

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080818\
 Data File : BF108037.D
 Acq On : 8 Aug 2018 23:22
 Operator : JU/SJ
 Sample : J3762-03
 Misc : MDL 8 PPM
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 09 06:44:26 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	7.01	152	271121	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	1061813	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	563361	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	1162302	20.00	ng	0.00
75) Chrysene-d12	14.21	240	1010749	20.00	ng	0.00
86) Perylene-d12	15.77	264	912503	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	2060810	137.61	ng	0.00
7) Phenol-d6	6.63	99	2762202	138.80	ng	0.00
23) Nitrobenzene-d5	7.57	82	1500867	78.88	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	874842	155.68	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	2754269	78.49	ng	0.00
78) Terphenyl-d14	13.15	244	3075366	77.36	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.94	88	61334	7.971	ng	# 86
3) Pyridine	3.73	79	171109	8.632	ng	# 83
4) n-Nitrosodimethylamine	3.65	42	90671	8.129	ng	82
6) Aniline	6.68	93	153275	5.662	ng	96
8) 2-Chlorophenol	6.80	128	144102	8.544	ng	92
9) Benzaldehyde	6.57	77	120198	7.790	ng	97
10) Phenol	6.64	94	173723	8.440	ng	94
11) bis(2-Chloroethyl)ether	6.74	93	145563	8.747	ng	92
12) 1,3-Dichlorobenzene	6.95	146	172460	8.843	ng	99
13) 1,4-Dichlorobenzene	7.03	146	171901	8.773	ng	97
14) 1,2-Dichlorobenzene	7.18	146	160863	8.826	ng	97
15) Benzyl Alcohol	7.14	79	118564	7.077	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.28	45	293940	8.574	ng	96
17) 2-Methylphenol	7.24	107	123361	8.529	ng	95
18) Hexachloroethane	7.52	117	58585	8.398	ng	99
19) n-Nitroso-di-n-propylamine	7.41	70	114619	8.517	ng	# 85
20) 3+4-Methylphenols	7.40	107	166559	8.986	ng	92
22) Acetophenone	7.41	105	222384	8.957	ng	# 94
24) Nitrobenzene	7.59	77	174265	9.057	ng	93
25) Isophorone	7.82	82	303389	8.365	ng	100
26) 2-Nitrophenol	7.91	139	53511	7.364	ng	96
27) 2,4-Dimethylphenol	7.93	122	142805	8.871	ng	99
28) bis(2-Chloroethoxy)methane	8.03	93	185881	8.779	ng	97
29) 2,4-Dichlorophenol	8.14	162	128050	8.644	ng	95
30) 1,2,4-Trichlorobenzene	8.23	180	144215	8.830	ng	94
31) Naphthalene	8.32	128	454834	9.419	ng	99
32) Benzoic acid	7.98	122	39842	9.709	ng	97
33) 4-Chloroaniline	8.36	127	124914	5.936	ng	98
34) Hexachlorobutadiene	8.43	225	89831	8.688	ng	99
35) Caprolactam	8.70	113	40219	8.664	ng	# 80
36) 4-Chloro-3-methylphenol	8.82	107	137602	8.610	ng	98
37) 2-Methylnaphthalene	9.01	142	313641	9.180	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	151773	8.773	ng	98
40) Hexachlorocyclopentadiene	9.16	237	89825	8.038	ng	95

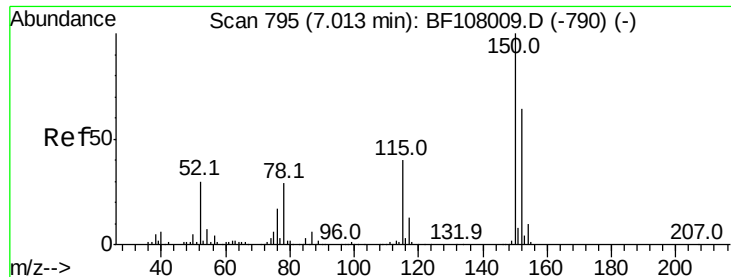
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080818\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	85547	7.968	nq	100
43) 2,4,5-Trichlorophenol	9.32	196	103657	8.771	nq	# 94
45) 1,1'-Biphenyl	9.47	154	391519	9.426	nq	99
46) 2-Chloronaphthalene	9.50	162	303876	9.256	nq	98
47) 2-Nitroaniline	9.59	65	91491	8.613	nq	# 81
48) Acenaphthylene	9.92	152	495542	9.548	nq	100
49) Dimethylphthalate	9.77	163	359933	9.172	nq	98
50) 2,6-Dinitrotoluene	9.83	165	72373	8.815	nq	97
51) Acenaphthene	10.10	154	294566	9.266	nq	96
52) 3-Nitroaniline	10.00	138	65572	7.299	nq	96
53) 2,4-Dinitrophenol	10.10	184	14610	11.358	nq	# 1
54) Dibenzofuran	10.27	168	439349	9.540	nq	99
55) 4-Nitrophenol	10.14	139	55840	8.209	nq	96
56) 2,4-Dinitrotoluene	10.23	165	94136	8.907	nq	# 84
57) Fluorene	10.61	166	352294	9.663	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.38	232	81545	8.255	nq	90
59) Diethylphthalate	10.47	149	350439	9.222	nq	95
60) 4-Chlorophenyl-phenylether	10.60	204	177701	9.354	nq	# 88
61) 4-Nitroaniline	10.61	138	78036	8.786	nq	93
62) Azobenzene	10.76	77	364550	9.289	nq	92
64) 4,6-Dinitro-2-methylphenol	10.64	198	23073	10.056	nq	92
65) n-Nitrosodiphenylamine	10.71	169	315338	9.181	nq	96
66) 4-Bromophenyl-phenylether	11.09	248	112908	8.939	nq	90
67) Hexachlorobenzene	11.16	284	114382	8.607	nq	# 86
68) Atrazine	11.24	200	100185	8.696	nq	92
69) Pentachlorophenol	11.35	266	43223	6.795	nq	100
70) Phenanthrene	11.58	178	538219	9.818	nq	99
71) Anthracene	11.63	178	550313	9.794	nq	99
72) Carbazole	11.78	167	487838	9.772	nq	97
73) Di-n-butylphthalate	12.11	149	538874	9.530	nq	99
74) Fluoranthene	12.77	202	588779	9.841	nq	95
76) Benzydine	12.89	184	128577	3.405	nq	# 94
77) Pyrene	13.01	202	589081	9.206	nq	100
79) Butylbenzylphthalate	13.61	149	208840	8.219	nq	96
80) Benzo(a)anthracene	14.19	228	533306	9.194	nq	99
81) 3,3'-Dichlorobenzidine	14.15	252	102264	4.919	nq	# 98
82) Chrysene	14.24	228	502262	9.445	nq	99
83) Bis(2-ethylhexyl)phthalate	14.17	149	295501	8.588	nq	99
84) Di-n-octyl phthalate	14.79	149	451508	8.604	nq	96
85) Indeno(1,2,3-cd)pyrene	17.37	276	391493	8.496	nq	# 92
87) Benzo(b)fluoranthene	15.32	252	439928	8.068	nq	99
88) Benzo(k)fluoranthene	15.32	252	439928	8.777	nq	# 96
89) Benzo(a)pyrene	15.69	252	426233	8.730	nq	# 98
90) Dibenzo(a,h)anthracene	17.39	278	328600	8.134	nq	# 94
91) Benzo(g,h,i)perylene	17.86	276	318076	7.996	nq	# 91

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

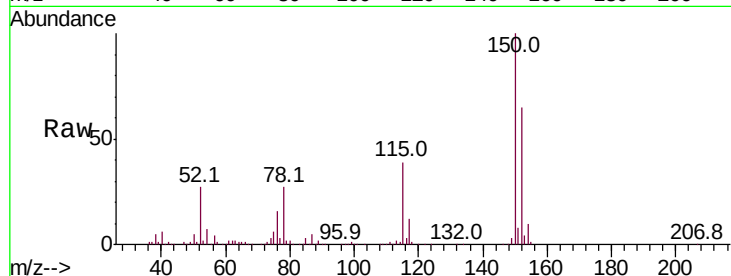


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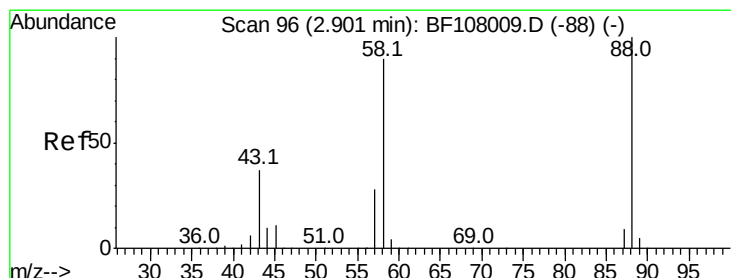
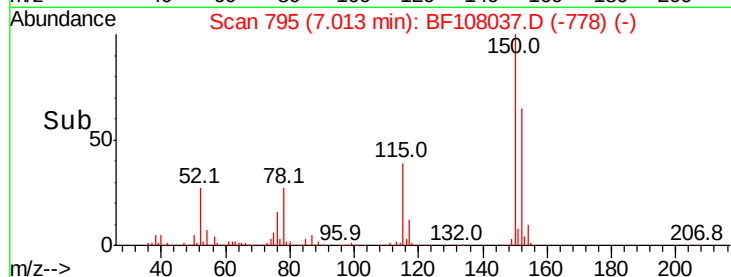
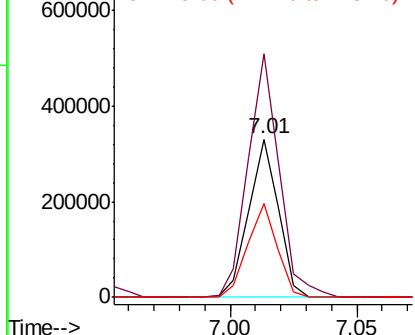
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108037.D
Acq: 8 Aug 2018 23:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 271121
Ion Ratio Lower Upper
152 100
150 153.6 124.6 186.8
115 59.6 50.1 75.1



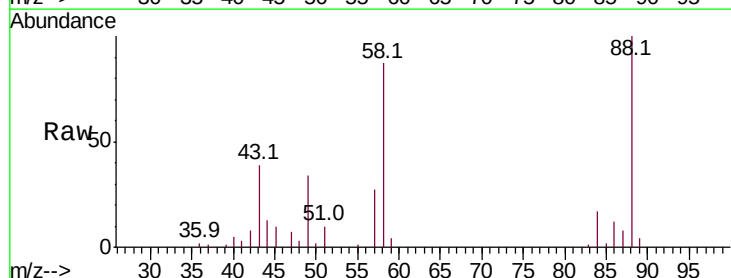
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



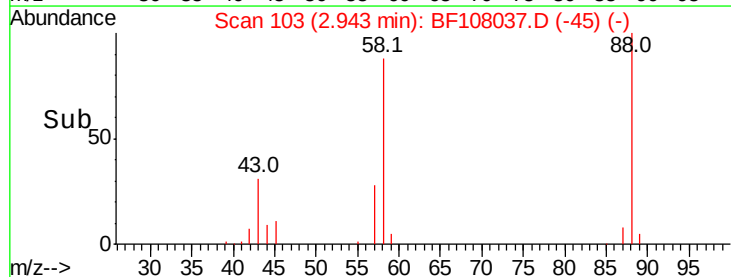
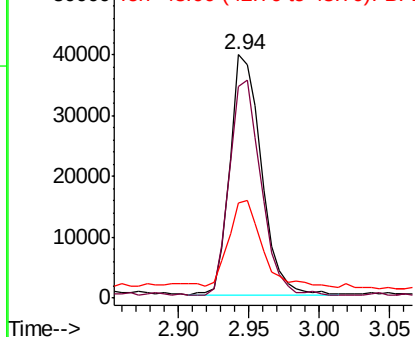
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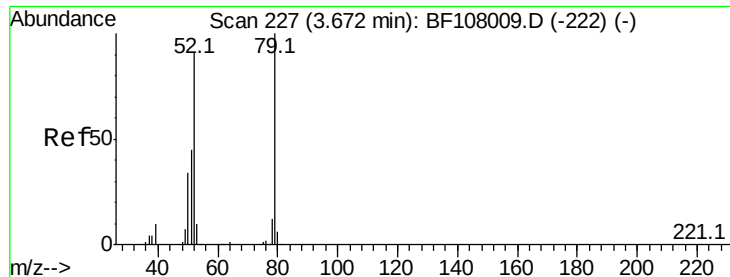
1,4-Dioxane
Concen: 7.971 ng
RT: 2.94 min Scan# 103
Delta R.T. 0.04 min
Lab File: BF108037.D
Acq: 8 Aug 2018 23:22

Tgt Ion: 88 Resp: 61334
Ion Ratio Lower Upper
88 100
58 90.2 62.6 93.8
43 39.6 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: 8.632 ng

RT: 3.73 min Scan# 237

Delta R.T. 0.06 min

Lab File: BF108037.D

Acq: 8 Aug 2018 23:22

Instrument :

BNA_F

ClientSampleId :

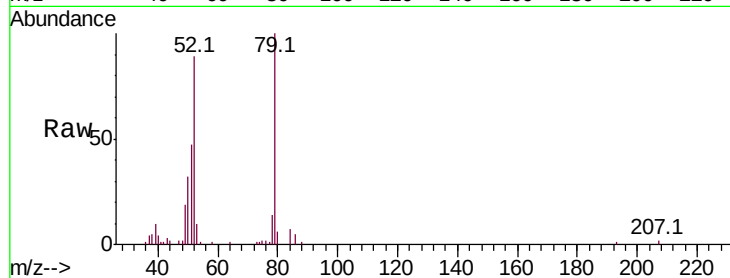
Tot Ion: 79 Resp: 171109

Ion Ratio Lower Upper

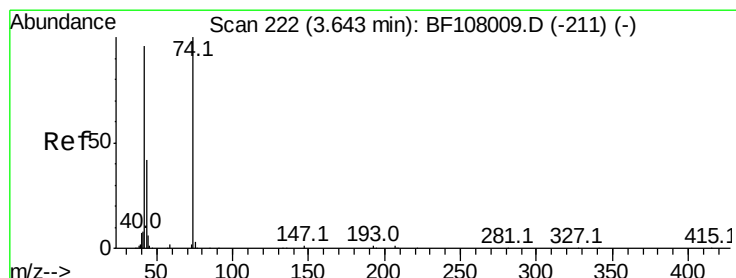
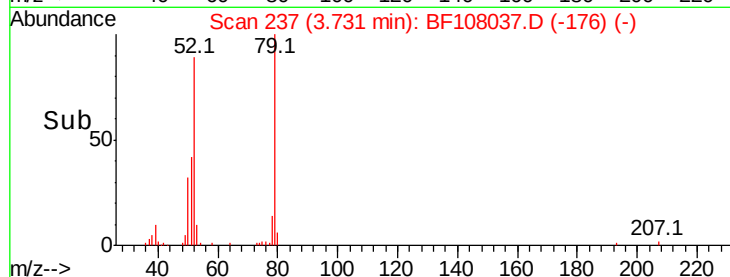
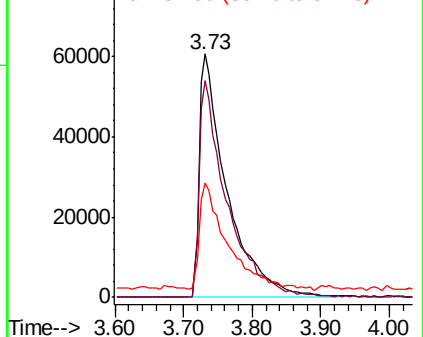
79 100

52 89.2 59.8 89.6

51 46.8 29.8 44.8#



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



#4

n-Nitrosodimethylamine

Concen: 8.129 ng

RT: 3.65 min Scan# 224

Delta R.T. 0.01 min

Lab File: BF108037.D

Acq: 8 Aug 2018 23:22

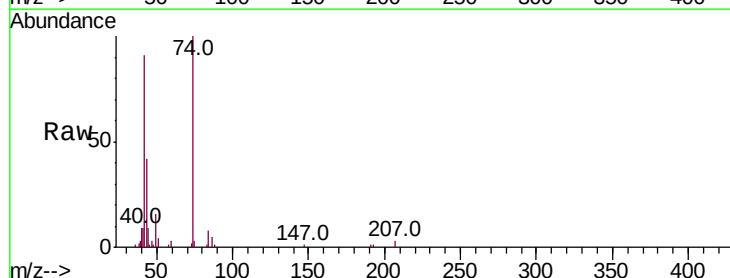
Tgt Ion: 42 Resp: 90671

Ion Ratio Lower Upper

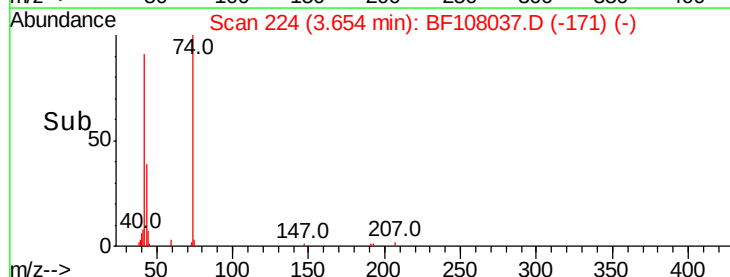
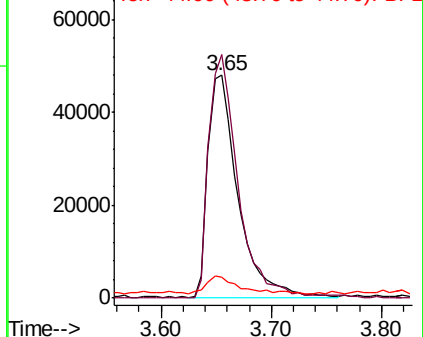
42 100

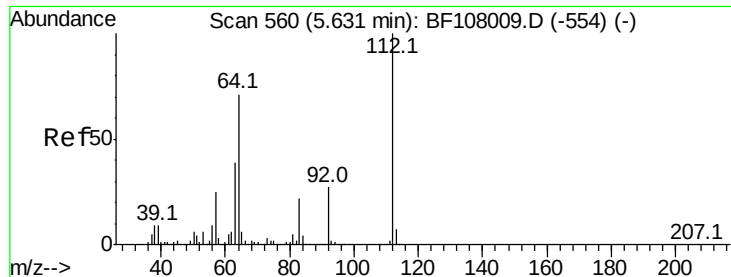
74 109.4 104.9 157.3

44 9.3 6.9 10.3



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





#5

2-Fluorophenol

Concen: 137.614 ng

RT: 5.64 min Scan# 561

Delta R.T. 0.01 min

Lab File: BF108037.D

Acq: 8 Aug 2018 23:22

Instrument :

BNA_F

ClientSampleId :

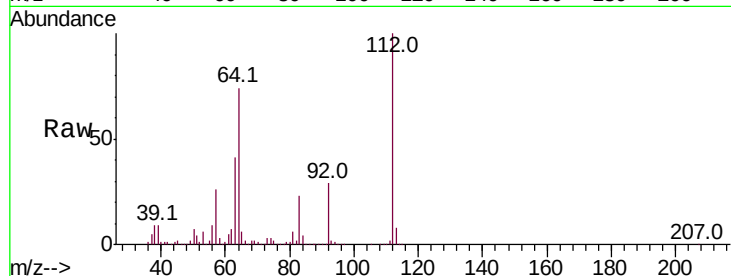
Tot Ion:112 Resp: 2060810

Ion Ratio Lower Upper

112 100

64 74.4 47.9 71.9#

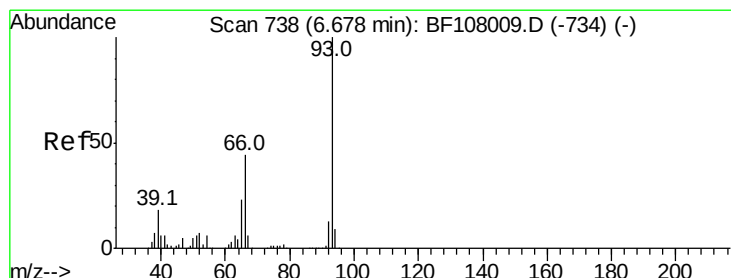
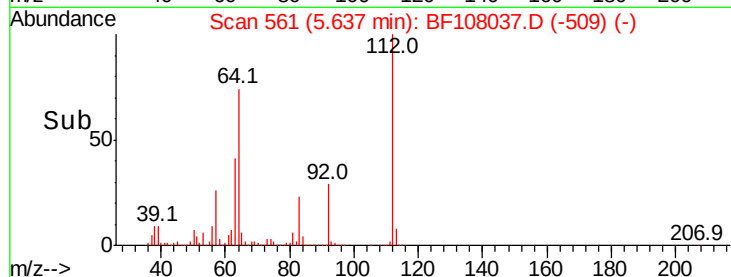
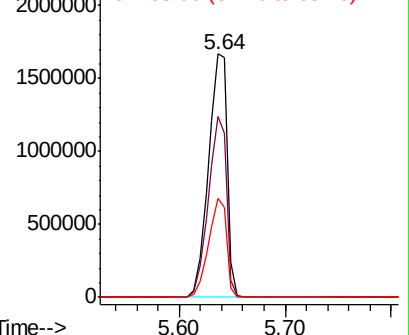
63 40.5 23.7 35.5#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 5.662 ng

RT: 6.68 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF108037.D

Acq: 8 Aug 2018 23:22

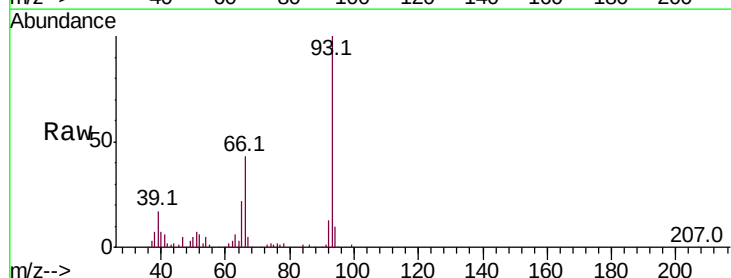
Tgt Ion: 93 Resp: 153275

Ion Ratio Lower Upper

93 100

66 42.8 32.2 48.2

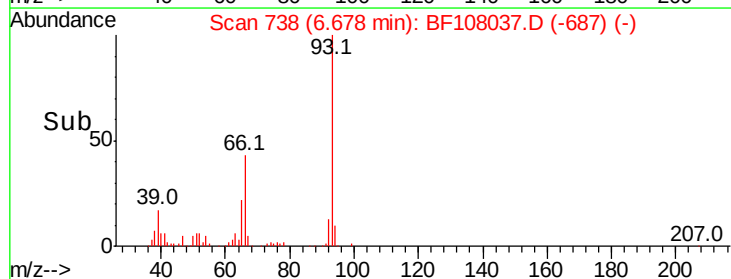
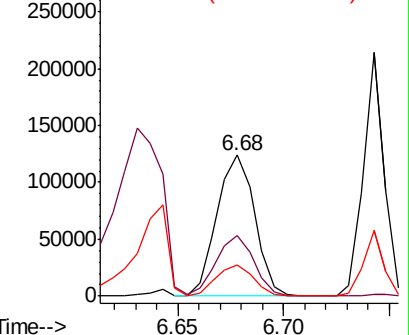
65 22.0 16.4 24.6

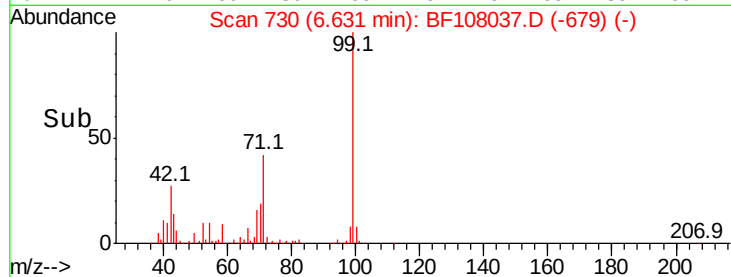
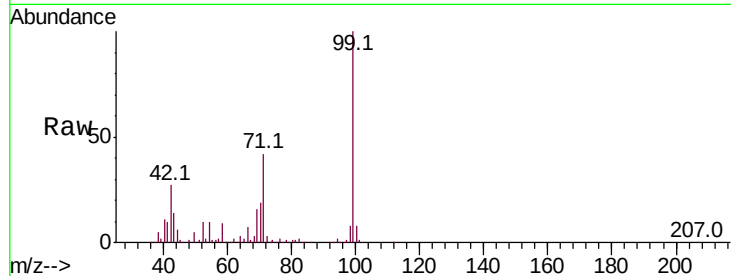
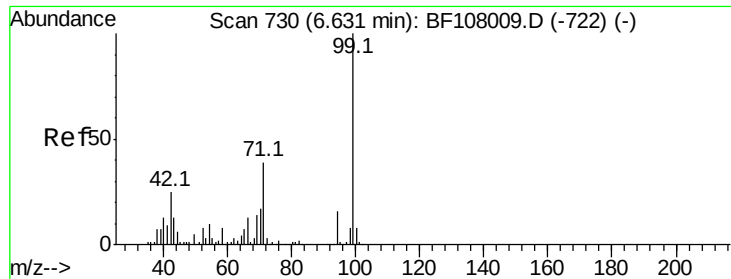


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 138.803 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF108037.D

Acq: 8 Aug 2018 23:22

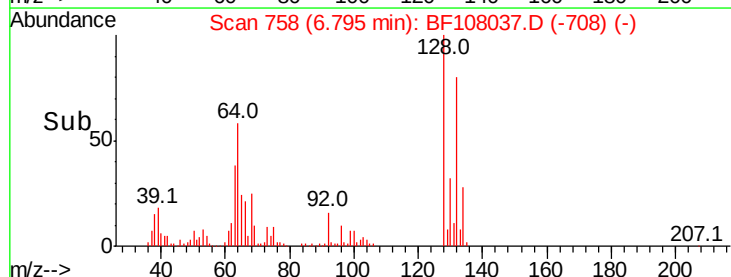
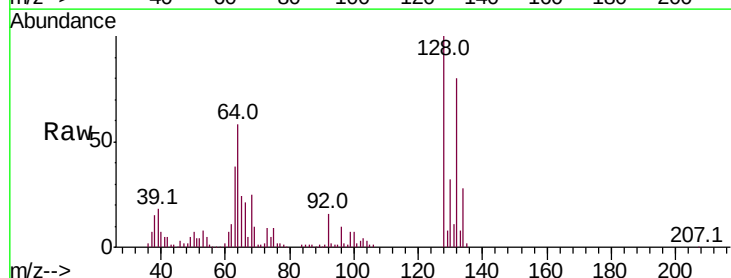
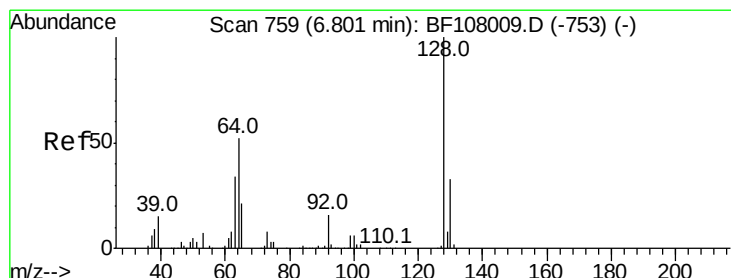
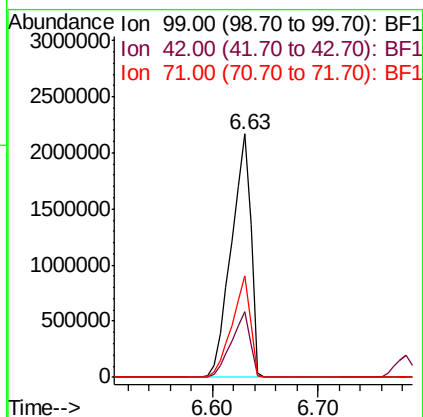
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 2762202

Ion	Ratio	Lower	Upper
99	100		
42	27.2	14.5	21.7#
71	41.7	25.4	38.0#



#8

2-Chlorophenol

Concen: 8.544 ng

RT: 6.80 min Scan# 758

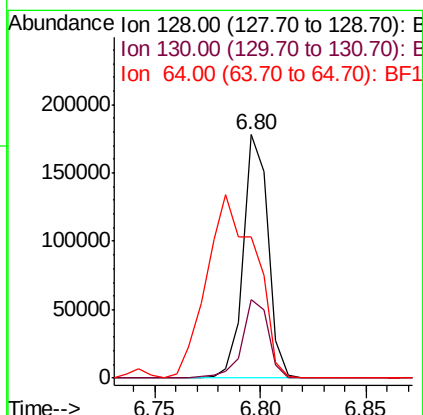
Delta R.T. -0.01 min

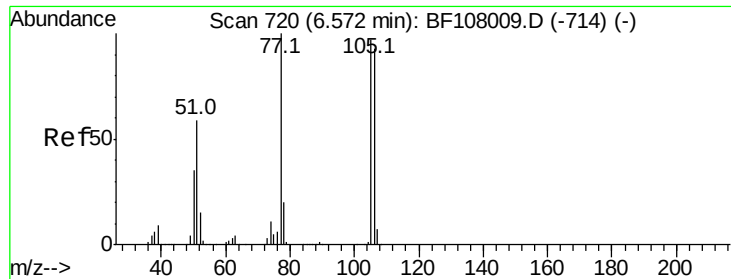
Lab File: BF108037.D

Acq: 8 Aug 2018 23:22

Tgt Ion: 128 Resp: 144102

Ion	Ratio	Lower	Upper
128	100		
130	32.1	13.0	53.0
64	58.1	29.4	69.4





#9

Benzaldehyde

Concen: 7.790 ng

RT: 6.57 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF108037.D

Acq: 8 Aug 2018 23:22

Instrument :

BNA_F

ClientSampleId :

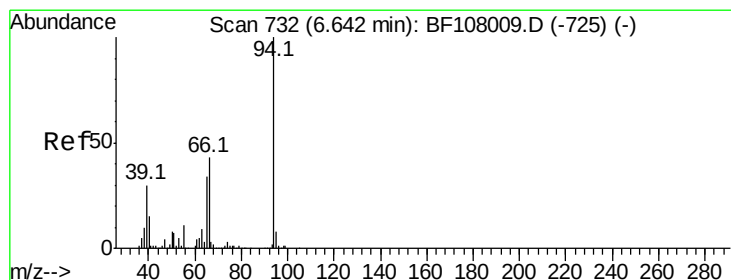
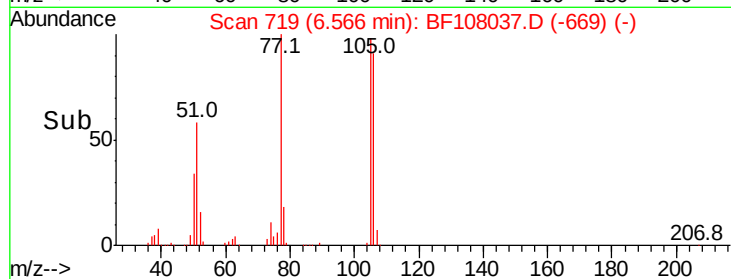
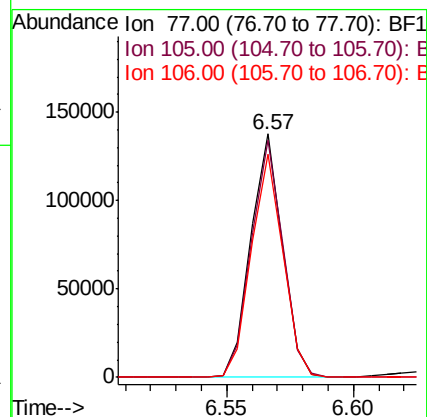
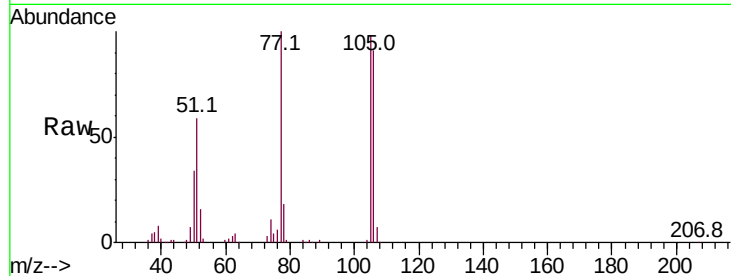
Tot Ion: 77 Resp: 120198

