

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081718\
 Data File : BF108236.D
 Acq On : 17 Aug 2018 11:52
 Operator : JU/SJ
 Sample : PB112112BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 17 12:52:49 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	166029	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	648240	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	330000	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	655674	20.00	ng	0.00
75) Chrysene-d12	14.22	240	538880	20.00	ng	0.00
86) Perylene-d12	15.78	264	404583	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.65	112	833431	90.88	ng	0.02
7) Phenol-d6	6.64	99	1133252	92.99	ng	0.00
23) Nitrobenzene-d5	7.58	82	938615	80.80	ng	0.00
41) 2,4,6-Tribromophenol	10.86	330	334766	101.70	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	1800086	87.58	ng	0.00
78) Terphenyl-d14	13.15	244	1939106	91.49	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.02	88	185733	39.416	ng	90
3) Pyridine	3.76	79	499914	41.184	ng	85
4) n-Nitrosodimethylamine	3.73	42	266557	39.026	ng	84
6) Aniline	6.68	93	533316	32.174	ng	96
8) 2-Chlorophenol	6.80	128	458057	44.349	ng	95
9) Benzaldehyde	6.57	77	210661	22.296	ng	98
10) Phenol	6.65	94	557692	44.242	ng	88
11) bis(2-Chloroethyl)ether	6.75	93	442982	43.468	ng	94
12) 1,3-Dichlorobenzene	6.96	146	516695	43.265	ng	99
13) 1,4-Dichlorobenzene	7.04	146	516102	43.013	ng	96
14) 1,2-Dichlorobenzene	7.19	146	478080	42.835	ng	97
15) Benzyl Alcohol	7.15	79	404522	39.431	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.28	45	858740	40.904	ng	98
17) 2-Methylphenol	7.26	107	387177	43.713	ng	96
18) Hexachloroethane	7.53	117	187857	43.976	ng	91
19) n-Nitroso-di-n-propylamine	7.42	70	345937	41.978	ng	91
20) 3+4-Methylphenols	7.41	107	484978	42.728	ng	93
22) Acetophenone	7.42	105	652556	43.052	ng	# 94
24) Nitrobenzene	7.60	77	514396	43.789	ng	98
25) Isophorone	7.84	82	942962	42.586	ng	98
26) 2-Nitrophenol	7.91	139	217321	48.987	ng	89
27) 2,4-Dimethylphenol	7.94	122	434844	44.248	ng	95
28) bis(2-Chloroethoxy)methane	8.04	93	564115	43.641	ng	99
29) 2,4-Dichlorophenol	8.15	162	414407	45.822	ng	97
30) 1,2,4-Trichlorobenzene	8.24	180	433692	43.495	ng	98
31) Naphthalene	8.32	128	1323440	44.892	ng	99
32) Benzoic acid	8.06	122	180401	33.671	ng	90
33) 4-Chloroaniline	8.37	127	343800	26.760	ng	99
34) Hexachlorobutadiene	8.43	225	275345	43.621	ng	99
35) Caprolactam	8.74	113	76919	27.140	ng	# 82
36) 4-Chloro-3-methylphenol	8.84	107	428626	43.933	ng	98
37) 2-Methylnaphthalene	9.01	142	913548	43.799	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	454333	44.833	ng	98
40) Hexachlorocyclopentadiene	9.17	237	505226	77.185	ng	98

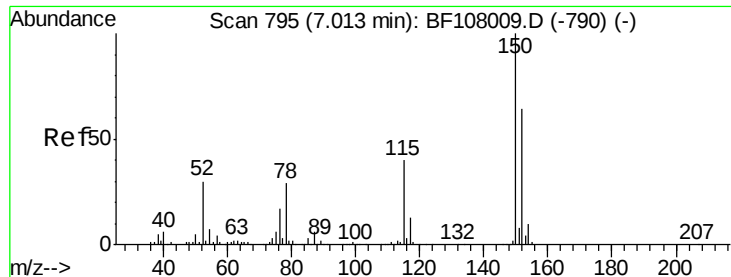
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081718\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	294194	46.782	ng	98
43) 2,4,5-Trichlorophenol	9.33	196	335028	48.396	ng	97
45) 1,1'-Biphenyl	9.48	154	1104781	45.407	ng	99
46) 2-Chloronaphthalene	9.51	162	856246	44.526	ng	99
47) 2-Nitroaniline	9.60	65	293240	47.128	ng	86
48) Acenaphthylene	9.93	152	1372015	45.130	ng	99
49) Dimethylphthalate	9.78	163	1009333	43.908	ng	# 99
50) 2,6-Dinitrotoluene	9.84	165	223503	46.472	ng	92
51) Acenaphthene	10.10	154	880781	47.301	ng	99
52) 3-Nitroaniline	10.01	138	175311	33.316	ng	93
53) 2,4-Dinitrophenol	10.12	184	152506	84.316	ng	# 21
54) Dibenzofuran	10.27	168	1194630	44.283	ng	95
55) 4-Nitrophenol	10.17	139	336144	84.359	ng	84
56) 2,4-Dinitrotoluene	10.25	165	299047	48.307	ng	# 91
57) Fluorene	10.62	166	943900	44.199	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.39	232	278501	48.133	ng	# 85
59) Diethylphthalate	10.48	149	972862	43.706	ng	95
60) 4-Chlorophenyl-phenylether	10.60	204	486758	43.742	ng	94
61) 4-Nitroaniline	10.64	138	235383	45.244	ng	93
62) Azobenzene	10.77	77	993226	43.207	ng	93
64) 4,6-Dinitro-2-methylphenol	10.66	198	104106	42.929	ng	92
65) n-Nitrosodiphenylamine	10.72	169	859115	44.340	ng	97
66) 4-Bromophenyl-phenylether	11.09	248	315057	44.216	ng	# 89
67) Hexachlorobenzene	11.17	284	327249	43.650	ng	# 89
68) Atrazine	11.25	200	293512	45.164	ng	95
69) Pentachlorophenol	11.36	266	319340	88.992	ng	98
70) Phenanthrene	11.59	178	1383125	44.724	ng	99
71) Anthracene	11.64	178	1417541	44.722	ng	98
72) Carbazole	11.79	167	1259595	44.727	ng	99
73) Di-n-butylphthalate	12.11	149	1488545	46.665	ng	99
74) Fluoranthene	12.78	202	1521259	45.072	ng	95
76) Benzidine	12.89	184	643982	31.985	ng	99
77) Pyrene	13.01	202	1529926	44.844	ng	98
79) Butylbenzylphthalate	13.61	149	644965	47.609	ng	93
80) Benzo(a)anthracene	14.21	228	1379297	44.600	ng	98
81) 3,3'-Dichlorobenzidine	14.16	252	333204	30.064	ng	# 97
82) Chrysene	14.25	228	1250707	44.112	ng	99
83) Bis(2-ethylhexyl)phthalate	14.17	149	834534	45.490	ng	100
84) Di-n-octyl phthalate	14.79	149	1322248	47.259	ng	96
85) Indeno(1,2,3-cd)pyrene	17.41	276	916729	37.316	ng	# 91
87) Benzo(b)fluoranthene	15.31	252	1146496	47.424	ng	97
88) Benzo(k)fluoranthene	15.34	252	1025566	46.149	ng	# 96
89) Benzo(a)pyrene	15.71	252	992769	45.859	ng	# 96
90) Dibenzo(a,h)anthracene	17.42	278	764379	42.674	ng	# 95
91) Benzo(g,h,i)perylene	17.90	276	762944	43.256	ng	# 90

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

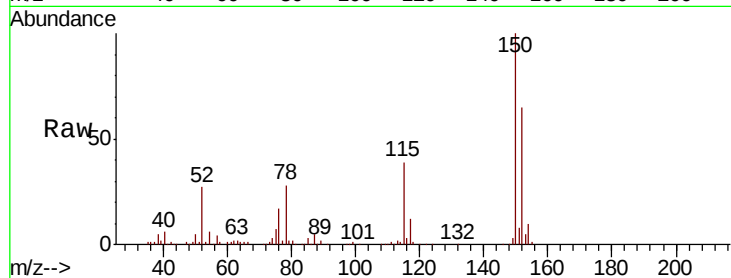


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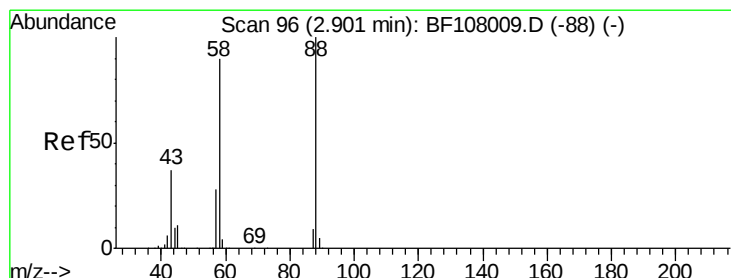
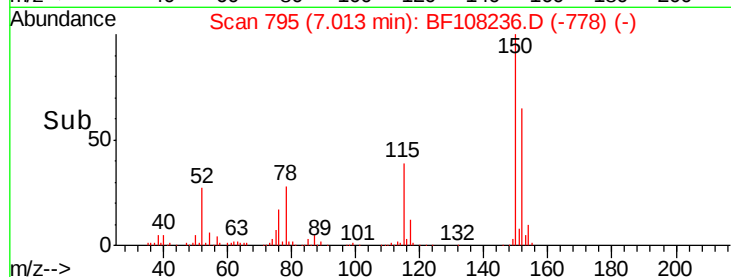
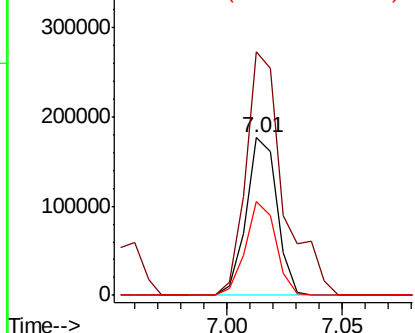
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. -0.00 min
Lab File: BF108236.D
Acq: 17 Aug 2018 11:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 166029
Ion Ratio Lower Upper
152 100
150 154.5 124.6 186.8
115 59.8 50.1 75.1



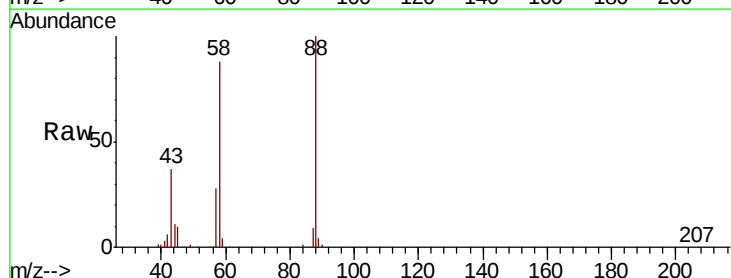
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



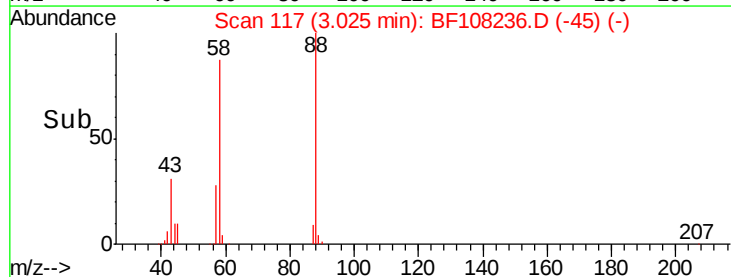
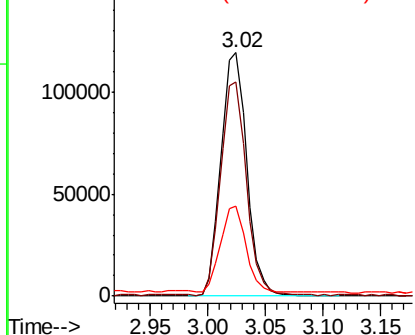
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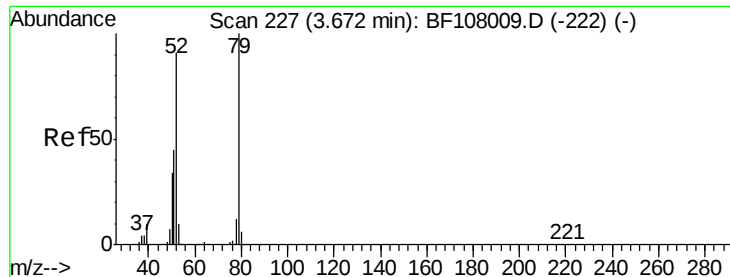
1,4-Dioxane
Concen: 39.416 ng
RT: 3.02 min Scan# 117
Delta R.T. 0.12 min
Lab File: BF108236.D
Acq: 17 Aug 2018 11:52

Tgt Ion: 88 Resp: 185733
Ion Ratio Lower Upper
88 100
58 87.6 62.6 93.8
43 34.7 24.6 37.0



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





#3

Pvridine

Concen: 41.184 ng

RT: 3.76 min Scan# 242

Delta R.T. 0.09 min

Lab File: BF108236.D

Acq: 17 Aug 2018 11:52

Instrument :

BNA_F

ClientSampleId :

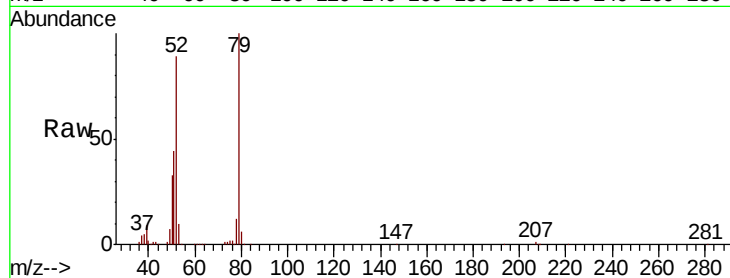
Tot Ion: 79 Resp: 499914

Ion Ratio Lower Upper

79 100

52 89.0 59.8 89.6

51 43.7 29.8 44.8



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

3.76

400000

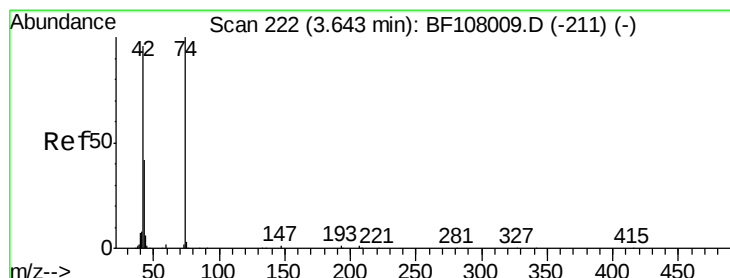
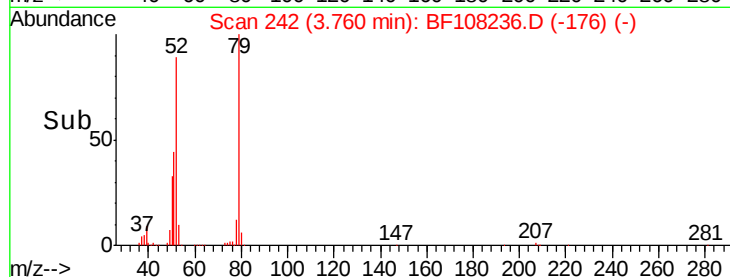
300000

200000

100000

0

Time-->



#4

n-Nitrosodimethylamine

Concen: 39.026 ng

RT: 3.73 min Scan# 237

Delta R.T. 0.09 min

Lab File: BF108236.D

Acq: 17 Aug 2018 11:52

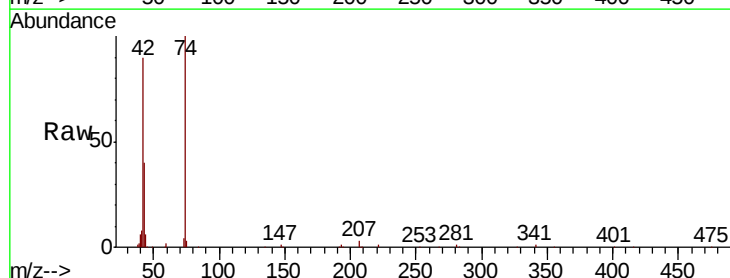
Tgt Ion: 42 Resp: 266557

Ion Ratio Lower Upper

42 100

74 111.5 104.9 157.3

44 7.1 6.9 10.3



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

200000

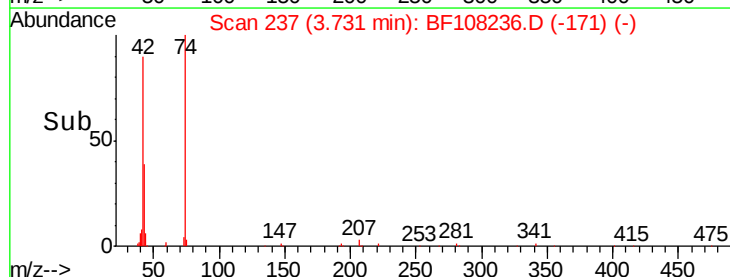
150000

100000

50000

0

Time-->





#5

2-Fluorophenol

Concen: 90.881 ng

RT: 5.65 min Scan# 564

Delta R.T. 0.02 min

Lab File: BF108236.D

Acq: 17 Aug 2018 11:52

Instrument :

BNA_F

ClientSampleId :

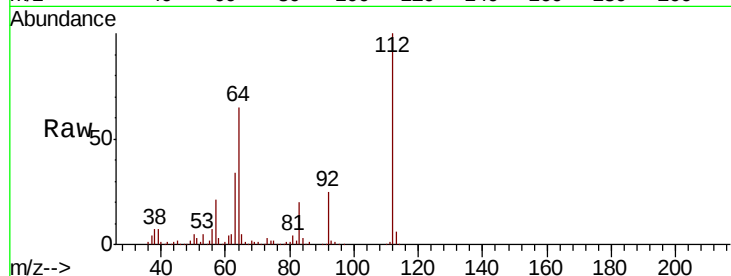
Tot Ion:112 Resp: 833431

Ion Ratio Lower Upper

112 100

64 65.0 47.9 71.9

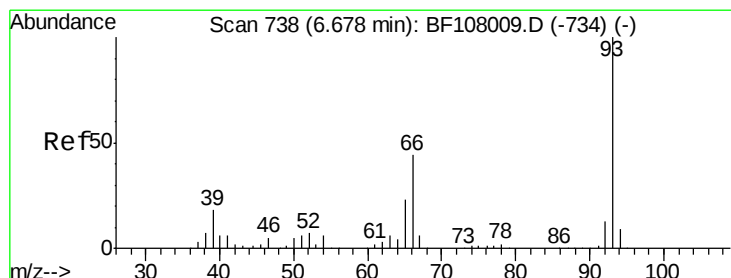
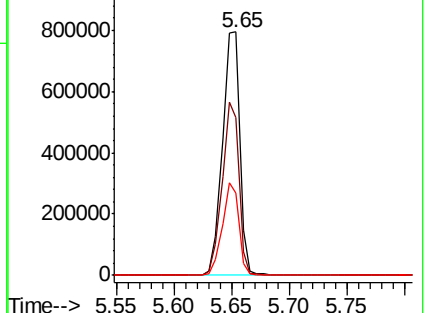
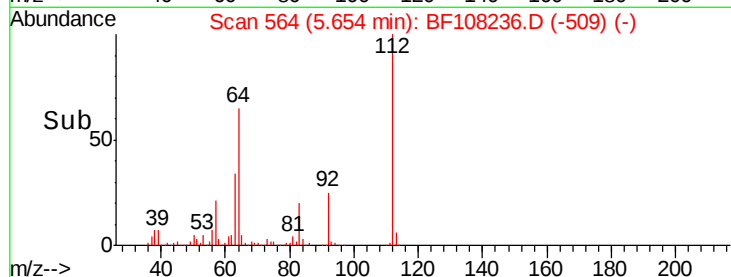
63 33.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 32.174 ng

RT: 6.68 min Scan# 738

Delta R.T. -0.00 min

Lab File: BF108236.D

Acq: 17 Aug 2018 11:52

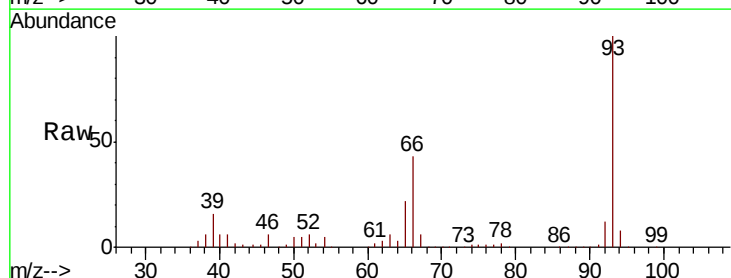
Tgt Ion: 93 Resp: 533316

Ion Ratio Lower Upper

93 100

66 42.6 32.2 48.2

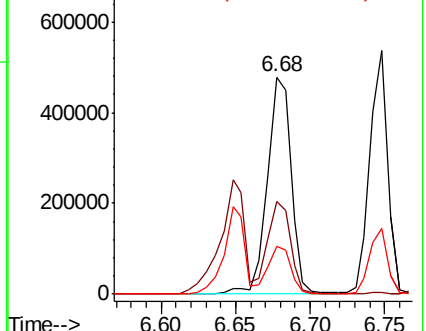
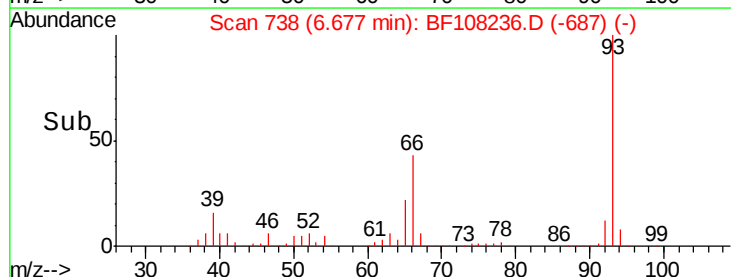
65 22.2 16.4 24.6

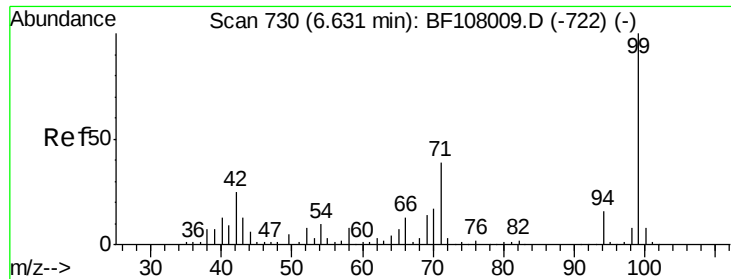


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 92.993 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF108236.D

Acq: 17 Aug 2018 11:52

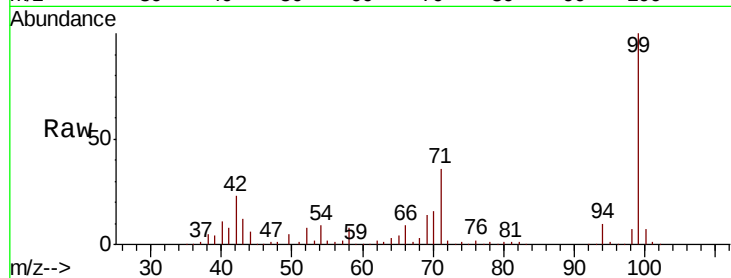
Instrument :

BNA_F

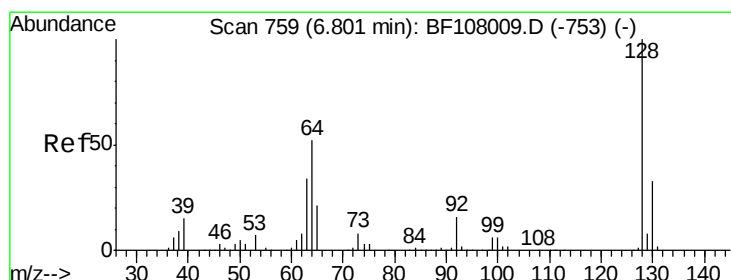
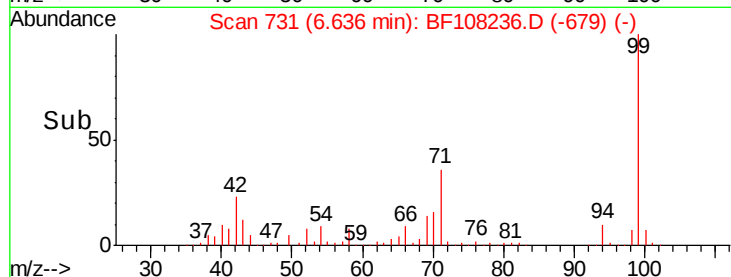
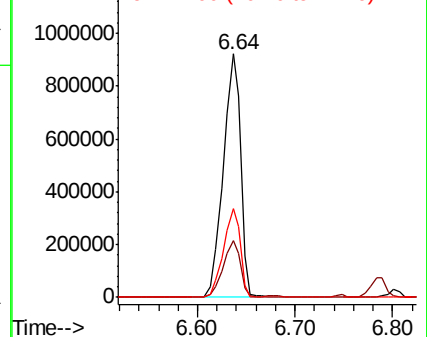
ClientSampleId :

Tot Ion: 99 Resp: 1133252

Ion	Ratio	Lower	Upper
99	100		
42	23.4	14.5	21.7#
71	36.2	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: 44.349 ng

RT: 6.80 min Scan# 759

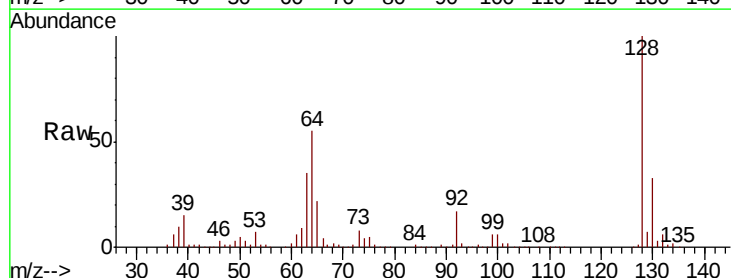
Delta R.T. -0.00 min

Lab File: BF108236.D

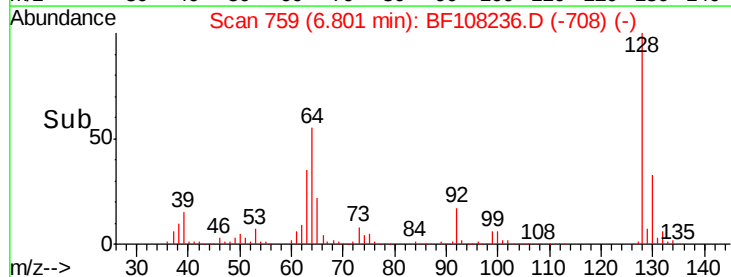
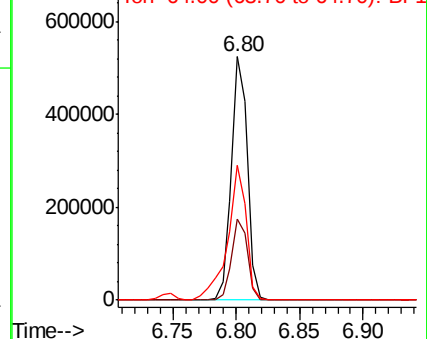
Acq: 17 Aug 2018 11:52

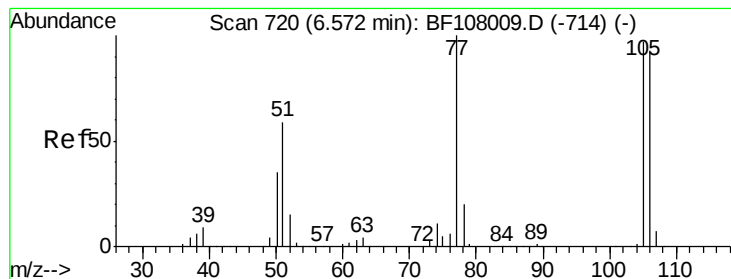
Tgt Ion: 128 Resp: 458057

Ion	Ratio	Lower	Upper
128	100		
130	33.2	13.0	53.0
64	55.1	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: 22.296 ng

RT: 6.57 min Scan# 720

Delta R.T. -0.00 min

Lab File: BF108236.D

Acq: 17 Aug 2018 11:52

Instrument :

BNA_F

ClientSampleId :

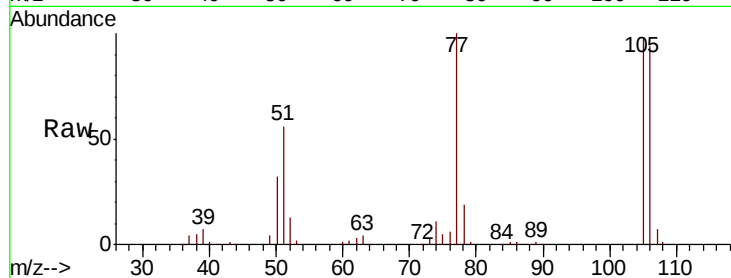
Tot Ion: 77 Resp: 210661

Ion Ratio Lower Upper

77 100

105 97.6 81.1 121.1

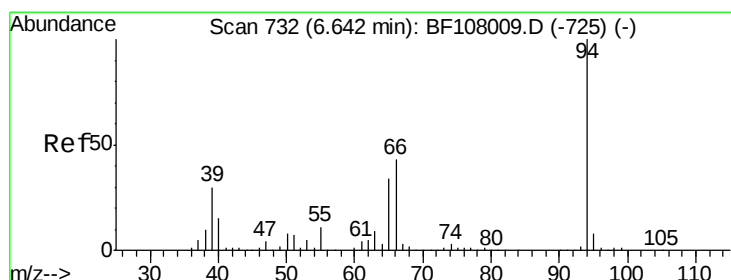
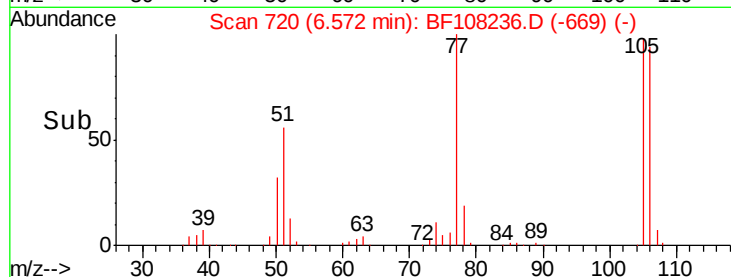
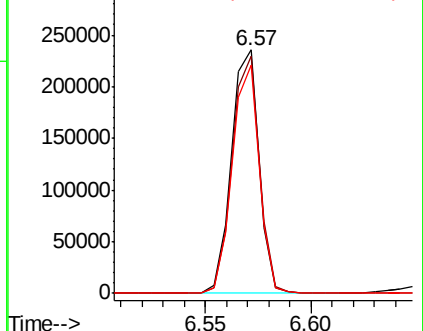
106 93.8 74.5 114.5



