

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080818\
 Data File : BF108035.D
 Acq On : 8 Aug 2018 22:27
 Operator : JU/SJ
 Sample : J3762-09
 Misc : MDL 8 PPM
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 09 06:43:24 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	271413	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	1059599	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	568784	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	1183457	20.00	ng	0.00
75) Chrysene-d12	14.21	240	1030663	20.00	ng	-0.01
86) Perylene-d12	15.77	264	882494	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	2054142	137.02	ng	0.01
7) Phenol-d6	6.63	99	2766009	138.84	ng	0.00
23) Nitrobenzene-d5	7.57	82	1489947	78.46	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	886796	156.31	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	2783268	78.56	ng	0.00
78) Terphenyl-d14	13.15	244	3137471	77.40	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.95	88	60817	7.895	ng	87
3) Pyridine	3.73	79	170533	8.594	ng	# 79
4) n-Nitrosodimethylamine	3.65	42	93730	8.394	ng	80
6) Aniline	6.68	93	151796	5.602	ng	94
8) 2-Chlorophenol	6.80	128	146421	8.672	ng	89
9) Benzaldehyde	6.57	77	119867	7.761	ng	98
10) Phenol	6.64	94	172361	8.364	ng	93
11) bis(2-Chloroethyl)ether	6.74	93	145262	8.719	ng	92
12) 1,3-Dichlorobenzene	6.95	146	169831	8.699	ng	98
13) 1,4-Dichlorobenzene	7.03	146	171721	8.755	ng	98
14) 1,2-Dichlorobenzene	7.18	146	162576	8.911	ng	97
15) Benzyl Alcohol	7.14	79	120356	7.176	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.28	45	294297	8.575	ng	96
17) 2-Methylphenol	7.24	107	127957	8.837	ng	97
18) Hexachloroethane	7.52	117	59742	8.555	ng	95
19) n-Nitroso-di-n-propylamine	7.41	70	116546	8.651	ng	# 84
20) 3+4-Methylphenols	7.40	107	165350	8.911	ng	93
22) Acetophenone	7.41	105	223773	9.032	ng	# 93
24) Nitrobenzene	7.59	77	174604	9.093	ng	94
25) Isophorone	7.82	82	312590	8.637	ng	98
26) 2-Nitrophenol	7.91	139	52517	7.242	ng	89
27) 2,4-Dimethylphenol	7.93	122	142451	8.868	ng	96
28) bis(2-Chloroethoxy)methane	8.03	93	188455	8.919	ng	99
29) 2,4-Dichlorophenol	8.14	162	128462	8.690	ng	96
30) 1,2,4-Trichlorobenzene	8.23	180	145873	8.950	ng	98
31) Naphthalene	8.32	128	461028	9.567	ng	99
32) Benzoic acid	7.98	122	36976	9.447	ng	83
33) 4-Chloroaniline	8.36	127	125710	5.986	ng	98
34) Hexachlorobutadiene	8.43	225	92208	8.937	ng	95
35) Caprolactam	8.70	113	39885	8.610	ng	# 76
36) 4-Chloro-3-methylphenol	8.82	107	141675	8.884	ng	97
37) 2-Methylnaphthalene	9.01	142	317923	9.325	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	158186	9.056	ng	97
40) Hexachlorocyclopentadiene	9.16	237	91495	8.110	ng	93

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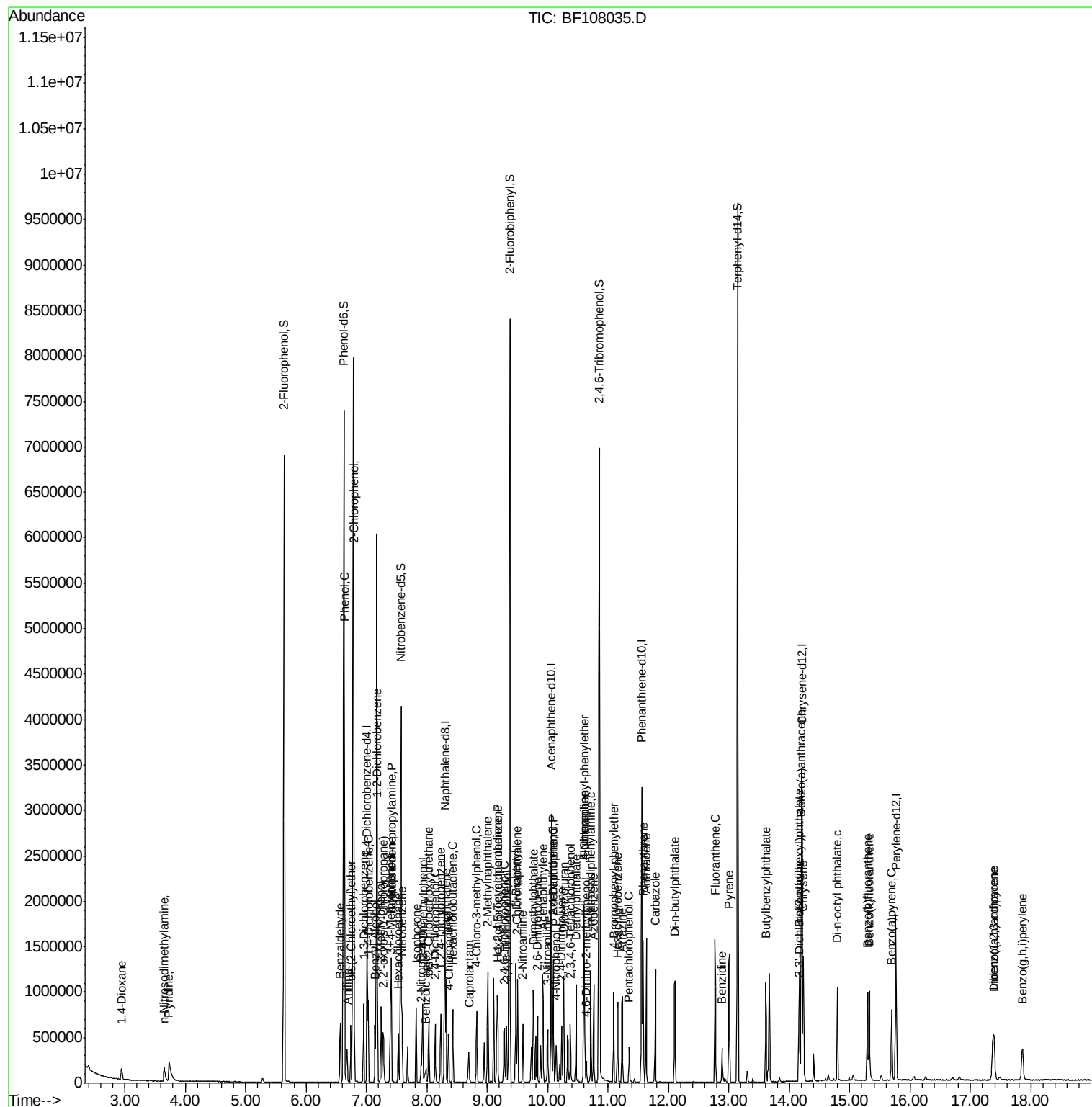
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42) 2,4,6-Trichlorophenol	9.28	196	87511	8.074	nq	98
43) 2,4,5-Trichlorophenol	9.32	196	107092	8.975	nq #	93
45) 1,1'-Biphenyl	9.47	154	399622	9.529	nq	98
46) 2-Chloronaphthalene	9.50	162	309704	9.344	nq	96
47) 2-Nitroaniline	9.59	65	93009	8.673	nq	84
48) Acenaphthylene	9.92	152	503130	9.602	nq	99
49) Dimethylphthalate	9.77	163	370269	9.345	nq	99
50) 2,6-Dinitrotoluene	9.83	165	74511	8.989	nq	90
51) Acenaphthene	10.10	154	294280	9.169	nq	98
52) 3-Nitroaniline	10.00	138	67262	7.416	nq	90
53) 2,4-Dinitrophenol	10.10	184	13448	10.975	nq #	1
54) Dibenzofuran	10.27	168	442469	9.516	nq	99
55) 4-Nitrophenol	10.14	139	55081	8.020	nq	95
56) 2,4-Dinitrotoluene	10.23	165	96480	9.042	nq #	85
57) Fluorene	10.61	166	355281	9.652	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.38	232	80774	8.099	nq	92
59) Diethylphthalate	10.47	149	354595	9.242	nq	97
60) 4-Chlorophenyl-phenylether	10.60	204	178111	9.286	nq #	88
61) 4-Nitroaniline	10.61	138	76633	8.546	nq	89
62) Azobenzene	10.76	77	370525	9.352	nq	93
64) 4,6-Dinitro-2-methylphenol	10.64	198	23528	10.063	nq	97
65) n-Nitrosodiphenylamine	10.72	169	320754	9.172	nq	98
66) 4-Bromophenyl-phenylether	11.10	248	116074	9.025	nq #	82
67) Hexachlorobenzene	11.16	284	120986	8.941	nq #	87
68) Atrazine	11.24	200	104982	8.950	nq	95
69) Pentachlorophenol	11.35	266	42847	6.615	nq	97
70) Phenanthrene	11.58	178	543249	9.732	nq	99
71) Anthracene	11.63	178	557764	9.749	nq	99
72) Carbazole	11.78	167	486027	9.562	nq	99
73) Di-n-butylphthalate	12.11	149	557951	9.691	nq	98
74) Fluoranthene	12.77	202	595716	9.779	nq	95
76) Benzidine	12.89	184	123848	3.216	nq #	94
77) Pyrene	13.01	202	598903	9.178	nq	98
79) Butylbenzylphthalate	13.61	149	213274	8.231	nq	98
80) Benzo(a)anthracene	14.19	228	541374	9.153	nq	99
81) 3,3'-Dichlorobenzidine	14.15	252	96142	4.536	nq #	94
82) Chrysene	14.24	228	504052	9.295	nq	98
83) Bis(2-ethylhexyl)phthalate	14.17	149	305048	8.694	nq #	99
84) Di-n-octyl phthalate	14.79	149	451233	8.432	nq #	94
85) Indeno(1,2,3-cd)pyrene	17.37	276	372238	7.922	nq #	92
87) Benzo(b)fluoranthene	15.29	252	444708	8.433	nq	97
88) Benzo(k)fluoranthene	15.32	252	459085	9.471	nq #	97
89) Benzo(a)pyrene	15.69	252	412565	8.737	nq #	97
90) Dibenzo(a,h)anthracene	17.39	278	313359	8.020	nq #	95
91) Benzo(g,h,i)perylene	17.86	276	299433	7.783	nq #	91

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

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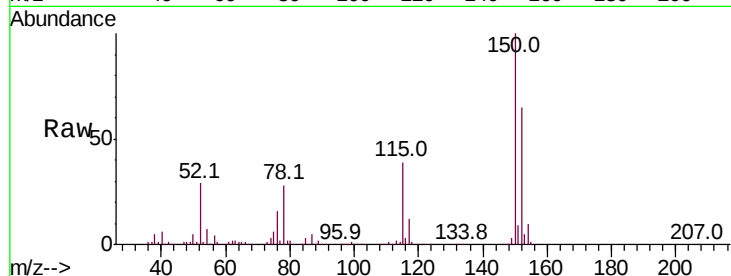


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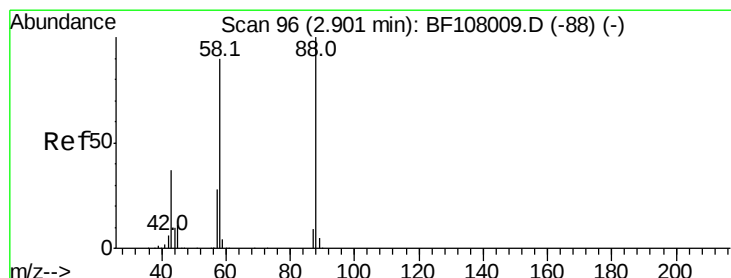
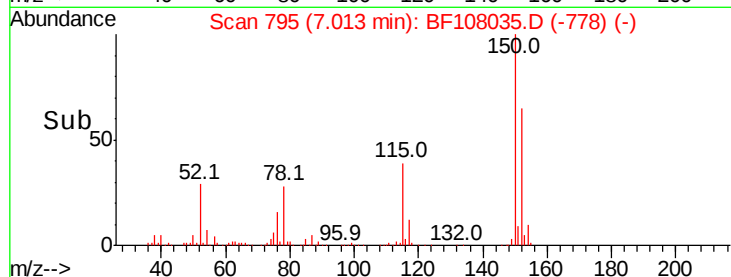
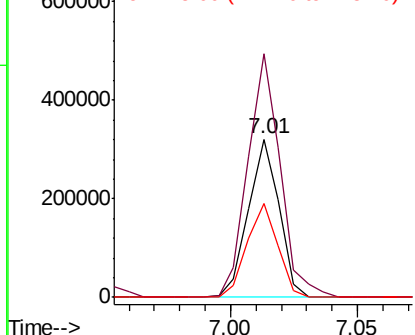
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108035.D
Acq: 8 Aug 2018 22:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 271413
Ion Ratio Lower Upper
152 100
150 153.8 124.6 186.8
115 59.6 50.1 75.1



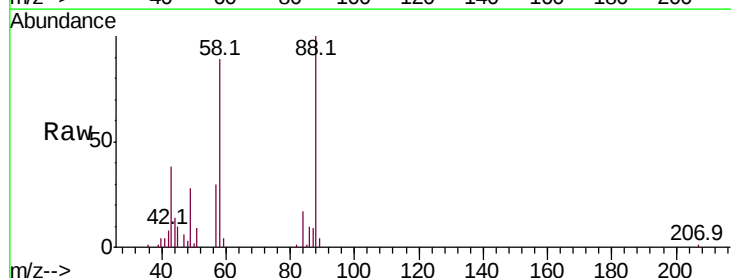
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



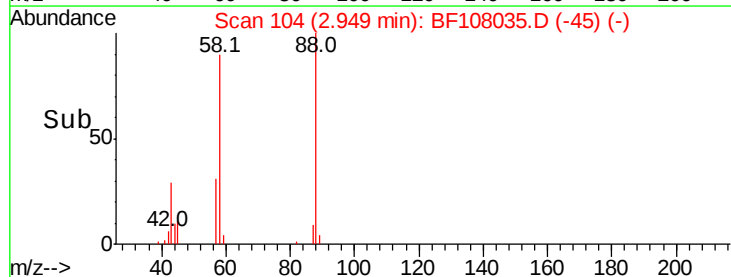
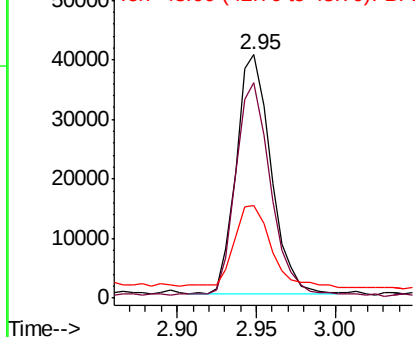
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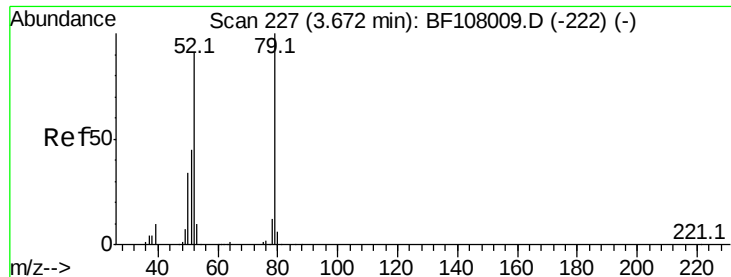
1,4-Dioxane
Concen: 7.895 ng
RT: 2.95 min Scan# 104
Delta R.T. 0.05 min
Lab File: BF108035.D
Acq: 8 Aug 2018 22:27

Tgt Ion: 88 Resp: 60817
Ion Ratio Lower Upper
88 100
58 91.1 62.6 93.8
43 36.3 24.6 37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1

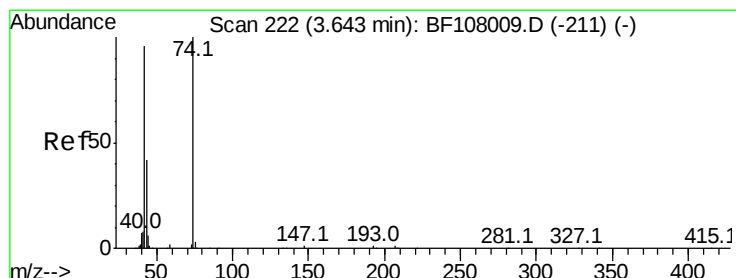
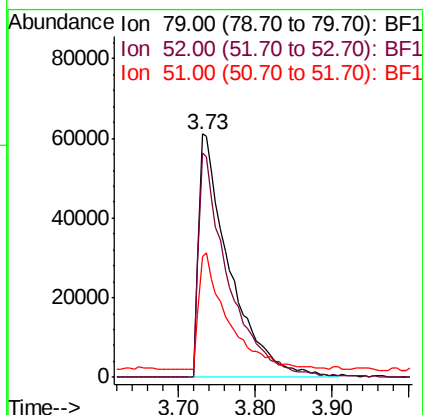
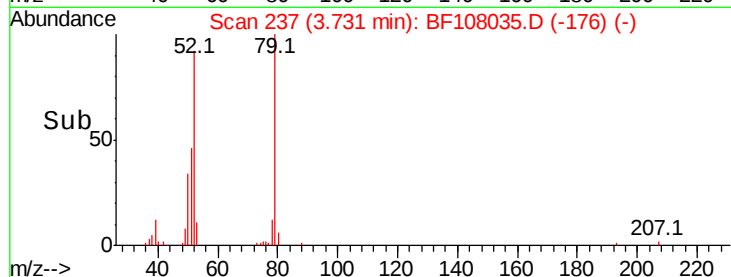
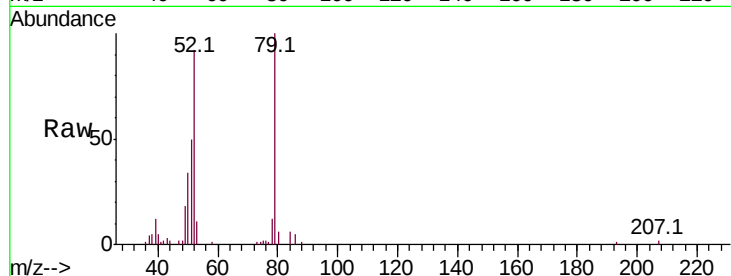




#3
 Pvridine
 Concen: 8.594 ng
 RT: 3.73 min Scan# 237
 Delta R.T. 0.06 min
 Lab File: BF108035.D
 Acq: 8 Aug 2018 22:27

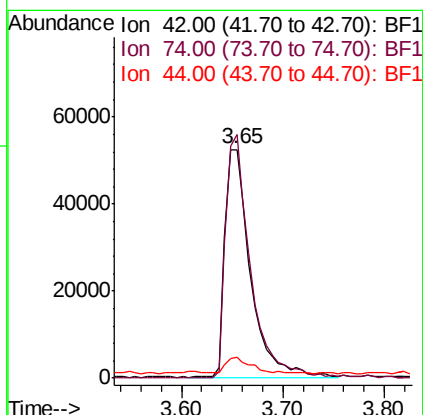
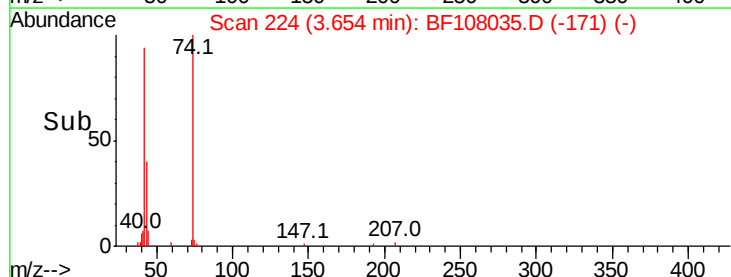
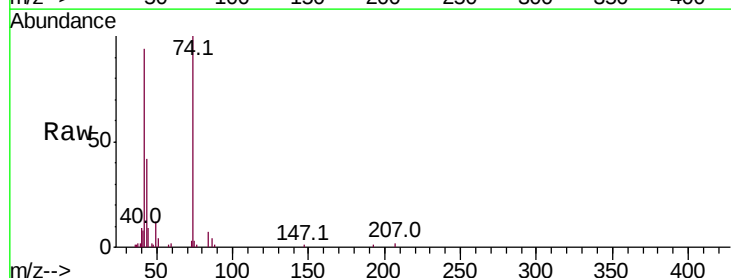
Instrument :
 BNA_F
 ClientSampleId :

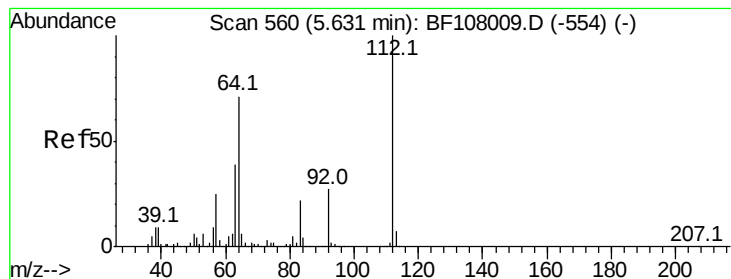
Tot Ion: 79 Resp: 170533
 Ion Ratio Lower Upper
 79 100
 52 92.4 59.8 89.6#
 51 49.9 29.8 44.8#



#4
 n-Nitrosodimethylamine
 Concen: 8.394 ng
 RT: 3.65 min Scan# 224
 Delta R.T. 0.01 min
 Lab File: BF108035.D
 Acq: 8 Aug 2018 22:27

Tgt Ion: 42 Resp: 93730
 Ion Ratio Lower Upper
 42 100
 74 106.4 104.9 157.3
 44 9.2 6.9 10.3

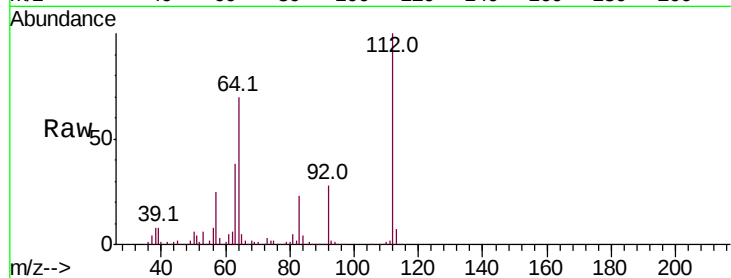




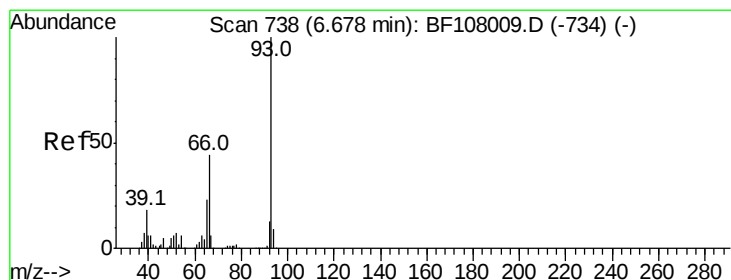
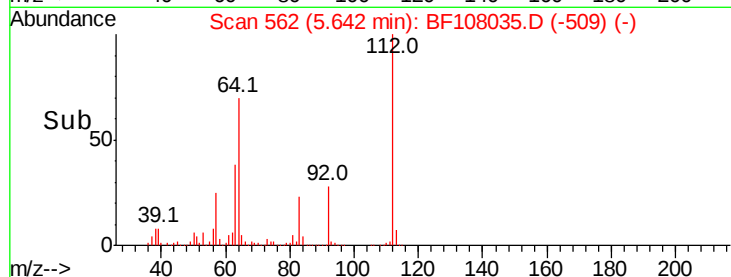
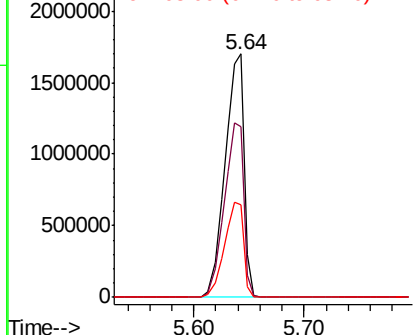
#5
 2-Fluorophenol
 Concen: 137.021 ng
 RT: 5.64 min Scan# 562
 Delta R.T. 0.01 min
 Lab File: BF108035.D
 Acq: 8 Aug 2018 22:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:112 Resp: 2054142
 Ion Ratio Lower Upper
 112 100
 64 70.1 47.9 71.9
 63 38.2 23.7 35.5#

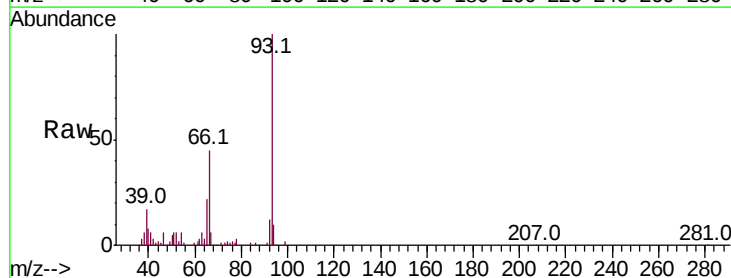


Abundance Ion 112.00 (111.70 to 112.70): BF1
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1

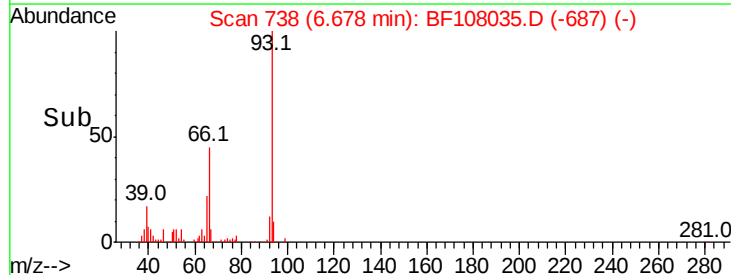
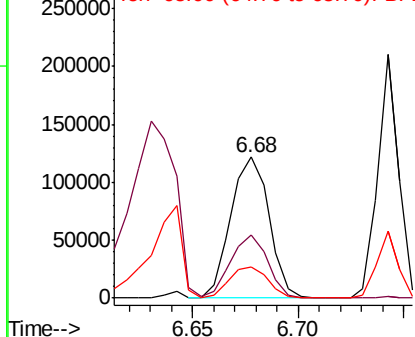


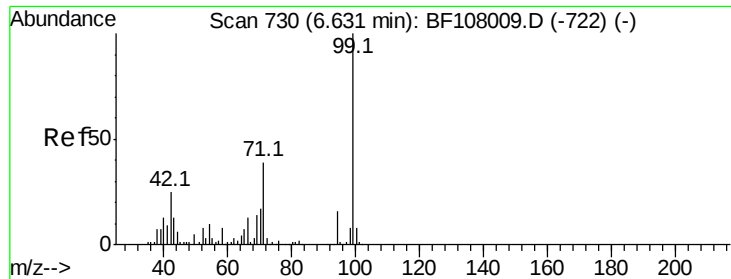
#6
 Aniline
 Concen: 5.602 ng
 RT: 6.68 min Scan# 738
 Delta R.T. 0.00 min
 Lab File: BF108035.D
 Acq: 8 Aug 2018 22:27

Tgt Ion: 93 Resp: 151796
 Ion Ratio Lower Upper
 93 100
 66 44.8 32.2 48.2
 65 22.2 16.4 24.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 66.00 (65.70 to 66.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 138.845 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF108035.D

Acq: 8 Aug 2018 22:27

Instrument :

BNA_F

ClientSampled :

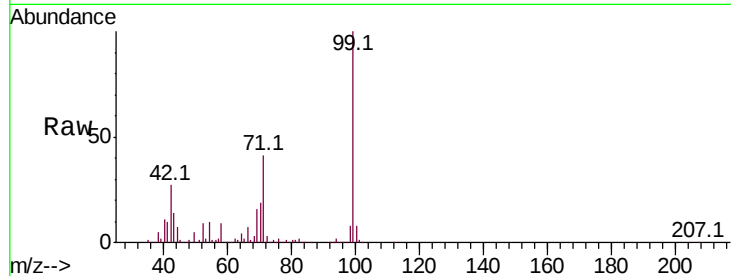
Tot Ion: 99 Resp: 2766009

Ion Ratio Lower Upper

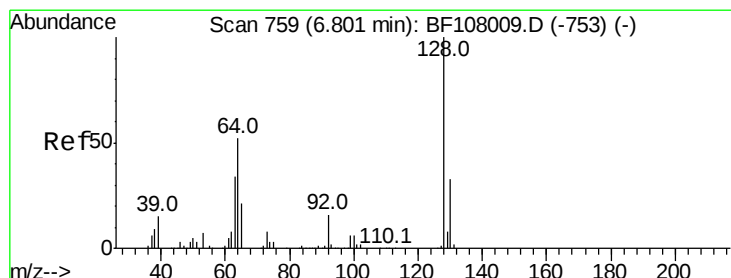
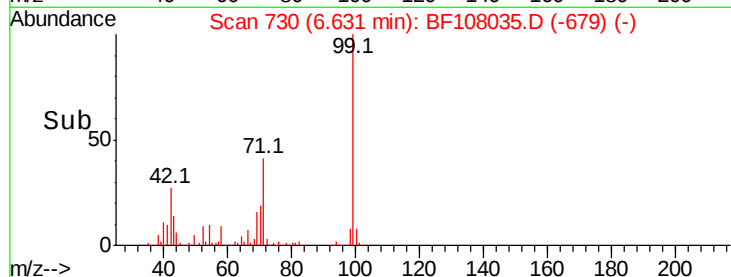
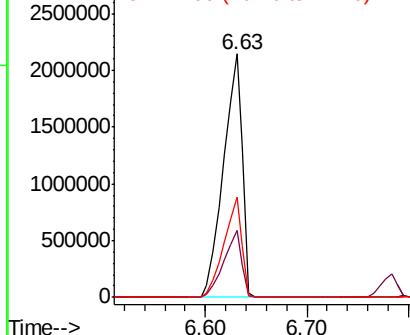
99 100

42 27.4 14.5 21.7#

71 41.3 25.4 38.0#



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 8.672 ng

RT: 6.80 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF108035.D

Acq: 8 Aug 2018 22:27

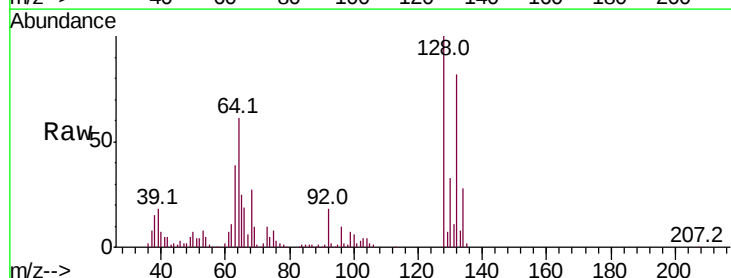
Tgt Ion:128 Resp: 146421

Ion Ratio Lower Upper

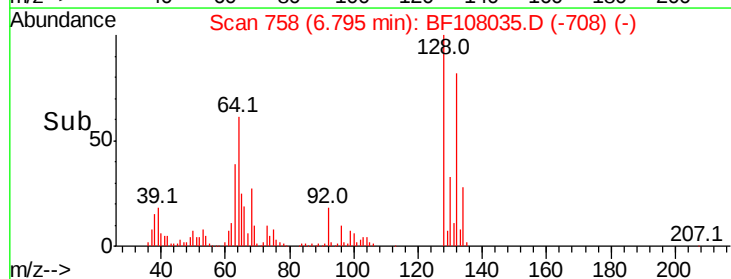
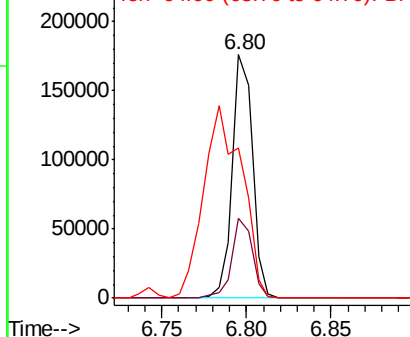
128 100

