

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062018\
 Data File : BF106630.D
 Acq On : 20 Jun 2018 20:07
 Operator : JU/SJ
 Sample : J3529-09MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TPTW-04MS

Quant Time: Jun 21 01:02:59 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 19 14:32:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	106429	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	457920	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	225497	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	422130	20.00	ng	0.00
75) Chrysene-d12	14.15	240	286170	20.00	ng	0.00
86) Perylene-d12	15.69	264	300781	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	377104	60.00	ng	0.00
7) Phenol-d6	6.61	99	301699	38.44	ng	0.00
23) Nitrobenzene-d5	7.53	82	633982	76.94	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	325472	124.53	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1082662	80.48	ng	0.00
78) Terphenyl-d14	13.08	244	1148080	97.18	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.84	88	48118	14.891	ng	96
3) Pyridine	3.65	79	143819	16.411	ng	96
4) n-Nitrosodimethylamine	3.57	42	63037	16.936	ng	93
6) Aniline	6.65	93	266736	25.052	ng	99
8) 2-Chlorophenol	6.76	128	239058	34.678	ng	99
9) Benzaldehyde	6.51	77	104246	16.678	ng	99
10) Phenol	6.63	94	677166	75.597	ng	92
11) bis(2-Chloroethyl)ether	6.70	93	322741	43.643	ng	98
12) 1,3-Dichlorobenzene	6.90	146	307196	38.047	ng	99
13) 1,4-Dichlorobenzene	6.98	146	313410	38.394	ng	99
14) 1,2-Dichlorobenzene	7.13	146	291703	38.992	ng	99
15) Benzyl Alcohol	7.11	79	170699	27.084	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.23	45	436781	45.017	ng	# 45
17) 2-Methylphenol	7.23	107	183298	31.070	ng	# 82
18) Hexachloroethane	7.47	117	111965	39.004	ng	# 90
19) n-Nitroso-di-n-propylamine	7.38	70	212827	41.135	ng	95
20) 3+4-Methylphenols	7.38	107	274183	42.347	ng	94
22) Acetophenone	7.37	105	413519	40.364	ng	100
24) Nitrobenzene	7.55	77	332480	39.522	ng	96
25) Isophorone	7.79	82	617102	42.500	ng	98
26) 2-Nitrophenol	7.86	139	162085	40.814	ng	95
27) 2,4-Dimethylphenol	7.91	122	261801	42.650	ng	100
28) bis(2-Chloroethoxy)methane	7.99	93	381868	39.170	ng	# 67
29) 2,4-Dichlorophenol	8.11	162	255044	39.687	ng	96
30) 1,2,4-Trichlorobenzene	8.18	180	284390	40.171	ng	97
31) Naphthalene	8.27	128	758421	35.425	ng	100
32) Benzoic acid	8.10	122	190474	43.298	ng	99
33) 4-Chloroaniline	8.32	127	165278	18.399	ng	99
34) Hexachlorobutadiene	8.38	225	183384	39.754	ng	99
36) 4-Chloro-3-methylphenol	8.81	107	268112	39.637	ng	99
37) 2-Methylnaphthalene	8.96	142	615616	43.382	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	323072	42.543	ng	97
40) Hexachlorocyclopentadiene	9.11	237	285180	72.990	ng	100
42) 2,4,6-Trichlorophenol	9.24	196	202645	40.145	ng	94

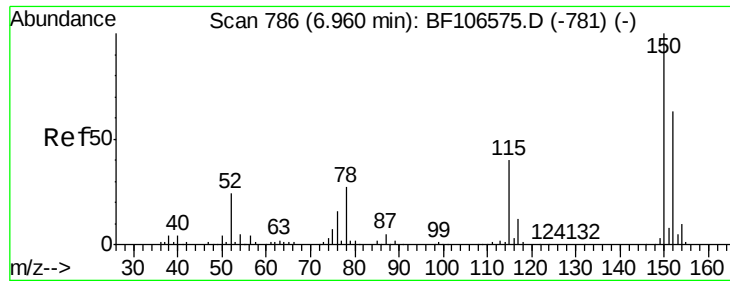
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062018\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.30	196	210566	39.976	ng	# 90
45) 1,1'-Biphenyl	9.42	154	736740	40.996	ng	97
46) 2-Chloronaphthalene	9.45	162	552898	39.086	ng	97
47) 2-Nitroaniline	9.55	65	187039	39.320	ng	92
48) Acenaphthylene	9.87	152	852737	38.182	ng	97
49) Dimethylphthalate	9.73	163	751904	44.458	ng	# 96
50) 2,6-Dinitrotoluene	9.80	165	162578	45.396	ng	92
51) Acenaphthene	10.04	154	538115	38.263	ng	99
52) 3-Nitroaniline	9.97	138	85344	20.709	ng	97
53) 2,4-Dinitrophenol	10.08	184	171696	91.393	ng	# 18
54) Dibenzofuran	10.21	168	807097	41.911	ng	99
55) 4-Nitrophenol	10.17	139	72466	25.192	ng	90
56) 2,4-Dinitrotoluene	10.20	165	211090	45.157	ng	# 90
57) Fluorene	10.56	166	622828	40.757	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.34	232	202099	48.268	ng	# 78
59) Diethylphthalate	10.42	149	632301	38.736	ng	# 92
60) 4-Chlorophenyl-phenylether	10.55	204	336392	42.072	ng	# 85
61) 4-Nitroaniline	10.59	138	112637	27.540	ng	97
62) Azobenzene	10.71	77	622179	38.706	ng	94
64) 4,6-Dinitro-2-methylphenol	10.61	198	125791	48.207	ng	84
65) n-Nitrosodiphenylamine	10.67	169	547256	38.543	ng	98
66) 4-Bromophenyl-phenylether	11.04	248	239404	47.521	ng	# 84
67) Hexachlorobenzene	11.11	284	249898	47.393	ng	# 83
68) Atrazine	11.23	200	106040	23.493	ng	94
69) Pentachlorophenol	11.31	266	244890	93.080	ng	99
70) Phenanthrene	11.53	178	890359	43.730	ng	98
71) Anthracene	11.58	178	900993	43.355	ng	98
72) Carbazole	11.74	167	748298	38.459	ng	98
73) Di-n-butylphthalate	12.05	149	914843	39.911	ng	100
74) Fluoranthene	12.72	202	882163	39.310	ng	96
77) Pyrene	12.95	202	874827	46.358	ng	99
79) Butylbenzylphthalate	13.56	149	333516	42.986	ng	# 92
80) Benzo(a)anthracene	14.14	228	777257	44.564	ng	98
82) Chrysene	14.18	228	714725	44.543	ng	99
83) Bis(2-ethylhexyl)phthalate	14.11	149	483271	48.720	ng	# 95
84) Di-n-octyl phthalate	14.74	149	757402	46.843	ng	95
85) Indeno(1,2,3-cd)pyrene	17.27	276	769437	56.506	ng	# 91
87) Benzo(b)fluoranthene	15.24	252	813945	43.563	ng	96
88) Benzo(k)fluoranthene	15.27	252	683846	38.433	ng	# 96
89) Benzo(a)pyrene	15.63	252	736149	44.320	ng	# 95
90) Dibenzo(a,h)anthracene	17.28	278	634477	45.073	ng	# 94
91) Benzo(g,h,i)perylene	17.75	276	622670	45.256	ng	# 90

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

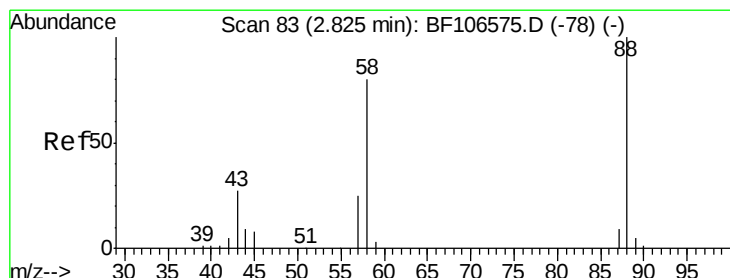
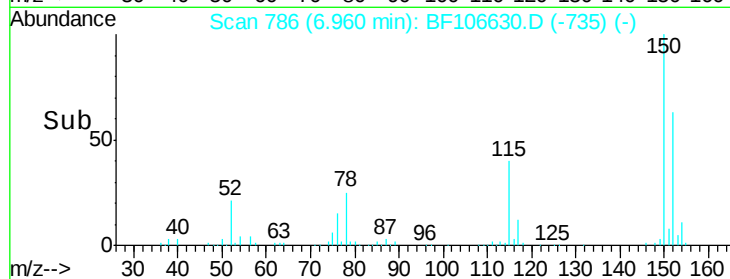
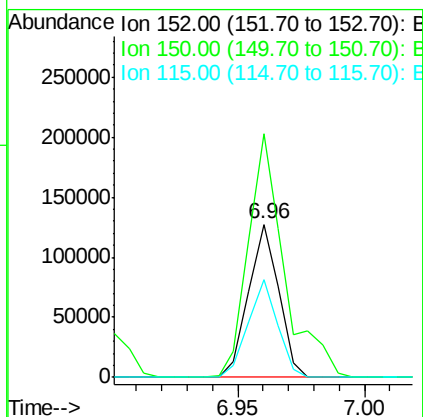
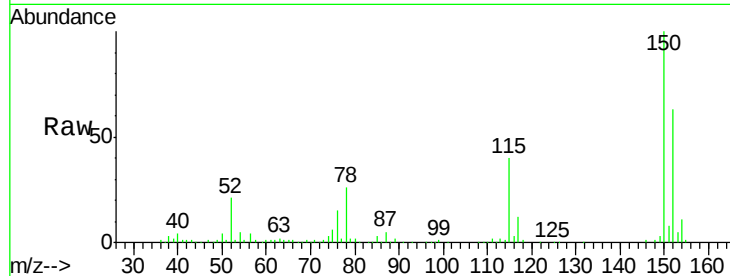