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: 44.242 ng

RT: 6.65 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF108236.D

Acq: 17 Aug 2018 11:52

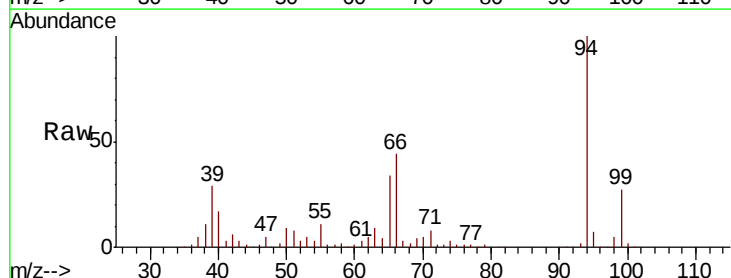
Tgt Ion: 94 Resp: 557692

Ion Ratio Lower Upper

94 100

65 33.7 7.9 47.9

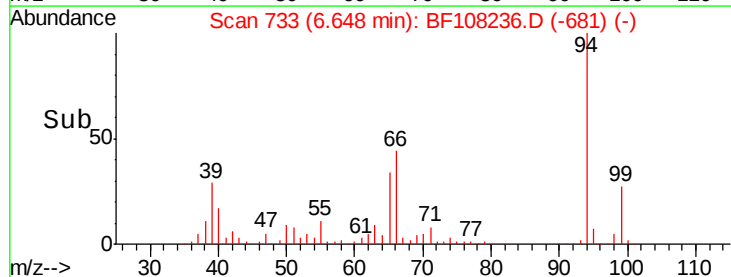
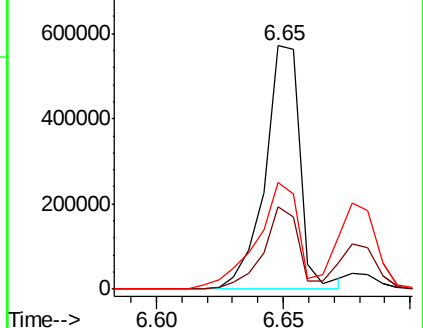
66 43.9 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

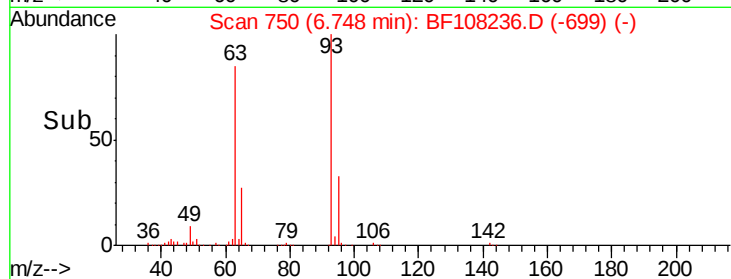
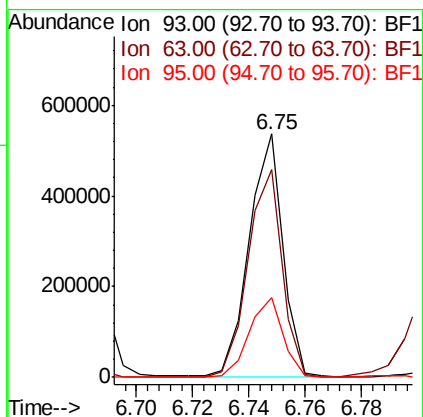
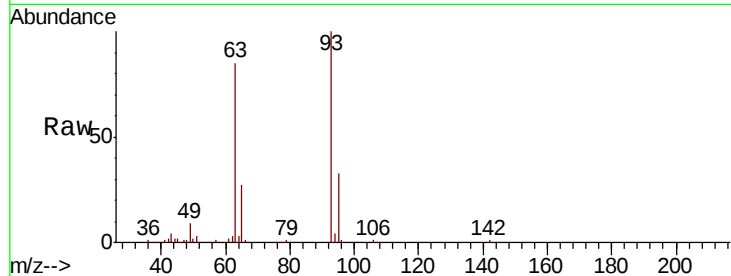




#11
bis(2-Chloroethyl)ether
Concen: 43.468 ng
RT: 6.75 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF108236.D
Acq: 17 Aug 2018 11:52

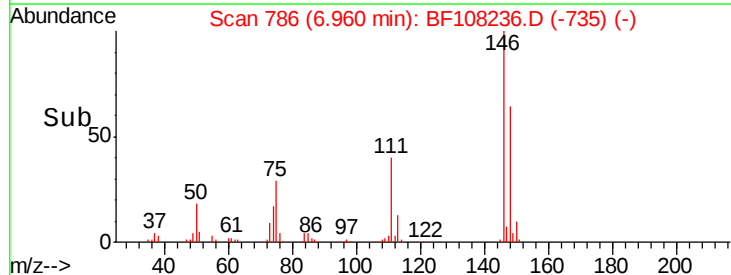
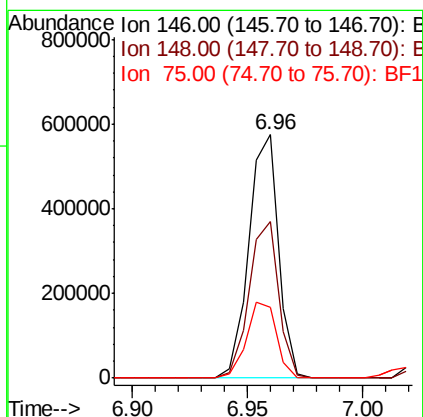
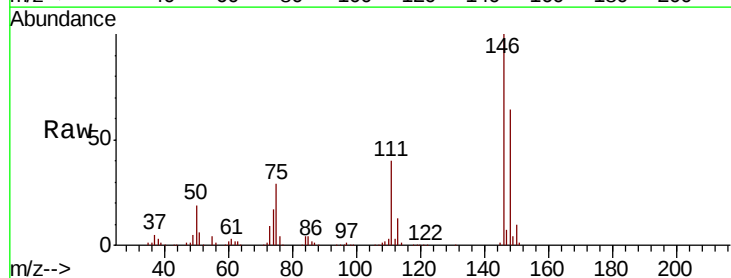
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	85.3	58.6	98.6
95	32.6	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 43.265 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF108236.D
Acq: 17 Aug 2018 11:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.8	77.8
75	29.3	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 43.013 ng

RT: 7.04 min Scan# 799

Delta R.T. -0.00 min

Lab File: BF108236.D

Acq: 17 Aug 2018 11:52

Instrument :

BNA_F

ClientSampleId :

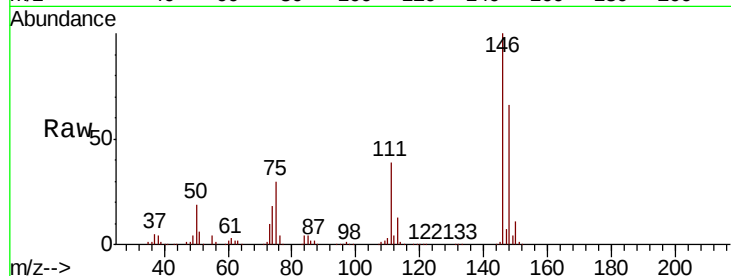
Tot Ion:146 Resp: 516102

Ion Ratio Lower Upper

146 100

148 65.6 50.8 76.2

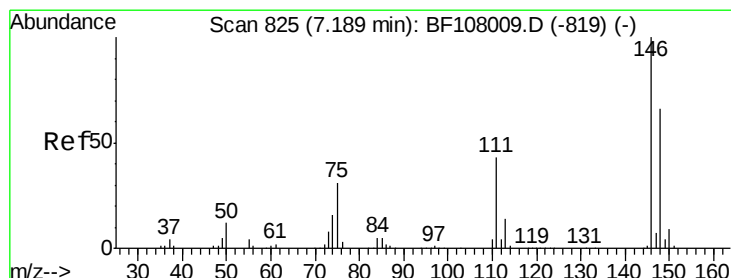
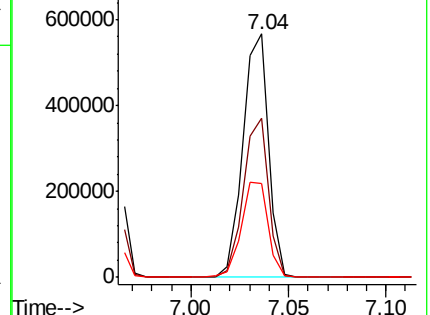
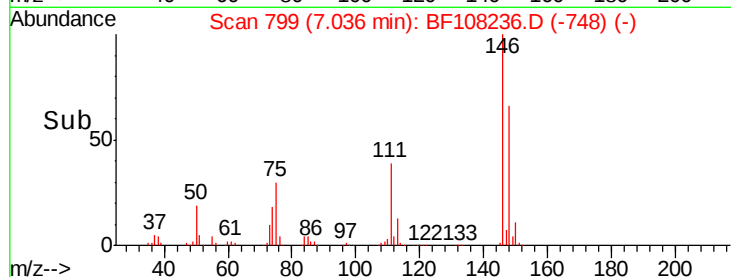
111 38.5 34.2 51.2



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: 42.835 ng

RT: 7.19 min Scan# 825

Delta R.T. -0.00 min

Lab File: BF108236.D

Acq: 17 Aug 2018 11:52

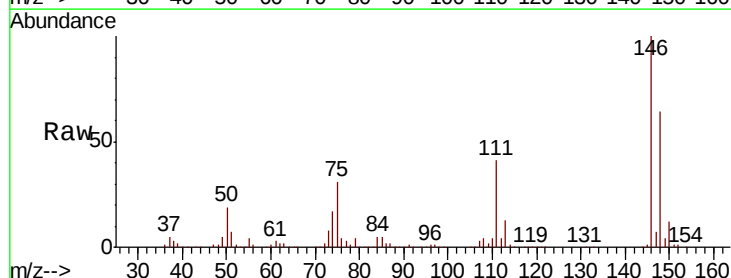
Tgt Ion:146 Resp: 478080

Ion Ratio Lower Upper

146 100

148 64.3 50.6 75.8

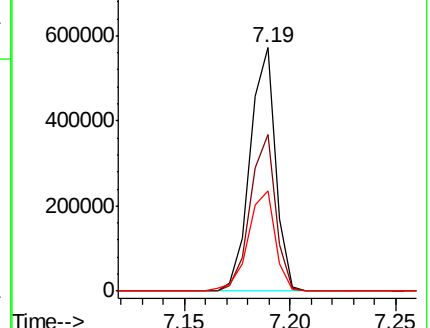
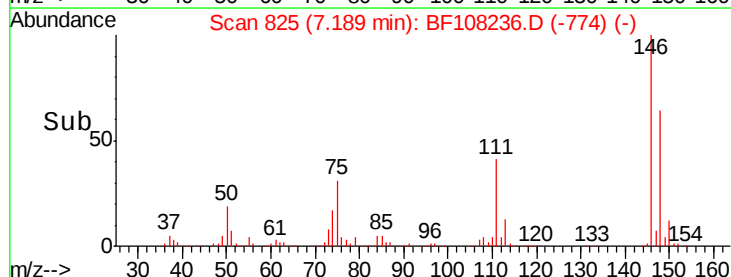
111 41.1 36.0 54.0



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: 39.431 ng

RT: 7.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF108236.D

Acq: 17 Aug 2018 11:52

Instrument :
BNA_F
ClientSampled :

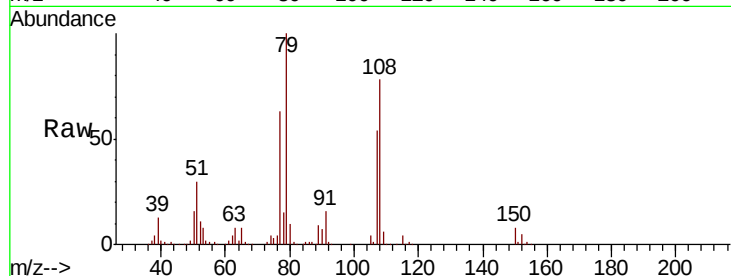
Tot Ion: 79 Resp: 404522

Ion Ratio Lower Upper

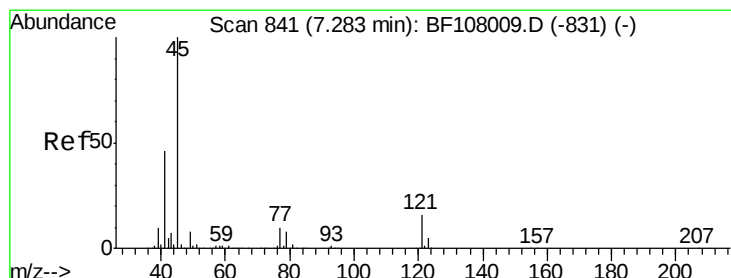
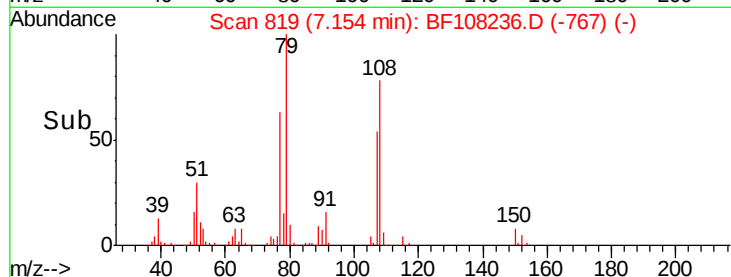
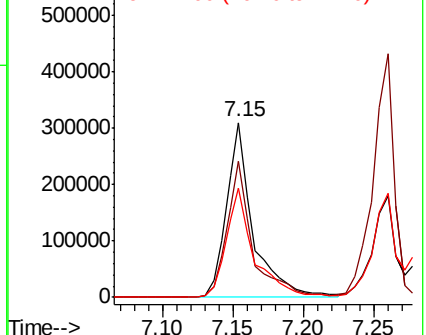
79 100

108 77.6 65.1 97.7

77 62.9 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: 40.904 ng

RT: 7.28 min Scan# 841

Delta R.T. -0.00 min

Lab File: BF108236.D

Acq: 17 Aug 2018 11:52

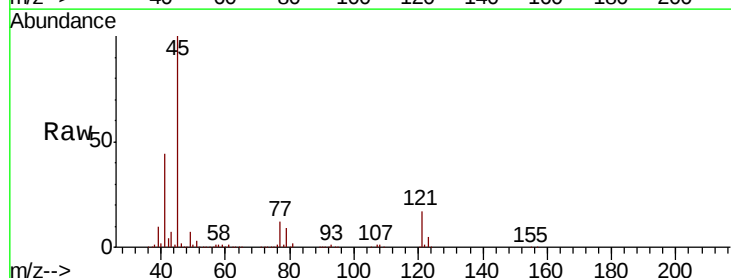
Tgt Ion: 45 Resp: 858740

Ion Ratio Lower Upper

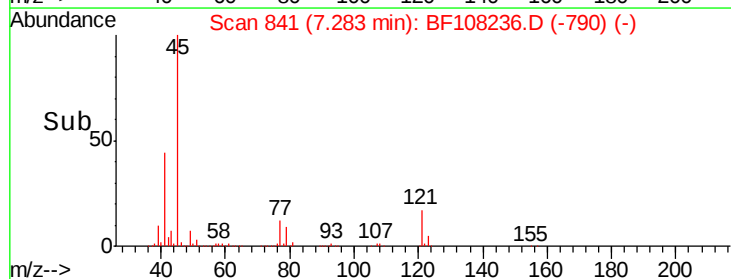
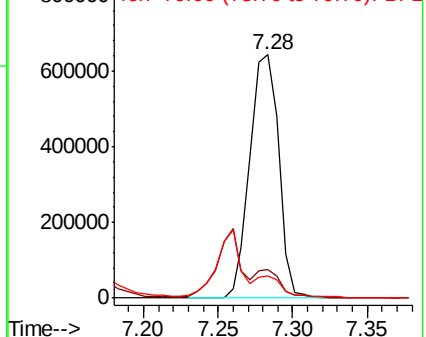
45 100

77 11.6 0.0 32.9

79 9.3 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

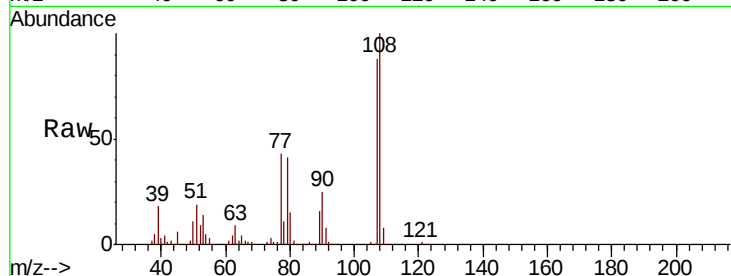




#17
2-Methylphenol
Concen: 43.713 ng
RT: 7.26 min Scan# 837
Delta R.T. 0.01 min
Lab File: BF108236.D
Acq: 17 Aug 2018 11:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	387177
Ion	Ratio	Lower	Upper
107	100		
108	113.6	91.7	137.5
77	48.6	33.8	50.8
79	47.1	33.8	50.8



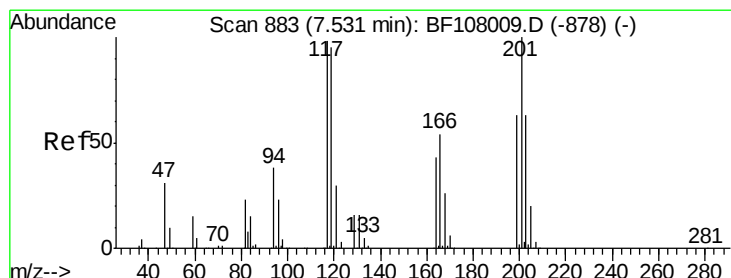
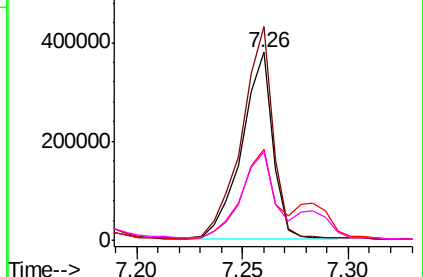
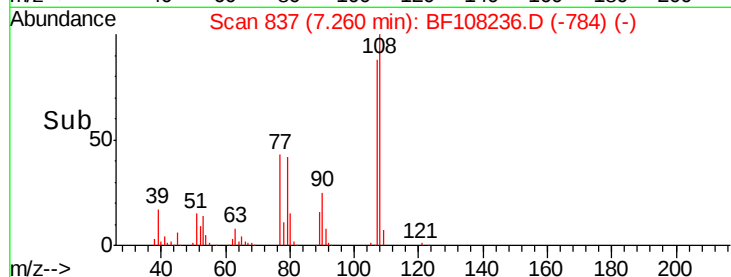
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

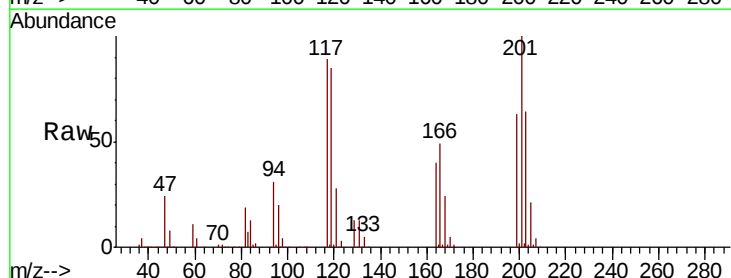
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 43.976 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.00 min
Lab File: BF108236.D
Acq: 17 Aug 2018 11:52

Tgt Ion:	117	Resp:	187857
Ion	Ratio	Lower	Upper
117	100		
119	95.5	75.8	113.8
201	112.2	75.7	113.5

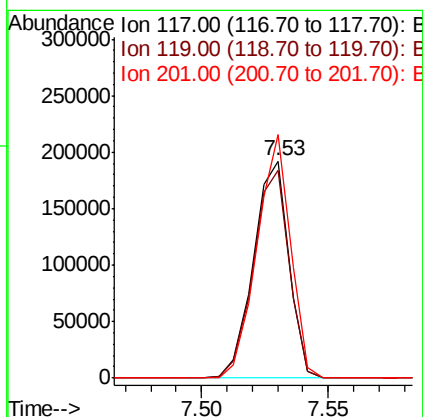
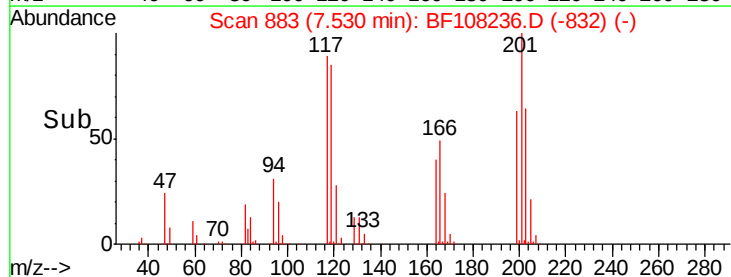


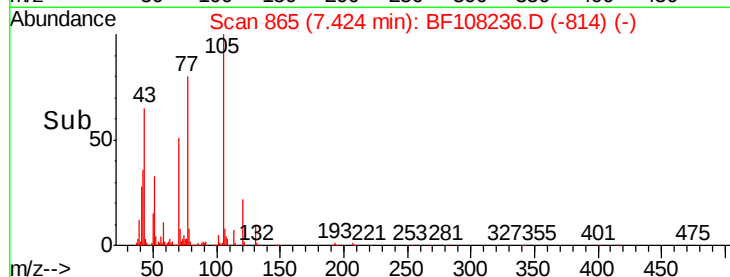
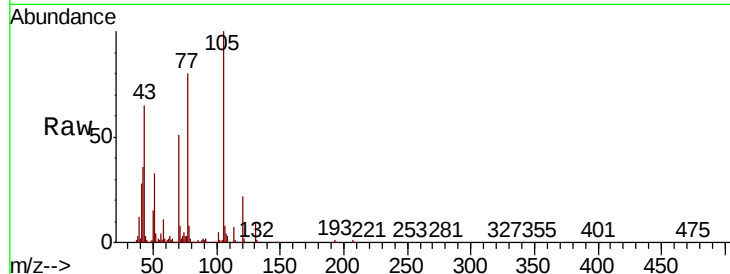
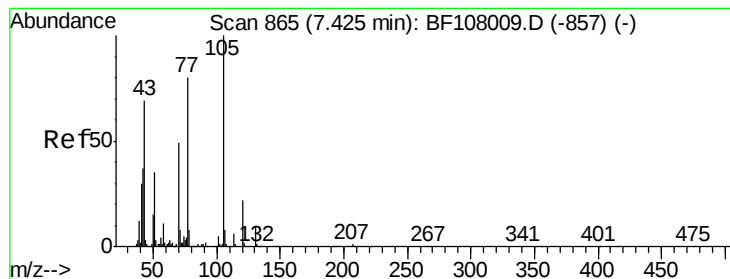
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 41.978 ng

RT: 7.42 min Scan# 865

Delta R.T. -0.00 min

Lab File: BF108236.D

Acq: 17 Aug 2018 11:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 345937

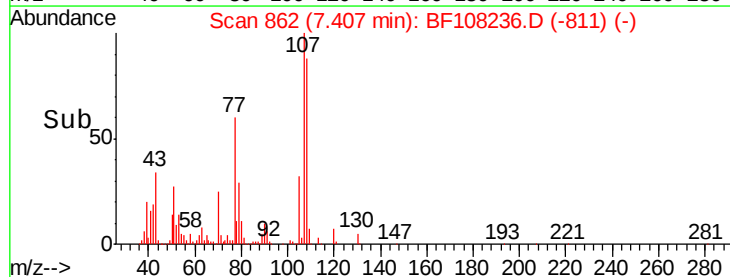
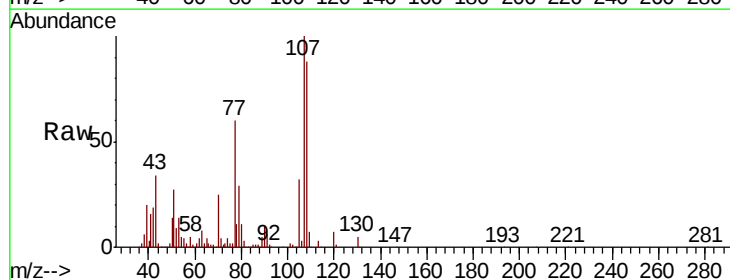
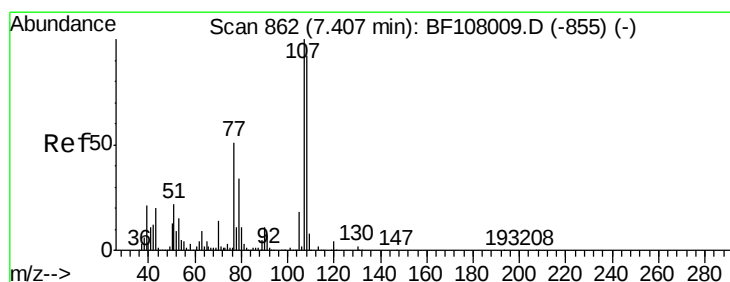
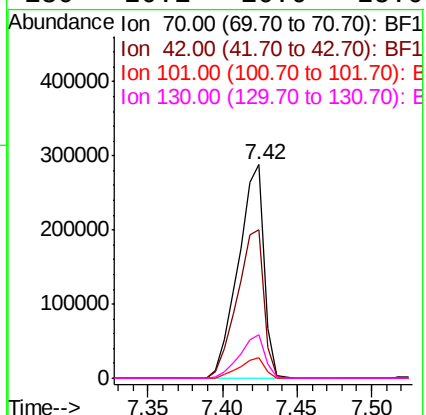
Ion Ratio Lower Upper

70 100

42 69.4 47.5 71.3

101 9.8 7.4 11.2

130 20.1 16.6 25.0



#20

3+4-Methylphenols

Concen: 42.728 ng

RT: 7.41 min Scan# 862

Delta R.T. -0.00 min

Lab File: BF108236.D

Acq: 17 Aug 2018 11:52

Tgt Ion: 107 Resp: 484978

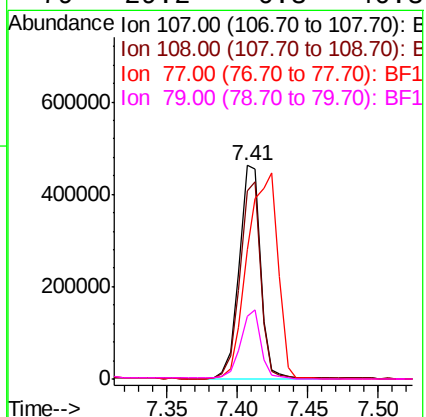
Ion Ratio Lower Upper

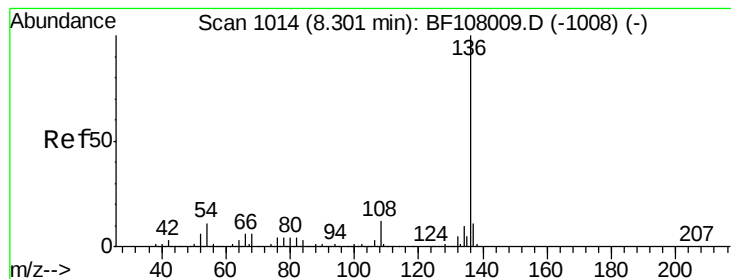
107 100

108 87.9 68.2 108.2

77 60.4 26.7 66.7

79 29.2 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.30 min Scan# 1014

Delta R.T. -0.00 min

Lab File: BF108236.D

Acq: 17 Aug 2018 11:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 648240

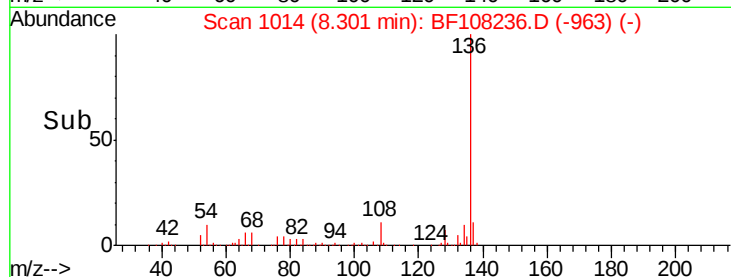
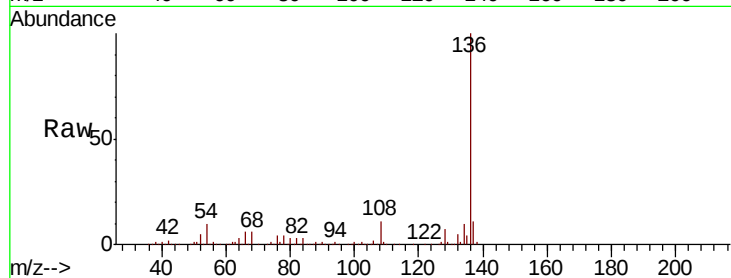
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 9.8 6.6 9.8

68 6.0 5.0 7.4

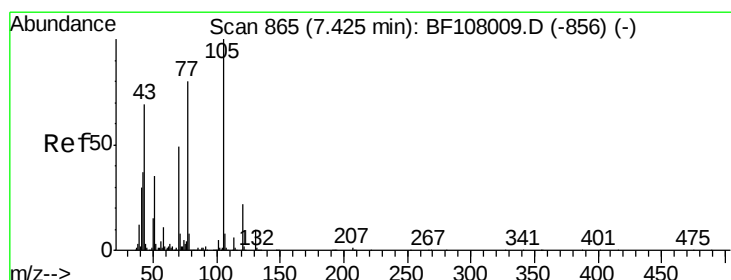
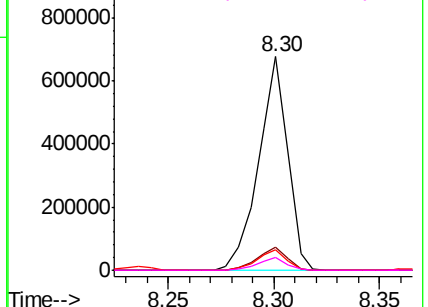


Abundance Ion 136.00 (135.70 to 136.70): E

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: 43.052 ng

RT: 7.42 min Scan# 865

Delta R.T. -0.00 min

Lab File: BF108236.D

Acq: 17 Aug 2018 11:52

Tgt Ion:105 Resp: 652556

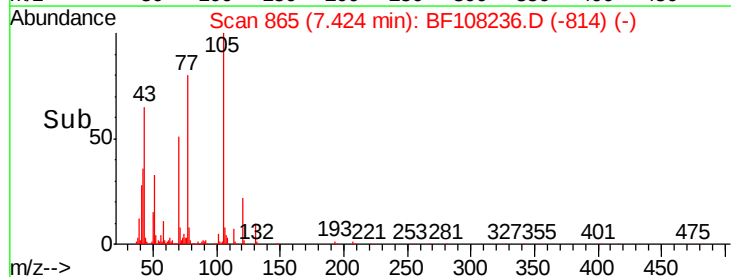
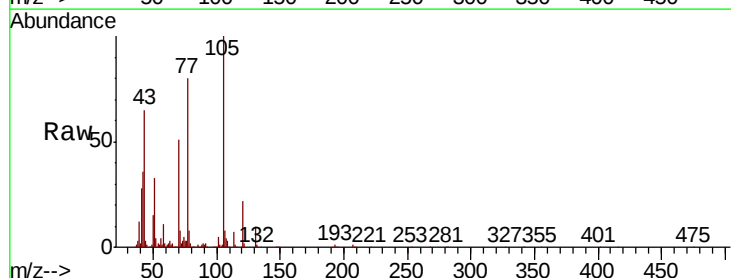
Ion Ratio Lower Upper