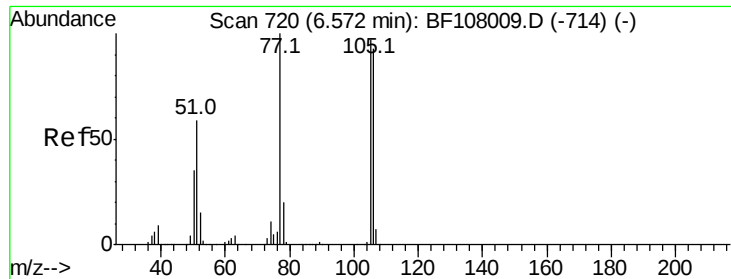
130 32.8 13.0 53.0

64 61.5 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 7.761 ng

RT: 6.57 min Scan# 719

Delta R.T. -0.01 min

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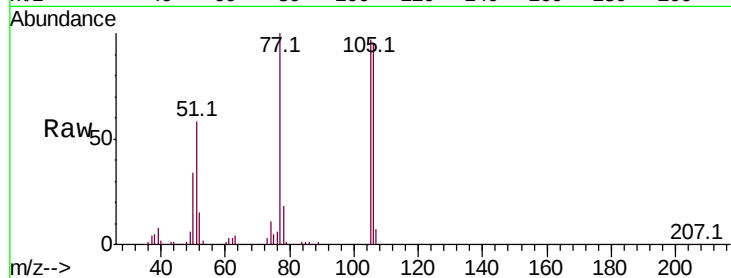
Tot Ion: 77 Resp: 119867

Ion Ratio Lower Upper

77 100

105 97.4 81.1 121.1

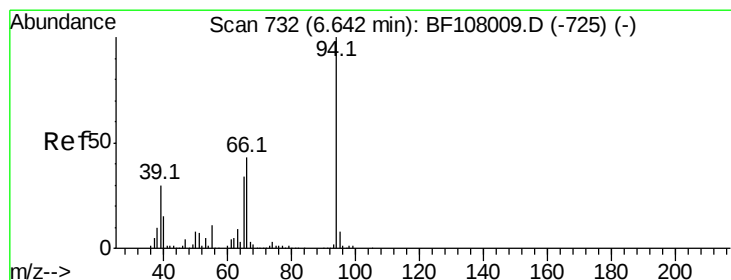
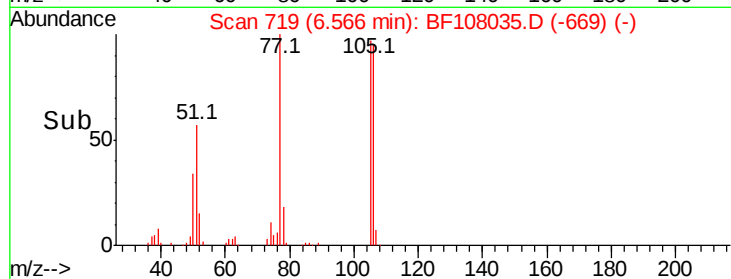
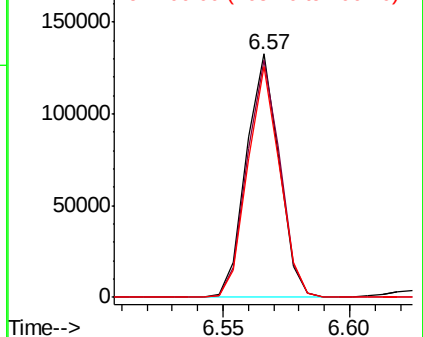
106 95.0 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 8.364 ng

RT: 6.64 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF108035.D

Acq: 8 Aug 2018 22:27

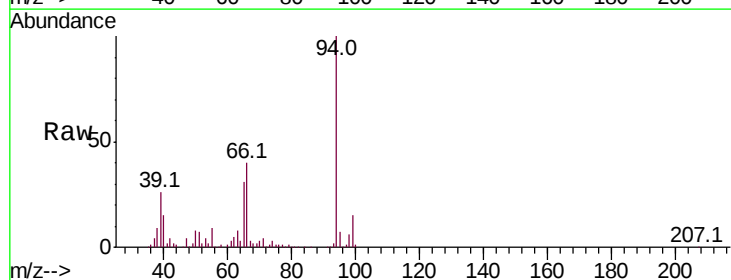
Tgt Ion: 94 Resp: 172361

Ion Ratio Lower Upper

94 100

65 30.8 7.9 47.9

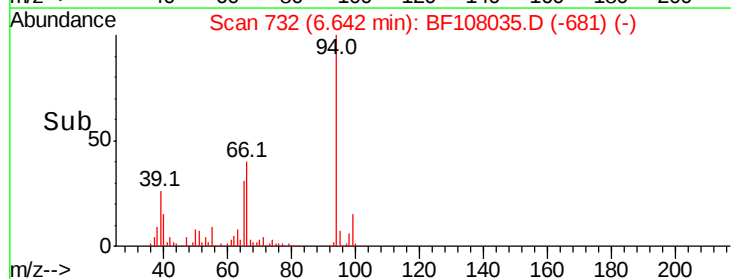
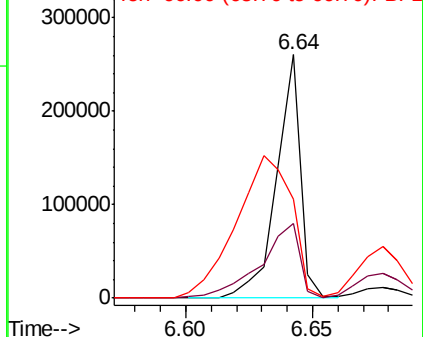
66 40.5 16.2 56.2

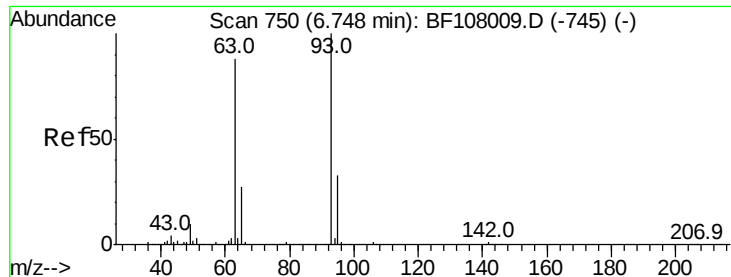


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 8.719 ng

RT: 6.74 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF108035.D

Acq: 8 Aug 2018 22:27

Instrument :

BNA_F

ClientSampleId :

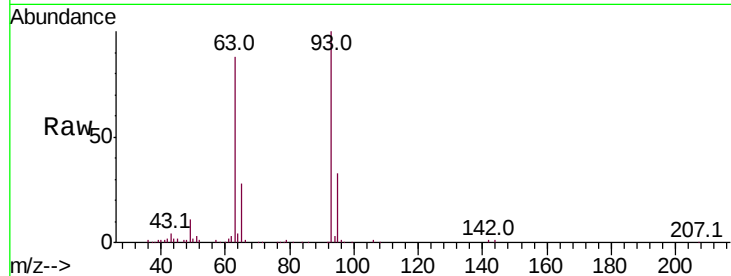
Tot Ion: 93 Resp: 145262

Ion Ratio Lower Upper

93 100

63 87.8 58.6 98.6

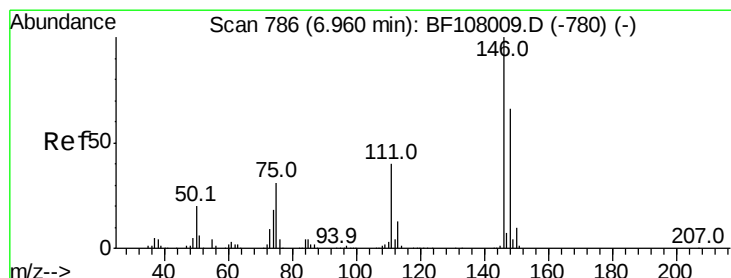
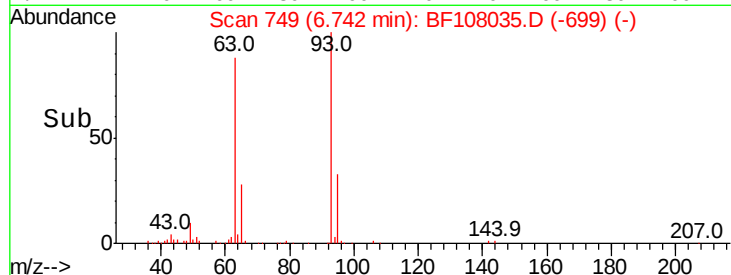
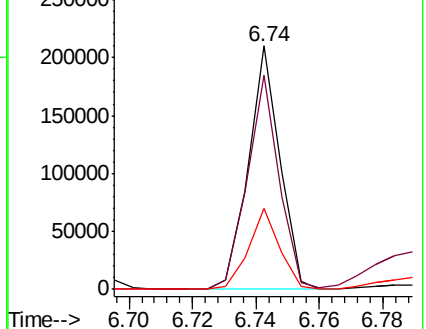
95 33.3 11.8 51.8



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: 8.699 ng

RT: 6.95 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF108035.D

Acq: 8 Aug 2018 22:27

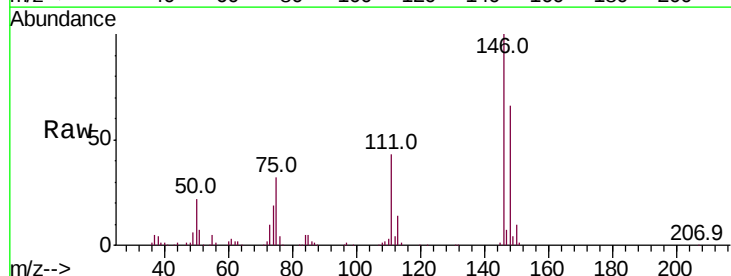
Tgt Ion: 146 Resp: 169831

Ion Ratio Lower Upper

146 100

148 65.5 51.8 77.8

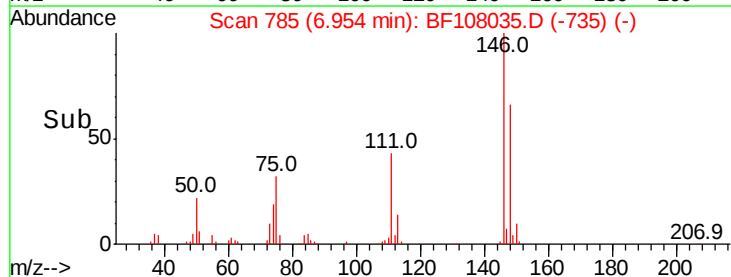
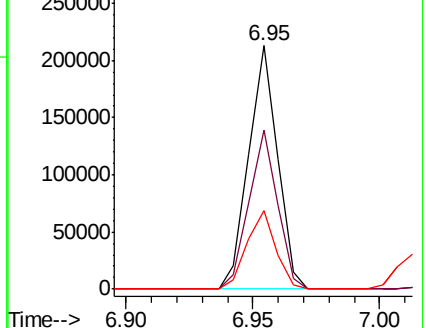
75 32.4 24.2 36.4



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

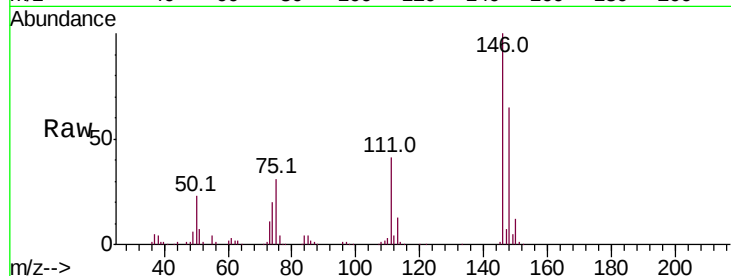




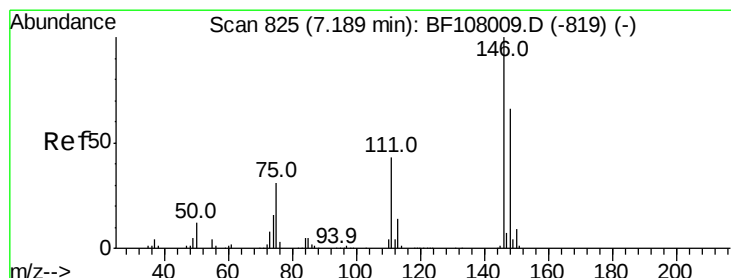
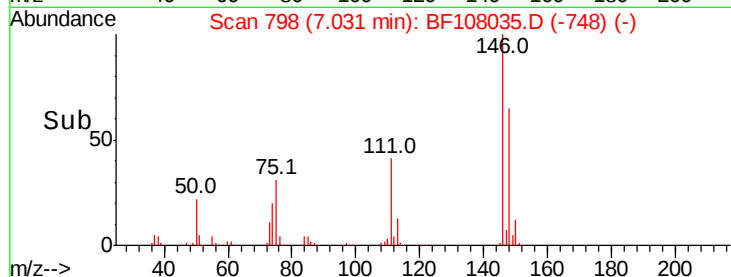
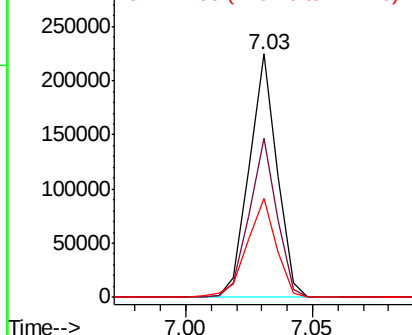
#13
1,4-Dichlorobenzene
Concen: 8.755 ng
RT: 7.03 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF108035.D
Acq: 8 Aug 2018 22:27

Instrument :
BNA_F
ClientSampled :

Tot Ion:146 Resp: 171721
Ion Ratio Lower Upper
146 100
148 65.2 50.8 76.2
111 40.9 34.2 51.2

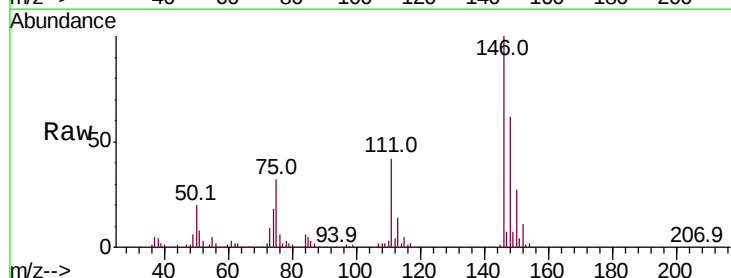


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

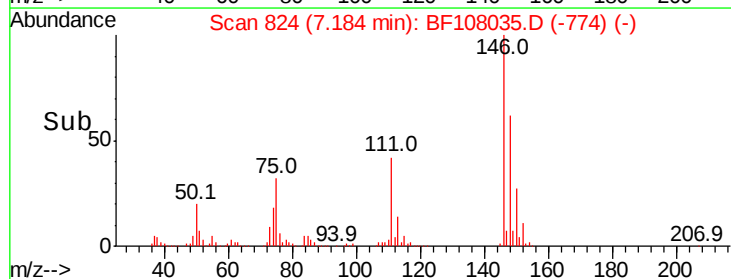
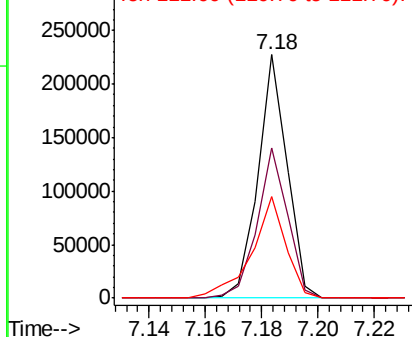


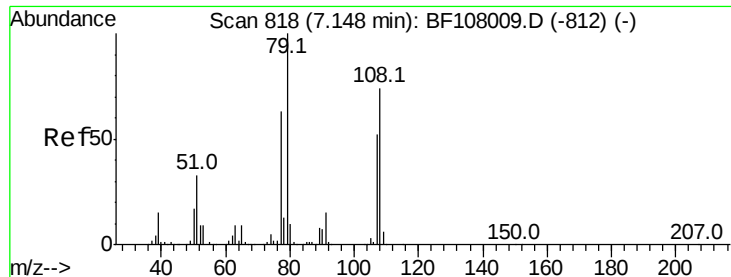
#14
1,2-Dichlorobenzene
Concen: 8.911 ng
RT: 7.18 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF108035.D
Acq: 8 Aug 2018 22:27

Tgt Ion:146 Resp: 162576
Ion Ratio Lower Upper
146 100
148 61.5 50.6 75.8
111 41.7 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: 7.176 ng

RT: 7.14 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF108035.D

Acq: 8 Aug 2018 22:27

Instrument :

BNA_F

ClientSampleId :

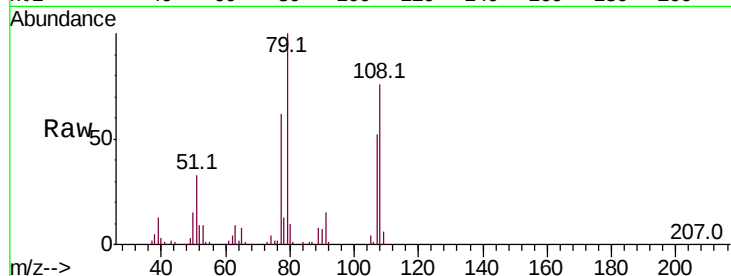
Tot Ion: 79 Resp: 120356

Ion Ratio Lower Upper

79 100

108 76.3 65.1 97.7

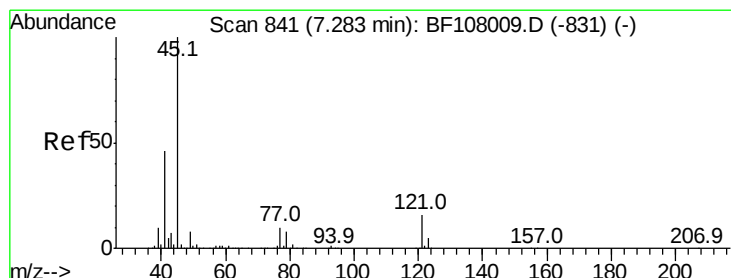
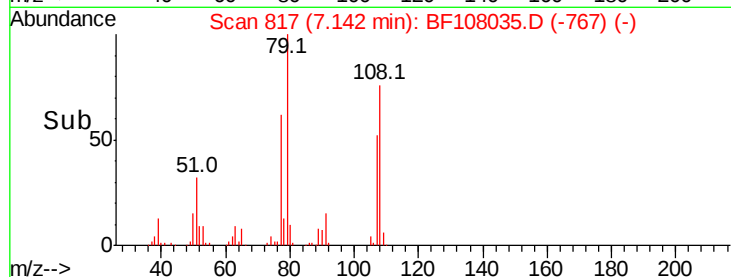
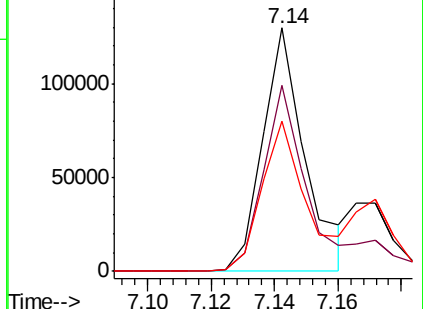
77 61.7 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 8.575 ng

RT: 7.28 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF108035.D

Acq: 8 Aug 2018 22:27

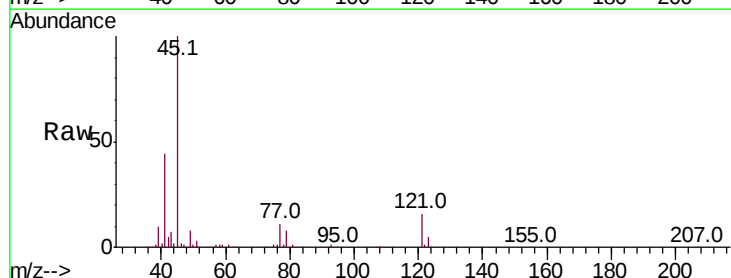
Tgt Ion: 45 Resp: 294297

Ion Ratio Lower Upper

45 100

77 10.9 0.0 32.9

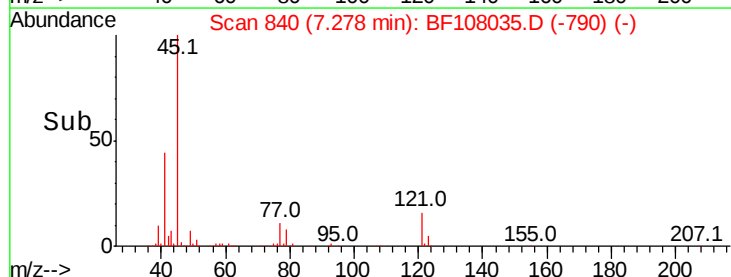
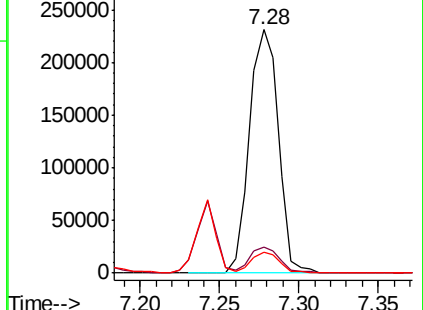
79 8.5 0.0 29.6



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: 8.837 ng

RT: 7.24 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF108035.D

Acq: 8 Aug 2018 22:27

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 127957

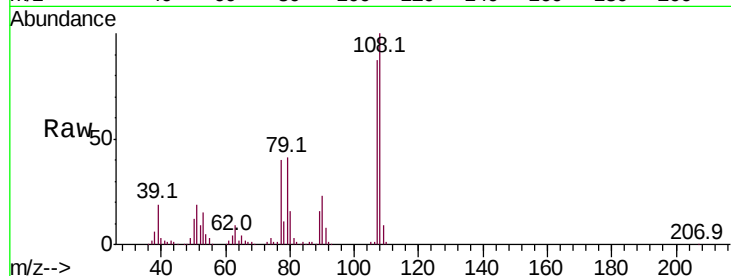
Ion Ratio Lower Upper

107 100

108 114.7 91.7 137.5

77 45.9 33.8 50.8

79 47.2 33.8 50.8

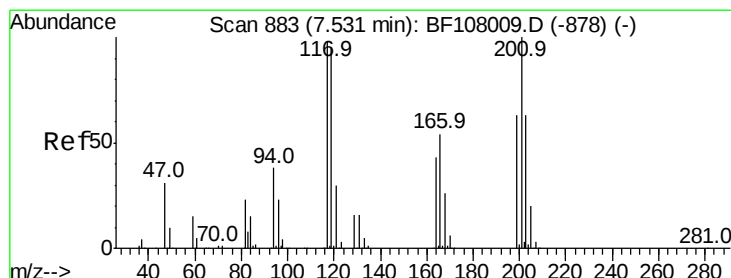
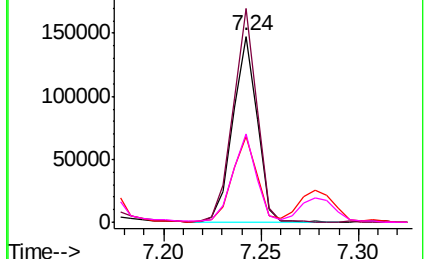
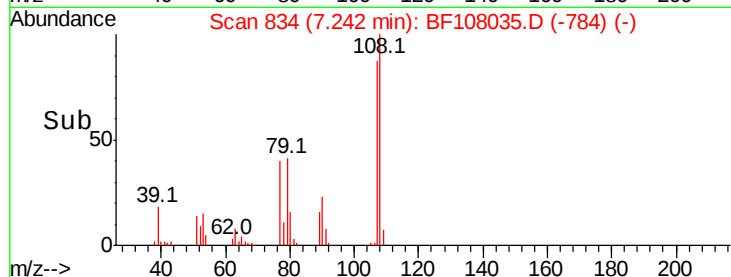


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 8.555 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF108035.D

Acq: 8 Aug 2018 22:27

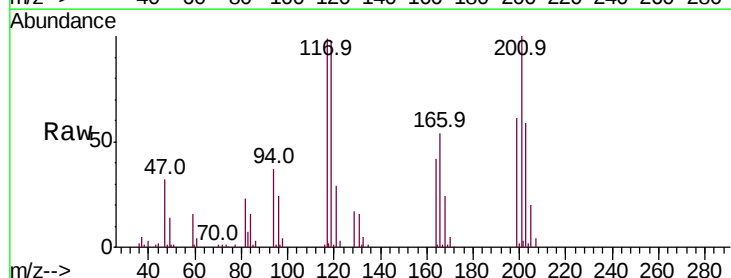
Tgt Ion:117 Resp: 59742

Ion Ratio Lower Upper

117 100

119 97.8 75.8 113.8

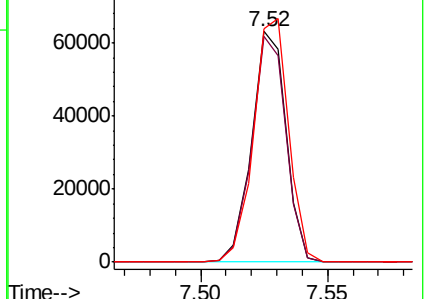
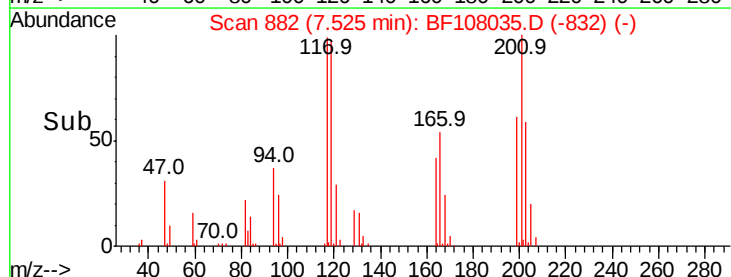
201 100.9 75.7 113.5

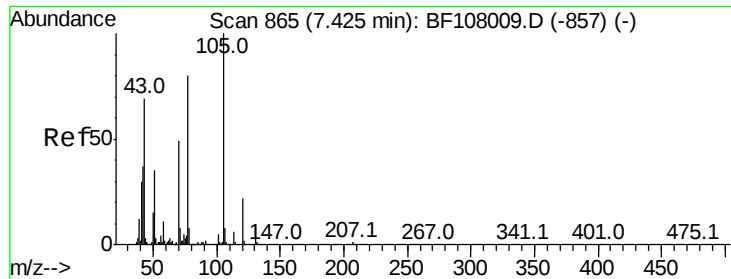


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

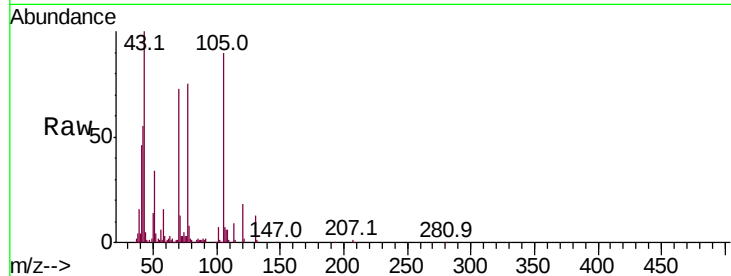




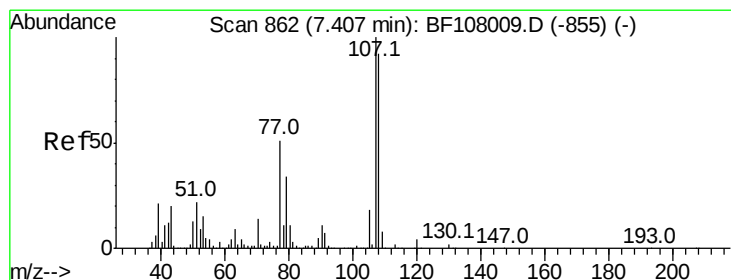
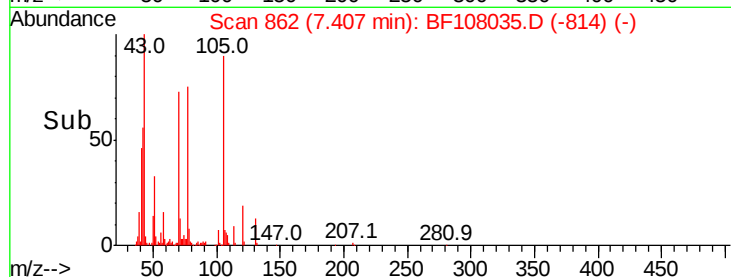
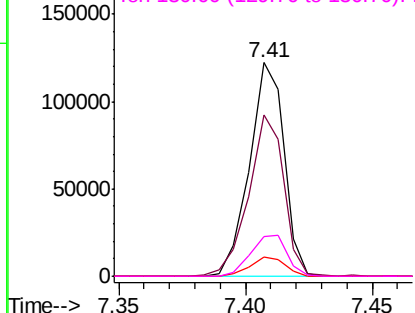
#19
n-Nitroso-di-n-propylamine
Concen: 8.651 ng
RT: 7.41 min Scan# 862
Delta R.T. -0.02 min
Lab File: BF108035.D
Acq: 8 Aug 2018 22:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 116546
Ion Ratio Lower Upper
70 100
42 75.5 47.5 71.3#
101 9.2 7.4 11.2
130 18.3 16.6 25.0

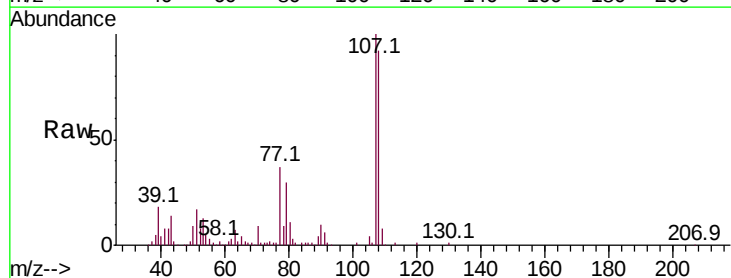


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

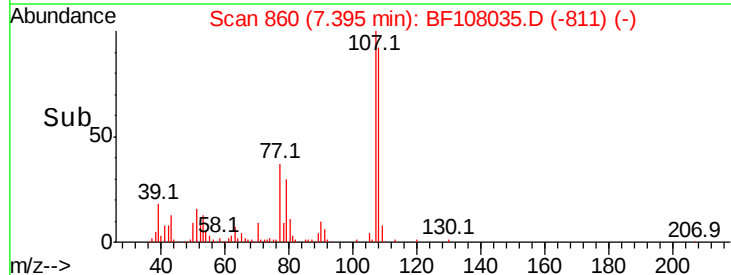
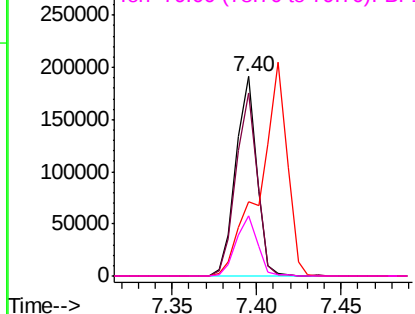


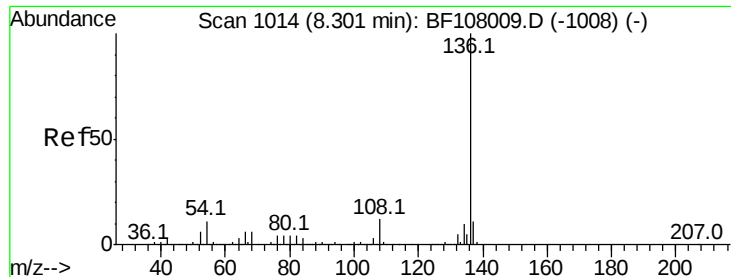
#20
3+4-Methylphenols
Concen: 8.911 ng
RT: 7.40 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF108035.D
Acq: 8 Aug 2018 22:27