Ion Ratio Lower Upper

77 100

105 97.5 81.1 121.1

106 91.5 74.5 114.5



#10

Phenol

Concen: 8.440 ng

RT: 6.64 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF108037.D

Acq: 8 Aug 2018 23:22

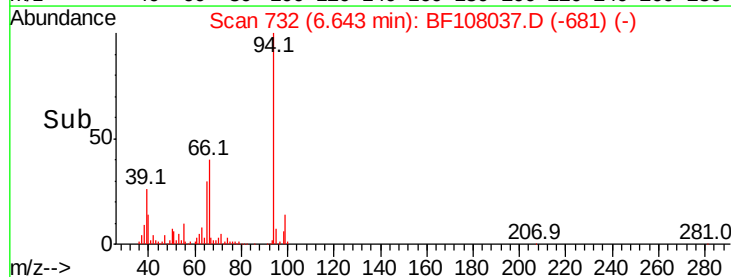
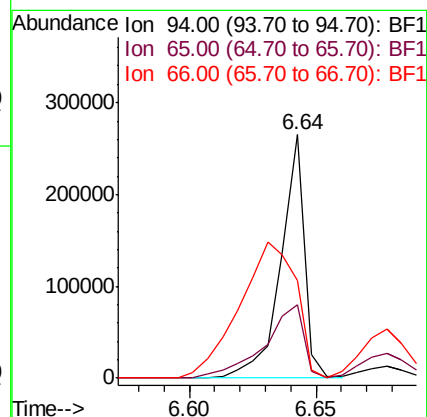
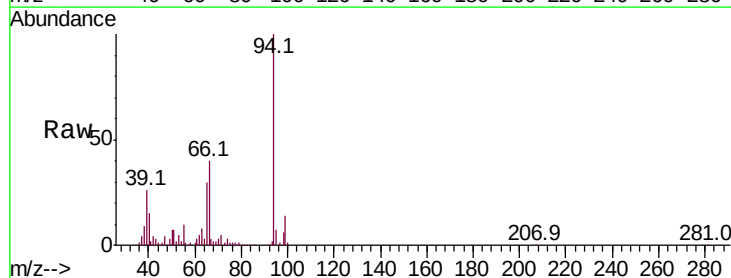
Tgt Ion: 94 Resp: 173723

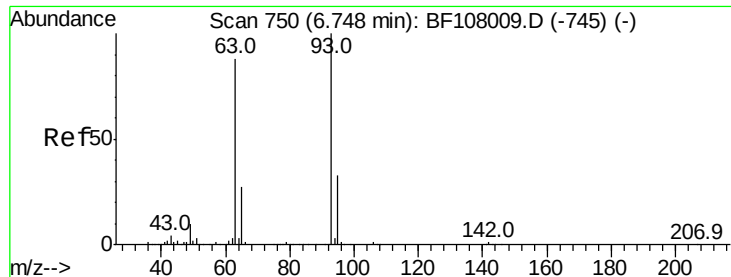
Ion Ratio Lower Upper

94 100

65 30.2 7.9 47.9

66 40.3 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 8.747 ng

RT: 6.74 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF108037.D

Acq: 8 Aug 2018 23:22

Instrument :

BNA_F

ClientSampled :

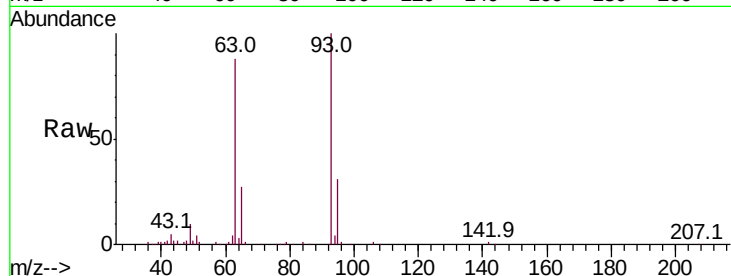
Tot Ion: 93 Resp: 145563

Ion Ratio Lower Upper

93 100

63 87.8 58.6 98.6

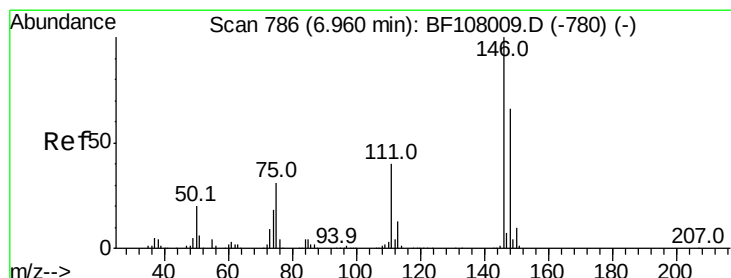
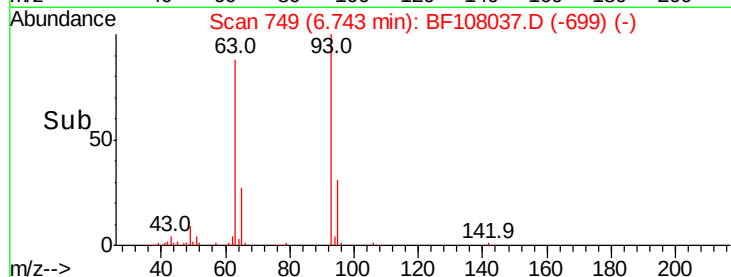
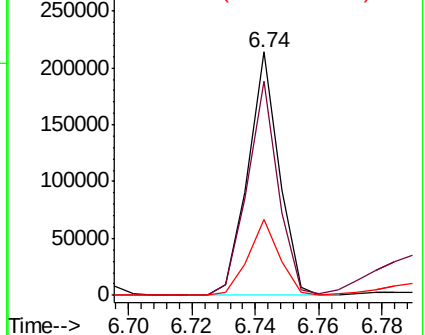
95 31.1 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 8.843 ng

RT: 6.95 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF108037.D

Acq: 8 Aug 2018 23:22

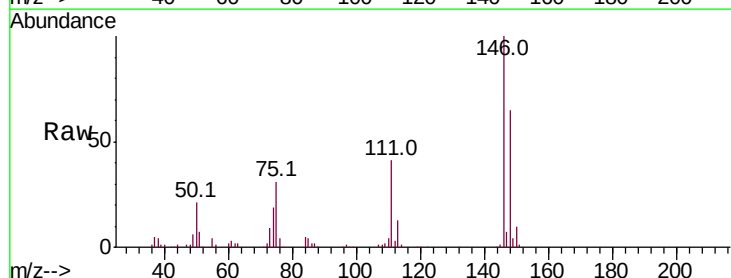
Tgt Ion: 146 Resp: 172460

Ion Ratio Lower Upper

146 100

148 64.6 51.8 77.8

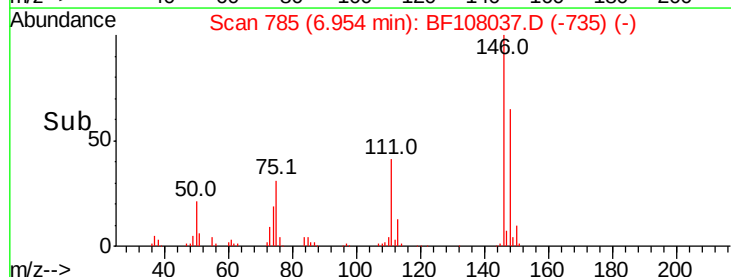
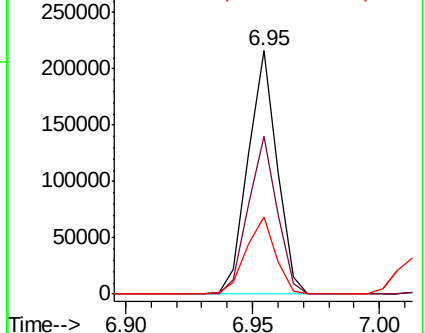
75 31.5 24.2 36.4

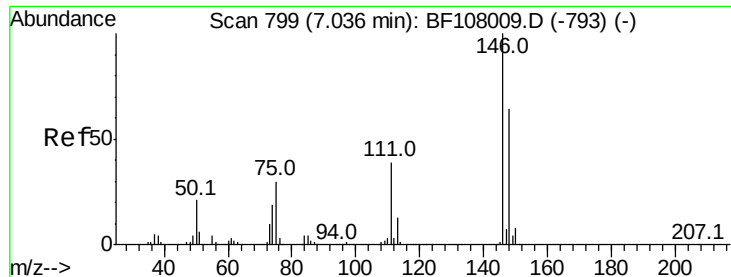


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

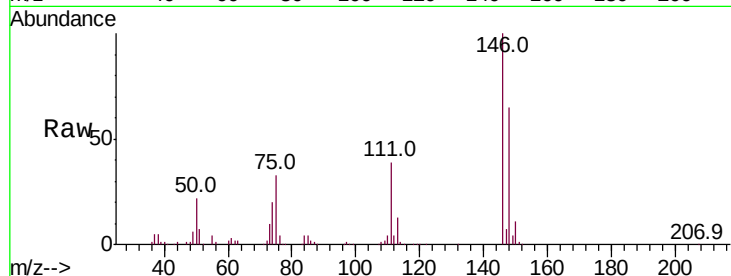




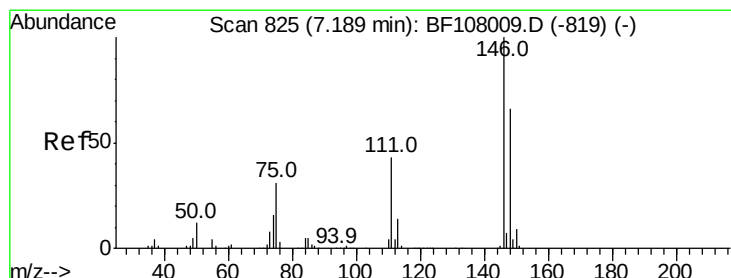
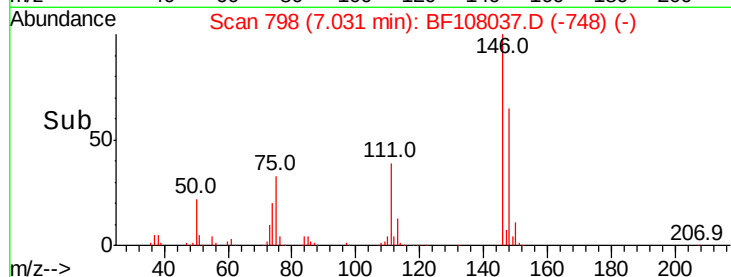
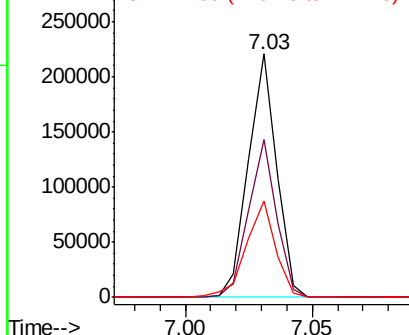
#13
1,4-Dichlorobenzene
Concen: 8.773 ng
RT: 7.03 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF108037.D
Acq: 8 Aug 2018 23:22

Instrument :
BNA_F
ClientSampled :

Tot Ion:146 Resp: 171901
Ion Ratio Lower Upper
146 100
148 64.8 50.8 76.2
111 39.4 34.2 51.2

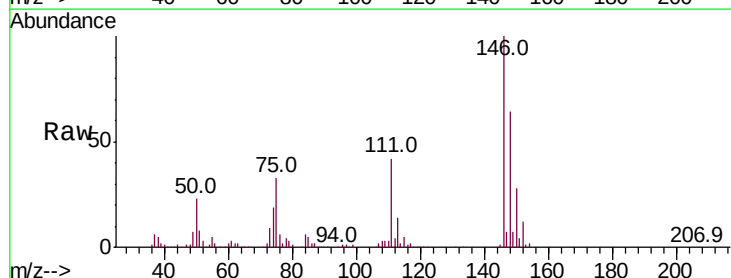


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

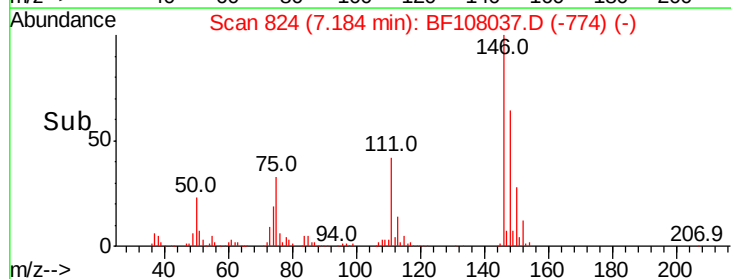
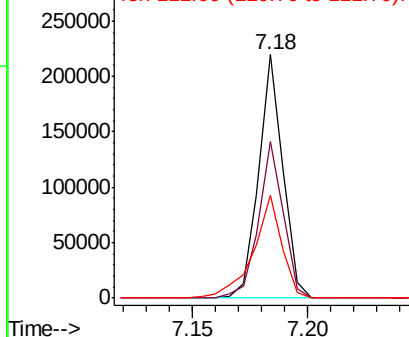


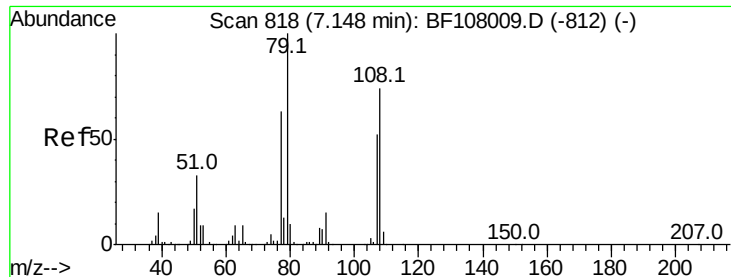
#14
1,2-Dichlorobenzene
Concen: 8.826 ng
RT: 7.18 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF108037.D
Acq: 8 Aug 2018 23:22

Tgt Ion:146 Resp: 160863
Ion Ratio Lower Upper
146 100
148 64.2 50.6 75.8
111 42.0 36.0 54.0



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





#15

Benzyl Alcohol

Concen: 7.077 ng

RT: 7.14 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF108037.D

Acq: 8 Aug 2018 23:22

Instrument :

BNA_F

ClientSampled :

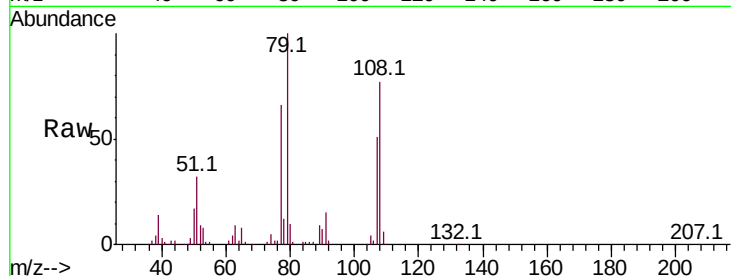
Tot Ion: 79 Resp: 118564

Ion Ratio Lower Upper

79 100

108 77.1 65.1 97.7

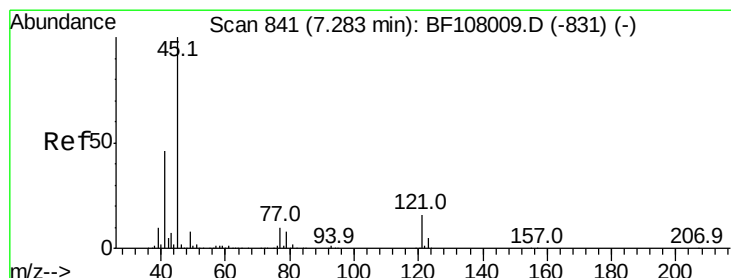
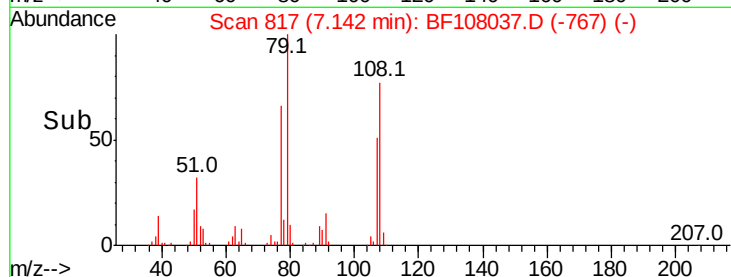
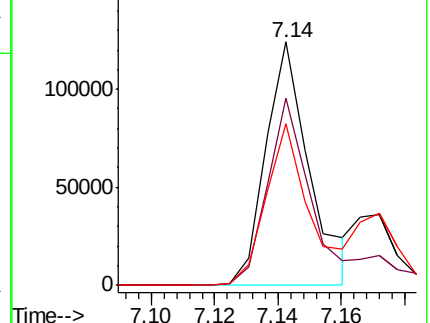
77 66.2 50.6 75.8



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: 8.574 ng

RT: 7.28 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF108037.D

Acq: 8 Aug 2018 23:22

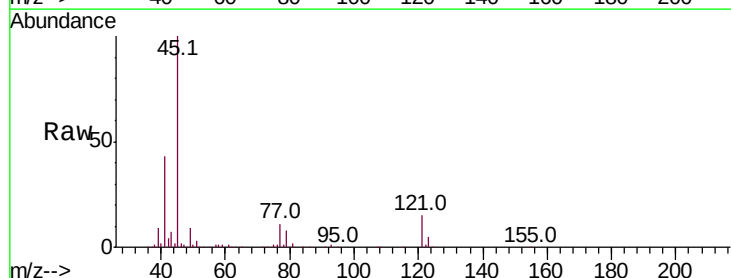
Tgt Ion: 45 Resp: 293940

Ion Ratio Lower Upper

45 100

77 10.9 0.0 32.9

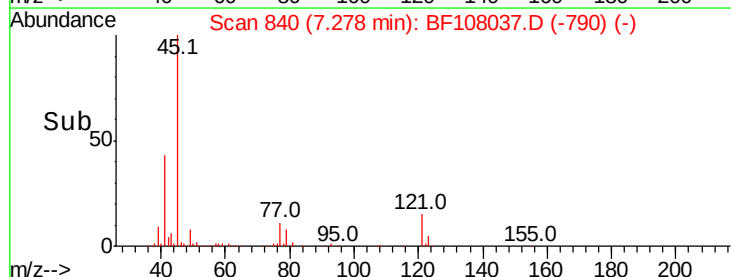
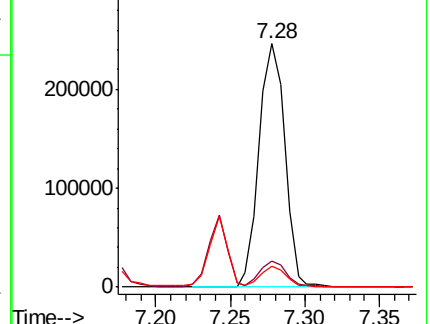
79 8.4 0.0 29.6

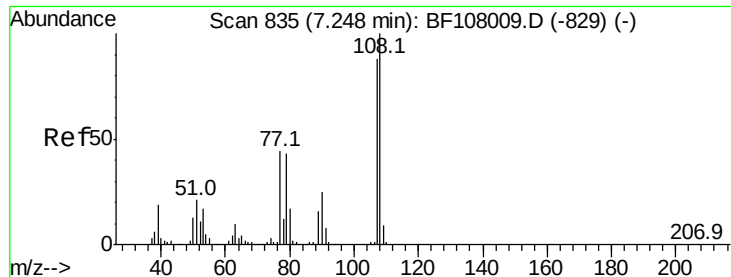


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

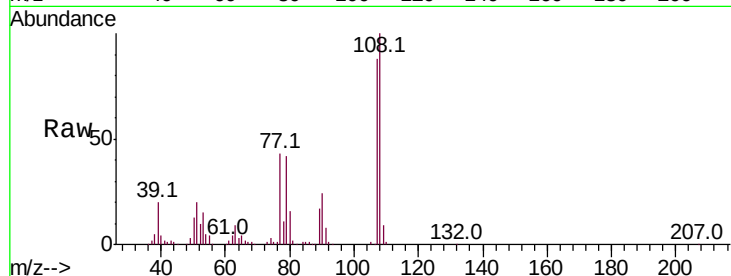




#17
2-Methylphenol
Concen: 8.529 ng
RT: 7.24 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF108037.D
Acq: 8 Aug 2018 23:22

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.4	91.7	137.5
77	48.8	33.8	50.8
79	48.1	33.8	50.8



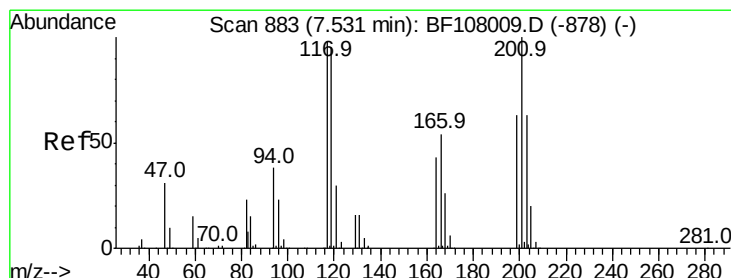
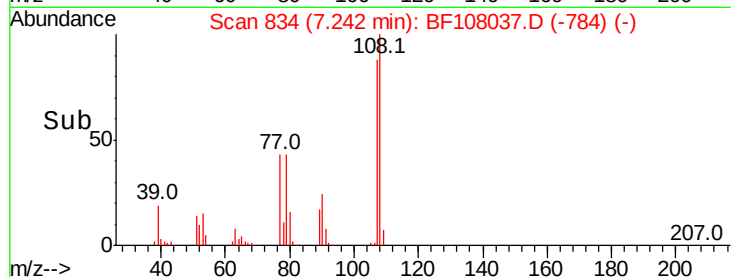
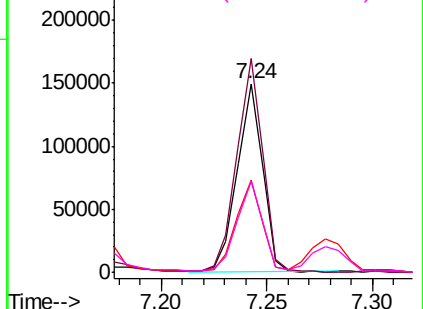
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

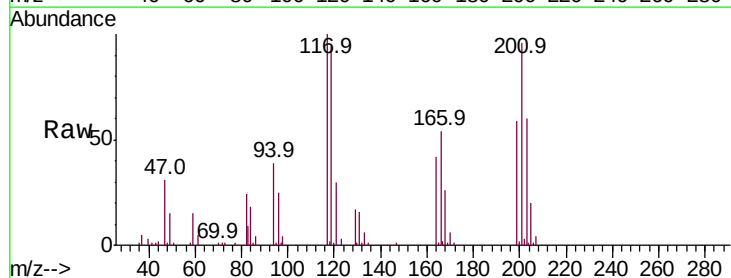
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 8.398 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF108037.D
Acq: 8 Aug 2018 23:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.4	75.8	113.8
201	96.2	75.7	113.5

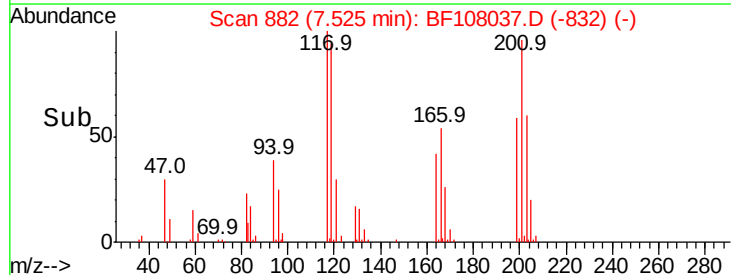
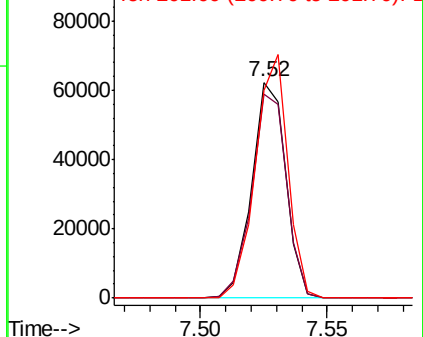


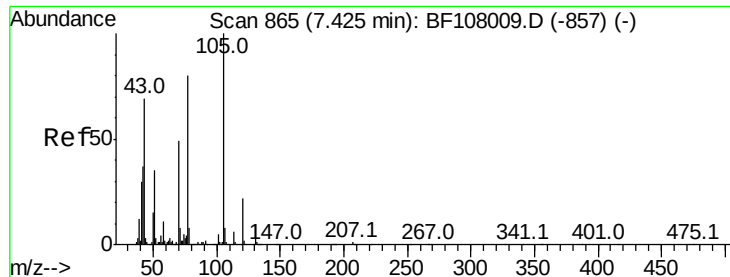
Abundance

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: 8.517 ng

RT: 7.41 min Scan# 862

Delta R.T. -0.02 min

Lab File: BF108037.D

Acq: 8 Aug 2018 23:22

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 114619

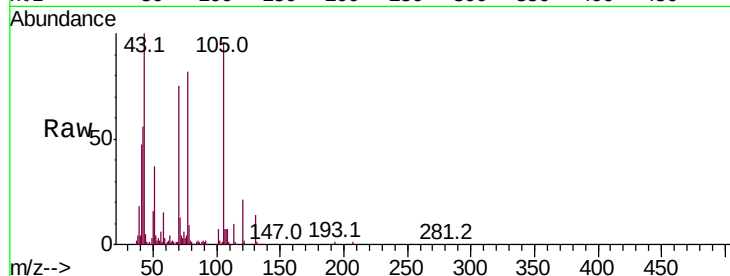
Ion Ratio Lower Upper

70 100

42 74.9 47.5 71.3#

101 9.5 7.4 11.2

130 18.9 16.6 25.0

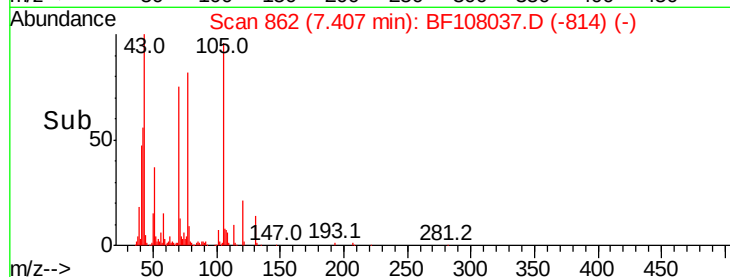
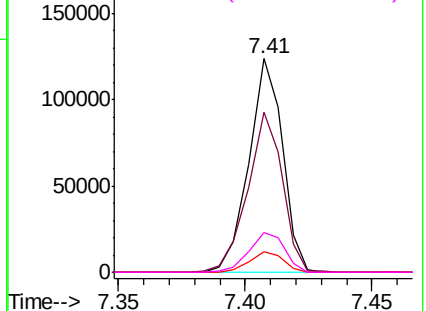


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 8.986 ng

RT: 7.40 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF108037.D

Acq: 8 Aug 2018 23:22

Tgt Ion:107 Resp: 166559

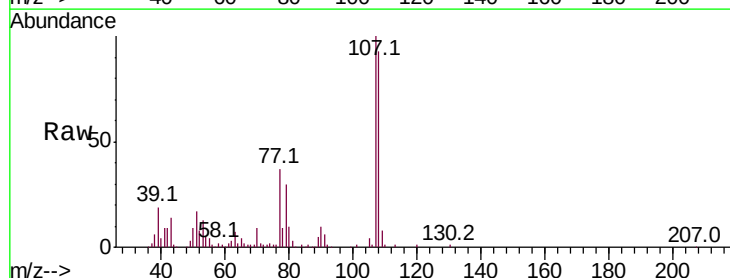
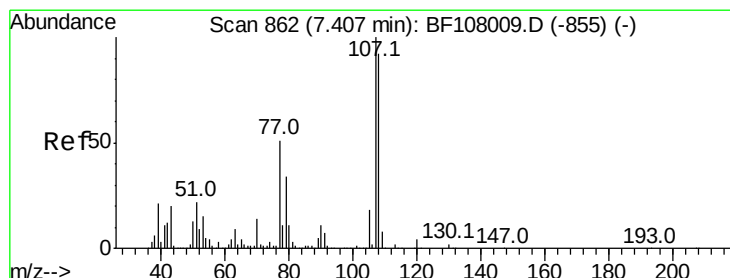
Ion Ratio Lower Upper

107 100

108 92.7 68.2 108.2

77 36.8 26.7 66.7

79 30.2 6.3 46.3

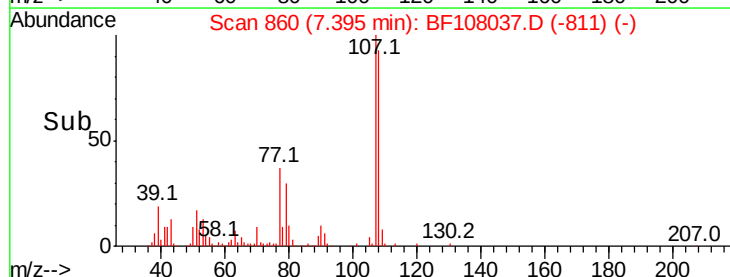
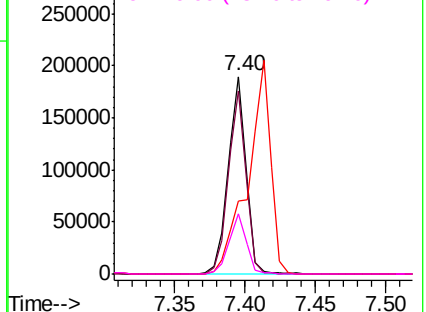


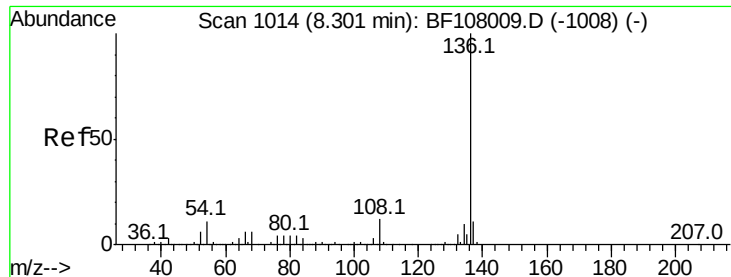
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.30 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF108037.D

Acq: 8 Aug 2018 23:22

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1061813

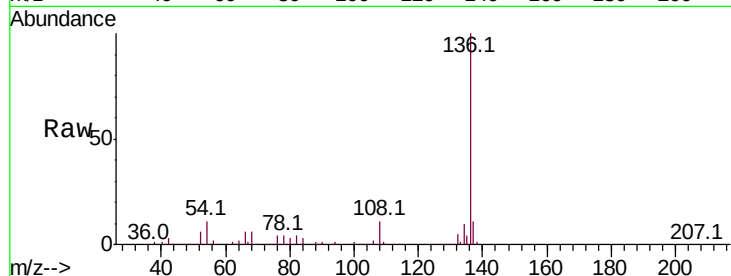
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 10.9 6.6 9.8#

68 6.3 5.0 7.4

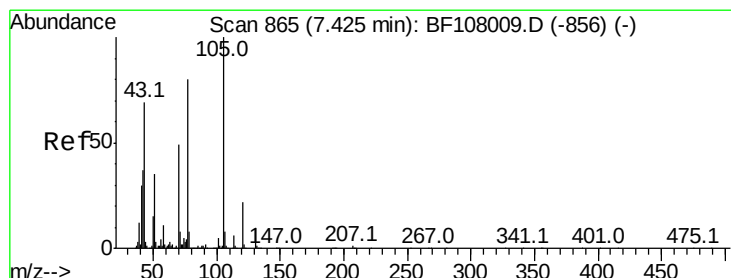
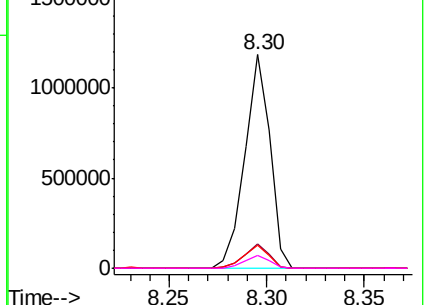
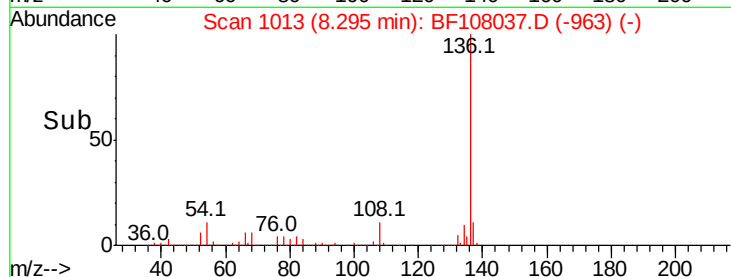