105 100

71 8.3 4.4 6.6#

51 32.8 22.3 33.5

120 21.5 16.9 25.3

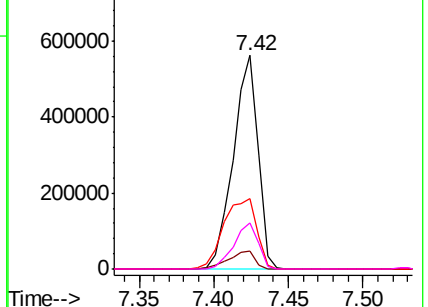


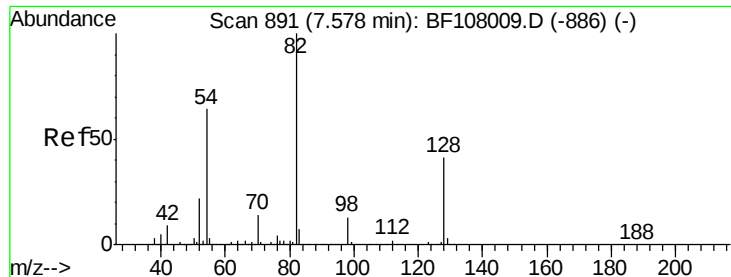
Abundance Ion 105.00 (104.70 to 105.70): E

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

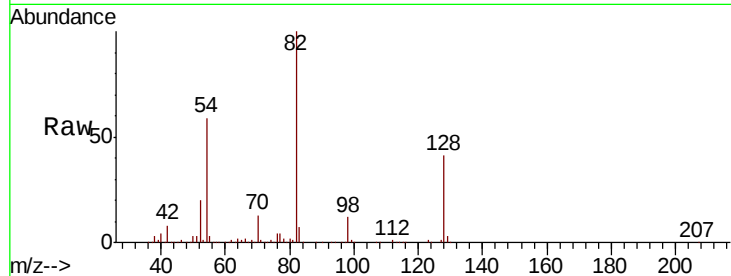




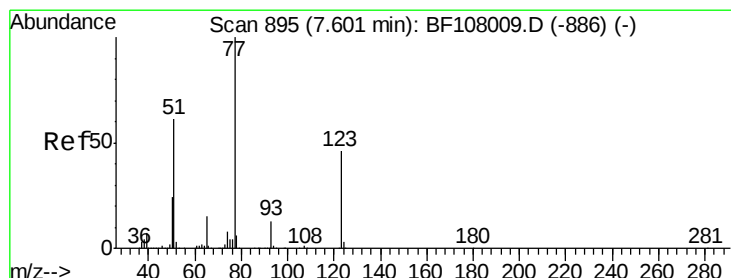
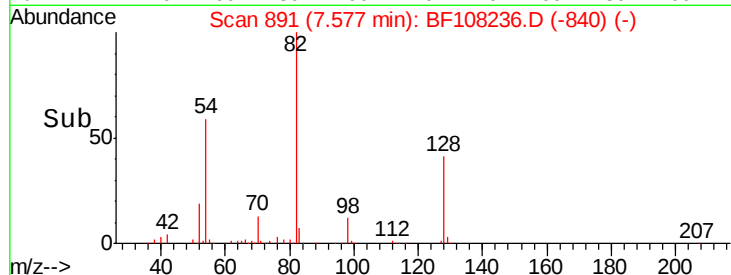
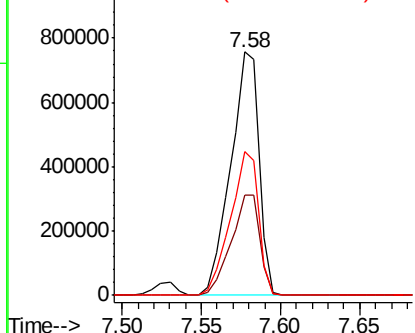
#23
 Nitrobenzene-d5
 Concen: 80.797 ng
 RT: 7.58 min Scan# 891
 Delta R.T. -0.00 min
 Lab File: BF108236.D
 Acq: 17 Aug 2018 11:52

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.0	36.1	54.1
54	59.2	41.4	62.2

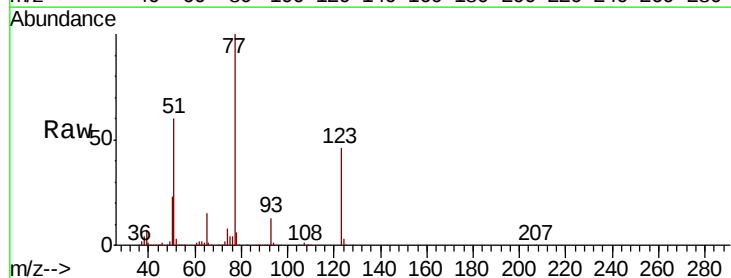


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

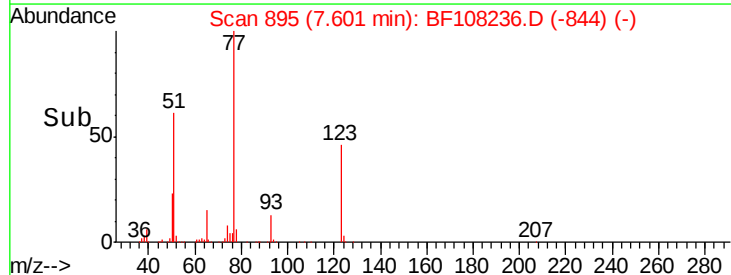
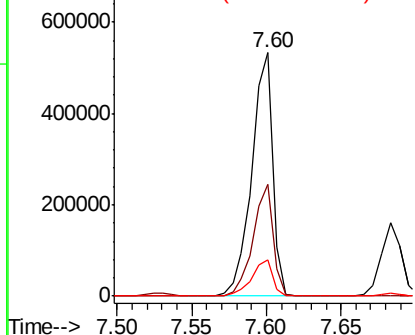


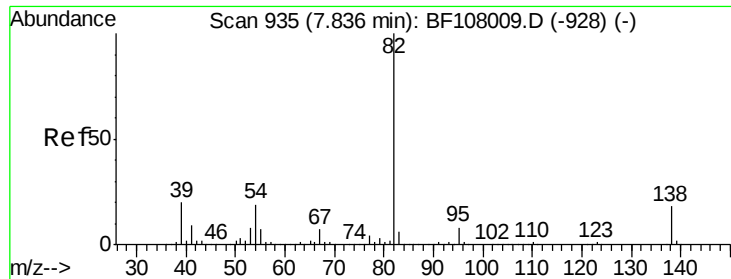
#24
 Nitrobenzene
 Concen: 43.789 ng
 RT: 7.60 min Scan# 895
 Delta R.T. -0.00 min
 Lab File: BF108236.D
 Acq: 17 Aug 2018 11:52

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.9	37.9	56.9
65	14.8	11.0	16.4



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





#25

Isophorone

Concen: 42.586 ng

RT: 7.84 min Scan# 935

Delta R.T. -0.00 min

Lab File: BF108236.D

Acq: 17 Aug 2018 11:52

Instrument :

BNA_F

ClientSampleId :

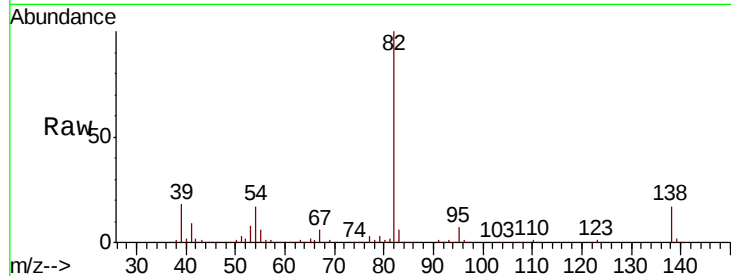
Tot Ion: 82 Resp: 942962

Ion Ratio Lower Upper

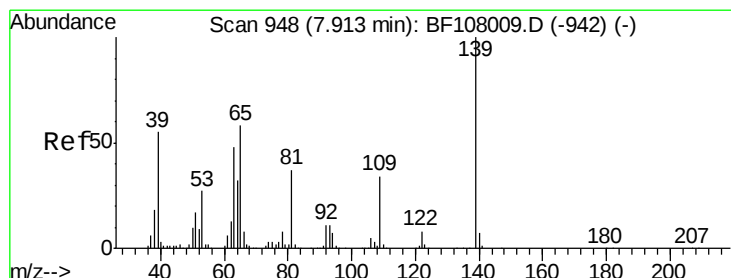
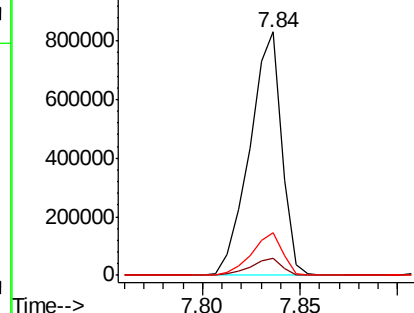
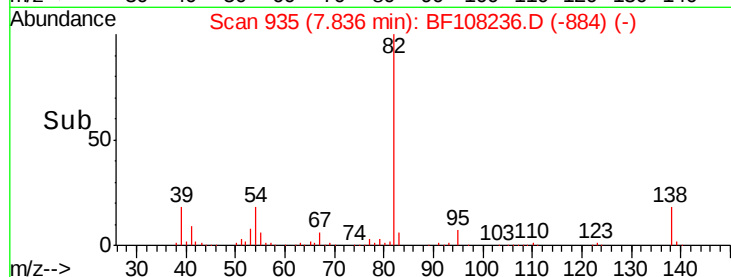
82 100

95 7.2 5.2 7.8

138 17.5 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: 48.987 ng

RT: 7.91 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF108236.D

Acq: 17 Aug 2018 11:52

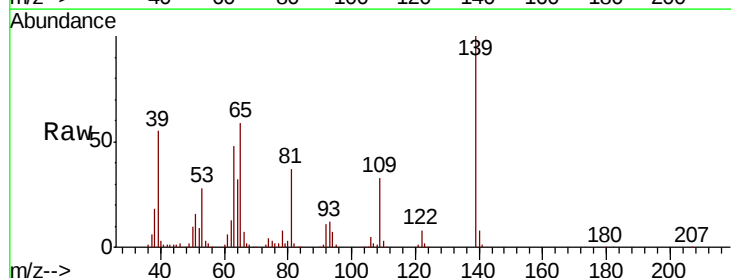
Tgt Ion: 139 Resp: 217321

Ion Ratio Lower Upper

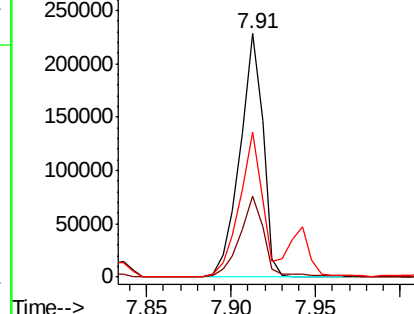
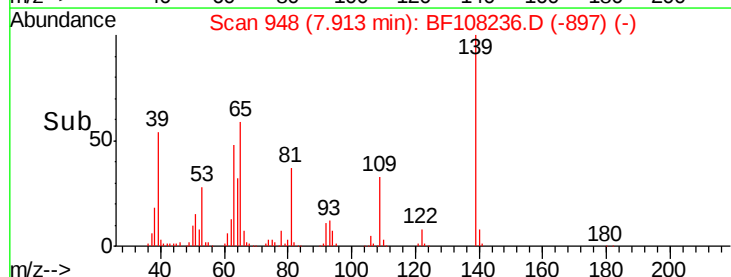
139 100

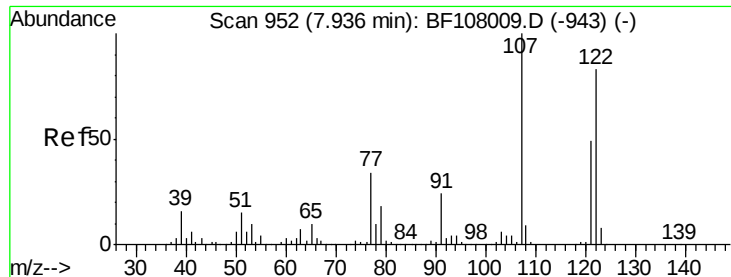
109 33.1 22.7 34.1

65 59.3 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

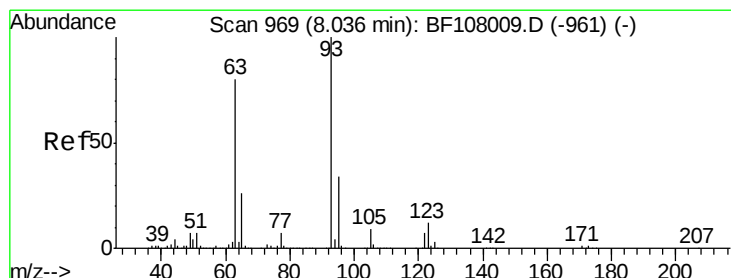
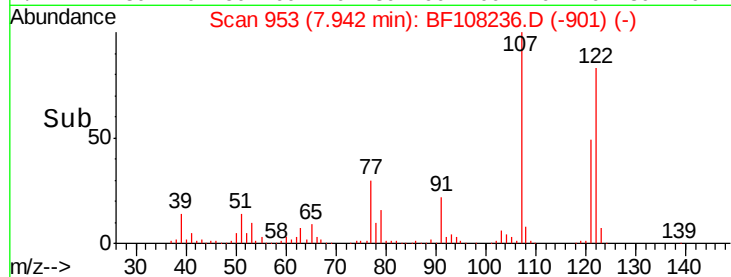
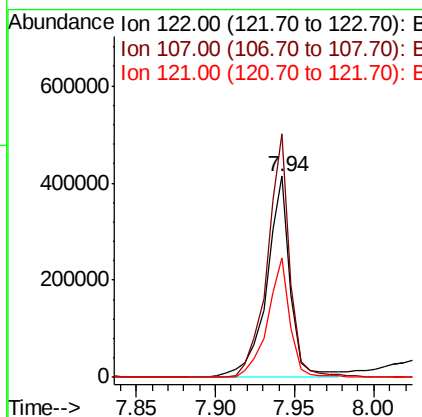
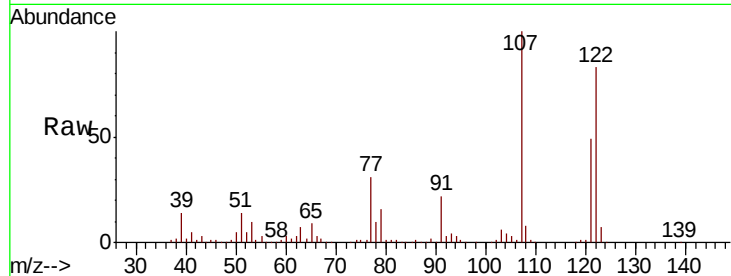




#27
 2,4-Dimethylphenol
 Concen: 44.248 ng
 RT: 7.94 min Scan# 953
 Delta R.T. 0.01 min
 Lab File: BF108236.D
 Acq: 17 Aug 2018 11:52

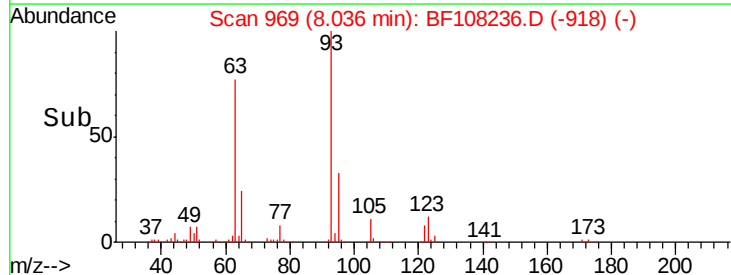
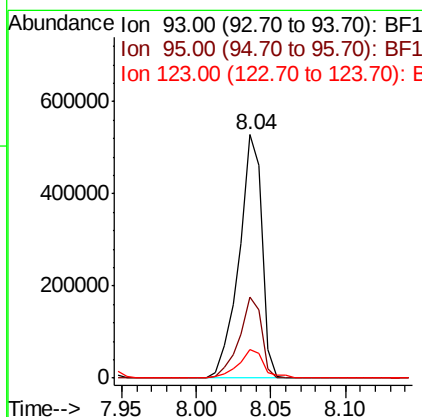
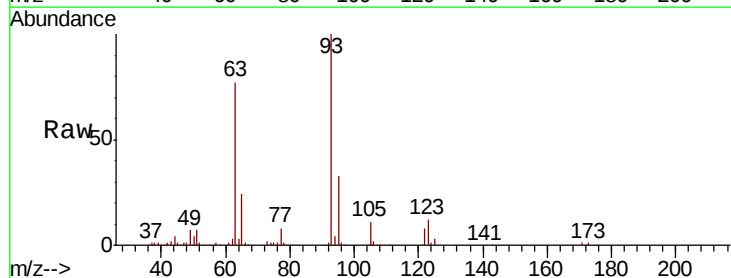
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 434844
 Ion Ratio Lower Upper
 122 100
 107 121.1 91.2 136.8
 121 59.7 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.641 ng
 RT: 8.04 min Scan# 969
 Delta R.T. -0.00 min
 Lab File: BF108236.D
 Acq: 17 Aug 2018 11:52

Tgt Ion: 93 Resp: 564115
 Ion Ratio Lower Upper
 93 100
 95 33.4 26.3 39.5
 123 11.6 9.8 14.6

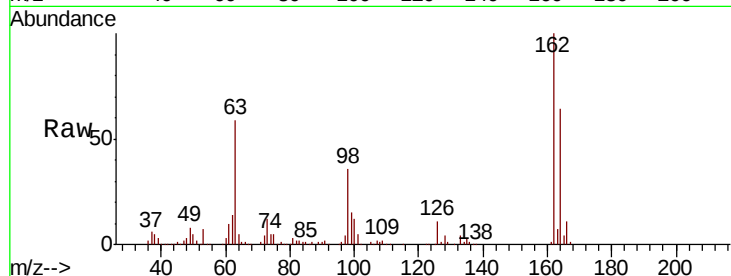




#29
2,4-Dichlorophenol
Concen: 45.822 ng
RT: 8.15 min Scan# 989
Delta R.T. 0.01 min
Lab File: BF108236.D
Acq: 17 Aug 2018 11:52

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	42.7	82.7
98	35.9	18.1	58.1

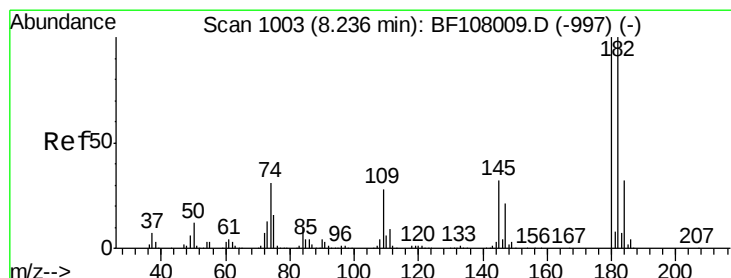
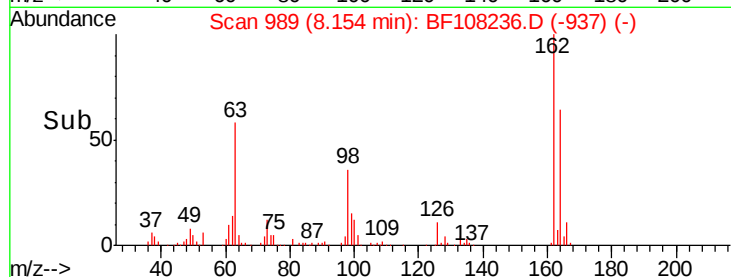
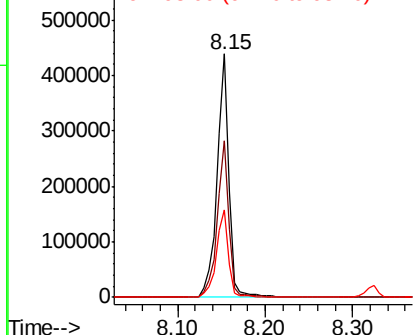


Abundance

Ion 162.00 (161.70 to 162.70): E

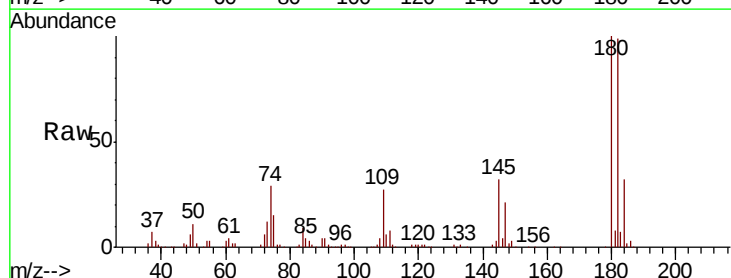
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 43.495 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BF108236.D
Acq: 17 Aug 2018 11:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.6	76.8	115.2
145	32.2	26.5	39.7

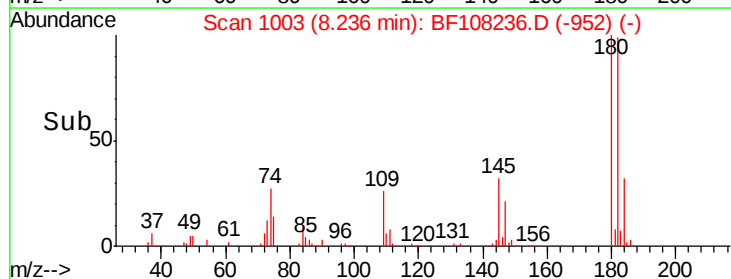
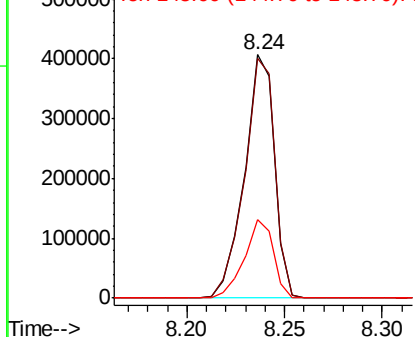


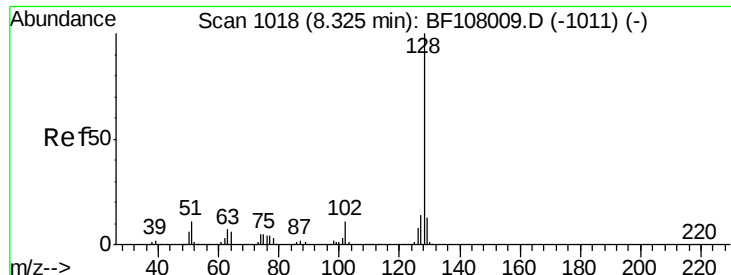
Abundance

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

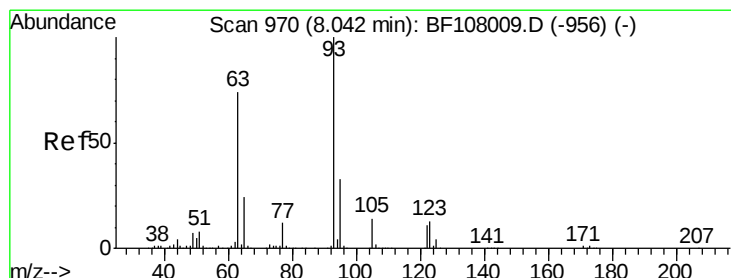
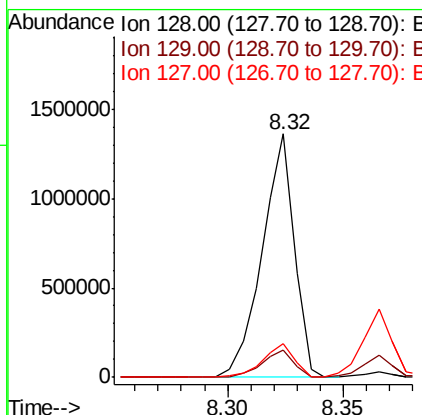
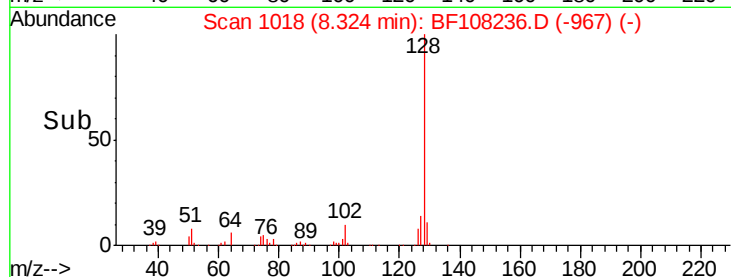
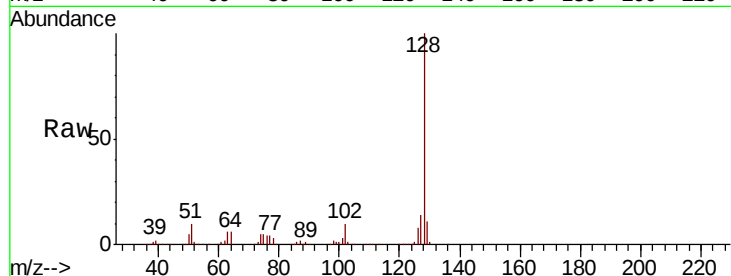




#31
Naphthalene
Concen: 44.892 ng
RT: 8.32 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF108236.D
Acq: 17 Aug 2018 11:52

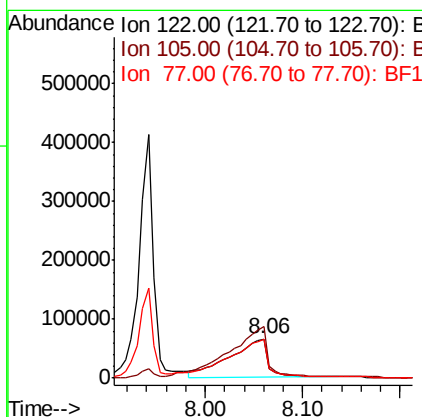
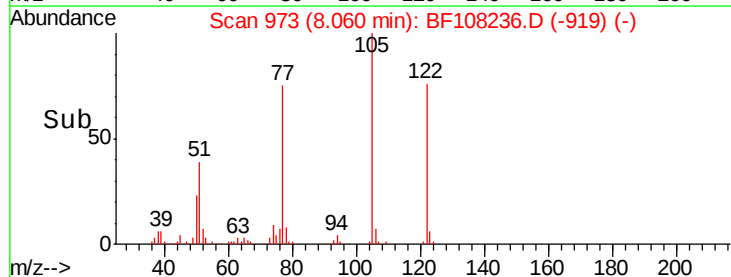
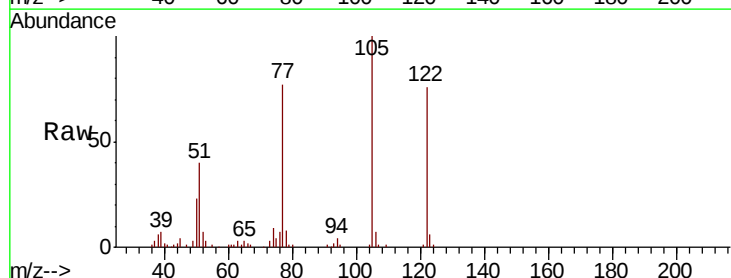
Instrument :
BNA_F
ClientSampleId :

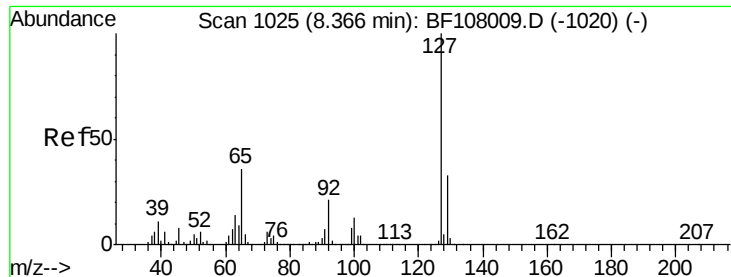
Tot Ion:128 Resp: 1323440
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.7 10.9 16.3



#32
Benzoic acid
Concen: 33.671 ng
RT: 8.06 min Scan# 973
Delta R.T. 0.02 min
Lab File: BF108236.D
Acq: 17 Aug 2018 11:52

Tgt Ion:122 Resp: 180401
Ion Ratio Lower Upper
122 100
105 131.3 101.1 141.1
77 100.6 70.7 110.7

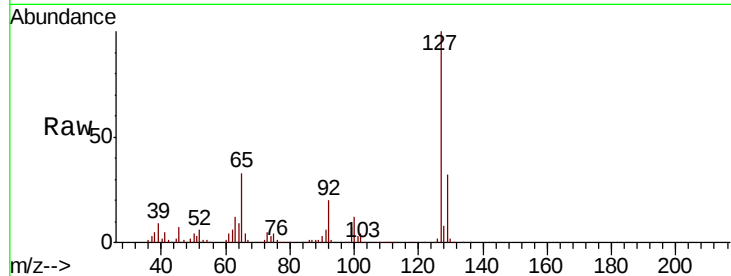




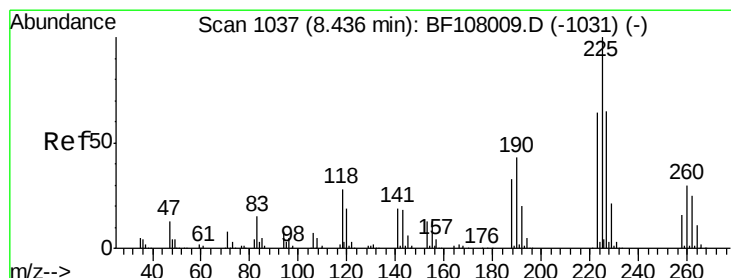
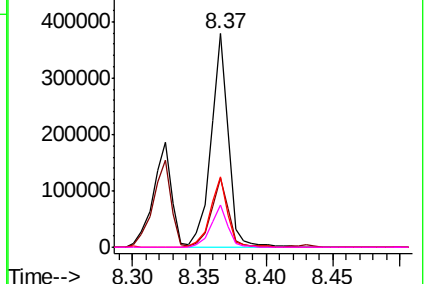
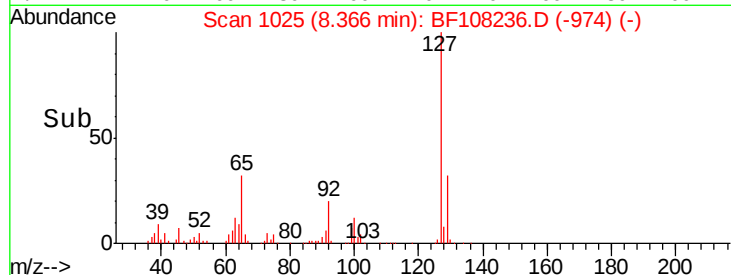
#33
4-Chloroaniline
Concen: 26.760 ng
RT: 8.37 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BF108236.D
Acq: 17 Aug 2018 11:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	343800
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.9	38.9
65	32.8	25.0	37.4
92	19.6	15.2	22.8

