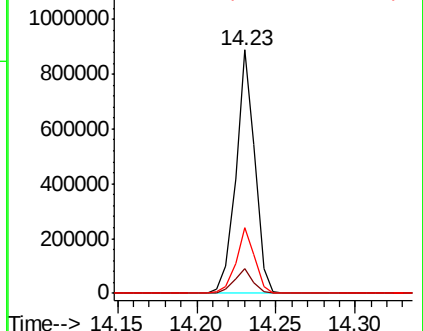
236 27.0 20.7 31.1



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: 42.550 ng

RT: 12.90 min Scan# 1796

Delta R.T. 0.00 min

Lab File: BF108167.D

Acq: 15 Aug 2018 16:01

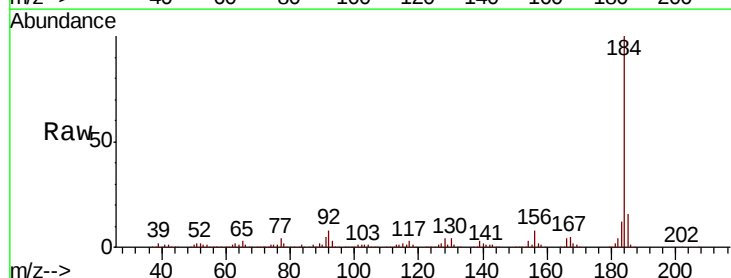
Tgt Ion:184 Resp: 1160338

Ion Ratio Lower Upper

184 100

185 16.2 12.6 18.8

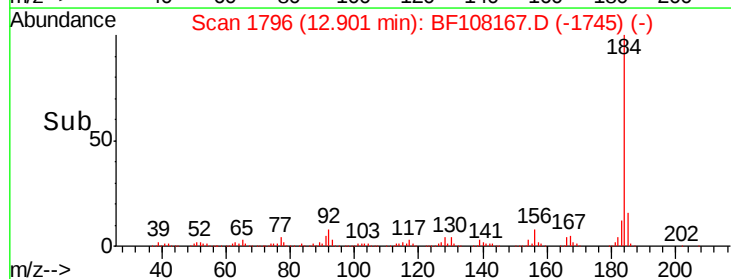
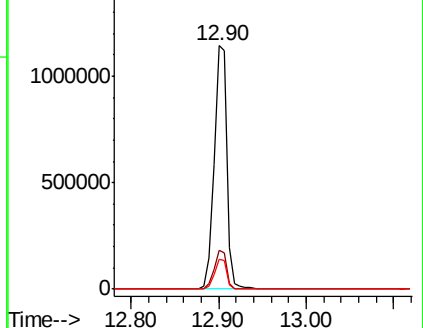
183 12.4 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 43.748 ng

RT: 13.02 min Scan# 1816

Delta R.T. 0.01 min

Lab File: BF108167.D

Acq: 15 Aug 2018 16:01

Instrument :

BNA_F

ClientSampled :

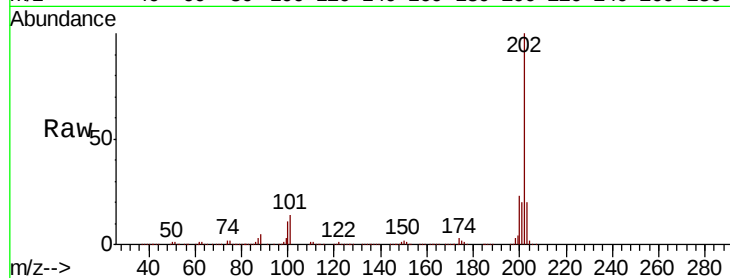
Tot Ion:202 Resp: 2021568

Ion Ratio Lower Upper

202 100

200 23.4 17.4 26.2

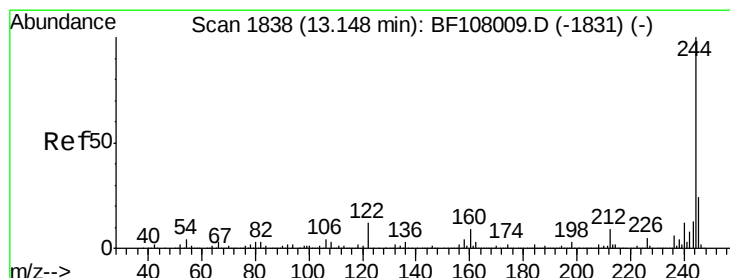
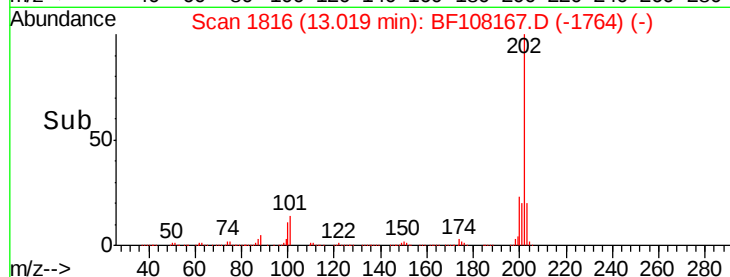
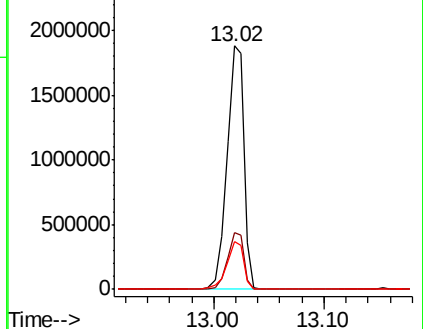
203 19.6 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 85.877 ng