Abundance Ion 136.00 (135.70 to 136.70): E

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: 8.957 ng

RT: 7.41 min Scan# 863

Delta R.T. -0.01 min

Lab File: BF108037.D

Acq: 8 Aug 2018 23:22

Tgt Ion:105 Resp: 222384

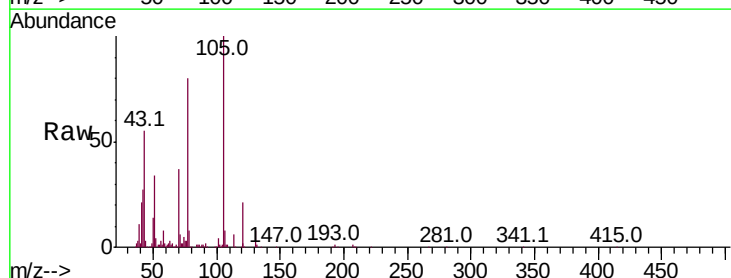
Ion Ratio Lower Upper

105 100

71 6.0 4.4 6.6

51 34.0 22.3 33.5#

120 20.8 16.9 25.3

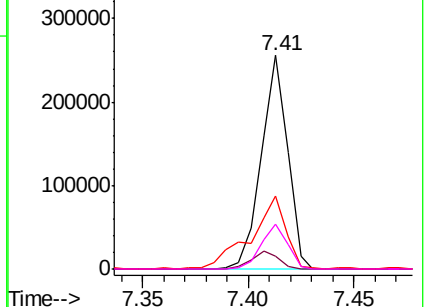
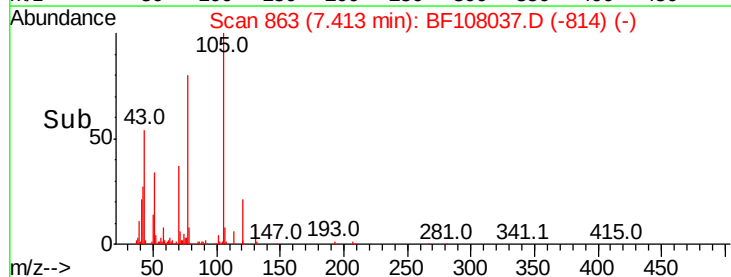


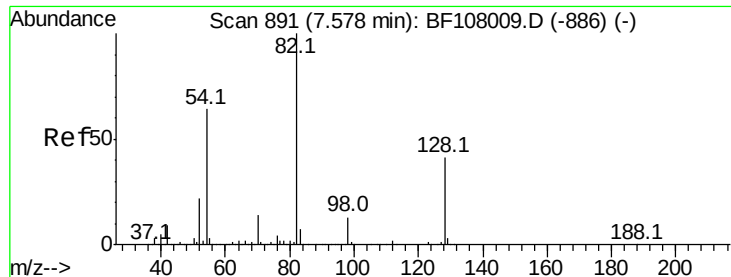
Abundance Ion 105.00 (104.70 to 105.70): E

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

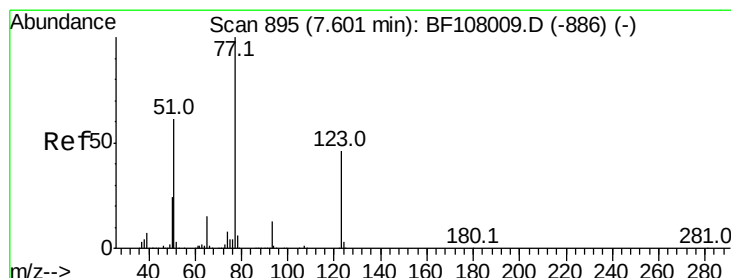
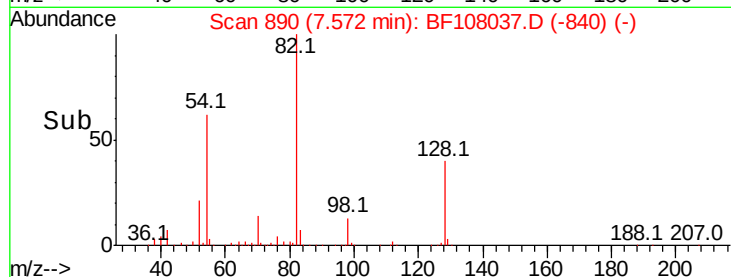
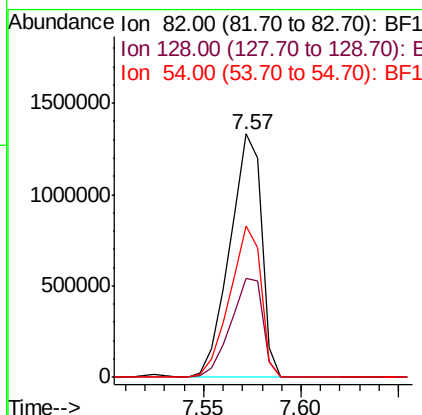
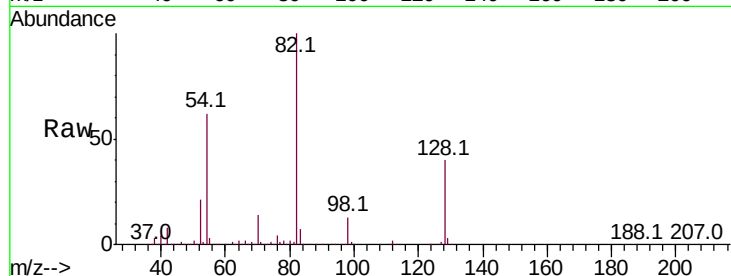




#23
Nitrobenzene-d5
Concen: 78.875 ng
RT: 7.57 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF108037.D
Acq: 8 Aug 2018 23:22

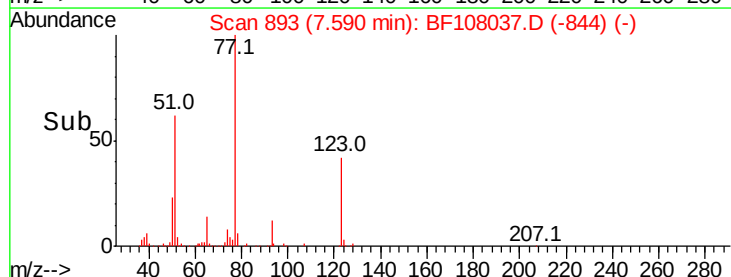
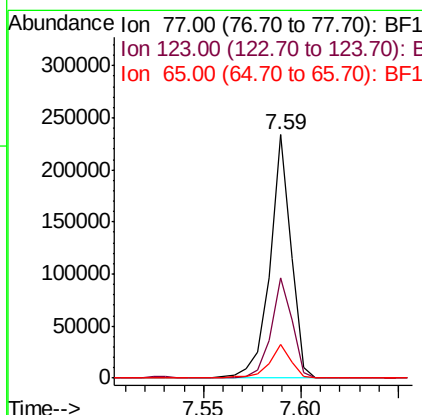
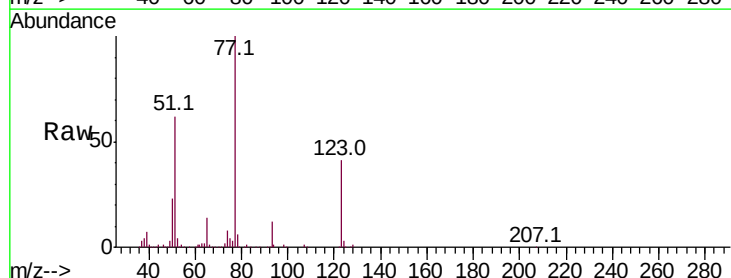
Instrument :
BNA_F
ClientSampleId :

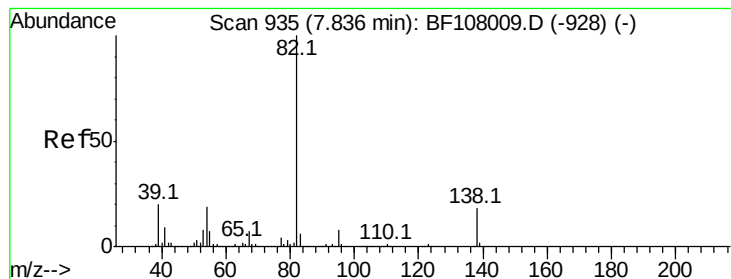
Tot Ion: 82 Resp: 1500867
Ion Ratio Lower Upper
82 100
128 40.5 36.1 54.1
54 62.4 41.4 62.2#



#24
Nitrobenzene
Concen: 9.057 ng
RT: 7.59 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF108037.D
Acq: 8 Aug 2018 23:22

Tgt Ion: 77 Resp: 174265
Ion Ratio Lower Upper
77 100
123 41.4 37.9 56.9
65 14.0 11.0 16.4





#25

Isophorone

Concen: 8.365 ng

RT: 7.82 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF108037.D

Acq: 8 Aug 2018 23:22

Instrument :

BNA_F

ClientSampleId :

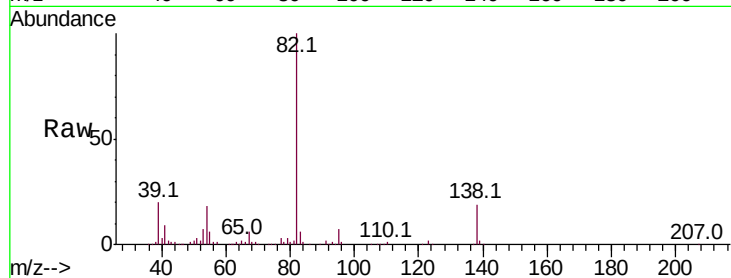
Tot Ion: 82 Resp: 303389

Ion Ratio Lower Upper

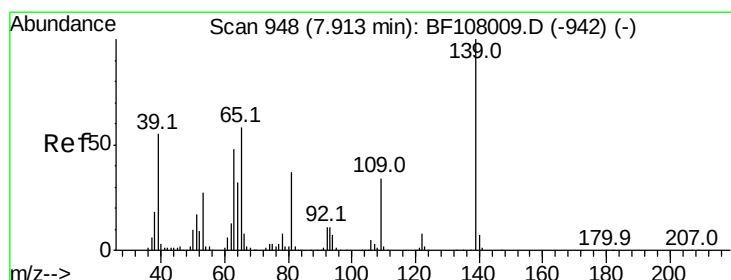
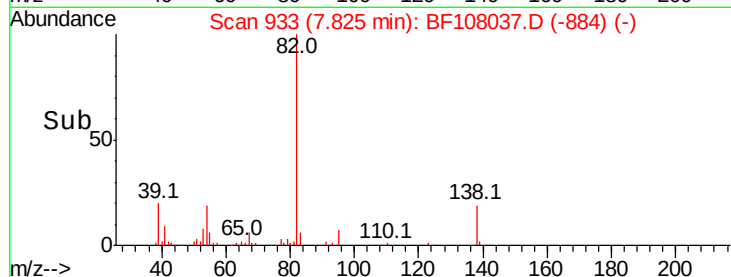
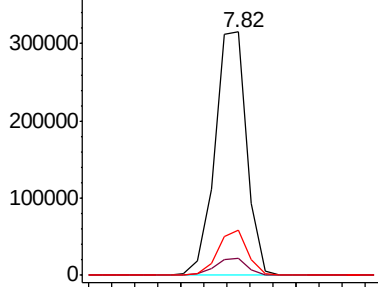
82 100

95 6.8 5.2 7.8

138 18.6 14.9 22.3



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



#26

2-Nitrophenol

Concen: 7.364 ng

RT: 7.91 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF108037.D

Acq: 8 Aug 2018 23:22

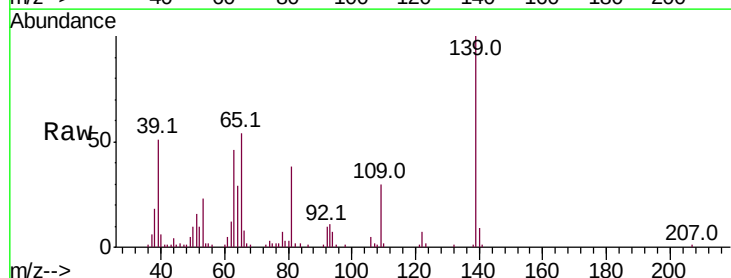
Tgt Ion: 139 Resp: 53511

Ion Ratio Lower Upper

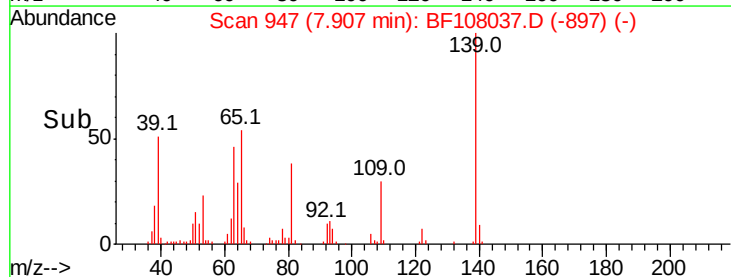
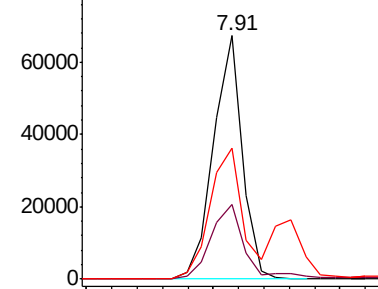
139 100

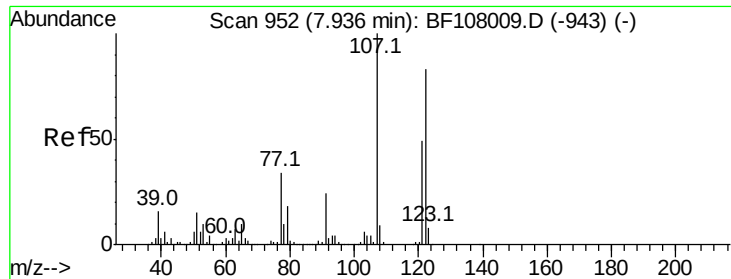
109 30.5 22.7 34.1

65 53.9 40.5 60.7



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

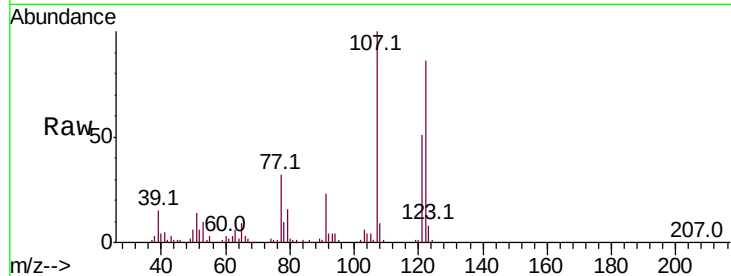




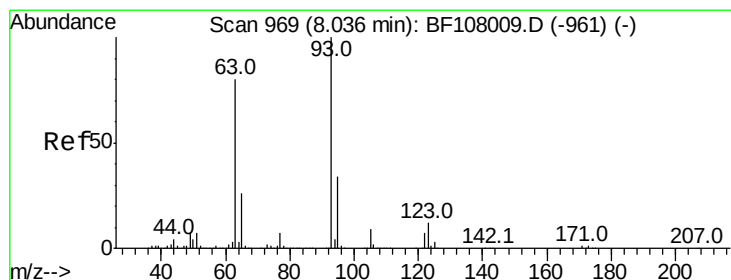
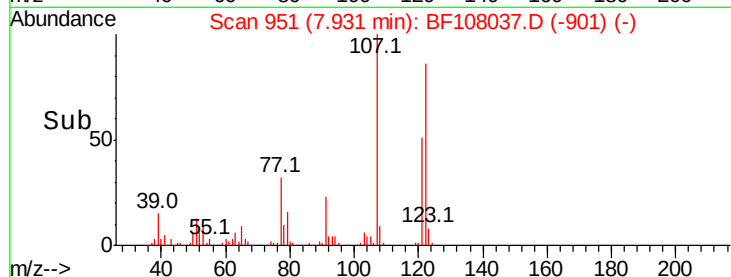
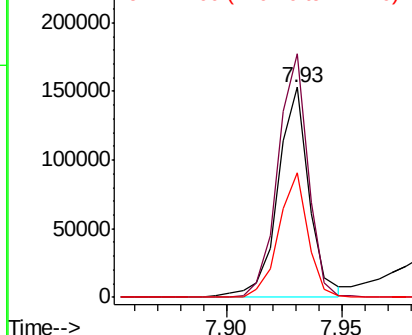
#27
 2,4-Dimethylphenol
 Concen: 8.871 ng
 RT: 7.93 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF108037.D
 Acq: 8 Aug 2018 23:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.0	91.2	136.8
121	59.3	47.2	70.8

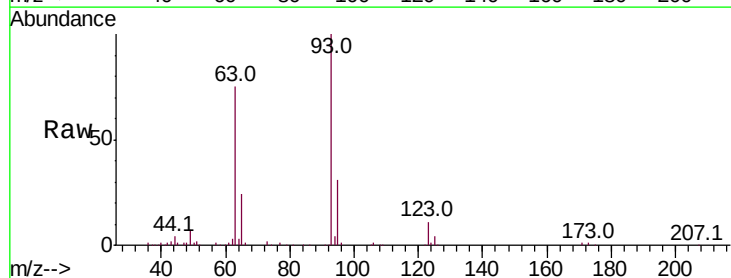


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

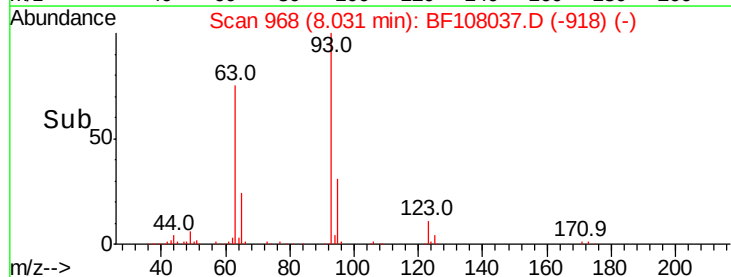
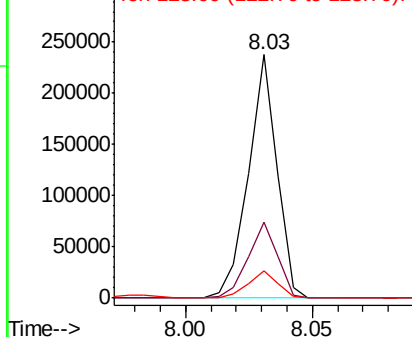


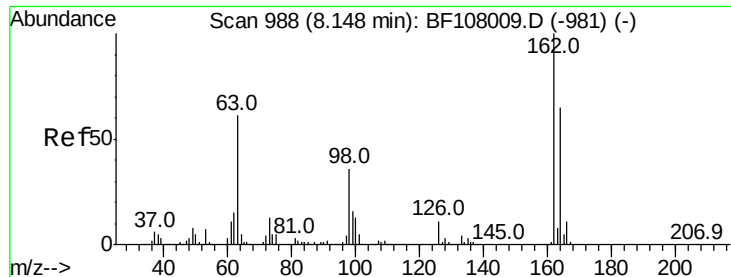
#28
 bis(2-Chloroethoxy)methane
 Concen: 8.779 ng
 RT: 8.03 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BF108037.D
 Acq: 8 Aug 2018 23:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.4	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

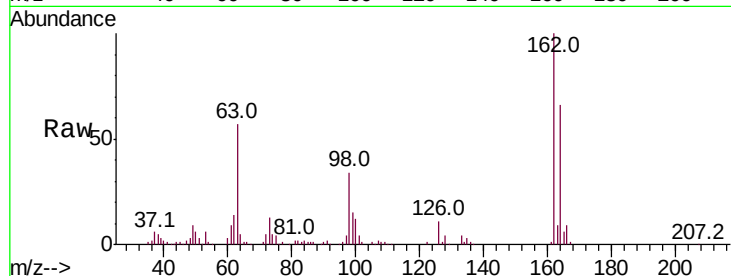




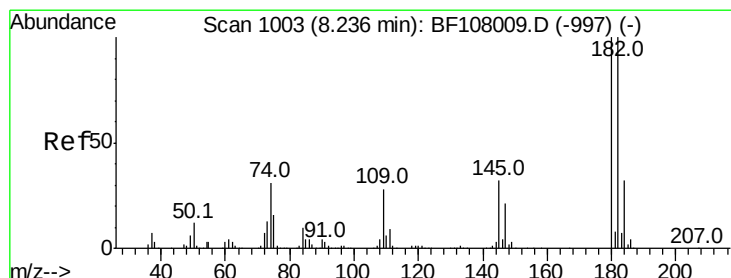
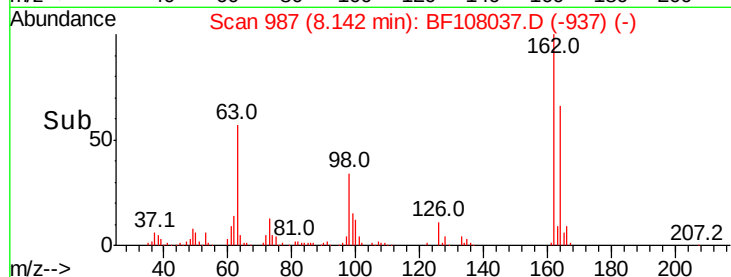
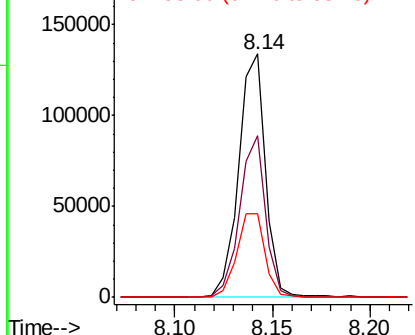
#29
2,4-Dichlorophenol
Concen: 8.644 ng
RT: 8.14 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF108037.D
Acq: 8 Aug 2018 23:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 128050
Ion Ratio Lower Upper
162 100
164 66.5 42.7 82.7
98 34.3 18.1 58.1

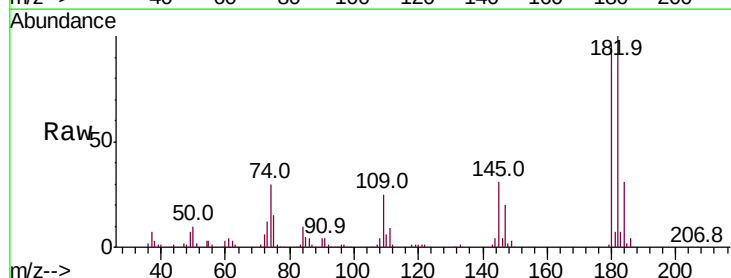


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

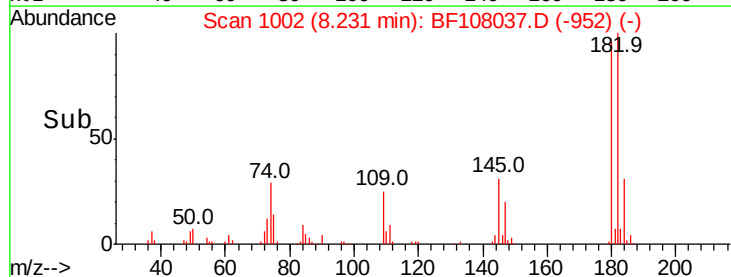
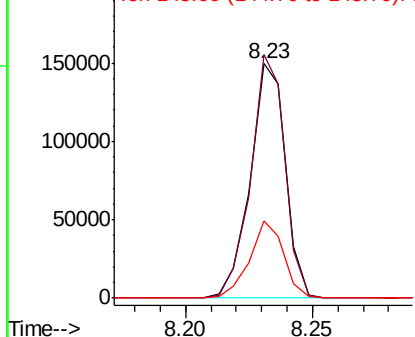


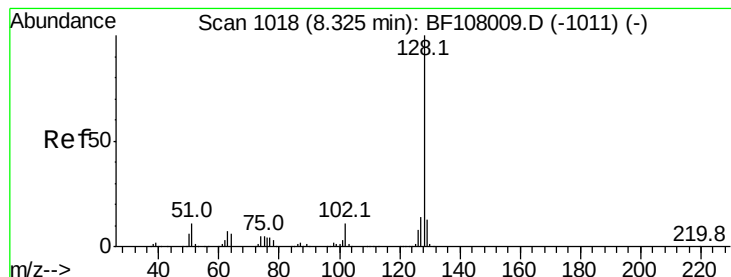
#30
1,2,4-Trichlorobenzene
Concen: 8.830 ng
RT: 8.23 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF108037.D
Acq: 8 Aug 2018 23:22

Tgt Ion:180 Resp: 144215
Ion Ratio Lower Upper
180 100
182 104.0 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: 9.419 ng

RT: 8.32 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF108037.D

Acq: 8 Aug 2018 23:22

Instrument :

BNA_F

ClientSampleId :

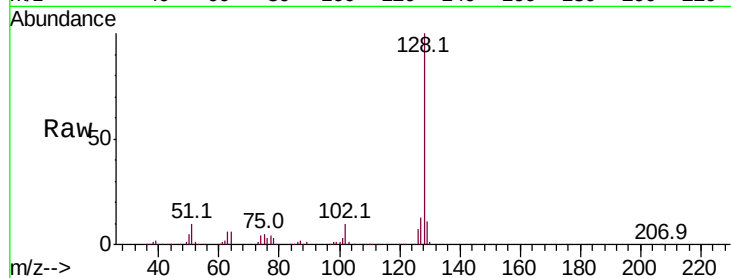
Tot Ion:128 Resp: 454834

Ion Ratio Lower Upper

128 100

129 10.6 8.8 13.2

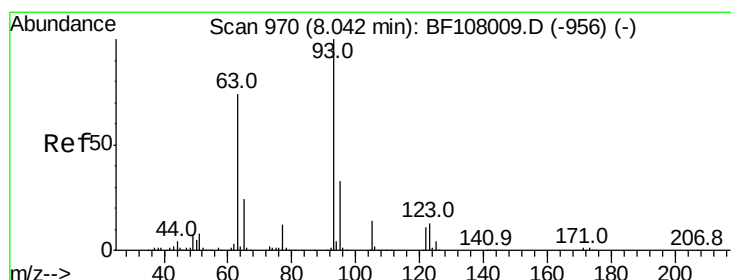
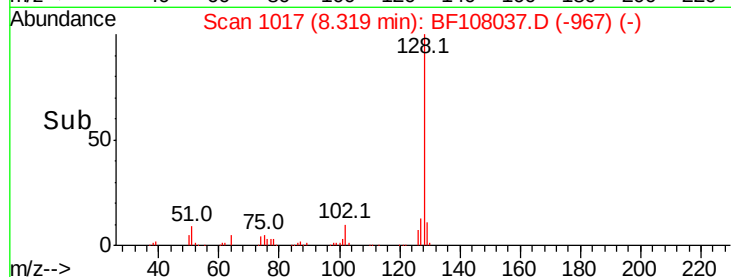
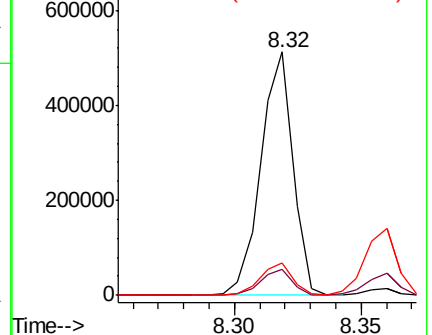
127 13.3 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 9.709 ng

RT: 7.98 min Scan# 960

Delta R.T. -0.06 min

Lab File: BF108037.D

Acq: 8 Aug 2018 23:22

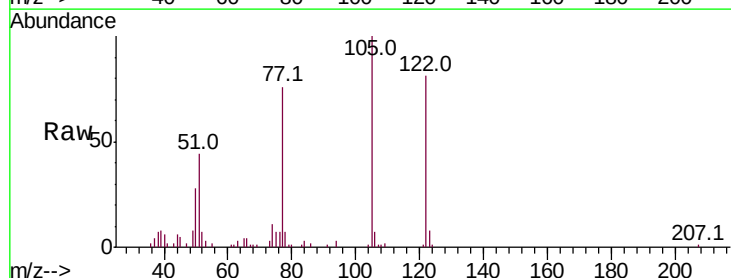
Tgt Ion:122 Resp: 39842

Ion Ratio Lower Upper

122 100

105 123.6 101.1 141.1

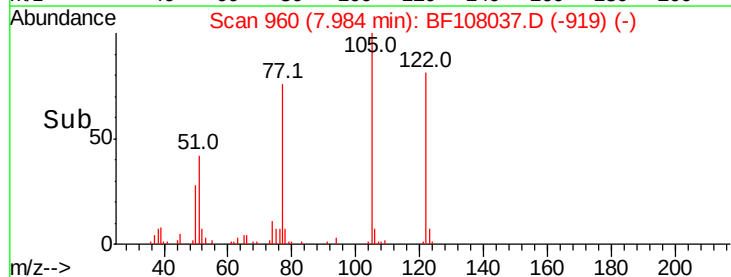
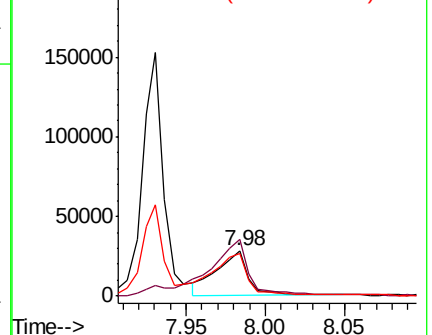
77 94.4 70.7 110.7

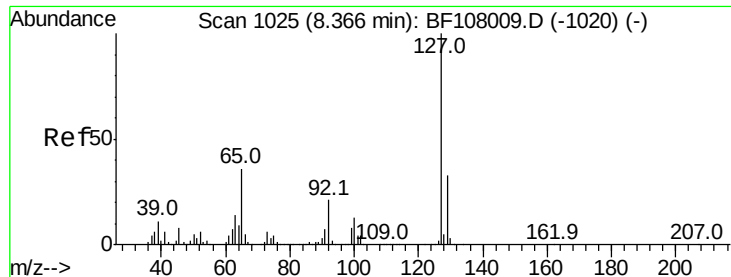


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

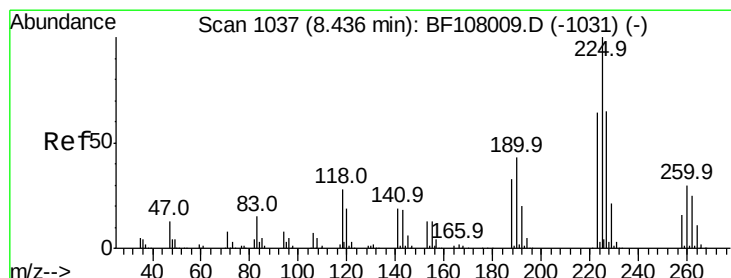
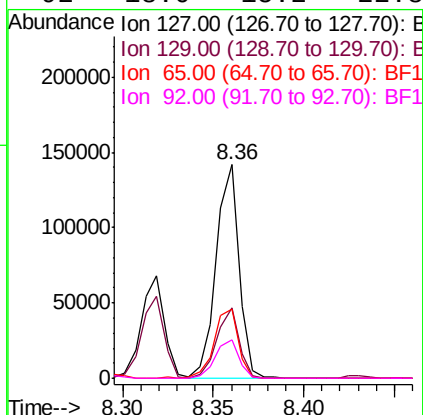
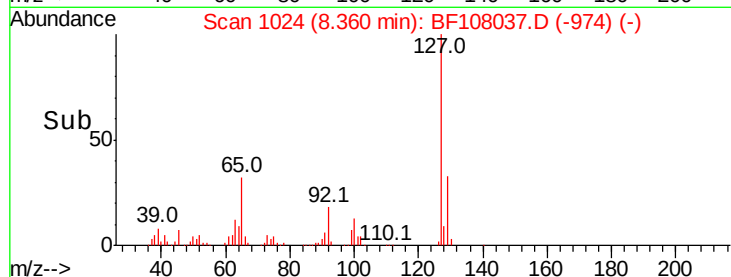
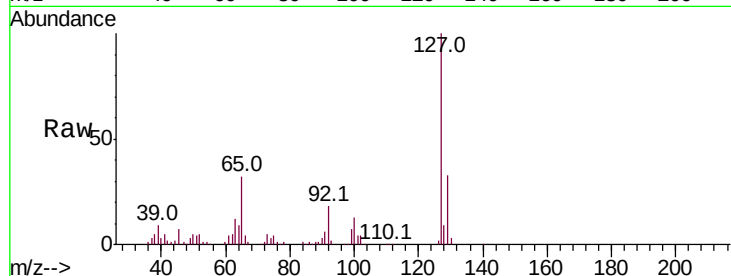