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106630.D
Acq: 20 Jun 2018 20:07

Instrument :
BNA_F
ClientSampleId :
TPTW-04MS

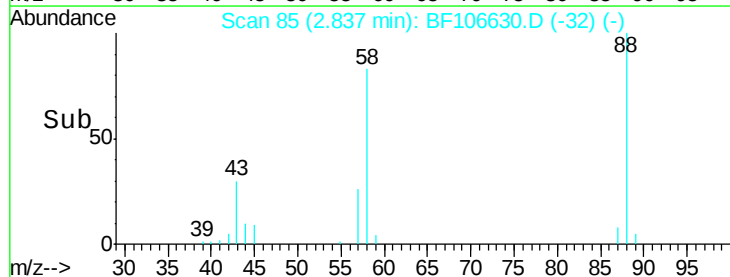
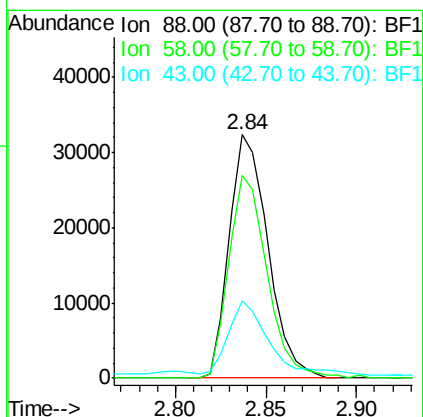
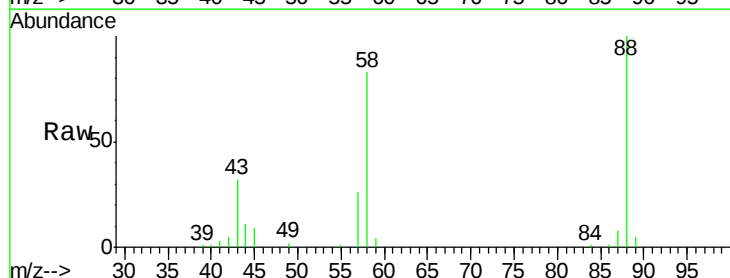
Tgt Ion:152 Resp: 106429
Ion Ratio Lower Upper
152 100
150 159.1 124.6 186.8
115 64.1 50.1 75.1

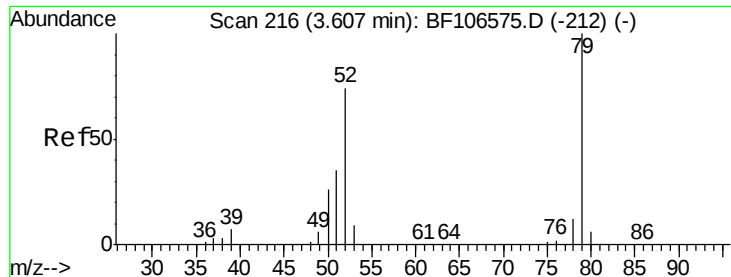


#2

1,4-Dioxane
Concen: 14.891 ng
RT: 2.84 min Scan# 85
Delta R.T. 0.01 min
Lab File: BF106630.D
Acq: 20 Jun 2018 20:07

Tgt Ion: 88 Resp: 48118
Ion Ratio Lower Upper
88 100
58 82.4 62.6 93.8
43 32.4 24.6 37.0





#3

Pyridine

Concen: 16.411 ng

RT: 3.65 min Scan# 223

Delta R.T. 0.04 min

Lab File: BF106630.D

Acq: 20 Jun 2018 20:07

Instrument :

BNA_F

ClientSampleId :

TPTW-04MS

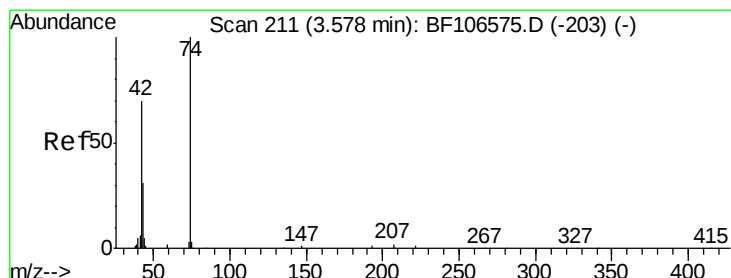
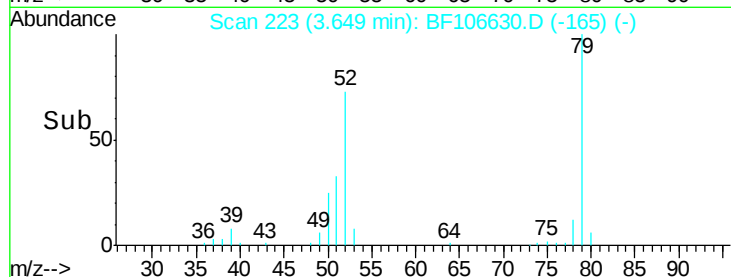
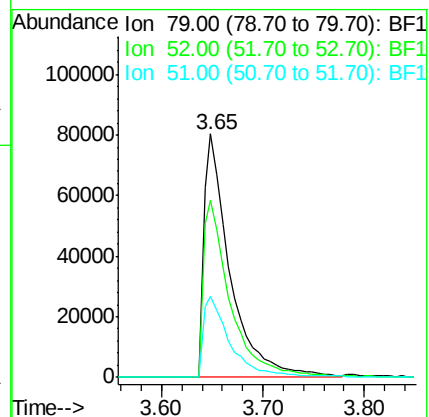
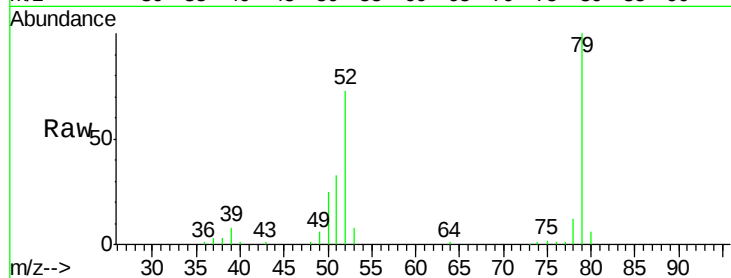
Tgt Ion: 79 Resp: 143819

Ion Ratio Lower Upper

79 100

52 72.7 59.8 89.6

51 33.1 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 16.936 ng

RT: 3.57 min Scan# 210

Delta R.T. -0.01 min

Lab File: BF106630.D

Acq: 20 Jun 2018 20:07

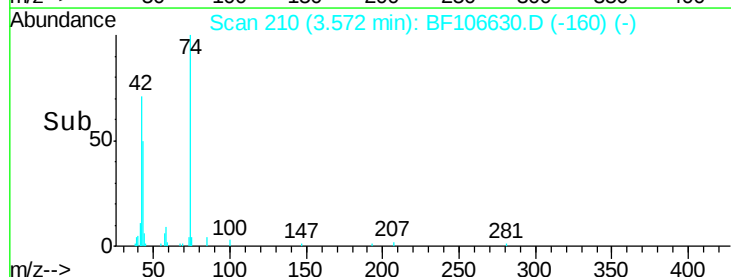
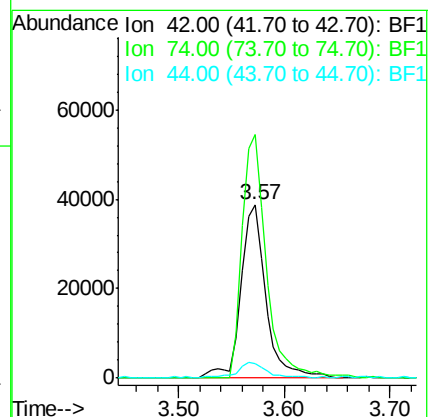
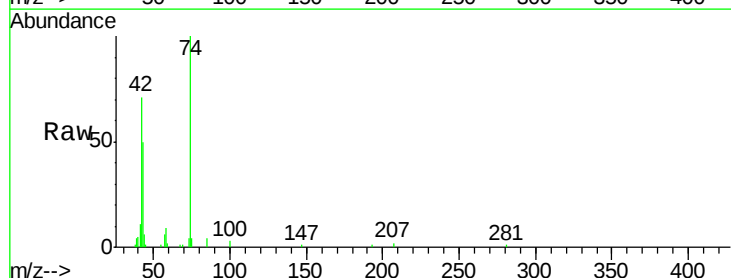
Tgt Ion: 42 Resp: 63037