RT: 13.15 min Scan# 1839

Delta R.T. 0.01 min

Lab File: BF108167.D

Acq: 15 Aug 2018 16:01

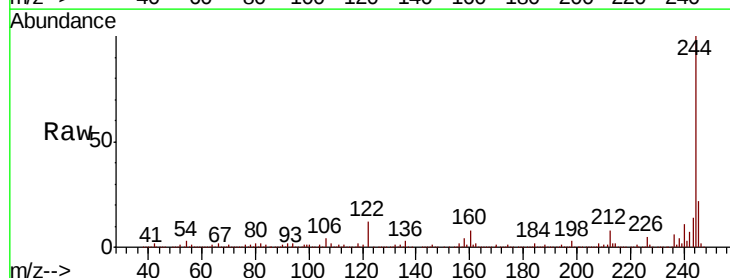
Tgt Ion:244 Resp: 2465213

Ion Ratio Lower Upper

244 100

212 8.1 5.4 8.0#

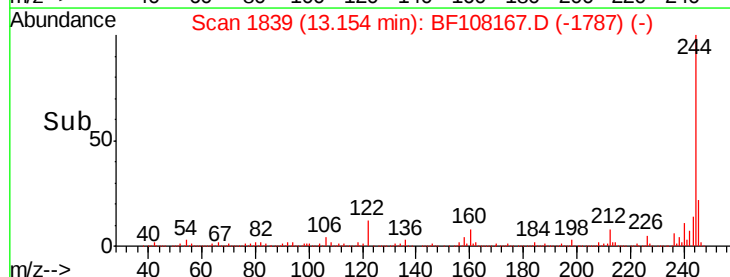
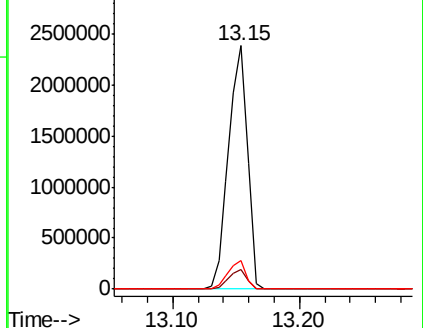
122 11.6 11.0 16.4

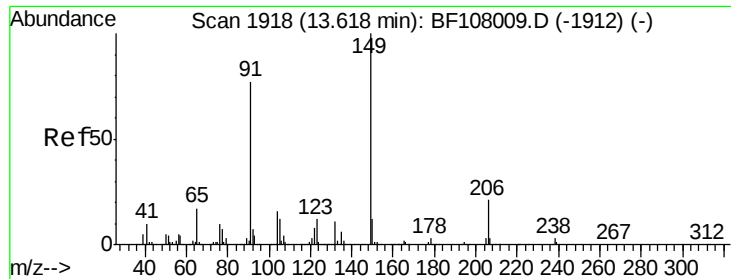


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 47.555 ng

RT: 13.62 min Scan# 1919

Delta R.T. 0.01 min

Lab File: BF108167.D

Acq: 15 Aug 2018 16:01

Instrument :

BNA_F

ClientSampleId :

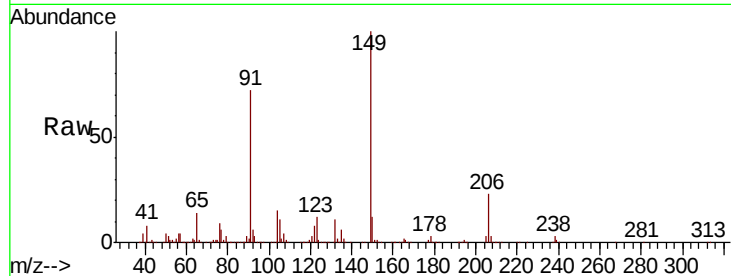
Tot Ion:149 Resp: 872583

Ion Ratio Lower Upper

149 100

91 71.5 56.8 85.2

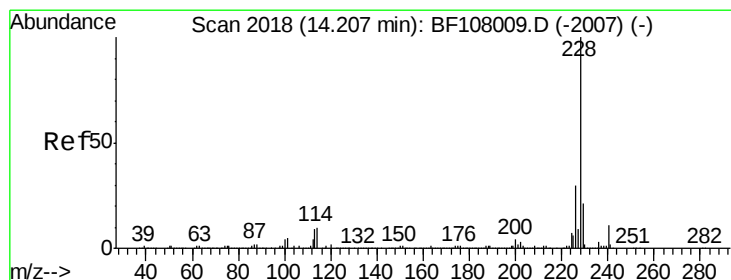
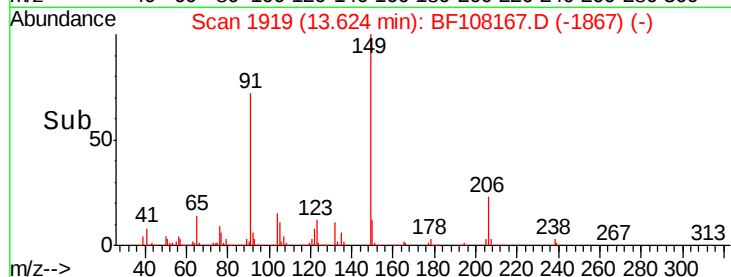
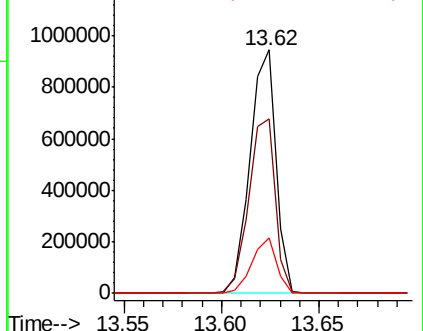
206 23.0 14.1 21.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 41.389 ng