#33
4-Chloroaniline
Concen: 5.936 ng
RT: 8.36 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF108037.D
Acq: 8 Aug 2018 23:22

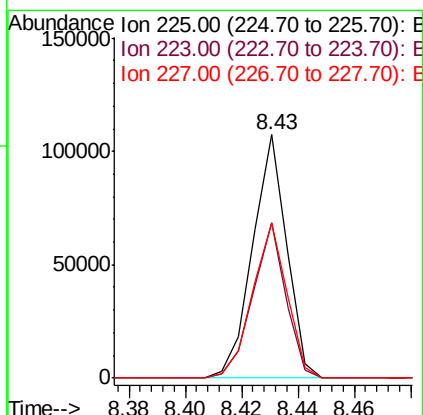
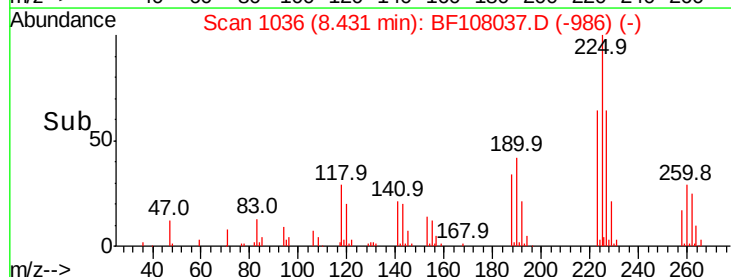
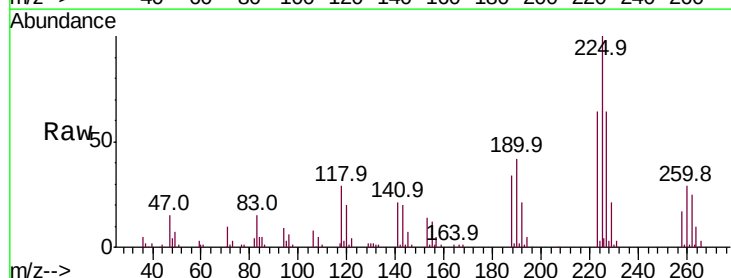
Instrument :
BNA_F
ClientSampleId :

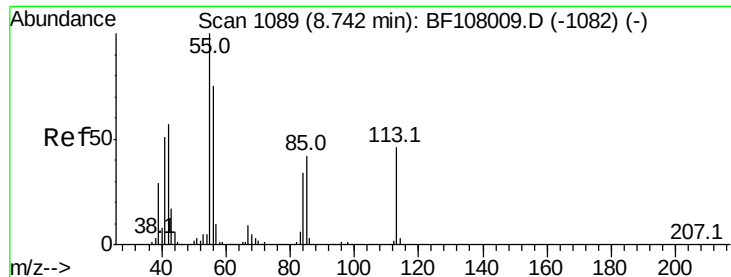
Tot Ion:	127	Resp:	124914
Ion	Ratio	Lower	Upper
127	100		
129	33.1	25.9	38.9
65	32.2	25.0	37.4
92	18.0	15.2	22.8



#34
Hexachlorobutadiene
Concen: 8.688 ng
RT: 8.43 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF108037.D
Acq: 8 Aug 2018 23:22

Tgt Ion:	225	Resp:	89831
Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.6	76.0
227	63.5	51.9	77.9

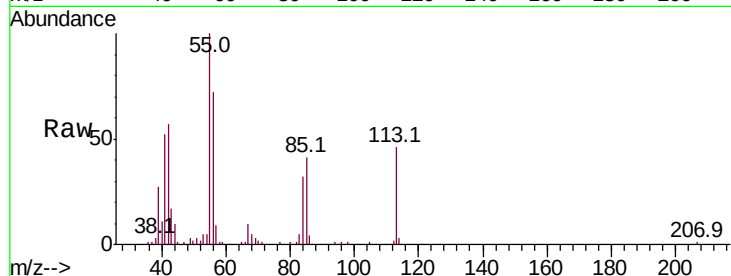




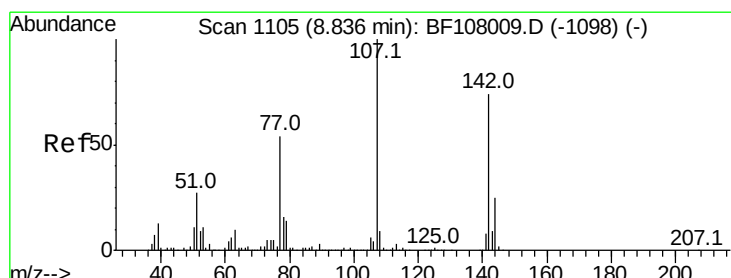
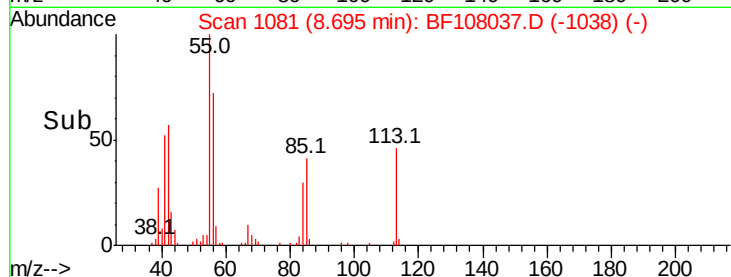
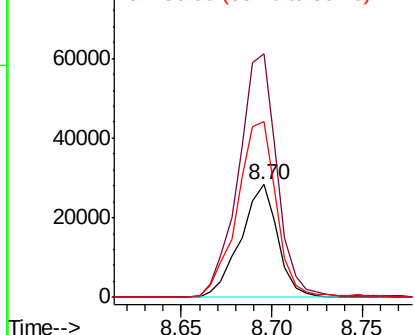
#35
 Caprolactam
 Concen: 8.664 ng
 RT: 8.70 min Scan# 1081
 Delta R.T. -0.05 min
 Lab File: BF108037.D
 Acq: 8 Aug 2018 23:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 40219
 Ion Ratio Lower Upper
 113 100
 55 215.9 163.3 203.3#
 56 156.5 115.7 155.7#

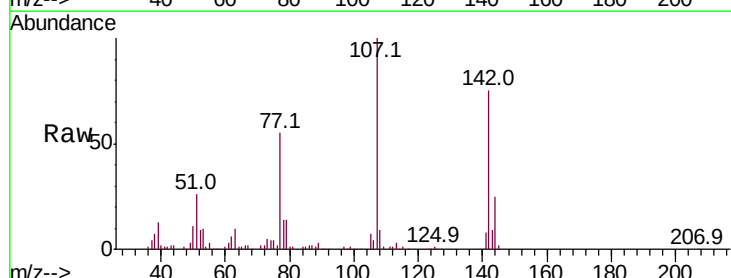


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

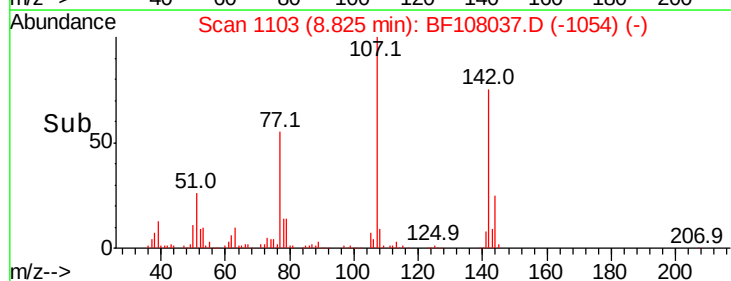
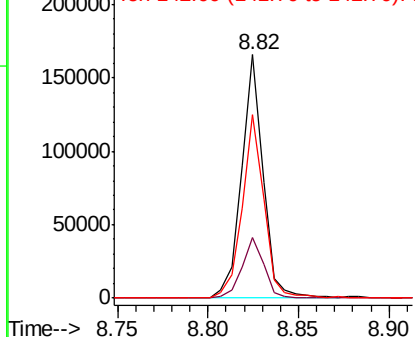


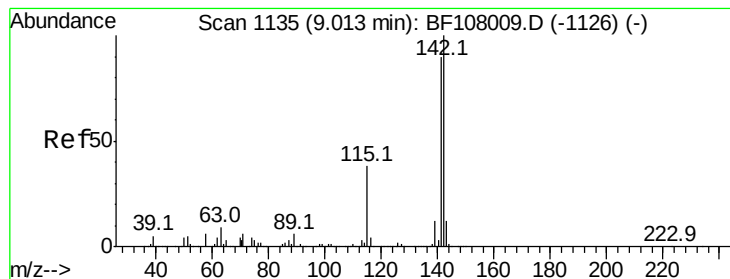
#36
 4-Chloro-3-methylphenol
 Concen: 8.610 ng
 RT: 8.82 min Scan# 1103
 Delta R.T. -0.01 min
 Lab File: BF108037.D
 Acq: 8 Aug 2018 23:22

Tgt Ion:107 Resp: 137602
 Ion Ratio Lower Upper
 107 100
 144 24.7 20.5 30.7
 142 75.2 62.0 93.0



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





#37

2-Methylnaphthalene

Concen: 9.180 ng

RT: 9.01 min Scan# 1134

Delta R.T. -0.01 min

Lab File: BF108037.D

Acq: 8 Aug 2018 23:22

Instrument :

BNA_F

ClientSampled :

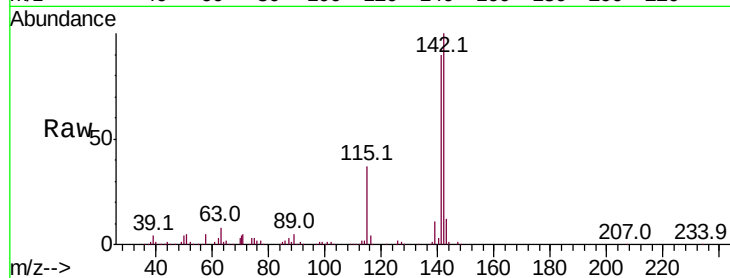
Tot Ion:142 Resp: 313641

Ion Ratio Lower Upper

142 100

141 89.6 70.8 106.2

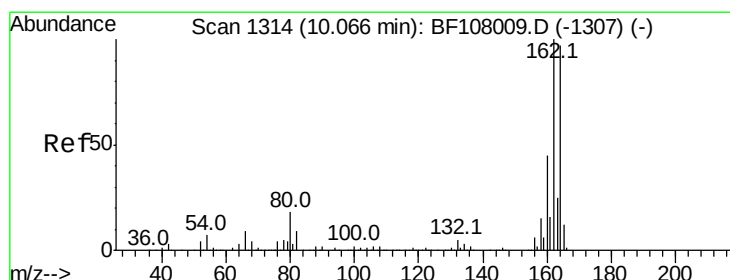
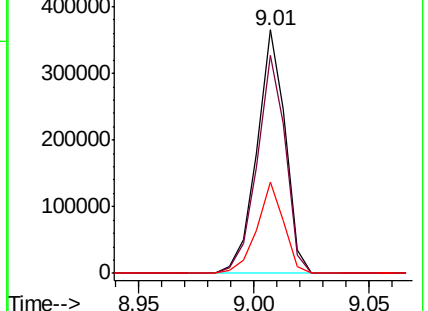
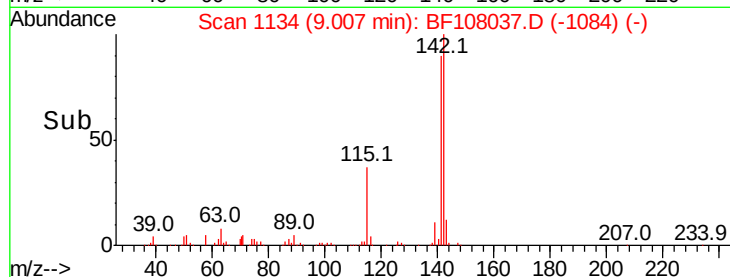
115 37.4 26.1 39.1



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: 10.06 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF108037.D

Acq: 8 Aug 2018 23:22

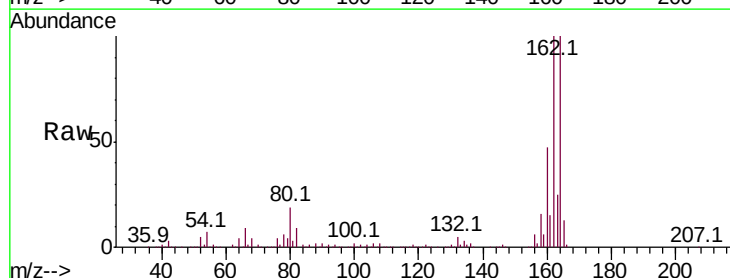
Tgt Ion:164 Resp: 563361

Ion Ratio Lower Upper

164 100

162 100.5 86.1 129.1

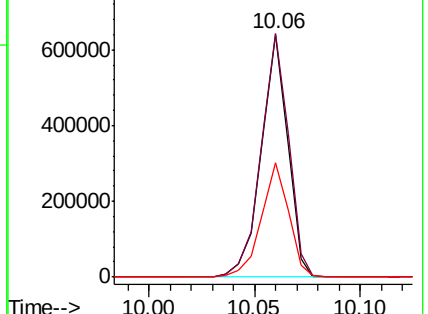
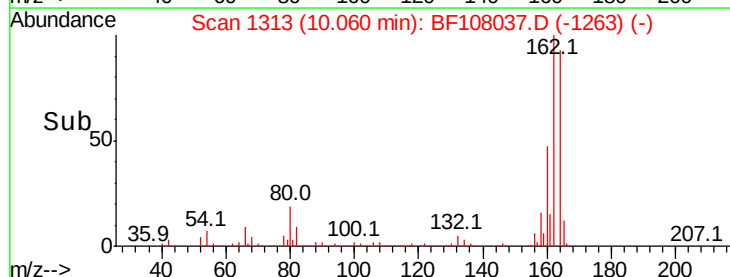
160 47.1 38.3 57.5

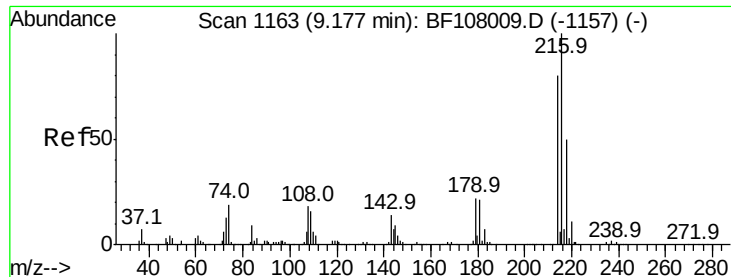


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

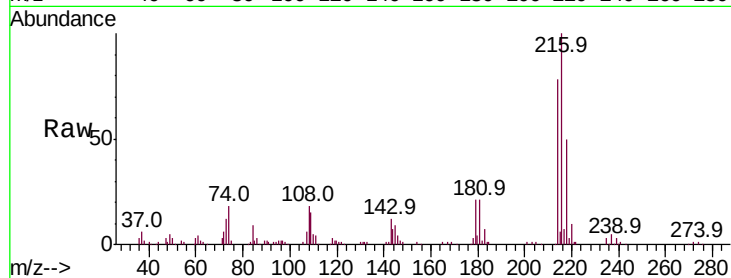




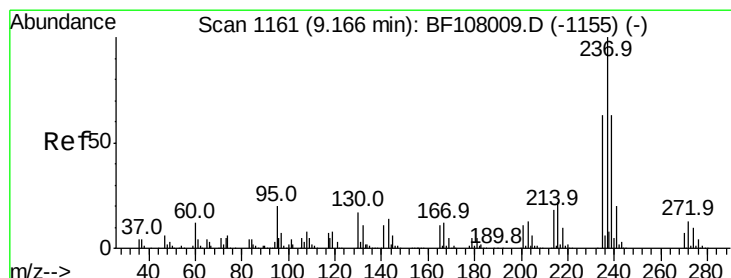
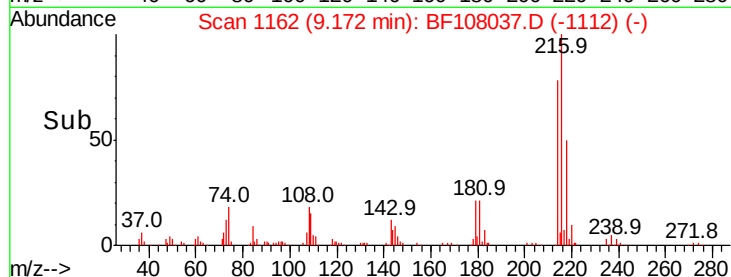
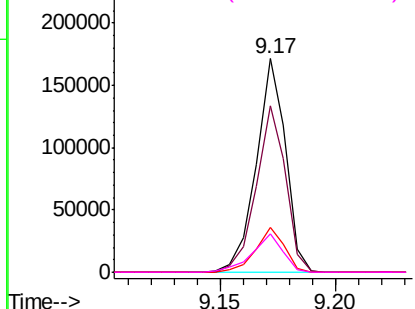
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 8.773 ng
 RT: 9.17 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: BF108037.D
 Acq: 8 Aug 2018 23:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	151773
Ion	Ratio	Lower	Upper
216	100		
214	77.9	63.0	94.4
179	20.5	18.1	27.1
108	19.0	17.2	25.8

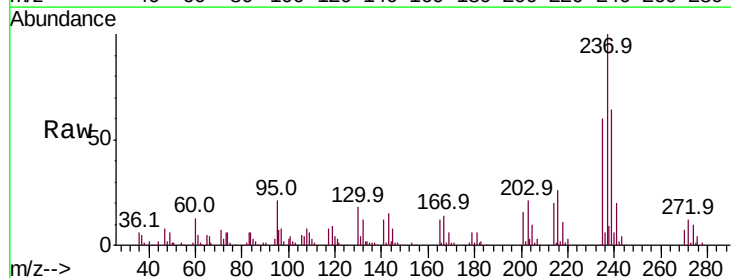


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

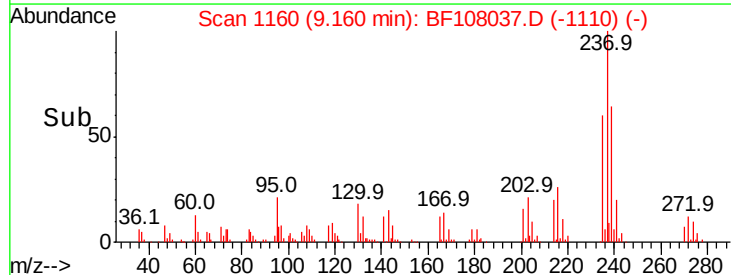
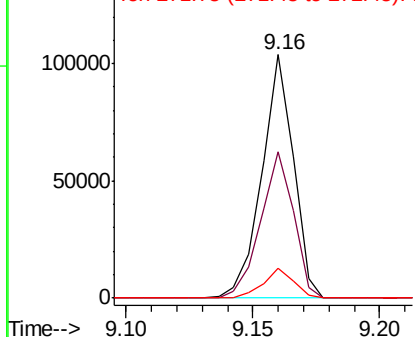


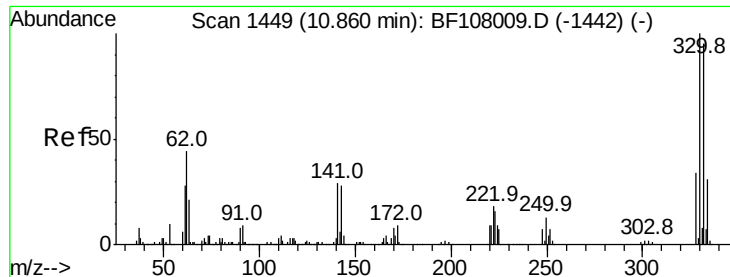
#40
 Hexachlorocyclopentadiene
 Concen: 8.038 ng
 RT: 9.16 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BF108037.D
 Acq: 8 Aug 2018 23:22

Tgt Ion:	237	Resp:	89825
Ion	Ratio	Lower	Upper
237	100		
235	60.2	44.8	84.8
272	12.1	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

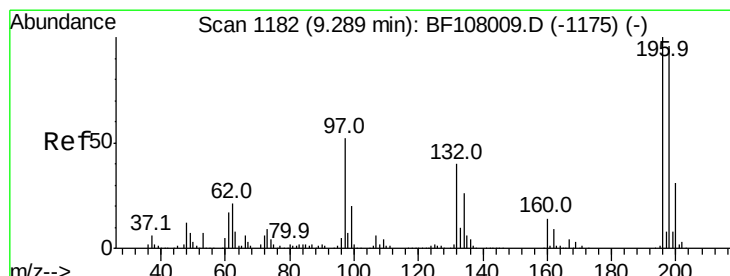
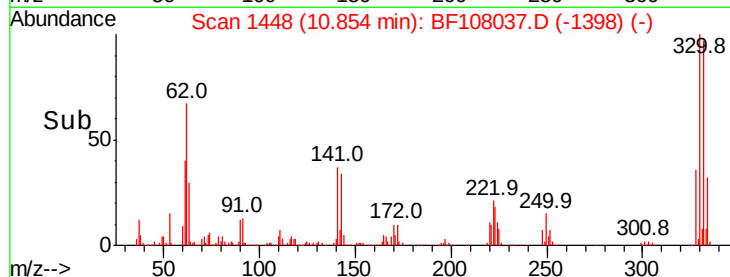
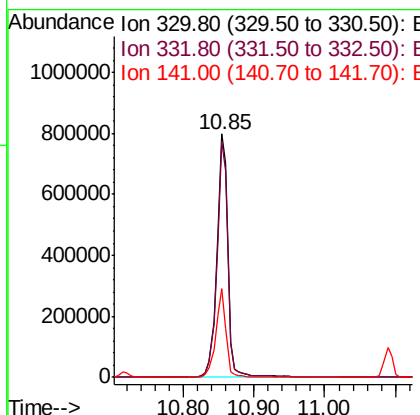
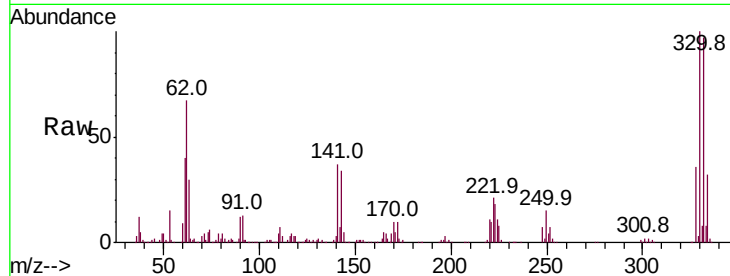




#41
 2,4,6-Tribromophenol
 Concen: 155.683 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF108037.D
 Acq: 8 Aug 2018 23:22

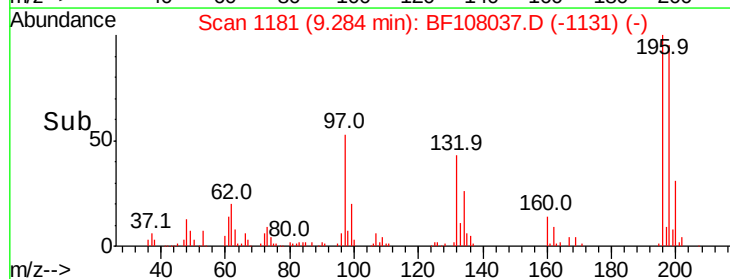
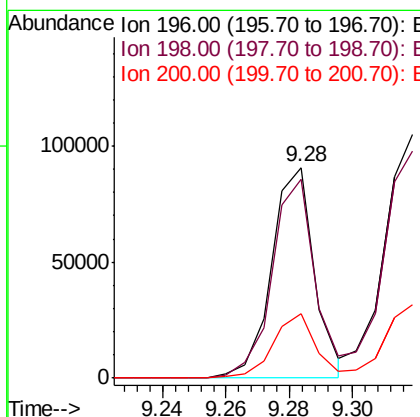
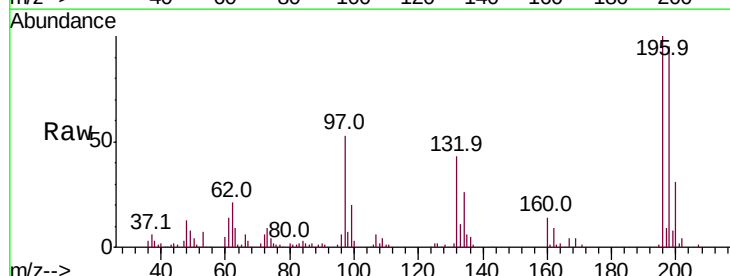
Instrument :
 BNA_F
 ClientSampled :

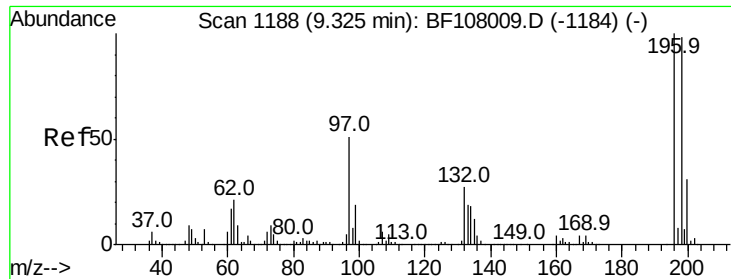
Tot Ion:330 Resp: 874842
 Ion Ratio Lower Upper
 330 100
 332 94.6 77.0 115.6
 141 34.0 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 7.968 ng
 RT: 9.28 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF108037.D
 Acq: 8 Aug 2018 23:22

Tgt Ion:196 Resp: 85547
 Ion Ratio Lower Upper
 196 100
 198 94.8 75.7 113.5
 200 30.7 24.5 36.7

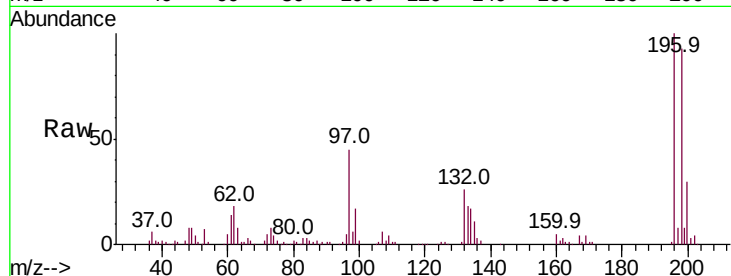




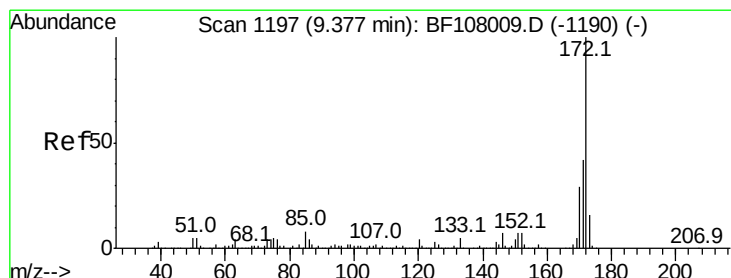
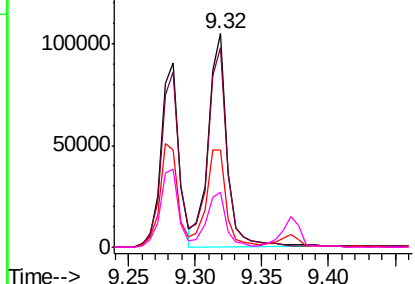
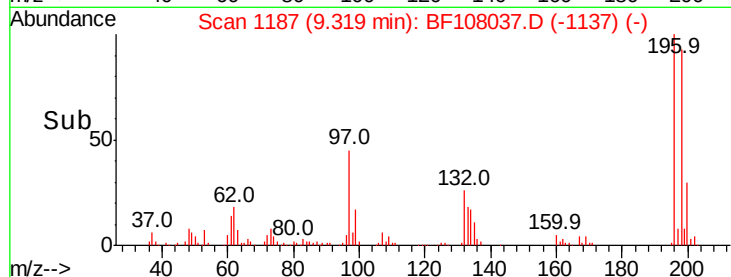
#43
 2,4,5-Trichlorophenol
 Concen: 8.771 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF108037.D
 Acq: 8 Aug 2018 23:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 103657
 Ion Ratio Lower Upper
 196 100
 198 93.2 74.6 112.0
 97 45.4 42.9 64.3
 132 25.8 26.3 39.5#

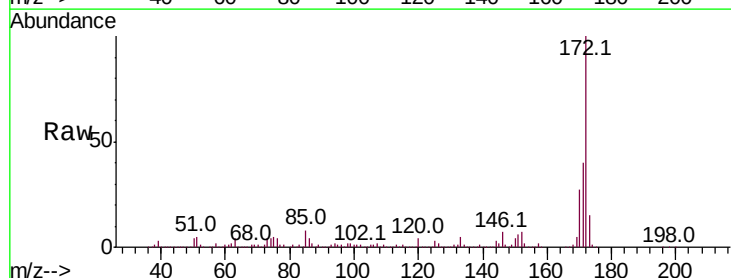


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

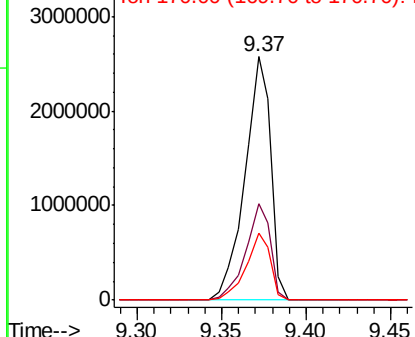
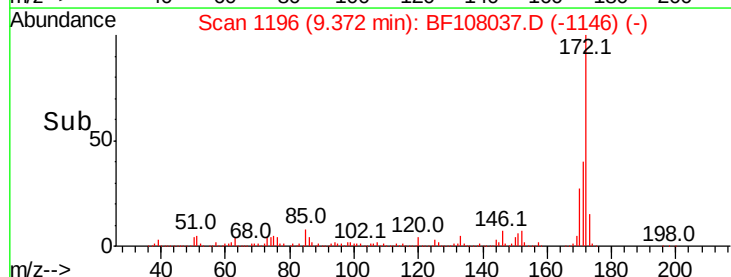


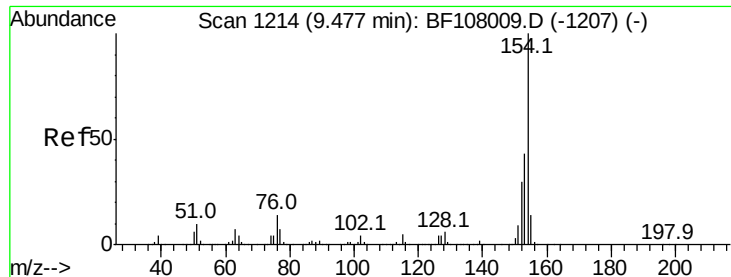
#44
 2-Fluorobiphenyl
 Concen: 78.491 ng
 RT: 9.37 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF108037.D
 Acq: 8 Aug 2018 23:22

Tgt Ion:172 Resp: 2754269
 Ion Ratio Lower Upper
 172 100
 171 39.7 29.7 44.5
 170 27.4 19.6 29.4