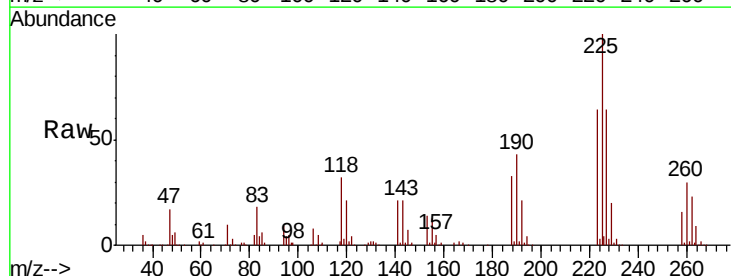


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

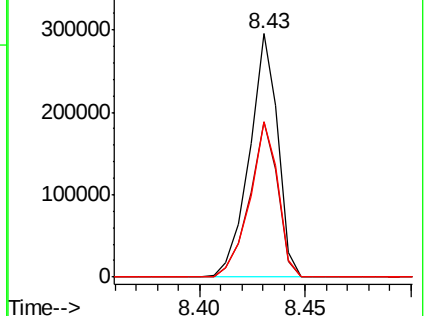
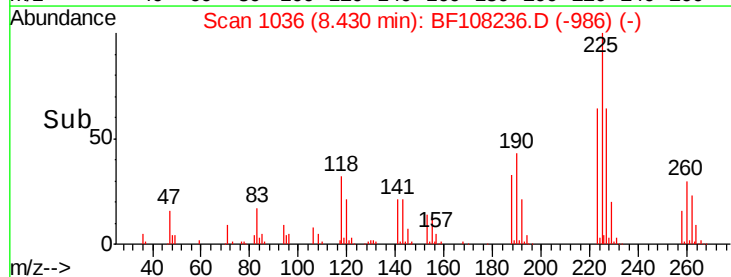


#34
Hexachlorobutadiene
Concen: 43.621 ng
RT: 8.43 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF108236.D
Acq: 17 Aug 2018 11:52

Tgt Ion:	225	Resp:	275345
Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.6	76.0
227	63.8	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: 27.140 ng

RT: 8.74 min Scan# 1088

Delta R.T. -0.01 min

Lab File: BF108236.D

Acq: 17 Aug 2018 11:52

Instrument :

BNA_F

ClientSampled :

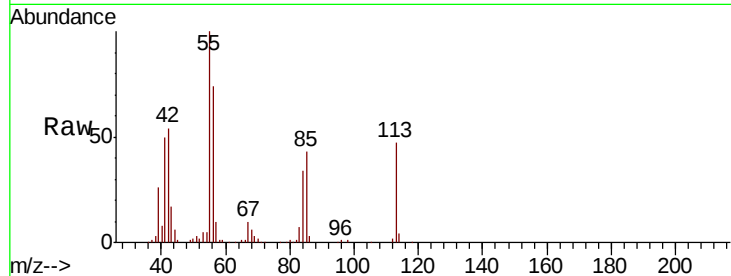
Tot Ion:113 Resp: 76919

Ion Ratio Lower Upper

113 100

55 211.4 163.3 203.3#

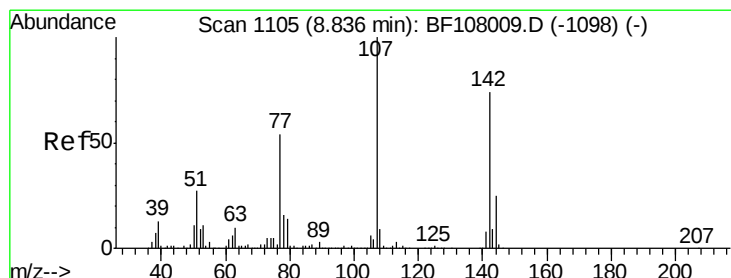
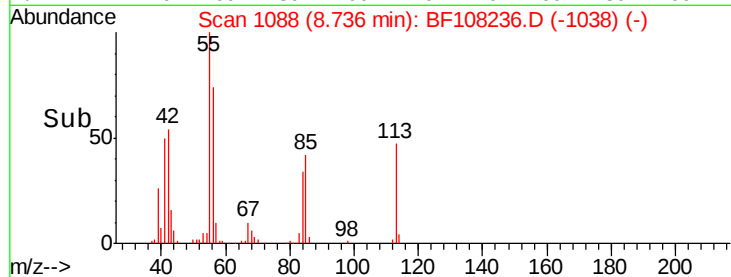
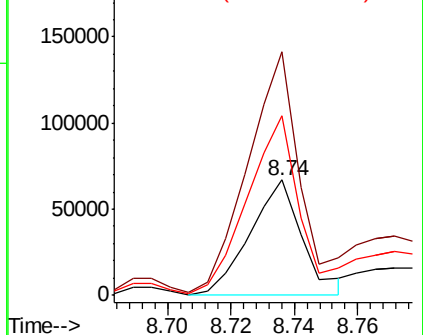
56 155.7 115.7 155.7



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: 43.933 ng

RT: 8.84 min Scan# 1106

Delta R.T. 0.01 min

Lab File: BF108236.D

Acq: 17 Aug 2018 11:52

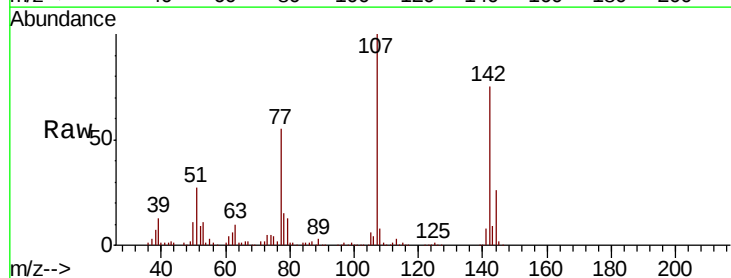
Tgt Ion:107 Resp: 428626

Ion Ratio Lower Upper

107 100

144 25.7 20.5 30.7

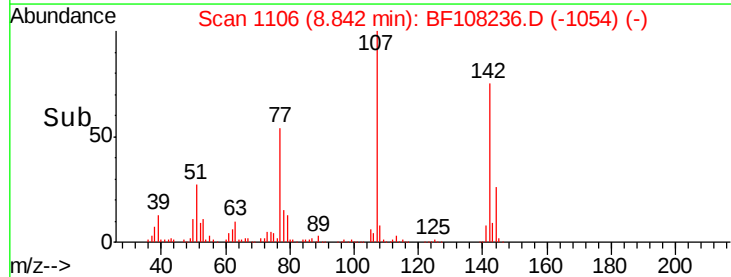
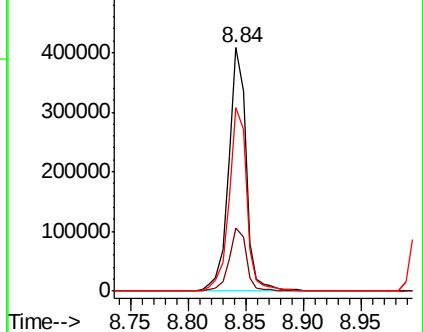
142 75.1 62.0 93.0

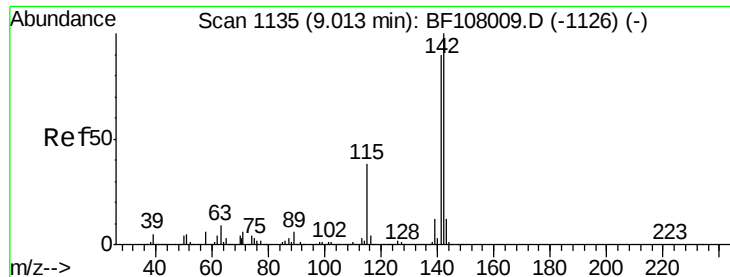


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

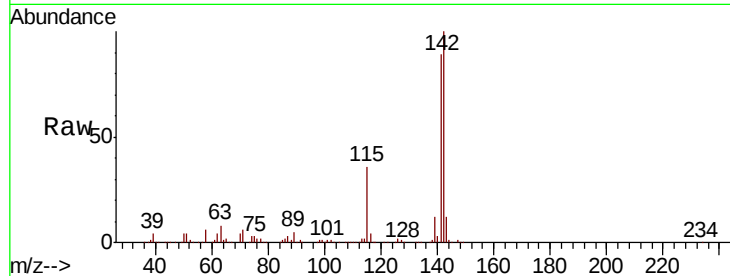




#37
2-Methylnaphthalene
Concen: 43.799 ng
RT: 9.01 min Scan# 1135
Delta R.T. -0.00 min
Lab File: BF108236.D
Acq: 17 Aug 2018 11:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.8	106.2
115	36.2	26.1	39.1

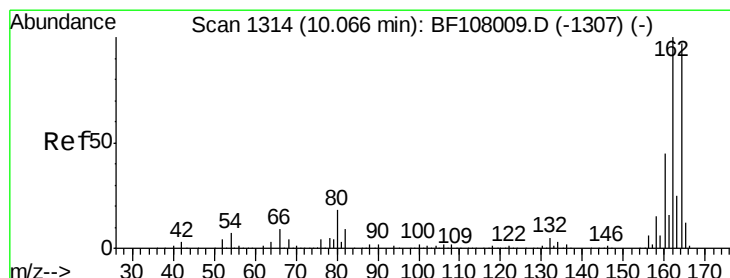
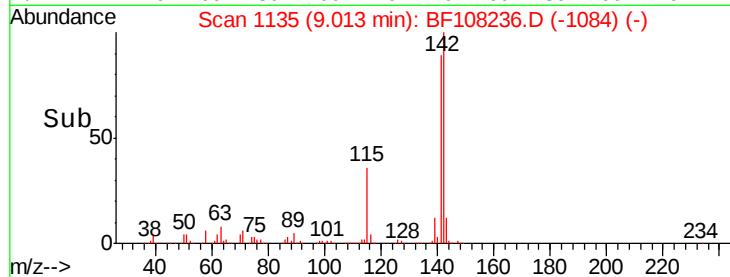
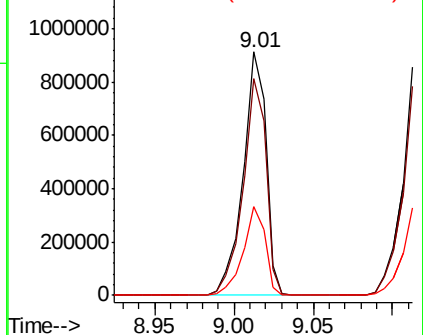


Abundance

Ion 142.00 (141.70 to 142.70): E

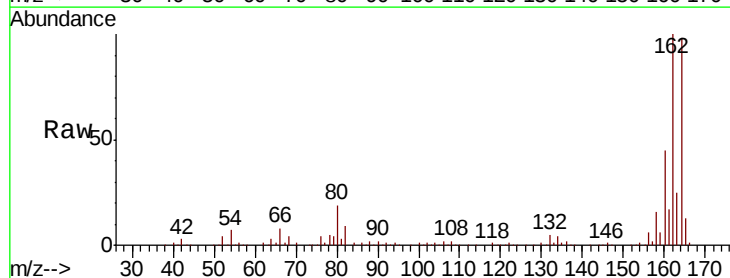
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.07 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BF108236.D
Acq: 17 Aug 2018 11:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	86.1	129.1
160	45.5	38.3	57.5

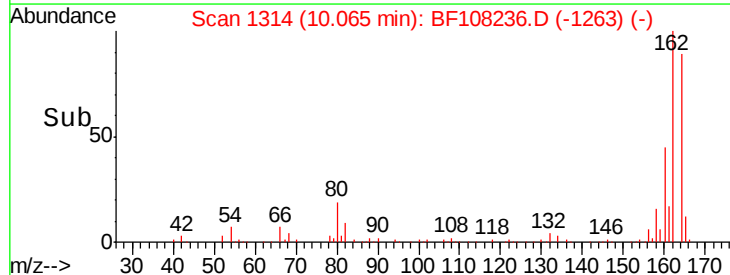
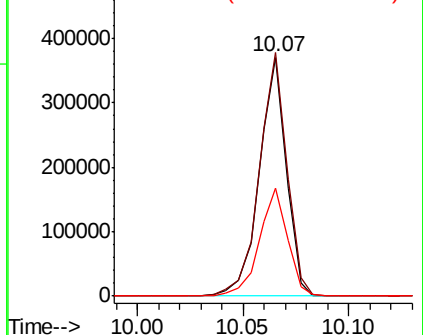


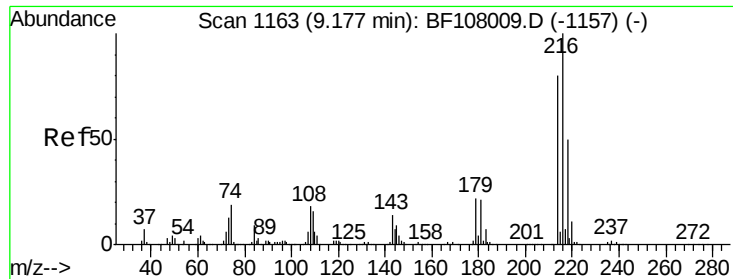
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

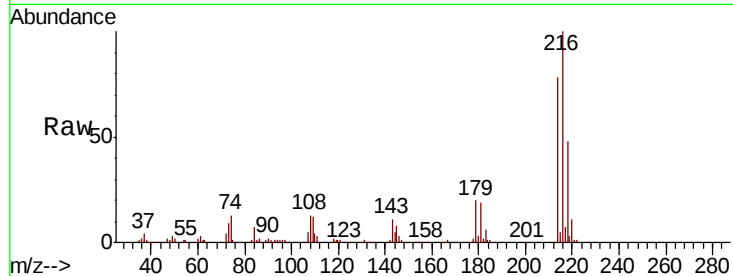




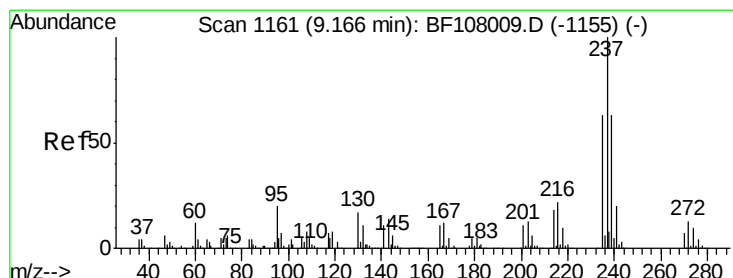
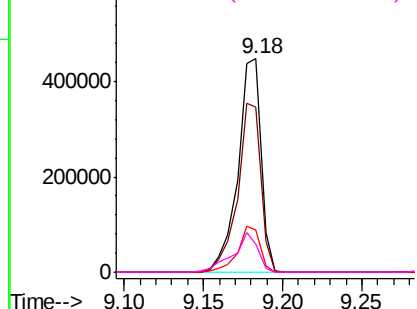
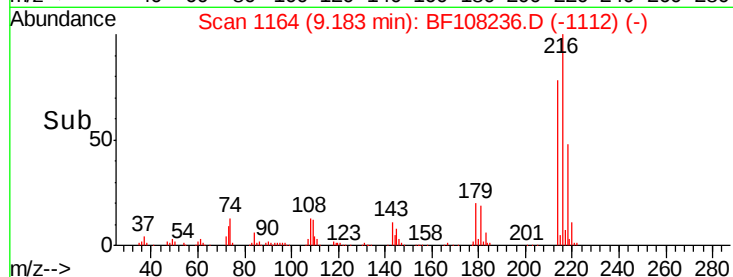
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.833 ng
 RT: 9.18 min Scan# 1164
 Delta R.T. 0.01 min
 Lab File: BF108236.D
 Acq: 17 Aug 2018 11:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	454333
Ion Ratio	Lower	Upper
216	100	
214	79.2	63.0 94.4
179	20.7	18.1 27.1
108	20.0	17.2 25.8

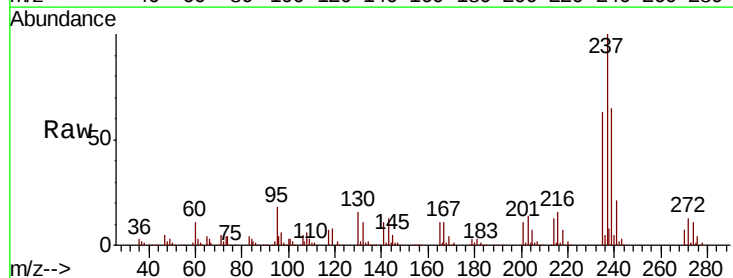


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

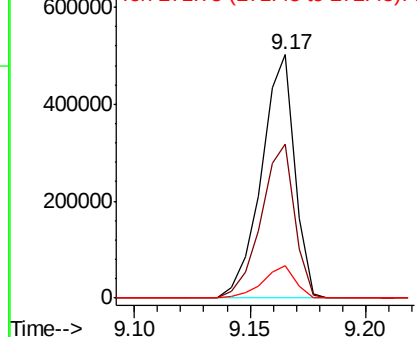
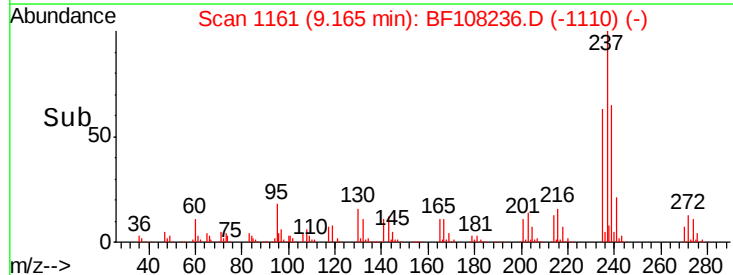


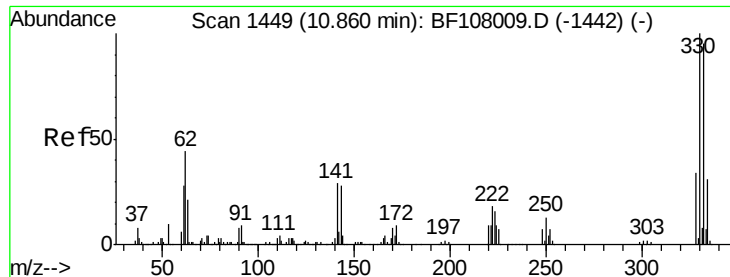
#40
 Hexachlorocyclopentadiene
 Concen: 77.185 ng
 RT: 9.17 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: BF108236.D
 Acq: 17 Aug 2018 11:52

Tgt Ion:237	Resp:	505226
Ion Ratio	Lower	Upper
237	100	
235	63.4	44.8 84.8
272	13.3	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

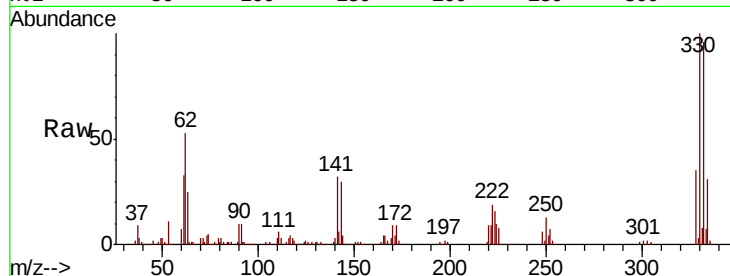




#41
 2,4,6-Tribromophenol
 Concen: 101.701 ng
 RT: 10.86 min Scan# 1449
 Delta R.T. -0.00 min
 Lab File: BF108236.D
 Acq: 17 Aug 2018 11:52

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	32.2	29.9	44.9

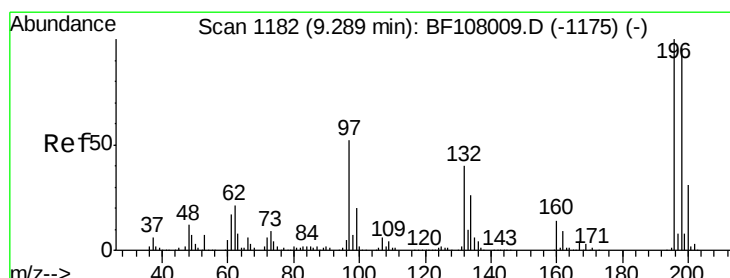
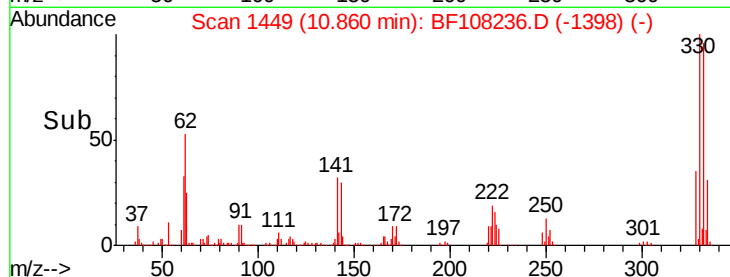
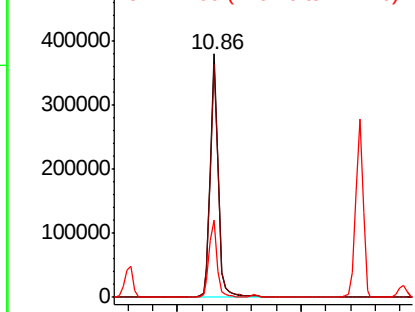


Abundance

Ion 329.80 (329.50 to 330.50): E

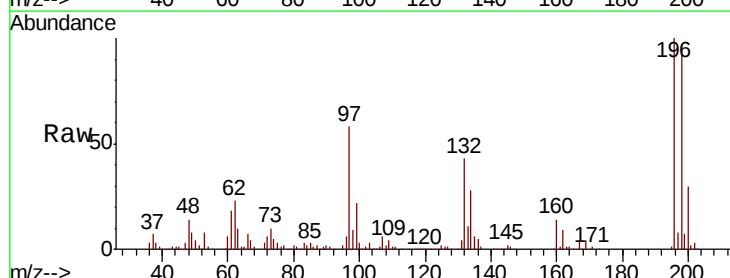
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 46.782 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BF108236.D
 Acq: 17 Aug 2018 11:52

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.6	75.7	113.5
200	30.1	24.5	36.7

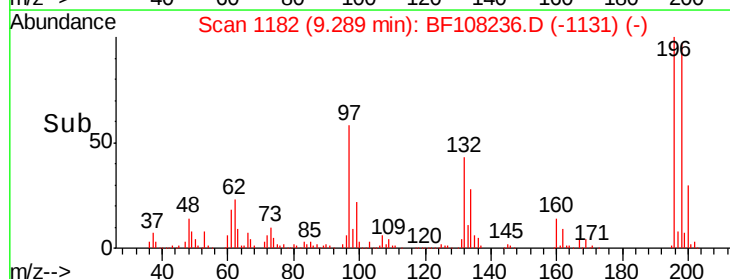
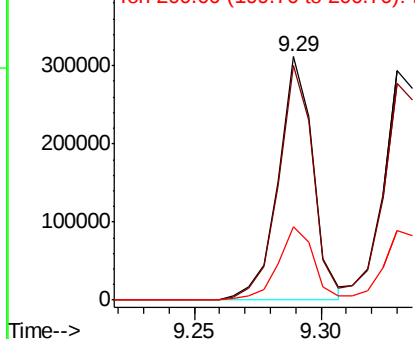


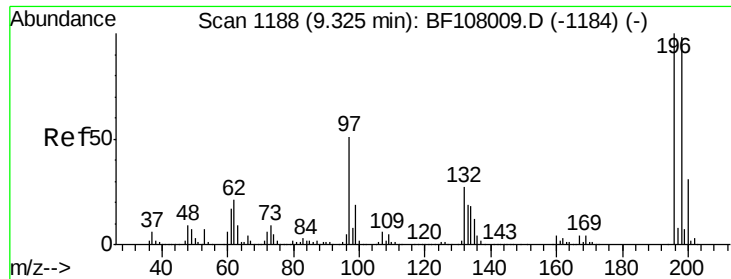
Abundance

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

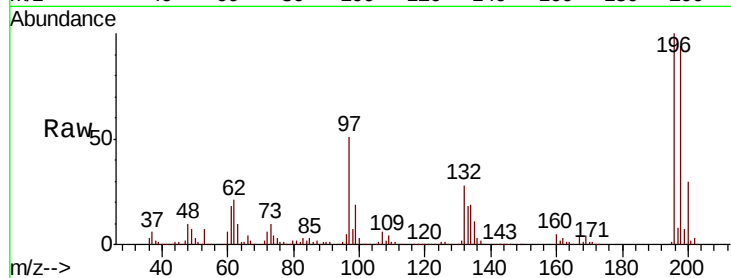




#43
 2,4,5-Trichlorophenol
 Concen: 48.396 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF108236.D
 Acq: 17 Aug 2018 11:52

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.3	74.6	112.0
97	51.0	42.9	64.3
132	28.0	26.3	39.5



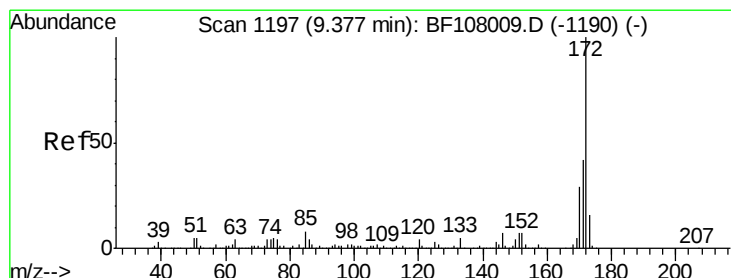
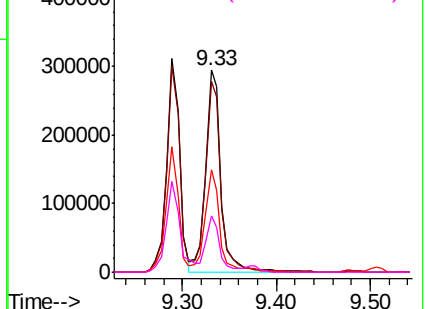
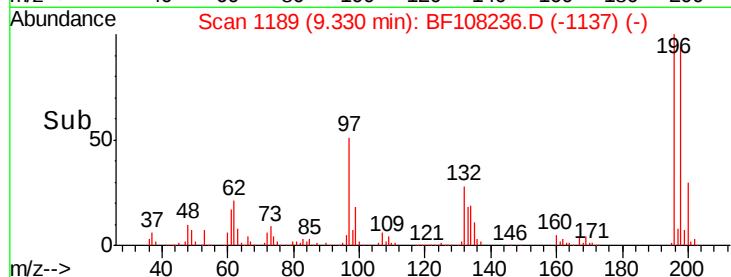
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

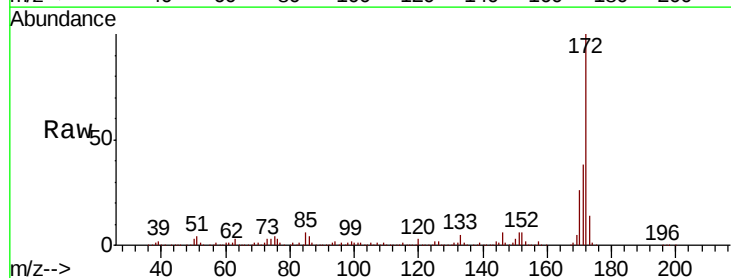
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 87.575 ng
 RT: 9.38 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BF108236.D
 Acq: 17 Aug 2018 11:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.7	44.5
170	25.7	19.6	29.4

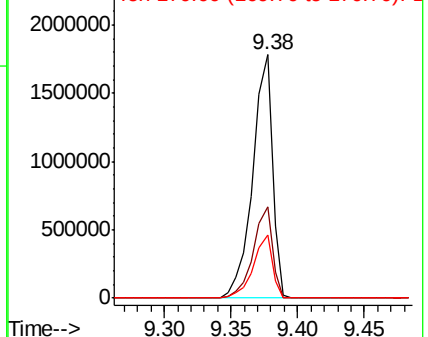
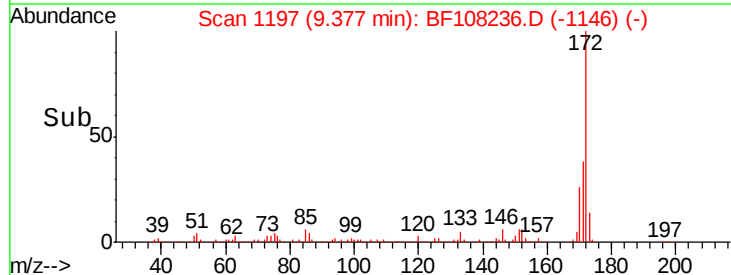


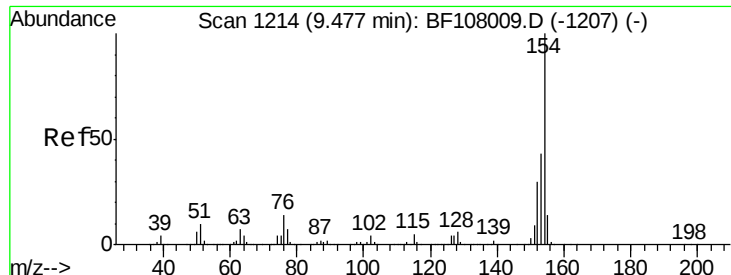
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