RT: 14.22 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BF108167.D

Acq: 15 Aug 2018 16:01

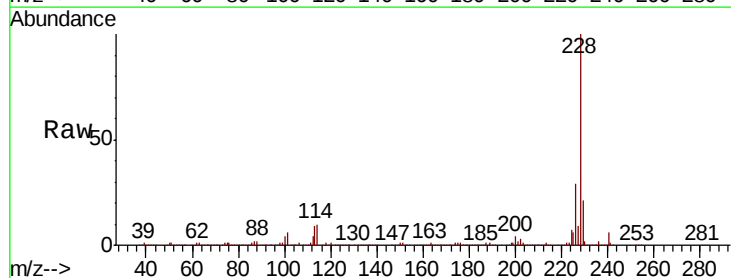
Tgt Ion:228 Resp: 1733682

Ion Ratio Lower Upper

228 100

226 29.3 22.6 33.8

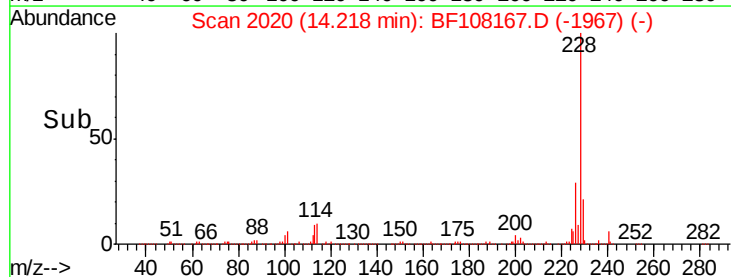
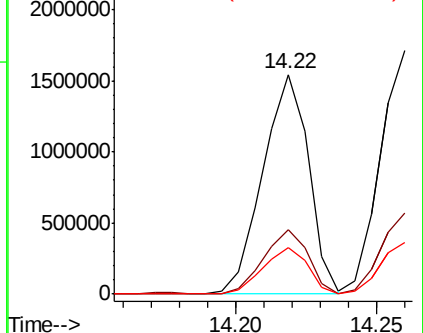
229 21.3 15.8 23.6

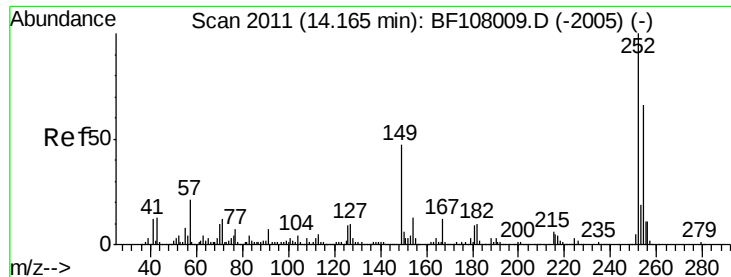


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 39.619 ng

RT: 14.18 min Scan# 2013

Delta R.T. 0.01 min

Lab File: BF108167.D

Acq: 15 Aug 2018 16:01

Instrument :

BNA_F

ClientSampleId :