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





#45

1,1'-Biphenyl

Concen: 9.426 ng

RT: 9.47 min Scan# 1213

Delta R.T. -0.01 min

Lab File: BF108037.D

Acq: 8 Aug 2018 23:22

Instrument :

BNA_F

ClientSampleId :

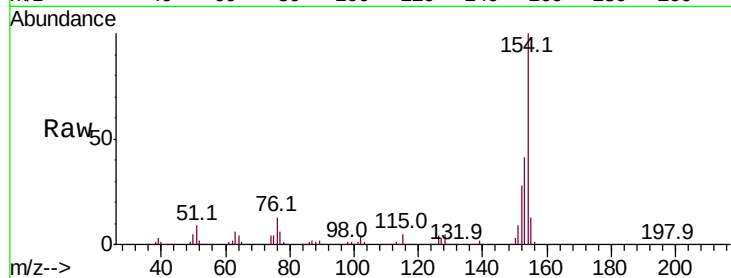
Tot Ion:154 Resp: 391519

Ion Ratio Lower Upper

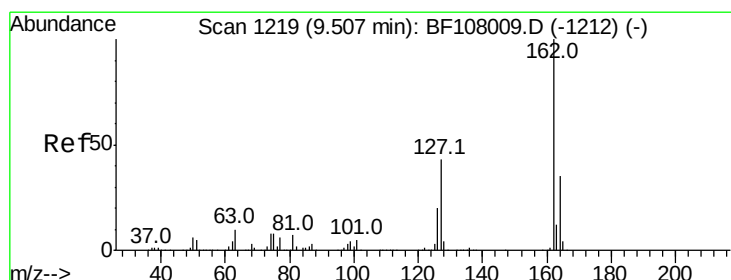
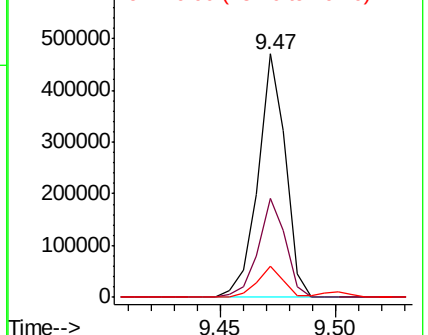
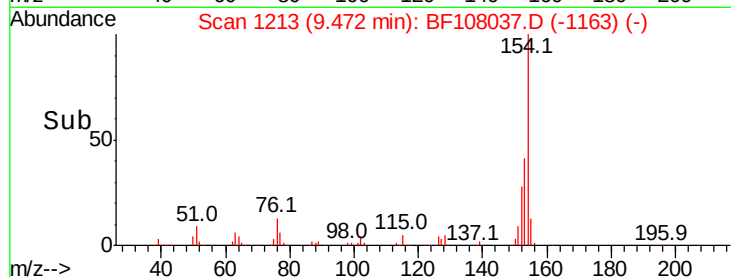
154 100

153 40.7 21.3 61.3

76 12.7 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: 9.256 ng

RT: 9.50 min Scan# 1218

Delta R.T. -0.01 min

Lab File: BF108037.D

Acq: 8 Aug 2018 23:22

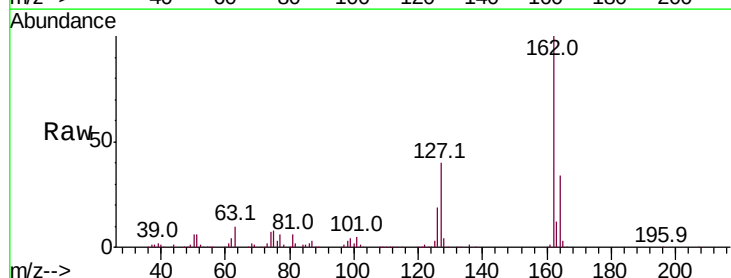
Tgt Ion:162 Resp: 303876

Ion Ratio Lower Upper

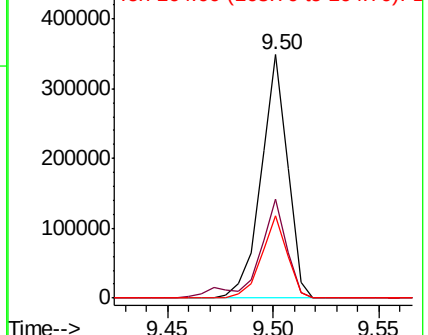
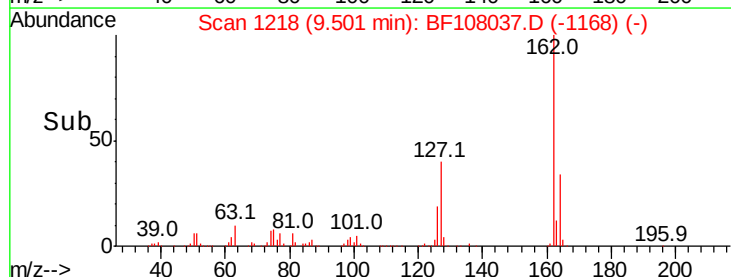
162 100

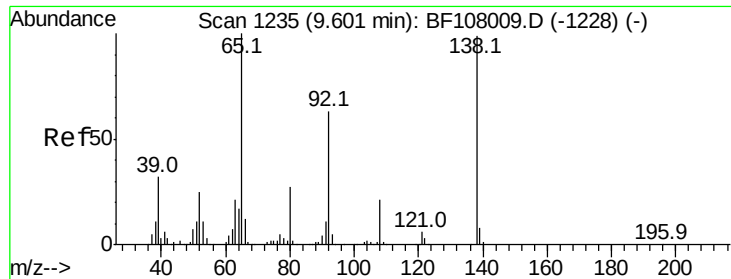
127 40.4 33.9 50.9

164 33.6 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

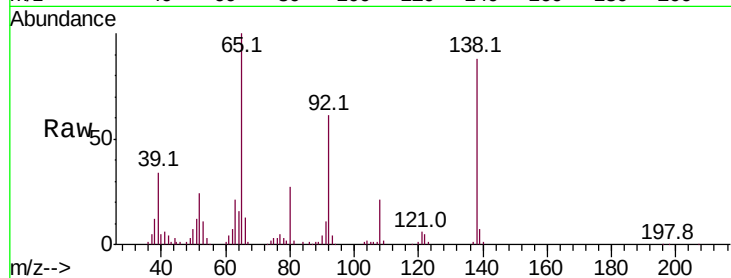




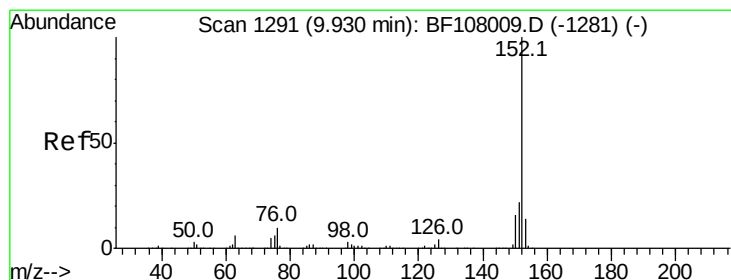
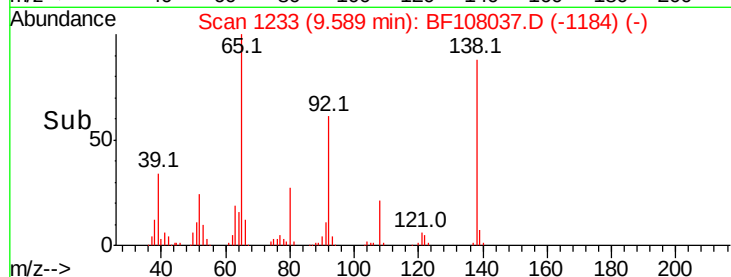
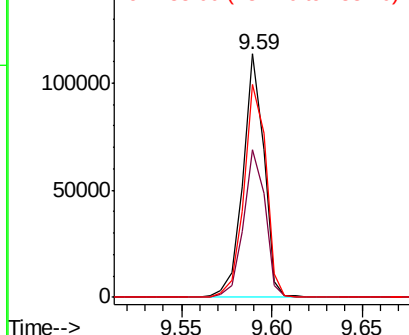
#47
2-Nitroaniline
Concen: 8.613 ng
RT: 9.59 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BF108037.D
Acq: 8 Aug 2018 23:22

Instrument :
BNA_F
ClientSampleID :

Tot Ion: 65 Resp: 91491
Ion Ratio Lower Upper
65 100
92 60.8 55.8 83.6
138 87.6 91.2 136.8#

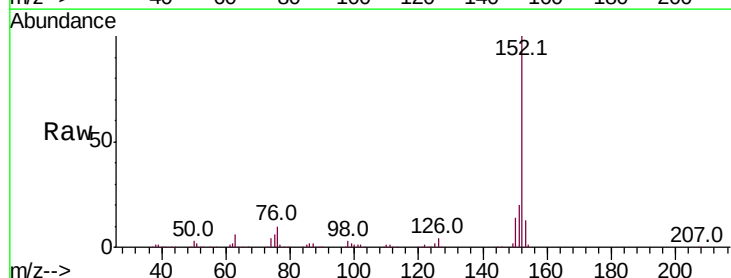


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

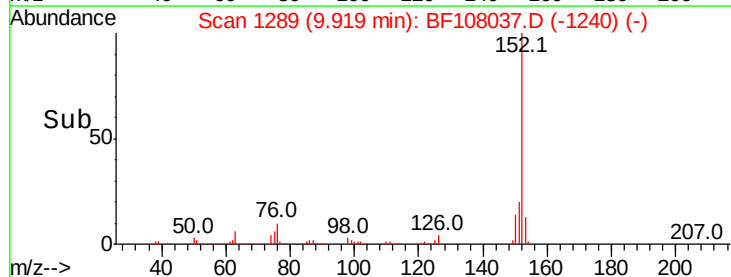
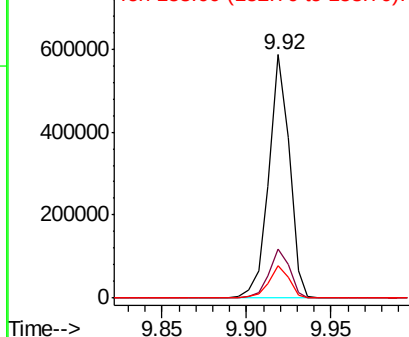


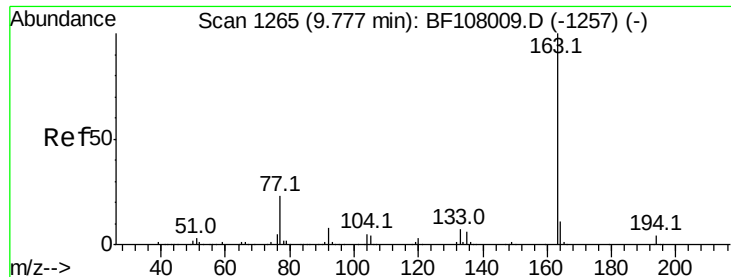
#48
Acenaphthylene
Concen: 9.548 ng
RT: 9.92 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BF108037.D
Acq: 8 Aug 2018 23:22

Tgt Ion: 152 Resp: 495542
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 13.3 10.7 16.1



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

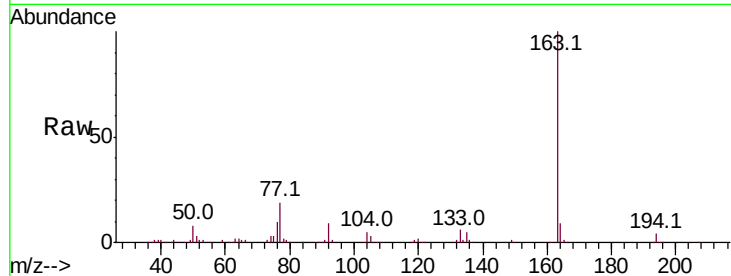




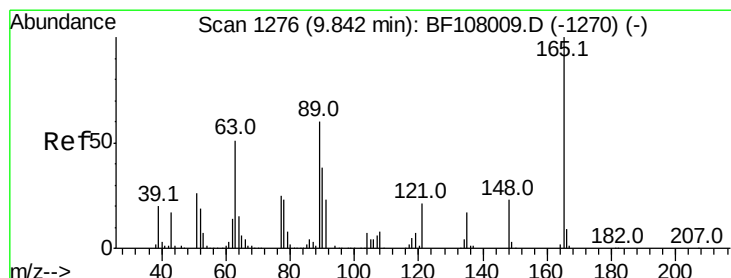
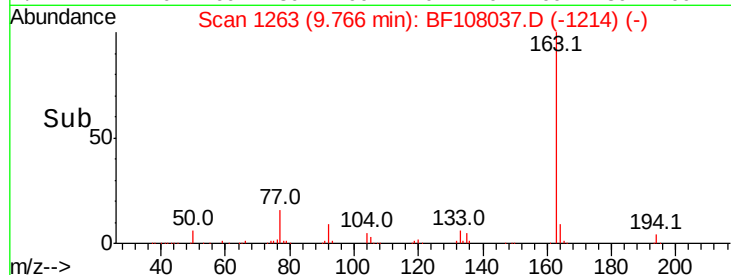
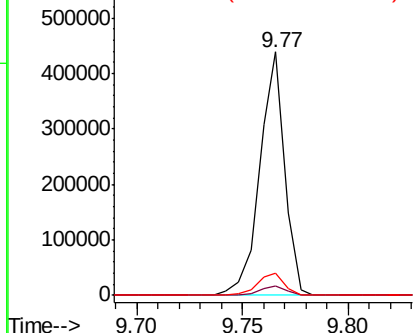
#49
Dimethylphthalate
Concen: 9.172 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF108037.D
Acq: 8 Aug 2018 23:22

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	9.4	8.2	12.2

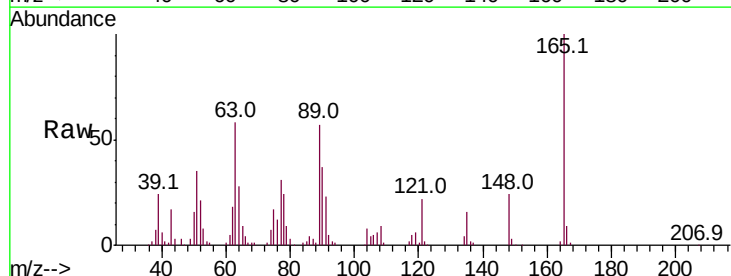


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

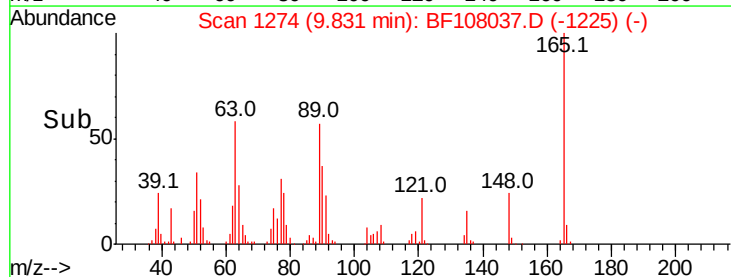
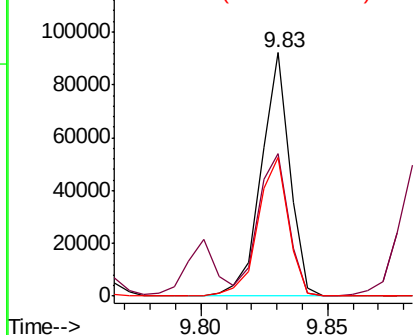


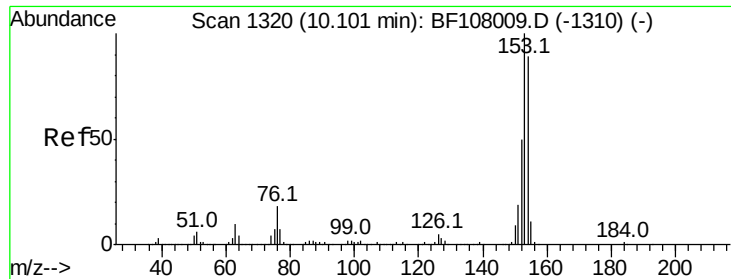
#50
2,6-Dinitrotoluene
Concen: 8.815 ng
RT: 9.83 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF108037.D
Acq: 8 Aug 2018 23:22

Tgt Ion	Ratio	Lower	Upper
165	100		
63	58.4	44.7	67.1
89	57.1	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: 9.266 ng

RT: 10.10 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF108037.D

Acq: 8 Aug 2018 23:22

Instrument :

BNA_F

ClientSampleId :

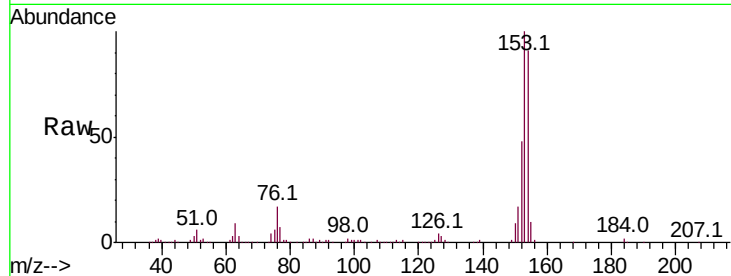
Tot Ion:154 Resp: 294566

Ion Ratio Lower Upper

154 100

153 109.5 91.2 136.8

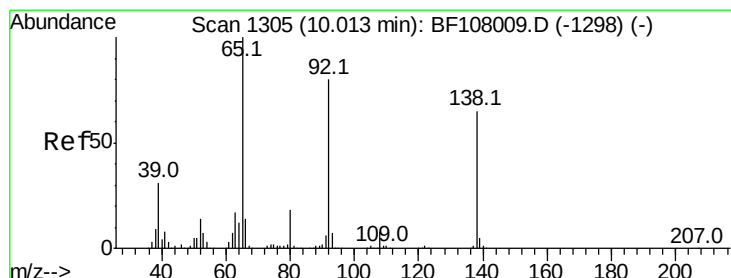
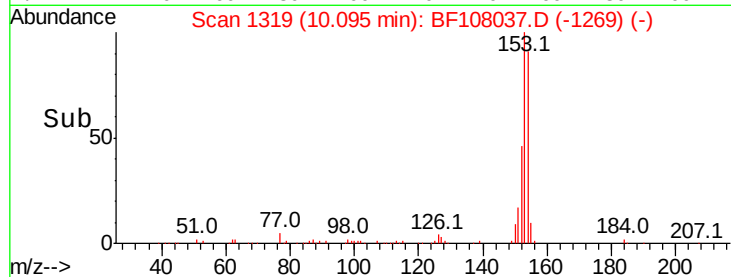
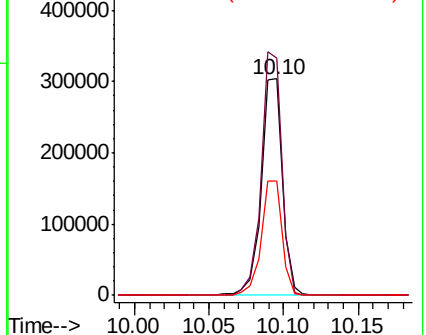
152 52.7 43.8 65.8



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: 7.299 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF108037.D

Acq: 8 Aug 2018 23:22

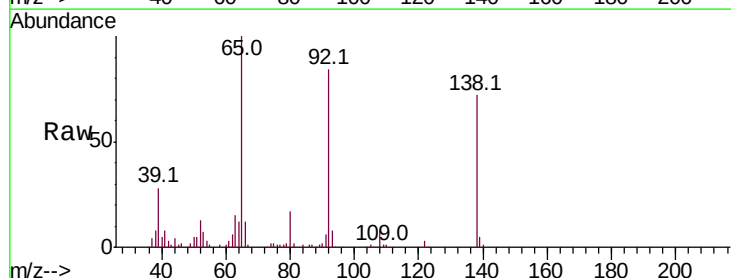
Tgt Ion:138 Resp: 65572

Ion Ratio Lower Upper

138 100

108 11.3 9.4 14.0

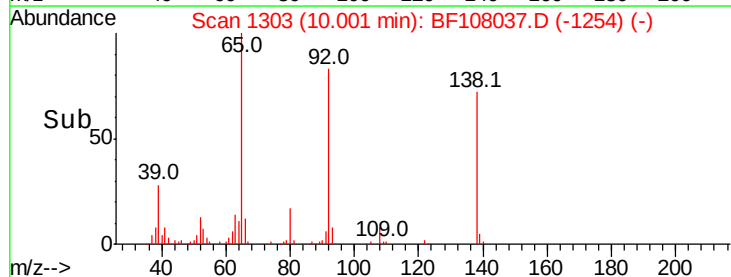
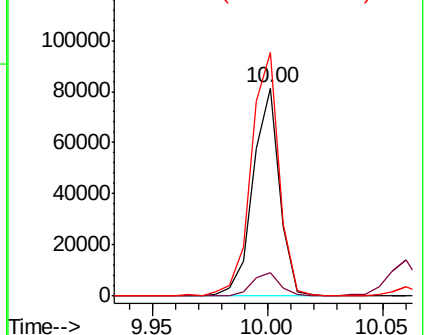
92 117.0 89.4 134.2

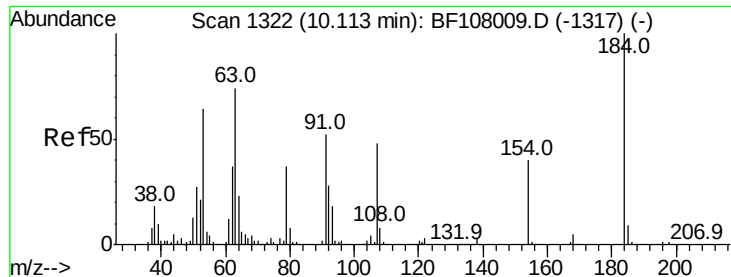


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

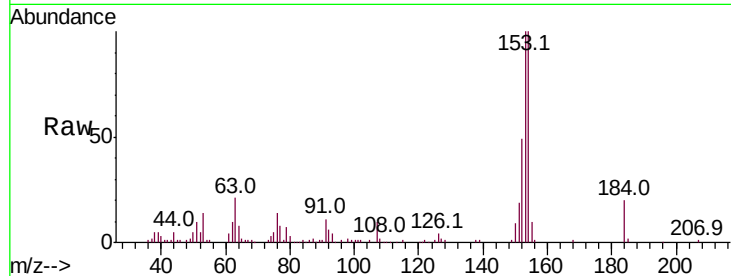




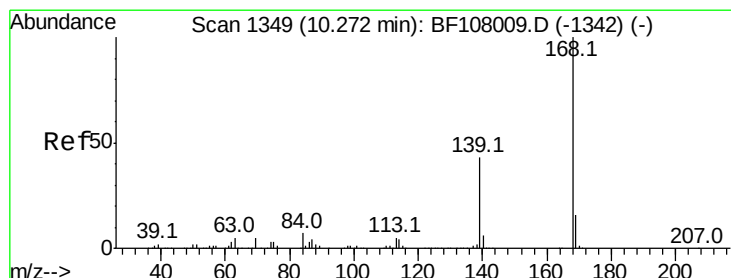
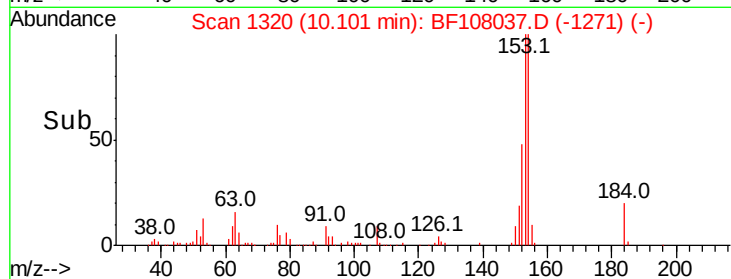
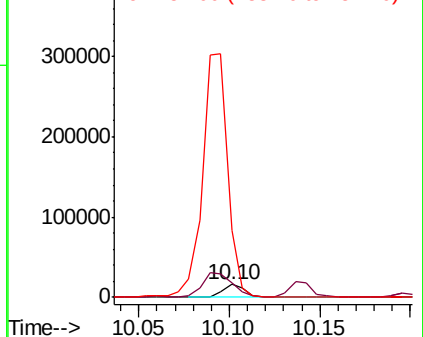
#53
 2,4-Dinitrophenol
 Concen: 11.358 ng
 RT: 10.10 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF108037.D
 Acq: 8 Aug 2018 23:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 14610
 Ion Ratio Lower Upper
 184 100
 63 106.9 54.2 81.2#
 154 506.3 184.0 276.0#

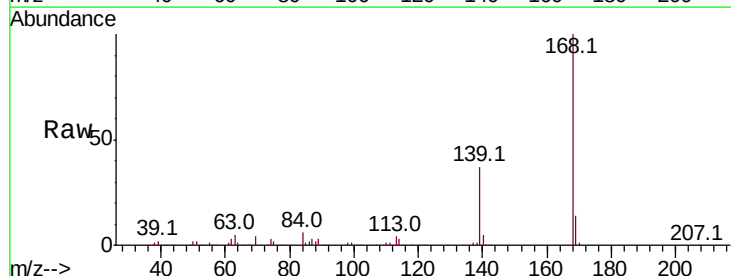


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

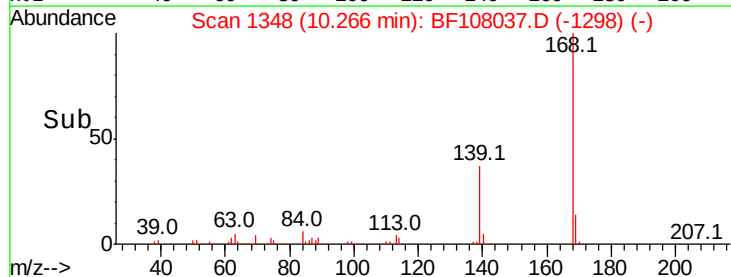
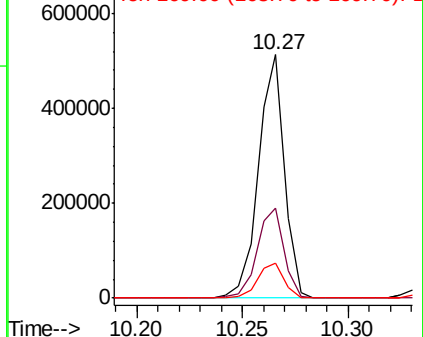


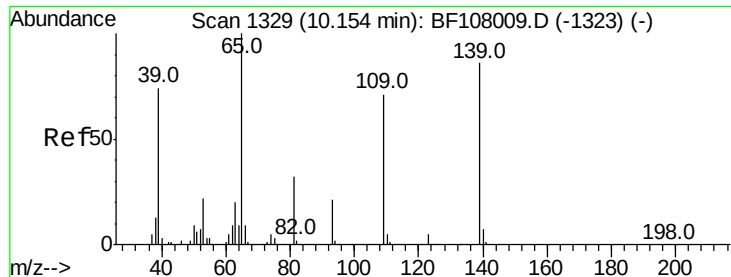
#54
 Dibenzofuran
 Concen: 9.540 ng
 RT: 10.27 min Scan# 1348
 Delta R.T. -0.01 min
 Lab File: BF108037.D
 Acq: 8 Aug 2018 23:22

Tgt Ion:168 Resp: 439349
 Ion Ratio Lower Upper
 168 100
 139 36.8 30.1 45.1
 169 14.3 10.9 16.3



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

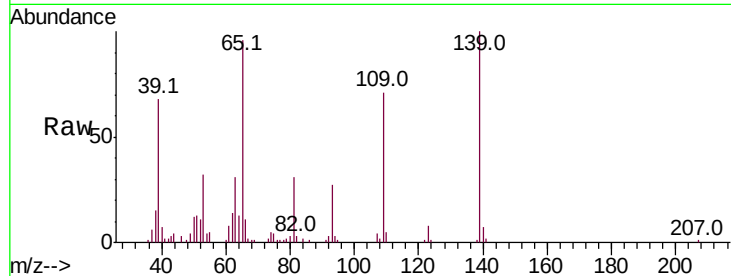




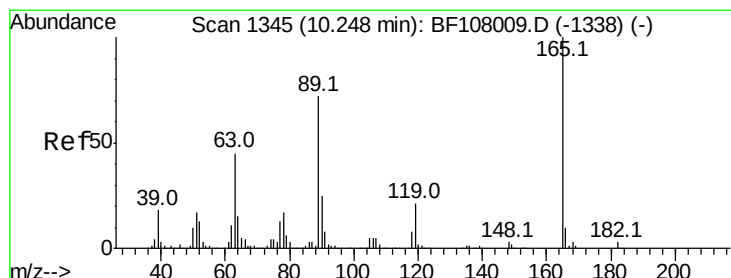
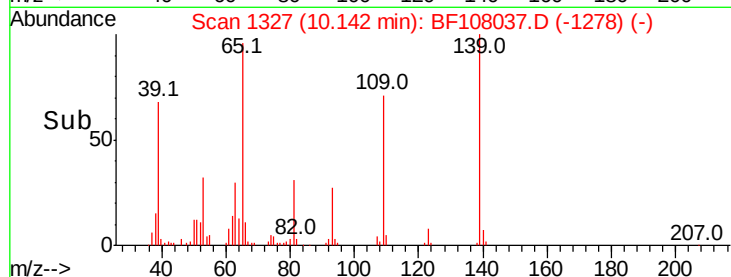
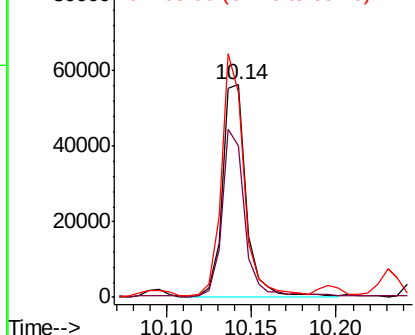
#55
4-Nitrophenol
Concen: 8.209 ng
RT: 10.14 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF108037.D
Acq: 8 Aug 2018 23:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 55840
Ion Ratio Lower Upper
139 100
109 71.2 48.4 88.4
65 96.2 72.6 112.6

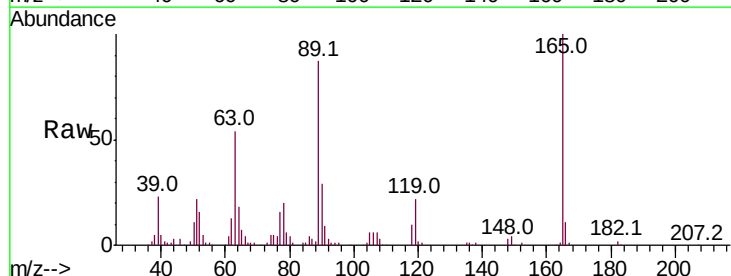


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

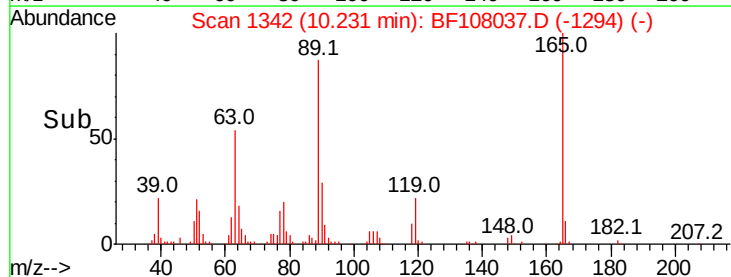
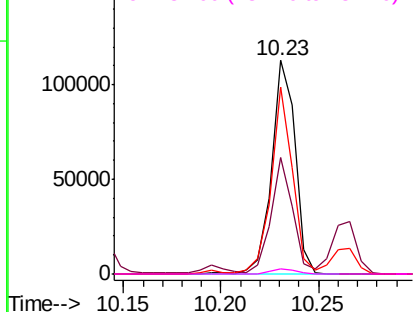