Tgt Ion:107 Resp: 165350
Ion Ratio Lower Upper
107 100
108 91.6 68.2 108.2
77 37.2 26.7 66.7
79 30.4 6.3 46.3



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.30 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF108035.D

Acq: 8 Aug 2018 22:27

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1059599

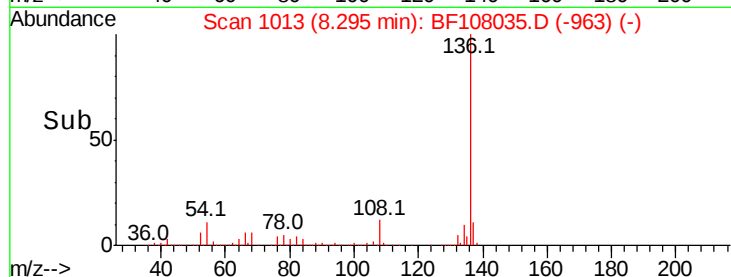
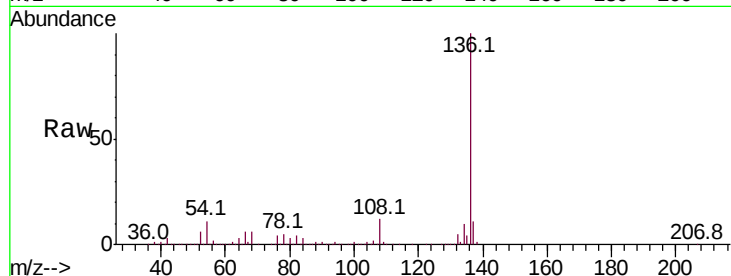
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 11.0 6.6 9.8#

68 6.2 5.0 7.4

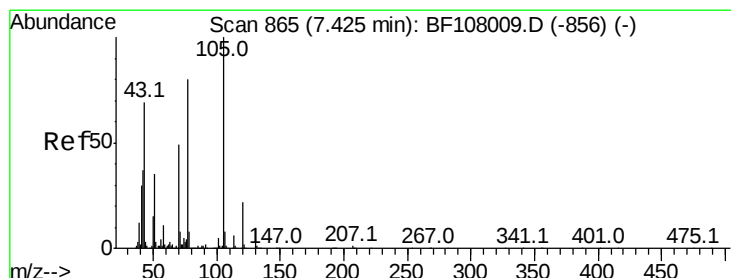
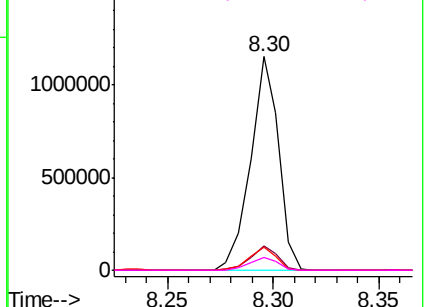


Abundance Ion 136.00 (135.70 to 136.70): E

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: 9.032 ng

RT: 7.41 min Scan# 863

Delta R.T. -0.01 min

Lab File: BF108035.D

Acq: 8 Aug 2018 22:27

Tgt Ion:105 Resp: 223773

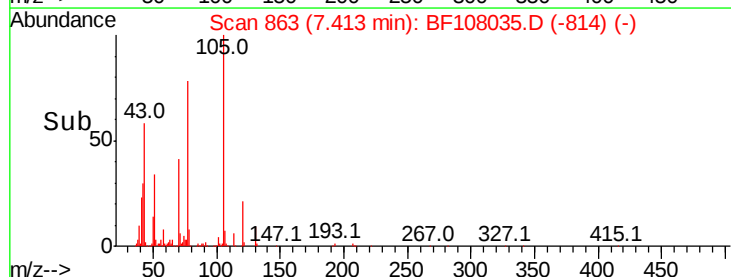
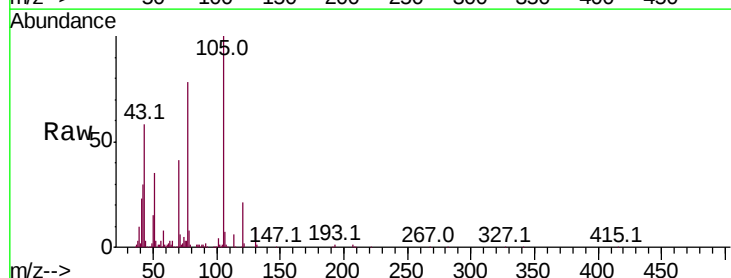
Ion Ratio Lower Upper

105 100

71 6.0 4.4 6.6

51 34.7 22.3 33.5#

120 20.9 16.9 25.3

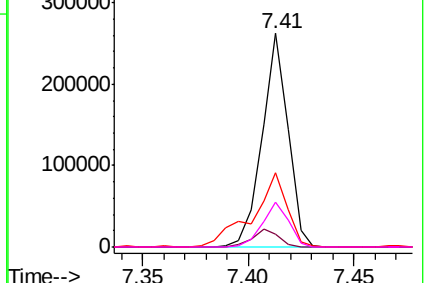


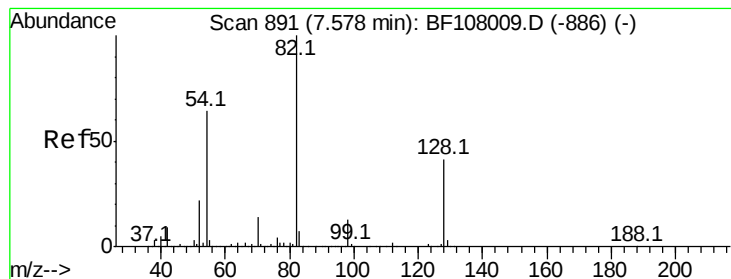
Abundance Ion 105.00 (104.70 to 105.70): E

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: 78.465 ng

RT: 7.57 min Scan# 890

Delta R.T. -0.01 min

Lab File: BF108035.D

Acq: 8 Aug 2018 22:27

Instrument :

BNA_F

ClientSampleId :

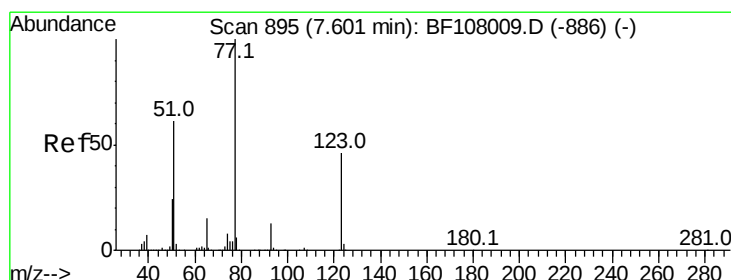
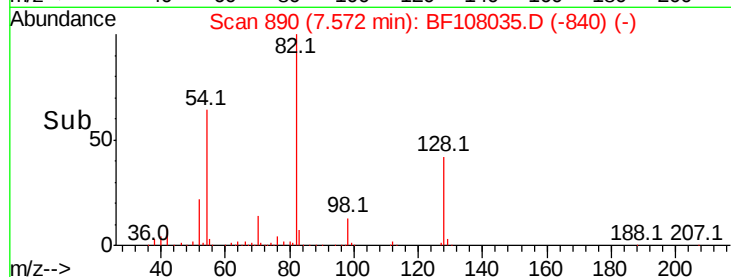
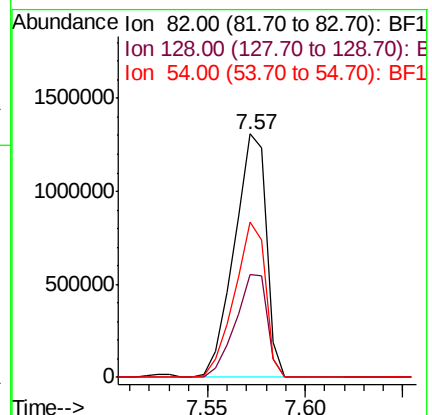
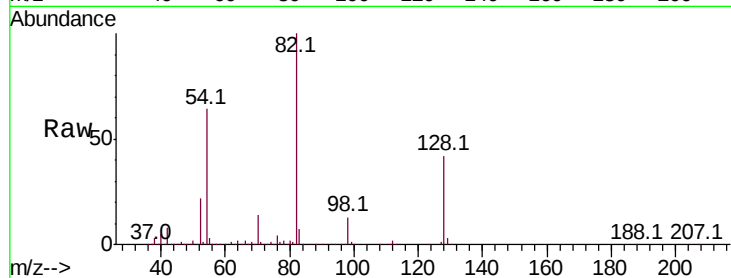
Tot Ion: 82 Resp: 1489947

Ion Ratio Lower Upper

82 100

128 42.0 36.1 54.1

54 63.9 41.4 62.2#



#24

Nitrobenzene

Concen: 9.093 ng

RT: 7.59 min Scan# 893

Delta R.T. -0.01 min

Lab File: BF108035.D

Acq: 8 Aug 2018 22:27

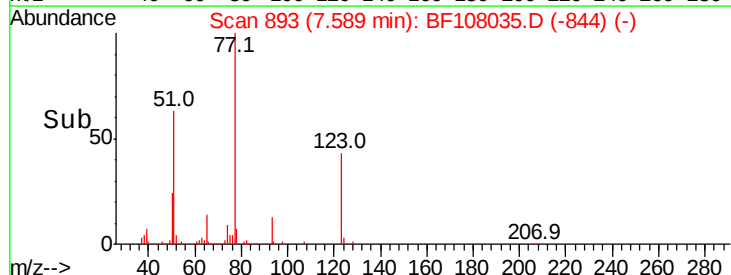
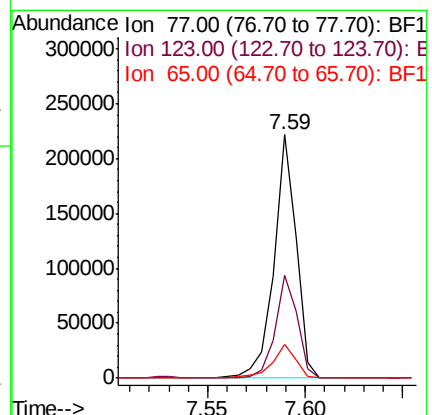
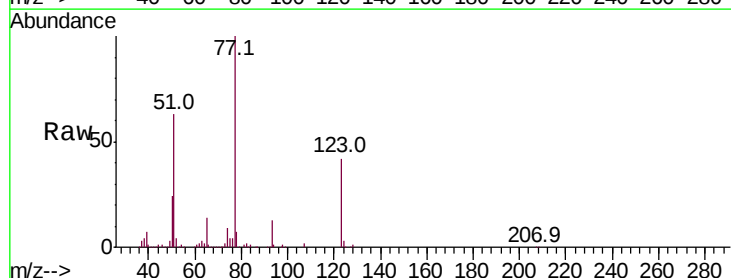
Tgt Ion: 77 Resp: 174604

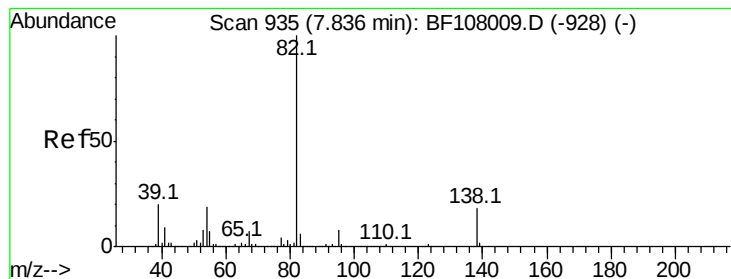
Ion Ratio Lower Upper

77 100

123 42.5 37.9 56.9

65 13.9 11.0 16.4





#25

Isophorone

Concen: 8.637 ng

RT: 7.82 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF108035.D

Acq: 8 Aug 2018 22:27

Instrument :

BNA_F

ClientSampleId :

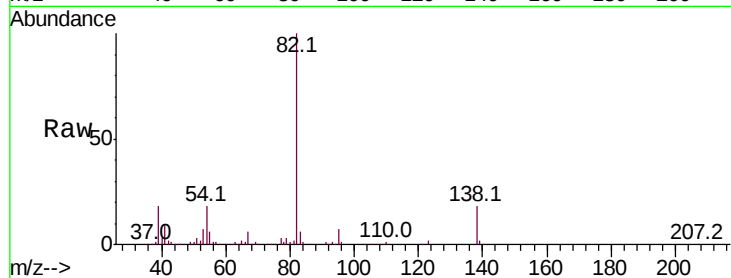
Tot Ion: 82 Resp: 312590

Ion Ratio Lower Upper

82 100

95 7.1 5.2 7.8

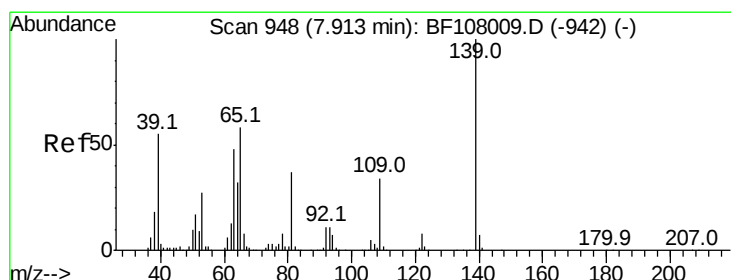
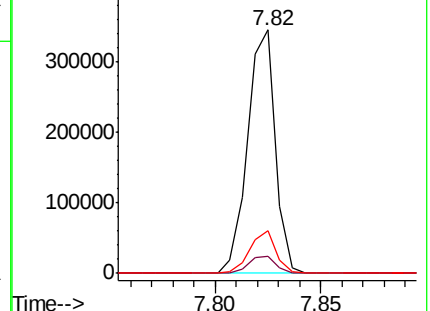
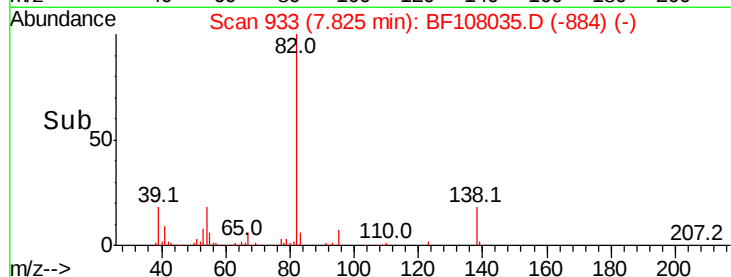
138 17.7 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 7.242 ng

RT: 7.91 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF108035.D

Acq: 8 Aug 2018 22:27

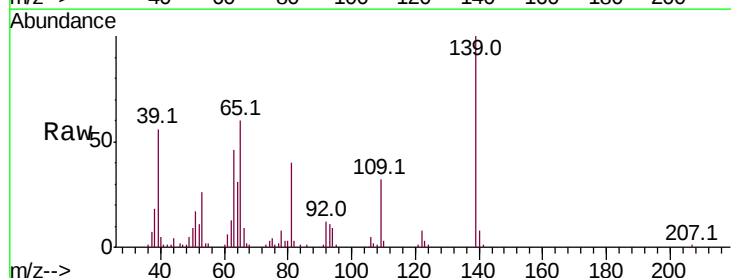
Tgt Ion: 139 Resp: 52517

Ion Ratio Lower Upper

139 100

109 31.6 22.7 34.1

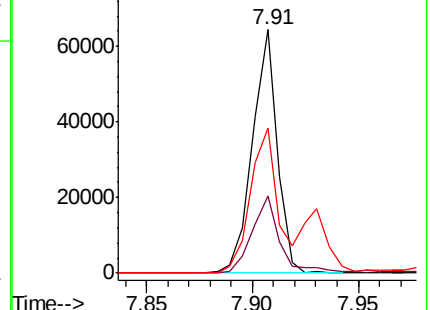
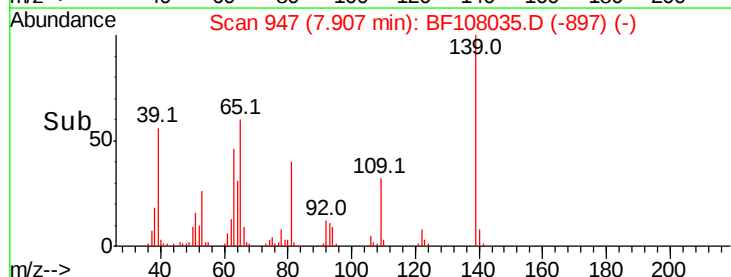
65 59.7 40.5 60.7

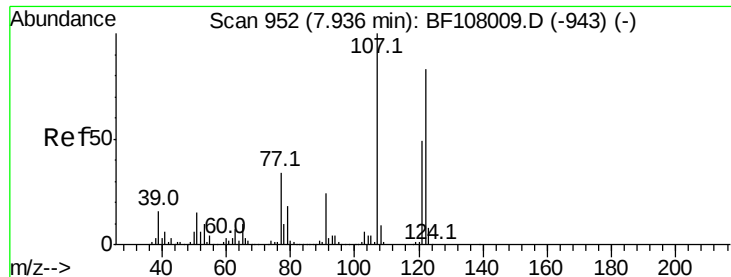


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

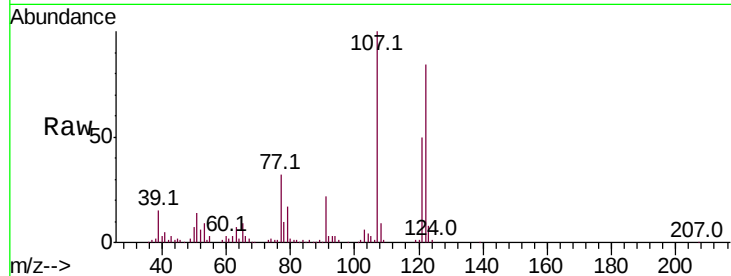




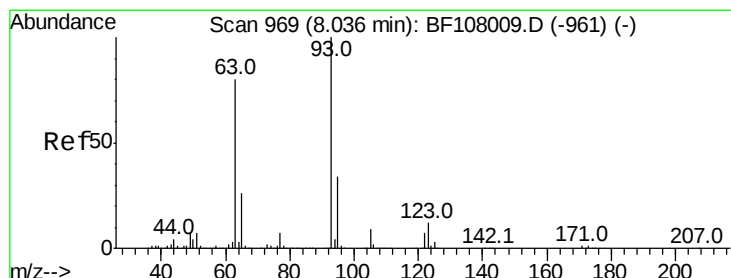
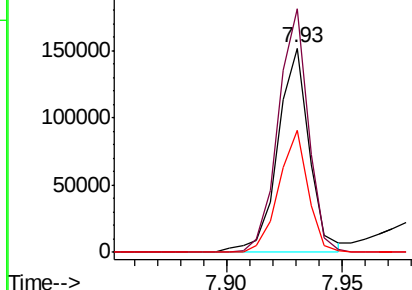
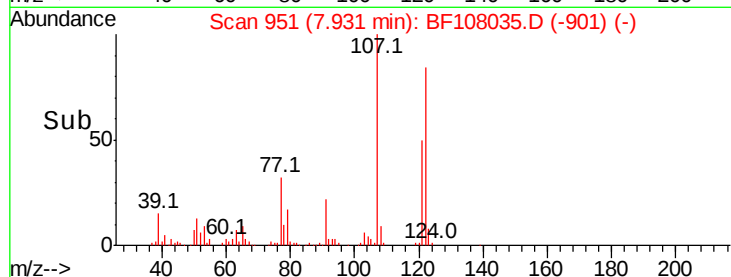
#27
 2,4-Dimethylphenol
 Concen: 8.868 ng
 RT: 7.93 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF108035.D
 Acq: 8 Aug 2018 22:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 142451
 Ion Ratio Lower Upper
 122 100
 107 119.2 91.2 136.8
 121 59.8 47.2 70.8

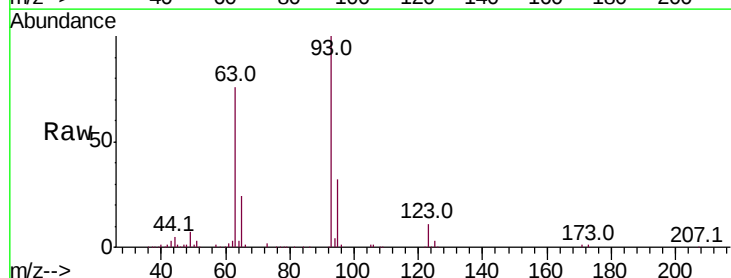


Abundance Ion 122.00 (121.70 to 122.70): E
 250000
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

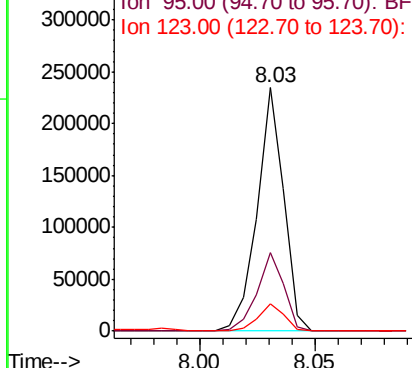
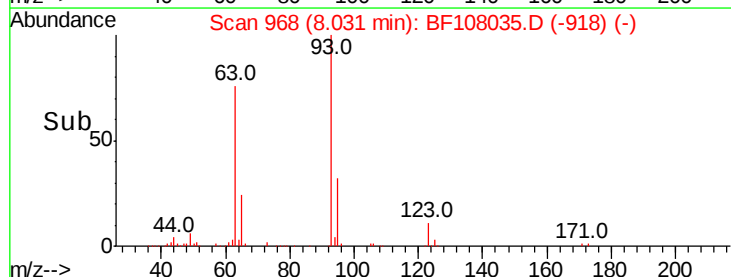


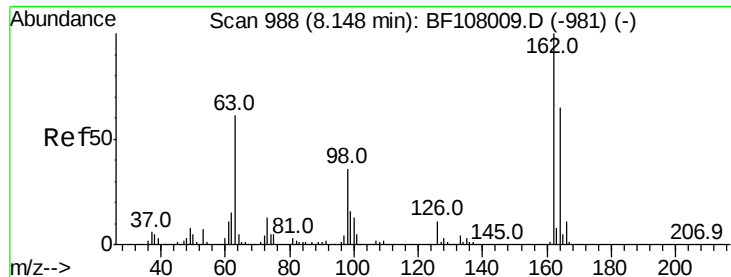
#28
 bis(2-Chloroethoxy)methane
 Concen: 8.919 ng
 RT: 8.03 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BF108035.D
 Acq: 8 Aug 2018 22:27

Tgt Ion: 93 Resp: 188455
 Ion Ratio Lower Upper
 93 100
 95 32.5 26.3 39.5
 123 11.1 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
 300000
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

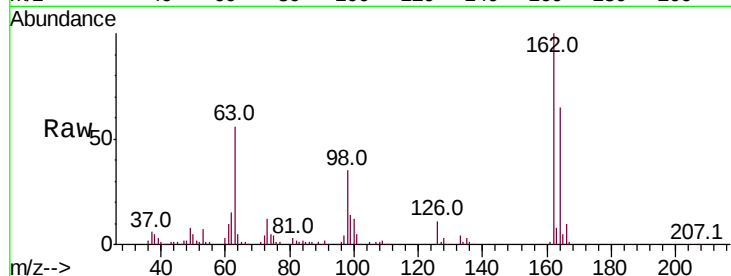




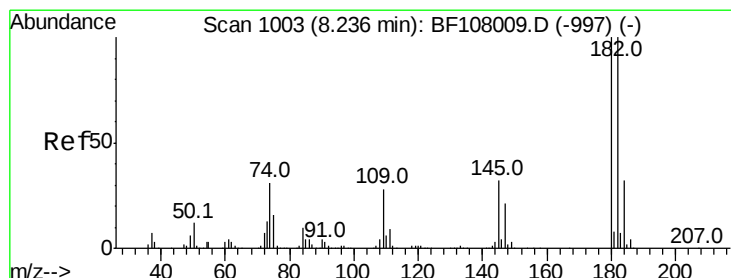
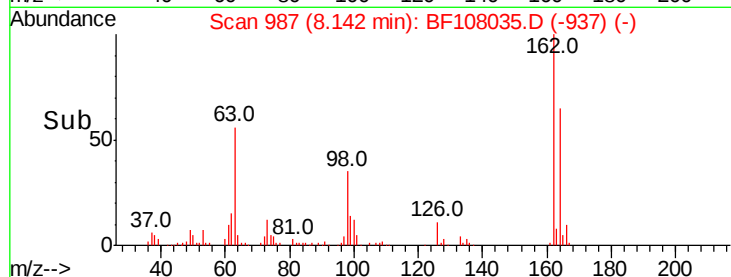
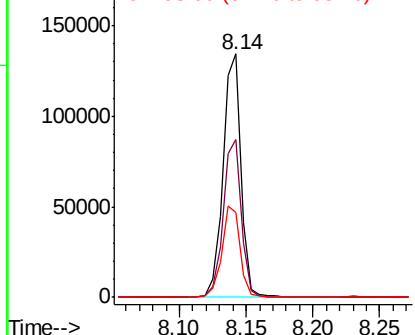
#29
2,4-Dichlorophenol
Concen: 8.690 ng
RT: 8.14 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF108035.D
Acq: 8 Aug 2018 22:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 128462
Ion Ratio Lower Upper
162 100
164 64.9 42.7 82.7
98 35.0 18.1 58.1

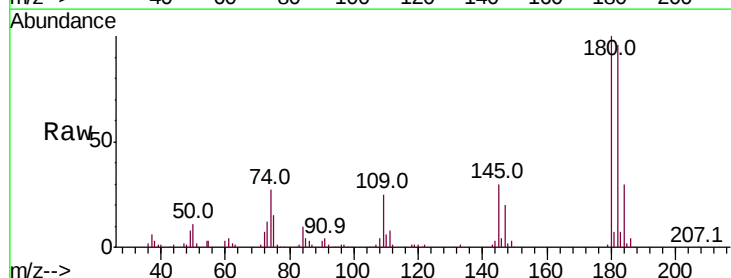


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

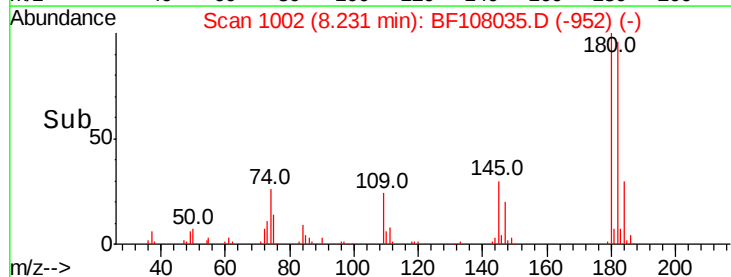
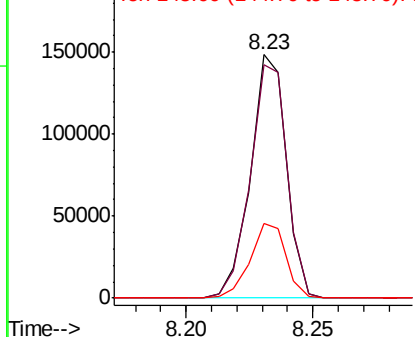


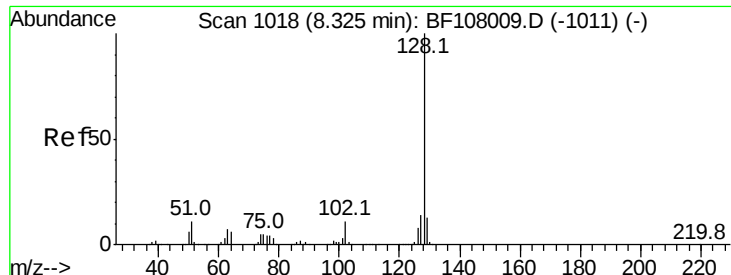
#30
1,2,4-Trichlorobenzene
Concen: 8.950 ng
RT: 8.23 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF108035.D
Acq: 8 Aug 2018 22:27

Tgt Ion:180 Resp: 145873
Ion Ratio Lower Upper
180 100
182 95.6 76.8 115.2
145 30.4 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

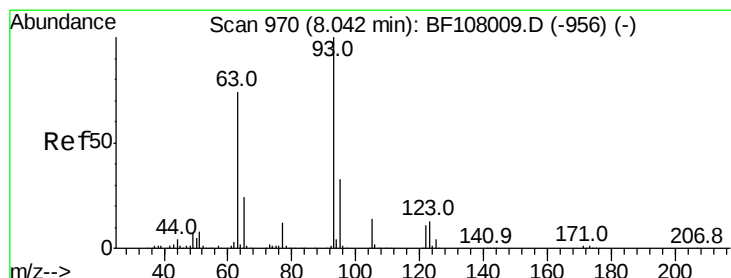
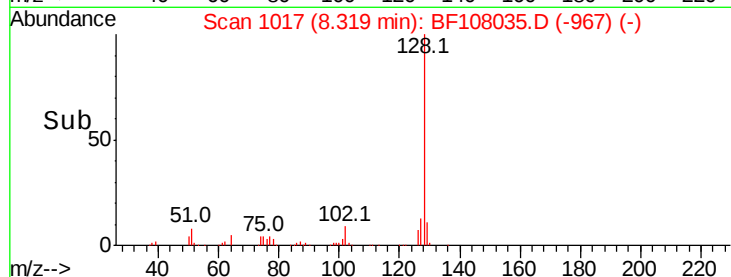
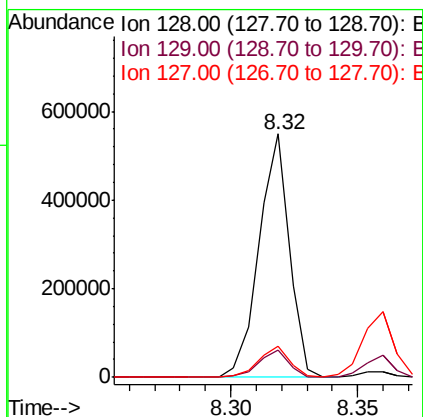
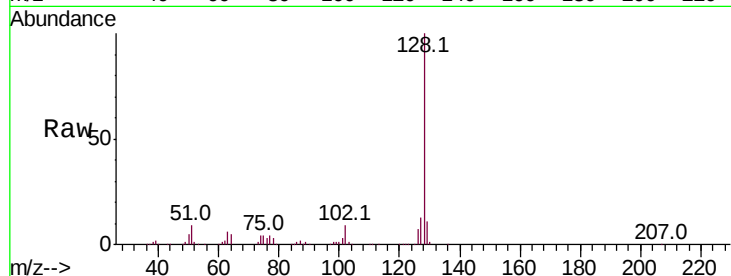




#31
Naphthalene
Concen: 9.567 ng
RT: 8.32 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF108035.D
Acq: 8 Aug 2018 22:27

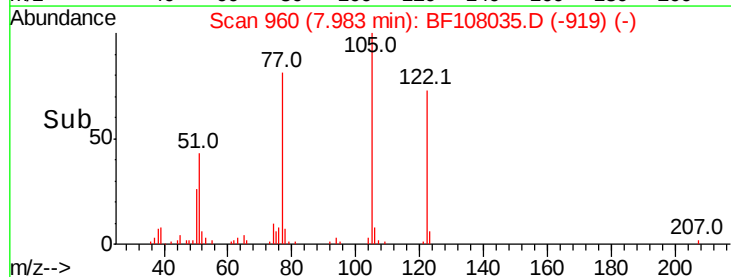
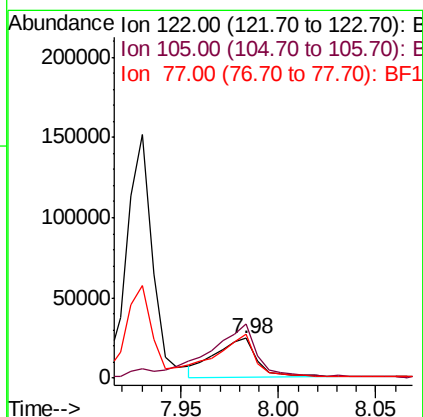
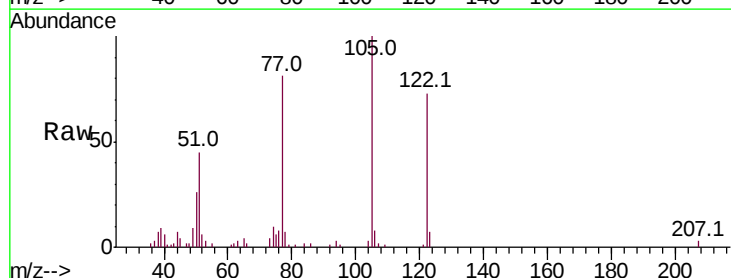
Instrument :
BNA_F
ClientSampleId :