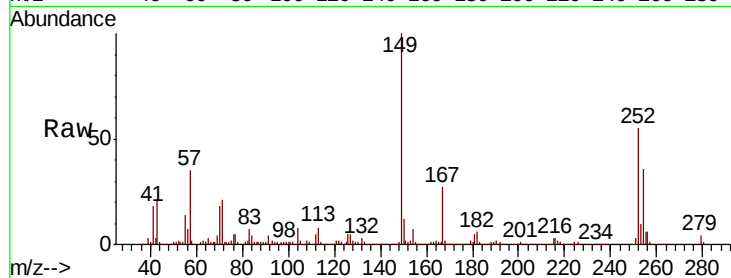
Tot Ion:252 Resp: 594742

Ion Ratio Lower Upper

252 100

254 64.7 50.4 75.6

126 9.3 11.3 16.9#

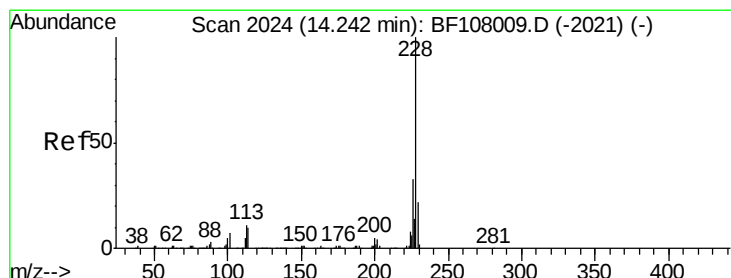
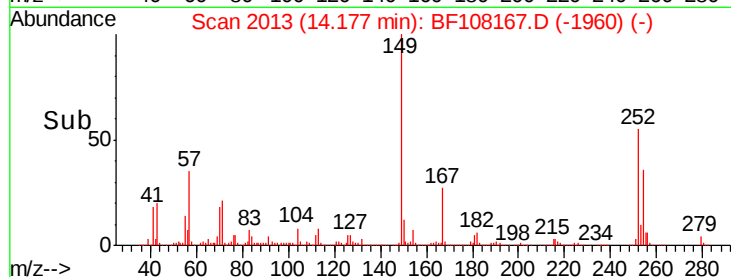
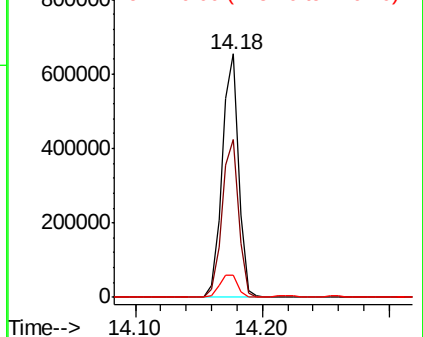


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 40.168 ng

RT: 14.26 min Scan# 2027

Delta R.T. 0.02 min

Lab File: BF108167.D

Acq: 15 Aug 2018 16:01

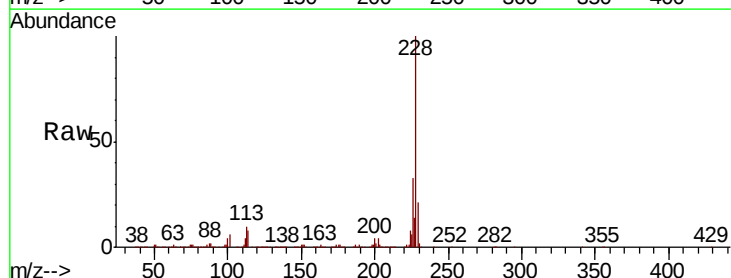
Tgt Ion:228 Resp: 1542561

Ion Ratio Lower Upper

228 100

226 33.2 25.0 37.6

229 21.5 16.2 24.4

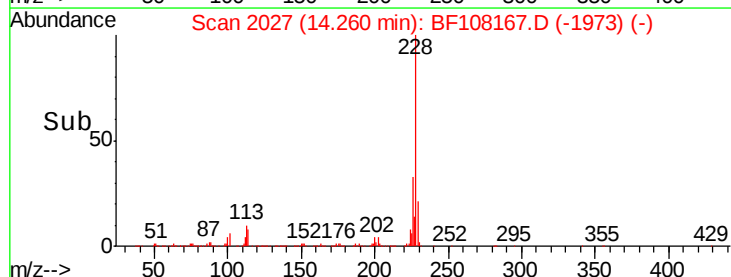
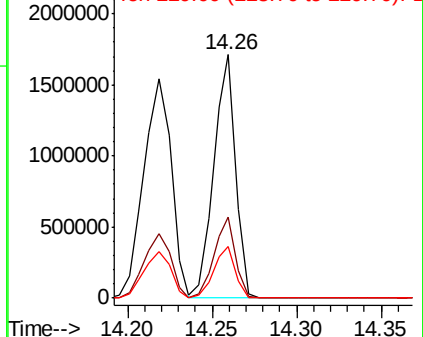


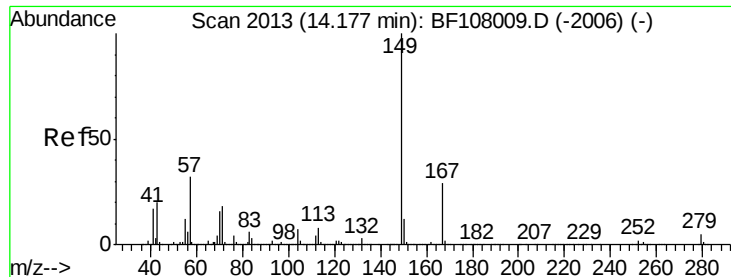
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.213 ng

RT: 14.18 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BF108167.D

Acq: 15 Aug 2018 16:01

Instrument :

BNA_F

ClientSampleId :