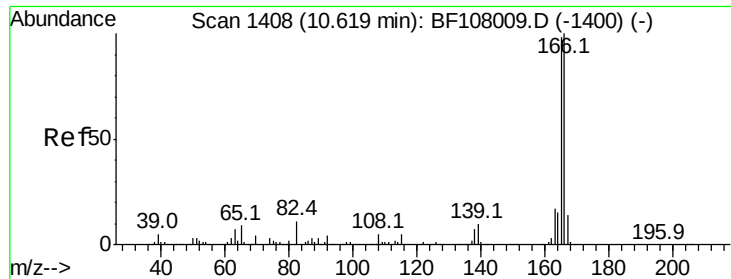
#56
2,4-Dinitrotoluene
Concen: 8.907 ng
RT: 10.23 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BF108037.D
Acq: 8 Aug 2018 23:22

Tgt Ion:165 Resp: 94136
Ion Ratio Lower Upper
165 100
63 54.5 36.4 54.6
89 87.3 57.8 86.6#
182 2.4 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

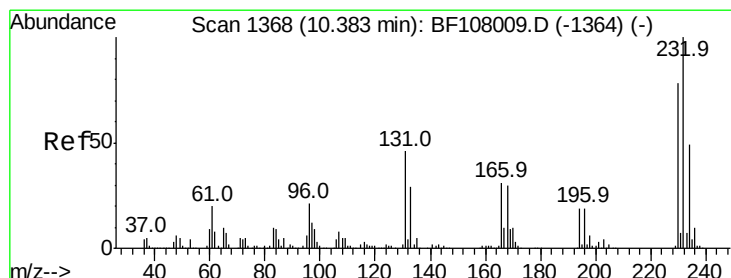
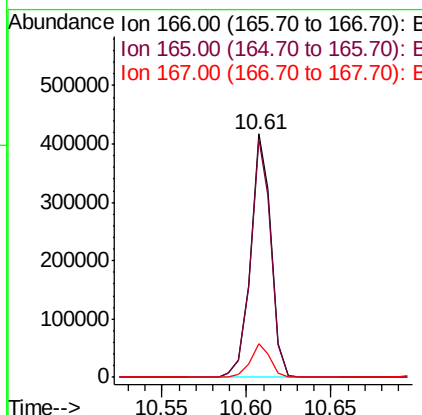
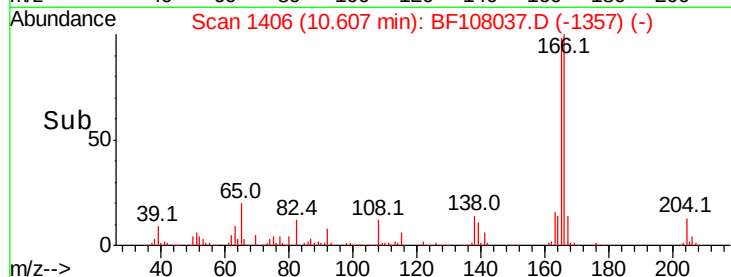
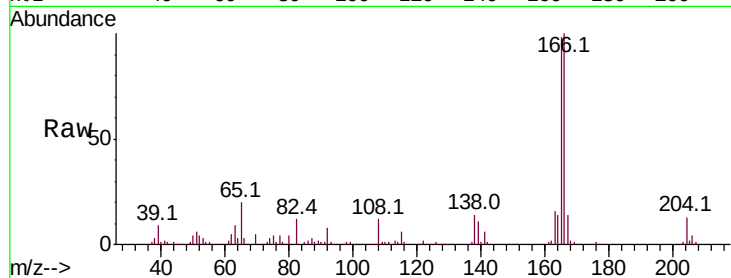




#57
 Fluorene
 Concen: 9.663 ng
 RT: 10.61 min Scan# 1406
 Delta R.T. -0.01 min
 Lab File: BF108037.D
 Acq: 8 Aug 2018 23:22

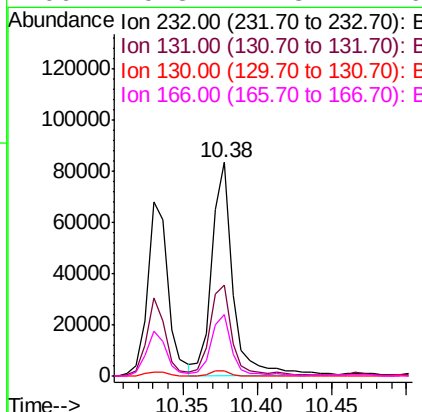
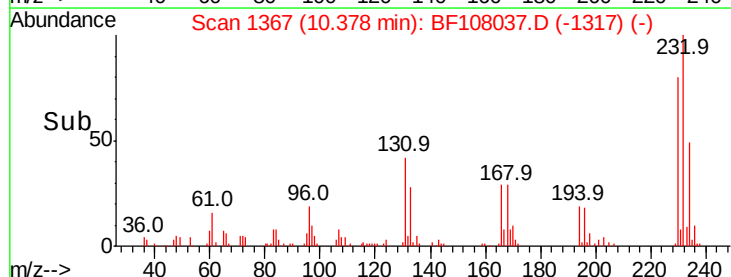
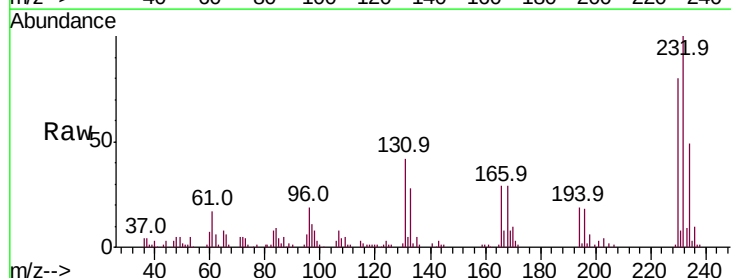
Instrument :
 BNA_F
 ClientSampled :

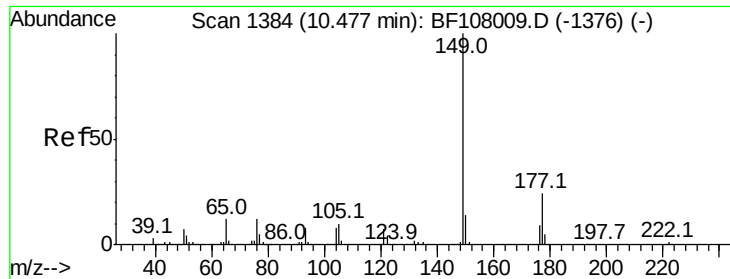
Tot Ion:166 Resp: 352294
 Ion Ratio Lower Upper
 166 100
 165 98.0 79.8 119.8
 167 13.6 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 8.255 ng
 RT: 10.38 min Scan# 1367
 Delta R.T. -0.01 min
 Lab File: BF108037.D
 Acq: 8 Aug 2018 23:22

Tgt Ion:232 Resp: 81545
 Ion Ratio Lower Upper
 232 100
 131 46.6 43.8 65.8
 130 2.1 2.1 3.1
 166 29.3 27.8 41.6

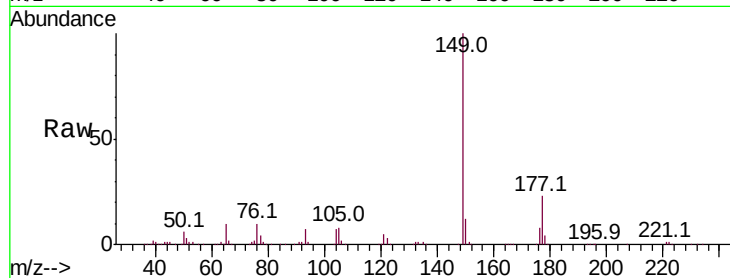




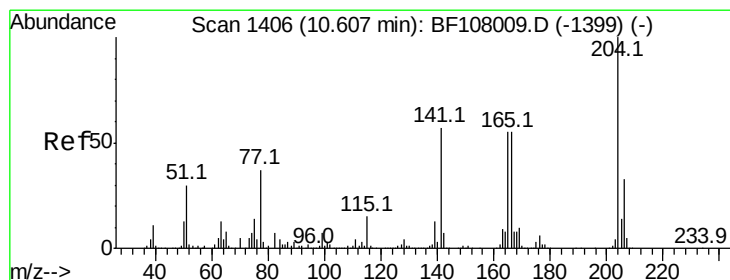
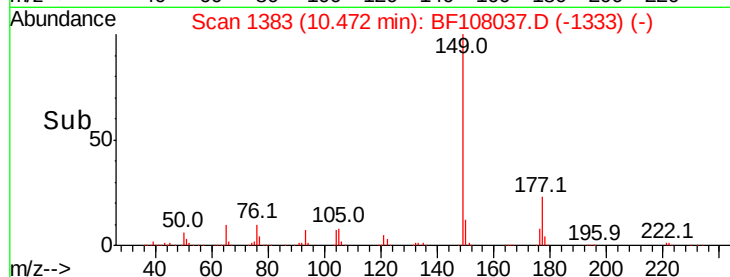
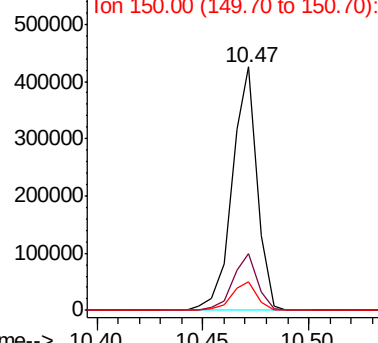
#59
Diethylphthalate
Concen: 9.222 ng
RT: 10.47 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BF108037.D
Acq: 8 Aug 2018 23:22

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
177	23.1	16.1	24.1
150	12.0	10.1	15.1

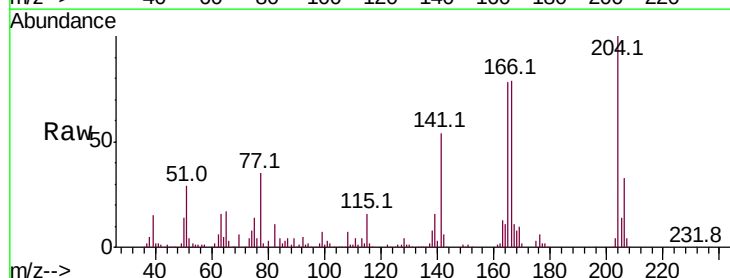


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

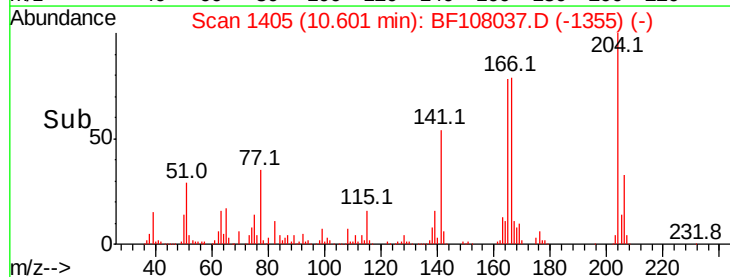
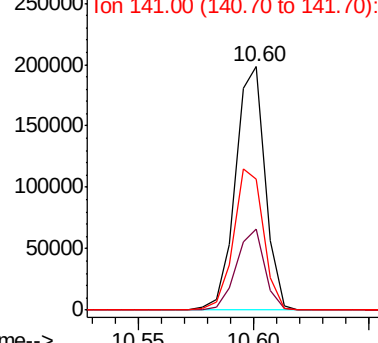


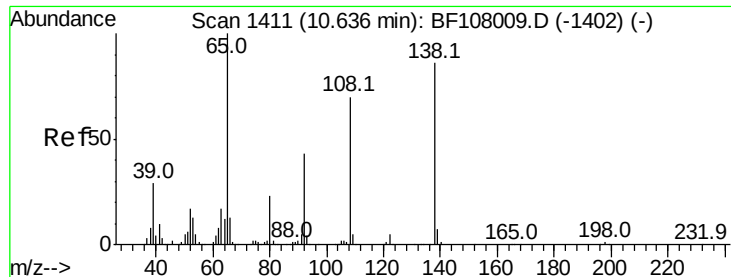
#60
4-Chlorophenyl-phenylether
Concen: 9.354 ng
RT: 10.60 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF108037.D
Acq: 8 Aug 2018 23:22

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.5	39.7
141	53.6	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: 8.786 ng

RT: 10.61 min Scan# 1407

Delta R.T. -0.02 min

Lab File: BF108037.D

Acq: 8 Aug 2018 23:22

Instrument :

BNA_F

ClientSampleId :

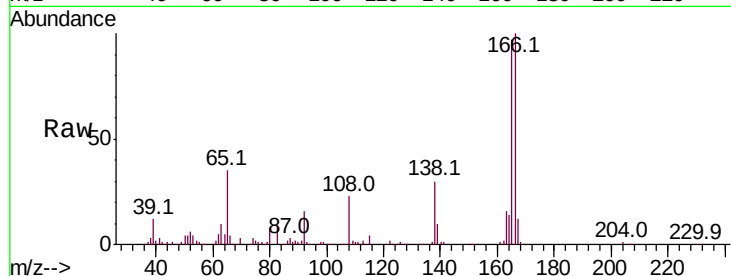
Tot Ion:138 Resp: 78036

Ion Ratio Lower Upper

138 100

92 54.5 30.2 70.2

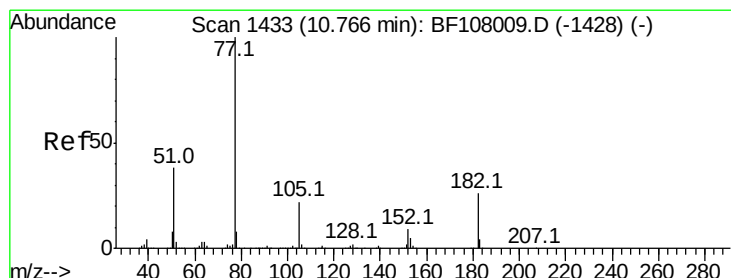
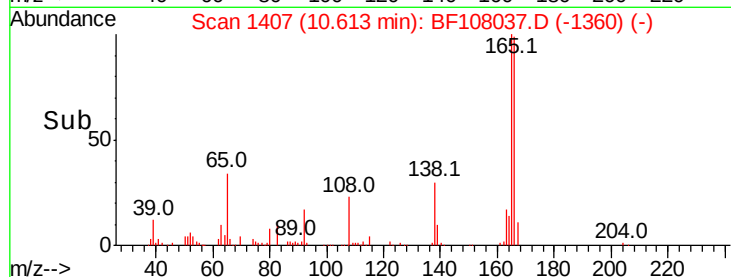
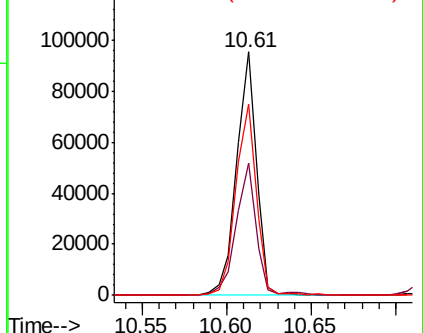
108 78.5 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 9.289 ng

RT: 10.76 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF108037.D

Acq: 8 Aug 2018 23:22

Tgt Ion: 77 Resp: 364550

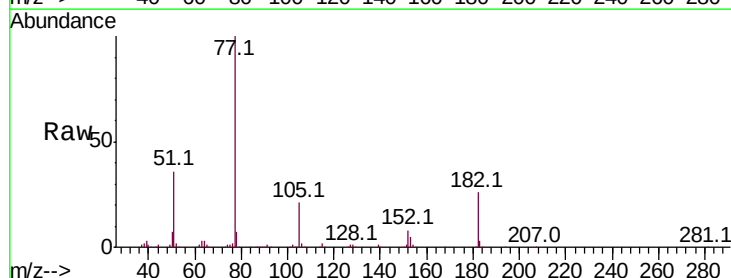
Ion Ratio Lower Upper

77 100

182 25.6 1.7 41.7

105 21.1 3.0 43.0

51 36.1 9.9 49.9

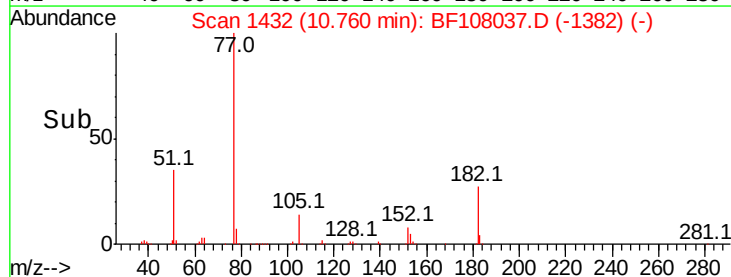
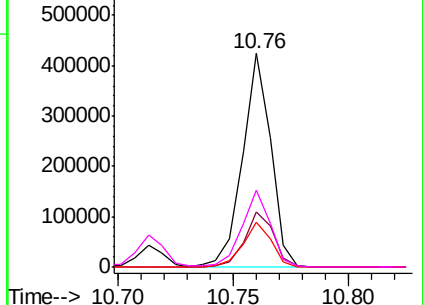


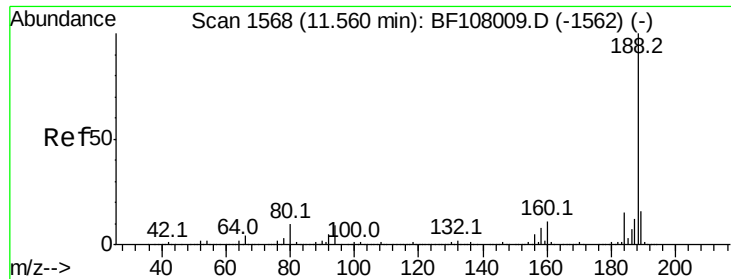
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.55 min Scan# 1567

Delta R.T. -0.01 min

Lab File: BF108037.D

Acq: 8 Aug 2018 23:22

Instrument :

BNA_F

ClientSampleId :

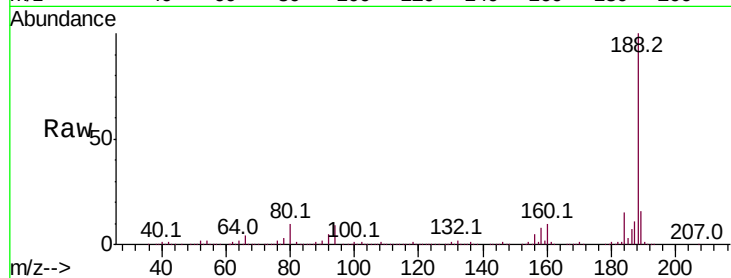
Tot Ion:188 Resp: 1162302

Ion Ratio Lower Upper

188 100

94 9.2 8.5 12.7

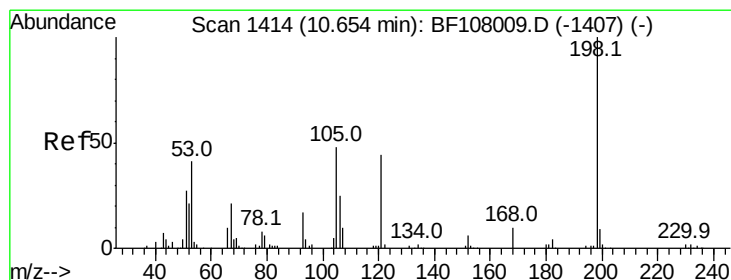
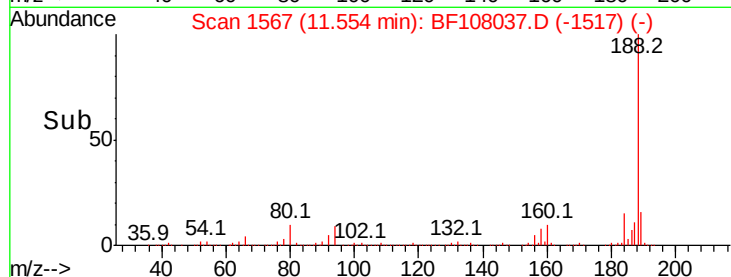
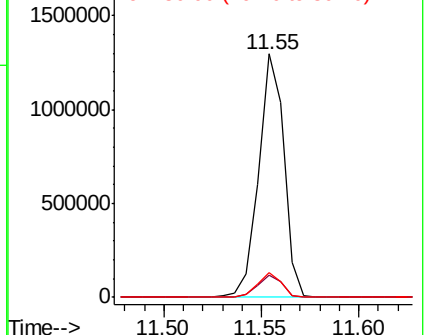
80 10.3 9.2 13.8



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: 10.056 ng

RT: 10.64 min Scan# 1412

Delta R.T. -0.01 min

Lab File: BF108037.D

Acq: 8 Aug 2018 23:22

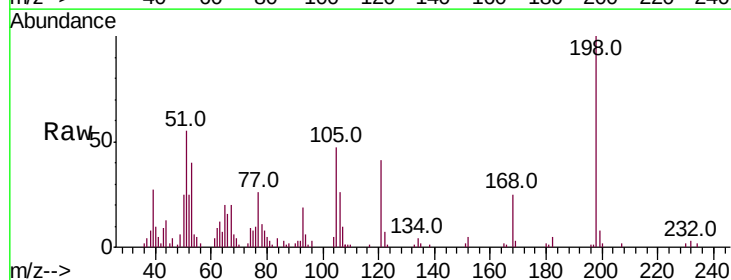
Tgt Ion:198 Resp: 23073

Ion Ratio Lower Upper

198 100

51 55.4 37.7 77.7

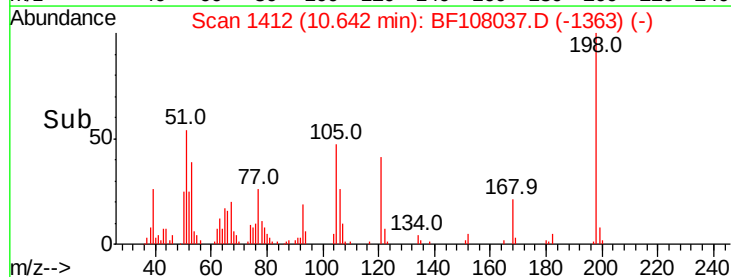
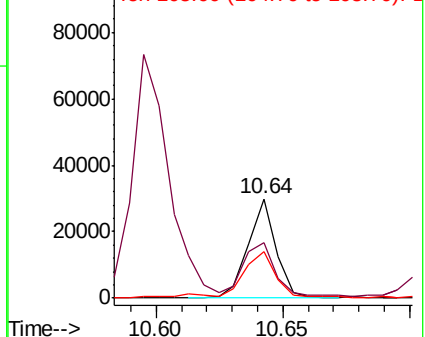
105 47.1 36.3 76.3

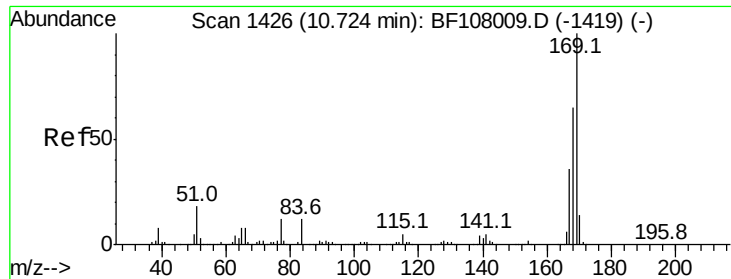


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

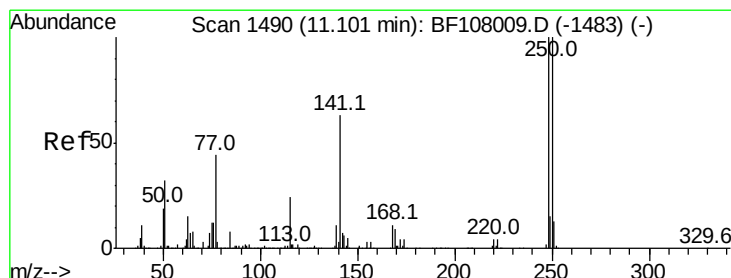
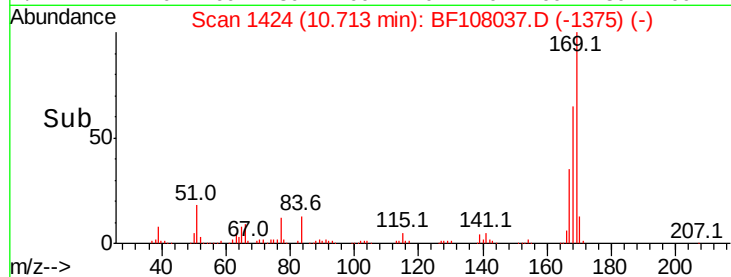
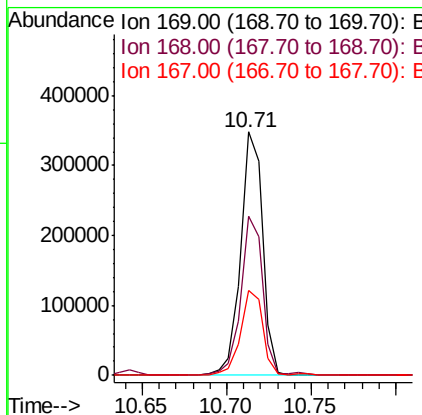
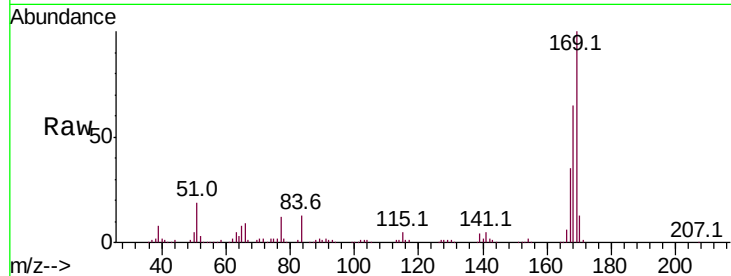




#65
 n-Nitrosodiphenylamine
 Concen: 9.181 ng
 RT: 10.71 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF108037.D
 Acq: 8 Aug 2018 23:22

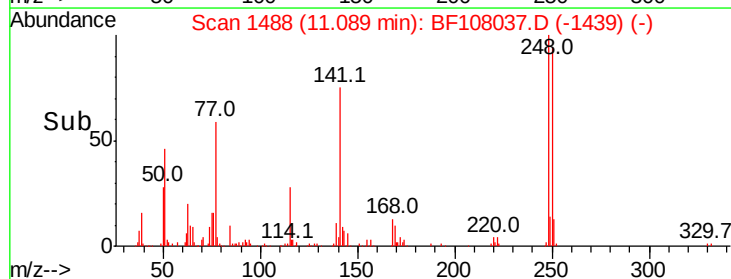
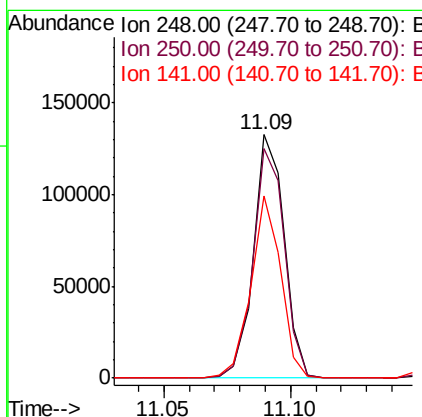
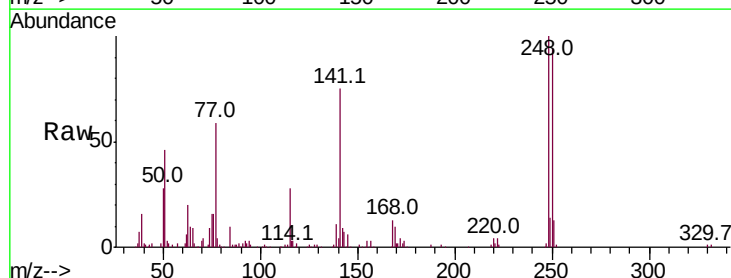
Instrument :
 BNA_F
 ClientSampleId :

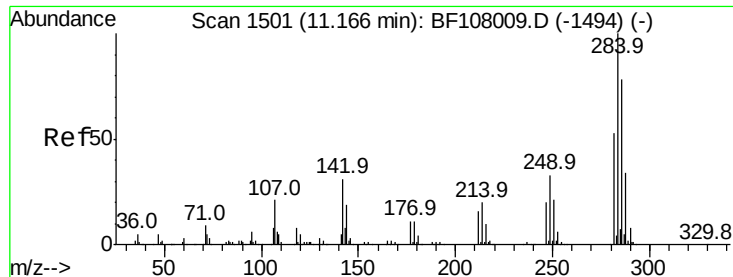
Tot Ion	Ratio	Lower	Upper
169	100		
168	65.3	54.4	81.6
167	34.8	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 8.939 ng
 RT: 11.09 min Scan# 1488
 Delta R.T. -0.01 min
 Lab File: BF108037.D
 Acq: 8 Aug 2018 23:22

Tgt Ion	Ratio	Lower	Upper
248	100		
250	94.0	76.9	115.3
141	74.8	74.4	111.6





#67

Hexachlorobenzene

Concen: 8.607 ng

RT: 11.16 min Scan# 1500

Delta R.T. -0.01 min

Lab File: BF108037.D

Acq: 8 Aug 2018 23:22

Instrument :

BNA_F

ClientSampleId :

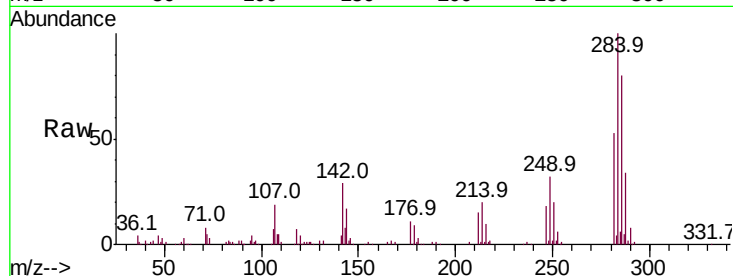
Tot Ion:284 Resp: 114382

Ion Ratio Lower Upper

284 100

142 28.9 34.6 52.0#

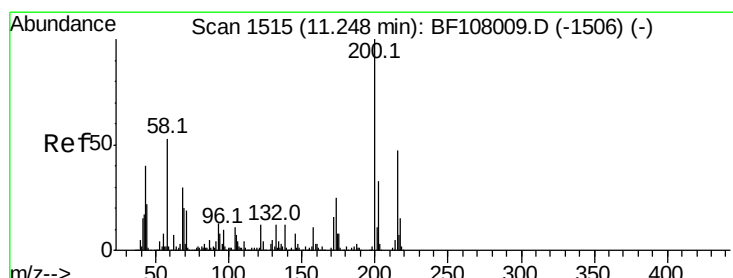
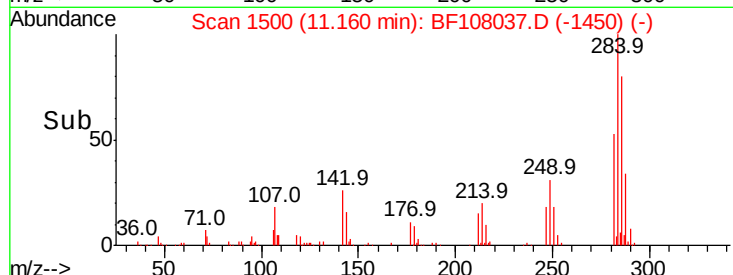
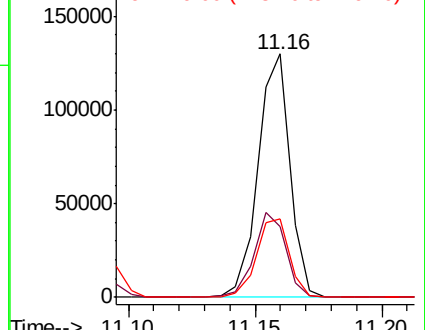
249 32.0 24.8 37.2