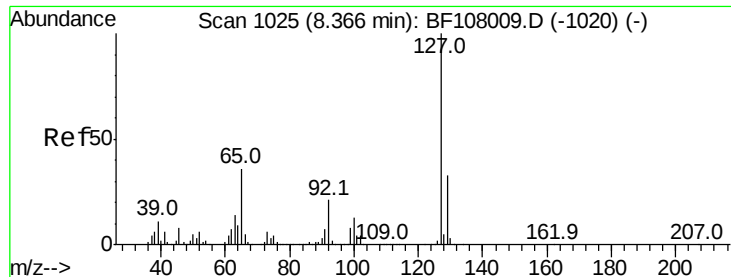
Tot Ion:128 Resp: 461028
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 12.9 10.9 16.3



#32
Benzoic acid
Concen: 9.447 ng
RT: 7.98 min Scan# 960
Delta R.T. -0.06 min
Lab File: BF108035.D
Acq: 8 Aug 2018 22:27

Tgt Ion:122 Resp: 36976
Ion Ratio Lower Upper
122 100
105 136.1 101.1 141.1
77 110.5 70.7 110.7

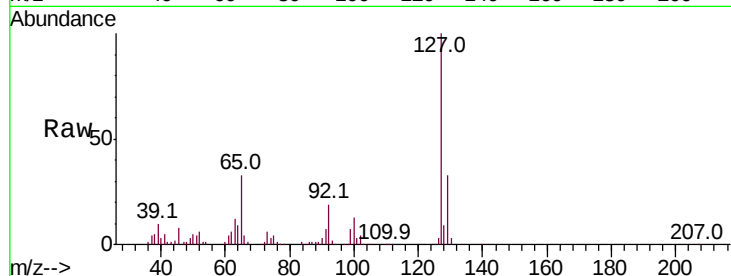




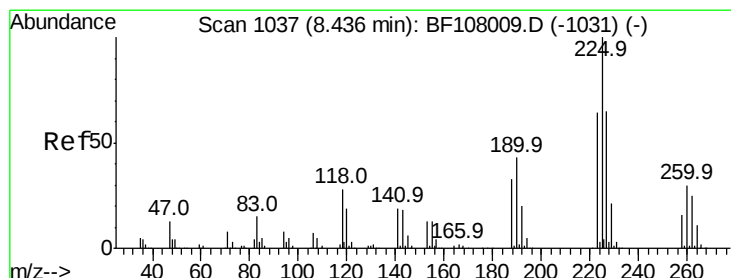
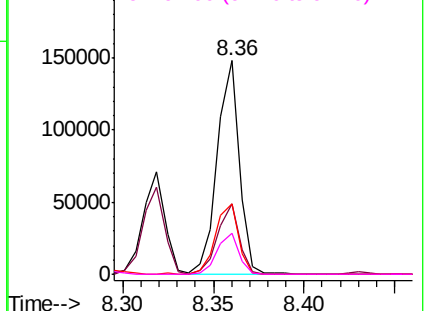
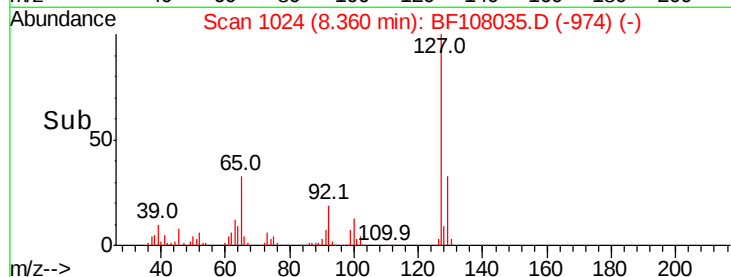
#33
4-Chloroaniline
Concen: 5.986 ng
RT: 8.36 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF108035.D
Acq: 8 Aug 2018 22:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	125710
Ion	Ratio	Lower	Upper
127	100		
129	33.3	25.9	38.9
65	32.9	25.0	37.4
92	19.2	15.2	22.8

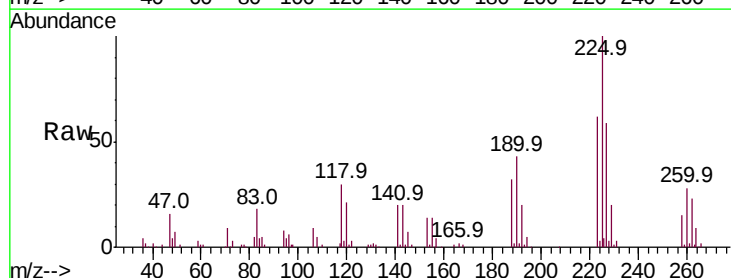


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

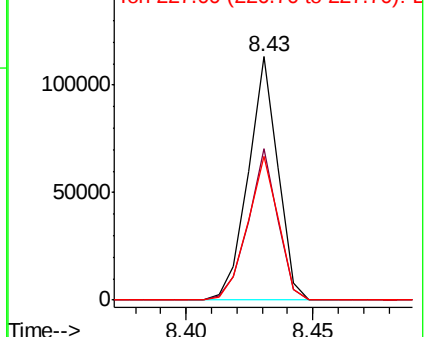
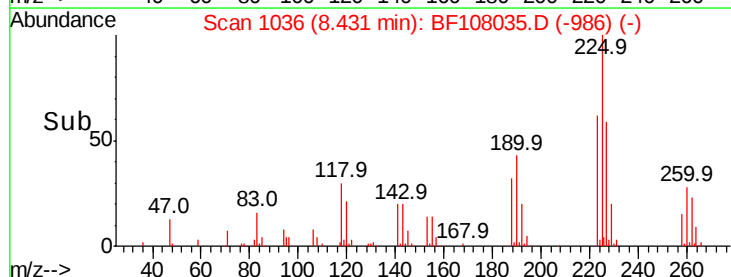


#34
Hexachlorobutadiene
Concen: 8.937 ng
RT: 8.43 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF108035.D
Acq: 8 Aug 2018 22:27

Tgt Ion:	225	Resp:	92208
Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.6	76.0
227	59.0	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 8.610 ng

RT: 8.70 min Scan# 1081

Delta R.T. -0.05 min

Lab File: BF108035.D

Acq: 8 Aug 2018 22:27

Instrument :

BNA_F

ClientSampled :

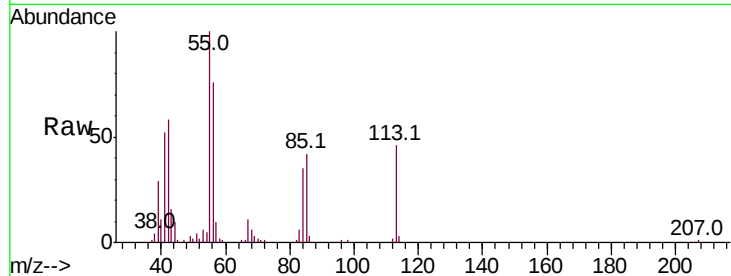
Tot Ion:113 Resp: 39885

Ion Ratio Lower Upper

113 100

55 216.4 163.3 203.3#

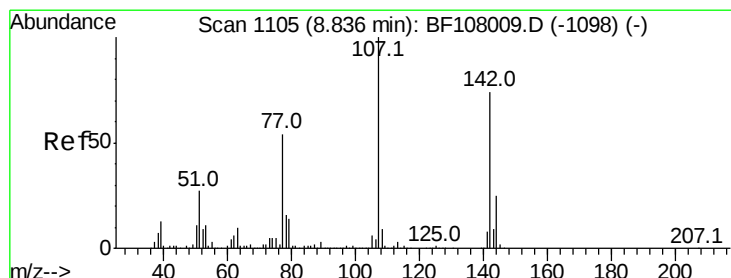
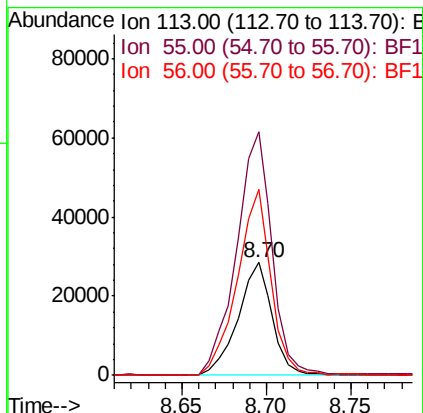
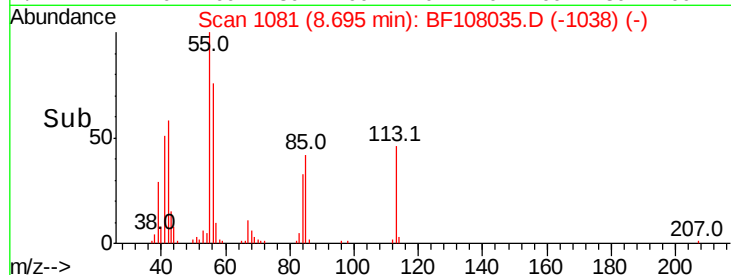
56 165.2 115.7 155.7#



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: 8.884 ng

RT: 8.82 min Scan# 1103

Delta R.T. -0.01 min

Lab File: BF108035.D

Acq: 8 Aug 2018 22:27

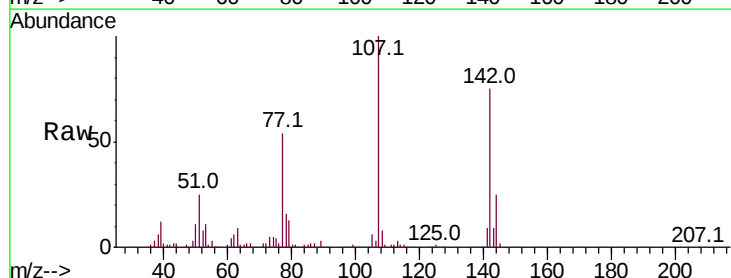
Tgt Ion:107 Resp: 141675

Ion Ratio Lower Upper

107 100

144 24.5 20.5 30.7

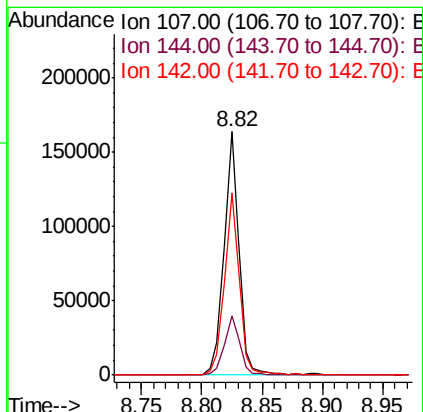
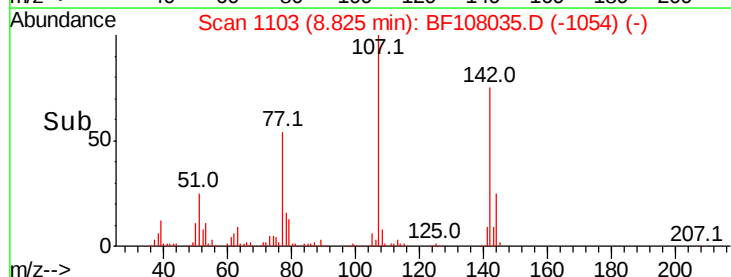
142 75.1 62.0 93.0

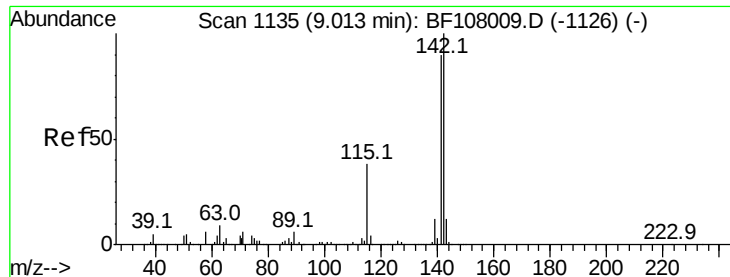


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

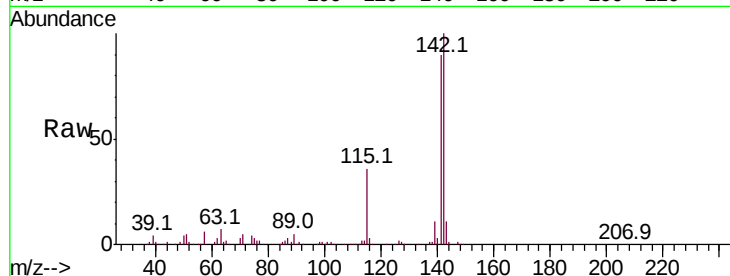




#37
2-Methylnaphthalene
Concen: 9.325 ng
RT: 9.01 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BF108035.D
Acq: 8 Aug 2018 22:27

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	70.8	106.2
115	35.5	26.1	39.1

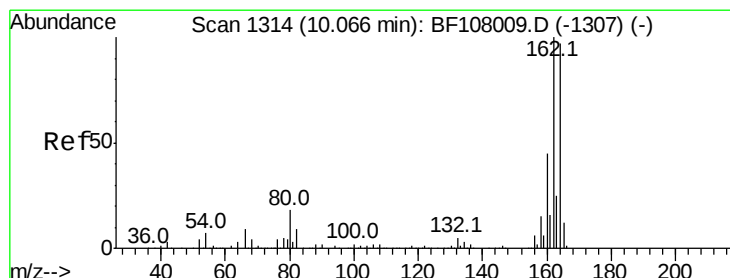
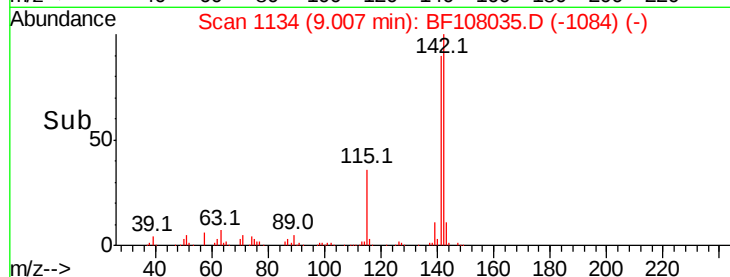
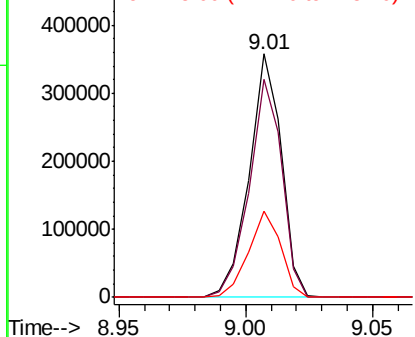


Abundance

Ion 142.00 (141.70 to 142.70): E

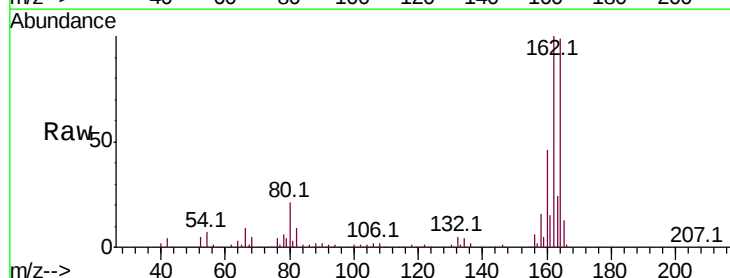
Ion 141.00 (140.70 to 141.70): E

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: BF108035.D
Acq: 8 Aug 2018 22:27

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.2	86.1	129.1
160	46.2	38.3	57.5

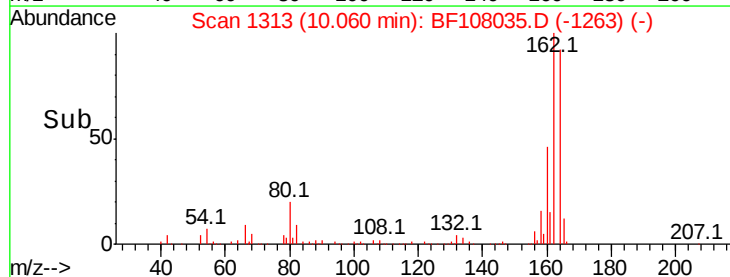
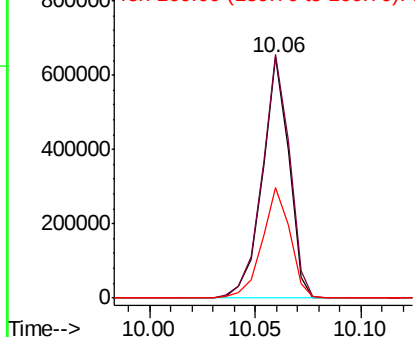


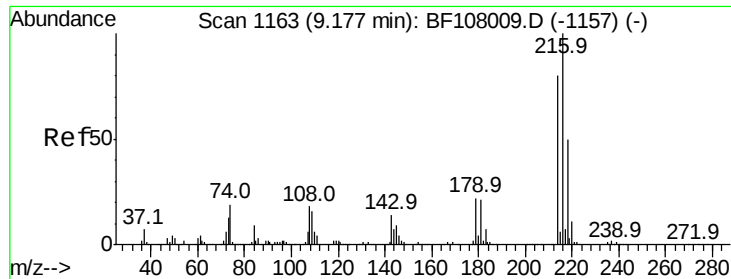
Abundance

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

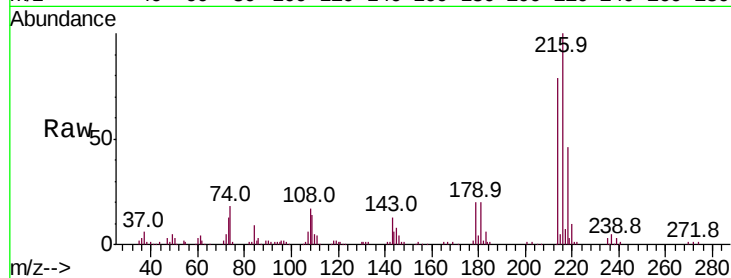




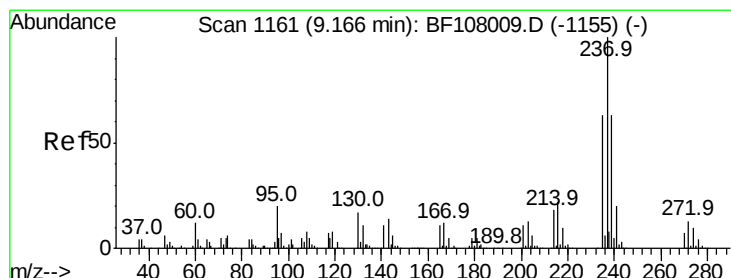
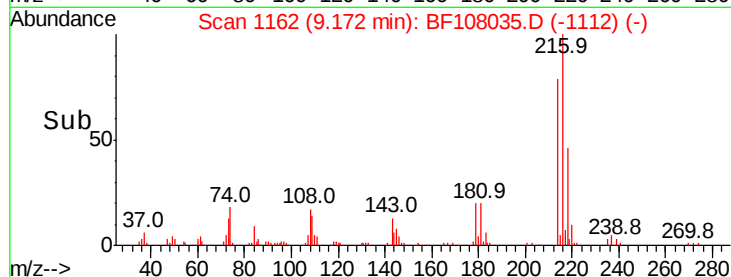
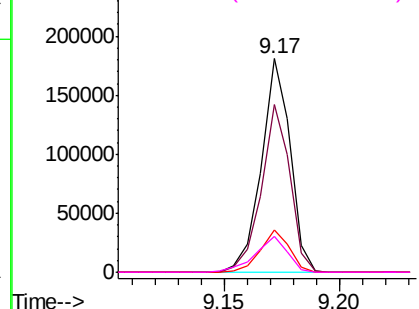
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 9.056 ng
 RT: 9.17 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: BF108035.D
 Acq: 8 Aug 2018 22:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	158186
Ion	Ratio	Lower	Upper
216	100		
214	77.7	63.0	94.4
179	20.1	18.1	27.1
108	18.5	17.2	25.8

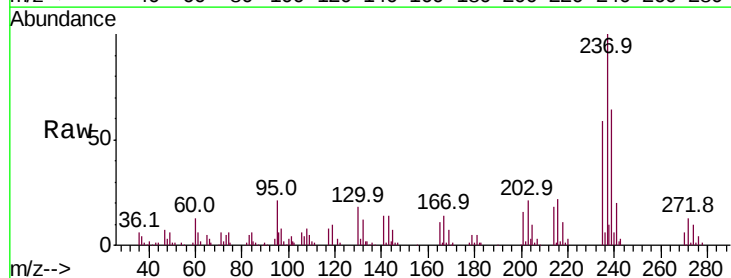


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

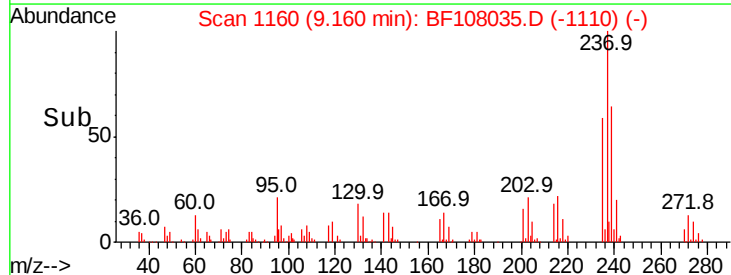
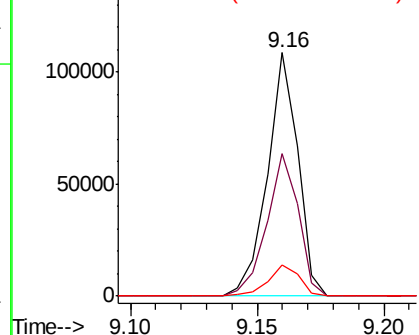


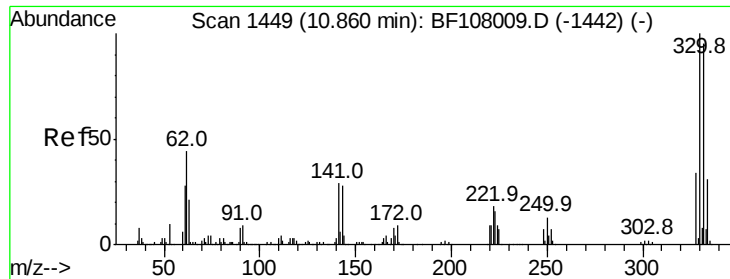
#40
 Hexachlorocyclopentadiene
 Concen: 8.110 ng
 RT: 9.16 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BF108035.D
 Acq: 8 Aug 2018 22:27

Tgt Ion:	237	Resp:	91495
Ion	Ratio	Lower	Upper
237	100		
235	58.6	44.8	84.8
272	13.0	0.0	33.3



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





#41

2,4,6-Tribromophenol

Concen: 156.306 ng

RT: 10.85 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BF108035.D

Acq: 8 Aug 2018 22:27

Instrument :

BNA_F

ClientSampled :

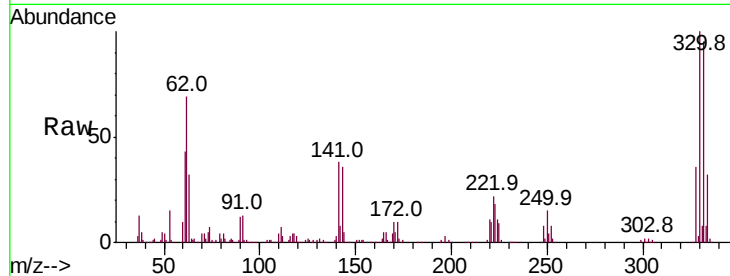
Tot Ion:330 Resp: 886796

Ion Ratio Lower Upper

330 100

332 95.2 77.0 115.6

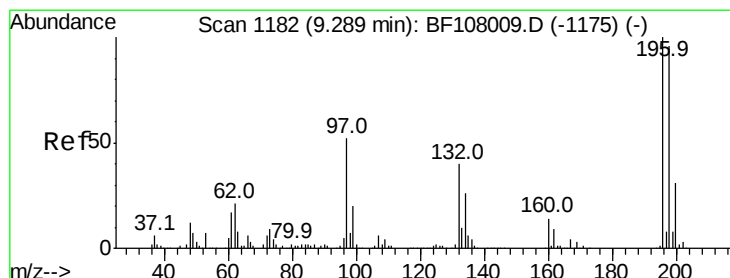
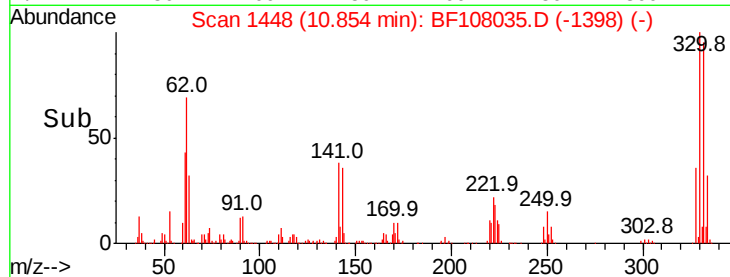
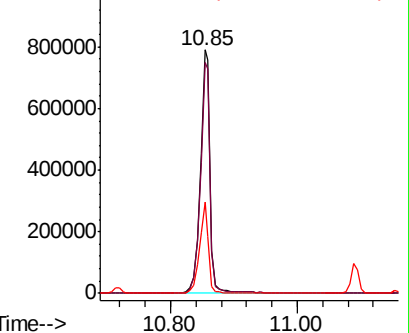
141 34.0 29.9 44.9



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 8.074 ng

RT: 9.28 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BF108035.D

Acq: 8 Aug 2018 22:27

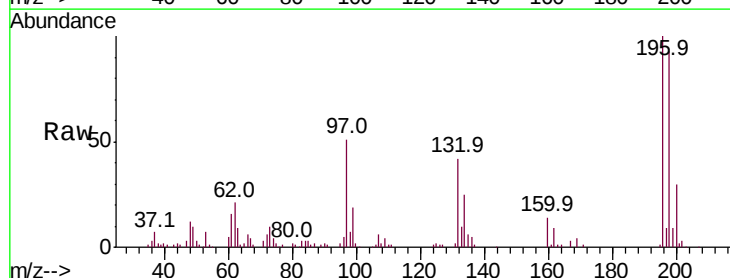
Tgt Ion:196 Resp: 87511

Ion Ratio Lower Upper

196 100

198 92.8 75.7 113.5

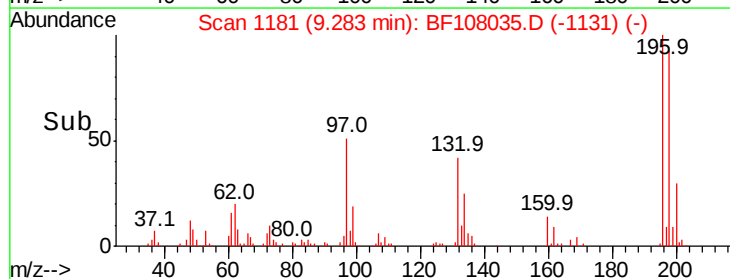
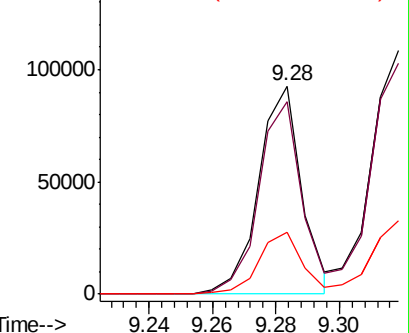
200 29.9 24.5 36.7

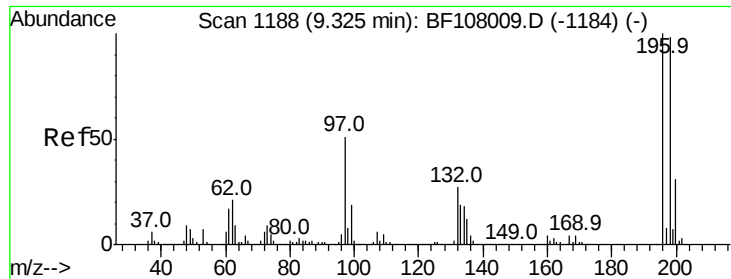


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

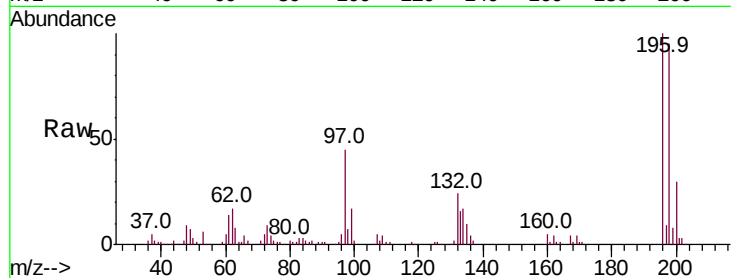




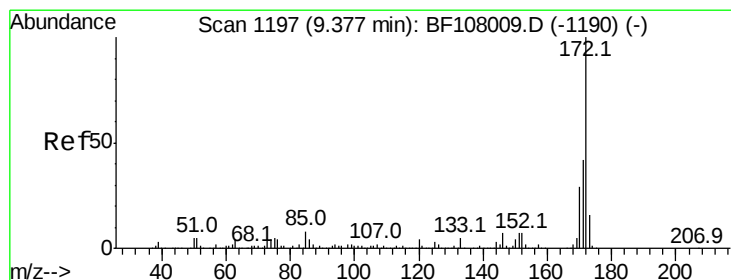
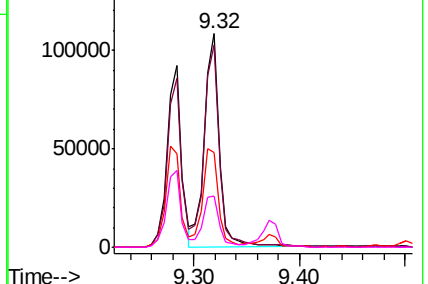
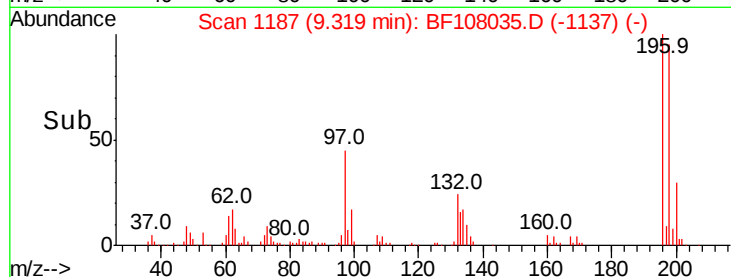
#43
 2,4,5-Trichlorophenol
 Concen: 8.975 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF108035.D
 Acq: 8 Aug 2018 22:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 107092
 Ion Ratio Lower Upper
 196 100
 198 94.6 74.6 112.0
 97 44.7 42.9 64.3
 132 23.9 26.3 39.5#