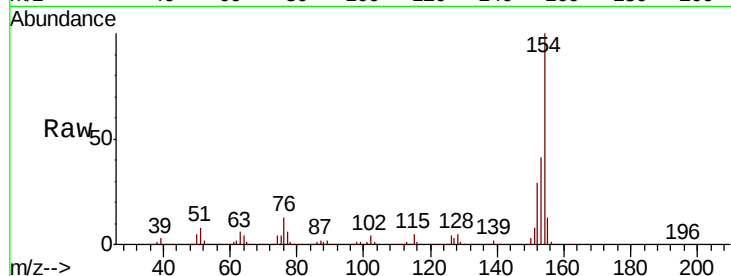




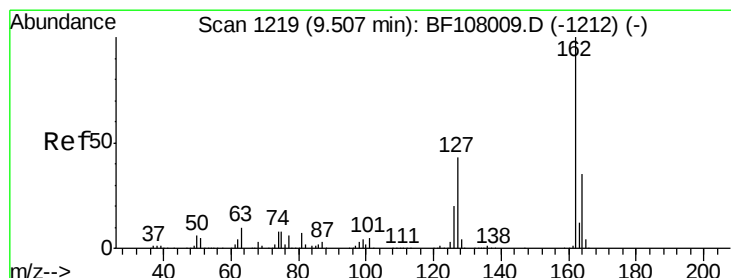
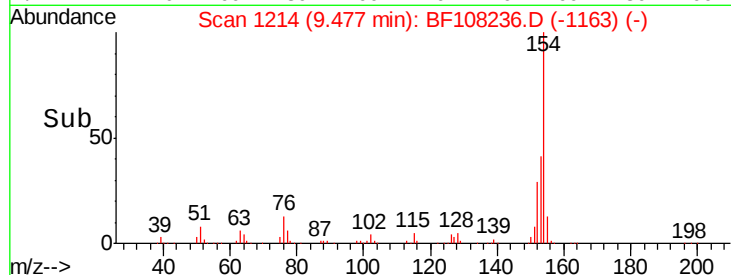
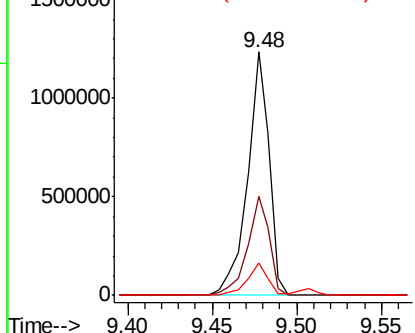
#45
 1,1'-Biphenyl
 Concen: 45.407 ng
 RT: 9.48 min Scan# 1214
 Delta R.T. -0.00 min
 Lab File: BF108236.D
 Acq: 17 Aug 2018 11:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1104781
 Ion Ratio Lower Upper
 154 100
 153 40.7 21.3 61.3
 76 13.2 0.0 34.0

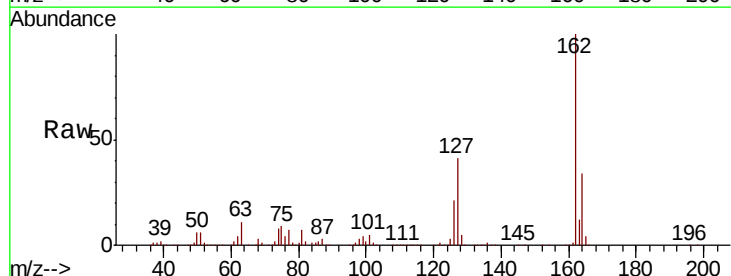


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

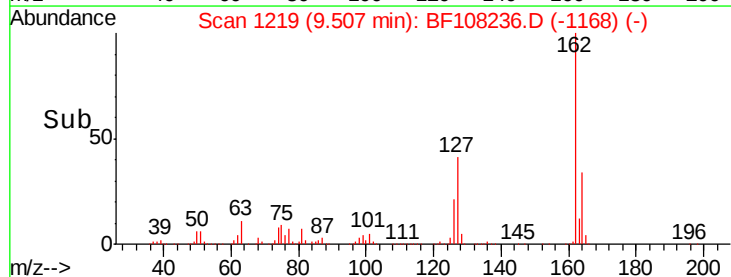
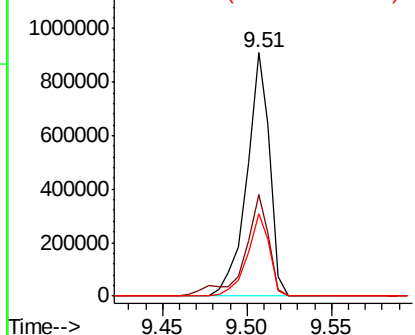


#46
 2-Chloronaphthalene
 Concen: 44.526 ng
 RT: 9.51 min Scan# 1219
 Delta R.T. -0.00 min
 Lab File: BF108236.D
 Acq: 17 Aug 2018 11:52

Tgt Ion:162 Resp: 856246
 Ion Ratio Lower Upper
 162 100
 127 41.5 33.9 50.9
 164 33.7 26.5 39.7



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

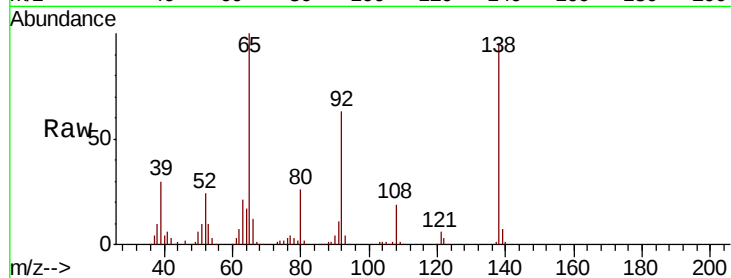




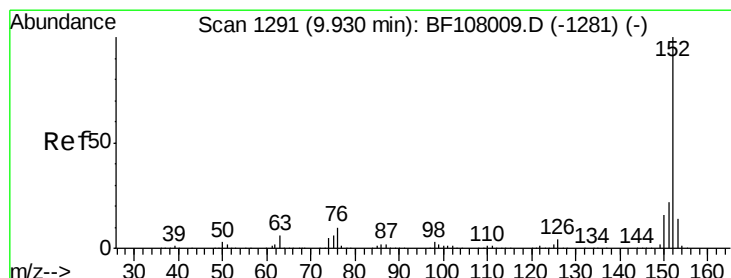
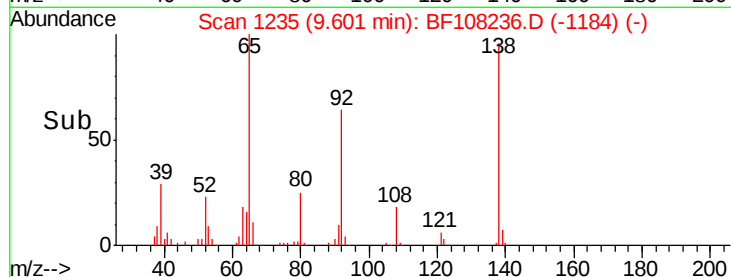
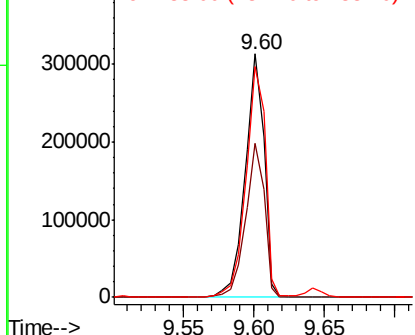
#47
2-Nitroaniline
Concen: 47.128 ng
RT: 9.60 min Scan# 1235
Delta R.T. -0.00 min
Lab File: BF108236.D
Acq: 17 Aug 2018 11:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 293240
Ion Ratio Lower Upper
65 100
92 63.4 55.8 83.6
138 95.0 91.2 136.8

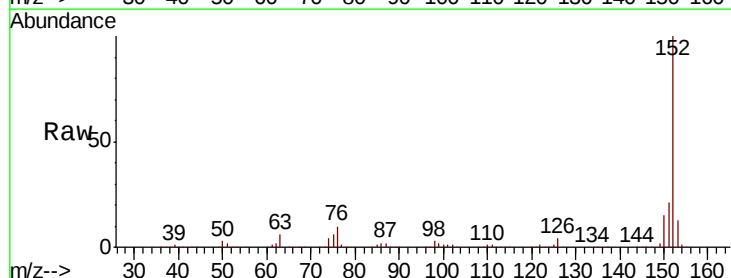


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

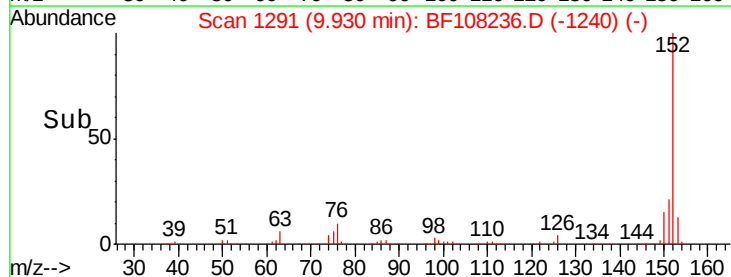
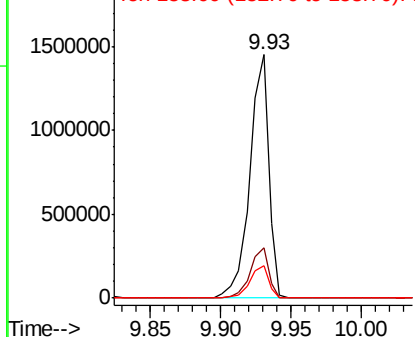


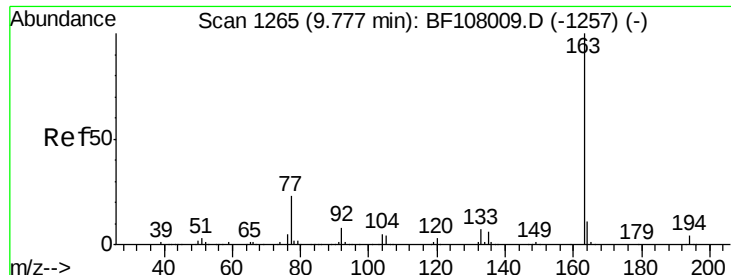
#48
Acenaphthylene
Concen: 45.130 ng
RT: 9.93 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BF108236.D
Acq: 17 Aug 2018 11:52

Tgt Ion: 152 Resp: 1372015
Ion Ratio Lower Upper
152 100
151 20.8 16.3 24.5
153 13.3 10.7 16.1



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

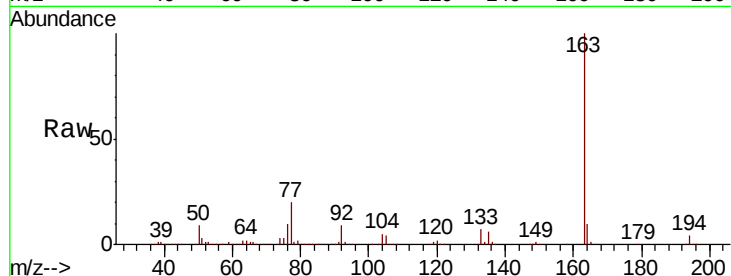




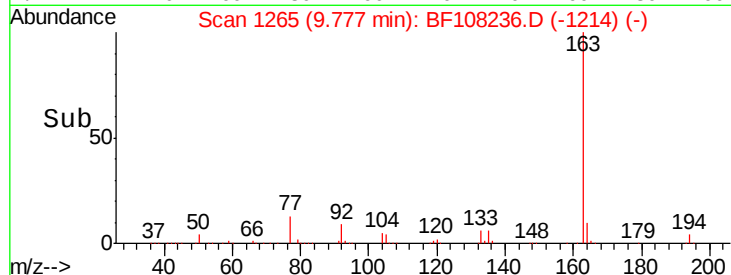
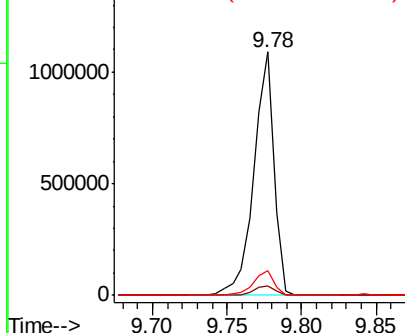
#49
Dimethylphthalate
Concen: 43.908 ng
RT: 9.78 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BF108236.D
Acq: 17 Aug 2018 11:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 1009333
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1#
164 10.1 8.2 12.2

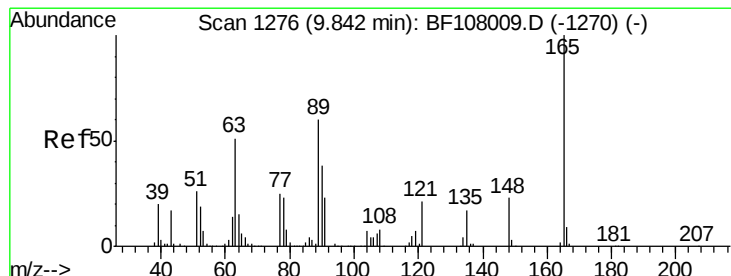


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

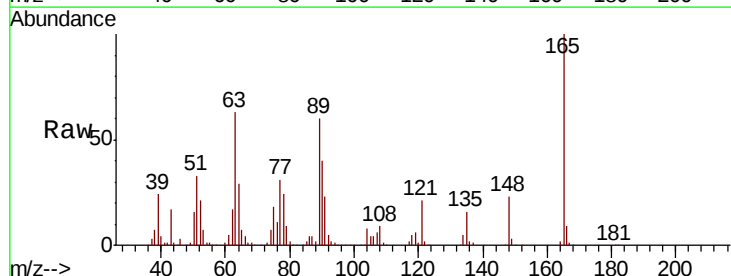
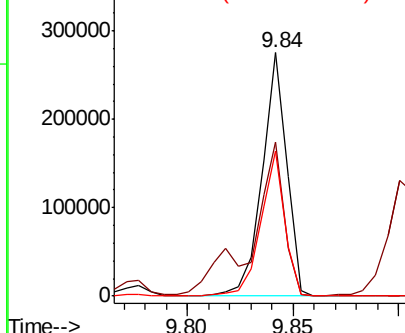


#50
2,6-Dinitrotoluene
Concen: 46.472 ng
RT: 9.84 min Scan# 1276
Delta R.T. -0.00 min
Lab File: BF108236.D
Acq: 17 Aug 2018 11:52

Tgt Ion:165 Resp: 223503
Ion Ratio Lower Upper
165 100
63 63.5 44.7 67.1
89 59.6 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: 47.301 ng

RT: 10.10 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BF108236.D

Acq: 17 Aug 2018 11:52

Instrument :

BNA_F

ClientSampleId :

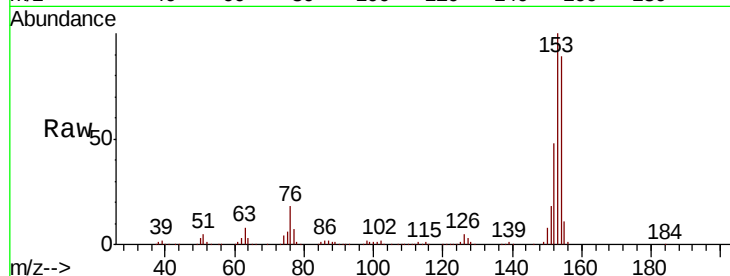
Tot Ion:154 Resp: 880781

Ion Ratio Lower Upper

154 100

153 113.0 91.2 136.8

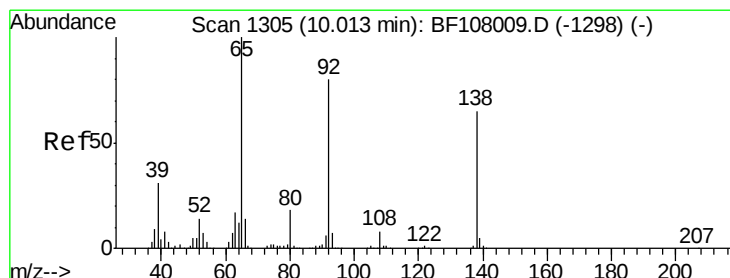
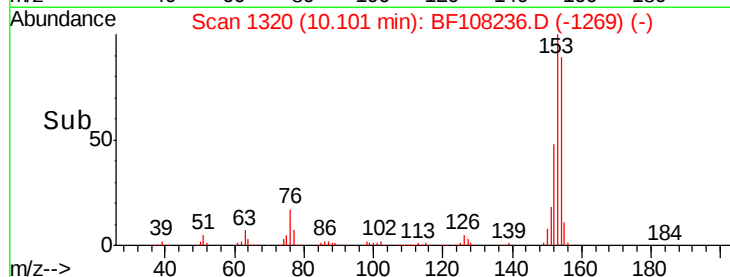
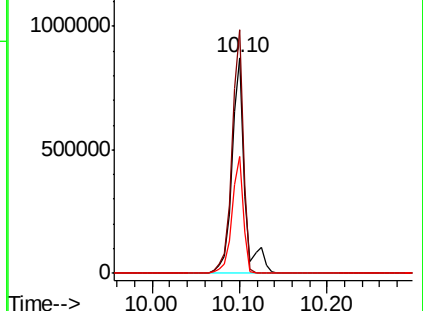
152 54.5 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 33.316 ng

RT: 10.01 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BF108236.D

Acq: 17 Aug 2018 11:52

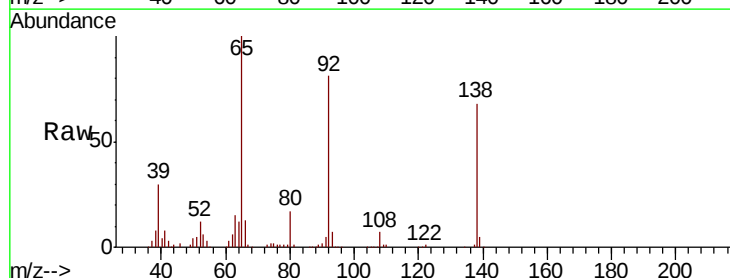
Tgt Ion:138 Resp: 175311

Ion Ratio Lower Upper

138 100

108 10.5 9.4 14.0

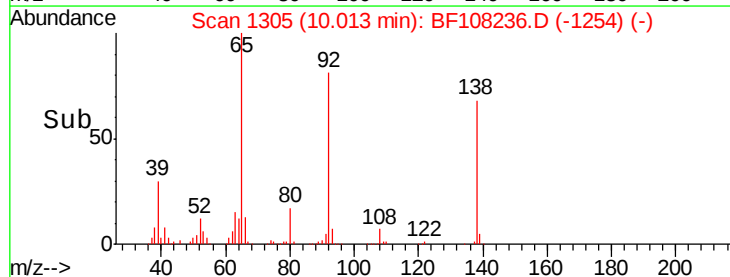
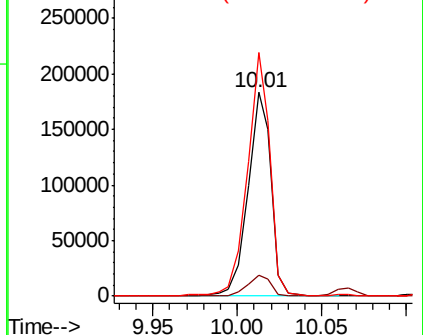
92 119.5 89.4 134.2

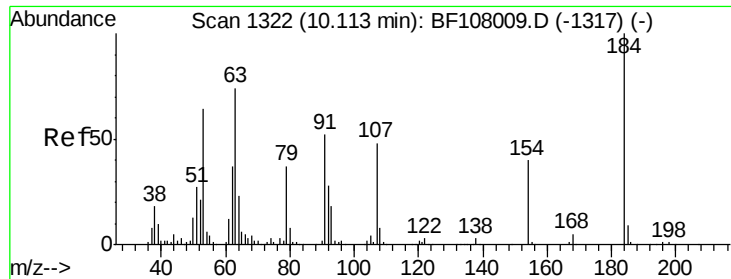


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

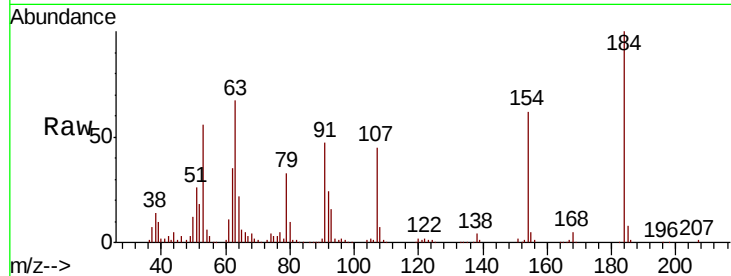




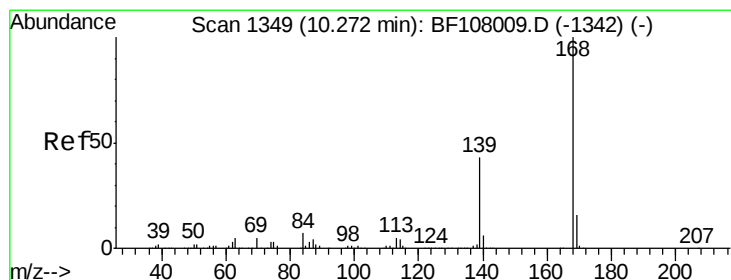
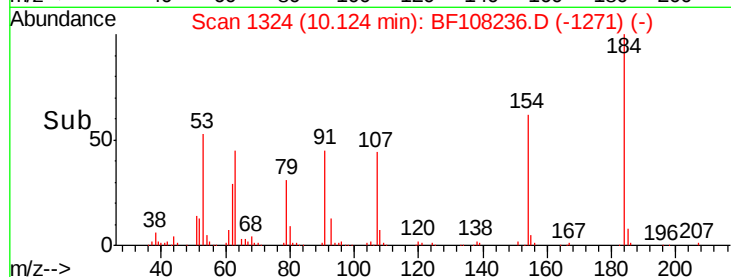
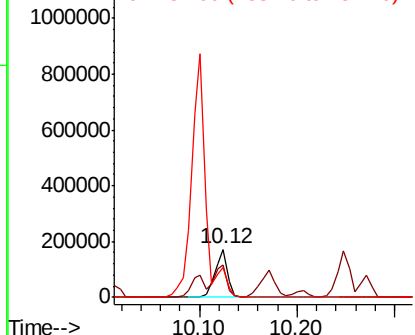
#53
2,4-Dinitrophenol
Concen: 84.316 ng
RT: 10.12 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF108236.D
Acq: 17 Aug 2018 11:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 152506
Ion Ratio Lower Upper
184 100
63 67.2 54.2 81.2
154 61.9 184.0 276.0#

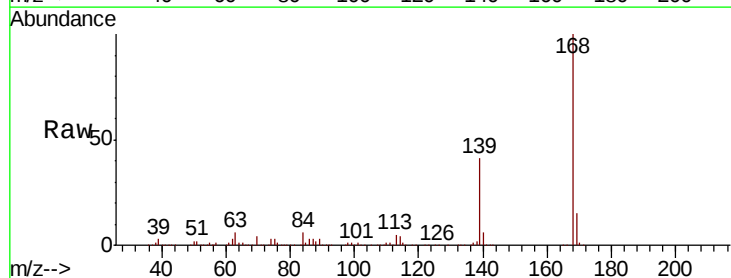


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

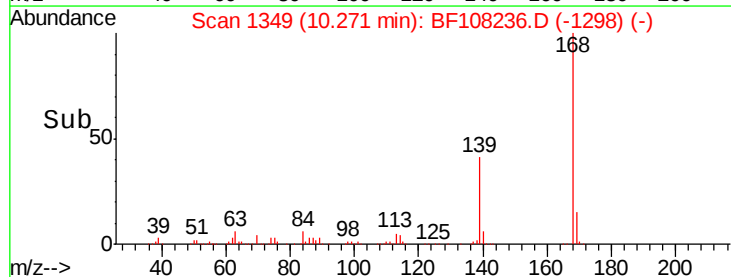
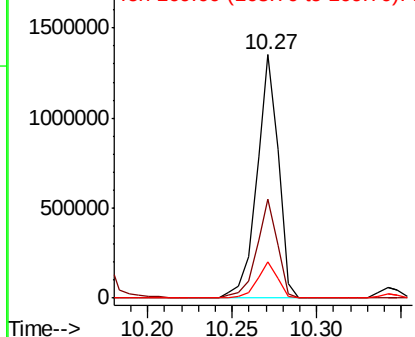


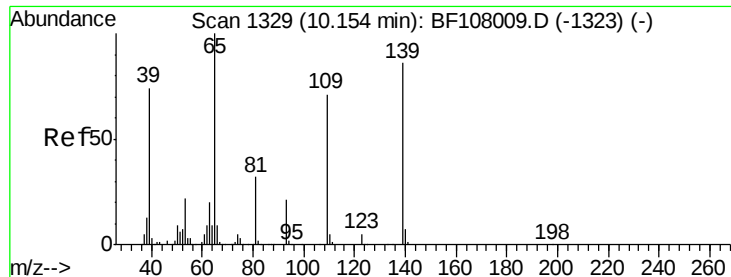
#54
Dibenzofuran
Concen: 44.283 ng
RT: 10.27 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BF108236.D
Acq: 17 Aug 2018 11:52

Tgt Ion:168 Resp: 1194630
Ion Ratio Lower Upper
168 100
139 40.7 30.1 45.1
169 15.1 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

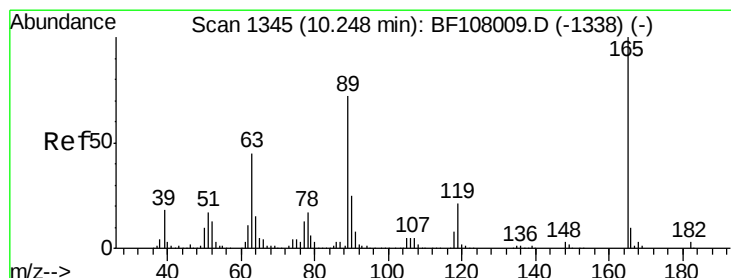
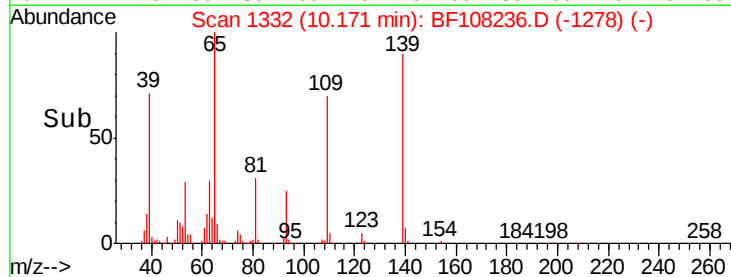
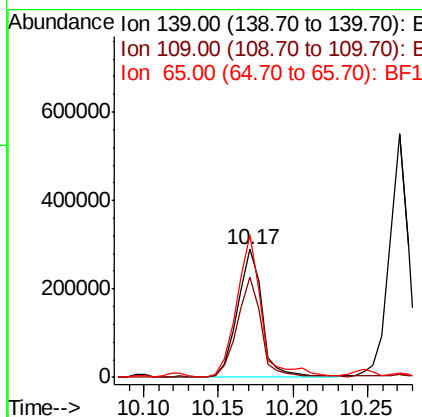
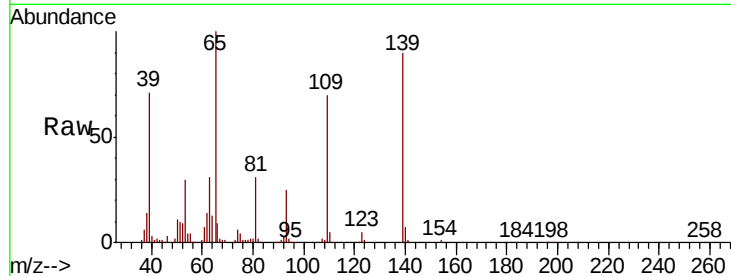




#55
4-Nitrophenol
Concen: 84.359 ng
RT: 10.17 min Scan# 1332
Delta R.T. 0.02 min
Lab File: BF108236.D
Acq: 17 Aug 2018 11:52

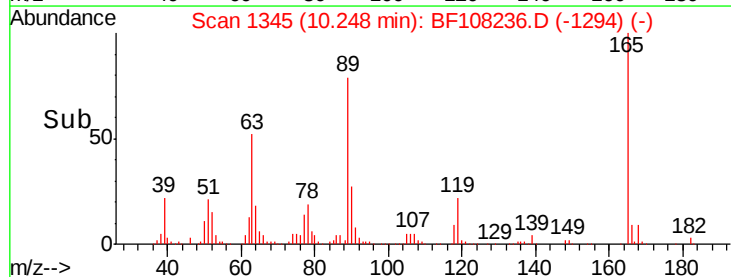
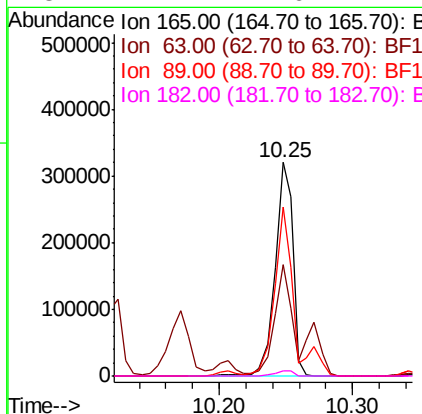
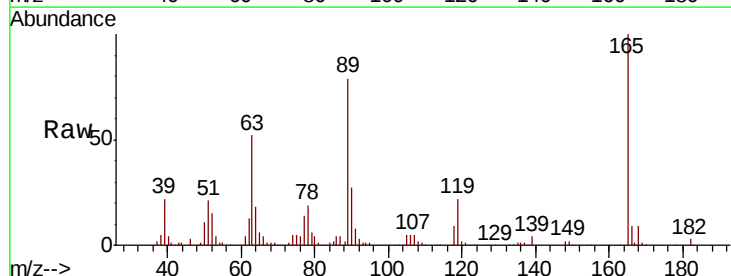
Instrument :
BNA_F
ClientSampled :

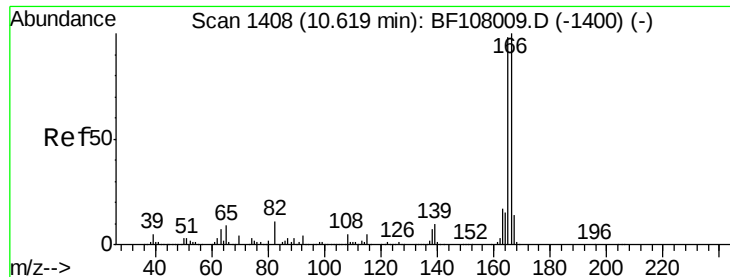
Tot Ion:139 Resp: 336144
Ion Ratio Lower Upper
139 100
109 78.0 48.4 88.4
65 111.2 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 48.307 ng
RT: 10.25 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BF108236.D
Acq: 17 Aug 2018 11:52

Tgt Ion:165 Resp: 299047
Ion Ratio Lower Upper
165 100
63 52.1 36.4 54.6
89 79.1 57.8 86.6
182 2.7 1.6 2.4#





#57

Fluorene

Concen: 44.199 ng

RT: 10.62 min Scan# 1408

Delta R.T. -0.00 min

Lab File: BF108236.D

Acq: 17 Aug 2018 11:52

Instrument :

BNA_F

ClientSampled :