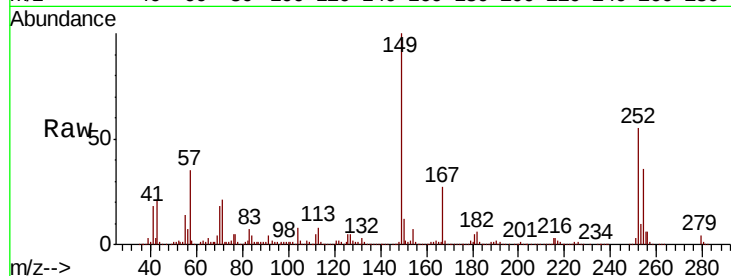
Tot Ion:149 Resp: 1073741

Ion Ratio Lower Upper

149 100

167 27.4 21.3 31.9

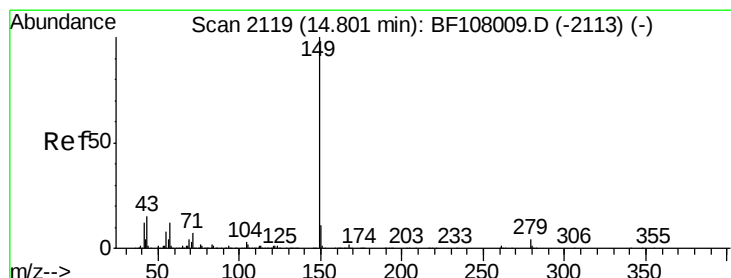
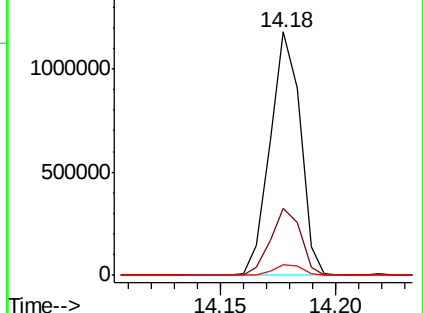
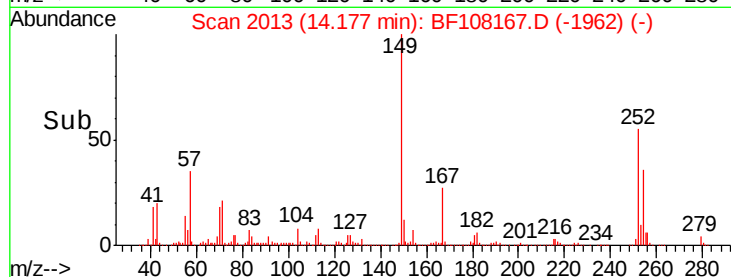
279 4.2 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 44.645 ng

RT: 14.81 min Scan# 2120

Delta R.T. 0.01 min

Lab File: BF108167.D

Acq: 15 Aug 2018 16:01

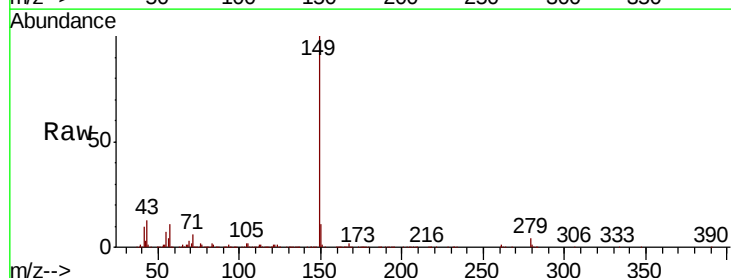
Tgt Ion:149 Resp: 1691844

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

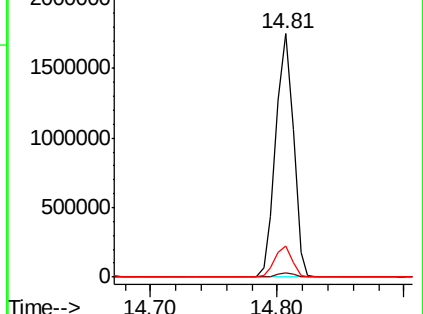
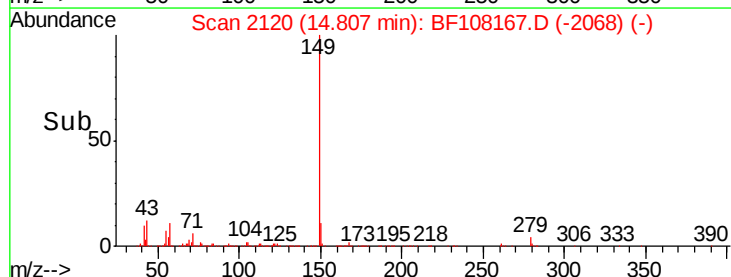
43 12.3 8.4 12.6