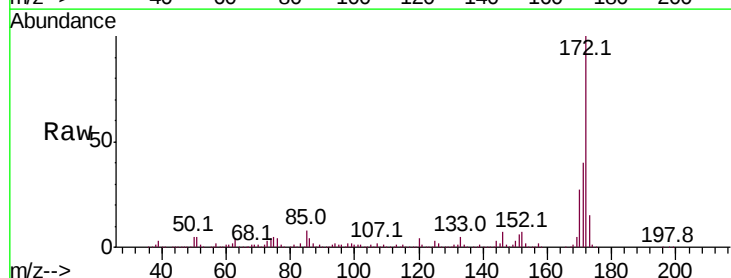


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

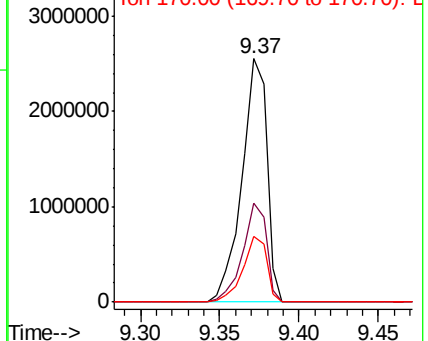
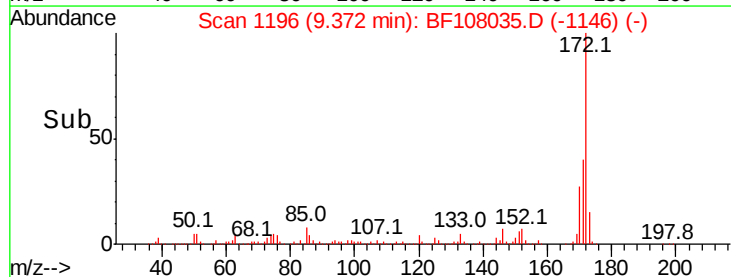


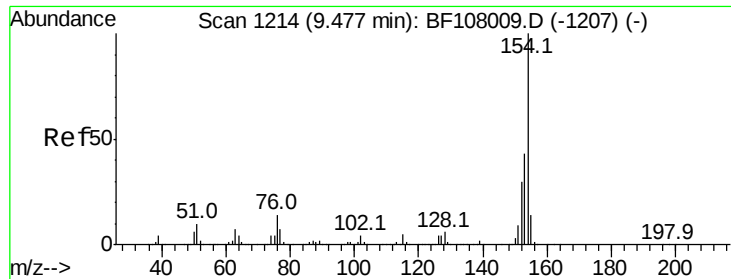
#44
 2-Fluorobiphenyl
 Concen: 78.561 ng
 RT: 9.37 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF108035.D
 Acq: 8 Aug 2018 22:27

Tgt Ion:172 Resp: 2783268
 Ion Ratio Lower Upper
 172 100
 171 40.4 29.7 44.5
 170 26.9 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

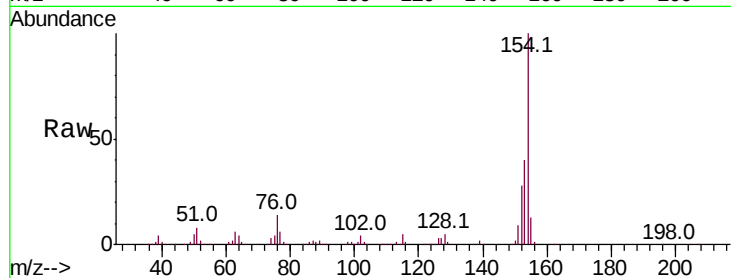




#45
 1,1'-Biphenyl
 Concen: 9.529 ng
 RT: 9.47 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF108035.D
 Acq: 8 Aug 2018 22:27

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
154	100		
153	39.7	21.3	61.3
76	13.6	0.0	34.0

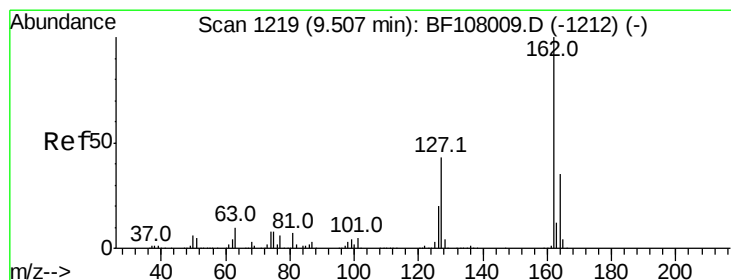
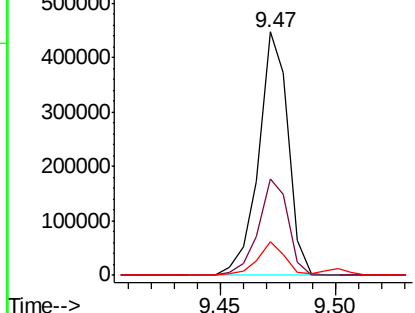
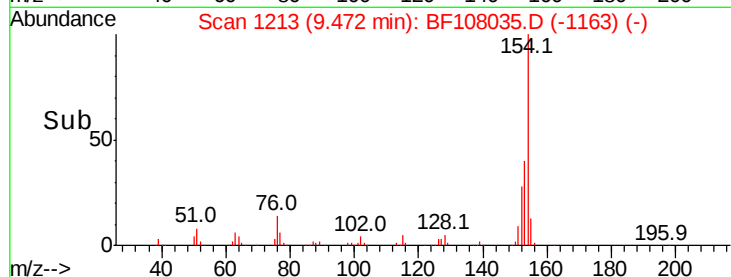


Abundance

Ion 154.00 (153.70 to 154.70): E

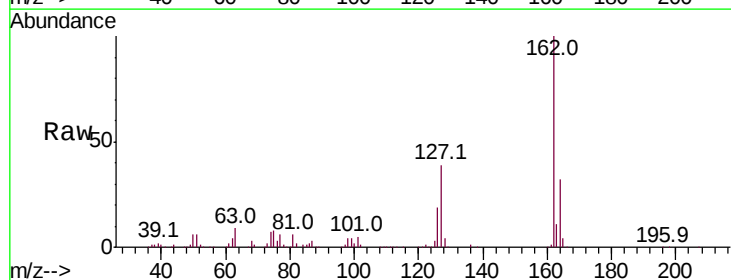
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46
 2-Chloronaphthalene
 Concen: 9.344 ng
 RT: 9.50 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF108035.D
 Acq: 8 Aug 2018 22:27

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.0	33.9	50.9
164	32.3	26.5	39.7

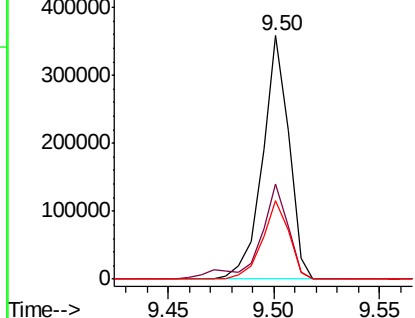
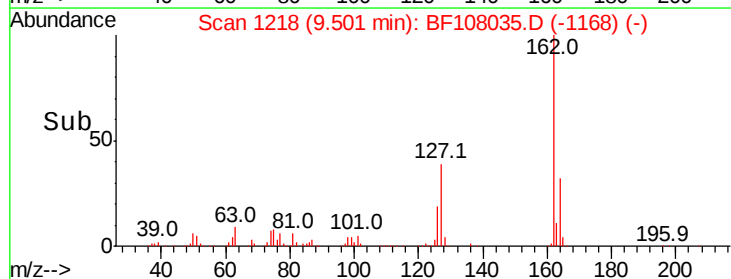


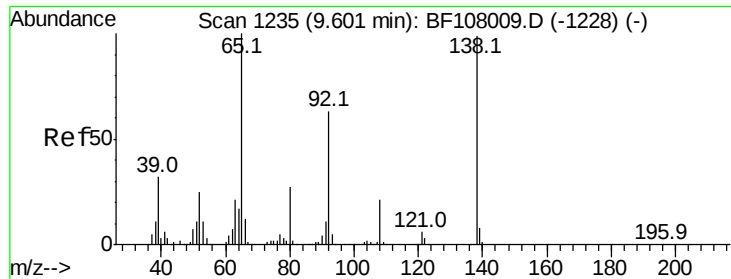
Abundance

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

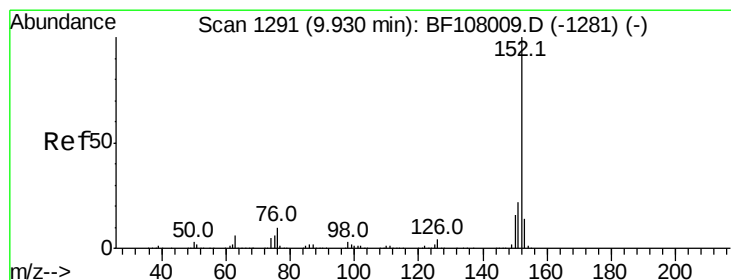
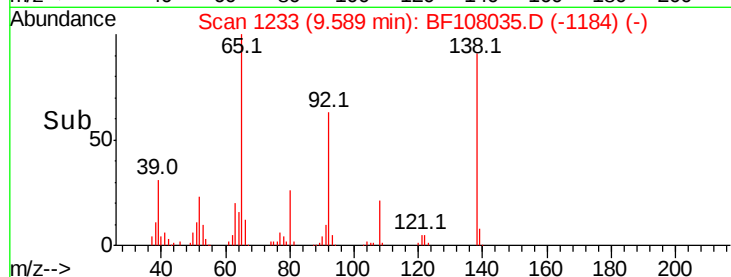
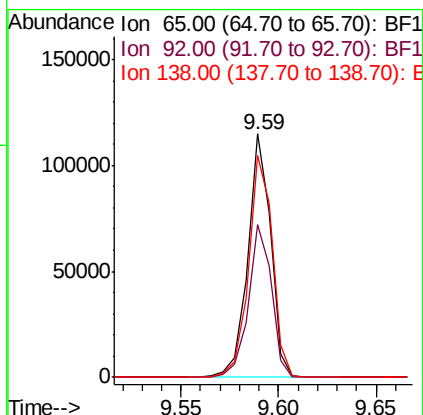
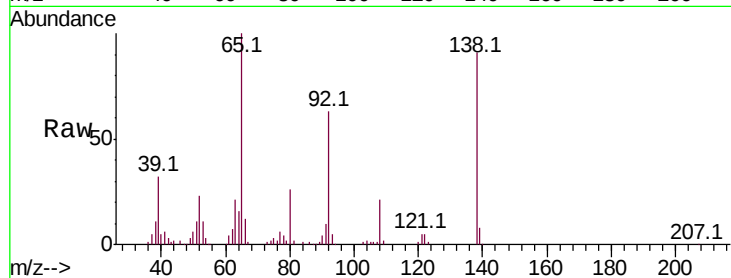




#47
2-Nitroaniline
Concen: 8.673 ng
RT: 9.59 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BF108035.D
Acq: 8 Aug 2018 22:27

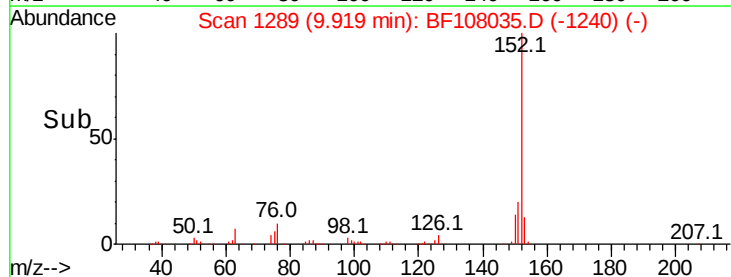
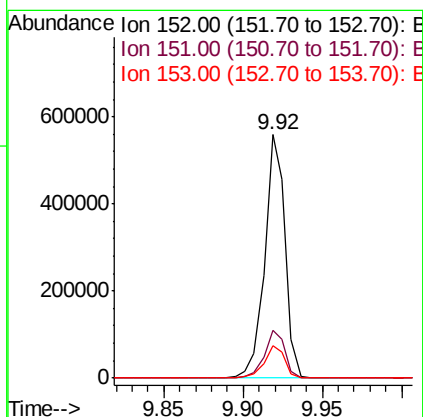
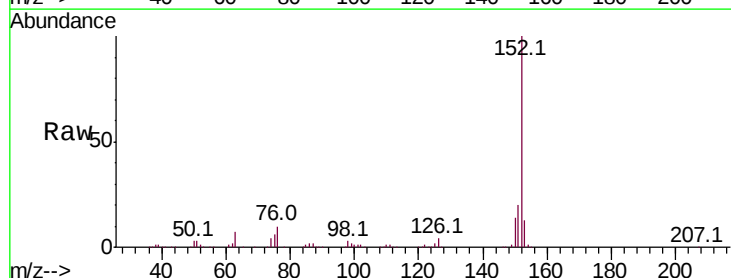
Instrument :
BNA_F
ClientSampleId :

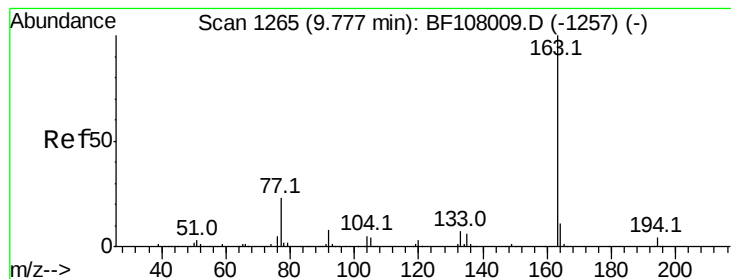
Tot Ion: 65 Resp: 93009
Ion Ratio Lower Upper
65 100
92 62.6 55.8 83.6
138 91.3 91.2 136.8



#48
Acenaphthylene
Concen: 9.602 ng
RT: 9.92 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BF108035.D
Acq: 8 Aug 2018 22:27

Tgt Ion:152 Resp: 503130
Ion Ratio Lower Upper
152 100
151 19.8 16.3 24.5
153 13.5 10.7 16.1





#49

Dimethylphthalate

Concen: 9.345 ng

RT: 9.77 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BF108035.D

Acq: 8 Aug 2018 22:27

Instrument :

BNA_F

ClientSampleId :

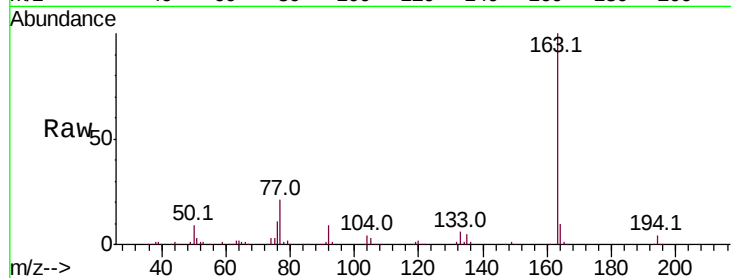
Tot Ion:163 Resp: 370269

Ion Ratio Lower Upper

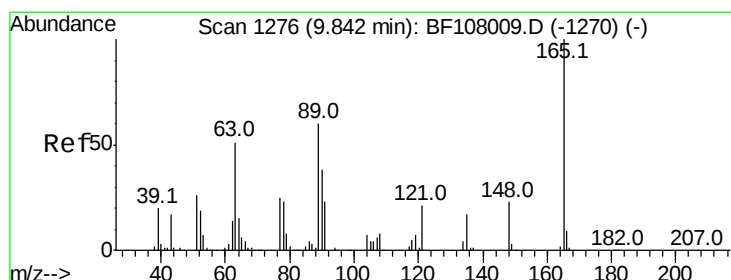
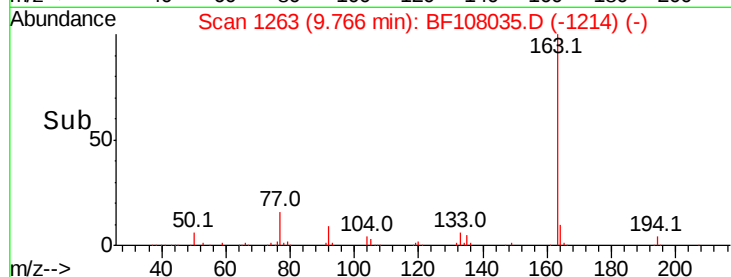
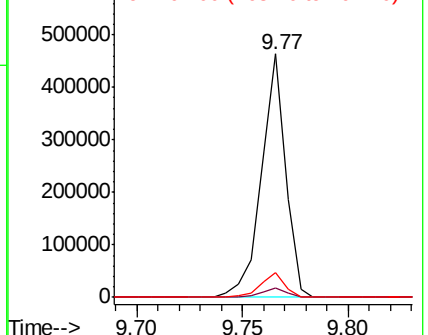
163 100

194 3.8 2.7 4.1

164 10.1 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 8.989 ng

RT: 9.83 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF108035.D

Acq: 8 Aug 2018 22:27

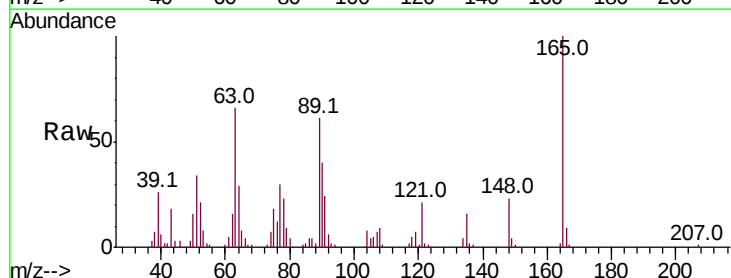
Tgt Ion:165 Resp: 74511

Ion Ratio Lower Upper

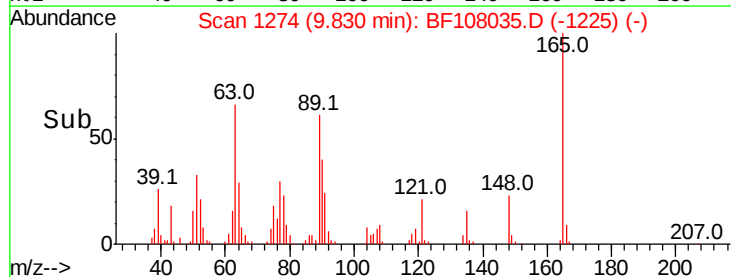
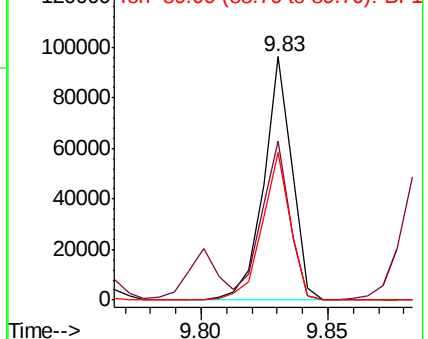
165 100

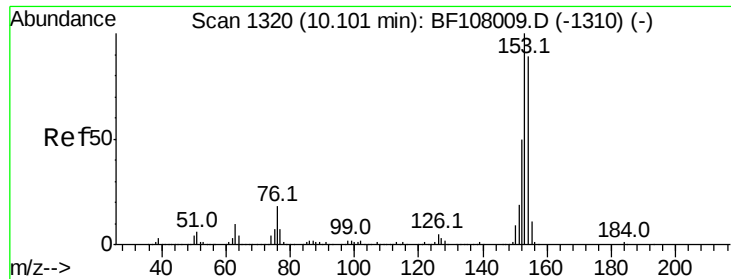
63 65.5 44.7 67.1

89 60.6 44.0 66.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 9.169 ng

RT: 10.10 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF108035.D

Acq: 8 Aug 2018 22:27

Instrument :

BNA_F

ClientSampleId :

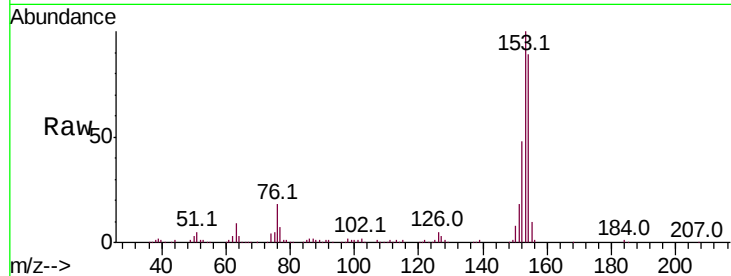
Tot Ion:154 Resp: 294280

Ion Ratio Lower Upper

154 100

153 111.8 91.2 136.8

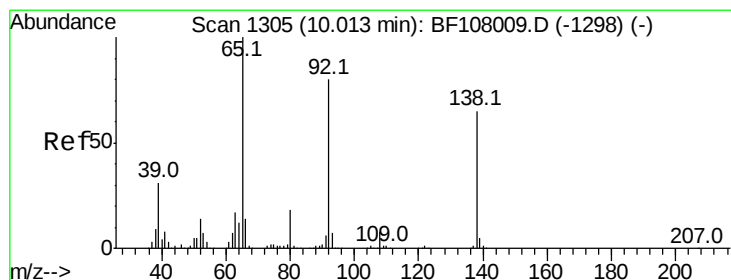
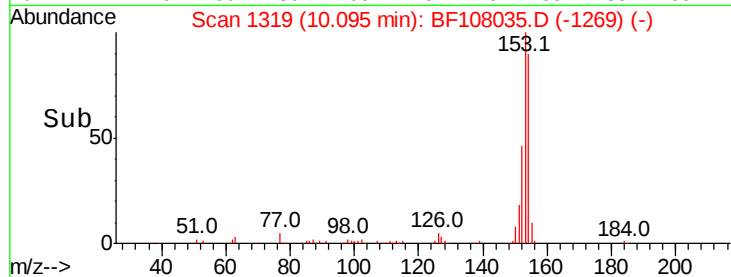
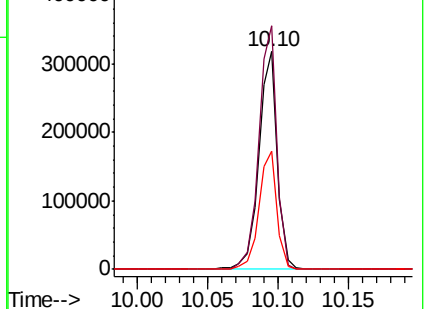
152 54.0 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 7.416 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF108035.D

Acq: 8 Aug 2018 22:27

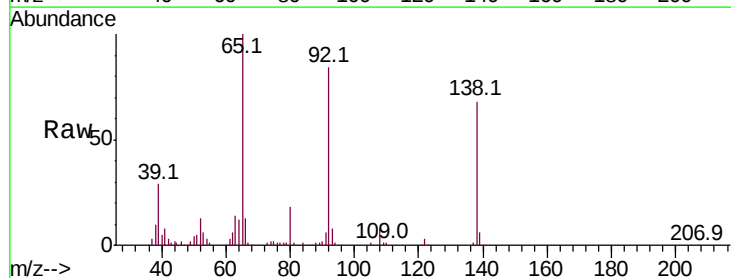
Tgt Ion:138 Resp: 67262

Ion Ratio Lower Upper

138 100

108 11.7 9.4 14.0

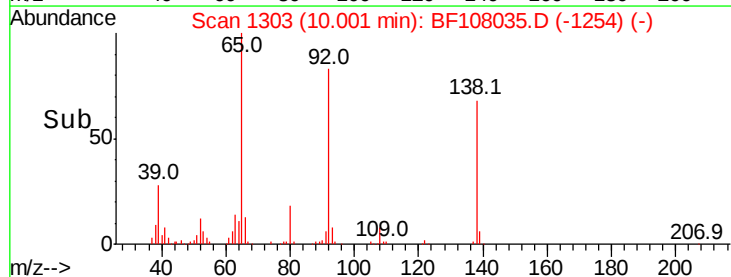
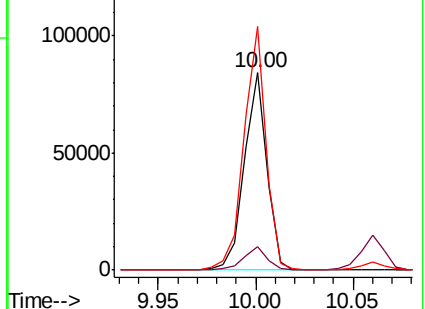
92 123.3 89.4 134.2

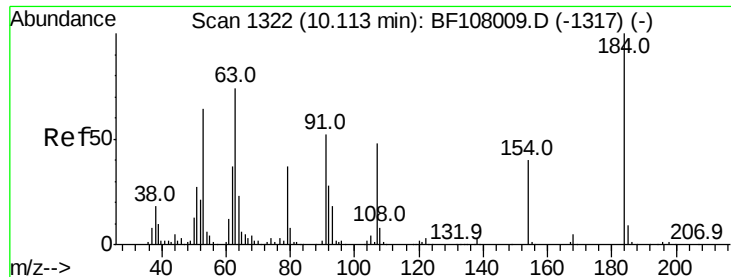


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

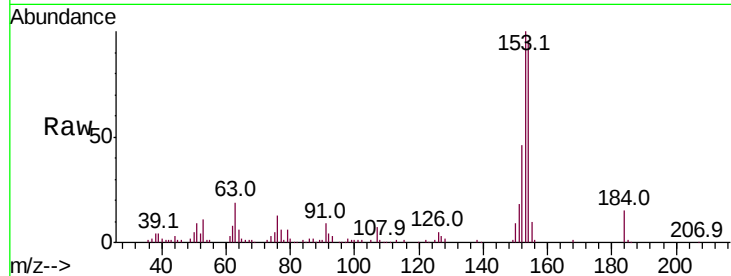




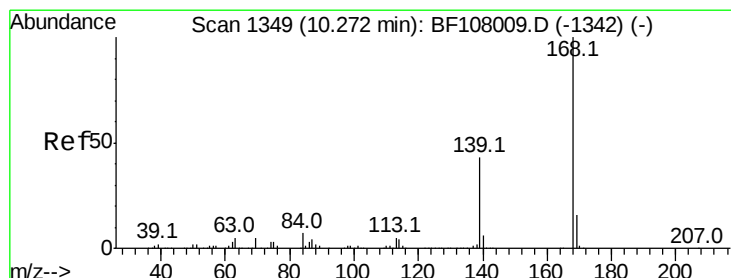
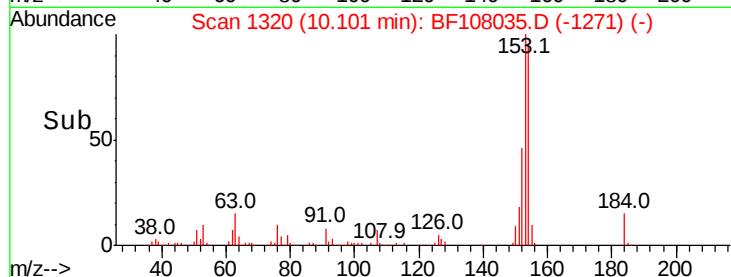
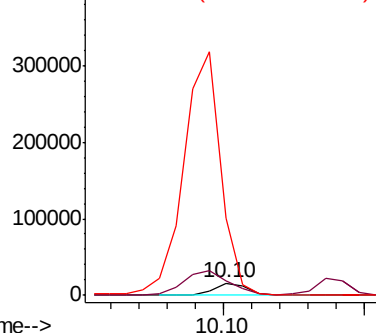
#53
 2,4-Dinitrophenol
 Concen: 10.975 ng
 RT: 10.10 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF108035.D
 Acq: 8 Aug 2018 22:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 13448
 Ion Ratio Lower Upper
 184 100
 63 121.1 54.2 81.2#
 154 628.0 184.0 276.0#

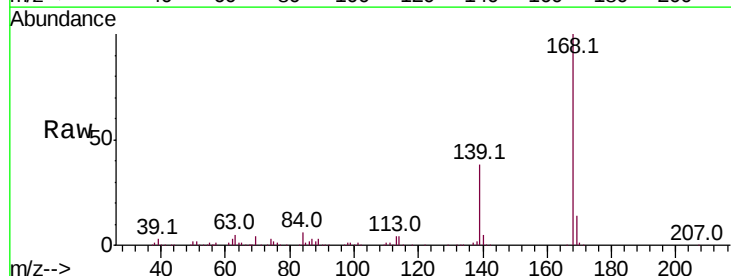


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

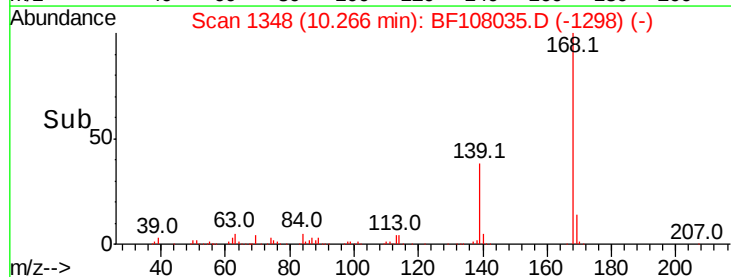
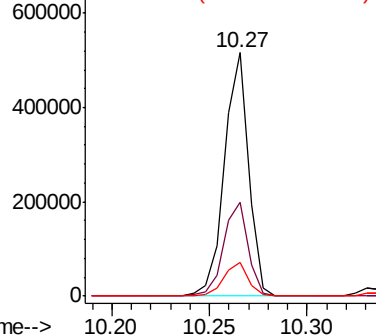


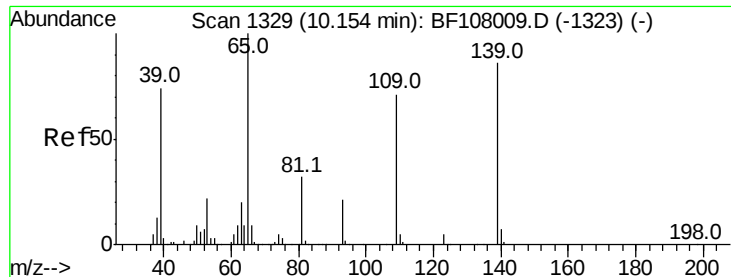
#54
 Dibenzofuran
 Concen: 9.516 ng
 RT: 10.27 min Scan# 1348
 Delta R.T. -0.01 min
 Lab File: BF108035.D
 Acq: 8 Aug 2018 22:27

Tgt Ion:168 Resp: 442469
 Ion Ratio Lower Upper
 168 100
 139 38.5 30.1 45.1
 169 13.6 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: 8.020 ng

RT: 10.14 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF108035.D

Acq: 8 Aug 2018 22:27

Instrument :

BNA_F

ClientSampleId :

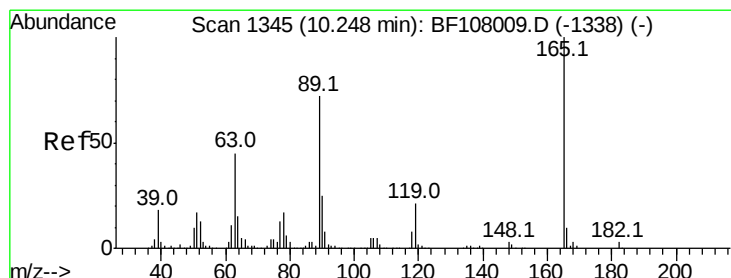
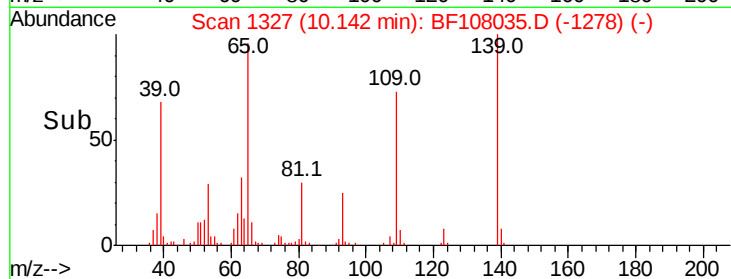
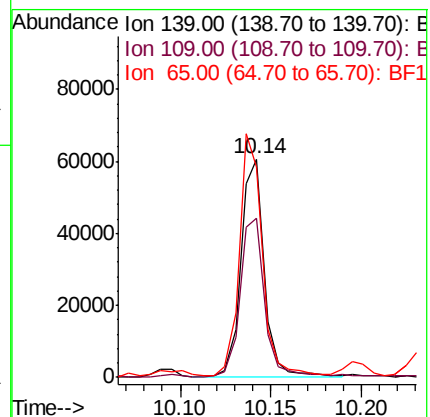
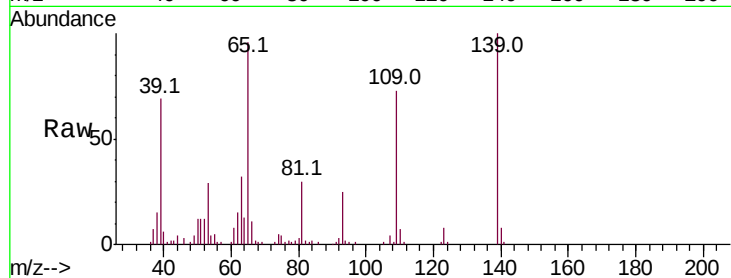
Tot Ion:139 Resp: 55081