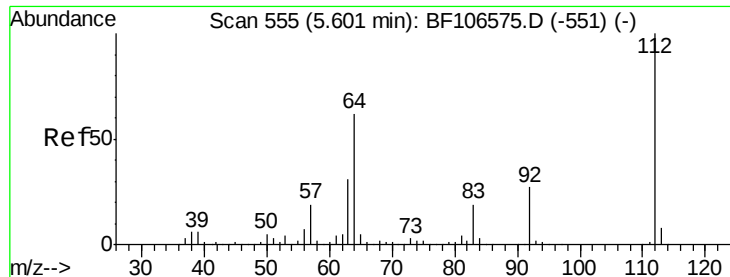
Ion Ratio Lower Upper

42 100

74 140.1 104.9 157.3

44 8.3 6.9 10.3





#5

2-Fluorophenol

Concen: 59.998 ng

RT: 5.61 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF106630.D

Acq: 20 Jun 2018 20:07

Instrument :

BNA_F

ClientSampleId :

TPTW-04MS

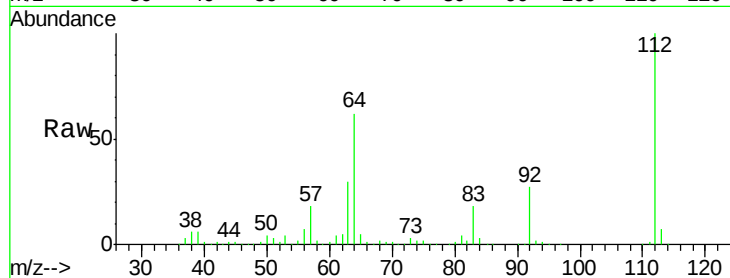
Tgt Ion: 112 Resp: 377104

Ion Ratio Lower Upper

112 100

64 62.1 47.9 71.9

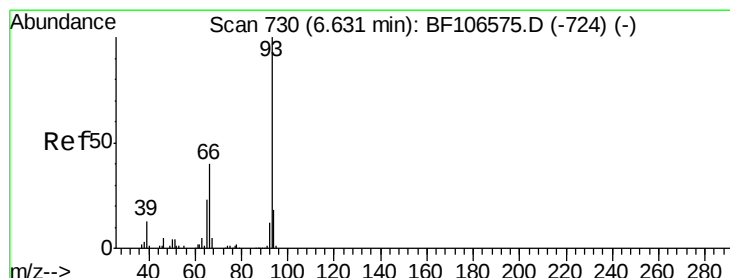
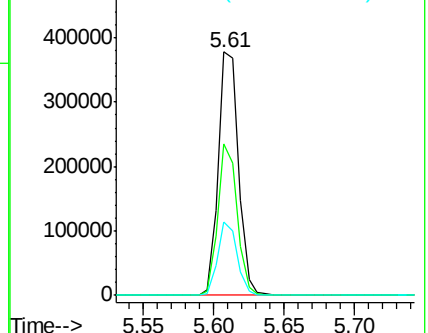
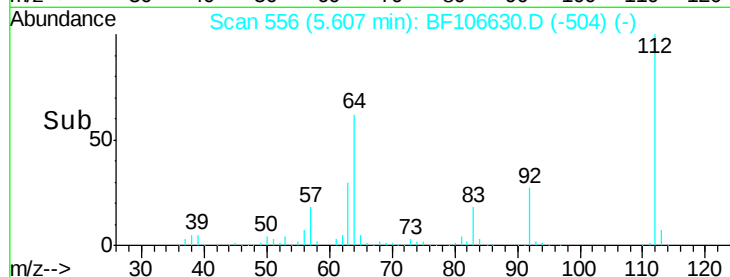
63 30.2 23.7 35.5



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: 25.052 ng

RT: 6.65 min Scan# 733

Delta R.T. 0.02 min

Lab File: BF106630.D

Acq: 20 Jun 2018 20:07

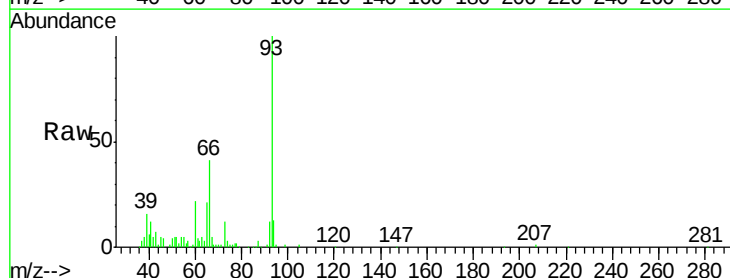
Tgt Ion: 93 Resp: 266736

Ion Ratio Lower Upper

93 100

66 41.3 32.2 48.2

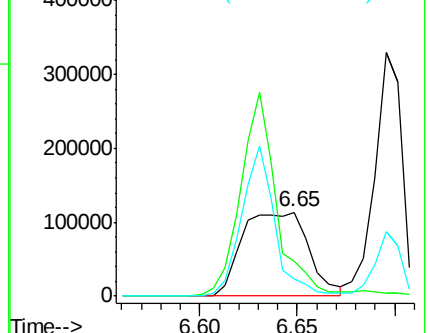
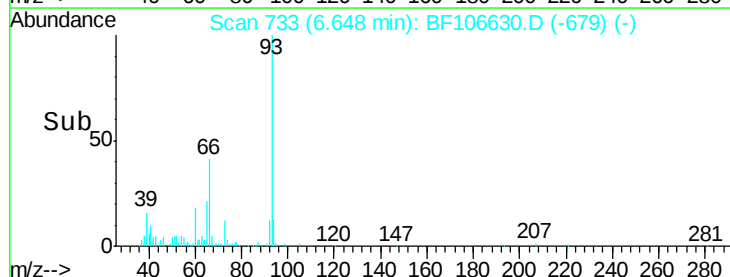
65 20.8 16.4 24.6

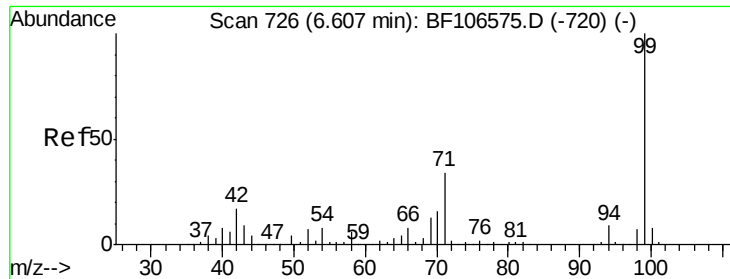


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 38.438 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF106630.D

Acq: 20 Jun 2018 20:07

Instrument :

BNA_F

ClientSampleId :

TPTW-04MS

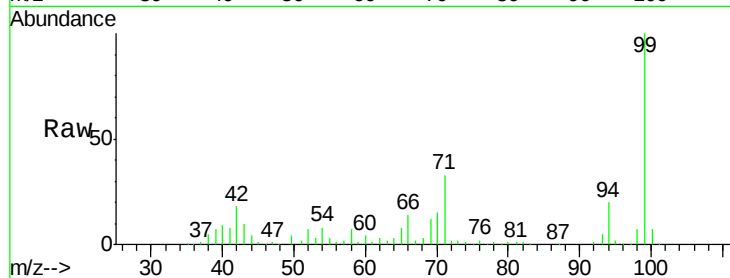
Tgt Ion: 99 Resp: 301699

Ion Ratio Lower Upper

99 100

42 17.9 14.5 21.7

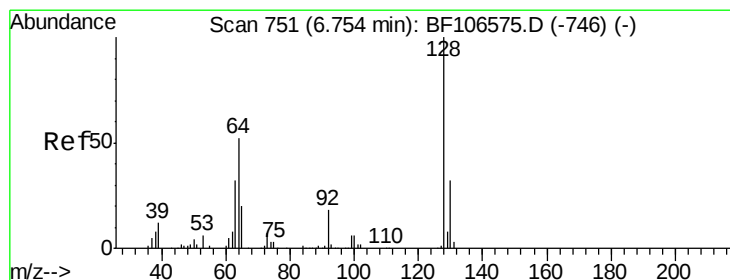
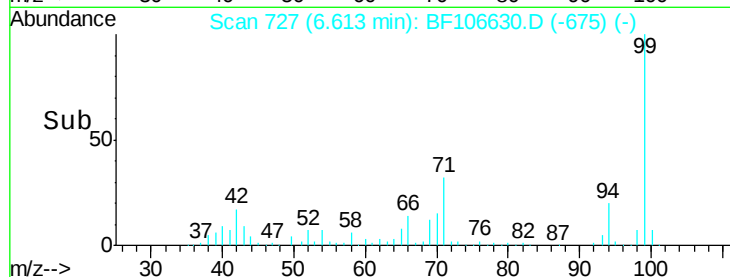
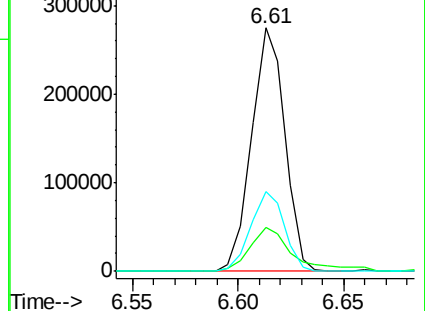
71 32.9 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 34.678 ng