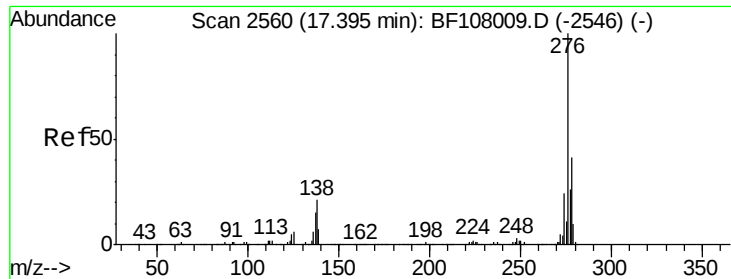


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



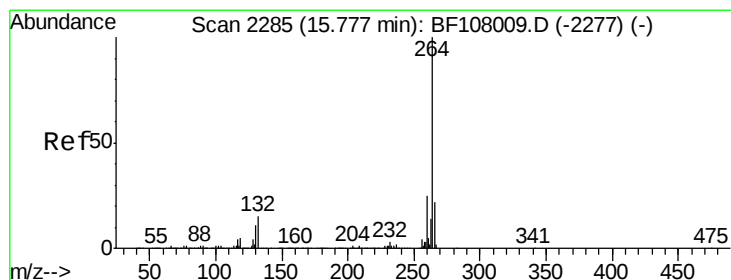
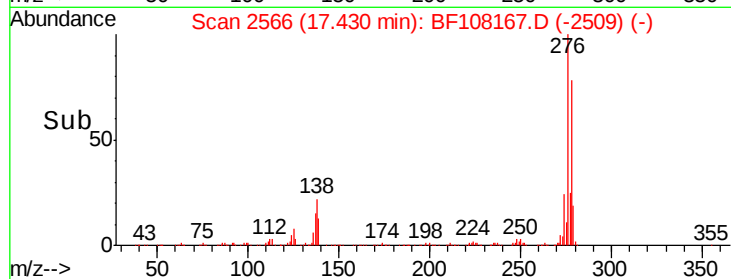
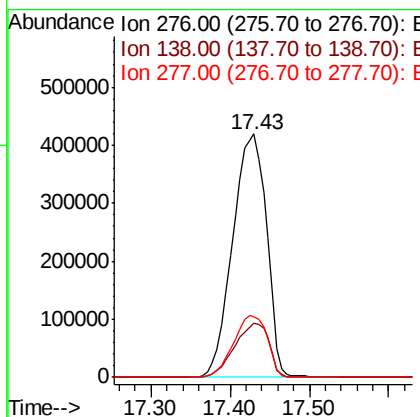
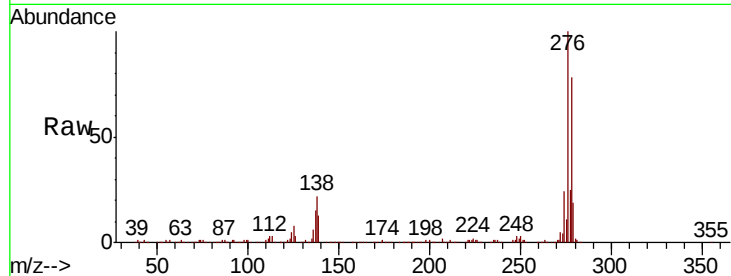


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.461 ng
 RT: 17.43 min Scan# 2566
 Delta R.T. 0.04 min
 Lab File: BF108167.D
 Acq: 15 Aug 2018 16:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1246468

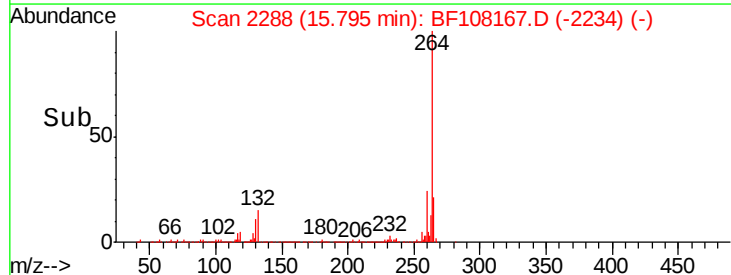
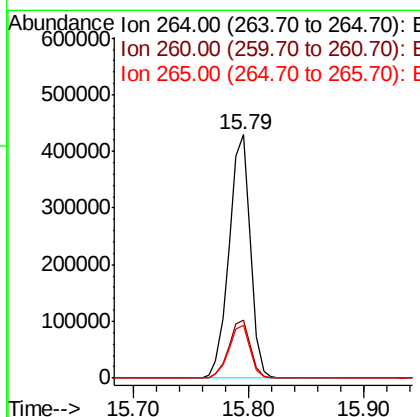
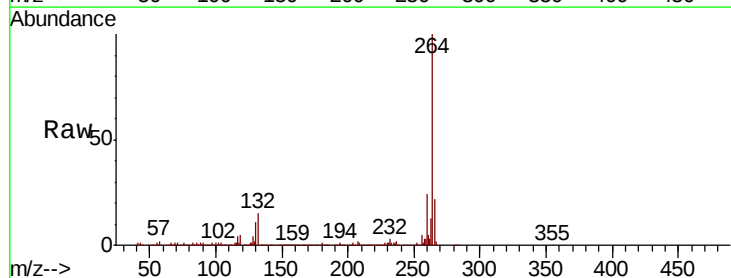
Ion	Ratio	Lower	Upper
276	100		
138	22.6	25.0	37.6#
277	25.5	20.1	30.1

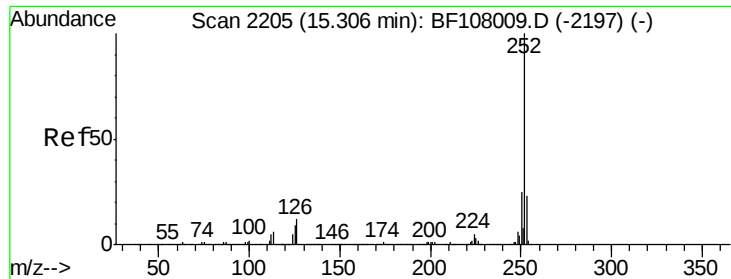


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.79 min Scan# 2288
 Delta R.T. 0.02 min
 Lab File: BF108167.D
 Acq: 15 Aug 2018 16:01