Ion Ratio Lower Upper

139 100

109 73.1 48.4 88.4

65 96.4 72.6 112.6



#56

2,4-Dinitrotoluene

Concen: 9.042 ng

RT: 10.23 min Scan# 1342

Delta R.T. -0.02 min

Lab File: BF108035.D

Acq: 8 Aug 2018 22:27

Tgt Ion:165 Resp: 96480

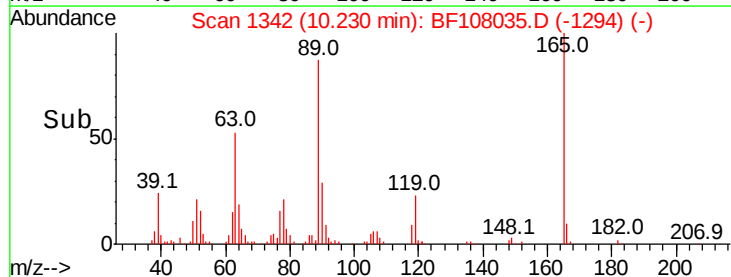
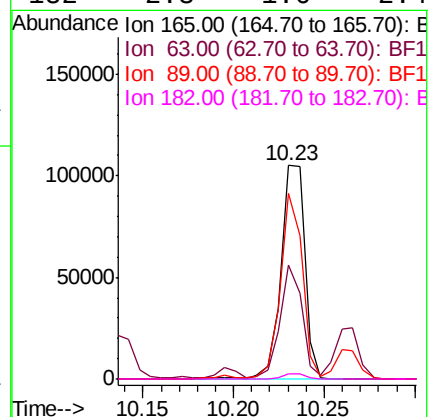
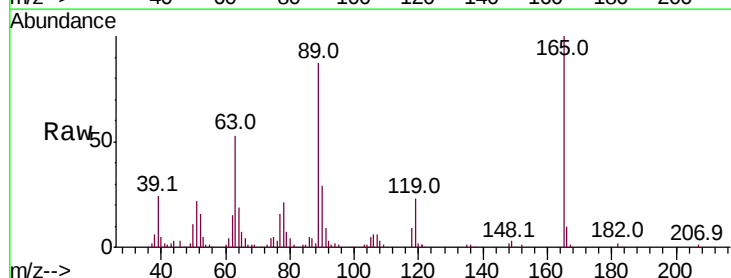
Ion Ratio Lower Upper

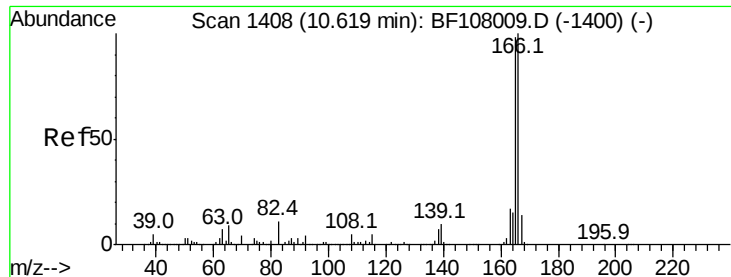
165 100

63 53.5 36.4 54.6

89 86.8 57.8 86.6#

182 2.3 1.6 2.4





#57

Fluorene

Concen: 9.652 ng

RT: 10.61 min Scan# 1406

Delta R.T. -0.01 min

Lab File: BF108035.D

Acq: 8 Aug 2018 22:27

Instrument :

BNA_F

ClientSampleId :

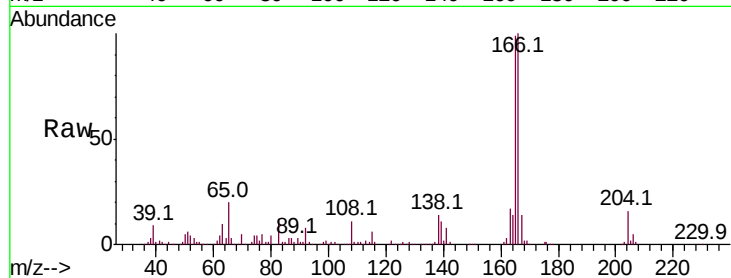
Tot Ion:166 Resp: 355281

Ion Ratio Lower Upper

166 100

165 99.3 79.8 119.8

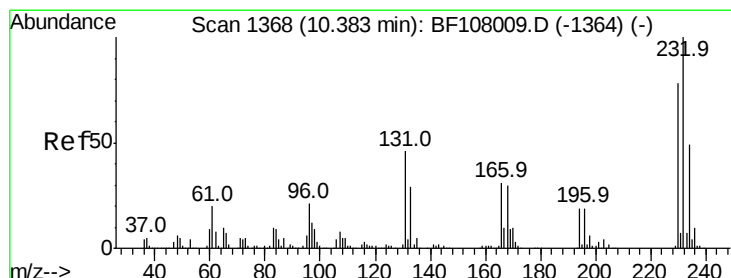
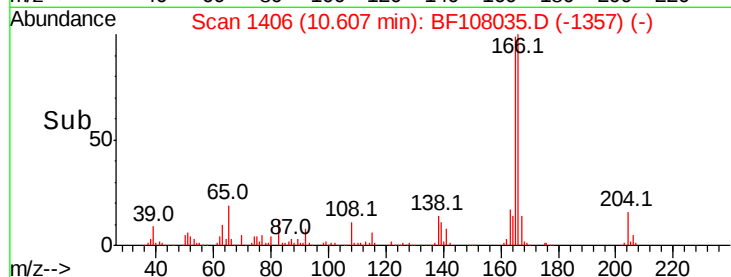
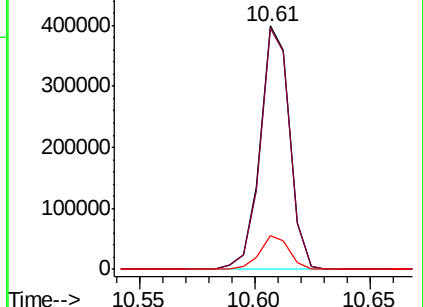
167 13.7 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 8.099 ng

RT: 10.38 min Scan# 1367

Delta R.T. -0.01 min

Lab File: BF108035.D

Acq: 8 Aug 2018 22:27

Tgt Ion:232 Resp: 80774

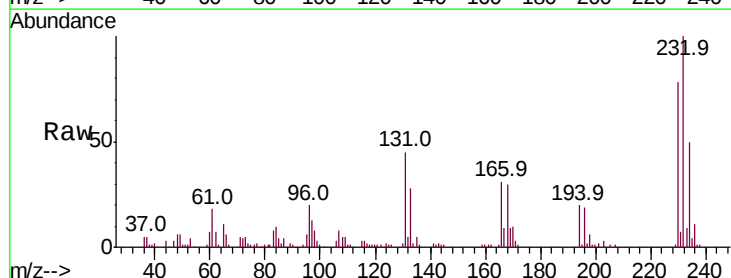
Ion Ratio Lower Upper

232 100

131 47.5 43.8 65.8

130 2.2 2.1 3.1

166 31.4 27.8 41.6

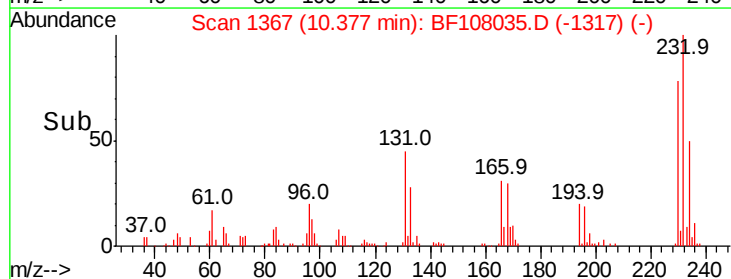
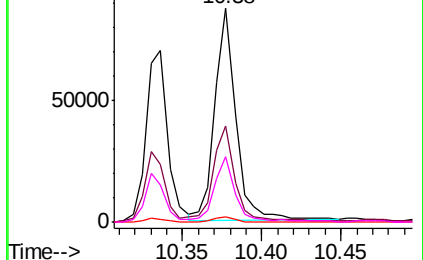


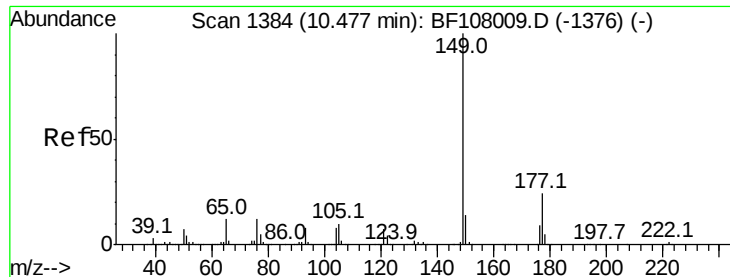
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

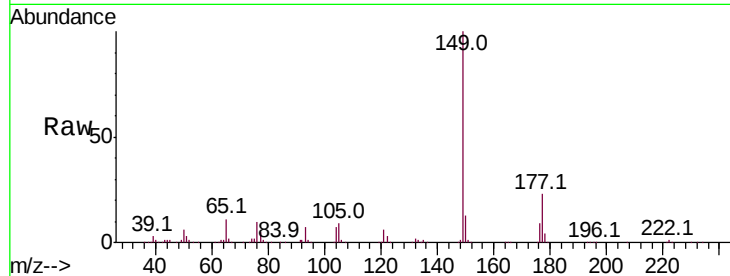




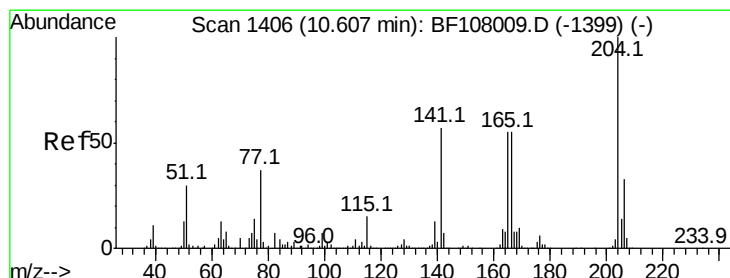
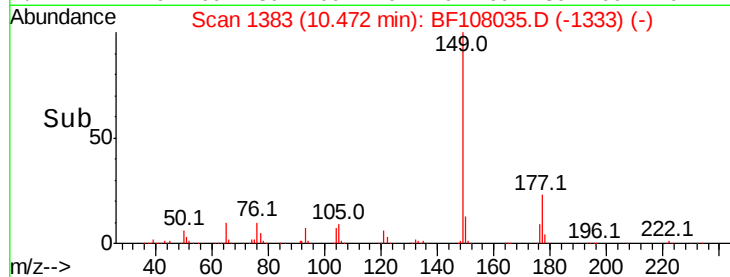
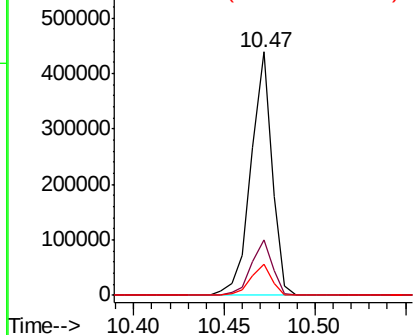
#59
Diethylphthalate
Concen: 9.242 ng
RT: 10.47 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BF108035.D
Acq: 8 Aug 2018 22:27

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.6	16.1	24.1
150	12.6	10.1	15.1

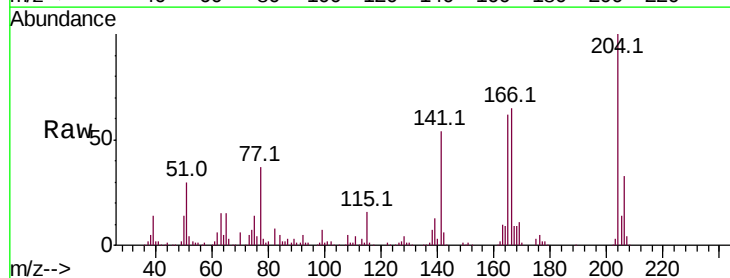


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

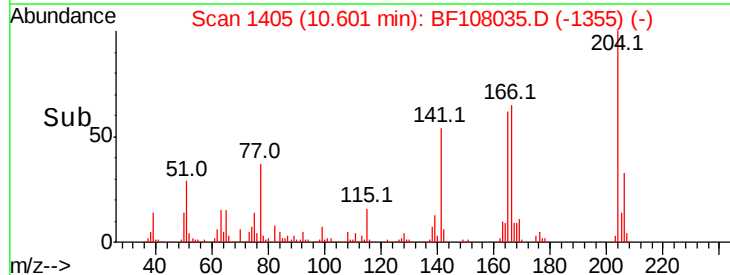
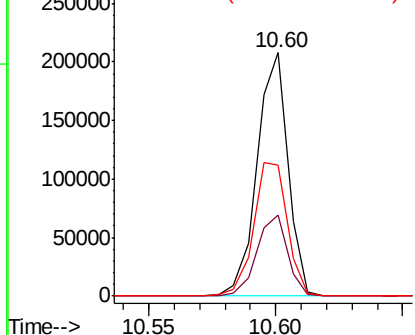


#60
4-Chlorophenyl-phenylether
Concen: 9.286 ng
RT: 10.60 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF108035.D
Acq: 8 Aug 2018 22:27

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.5	39.7
141	53.9	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: 8.546 ng

RT: 10.61 min Scan# 1407

Delta R.T. -0.02 min

Lab File: BF108035.D

Acq: 8 Aug 2018 22:27

Instrument :

BNA_F

ClientSampleId :

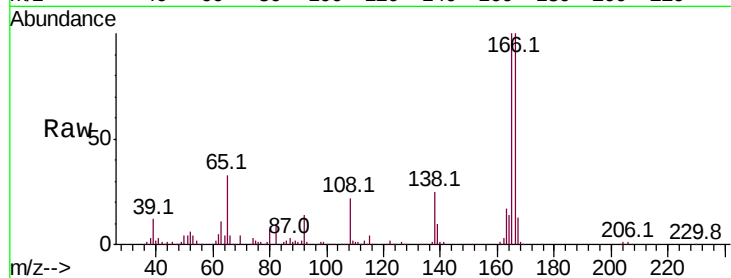
Tot Ion:138 Resp: 76633

Ion Ratio Lower Upper

138 100

92 53.3 30.2 70.2

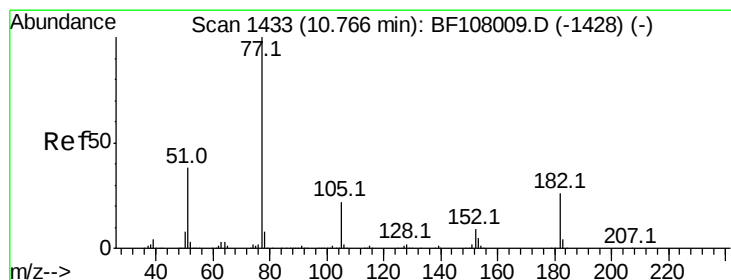
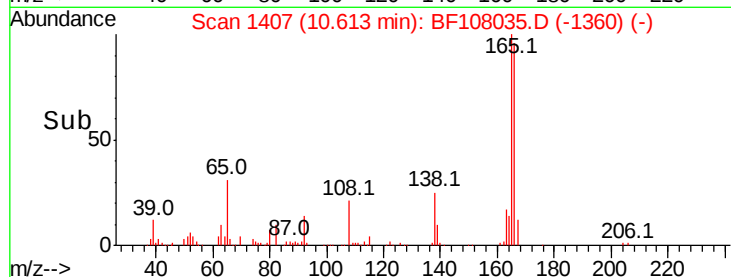
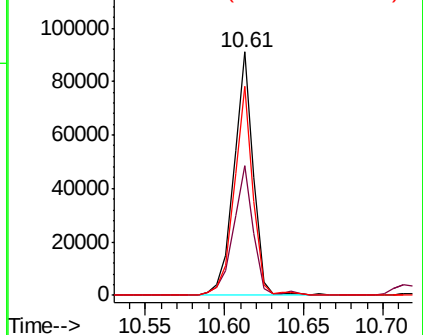
108 86.0 52.5 92.5



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: 9.352 ng

RT: 10.76 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF108035.D

Acq: 8 Aug 2018 22:27

Tgt Ion: 77 Resp: 370525

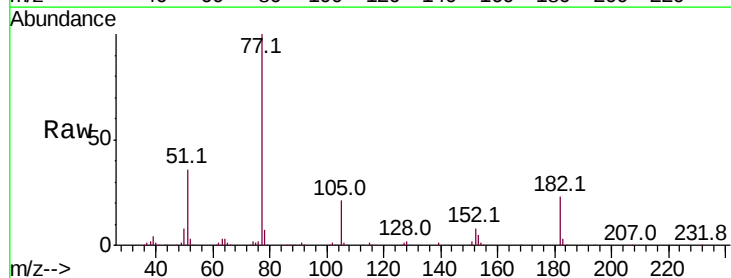
Ion Ratio Lower Upper

77 100

182 23.5 1.7 41.7

105 20.7 3.0 43.0

51 35.5 9.9 49.9

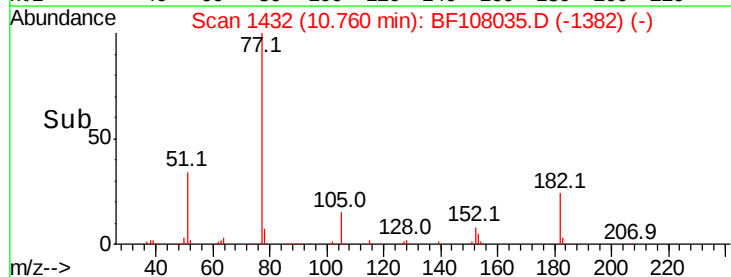
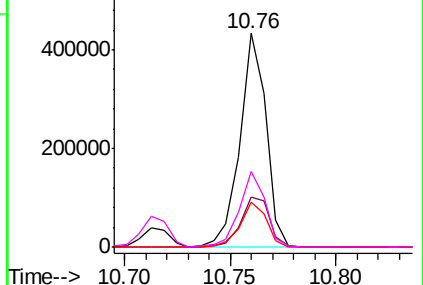


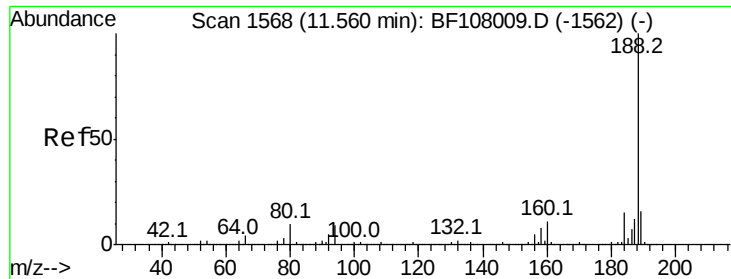
Abundance Ion 77.00 (76.70 to 77.70): BF1

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

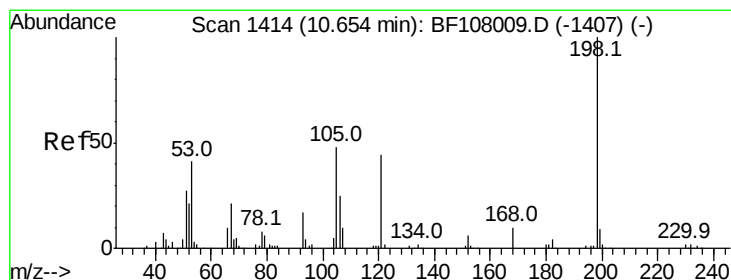
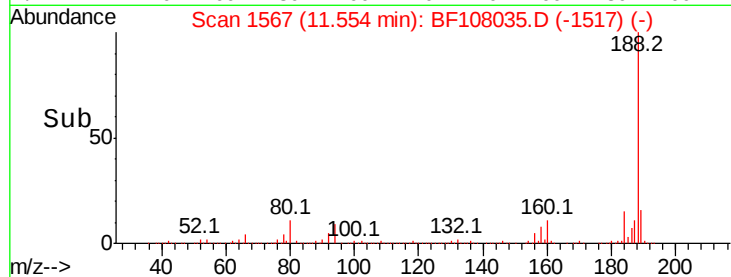
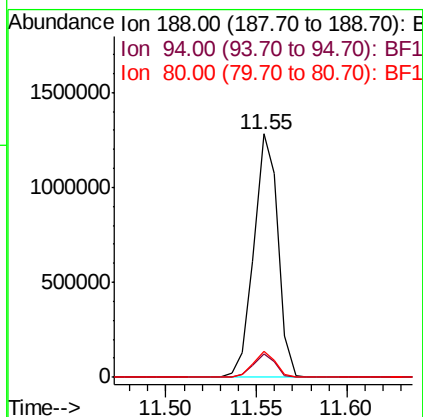
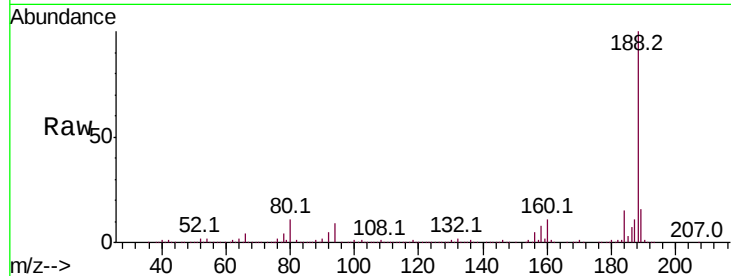




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.55 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF108035.D
Acq: 8 Aug 2018 22:27

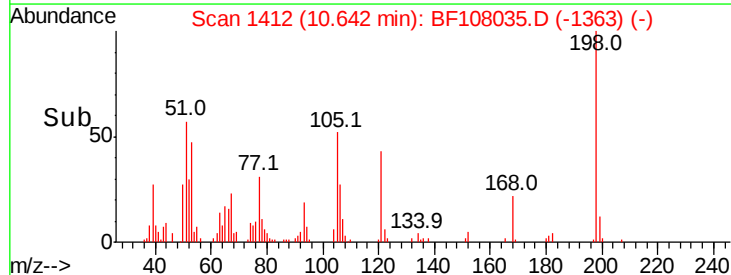
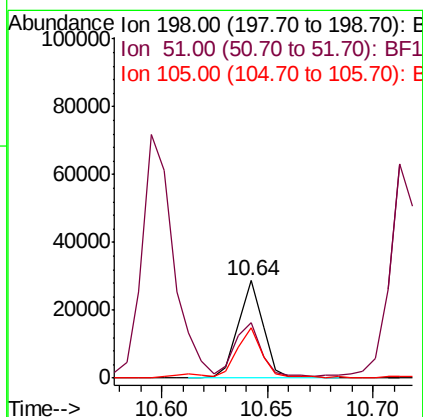
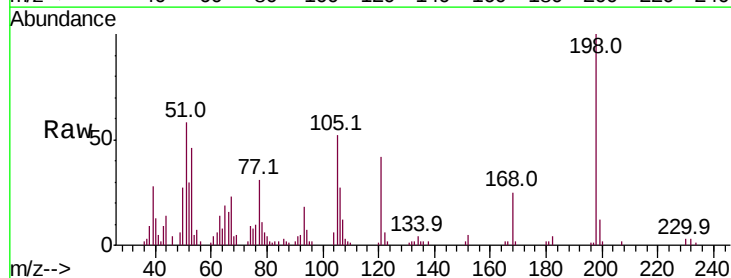
Instrument :
BNA_F
ClientSampleId :

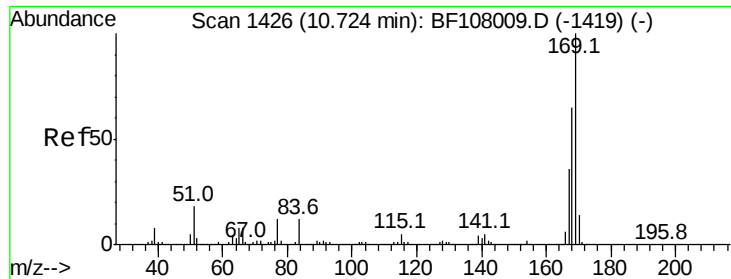
Tot Ion:188 Resp: 1183457
Ion Ratio Lower Upper
188 100
94 9.4 8.5 12.7
80 10.6 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 10.063 ng
RT: 10.64 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF108035.D
Acq: 8 Aug 2018 22:27

Tgt Ion:198 Resp: 23528
Ion Ratio Lower Upper
198 100
51 57.7 37.7 77.7
105 51.8 36.3 76.3

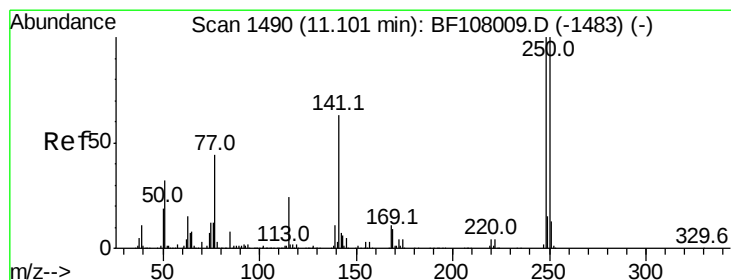
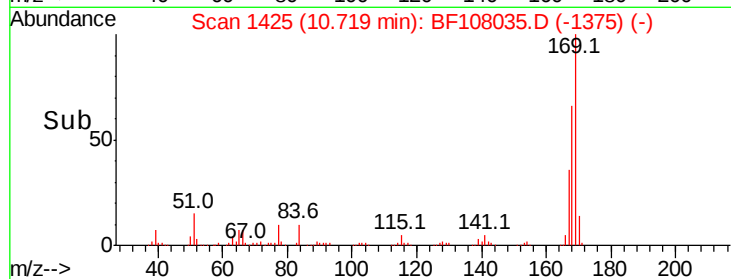
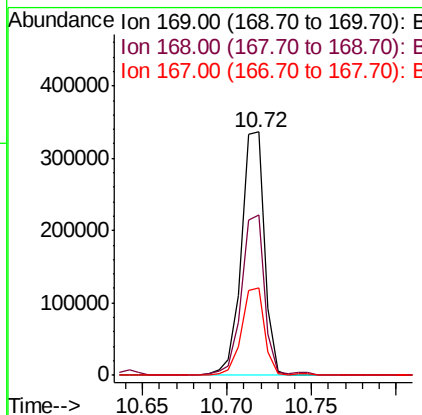
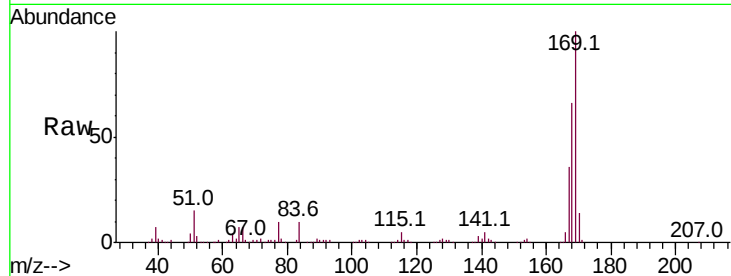




#65
n-Nitrosodiphenylamine
Concen: 9.172 ng
RT: 10.72 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF108035.D
Acq: 8 Aug 2018 22:27

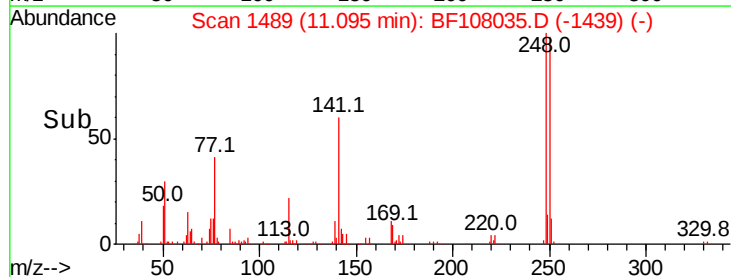
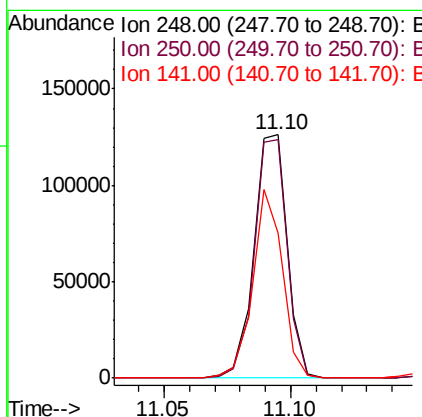
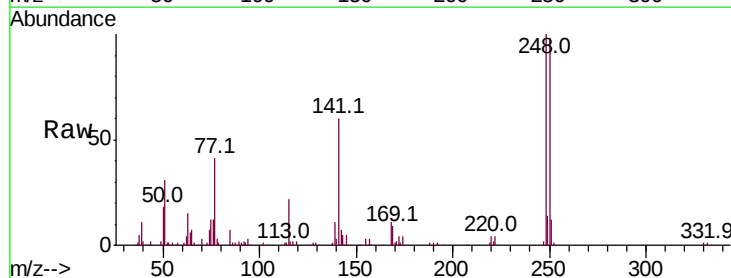
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	66.0	54.4	81.6
167	36.0	29.8	44.6



#66
4-Bromophenyl-phenylether
Concen: 9.025 ng
RT: 11.10 min Scan# 1489
Delta R.T. -0.01 min
Lab File: BF108035.D
Acq: 8 Aug 2018 22:27

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.9	76.9	115.3
141	59.7	74.4	111.6

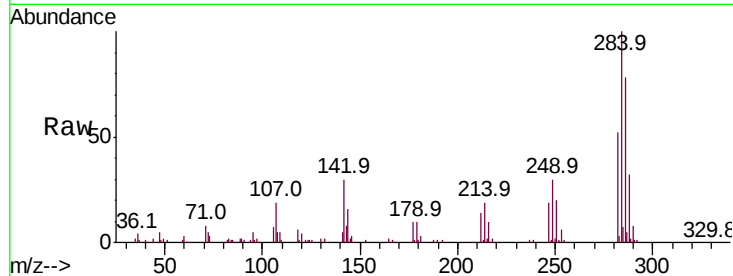




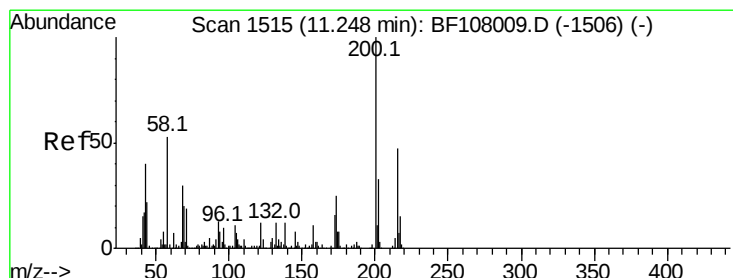
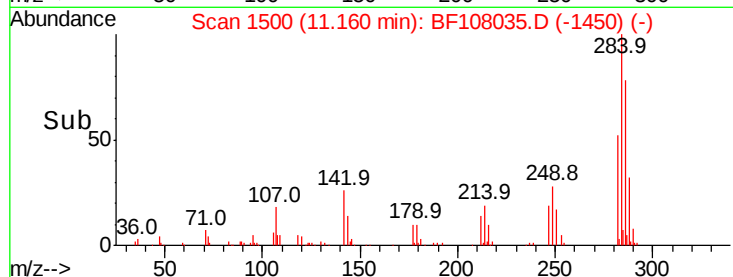
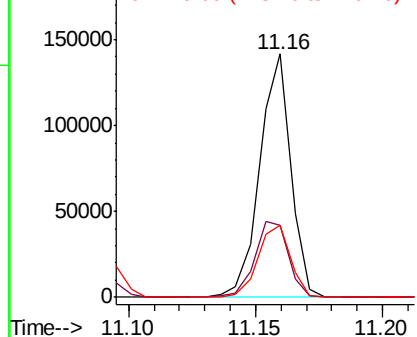
#67
Hexachlorobenzene
Concen: 8.941 ng
RT: 11.16 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BF108035.D
Acq: 8 Aug 2018 22:27