RT: 6.76 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF106630.D

Acq: 20 Jun 2018 20:07

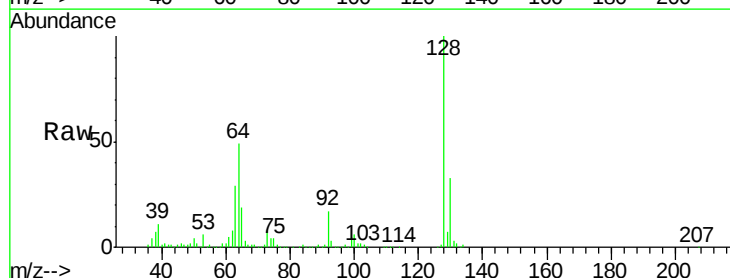
Tgt Ion: 128 Resp: 239058

Ion Ratio Lower Upper

128 100

130 32.7 13.0 53.0

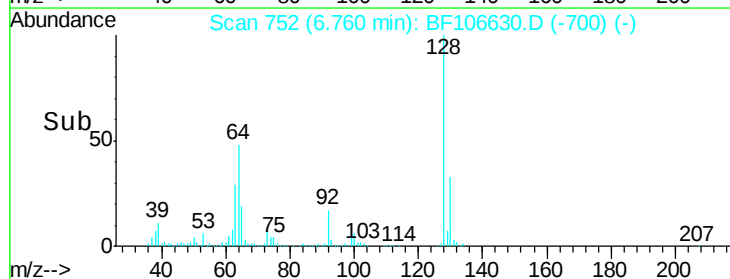
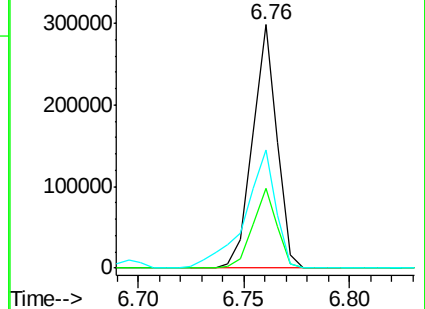
64 48.6 29.4 69.4

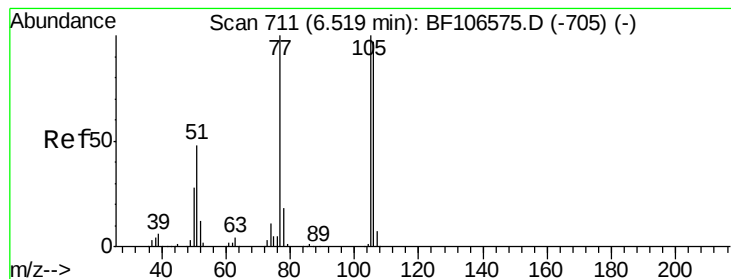


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 16.678 ng

RT: 6.51 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF106630.D

Acq: 20 Jun 2018 20:07

Instrument :

BNA_F

ClientSampleId :

TPTW-04MS

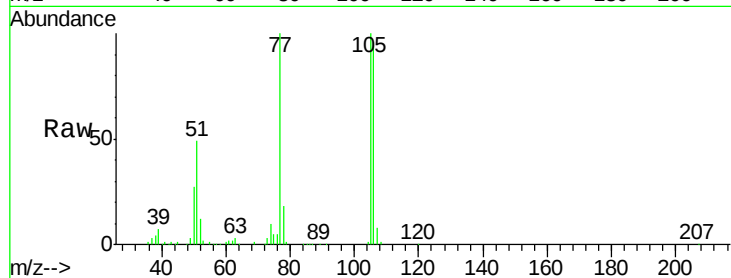
Tgt Ion: 77 Resp: 104246

Ion Ratio Lower Upper

77 100

105 100.2 81.1 121.1

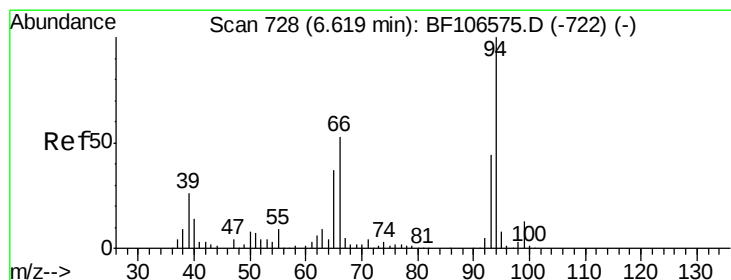
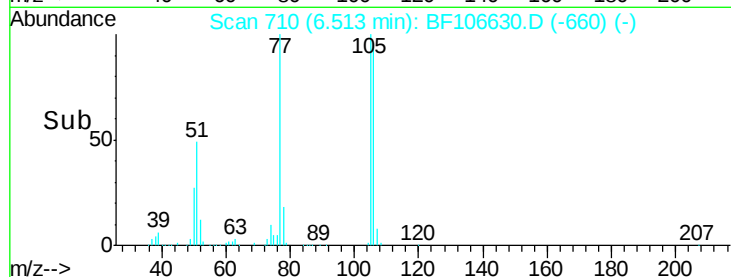
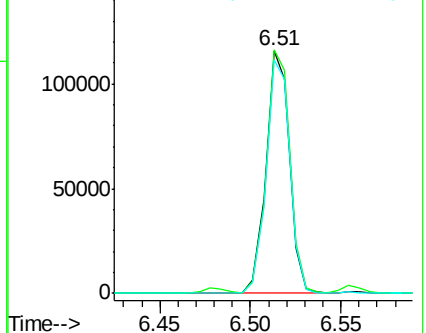
106 95.9 74.5 114.5



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: 75.597 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF106630.D

Acq: 20 Jun 2018 20:07

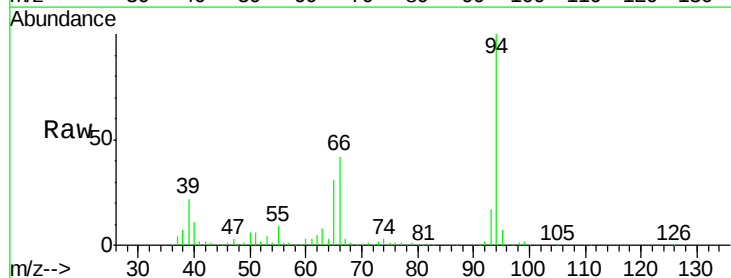
Tgt Ion: 94 Resp: 677166

Ion Ratio Lower Upper

94 100

65 30.9 7.9 47.9

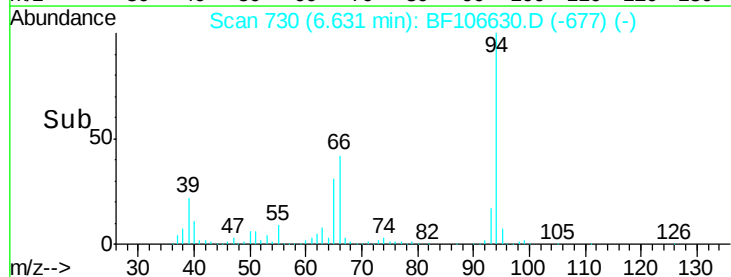
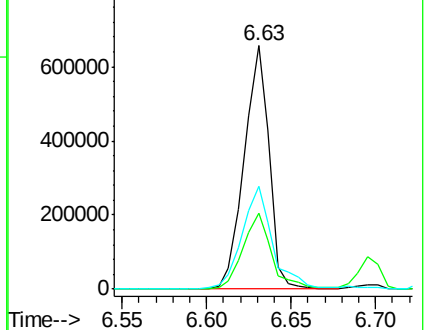
66 42.1 16.2 56.2