Tgt Ion:264 Resp: 545237

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.6	17.5	26.3

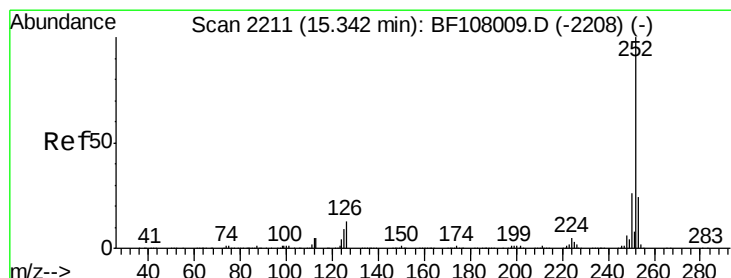
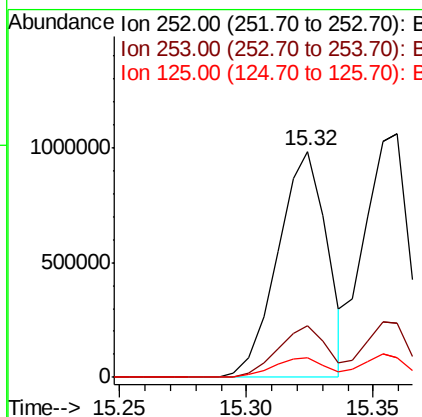
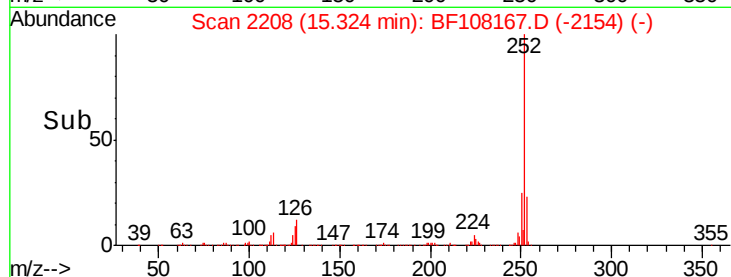
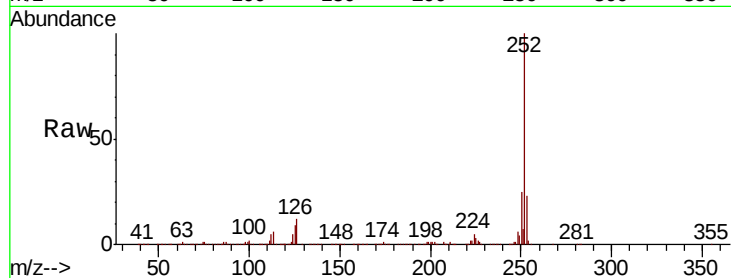




#87
Benzo(b)fluoranthene
Concen: 40.773 ng
RT: 15.32 min Scan# 2208
Delta R.T. 0.02 min
Lab File: BF108167.D
Acq: 15 Aug 2018 16:01

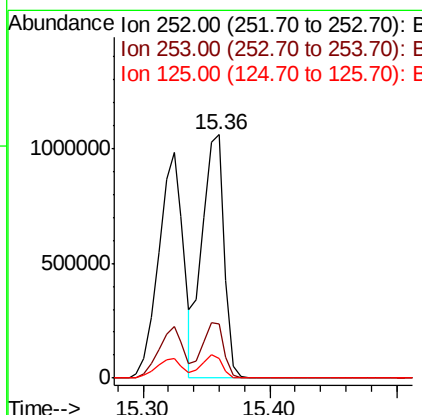
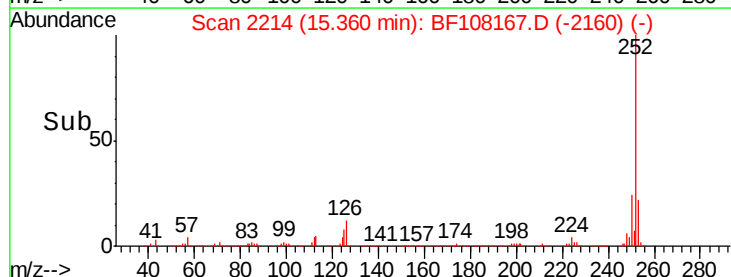
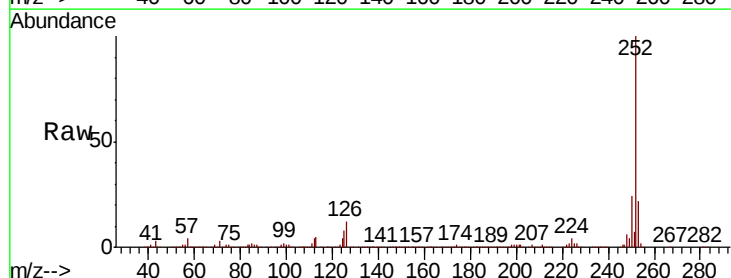
Instrument :
BNA_F
ClientSampled :

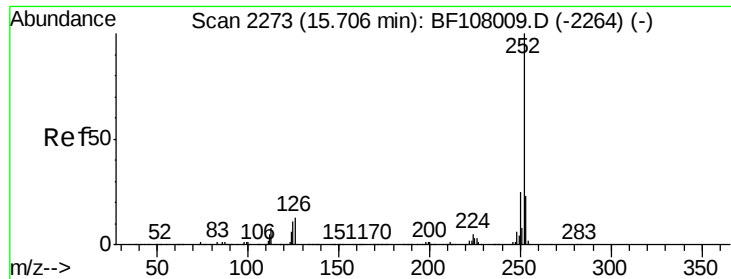
Tot Ion:252 Resp: 1328382
Ion Ratio Lower Upper
252 100
253 22.7 17.0 25.6
125 8.7 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 42.694 ng
RT: 15.36 min Scan# 2214
Delta R.T. 0.02 min
Lab File: BF108167.D
Acq: 15 Aug 2018 16:01

Tgt Ion:252 Resp: 1278636
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 8.2 10.2 15.2#