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: 8.696 ng

RT: 11.24 min Scan# 1513

Delta R.T. -0.01 min

Lab File: BF108037.D

Acq: 8 Aug 2018 23:22

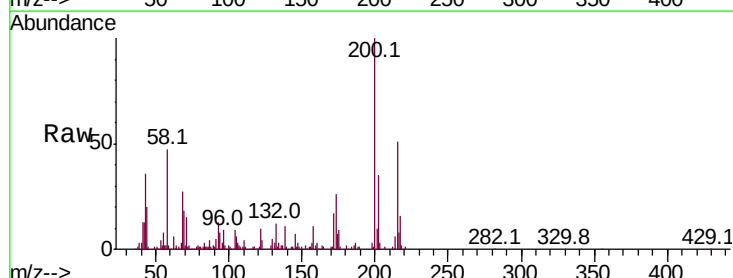
Tgt Ion:200 Resp: 100185

Ion Ratio Lower Upper

200 100

173 26.3 8.6 48.6

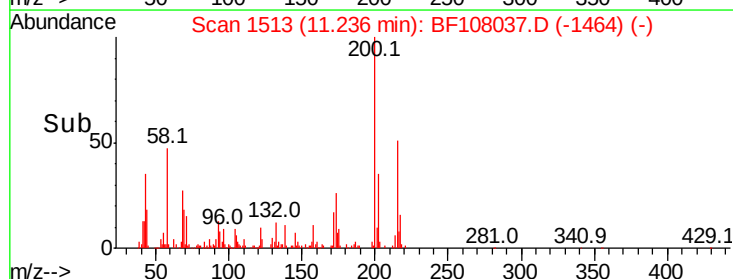
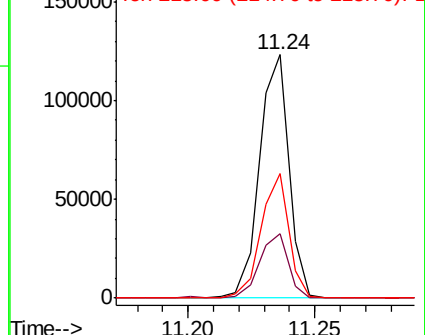
215 51.4 25.1 65.1

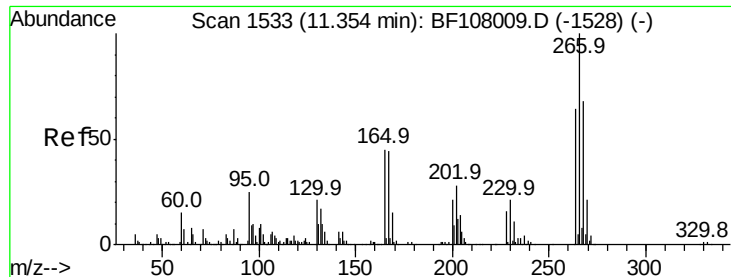


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

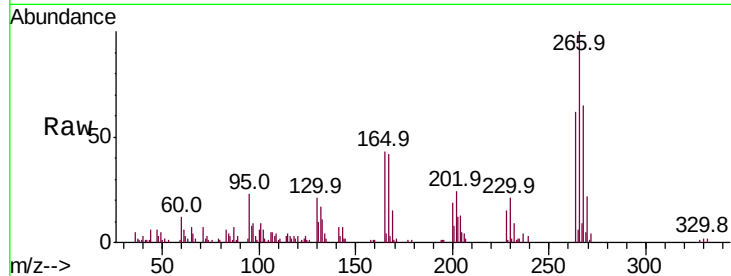




#69
 Pentachlorophenol
 Concen: 6.795 ng
 RT: 11.35 min Scan# 1532
 Delta R.T. -0.01 min
 Lab File: BF108037.D
 Acq: 8 Aug 2018 23:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.5	51.1	76.7
264	62.0	49.5	74.3

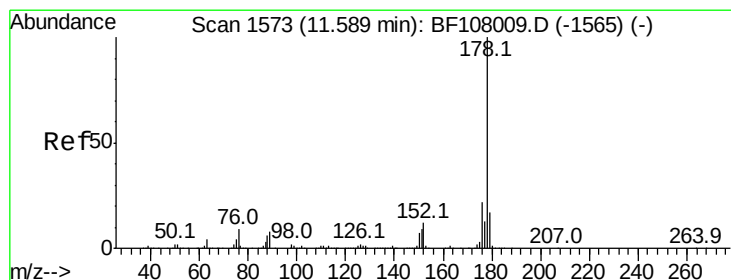
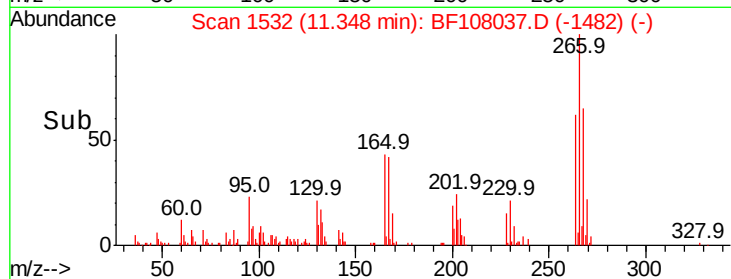
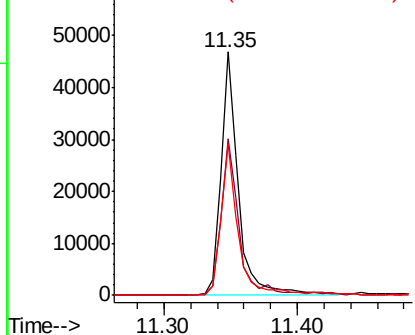


Abundance

Ion 265.70 (265.40 to 266.40): E

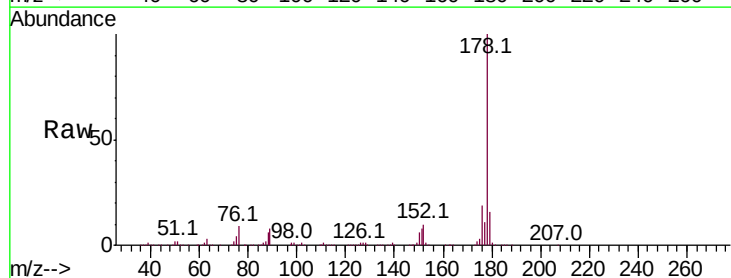
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 9.818 ng
 RT: 11.58 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: BF108037.D
 Acq: 8 Aug 2018 23:22

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	15.7	13.0	19.6

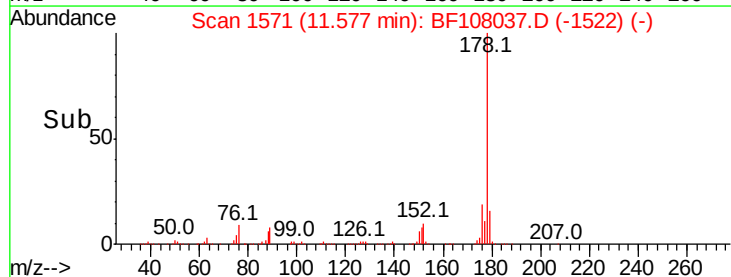
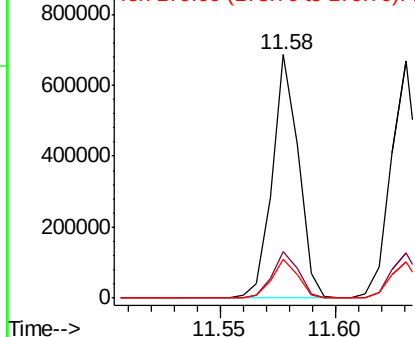


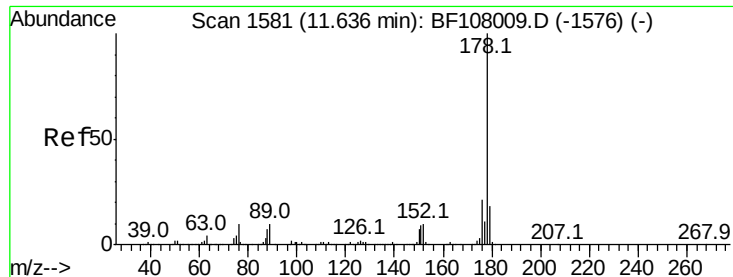
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

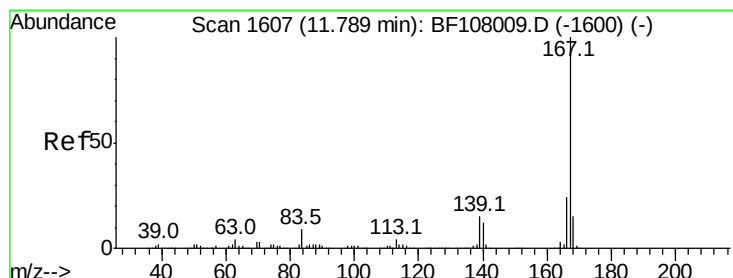
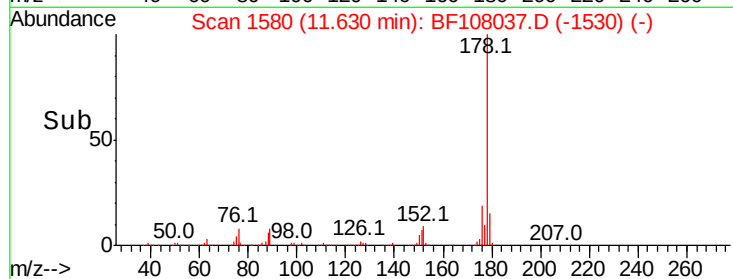
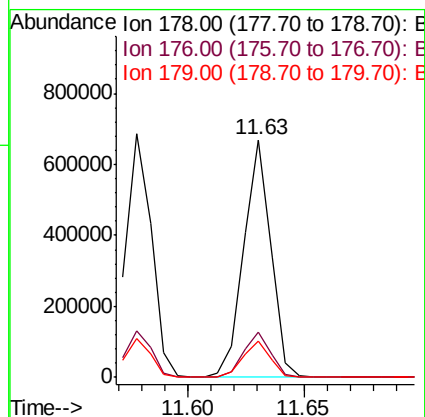
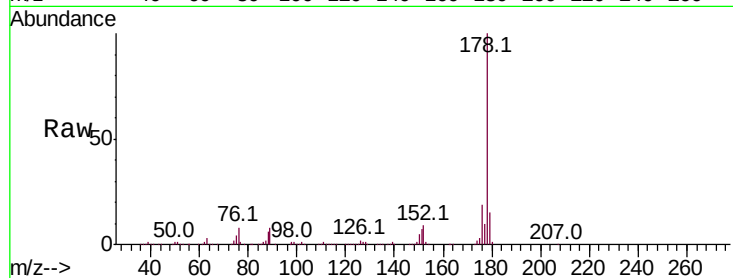




#71
 Anthracene
 Concen: 9.794 ng
 RT: 11.63 min Scan# 1580
 Delta R.T. -0.01 min
 Lab File: BF108037.D
 Acq: 8 Aug 2018 23:22

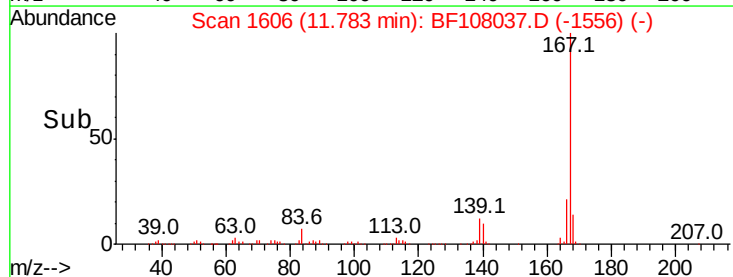
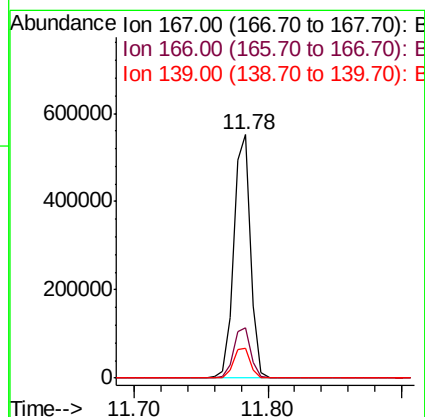
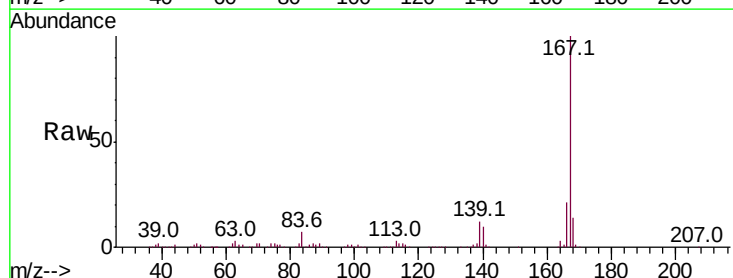
Instrument :
 BNA_F
 ClientSampleId :

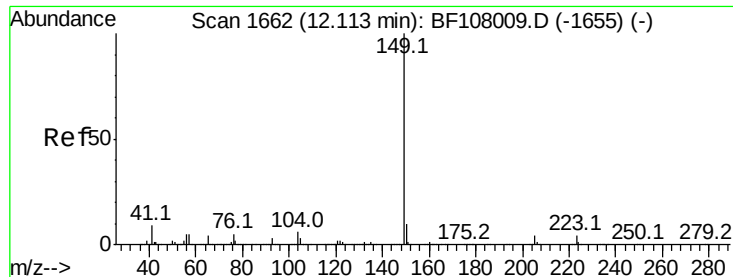
Tot Ion:178 Resp: 550313
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 15.0 12.6 19.0



#72
 Carbazole
 Concen: 9.772 ng
 RT: 11.78 min Scan# 1606
 Delta R.T. -0.01 min
 Lab File: BF108037.D
 Acq: 8 Aug 2018 23:22

Tgt Ion:167 Resp: 487838
 Ion Ratio Lower Upper
 167 100
 166 20.9 17.6 26.4
 139 12.3 10.9 16.3

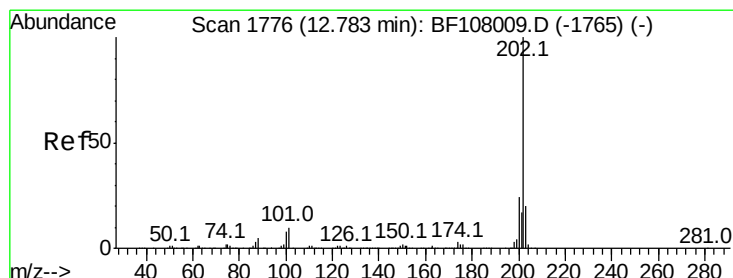
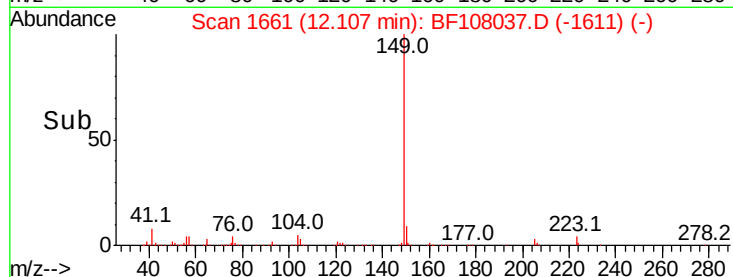
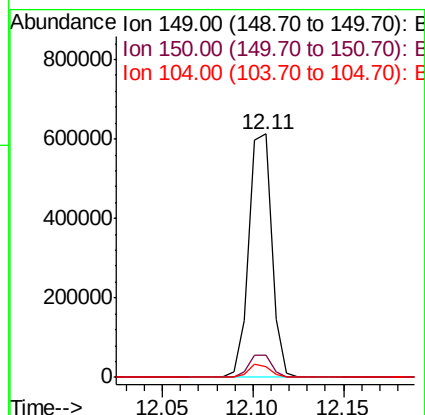
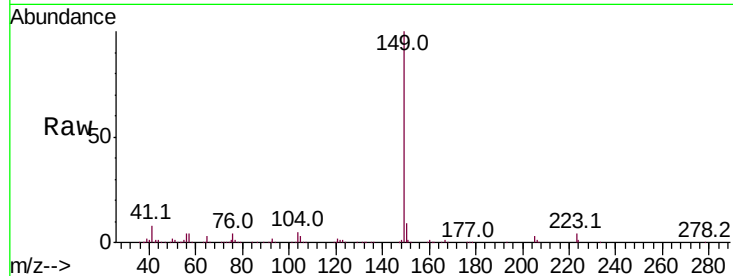




#73
Di-n-butylphthalate
Concen: 9.530 ng
RT: 12.11 min Scan# 1661
Delta R.T. -0.01 min
Lab File: BF108037.D
Acq: 8 Aug 2018 23:22

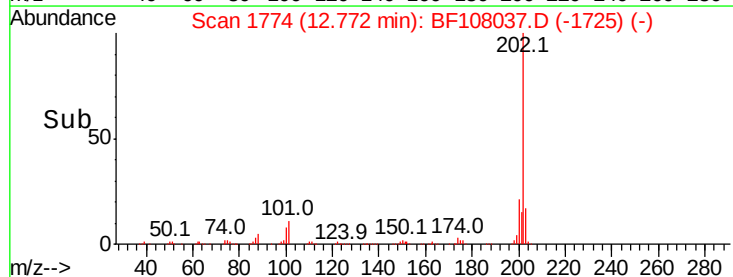
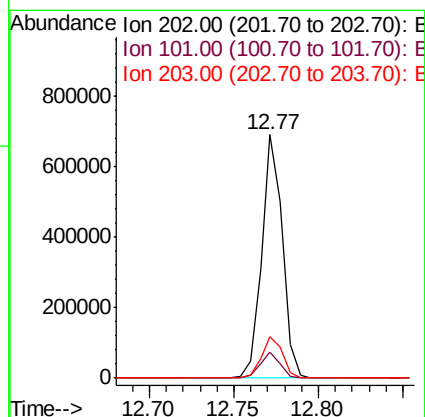
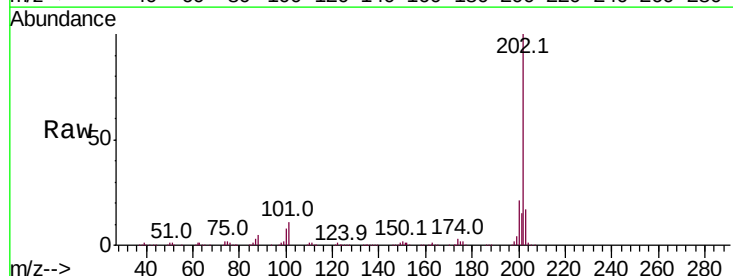
Instrument :
BNA_F
ClientSampleId :

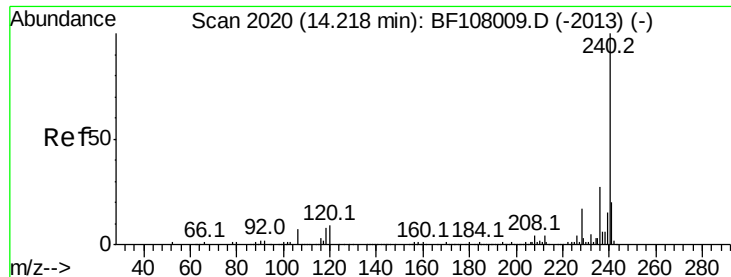
Tot Ion:149 Resp: 538874
Ion Ratio Lower Upper
149 100
150 9.2 7.8 11.6
104 4.6 3.8 5.8



#74
Fluoranthene
Concen: 9.841 ng
RT: 12.77 min Scan# 1774
Delta R.T. -0.01 min
Lab File: BF108037.D
Acq: 8 Aug 2018 23:22

Tgt Ion:202 Resp: 588779
Ion Ratio Lower Upper
202 100
101 10.8 0.0 34.1
203 17.1 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.21 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF108037.D

Acq: 8 Aug 2018 23:22

Instrument :

BNA_F

ClientSampled :

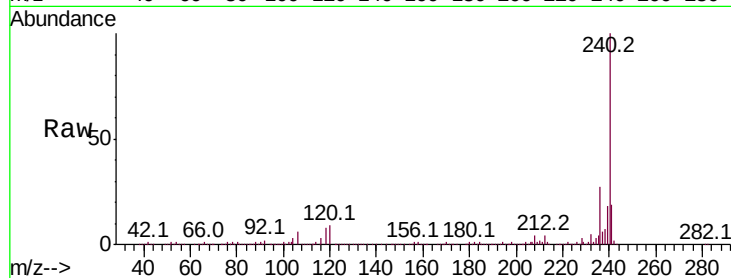
Tot Ion:240 Resp: 1010749

Ion Ratio Lower Upper

240 100

120 9.1 9.5 14.3#

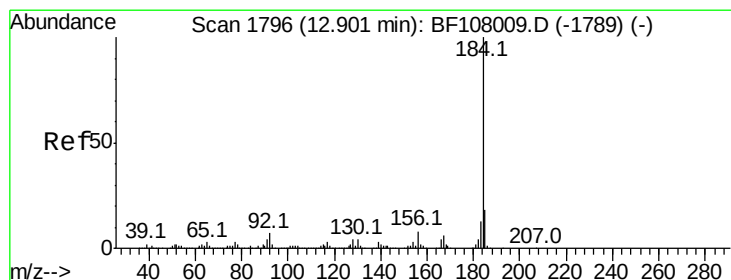
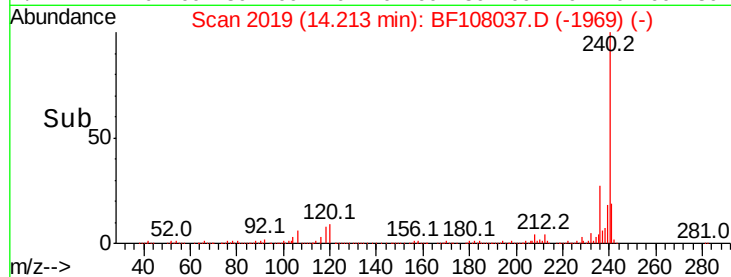
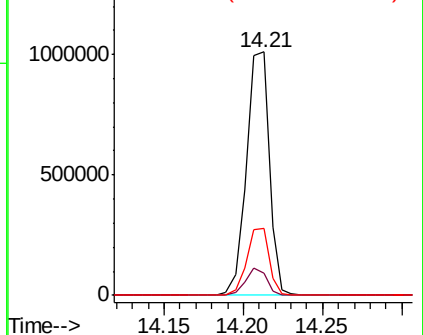
236 27.3 20.7 31.1



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: 3.405 ng

RT: 12.89 min Scan# 1794

Delta R.T. -0.01 min

Lab File: BF108037.D

Acq: 8 Aug 2018 23:22

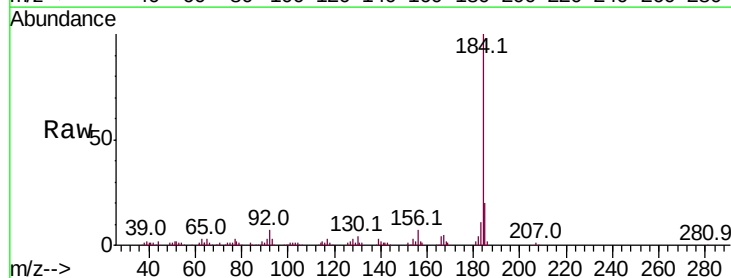
Tgt Ion:184 Resp: 128577

Ion Ratio Lower Upper

184 100

185 19.9 12.6 18.8#

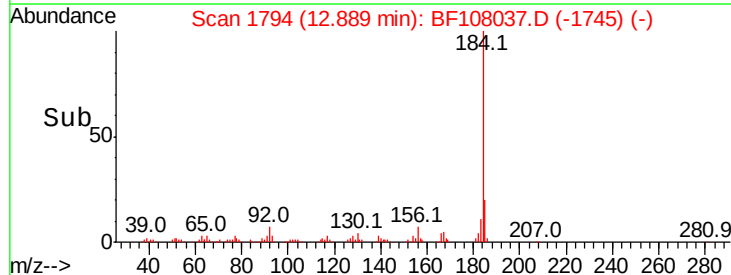
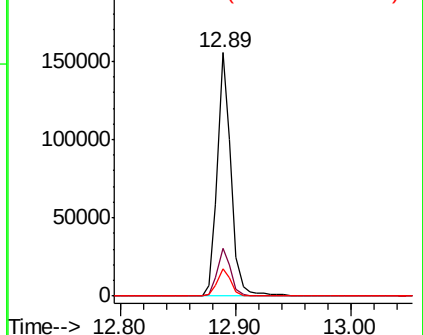
183 11.4 9.3 13.9

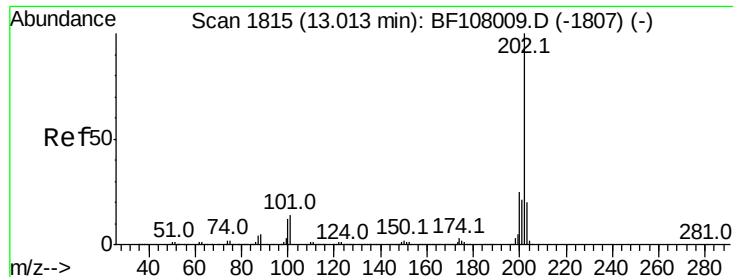


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

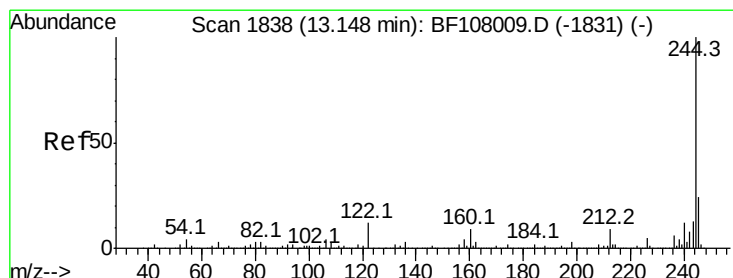
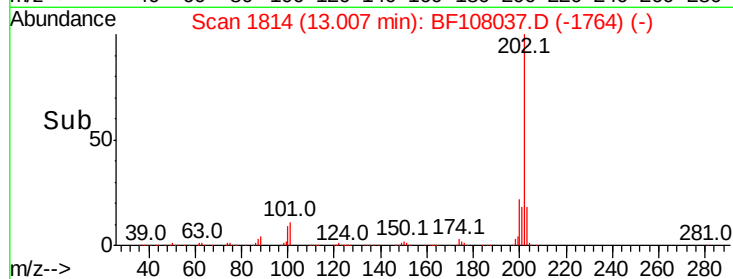
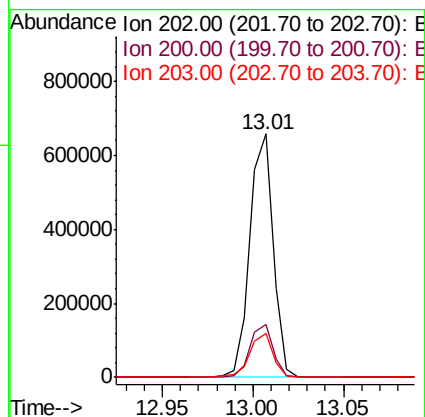
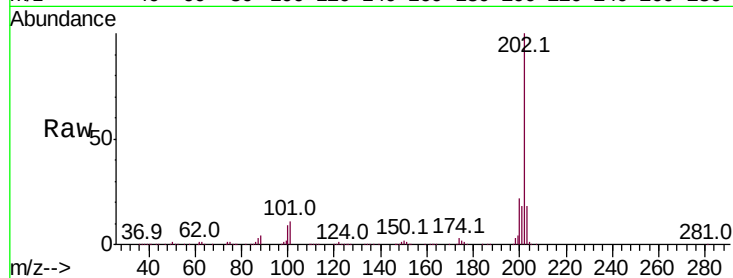




#77
Pvrene
Concen: 9.206 ng
RT: 13.01 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BF108037.D
Acq: 8 Aug 2018 23:22

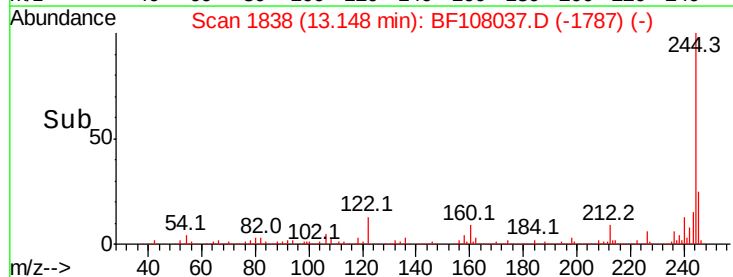
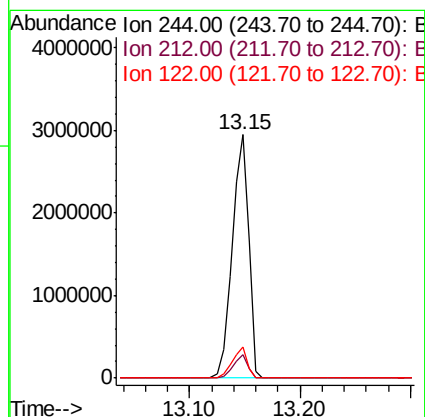
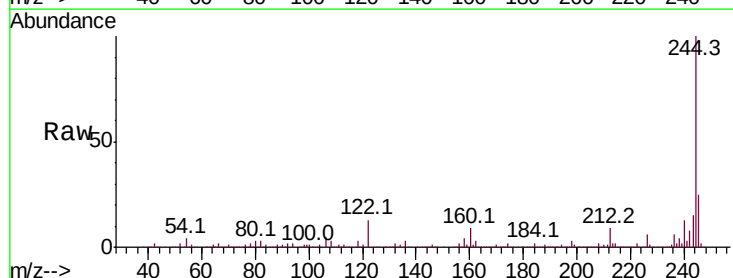
Instrument :
BNA_F
ClientSampleId :

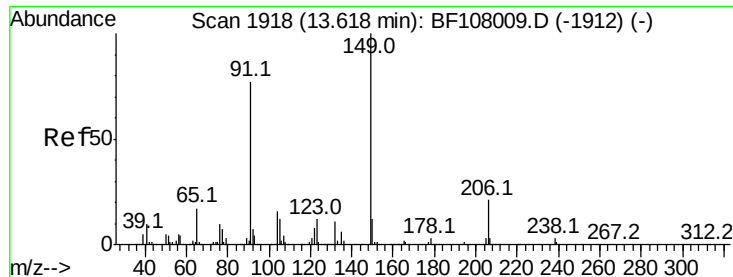
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	17.8	14.3	21.5



#78
Terphenyl-d14
Concen: 77.362 ng
RT: 13.15 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BF108037.D
Acq: 8 Aug 2018 23:22

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.4	5.4	8.0#
122	12.6	11.0	16.4

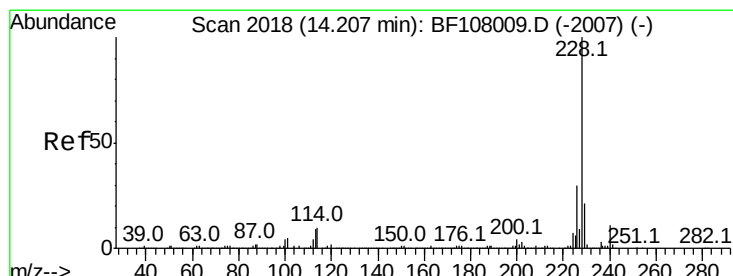
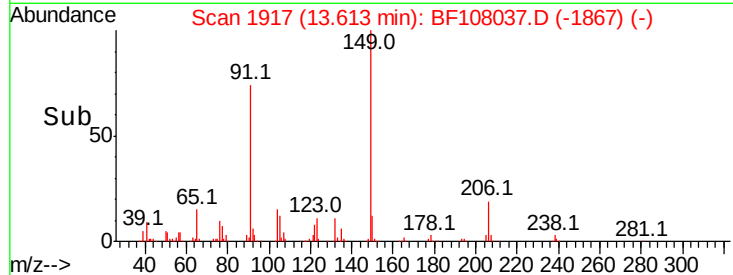
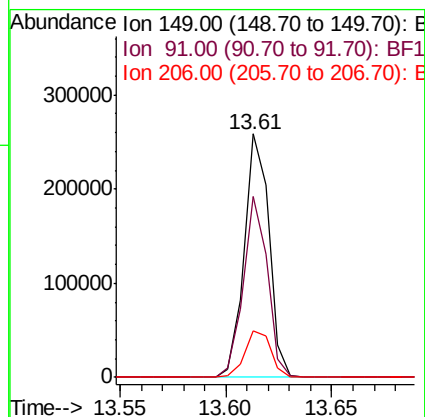
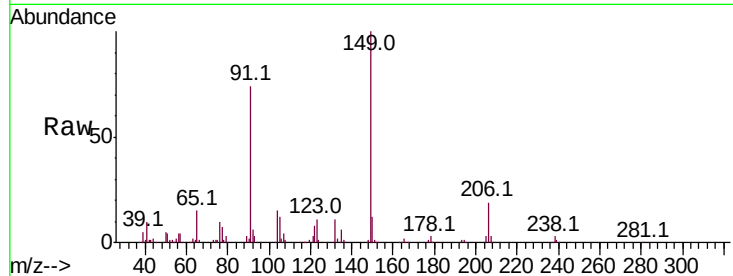