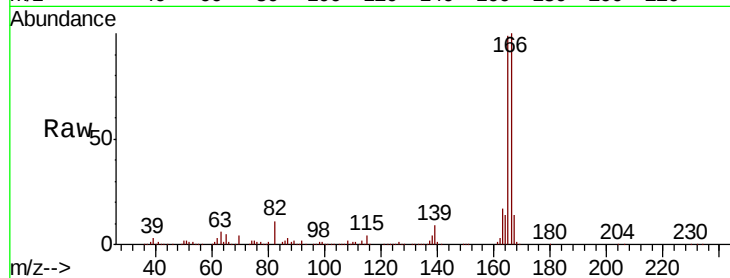
Tot Ion:166 Resp: 943900

Ion Ratio Lower Upper

166 100

165 98.9 79.8 119.8

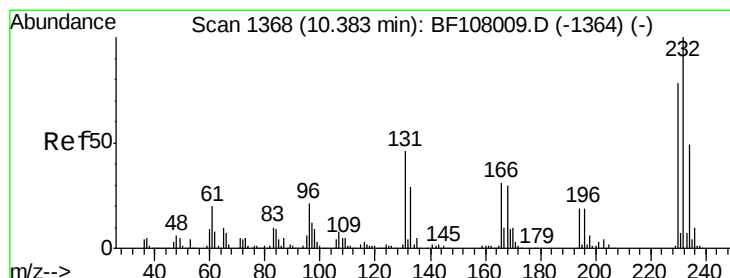
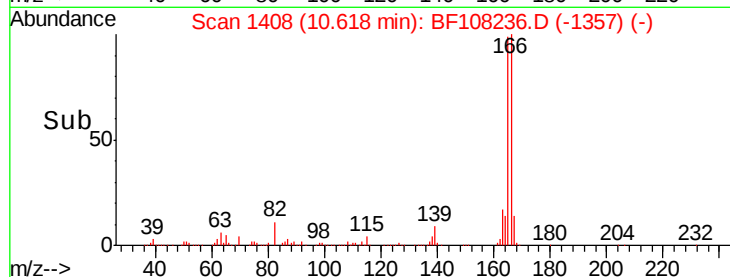
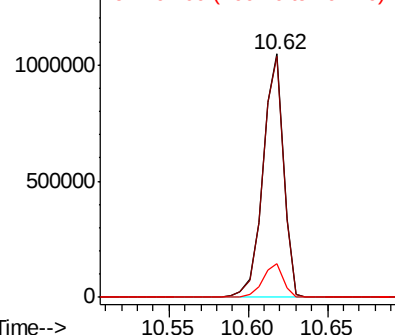
167 13.7 10.6 16.0



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: 48.133 ng

RT: 10.39 min Scan# 1369

Delta R.T. 0.01 min

Lab File: BF108236.D

Acq: 17 Aug 2018 11:52

Tgt Ion:232 Resp: 278501

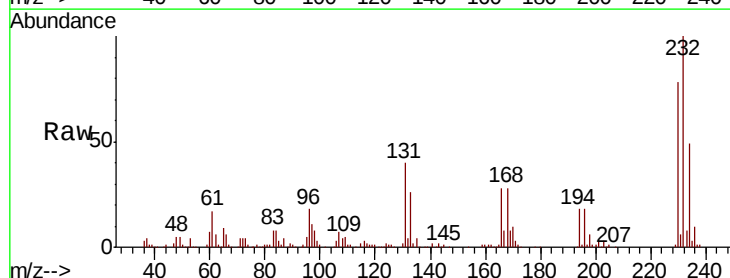
Ion Ratio Lower Upper

232 100

131 41.6 43.8 65.8#

130 2.2 2.1 3.1

166 28.1 27.8 41.6

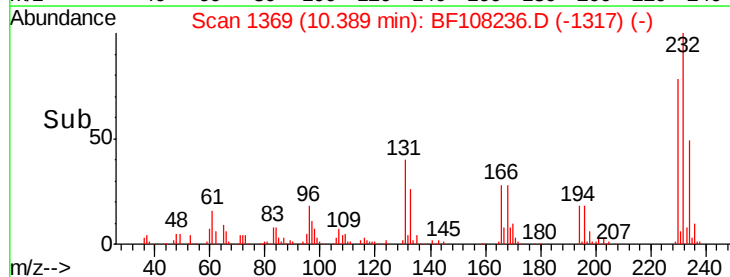
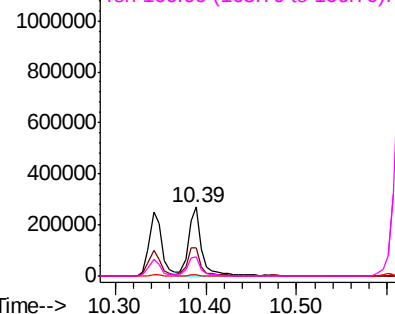


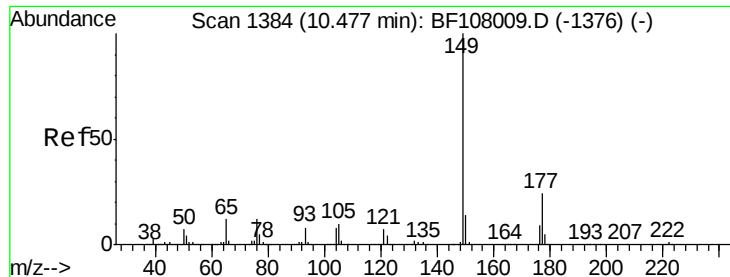
Abundance Ion 232.00 (231.70 to 232.70): E

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

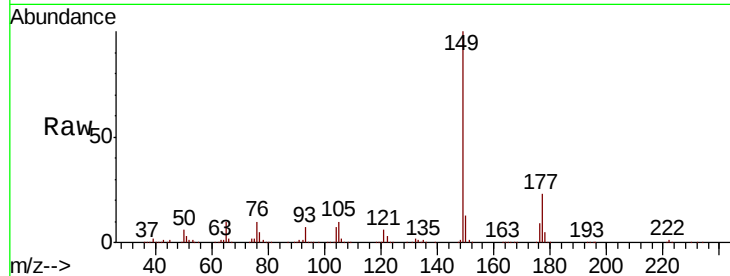




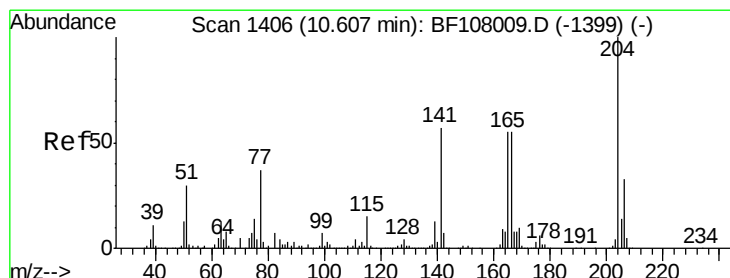
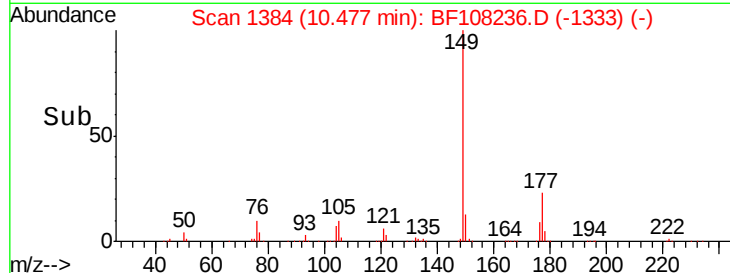
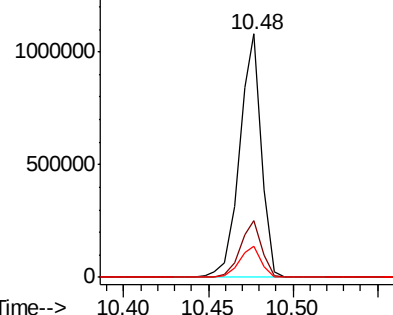
#59
Diethylphthalate
Concen: 43.706 ng
RT: 10.48 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BF108236.D
Acq: 17 Aug 2018 11:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 972862
Ion Ratio Lower Upper
149 100
177 23.3 16.1 24.1
150 12.9 10.1 15.1

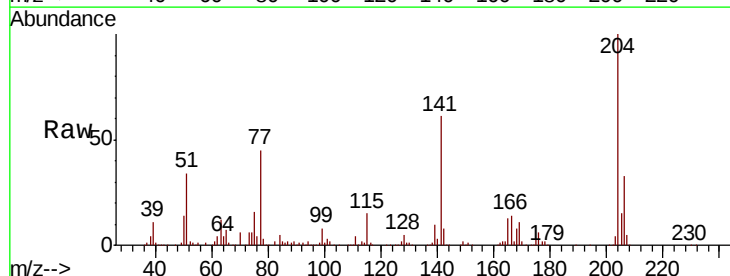


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

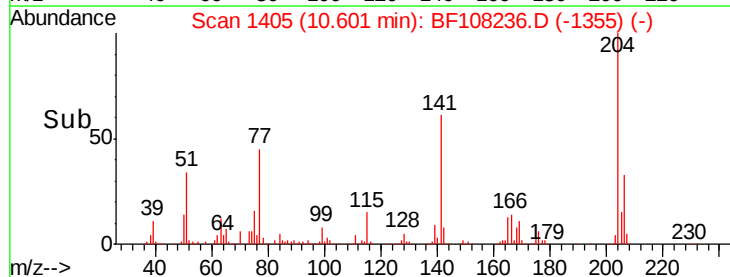
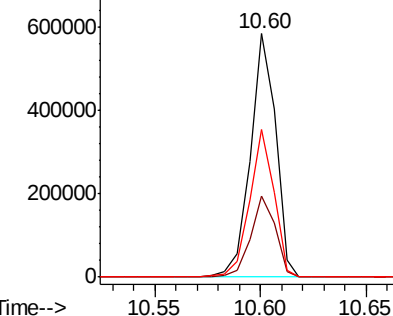


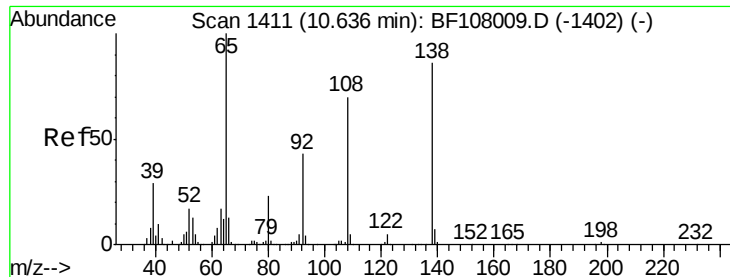
#60
4-Chlorophenyl-phenylether
Concen: 43.742 ng
RT: 10.60 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF108236.D
Acq: 17 Aug 2018 11:52

Tgt Ion:204 Resp: 486758
Ion Ratio Lower Upper
204 100
206 33.3 26.5 39.7
141 60.6 54.6 81.8



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

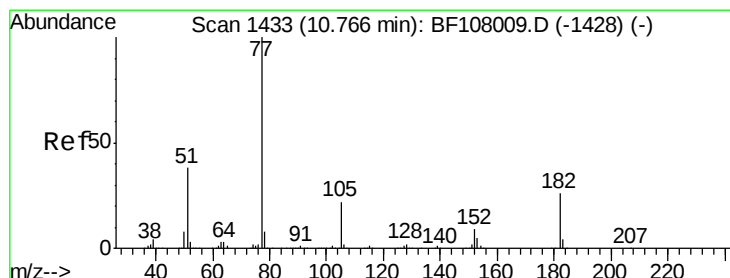
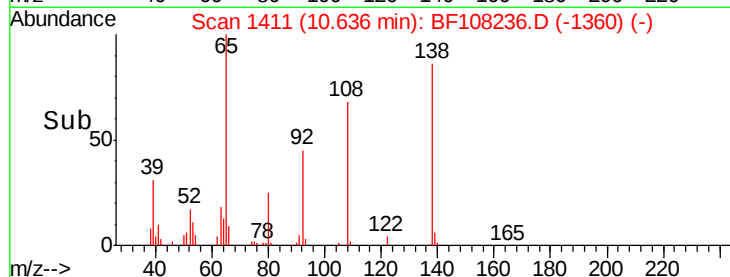
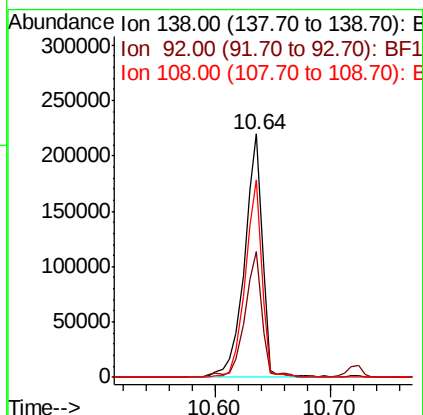
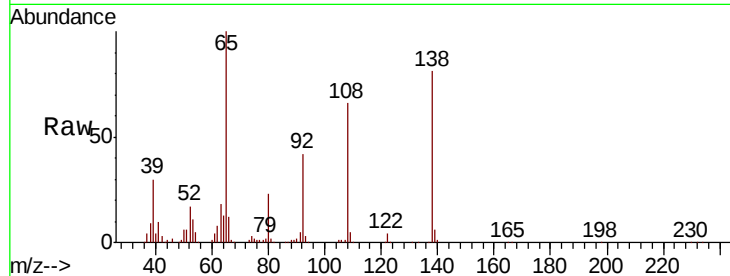




#61
4-Nitroaniline
Concen: 45.244 ng
RT: 10.64 min Scan# 1411
Delta R.T. -0.00 min
Lab File: BF108236.D
Acq: 17 Aug 2018 11:52

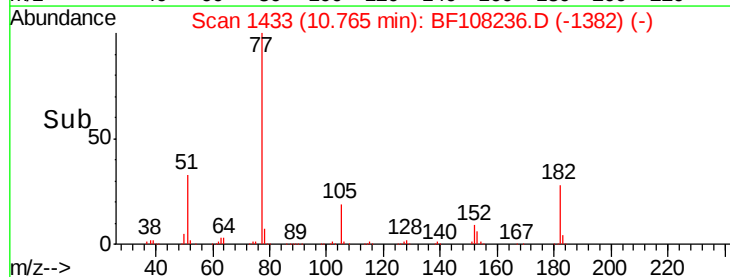
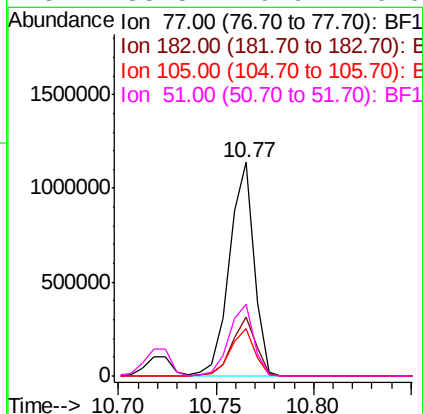
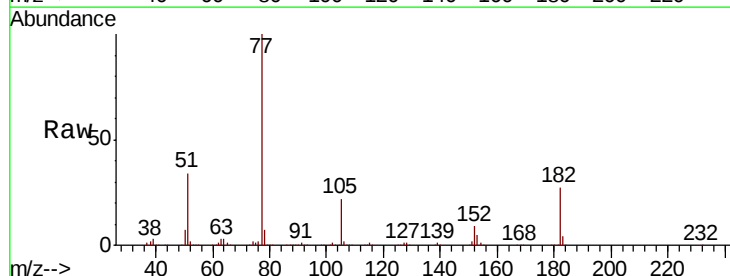
Instrument :
BNA_F
ClientSampled :

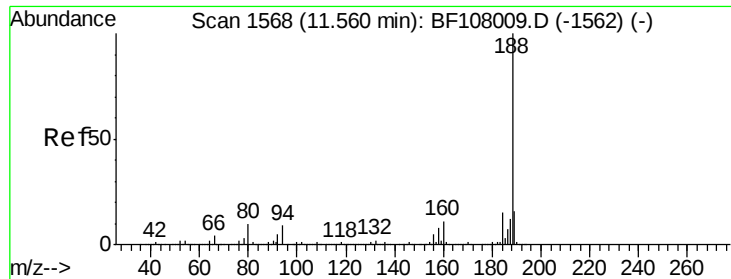
Tot Ion:138 Resp: 235383
Ion Ratio Lower Upper
138 100
92 51.9 30.2 70.2
108 81.3 52.5 92.5



#62
Azobenzene
Concen: 43.207 ng
RT: 10.77 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BF108236.D
Acq: 17 Aug 2018 11:52

Tgt Ion: 77 Resp: 993226
Ion Ratio Lower Upper
77 100
182 27.3 1.7 41.7
105 22.0 3.0 43.0
51 33.8 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.56 min Scan# 1568

Delta R.T. -0.00 min

Lab File: BF108236.D

Acq: 17 Aug 2018 11:52

Instrument :

BNA_F

ClientSampleId :

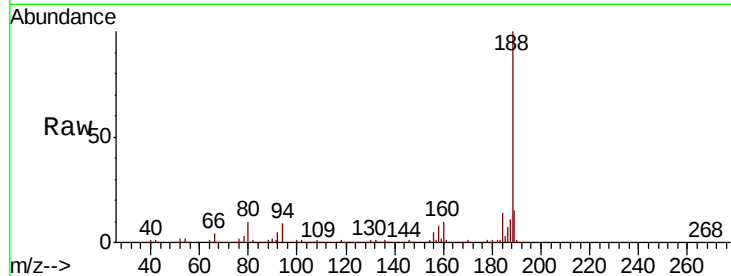
Tot Ion:188 Resp: 655674

Ion Ratio Lower Upper

188 100

94 9.2 8.5 12.7

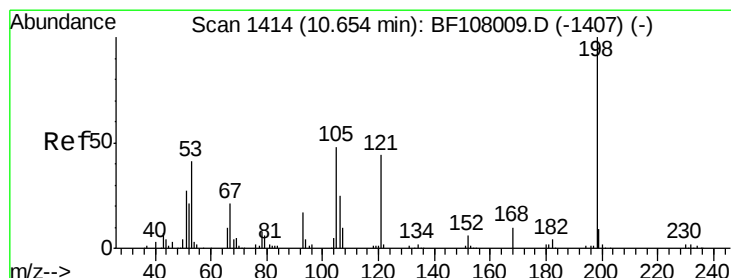
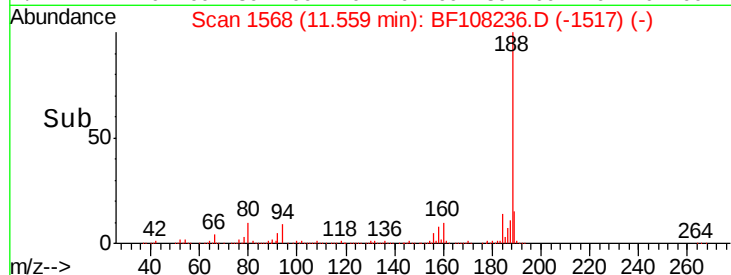
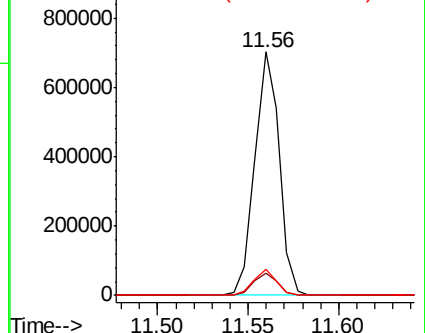
80 10.5 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 42.929 ng

RT: 10.66 min Scan# 1415

Delta R.T. 0.01 min

Lab File: BF108236.D

Acq: 17 Aug 2018 11:52

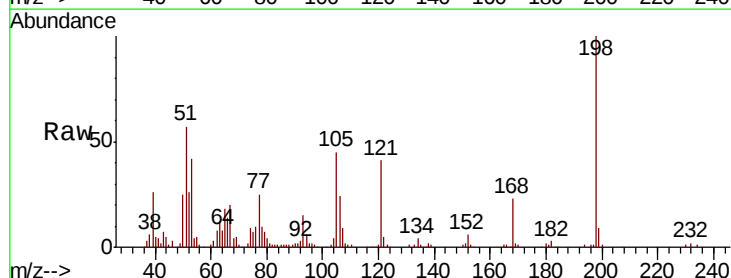
Tgt Ion:198 Resp: 104106

Ion Ratio Lower Upper

198 100

51 57.2 37.7 77.7

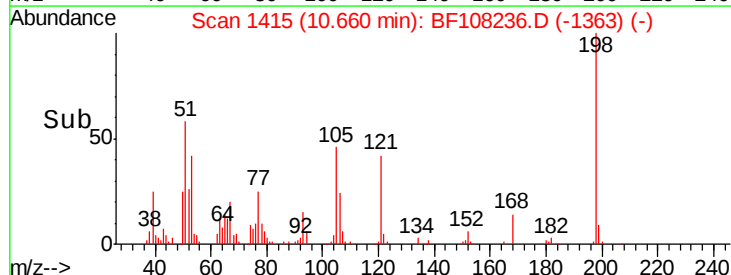
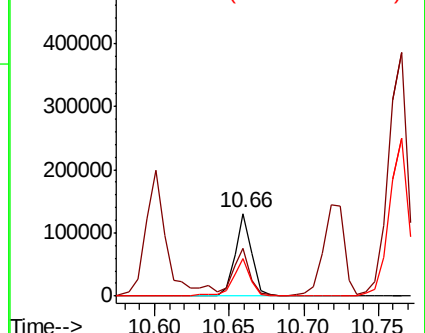
105 45.0 36.3 76.3

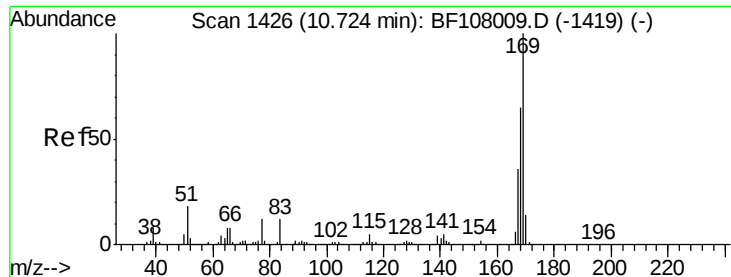


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

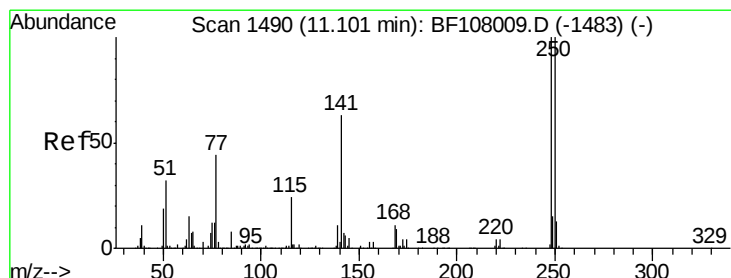
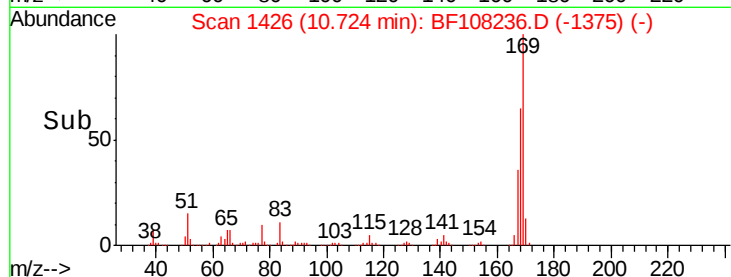
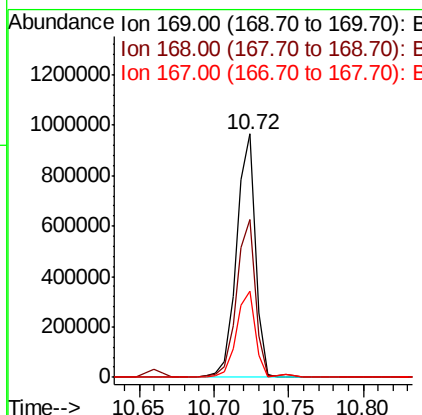
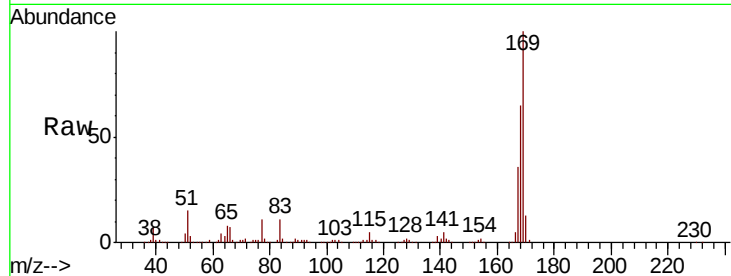




#65
 n-Nitrosodiphenylamine
 Concen: 44.340 ng
 RT: 10.72 min Scan# 1426
 Delta R.T. -0.00 min
 Lab File: BF108236.D
 Acq: 17 Aug 2018 11:52

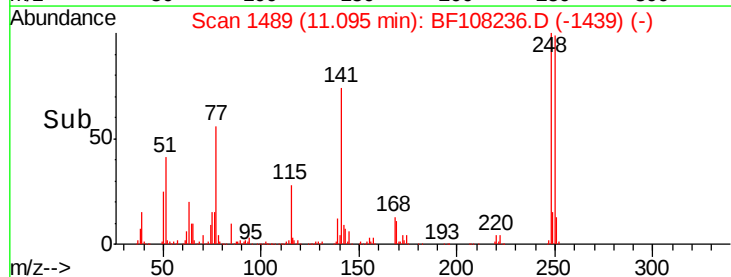
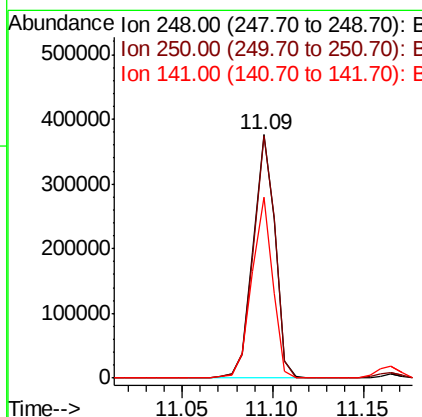
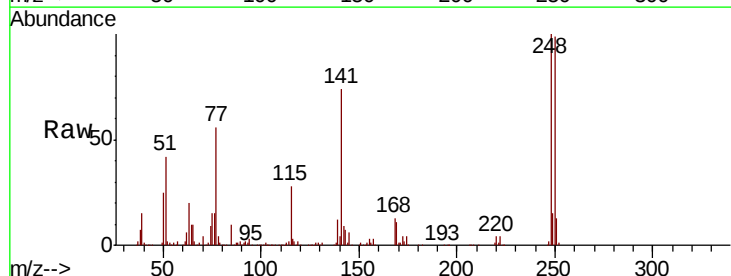
Instrument :
 BNA_F
 ClientSampleId :

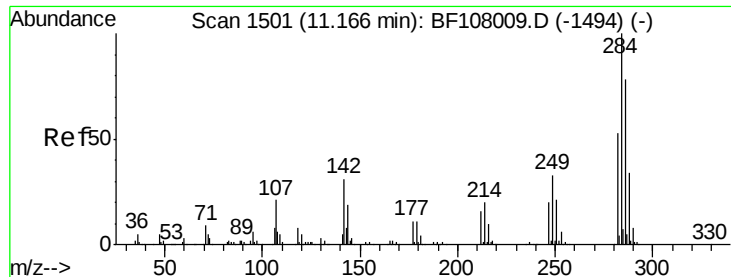
Tot Ion	Ratio	Lower	Upper
169	100		
168	64.8	54.4	81.6
167	35.6	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 44.216 ng
 RT: 11.09 min Scan# 1489
 Delta R.T. -0.01 min
 Lab File: BF108236.D
 Acq: 17 Aug 2018 11:52

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.5	76.9	115.3
141	74.1	74.4	111.6#





#67

Hexachlorobenzene

Concen: 43.650 ng

RT: 11.17 min Scan# 1501

Delta R.T. -0.00 min

Lab File: BF108236.D

Acq: 17 Aug 2018 11:52

Instrument :

BNA_F

ClientSampled :

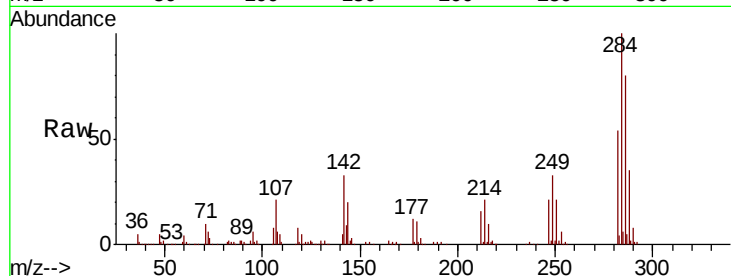
Tot Ion:284 Resp: 327249

Ion Ratio Lower Upper

284 100

142 32.6 34.6 52.0#

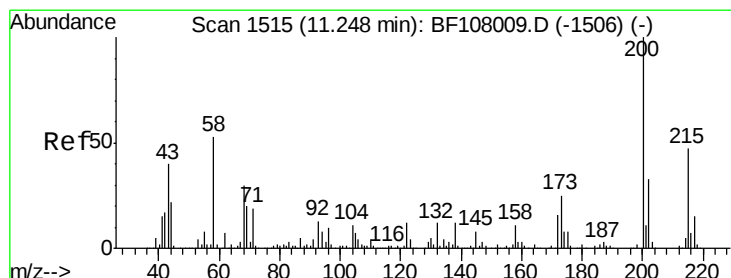
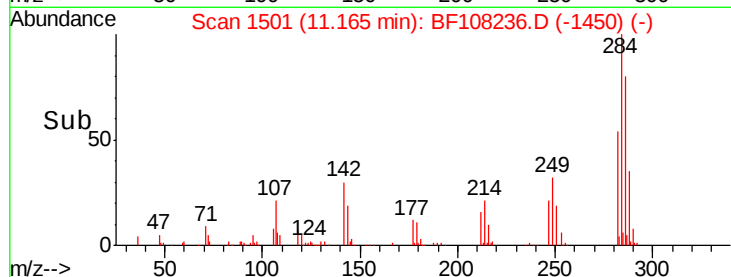
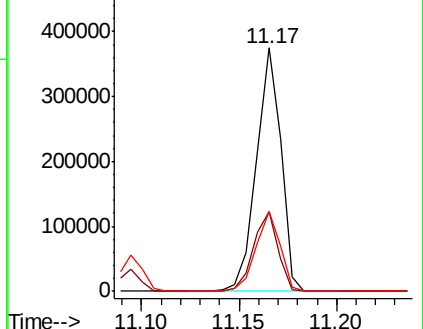
249 32.8 24.8 37.2