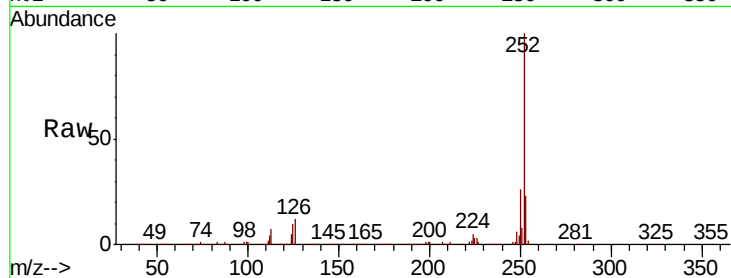




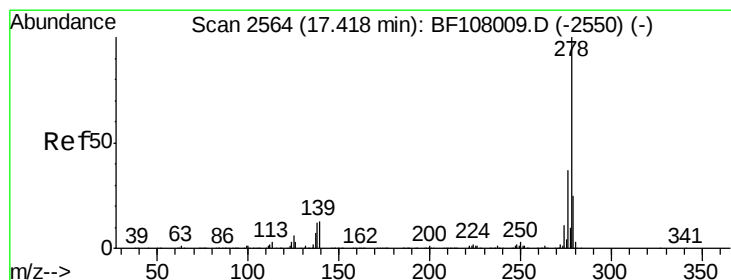
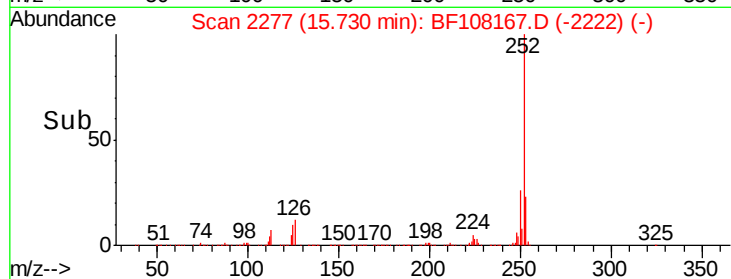
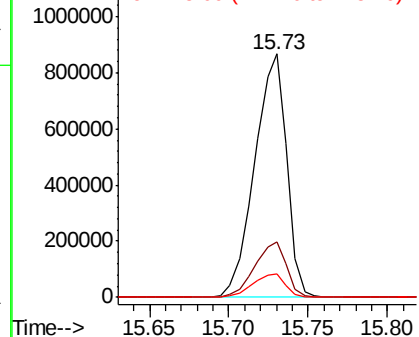
#89
Benzo(a)pyrene
Concen: 41.795 ng
RT: 15.73 min Scan# 2277
Delta R.T. 0.02 min
Lab File: BF108167.D
Acq: 15 Aug 2018 16:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1219345
Ion Ratio Lower Upper
252 100
253 22.7 17.1 25.7
125 9.7 9.8 14.6#

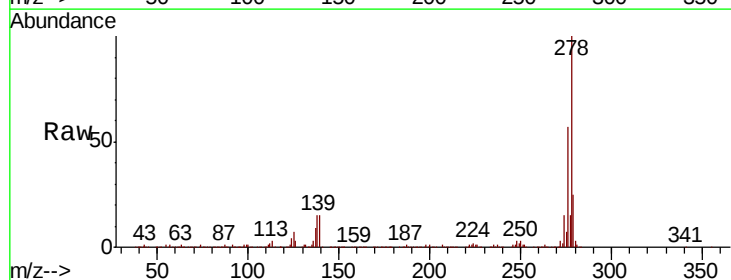


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

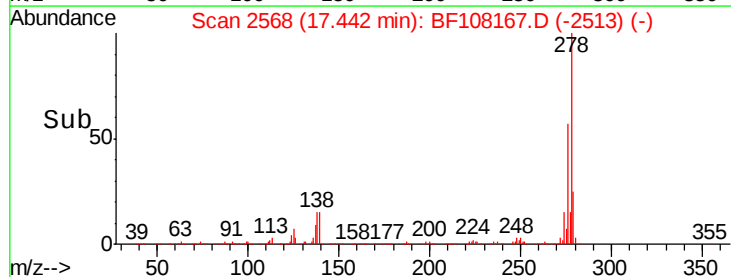
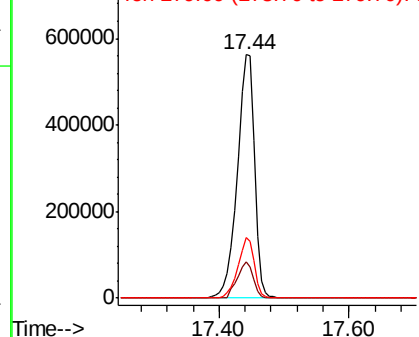


#90
Dibenzo(a,h)anthracene
Concen: 42.913 ng
RT: 17.44 min Scan# 2568
Delta R.T. 0.02 min
Lab File: BF108167.D
Acq: 15 Aug 2018 16:01

Tgt Ion:278 Resp: 1035889
Ion Ratio Lower Upper
278 100
139 14.7 15.9 23.9#
279 24.9 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: 43.922 ng
 RT: 17.93 min Scan# 2651
 Delta R.T. 0.04 min
 Lab File: BF108167.D
 Acq: 15 Aug 2018 16:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1043997
 Ion Ratio Lower Upper
 276 100
 277 24.6 17.9 26.9
 138 18.8 21.8 32.8#