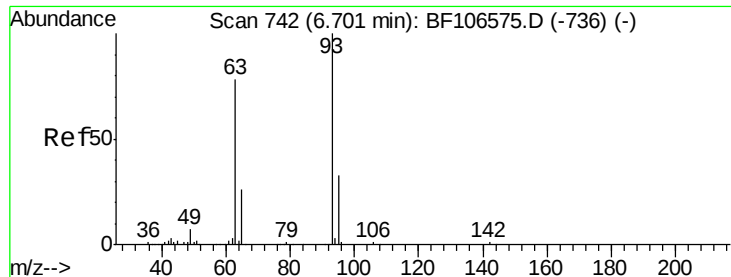


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

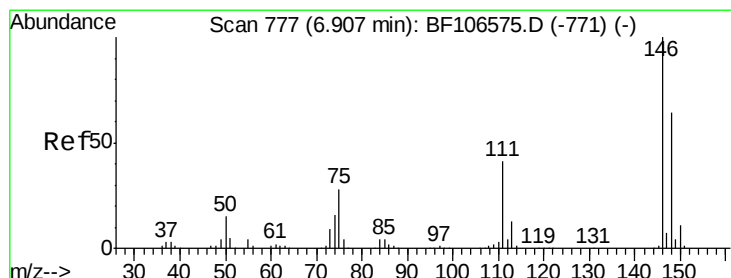
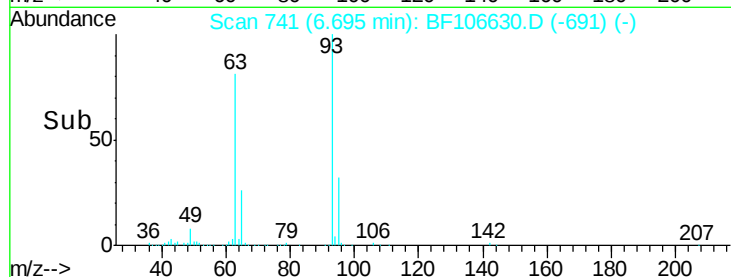
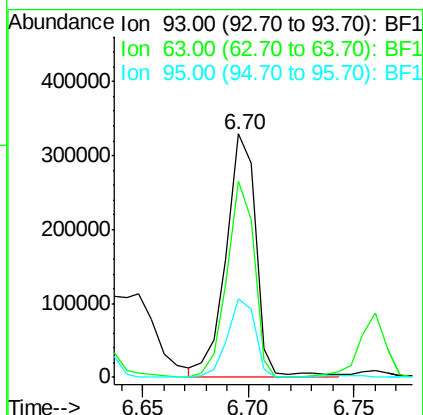
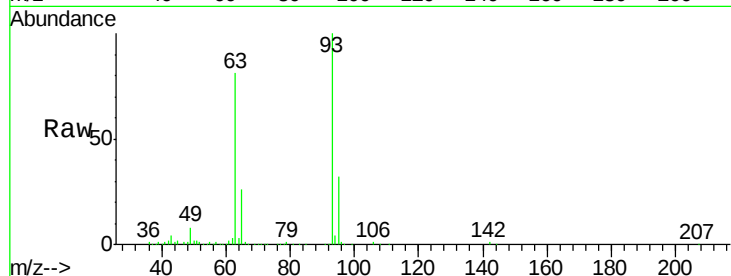




#11
bis(2-Chloroethyl)ether
Concen: 43.643 ng
RT: 6.70 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF106630.D
Acq: 20 Jun 2018 20:07

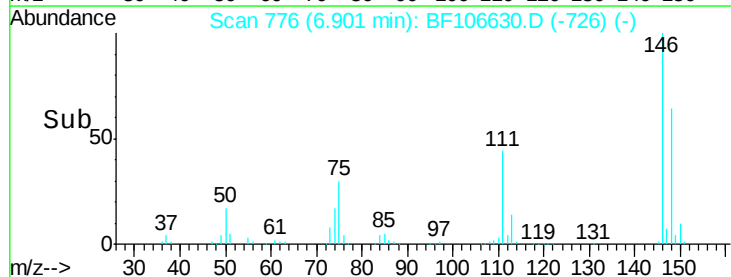
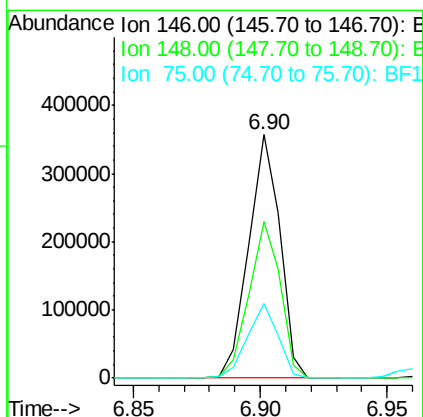
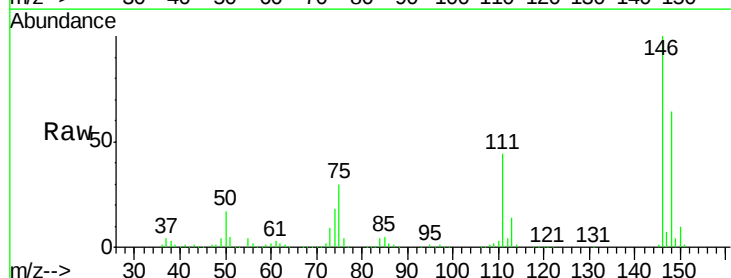
Instrument :
BNA_F
ClientSampleId :
TPTW-04MS

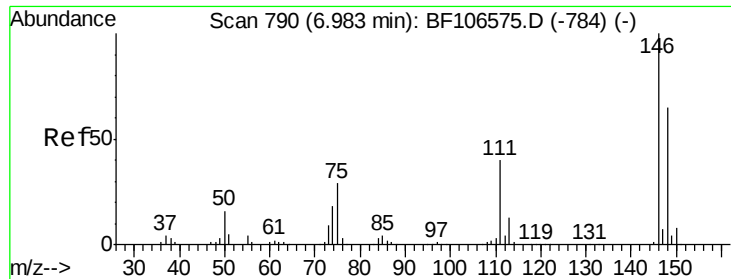
Tgt Ion: 93 Resp: 322741
Ion Ratio Lower Upper
93 100
63 80.8 58.6 98.6
95 32.4 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 38.047 ng
RT: 6.90 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF106630.D
Acq: 20 Jun 2018 20:07

Tgt Ion: 146 Resp: 307196
Ion Ratio Lower Upper
146 100
148 64.1 51.8 77.8
75 30.5 24.2 36.4

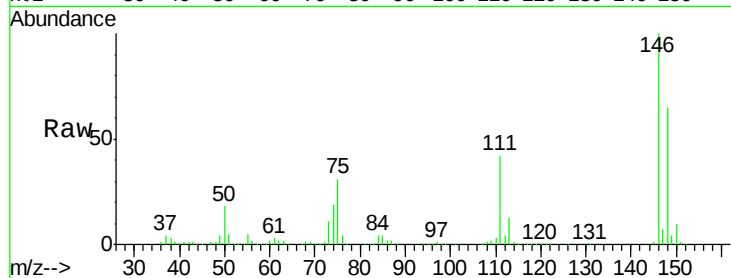




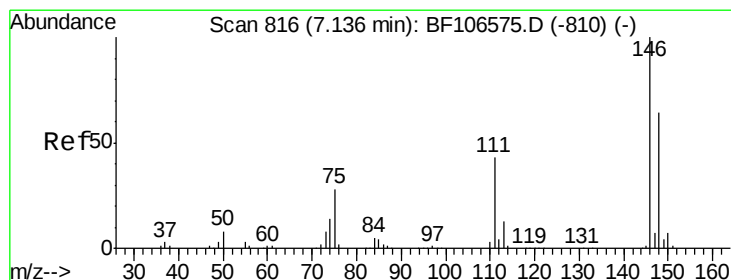
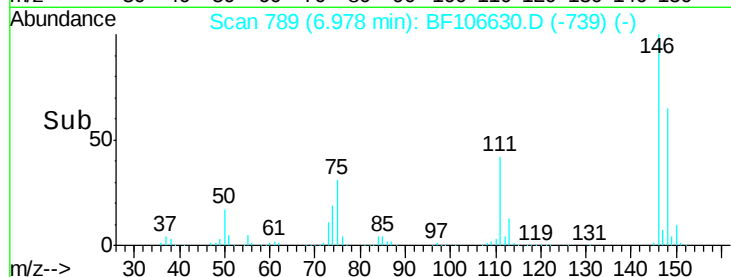
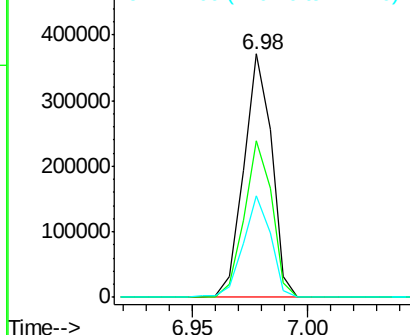
#13
 1,4-Dichlorobenzene
 Concen: 38.394 ng
 RT: 6.98 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF106630.D
 Acq: 20 Jun 2018 20:07

Instrument :
 BNA_F
 ClientSampleId :
 TPTW-04MS

Tgt Ion:146 Resp: 313410
 Ion Ratio Lower Upper
 146 100
 148 64.6 50.8 76.2
 111 41.9 34.2 51.2

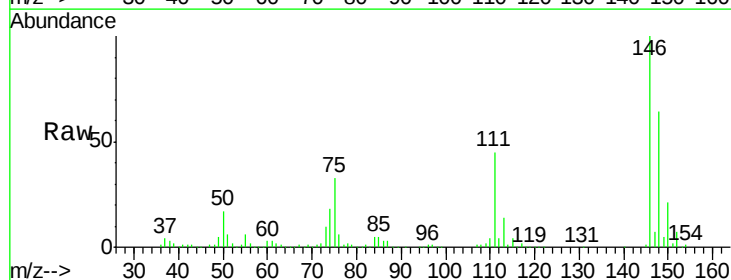


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

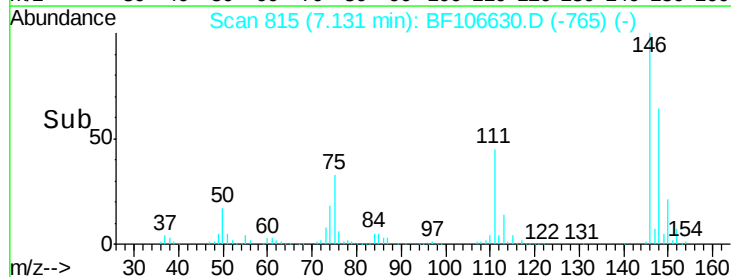
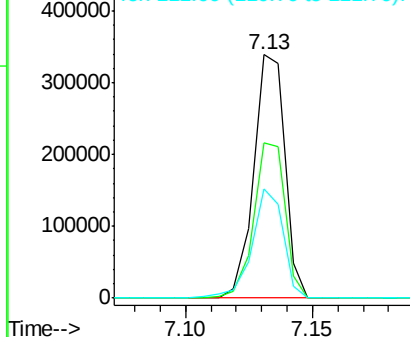