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: 45.164 ng

RT: 11.25 min Scan# 1515

Delta R.T. -0.00 min

Lab File: BF108236.D

Acq: 17 Aug 2018 11:52

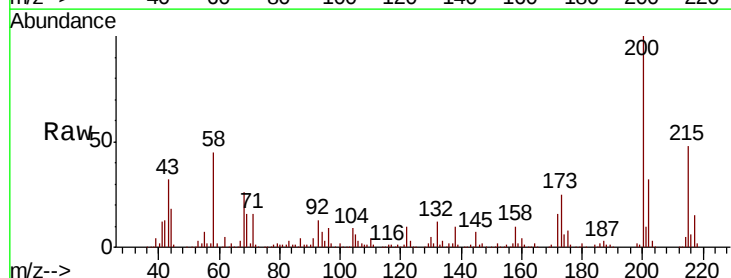
Tgt Ion:200 Resp: 293512

Ion Ratio Lower Upper

200 100

173 25.2 8.6 48.6

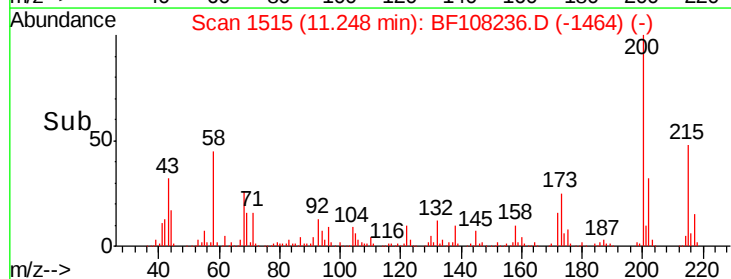
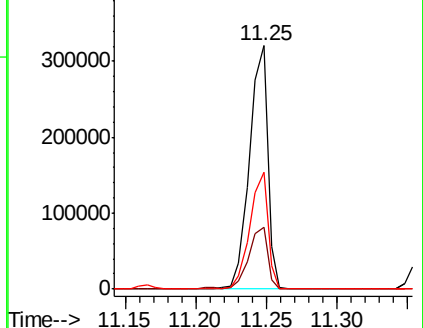
215 48.1 25.1 65.1



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

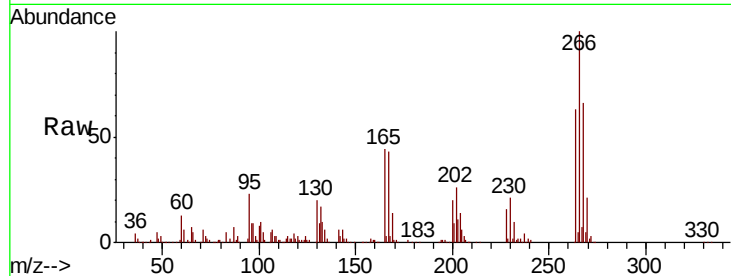




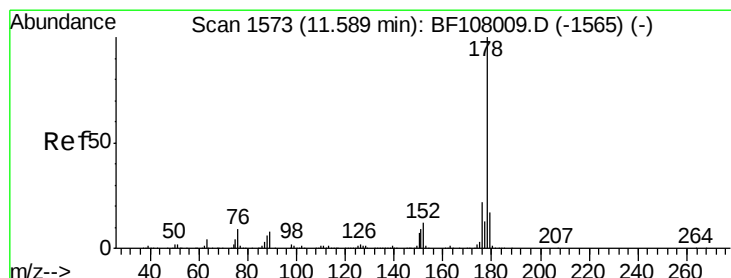
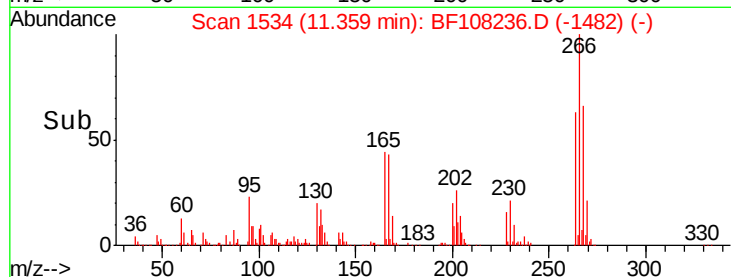
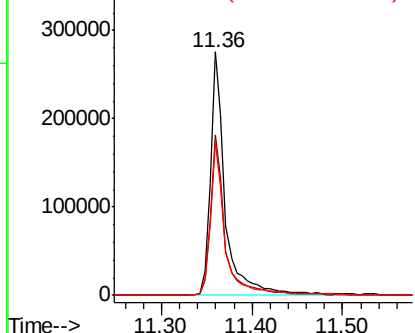
#69
 Pentachlorophenol
 Concen: 88.992 ng
 RT: 11.36 min Scan# 1534
 Delta R.T. 0.01 min
 Lab File: BF108236.D
 Acq: 17 Aug 2018 11:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 319340
 Ion Ratio Lower Upper
 266 100
 268 65.9 51.1 76.7
 264 62.9 49.5 74.3

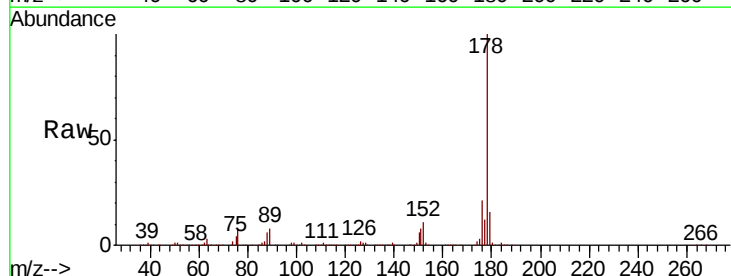


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

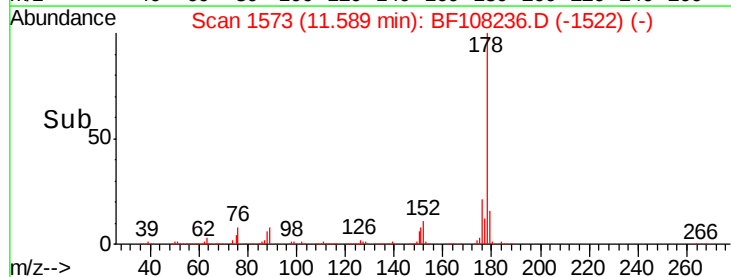
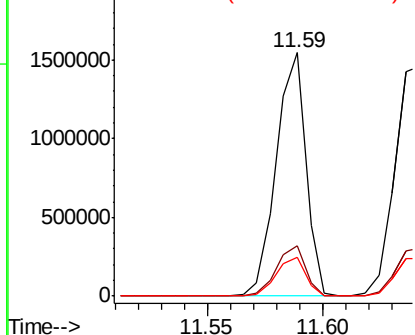


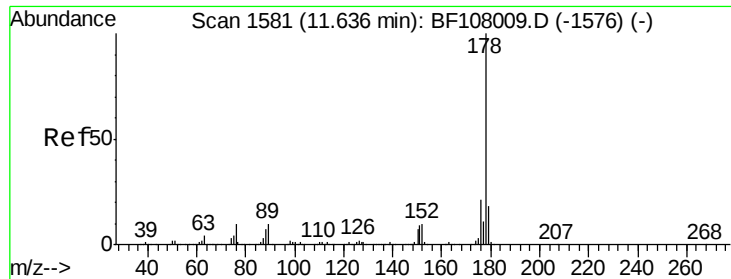
#70
 Phenanthrene
 Concen: 44.724 ng
 RT: 11.59 min Scan# 1573
 Delta R.T. -0.00 min
 Lab File: BF108236.D
 Acq: 17 Aug 2018 11:52

Tgt Ion:178 Resp: 1383125
 Ion Ratio Lower Upper
 178 100
 176 20.7 15.8 23.8
 179 16.2 13.0 19.6



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

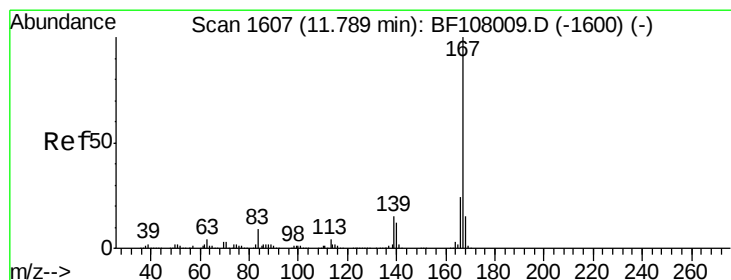
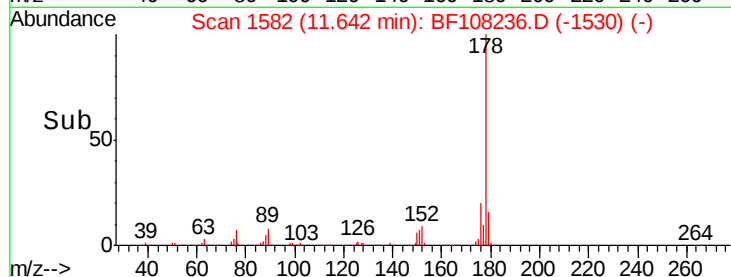
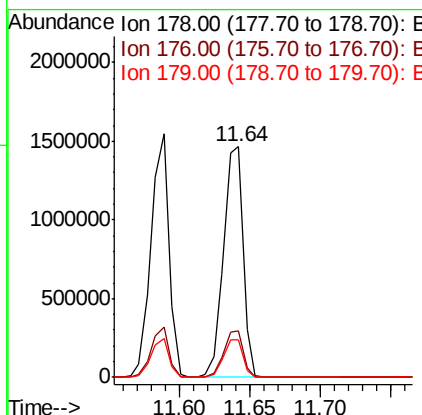
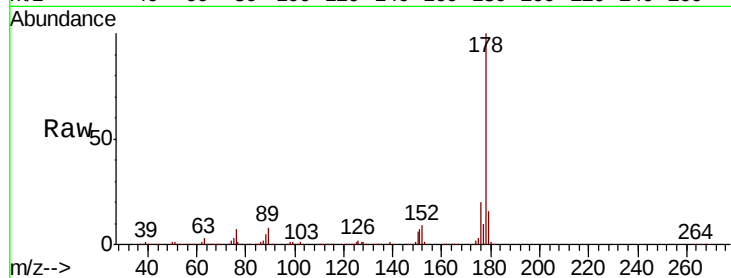




#71
 Anthracene
 Concen: 44.722 ng
 RT: 11.64 min Scan# 1582
 Delta R.T. 0.01 min
 Lab File: BF108236.D
 Acq: 17 Aug 2018 11:52

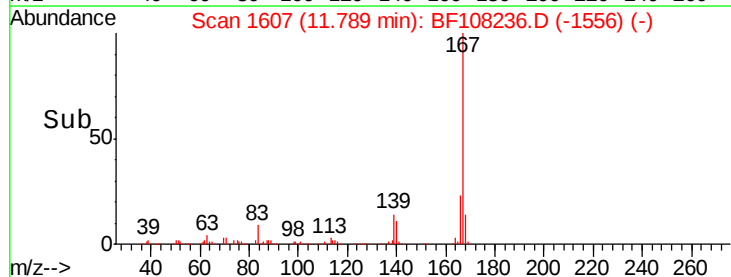
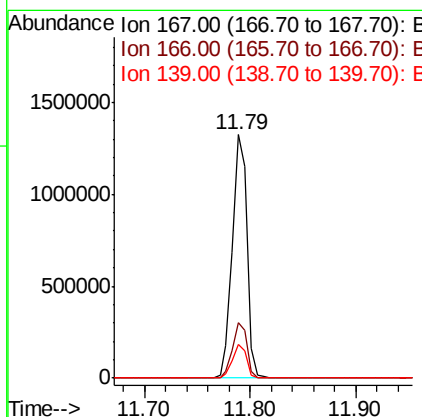
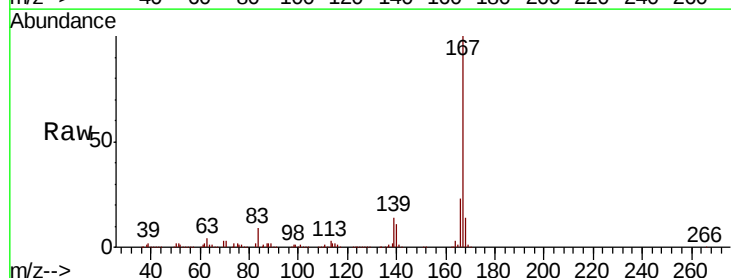
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1417541
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.4 23.2
 179 16.3 12.6 19.0



#72
 Carbazole
 Concen: 44.727 ng
 RT: 11.79 min Scan# 1607
 Delta R.T. -0.00 min
 Lab File: BF108236.D
 Acq: 17 Aug 2018 11:52

Tgt Ion:167 Resp: 1259595
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.6 26.4
 139 13.9 10.9 16.3

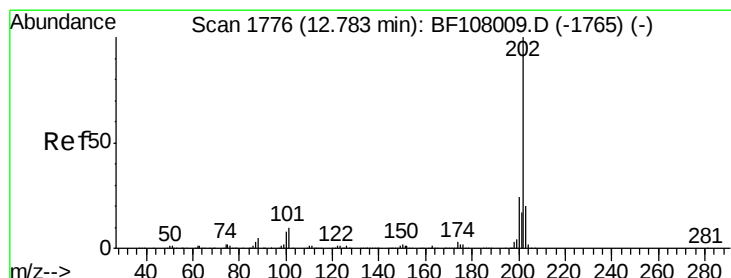
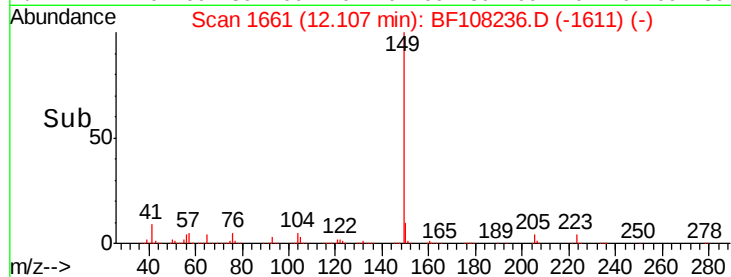
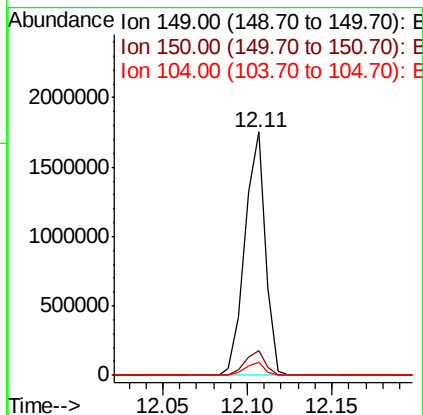
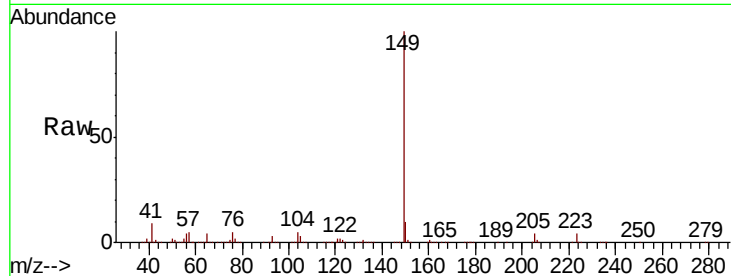




#73
Di-n-butylphthalate
Concen: 46.665 ng
RT: 12.11 min Scan# 1661
Delta R.T. -0.01 min
Lab File: BF108236.D
Acq: 17 Aug 2018 11:52

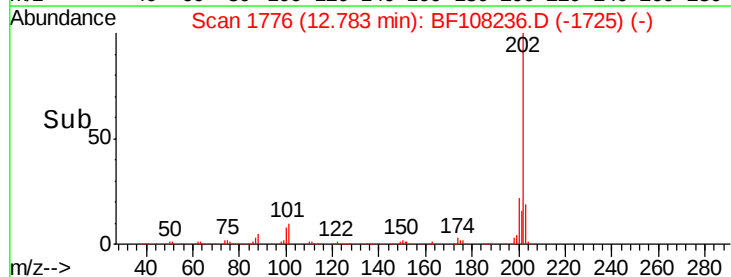
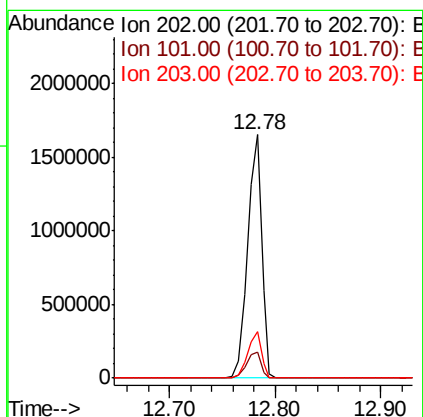
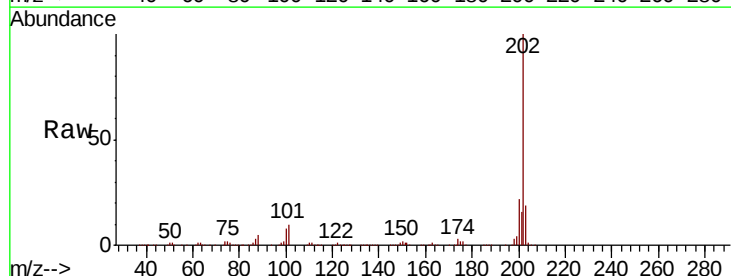
Instrument :
BNA_F
ClientSampleId :

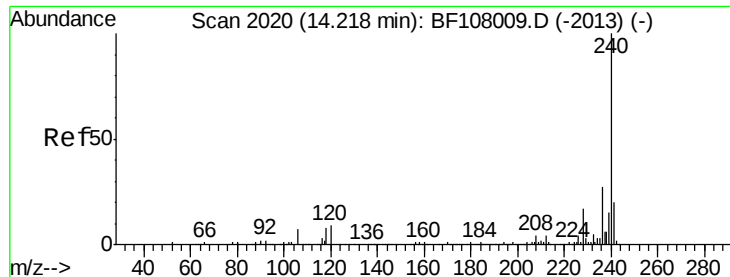
Tot Ion:149 Resp: 1488545
Ion Ratio Lower Upper
149 100
150 10.0 7.8 11.6
104 5.2 3.8 5.8



#74
Fluoranthene
Concen: 45.072 ng
RT: 12.78 min Scan# 1776
Delta R.T. -0.00 min
Lab File: BF108236.D
Acq: 17 Aug 2018 11:52

Tgt Ion:202 Resp: 1521259
Ion Ratio Lower Upper
202 100
101 10.4 0.0 34.1
203 19.1 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.22 min Scan# 2020

Delta R.T. -0.00 min

Lab File: BF108236.D

Acq: 17 Aug 2018 11:52

Instrument :

BNA_F

ClientSampleId :

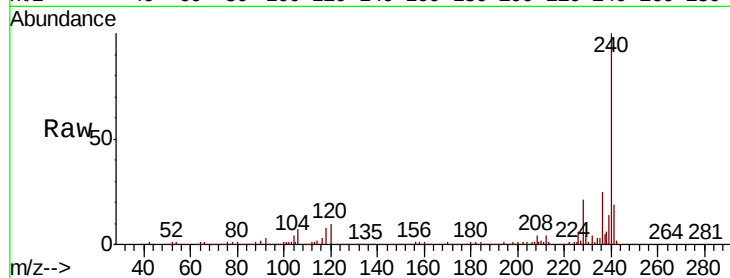
Tot Ion:240 Resp: 538880

Ion Ratio Lower Upper

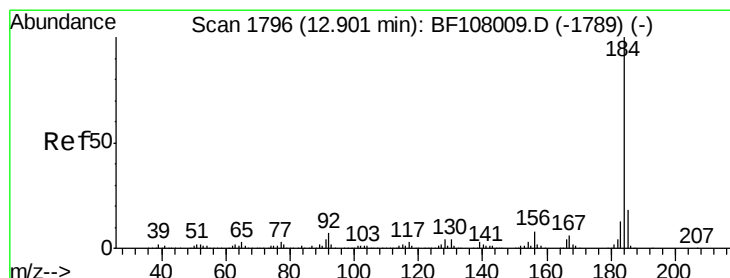
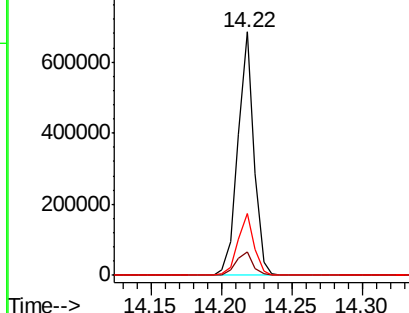
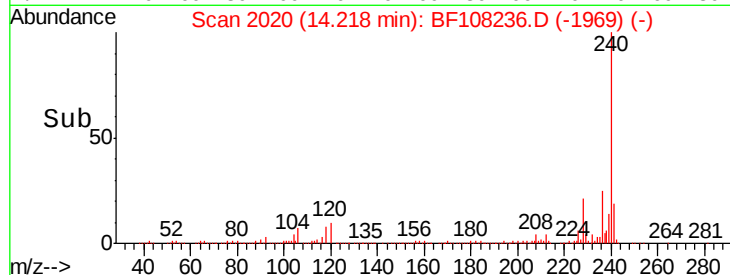
240 100

120 9.6 9.5 14.3

236 25.2 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 31.985 ng

RT: 12.89 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BF108236.D

Acq: 17 Aug 2018 11:52

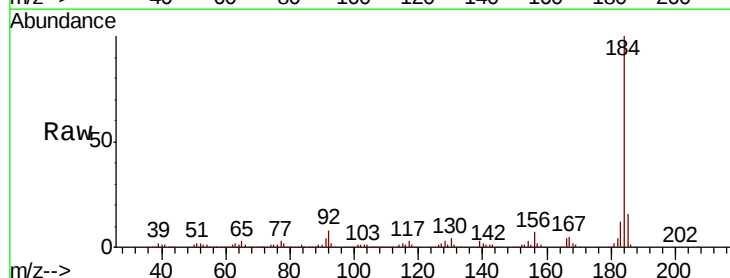
Tgt Ion:184 Resp: 643982

Ion Ratio Lower Upper

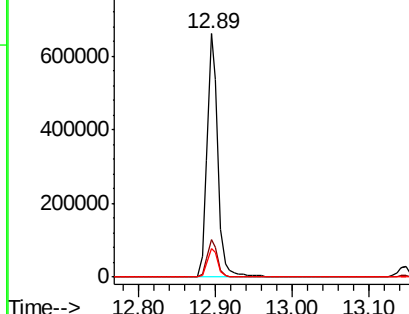
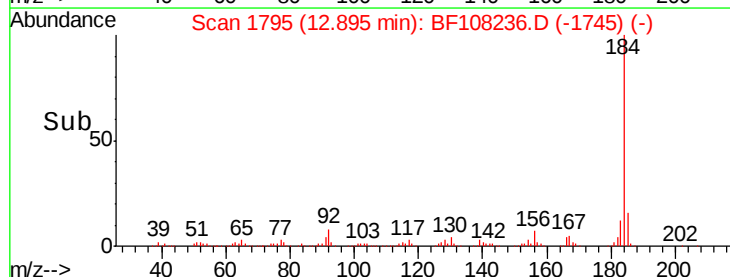
184 100

185 15.6 12.6 18.8

183 11.9 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: 44.844 ng

RT: 13.01 min Scan# 1815

Delta R.T. -0.00 min

Lab File: BF108236.D

Acq: 17 Aug 2018 11:52

Instrument :

BNA_F

ClientSampleId :

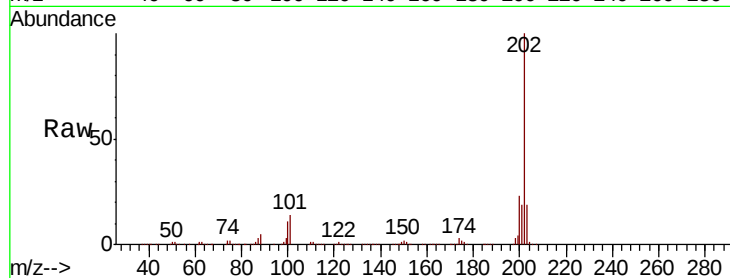
Tot Ion:202 Resp: 1529926

Ion Ratio Lower Upper

202 100

200 22.7 17.4 26.2

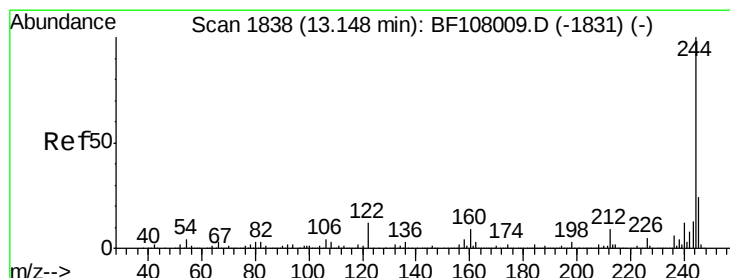
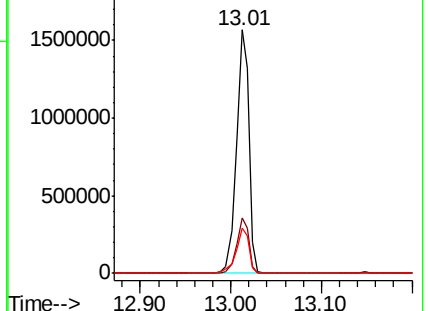
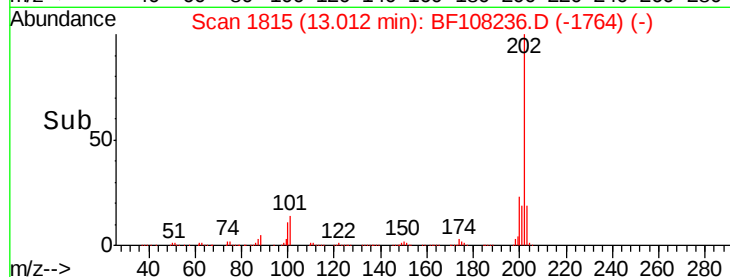
203 18.7 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 91.492 ng

RT: 13.15 min Scan# 1838

Delta R.T. -0.00 min

Lab File: BF108236.D

Acq: 17 Aug 2018 11:52

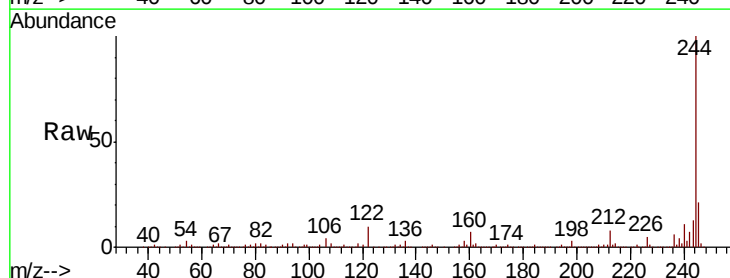
Tgt Ion:244 Resp: 1939106

Ion Ratio Lower Upper

244 100

212 7.6 5.4 8.0

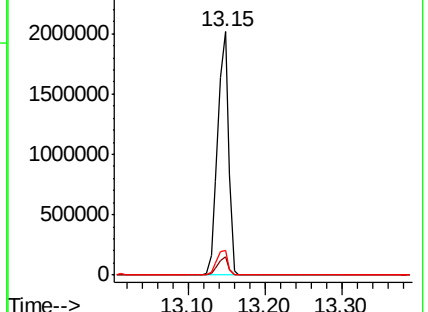
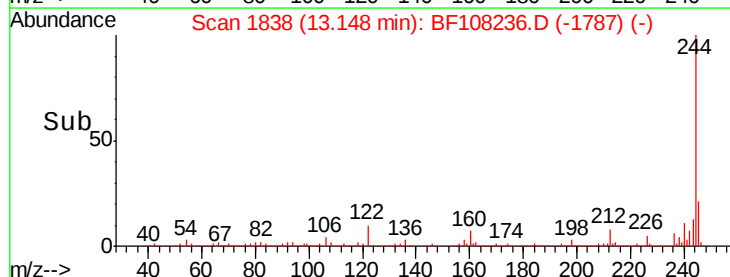
122 10.2 11.0 16.4#

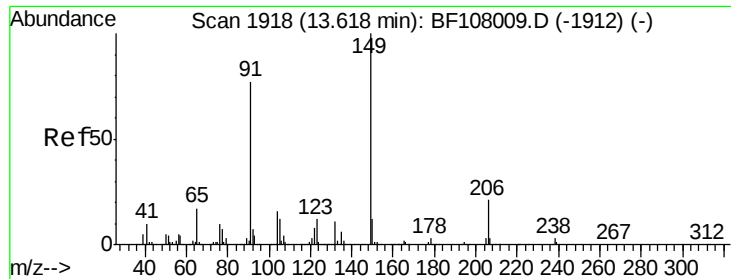


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

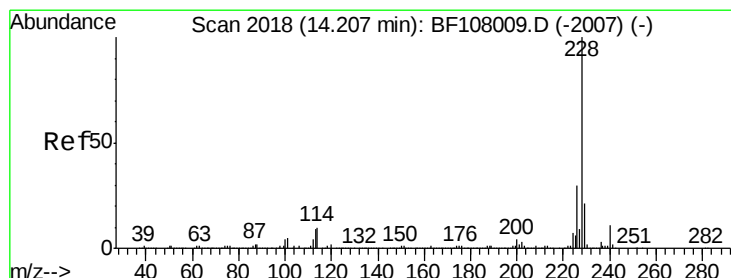
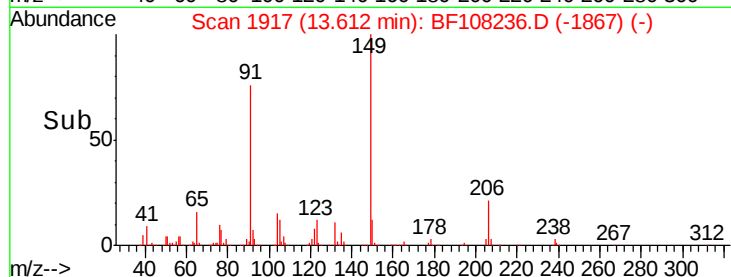
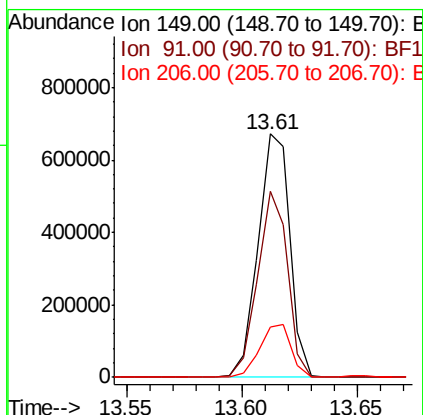
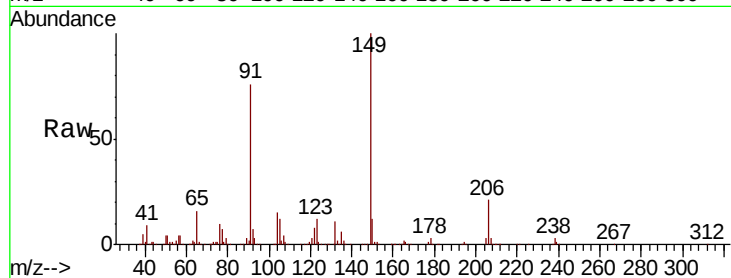