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
284	100		
142	29.5	34.6	52.0#
249	29.8	24.8	37.2

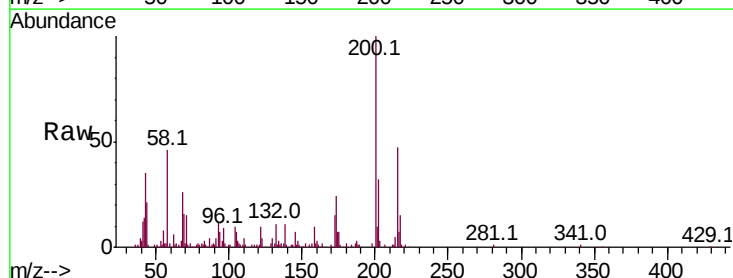


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

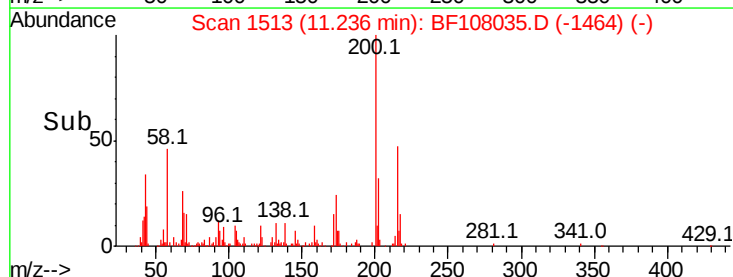
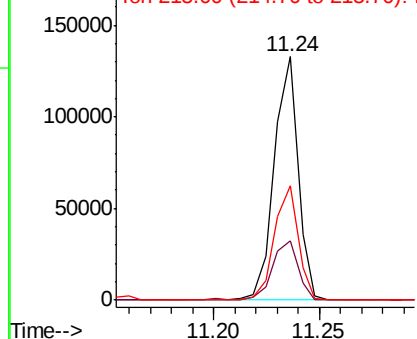


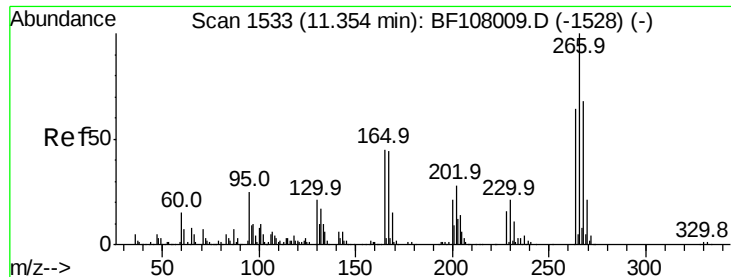
#68
Atrazine
Concen: 8.950 ng
RT: 11.24 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BF108035.D
Acq: 8 Aug 2018 22:27

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.4	8.6	48.6
215	46.9	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

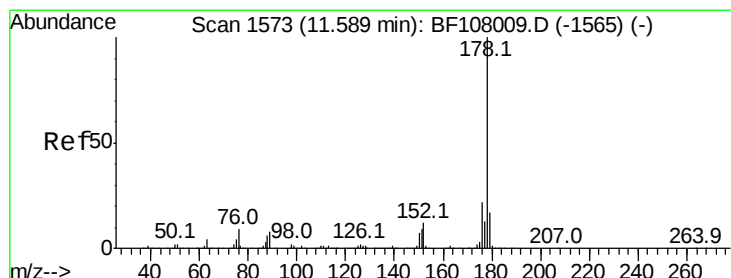
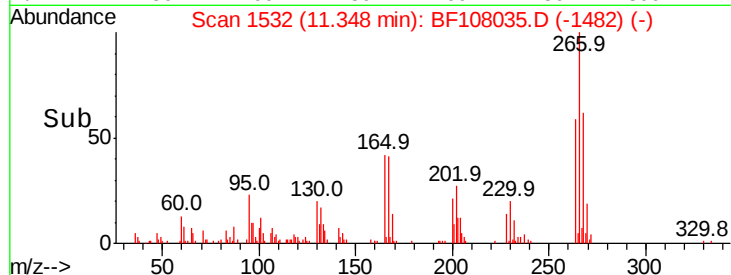
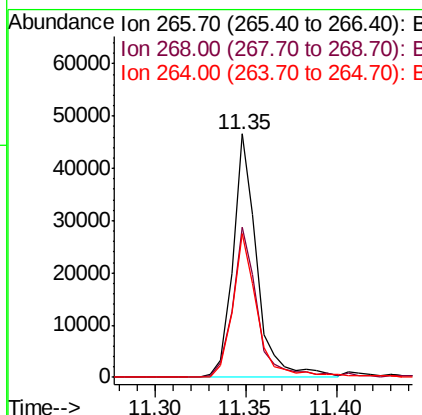
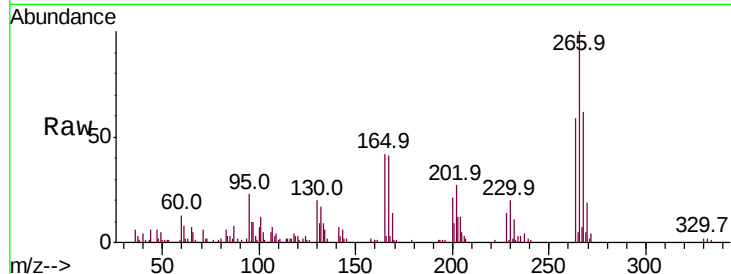




#69
 Pentachlorophenol
 Concen: 6.615 ng
 RT: 11.35 min Scan# 1532
 Delta R.T. -0.01 min
 Lab File: BF108035.D
 Acq: 8 Aug 2018 22:27

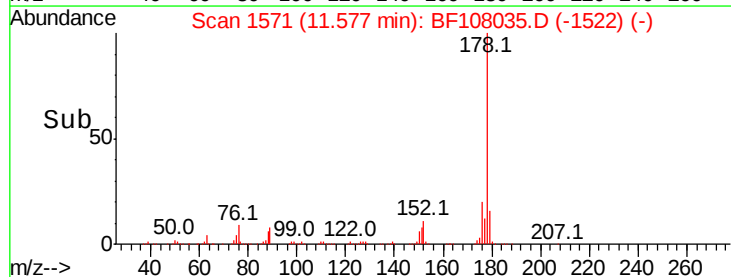
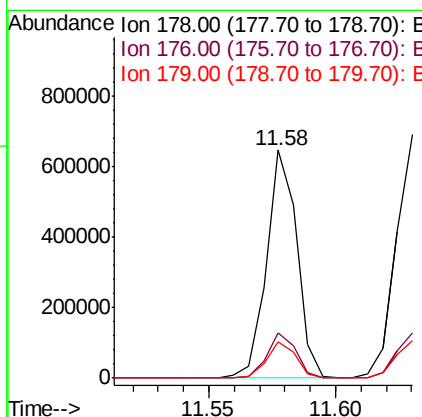
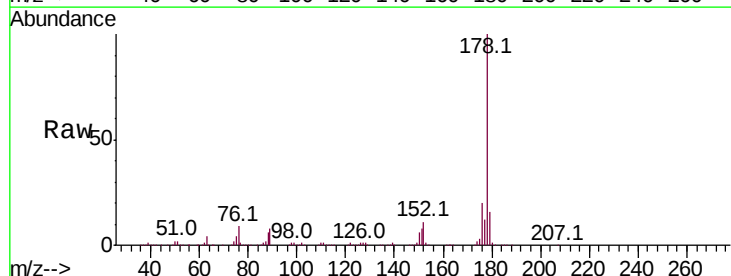
Instrument :
 BNA_F
 ClientSampleId :

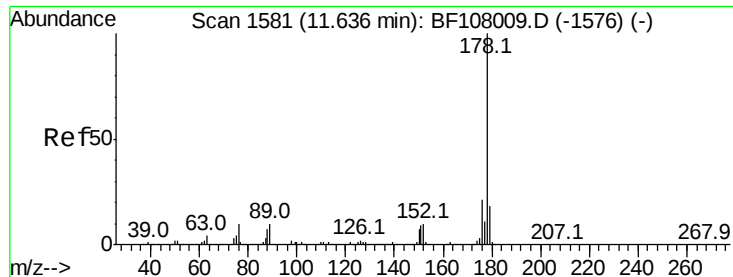
Tot Ion	Ratio	Lower	Upper
266	100		
268	61.5	51.1	76.7
264	58.9	49.5	74.3



#70
 Phenanthrene
 Concen: 9.732 ng
 RT: 11.58 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: BF108035.D
 Acq: 8 Aug 2018 22:27

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

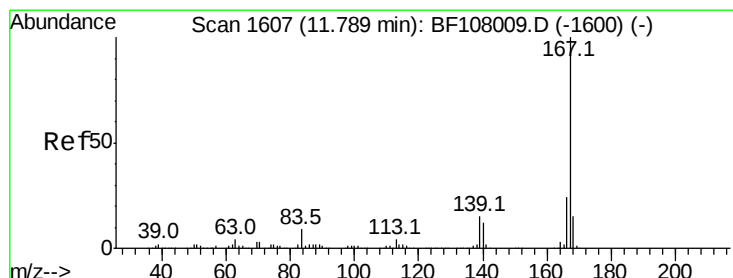
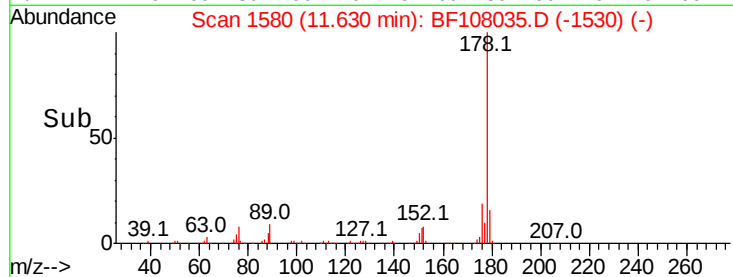
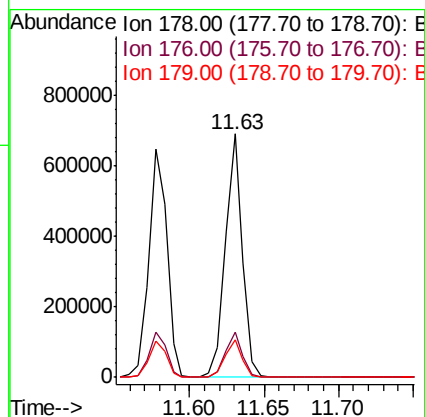
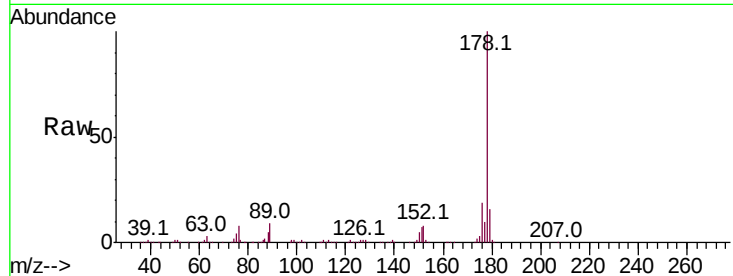




#71
 Anthracene
 Concen: 9.749 ng
 RT: 11.63 min Scan# 1580
 Delta R.T. -0.01 min
 Lab File: BF108035.D
 Acq: 8 Aug 2018 22:27

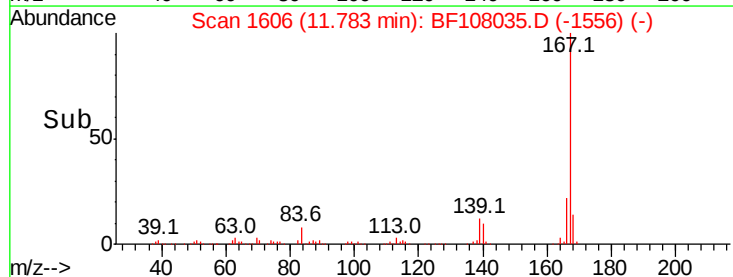
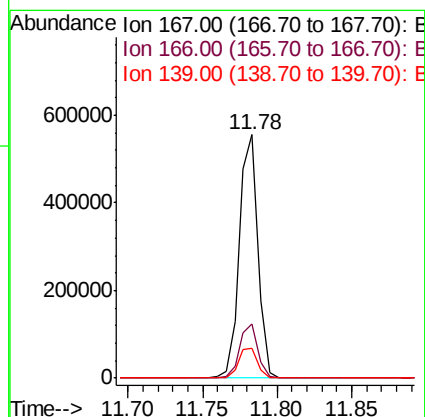
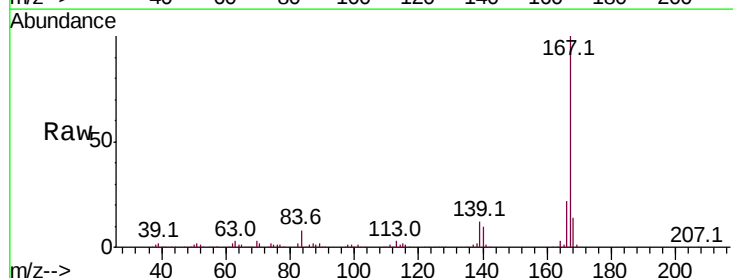
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 557764
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.4 23.2
 179 15.5 12.6 19.0



#72
 Carbazole
 Concen: 9.562 ng
 RT: 11.78 min Scan# 1606
 Delta R.T. -0.01 min
 Lab File: BF108035.D
 Acq: 8 Aug 2018 22:27

Tgt Ion:167 Resp: 486027
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 12.5 10.9 16.3





#73

Di-n-butylphthalate

Concen: 9.691 ng

RT: 12.11 min Scan# 1661

Delta R.T. -0.01 min

Lab File: BF108035.D

Acq: 8 Aug 2018 22:27

Instrument :

BNA_F

ClientSampleId :

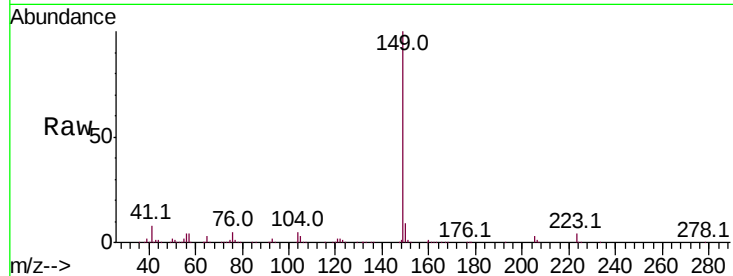
Tot Ion:149 Resp: 557951

Ion Ratio Lower Upper

149 100

150 8.8 7.8 11.6

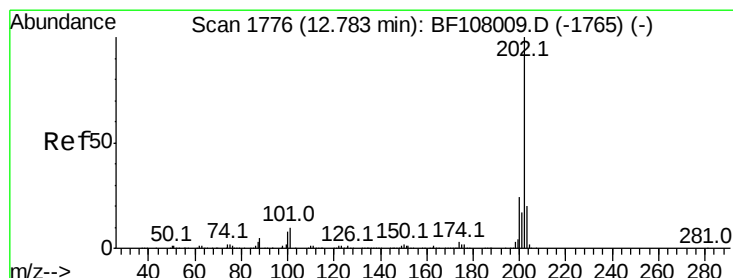
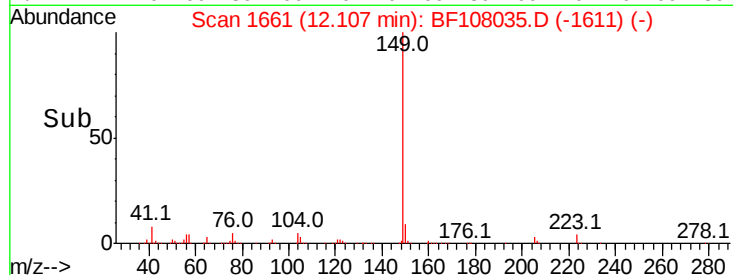
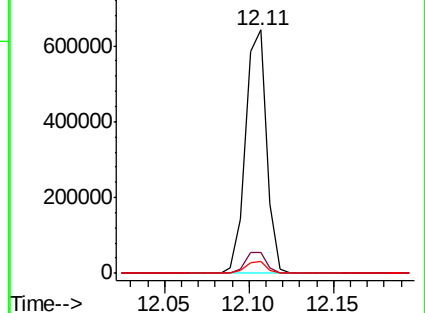
104 4.9 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 9.779 ng

RT: 12.77 min Scan# 1774

Delta R.T. -0.01 min

Lab File: BF108035.D

Acq: 8 Aug 2018 22:27

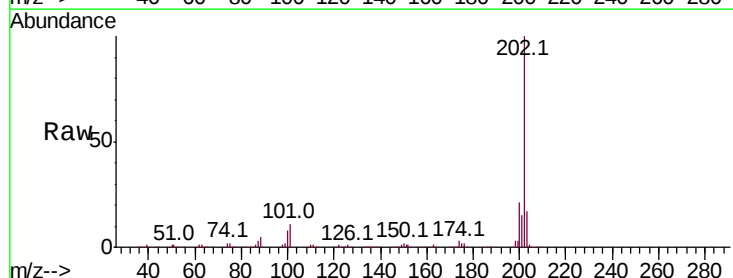
Tgt Ion:202 Resp: 595716

Ion Ratio Lower Upper

202 100

101 10.6 0.0 34.1

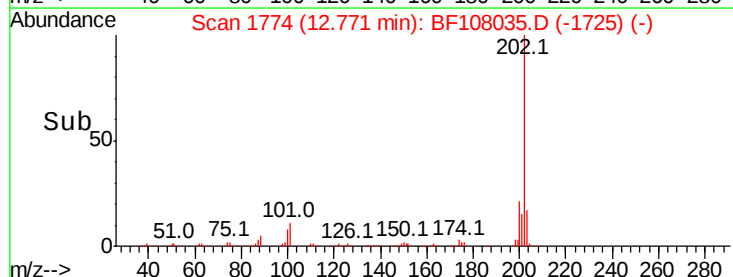
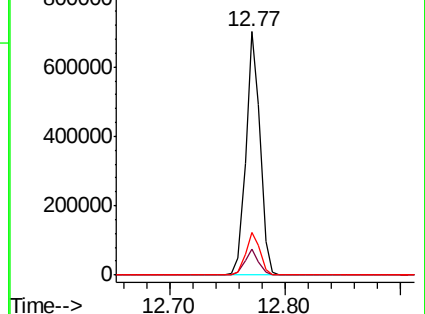
203 17.4 0.0 38.1

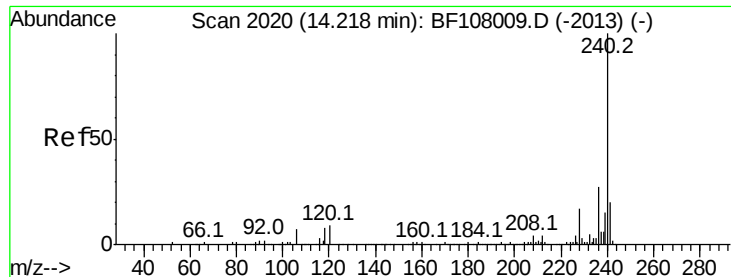


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.21 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF108035.D

Acq: 8 Aug 2018 22:27

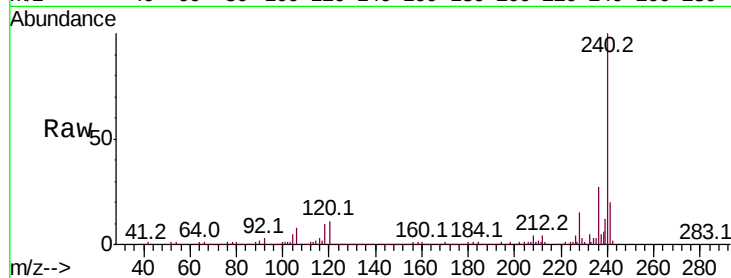
Instrument :

BNA_F

ClientSampleId :

Tot Ion:240 Resp: 1030663

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.5	14.3
236	26.5	20.7	31.1

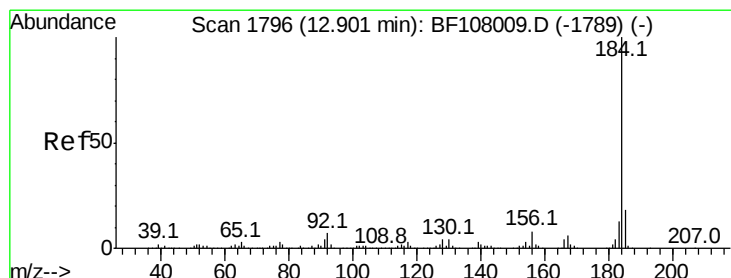
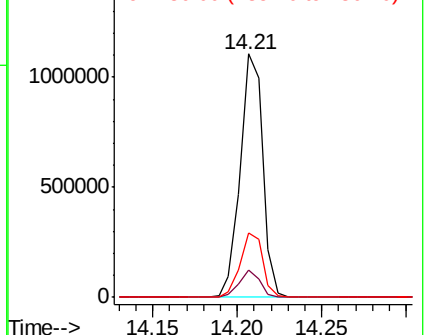
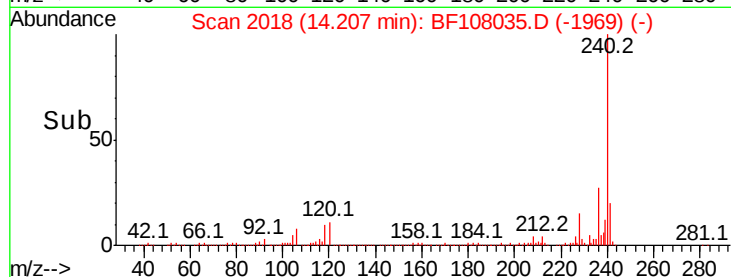


Abundance

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: 3.216 ng

RT: 12.89 min Scan# 1794

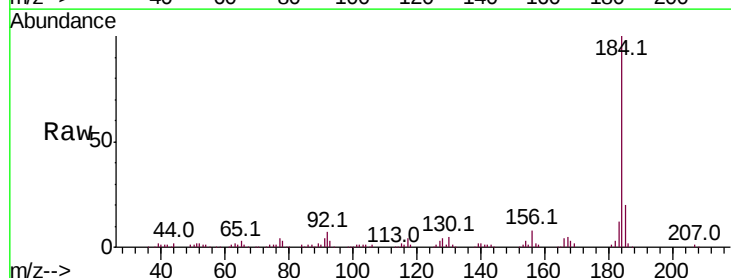
Delta R.T. -0.01 min

Lab File: BF108035.D

Acq: 8 Aug 2018 22:27

Tgt Ion:184 Resp: 123848

Ion	Ratio	Lower	Upper
184	100		
185	19.6	12.6	18.8#
183	12.0	9.3	13.9

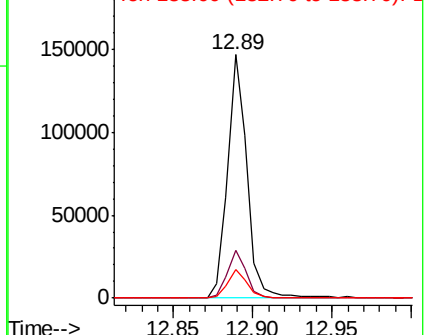
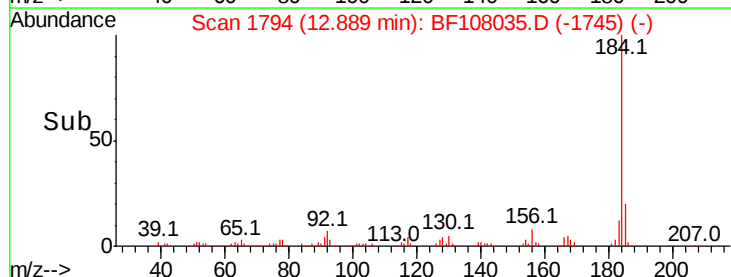


Abundance

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

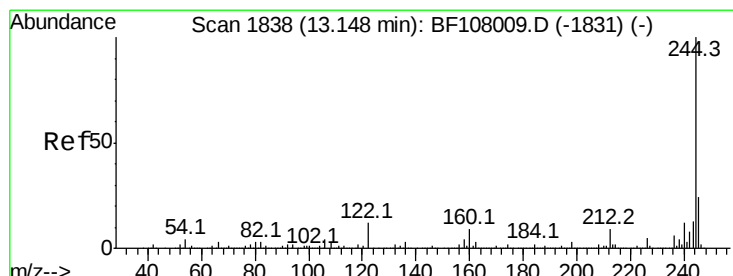
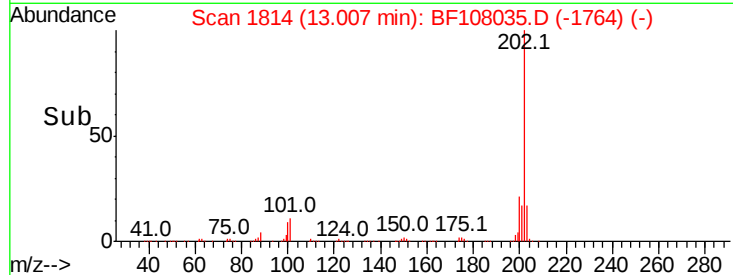
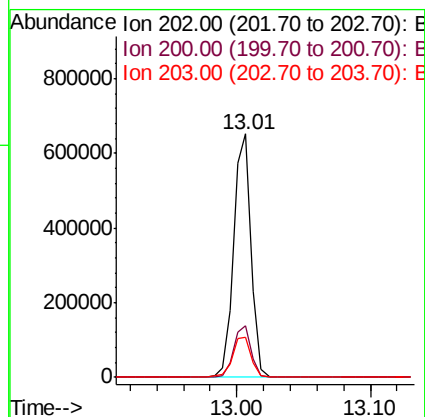
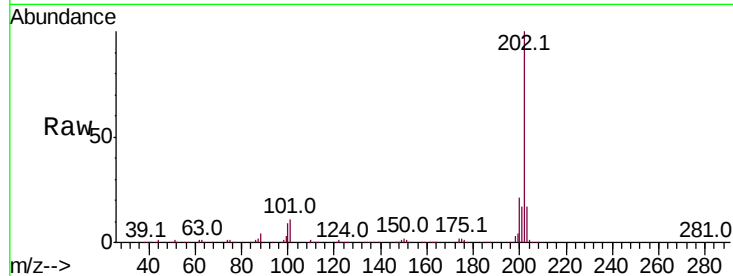




#77
Pvrene
Concen: 9.178 ng
RT: 13.01 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BF108035.D
Acq: 8 Aug 2018 22:27

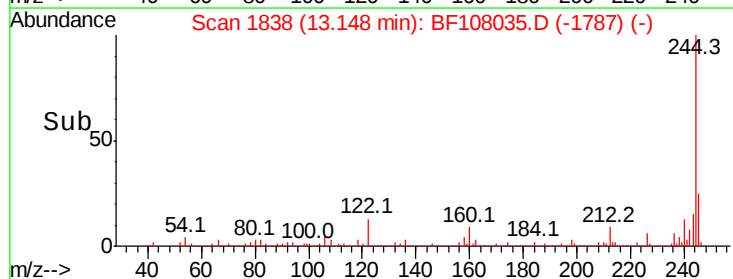
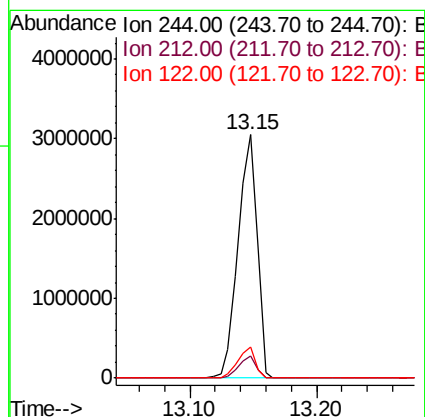
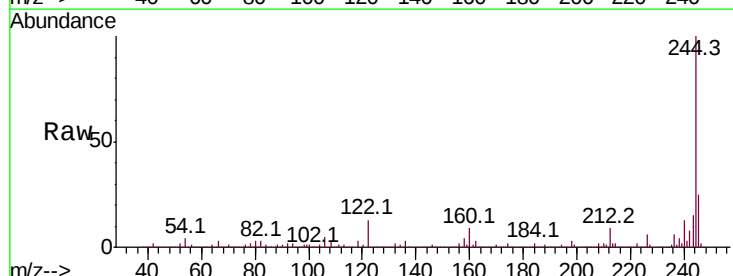
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	16.6	14.3	21.5



#78
Terphenyl-d14
Concen: 77.399 ng
RT: 13.15 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BF108035.D
Acq: 8 Aug 2018 22:27

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.1	5.4	8.0#
122	12.7	11.0	16.4

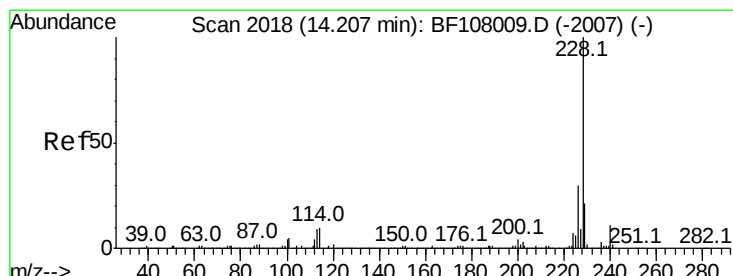
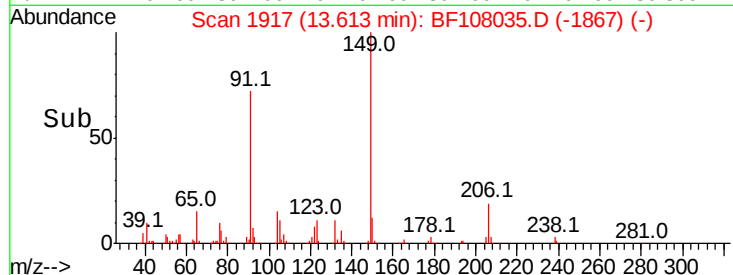
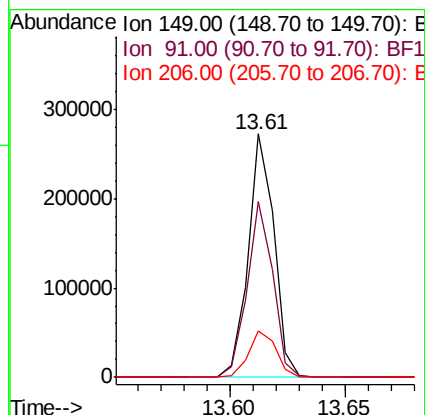
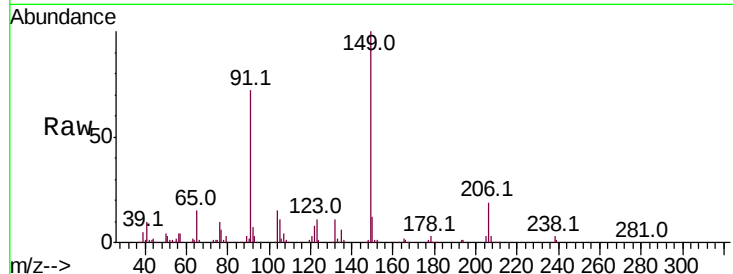