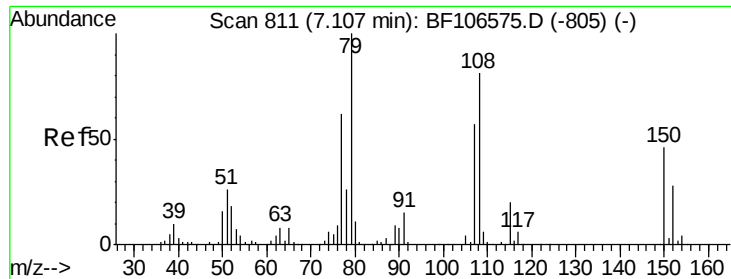
#14
 1,2-Dichlorobenzene
 Concen: 38.992 ng
 RT: 7.13 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF106630.D
 Acq: 20 Jun 2018 20:07

Tgt Ion:146 Resp: 291703
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.6 75.8
 111 44.8 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: 27.084 ng

RT: 7.11 min Scan# 811

Delta R.T. 0.00 min

Lab File: BF106630.D

Acq: 20 Jun 2018 20:07

Instrument :

BNA_F

ClientSampleId :

TPTW-04MS

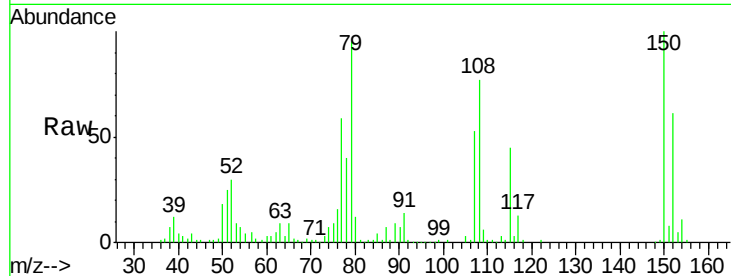
Tgt Ion: 79 Resp: 170699

Ion Ratio Lower Upper

79 100

108 81.5 65.1 97.7

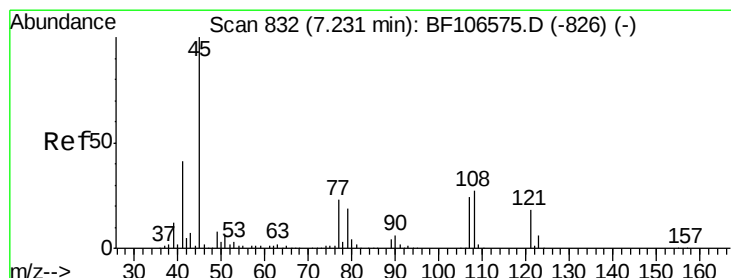
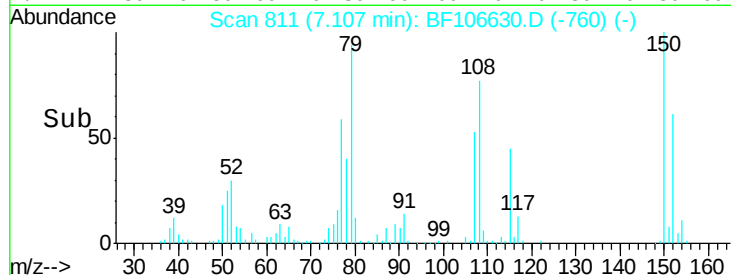
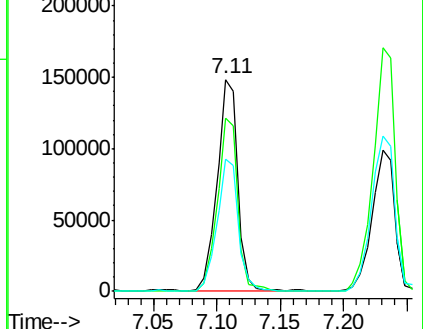
77 62.6 50.6 75.8



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: 45.017 ng

RT: 7.23 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF106630.D

Acq: 20 Jun 2018 20:07

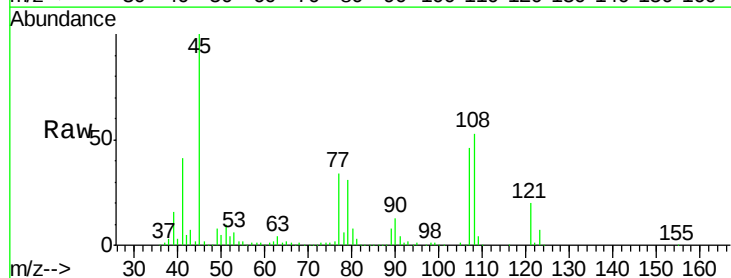
Tgt Ion: 45 Resp: 436781

Ion Ratio Lower Upper

45 100

77 33.7 0.0 32.9#

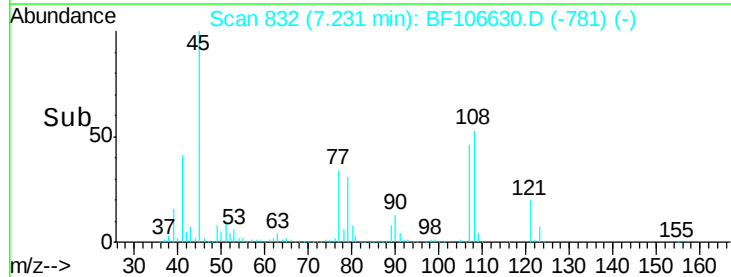
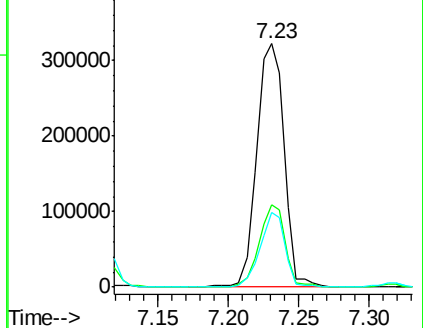
79 30.6 0.0 29.6#

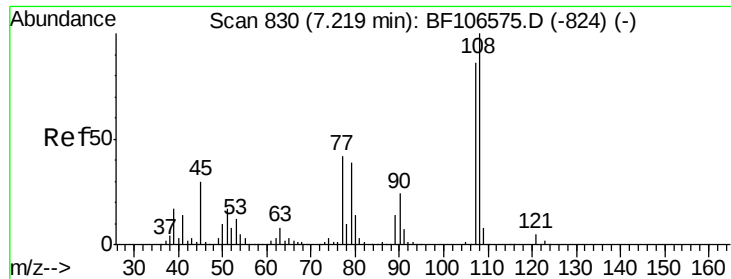


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 31.070 ng

RT: 7.23 min Scan# 832

Delta R.T. 0.01 min

Lab File: BF106630.D

Acq: 20 Jun 2018 20:07

Instrument :

BNA_F

ClientSampleId :

TPTW-04MS

Tgt Ion:107 Resp: 183298

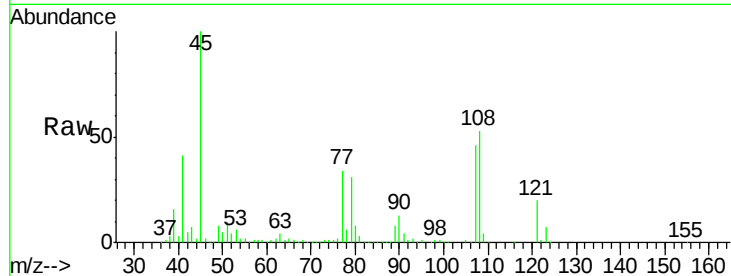
Ion Ratio Lower Upper

107 100

108 114.5 91.7 137.5

77 73.0 33.8 50.8#

79 66.3 33.8 50.8#



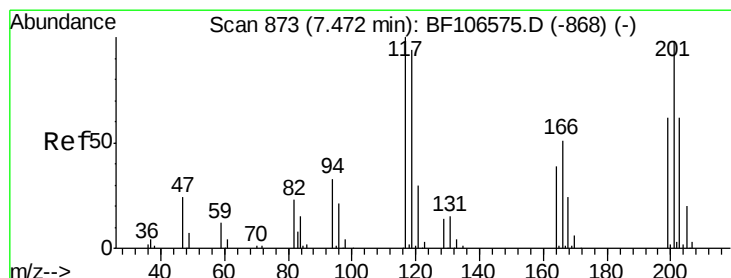
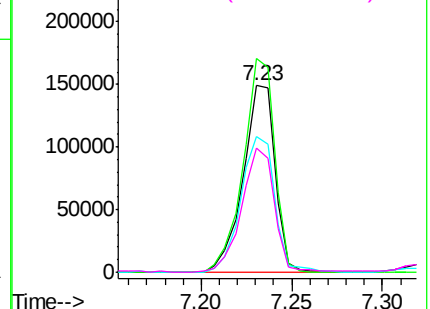
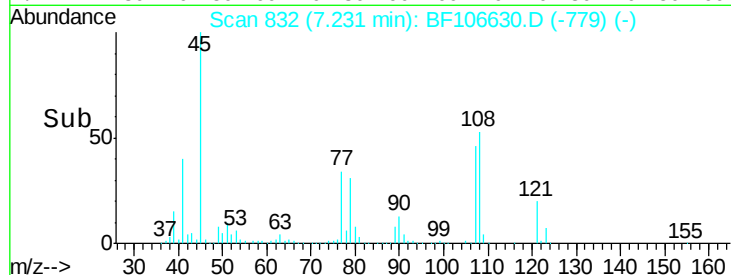
Abundance