#79
Butylbenzylphthalate
Concen: 47.609 ng
RT: 13.61 min Scan# 1917
Delta R.T. -0.01 min
Lab File: BF108236.D
Acq: 17 Aug 2018 11:52

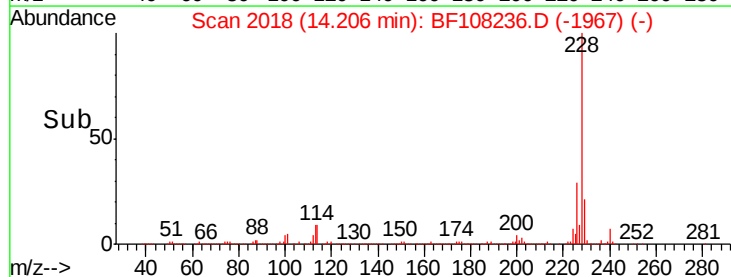
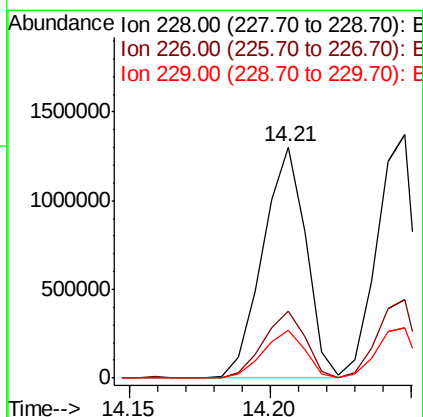
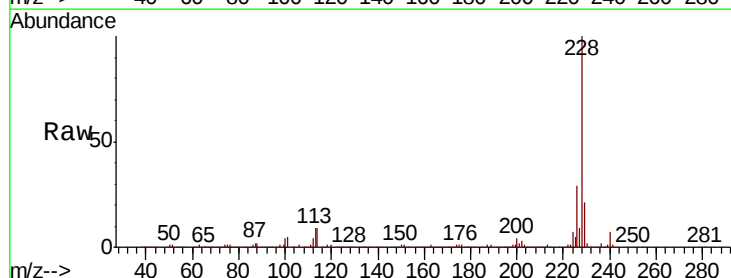
Instrument :
BNA_F
ClientSampleId :

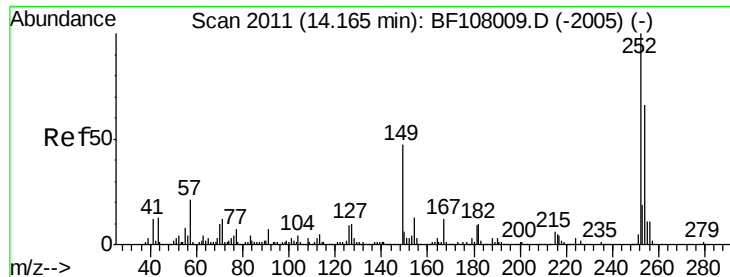
Tot Ion	Ratio	Lower	Upper
149	100		
91	76.4	56.8	85.2
206	20.5	14.1	21.1



#80
Benzo(a)anthracene
Concen: 44.600 ng
RT: 14.21 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BF108236.D
Acq: 17 Aug 2018 11:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.6	33.8
229	20.8	15.8	23.6

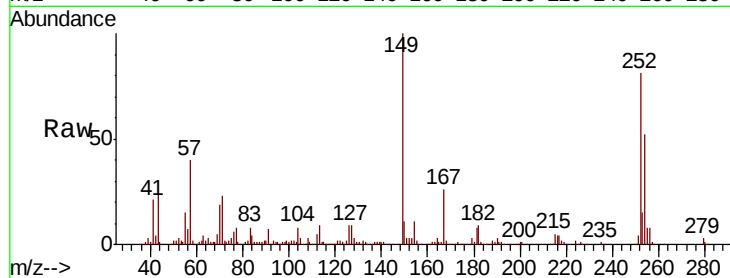




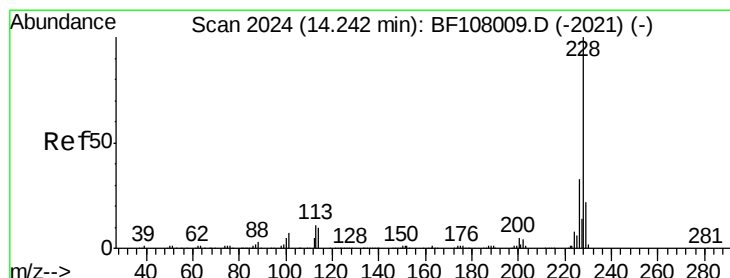
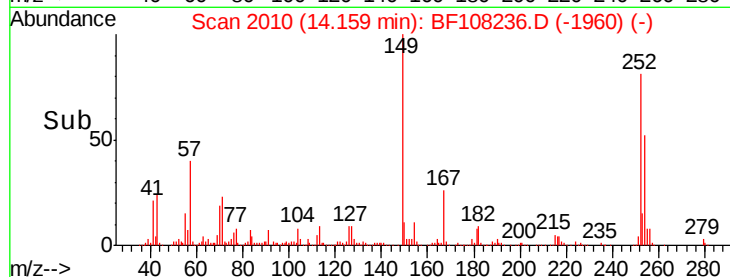
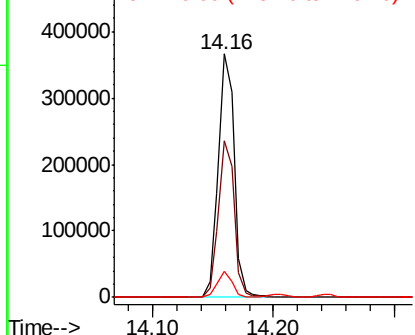
#81
 3,3'-Dichlorobenzidine
 Concen: 30.064 ng
 RT: 14.16 min Scan# 2010
 Delta R.T. -0.01 min
 Lab File: BF108236.D
 Acq: 17 Aug 2018 11:52

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:252 Resp: 333204
 Ion Ratio Lower Upper
 252 100
 254 64.5 50.4 75.6
 126 10.9 11.3 16.9#

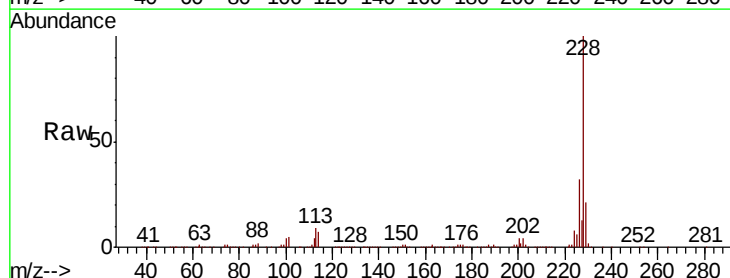


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

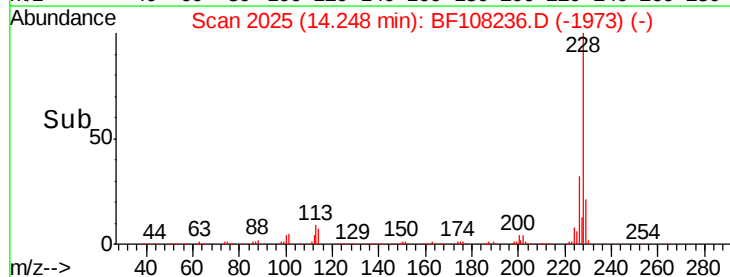
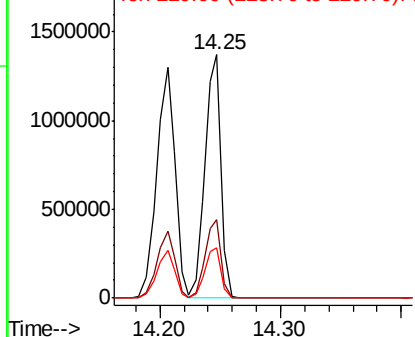


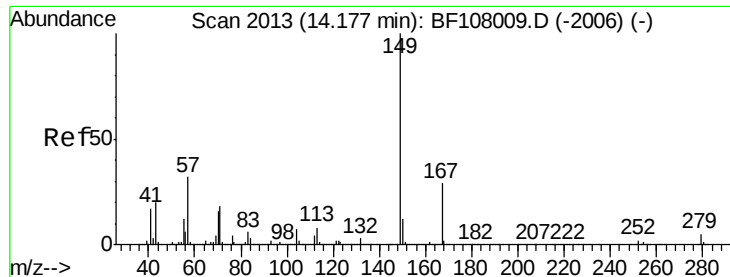
#82
 Chrysene
 Concen: 44.112 ng
 RT: 14.25 min Scan# 2025
 Delta R.T. 0.01 min
 Lab File: BF108236.D
 Acq: 17 Aug 2018 11:52

Tgt Ion:228 Resp: 1250707
 Ion Ratio Lower Upper
 228 100
 226 32.3 25.0 37.6
 229 20.6 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

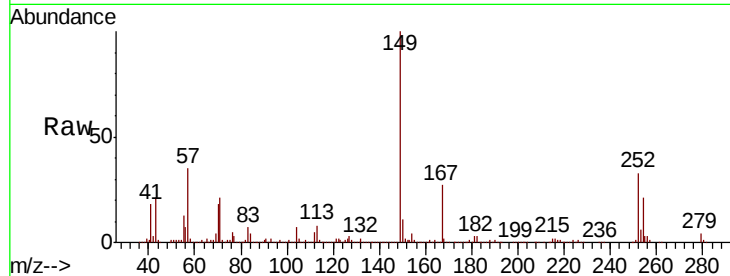




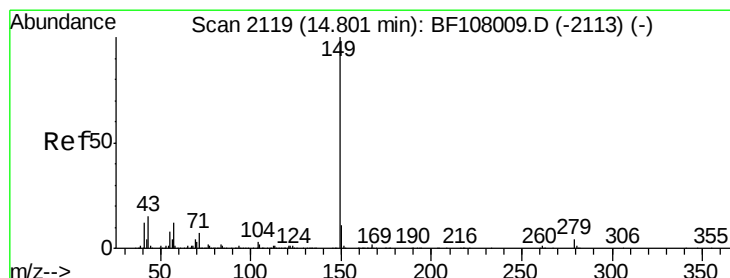
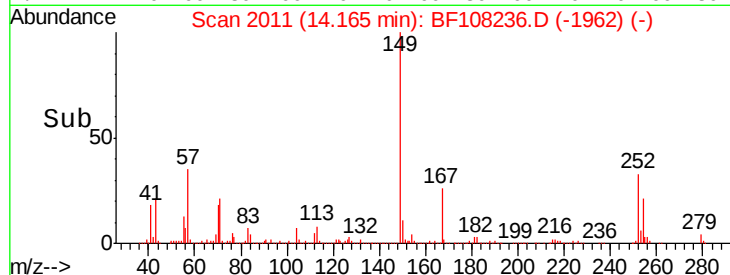
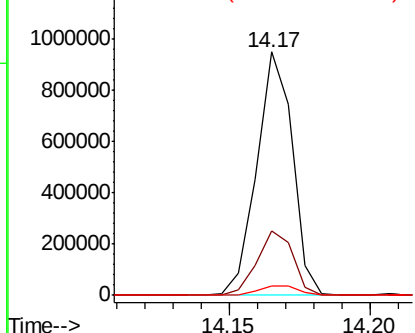
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.490 ng
 RT: 14.17 min Scan# 2011
 Delta R.T. -0.01 min
 Lab File: BF108236.D
 Acq: 17 Aug 2018 11:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 834534
 Ion Ratio Lower Upper
 149 100
 167 26.5 21.3 31.9
 279 3.7 3.0 4.4

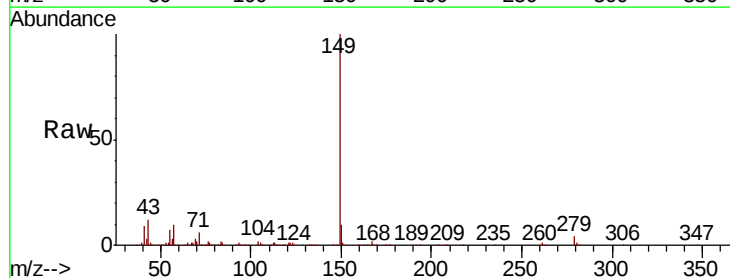


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

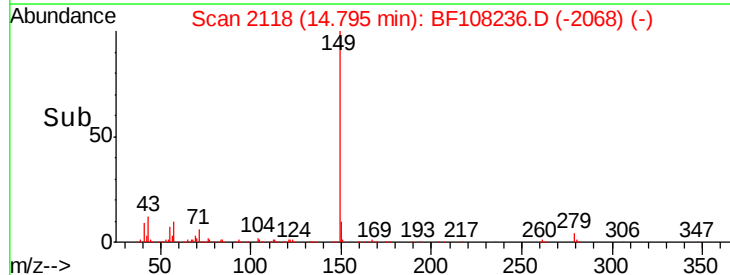
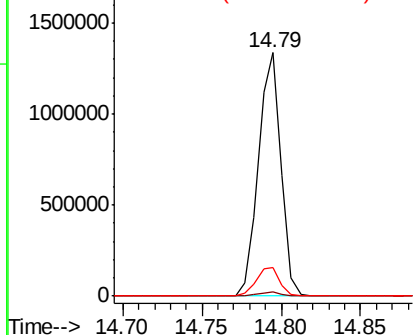


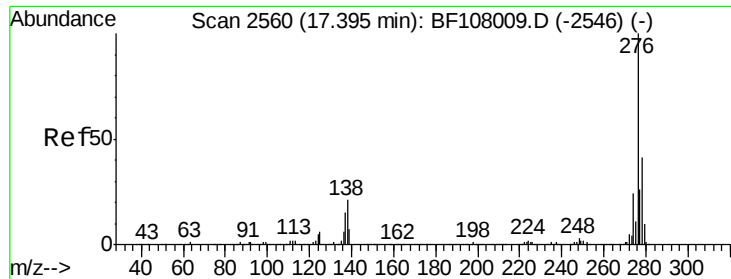
#84
 Di-n-octyl phthalate
 Concen: 47.259 ng
 RT: 14.79 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: BF108236.D
 Acq: 17 Aug 2018 11:52

Tgt Ion:149 Resp: 1322248
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 12.1 8.4 12.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF1





#85

Indeno(1,2,3-cd)pyrene

Concen: 37.316 ng

RT: 17.41 min Scan# 2562

Delta R.T. 0.01 min

Lab File: BF108236.D

Acq: 17 Aug 2018 11:52

Instrument :

BNA_F

ClientSampleId :

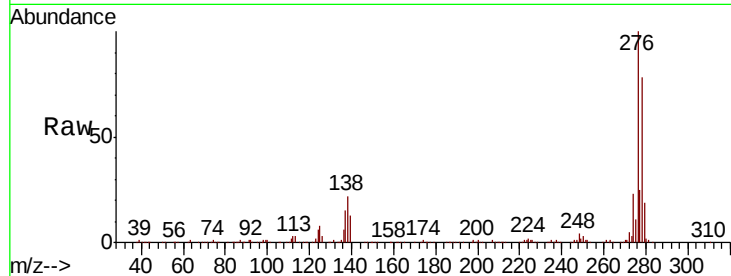
Tot Ion:276 Resp: 916729

Ion Ratio Lower Upper

276 100

138 22.8 25.0 37.6#

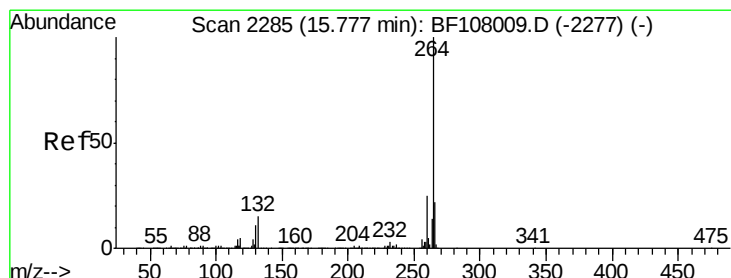
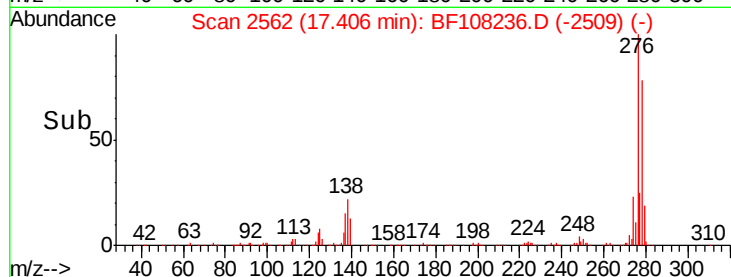
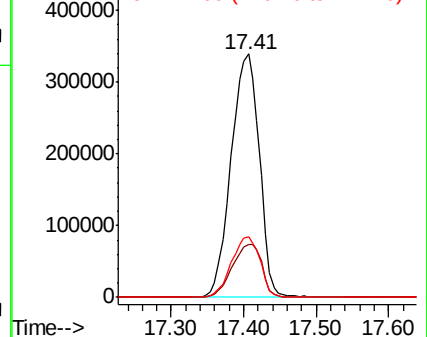
277 25.1 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.78 min Scan# 2285

Delta R.T. -0.00 min

Lab File: BF108236.D

Acq: 17 Aug 2018 11:52

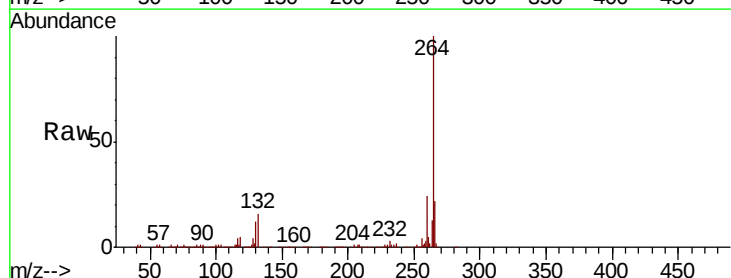
Tgt Ion:264 Resp: 404583

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

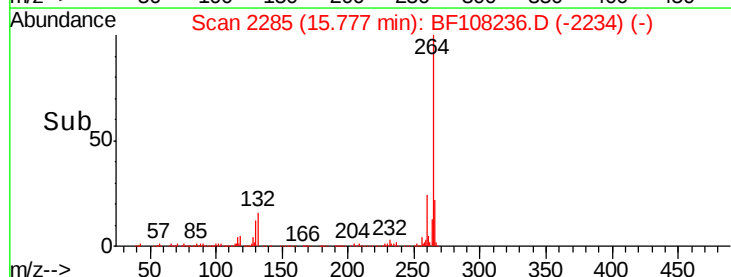
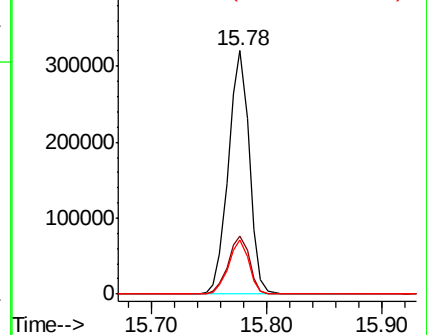
265 22.3 17.5 26.3

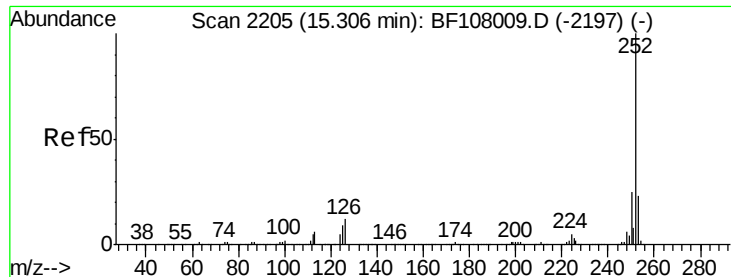


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

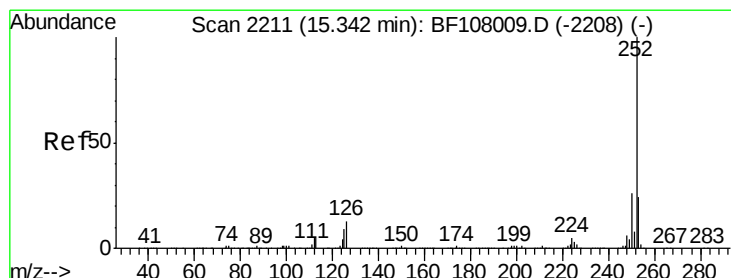
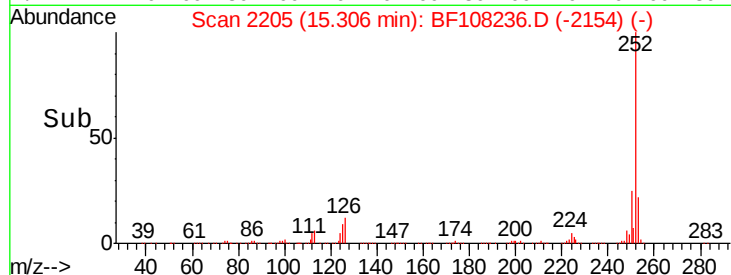
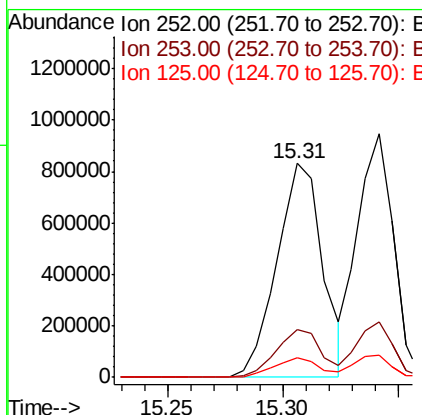
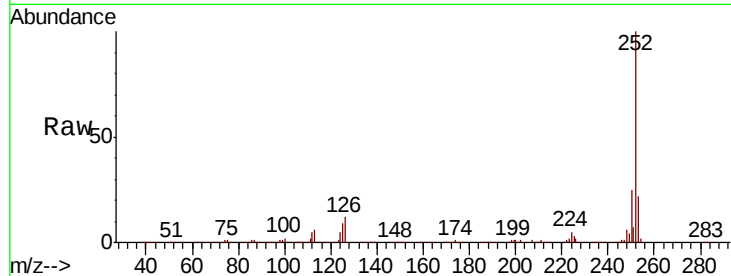




#87
Benzo(b)fluoranthene
Concen: 47.424 ng
RT: 15.31 min Scan# 2205
Delta R.T. -0.00 min
Lab File: BF108236.D
Acq: 17 Aug 2018 11:52

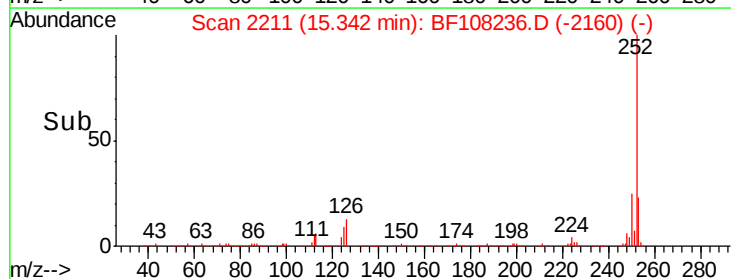
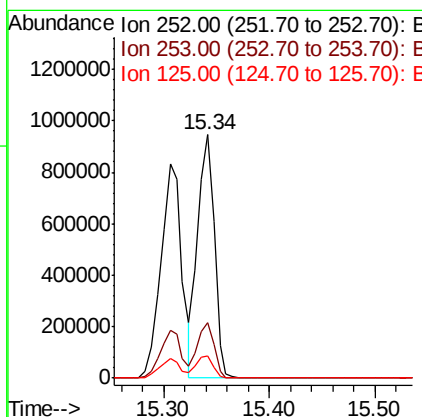
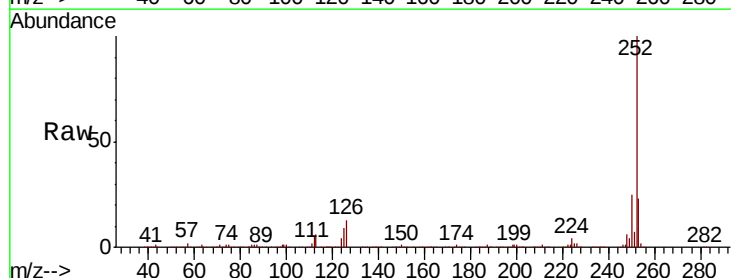
Instrument :
BNA_F
ClientSampleId :

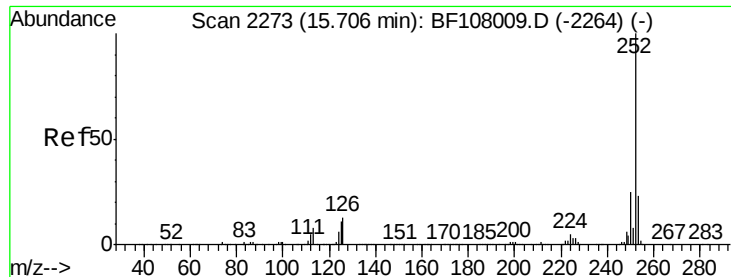
Tot Ion:252 Resp: 1146496
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.6
125 9.5 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 46.149 ng
RT: 15.34 min Scan# 2211
Delta R.T. -0.00 min
Lab File: BF108236.D
Acq: 17 Aug 2018 11:52

Tgt Ion:252 Resp: 1025566
Ion Ratio Lower Upper
252 100
253 22.8 17.9 26.9
125 9.1 10.2 15.2#

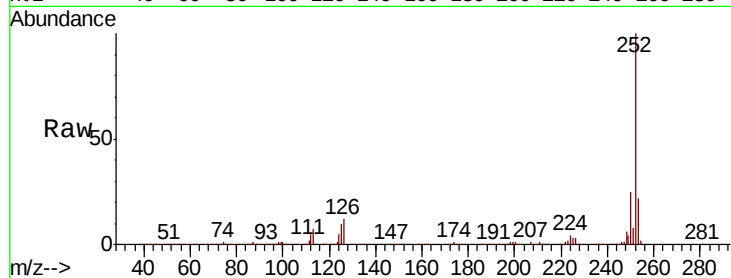




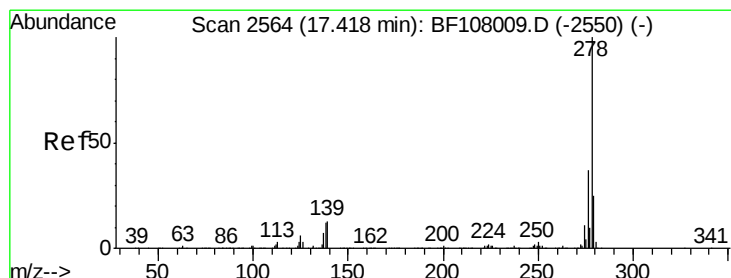
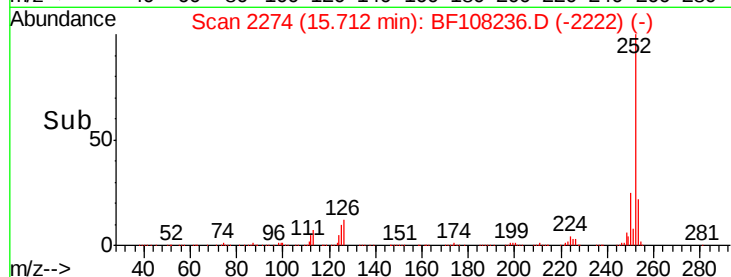
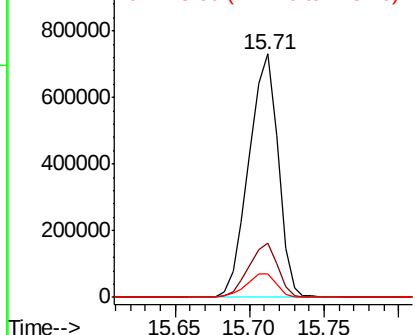
#89
Benzo(a)pyrene
Concen: 45.859 ng
RT: 15.71 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF108236.D
Acq: 17 Aug 2018 11:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 992769
Ion Ratio Lower Upper
252 100
253 22.4 17.1 25.7
125 9.7 9.8 14.6#

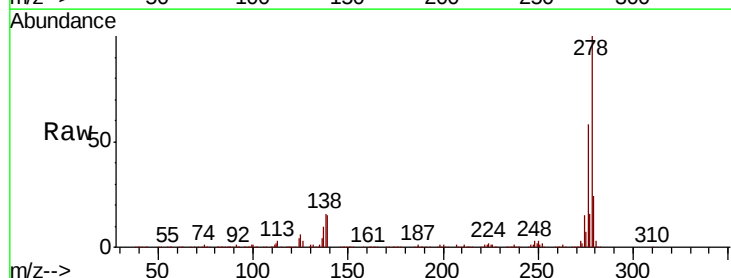


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

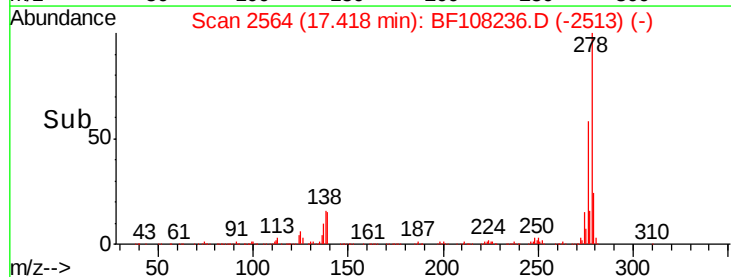
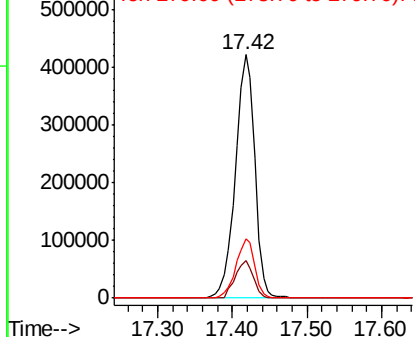


#90
Dibenzo(a,h)anthracene
Concen: 42.674 ng
RT: 17.42 min Scan# 2564
Delta R.T. -0.00 min
Lab File: BF108236.D
Acq: 17 Aug 2018 11:52

Tgt Ion:278 Resp: 764379
Ion Ratio Lower Upper
278 100
139 15.3 15.9 23.9#
279 24.2 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 43.256 ng
 RT: 17.90 min Scan# 2646
 Delta R.T. 0.01 min
 Lab File: BF108236.D
 Acq: 17 Aug 2018 11:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.1	17.9	26.9
138	19.7	21.8	32.8