#79
Butylbenzylphthalate
Concen: 8.231 ng
RT: 13.61 min Scan# 1917
Delta R.T. -0.01 min
Lab File: BF108035.D
Acq: 8 Aug 2018 22:27

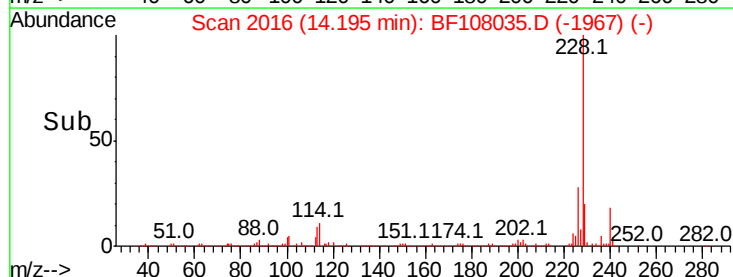
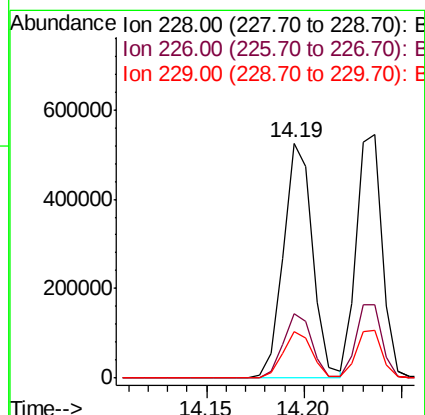
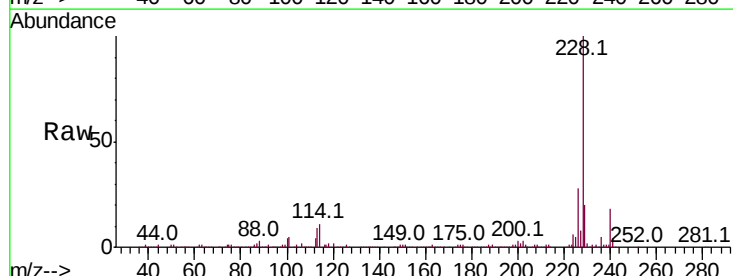
Instrument :
BNA_F
ClientSampleId :

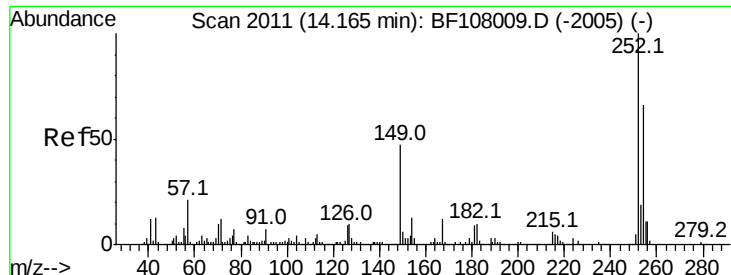
Tot Ion	Ratio	Lower	Upper
149	100		
91	72.2	56.8	85.2
206	18.8	14.1	21.1



#80
Benzo(a)anthracene
Concen: 9.153 ng
RT: 14.19 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF108035.D
Acq: 8 Aug 2018 22:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	19.7	15.8	23.6

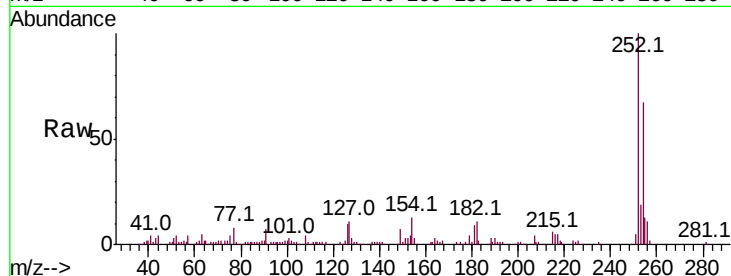




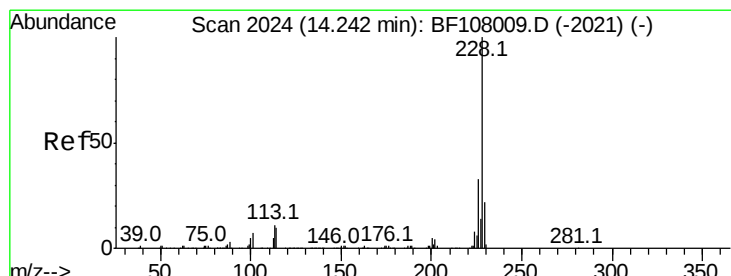
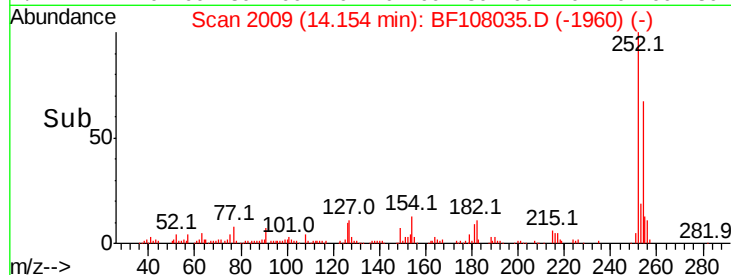
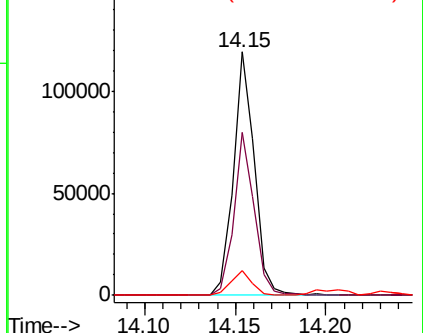
#81
3,3'-Dichlorobenzidine
Concen: 4.536 ng
RT: 14.15 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF108035.D
Acq: 8 Aug 2018 22:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 96142
Ion Ratio Lower Upper
252 100
254 67.0 50.4 75.6
126 10.2 11.3 16.9#

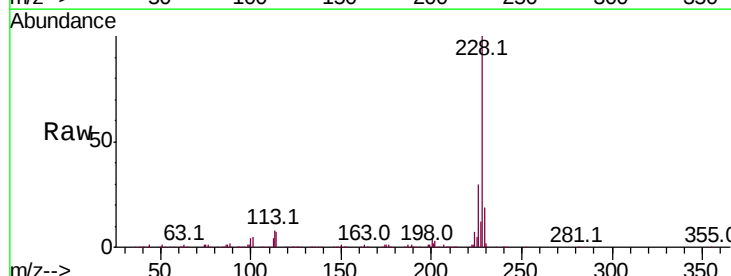


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E

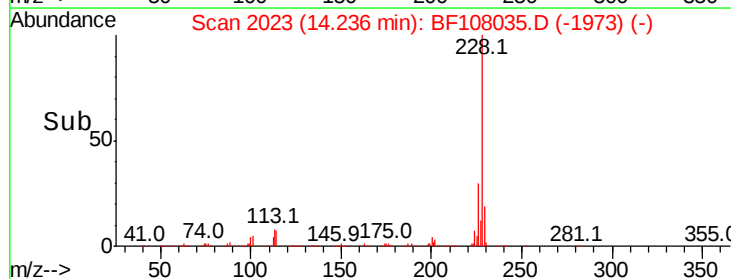
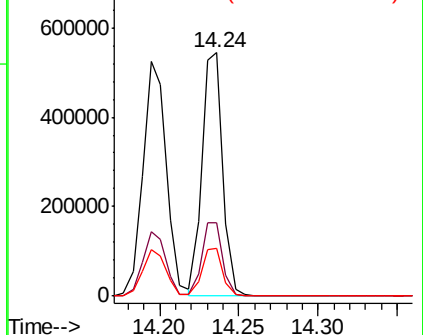


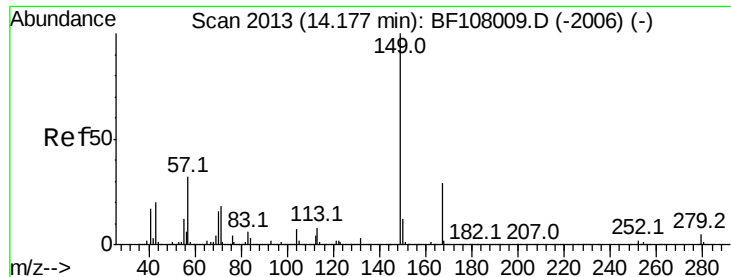
#82
Chrysene
Concen: 9.295 ng
RT: 14.24 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF108035.D
Acq: 8 Aug 2018 22:27

Tgt Ion:228 Resp: 504052
Ion Ratio Lower Upper
228 100
226 30.3 25.0 37.6
229 19.4 16.2 24.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 8.694 ng

RT: 14.17 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BF108035.D

Acq: 8 Aug 2018 22:27

Instrument :

BNA_F

ClientSampleId :

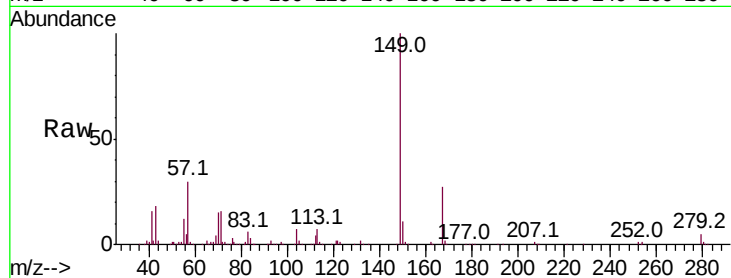
Tot Ion:149 Resp: 305048

Ion Ratio Lower Upper

149 100

167 26.5 21.3 31.9

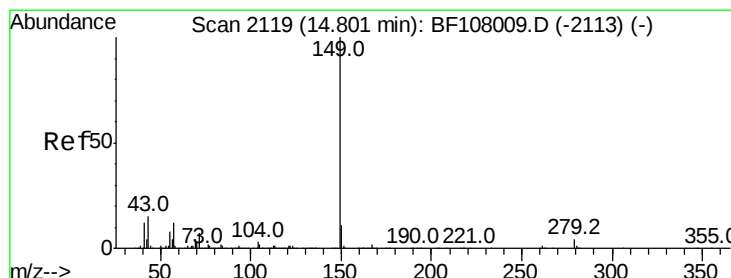
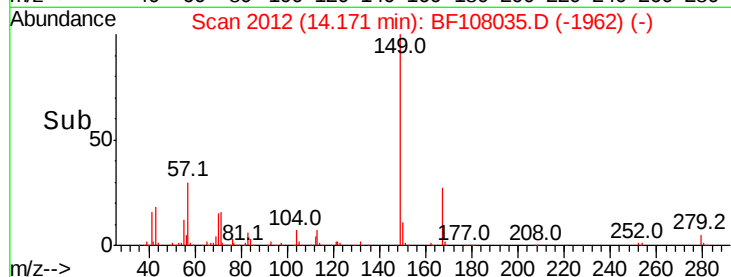
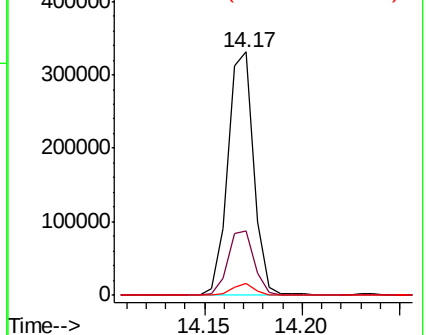
279 4.7 3.0 4.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 8.432 ng

RT: 14.79 min Scan# 2118

Delta R.T. -0.01 min

Lab File: BF108035.D

Acq: 8 Aug 2018 22:27

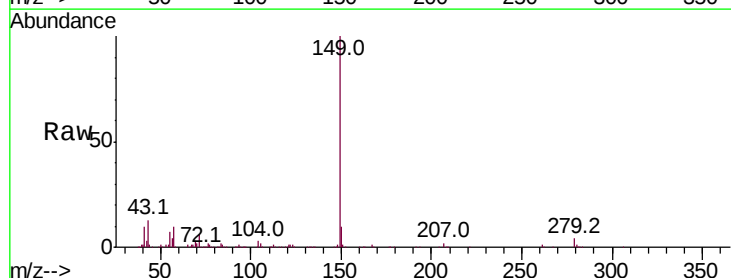
Tgt Ion:149 Resp: 451233

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

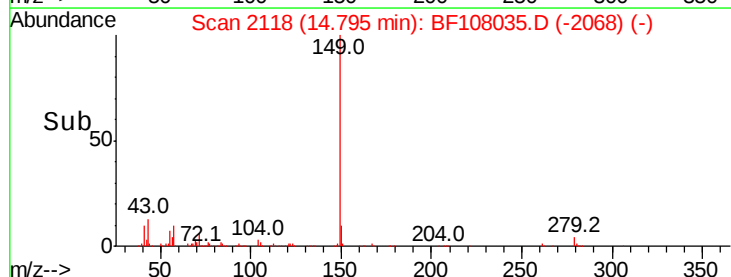
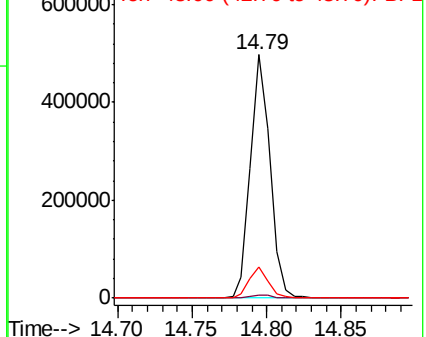
43 12.9 8.4 12.6#

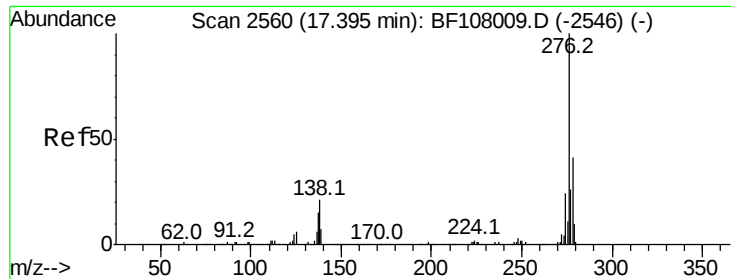


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

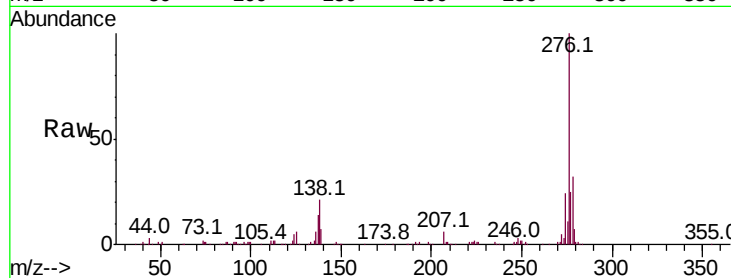




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 7.922 ng
 RT: 17.37 min Scan# 2556
 Delta R.T. -0.02 min
 Lab File: BF108035.D
 Acq: 8 Aug 2018 22:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.1	25.0	37.6#
277	25.2	20.1	30.1

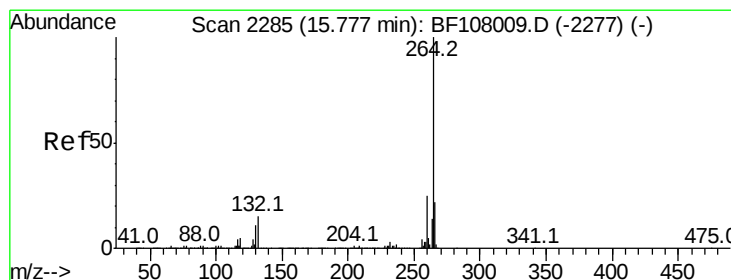
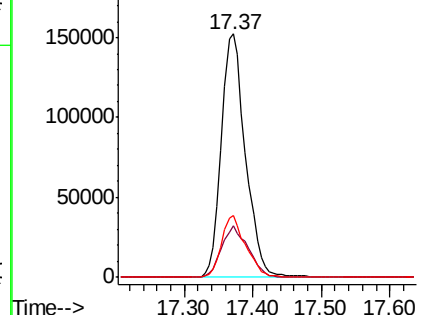
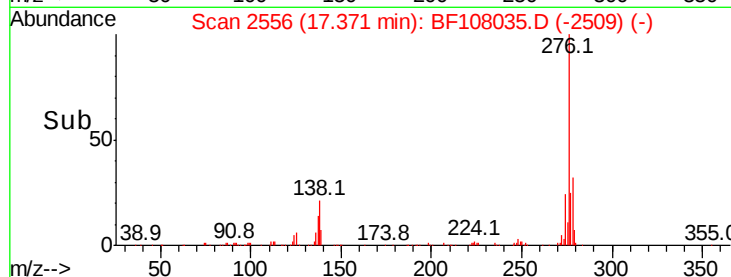


Abundance

Ion 276.00 (275.70 to 276.70): E

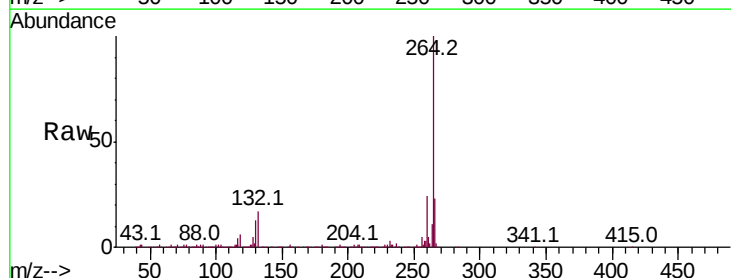
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.77 min Scan# 2283
 Delta R.T. -0.01 min
 Lab File: BF108035.D
 Acq: 8 Aug 2018 22:27

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	22.7	17.5	26.3

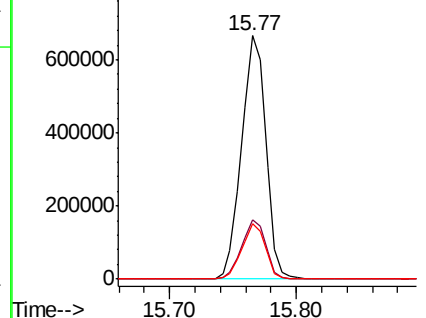
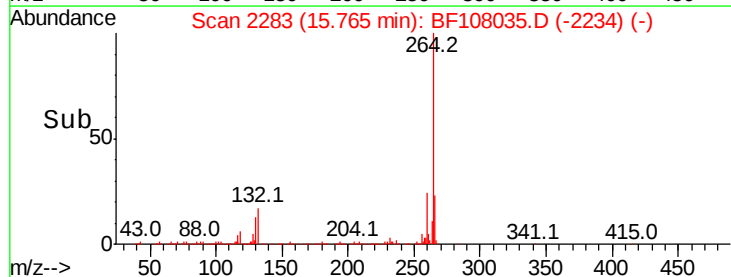


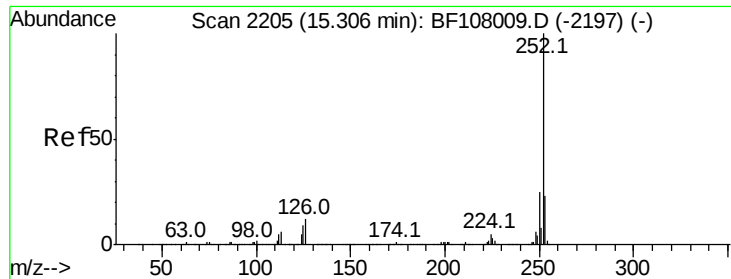
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

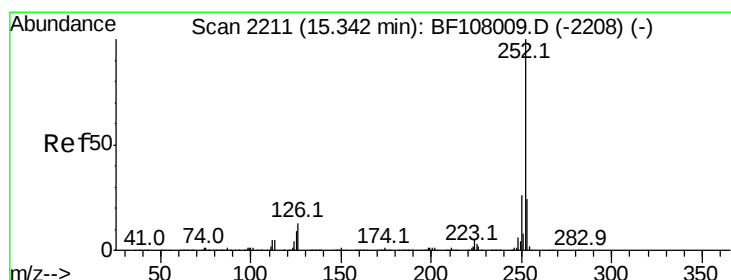
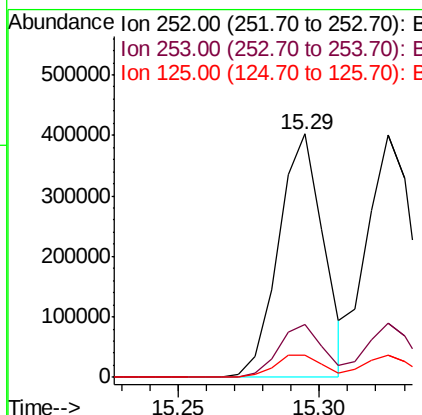
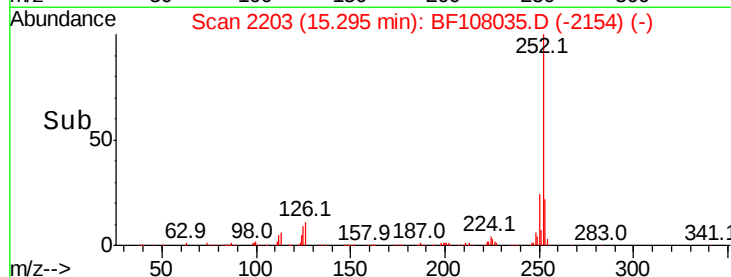
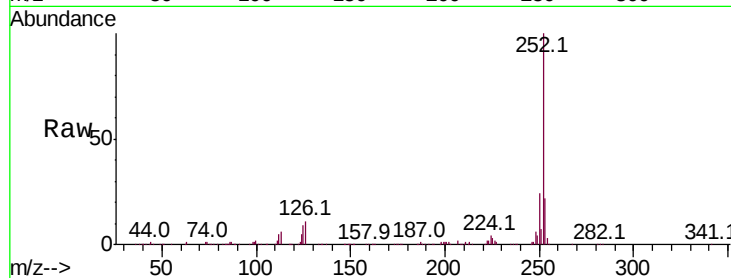




#87
Benzo(b)fluoranthene
Concen: 8.433 ng
RT: 15.29 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF108035.D
Acq: 8 Aug 2018 22:27

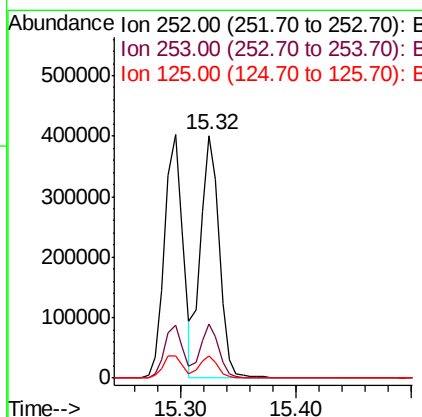
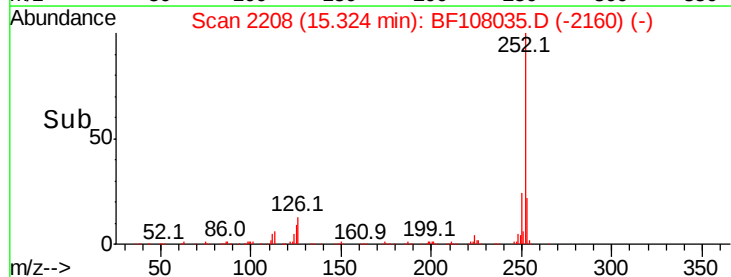
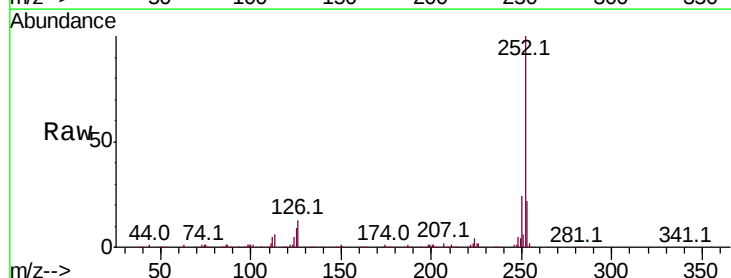
Instrument :
BNA_F
ClientSampleId :

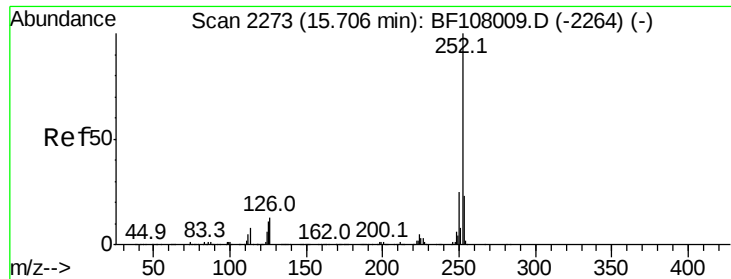
Tot Ion:252 Resp: 444708
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.6
125 9.1 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 9.471 ng
RT: 15.32 min Scan# 2208
Delta R.T. -0.02 min
Lab File: BF108035.D
Acq: 8 Aug 2018 22:27

Tgt Ion:252 Resp: 459085
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 9.4 10.2 15.2#

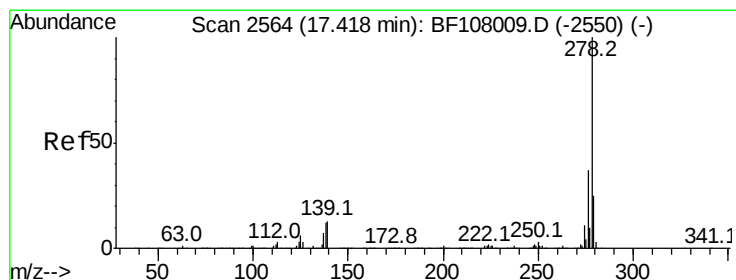
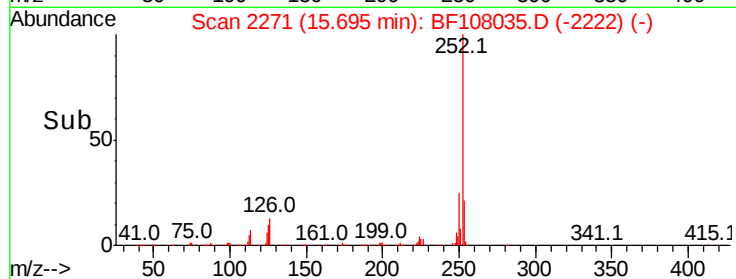
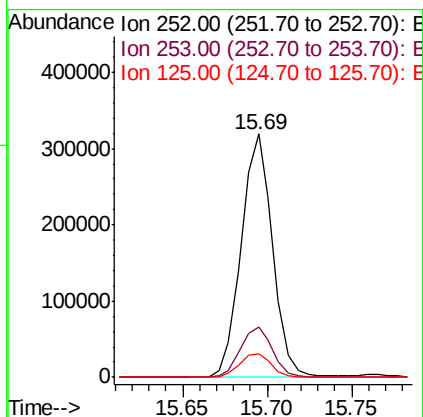
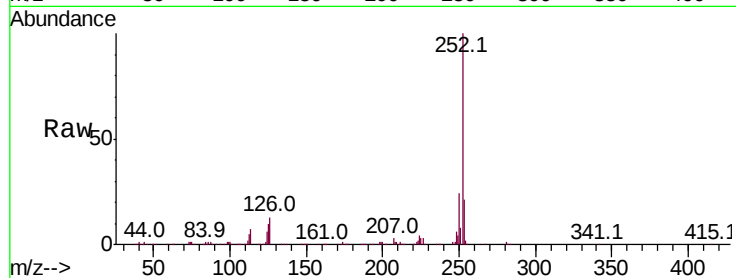




#89
Benzo(a)pyrene
Concen: 8.737 ng
RT: 15.69 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF108035.D
Acq: 8 Aug 2018 22:27

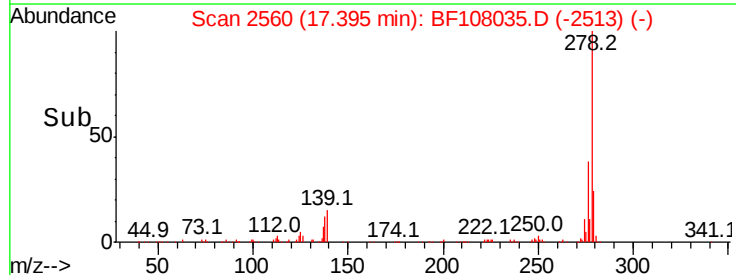
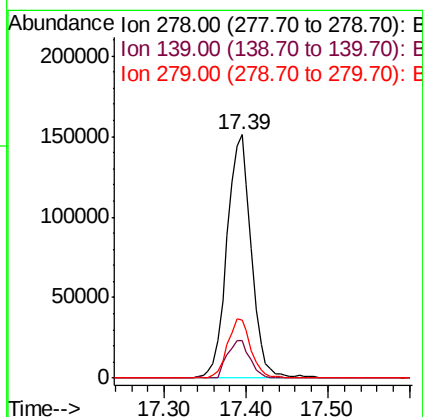
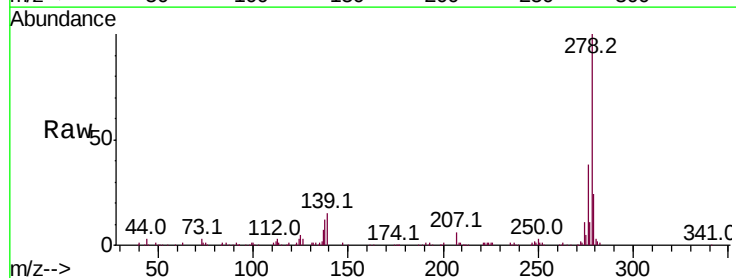
Instrument :
BNA_F
ClientSampleId :

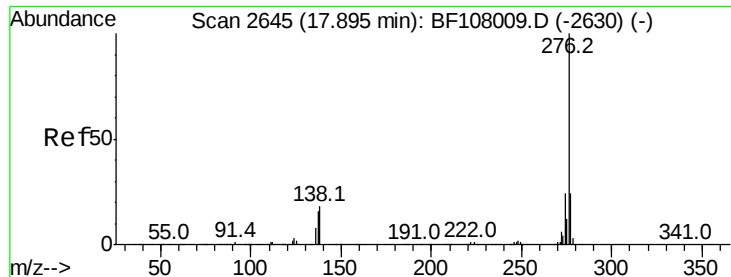
Tot Ion:252 Resp: 412565
Ion Ratio Lower Upper
252 100
253 20.8 17.1 25.7
125 9.7 9.8 14.6#



#90
Dibenzo(a,h)anthracene
Concen: 8.020 ng
RT: 17.39 min Scan# 2560
Delta R.T. -0.02 min
Lab File: BF108035.D
Acq: 8 Aug 2018 22:27

Tgt Ion:278 Resp: 313359
Ion Ratio Lower Upper
278 100
139 15.4 15.9 23.9#
279 23.7 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 7.783 ng

RT: 17.86 min Scan# 2639

Delta R.T. -0.04 min

Lab File: BF108035.D

Acq: 8 Aug 2018 22:27

Instrument :

BNA_F

ClientSampleId :

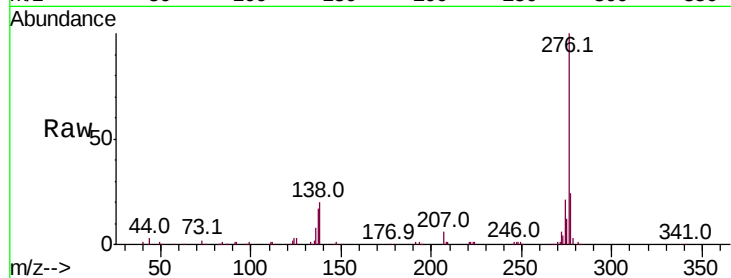
Tot Ion:276 Resp: 299433

Ion Ratio Lower Upper

276 100

277 24.1 17.9 26.9

138 20.3 21.8 32.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