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: 39.004 ng

RT: 7.47 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF106630.D

Acq: 20 Jun 2018 20:07

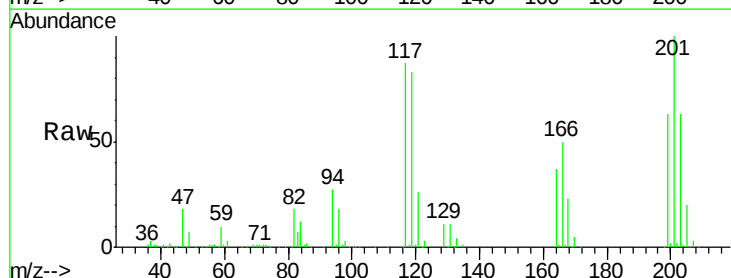
Tgt Ion:117 Resp: 111965

Ion Ratio Lower Upper

117 100

119 94.8 75.8 113.8

201 114.6 75.7 113.5#

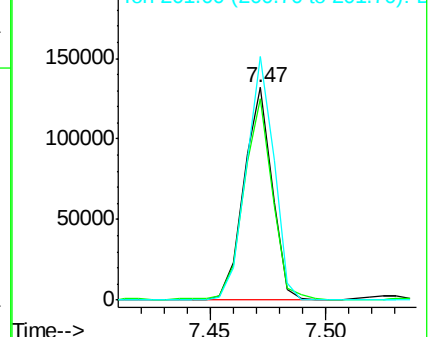
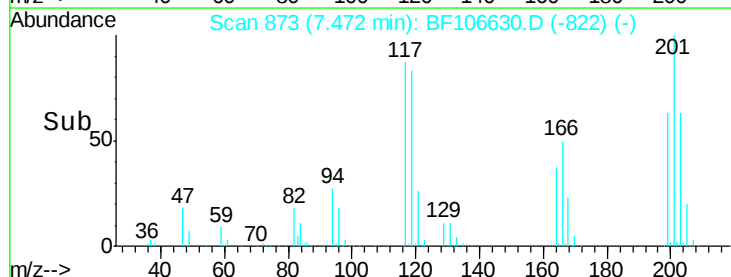


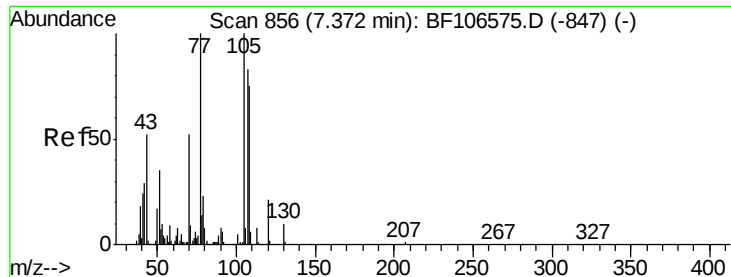
Abundance

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

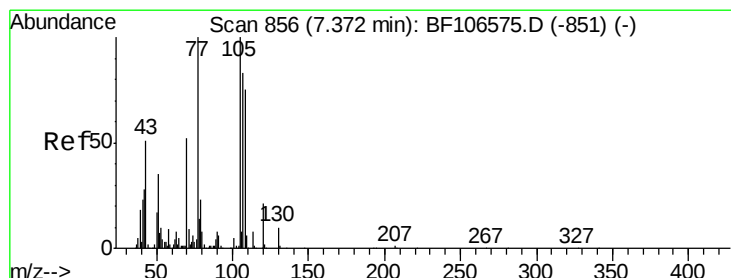
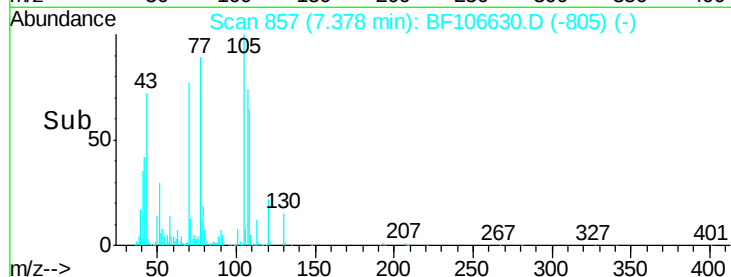
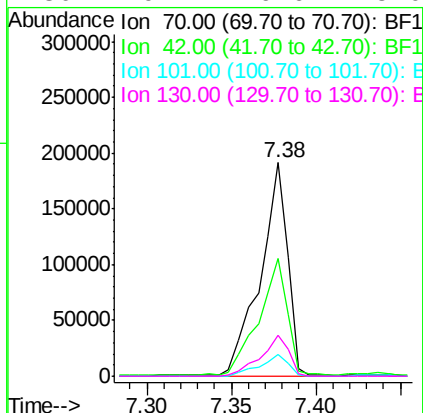
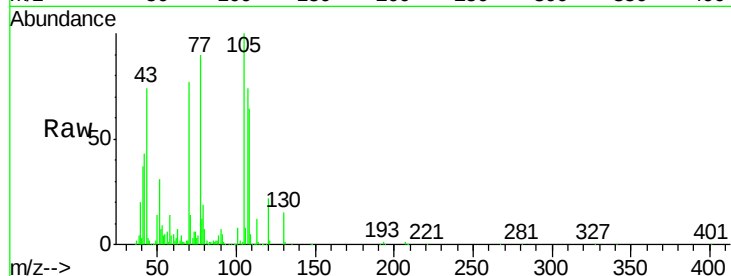




#19
n-Nitroso-di-n-propylamine
Concen: 41.135 ng
RT: 7.38 min Scan# 857
Delta R.T. 0.01 min
Lab File: BF106630.D
Acq: 20 Jun 2018 20:07

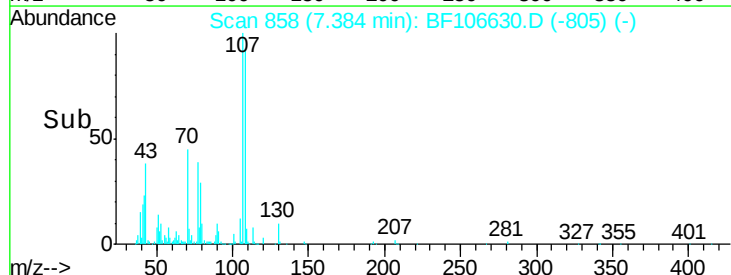
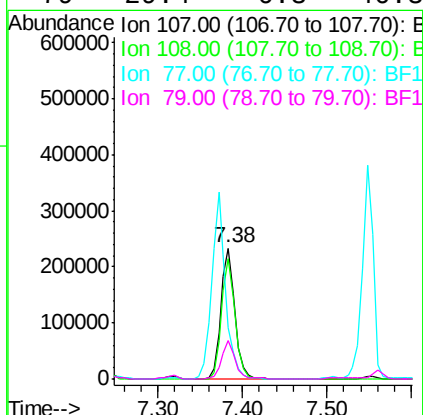
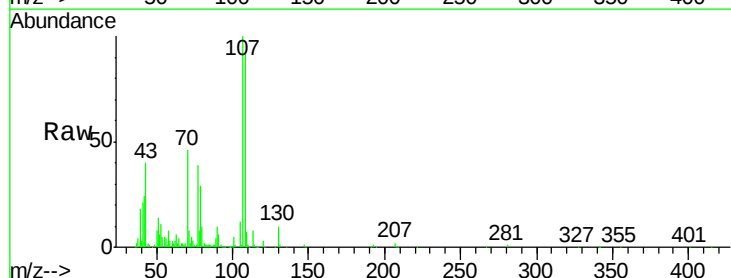
Instrument :
BNA_F
ClientSampleId :
TPTW-04MS