#79
Butylbenzylphthalate
Concen: 8.219 ng
RT: 13.61 min Scan# 1917
Delta R.T. -0.01 min
Lab File: BF108037.D
Acq: 8 Aug 2018 23:22

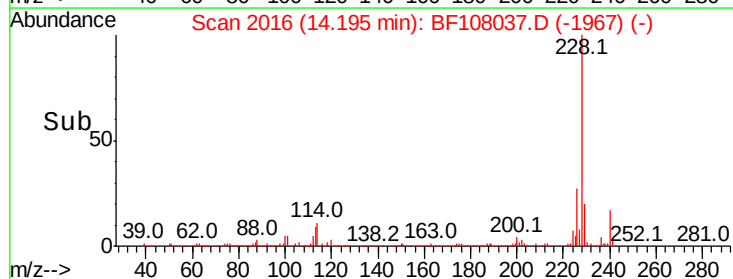
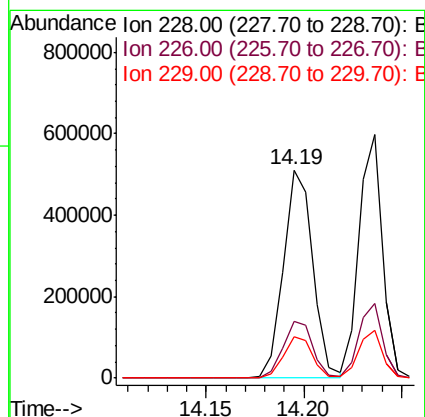
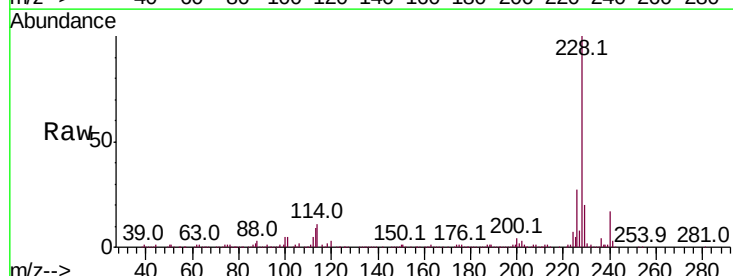
Instrument :
BNA_F
ClientSampleId :

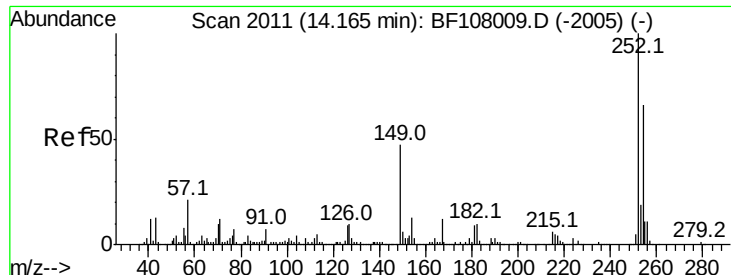
Tot Ion	Ratio	Lower	Upper
149	100		
91	74.2	56.8	85.2
206	19.1	14.1	21.1



#80
Benzo(a)anthracene
Concen: 9.194 ng
RT: 14.19 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF108037.D
Acq: 8 Aug 2018 23:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	20.2	15.8	23.6

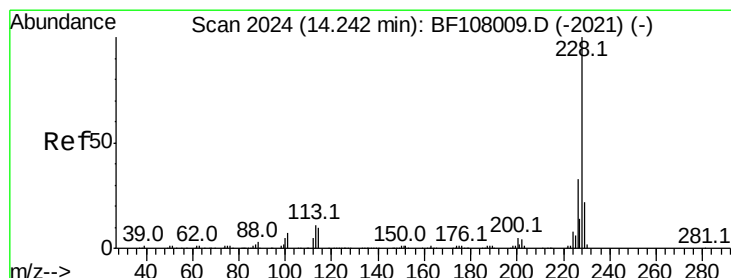
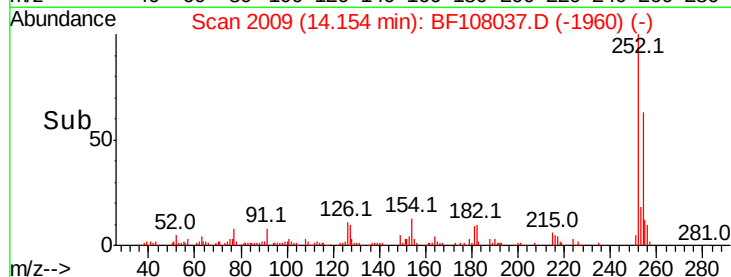
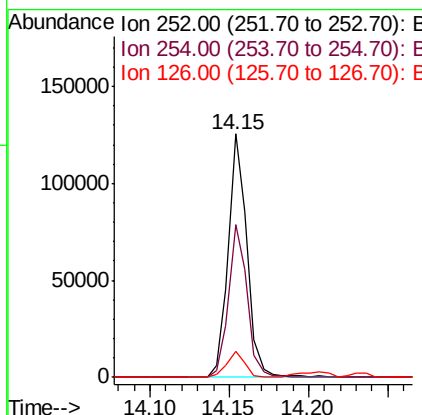
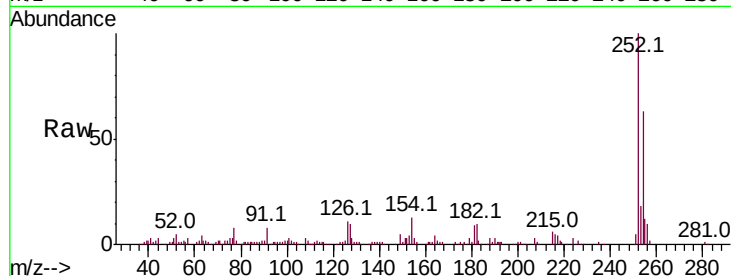




#81
 3,3'-Dichlorobenzidine
 Concen: 4.919 ng
 RT: 14.15 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BF108037.D
 Acq: 8 Aug 2018 23:22

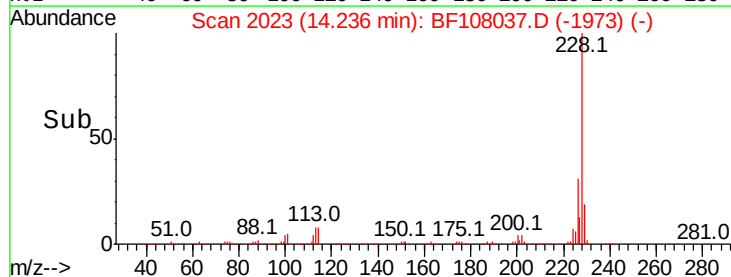
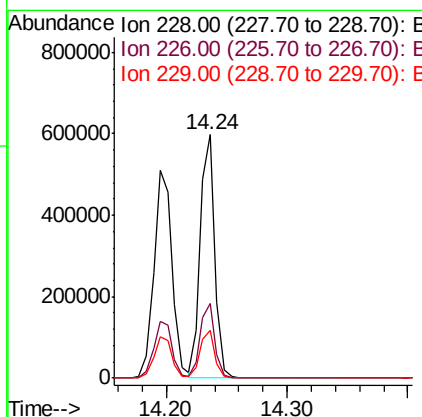
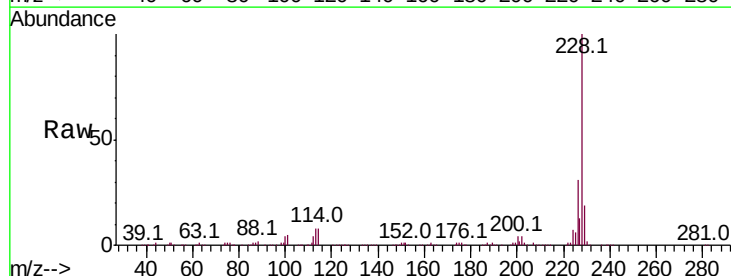
Instrument :
 BNA_F
 ClientSampleId :

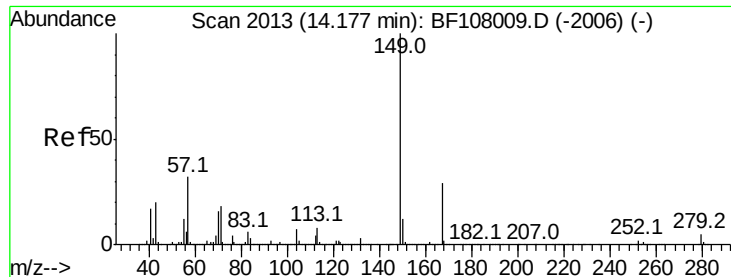
Tot Ion	Ratio	Lower	Upper
252	100		
254	62.9	50.4	75.6
126	10.6	11.3	16.9#



#82
 Chrysene
 Concen: 9.445 ng
 RT: 14.24 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF108037.D
 Acq: 8 Aug 2018 23:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	19.5	16.2	24.4

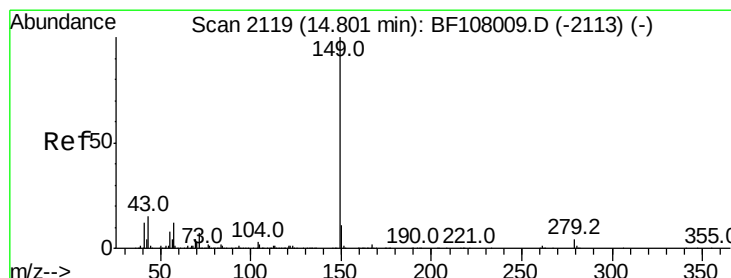
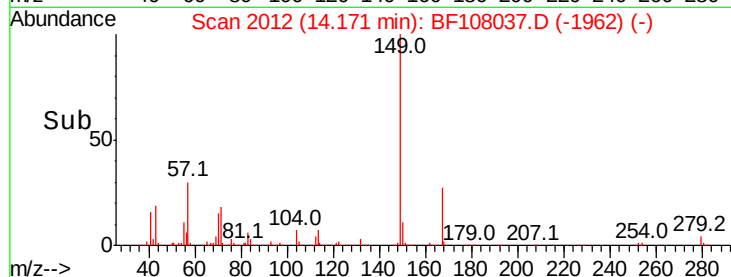
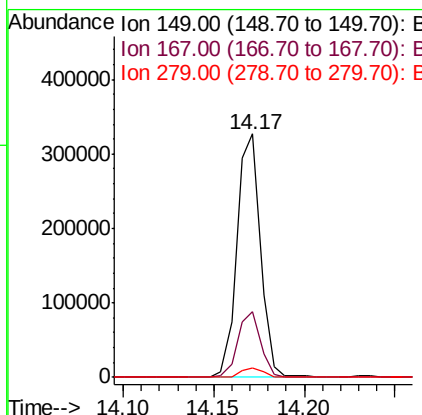
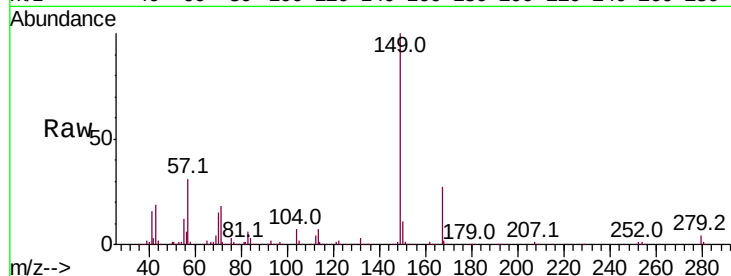




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 8.588 ng
 RT: 14.17 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BF108037.D
 Acq: 8 Aug 2018 23:22

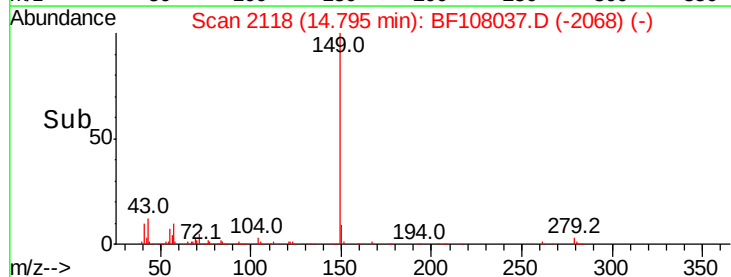
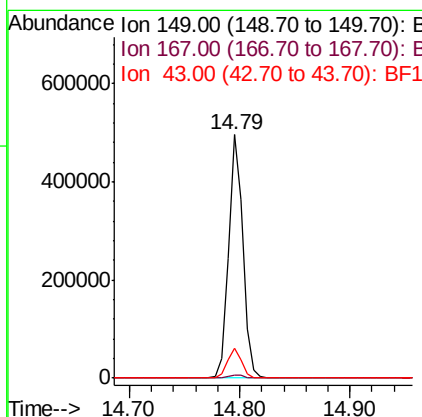
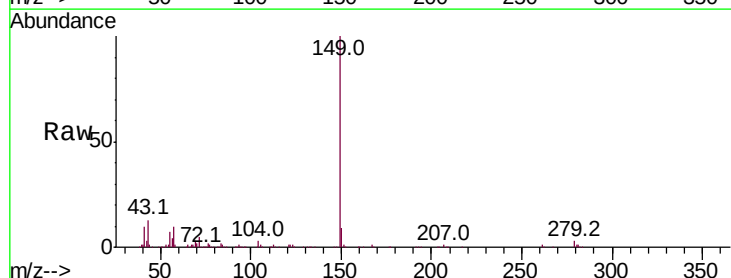
Instrument :
 BNA_F
 ClientSampleId :

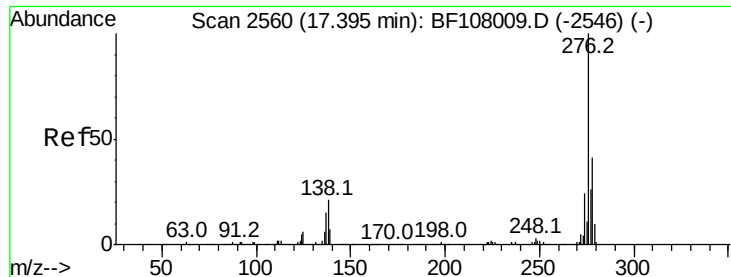
Tot Ion:149 Resp: 295501
 Ion Ratio Lower Upper
 149 100
 167 27.0 21.3 31.9
 279 3.9 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 8.604 ng
 RT: 14.79 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: BF108037.D
 Acq: 8 Aug 2018 23:22

Tgt Ion:149 Resp: 451508
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.2 1.8
 43 12.3 8.4 12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 8.496 ng

RT: 17.37 min Scan# 2556

Delta R.T. -0.02 min

Lab File: BF108037.D

Acq: 8 Aug 2018 23:22

Instrument :

BNA_F

ClientSampleId :

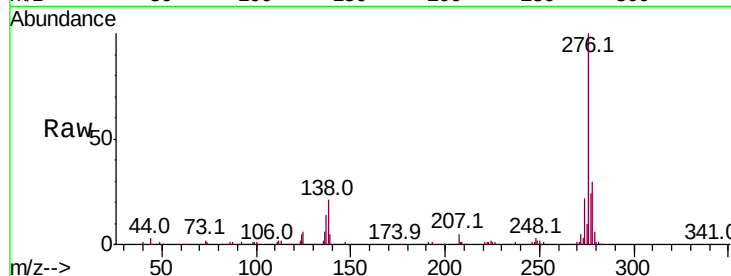
Tot Ion:276 Resp: 391493

Ion Ratio Lower Upper

276 100

138 23.4 25.0 37.6#

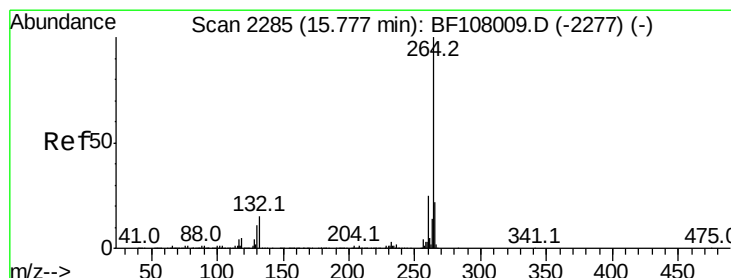
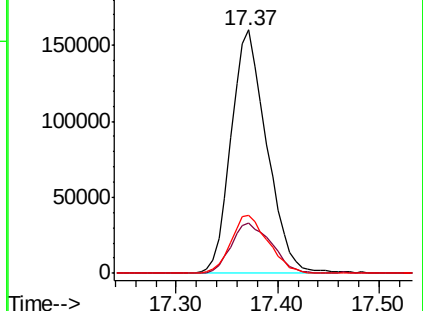
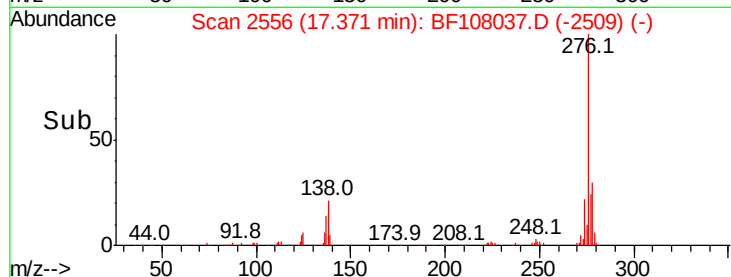
277 24.7 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.77 min Scan# 2284

Delta R.T. -0.01 min

Lab File: BF108037.D

Acq: 8 Aug 2018 23:22

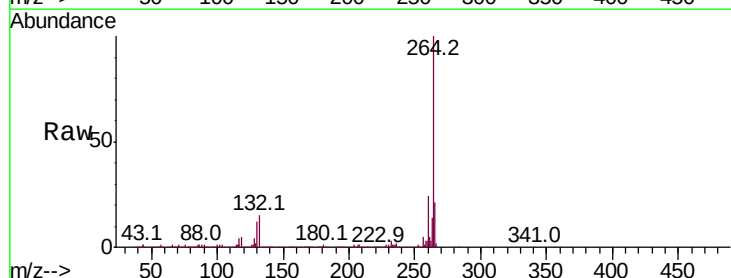
Tgt Ion:264 Resp: 912503

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

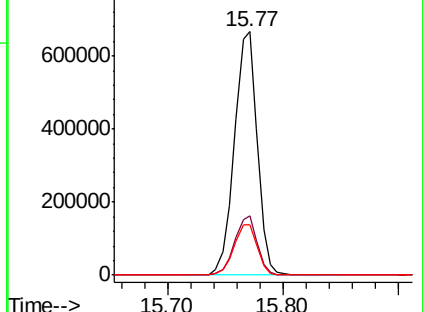
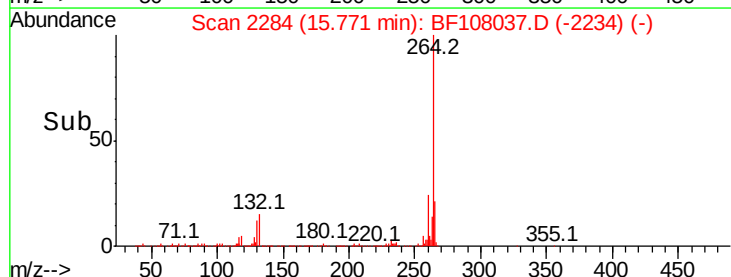
265 20.5 17.5 26.3

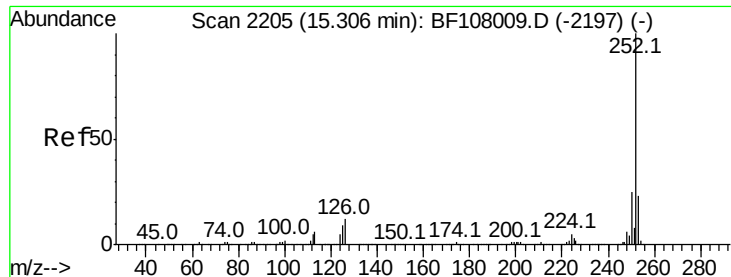


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

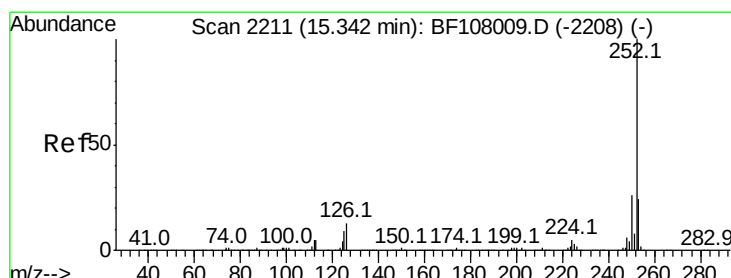
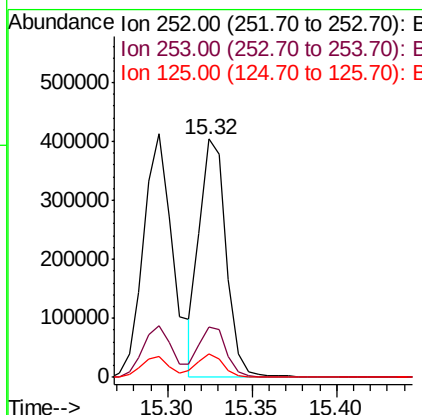
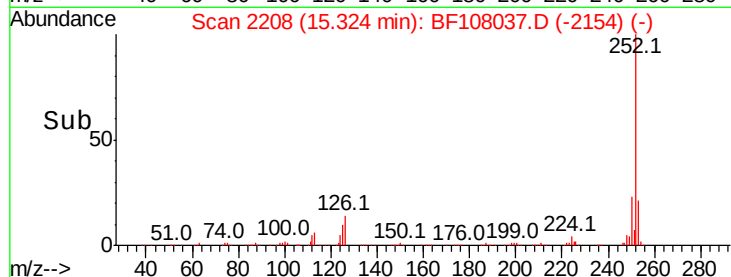
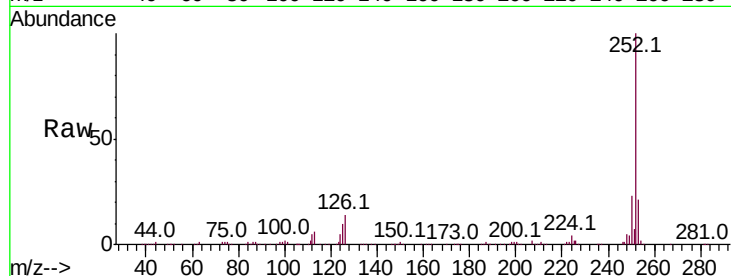




#87
Benzo(b)fluoranthene
Concen: 8.068 ng
RT: 15.32 min Scan# 2208
Delta R.T. 0.02 min
Lab File: BF108037.D
Acq: 8 Aug 2018 23:22

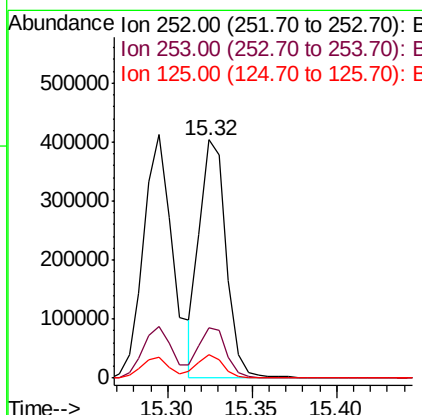
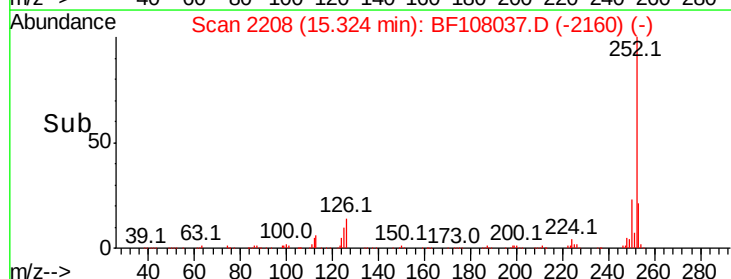
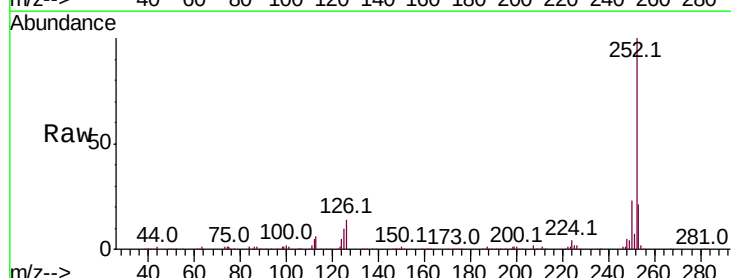
Instrument :
BNA_F
ClientSampleId :

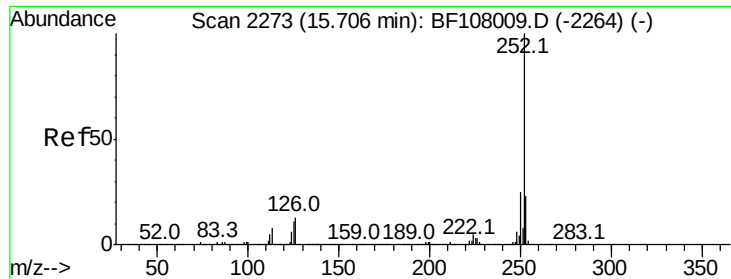
Tot Ion:252 Resp: 439928
Ion Ratio Lower Upper
252 100
253 21.4 17.0 25.6
125 10.0 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 8.777 ng
RT: 15.32 min Scan# 2208
Delta R.T. -0.02 min
Lab File: BF108037.D
Acq: 8 Aug 2018 23:22

Tgt Ion:252 Resp: 439928
Ion Ratio Lower Upper
252 100
253 21.4 17.9 26.9
125 10.0 10.2 15.2#

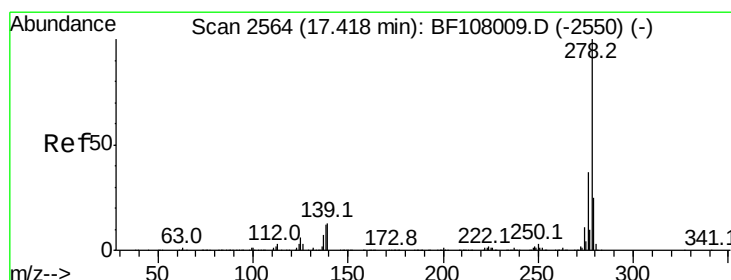
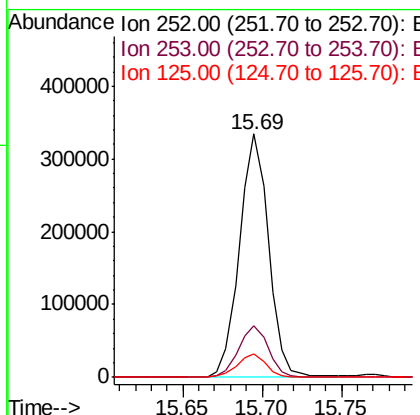
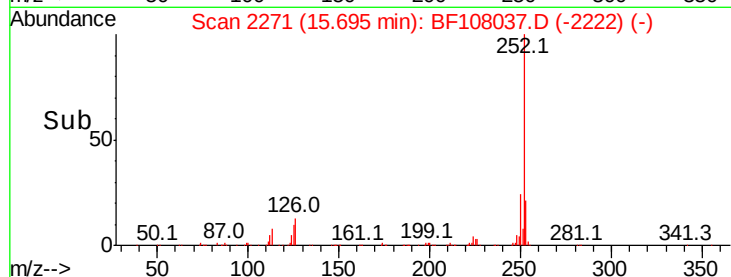
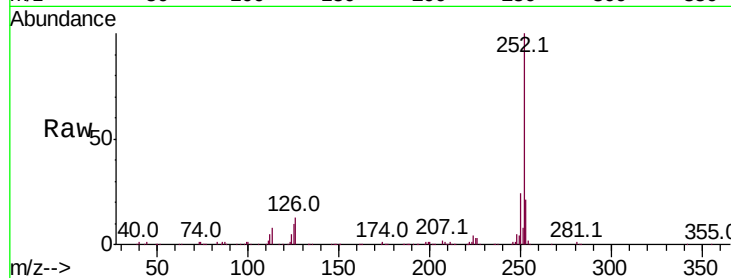




#89
Benzo(a)pyrene
Concen: 8.730 ng
RT: 15.69 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF108037.D
Acq: 8 Aug 2018 23:22

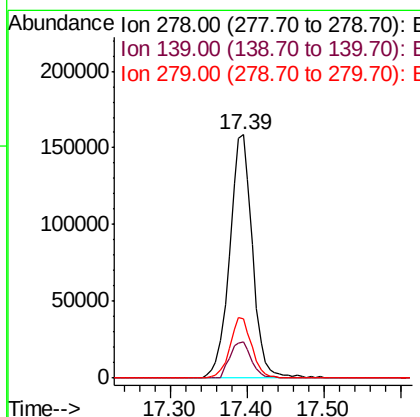
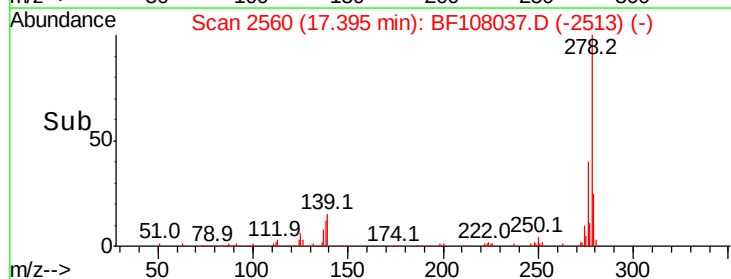
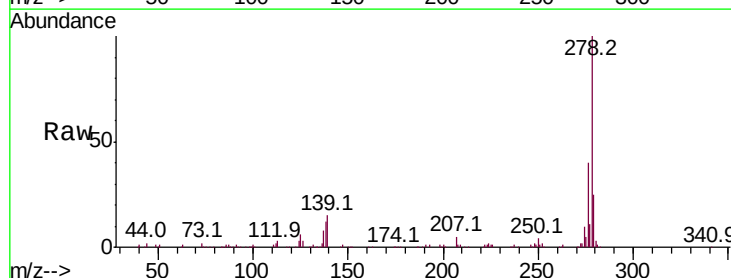
Instrument :
BNA_F
ClientSampleId :

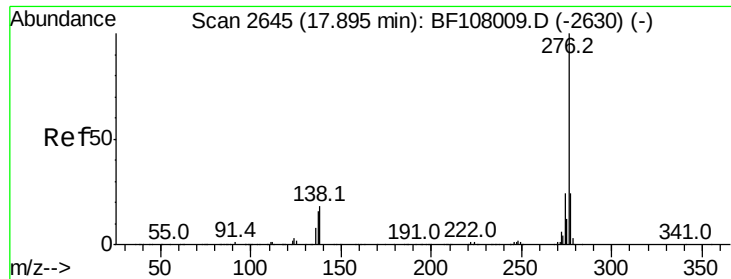
Tot Ion:252 Resp: 426233
Ion Ratio Lower Upper
252 100
253 21.4 17.1 25.7
125 9.6 9.8 14.6#



#90
Dibenzo(a,h)anthracene
Concen: 8.134 ng
RT: 17.39 min Scan# 2560
Delta R.T. -0.02 min
Lab File: BF108037.D
Acq: 8 Aug 2018 23:22

Tgt Ion:278 Resp: 328600
Ion Ratio Lower Upper
278 100
139 14.9 15.9 23.9#
279 24.5 19.0 28.4





#91
 Benzo(a,h,i)perylene
 Concen: 7.996 ng
 RT: 17.86 min Scan# 2639
 Delta R.T. -0.04 min
 Lab File: BF108037.D
 Acq: 8 Aug 2018 23:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.7	17.9	26.9
138	21.0	21.8	32.8