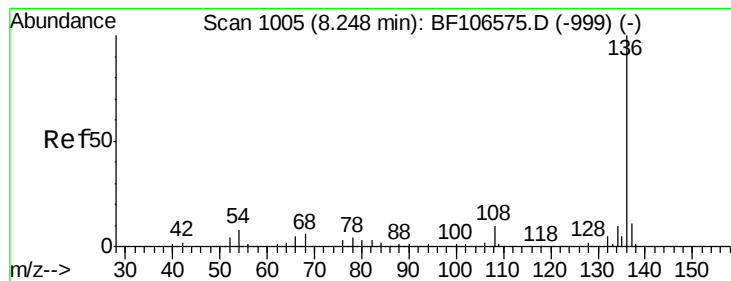
Tgt Ion:	70	Resp:	212827
Ion	Ratio	Lower	Upper
70	100		
42	55.0	47.5	71.3
101	10.2	7.4	11.2
130	19.4	16.6	25.0



#20
3+4-Methylphenols
Concen: 42.347 ng
RT: 7.38 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF106630.D
Acq: 20 Jun 2018 20:07

Tgt Ion:	107	Resp:	274183
Ion	Ratio	Lower	Upper
107	100		
108	92.0	68.2	108.2
77	39.3	26.7	66.7
79	29.4	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1005

Delta R.T. 0.00 min

Lab File: BF106630.D

Acq: 20 Jun 2018 20:07

Instrument :

BNA_F

ClientSampleId :

TPTW-04MS

Tgt Ion:136 Resp: 457920

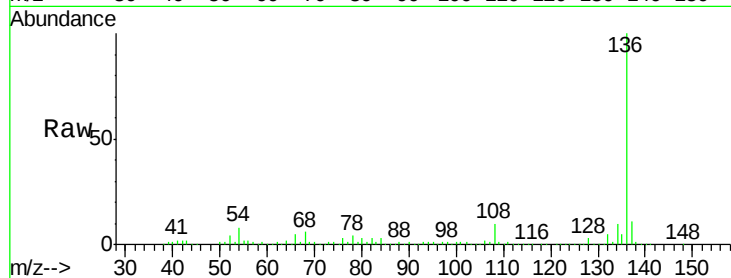
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.3 6.6 9.8

68 6.4 5.0 7.4

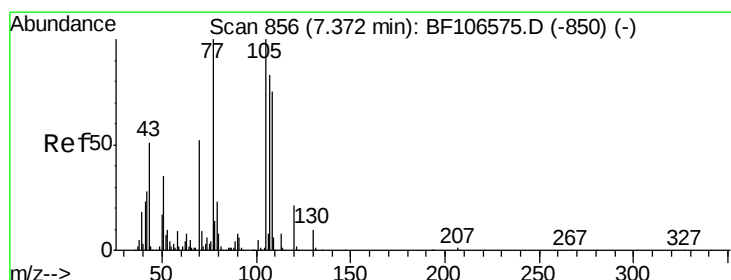
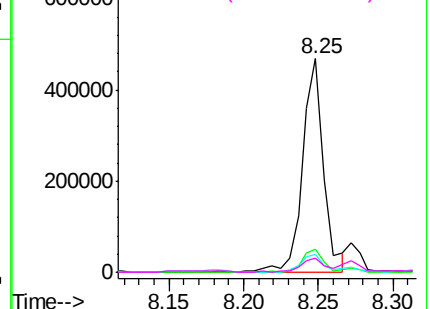
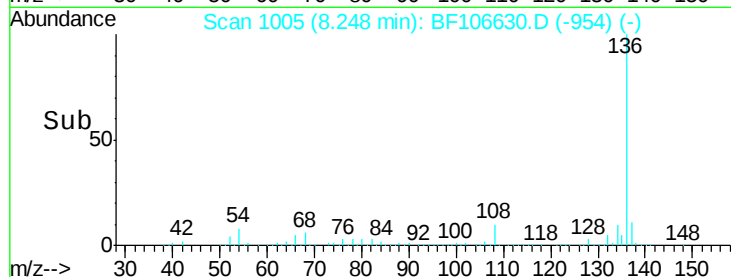


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.364 ng

RT: 7.37 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF106630.D

Acq: 20 Jun 2018 20:07

Tgt Ion:105 Resp: 413519

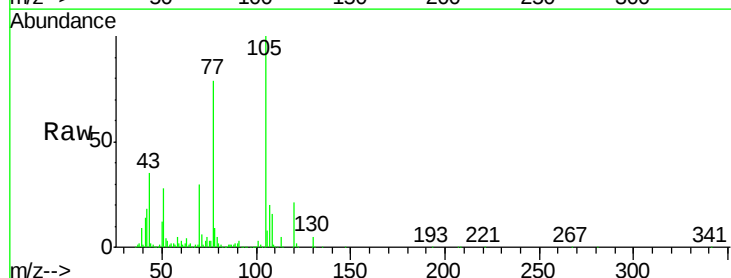
Ion Ratio Lower Upper

105 100

71 5.5 4.4 6.6

51 28.1 22.3 33.5

120 20.8 16.9 25.3

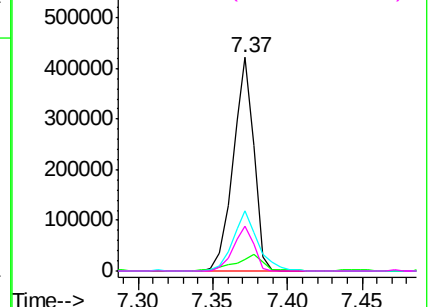
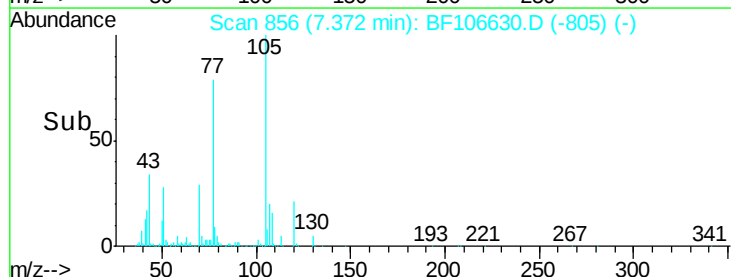


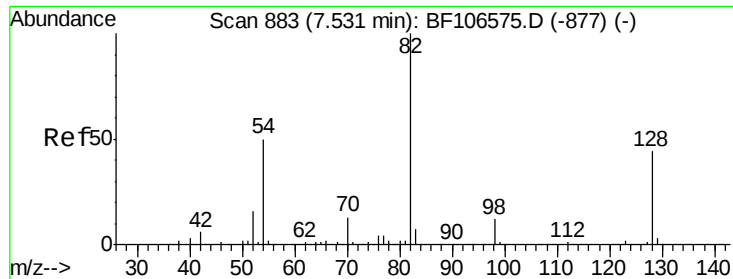
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

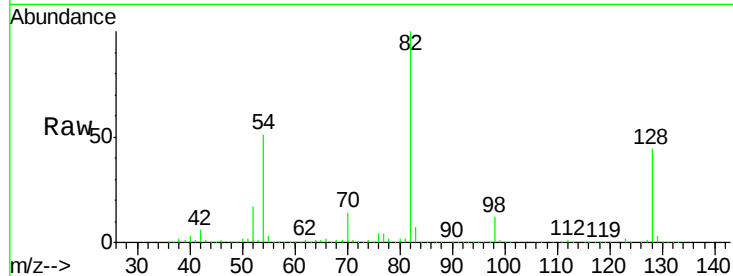




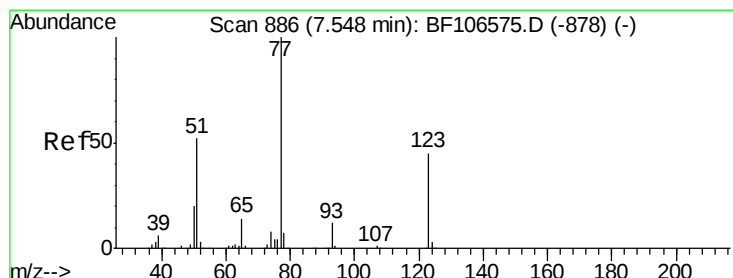
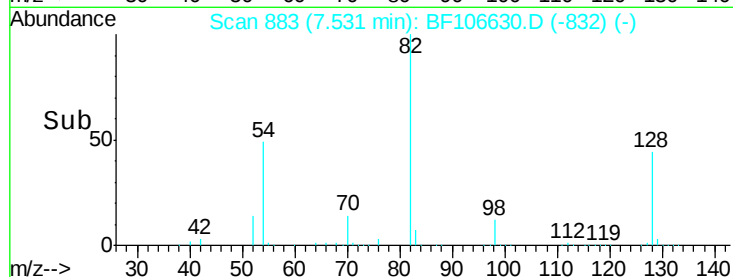
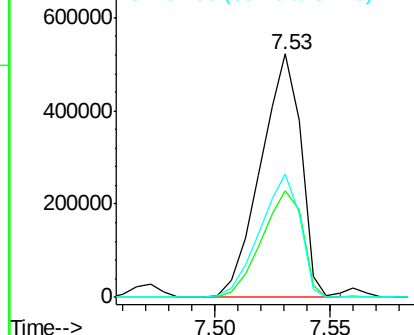
#23
Nitrobenzene-d5
Concen: 76.941 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF106630.D
Acq: 20 Jun 2018 20:07

Instrument :
BNA_F
ClientSampleId :
TPTW-04MS

Tgt Ion: 82 Resp: 633982
Ion Ratio Lower Upper
82 100
128 43.7 36.1 54.1
54 50.7 41.4 62.2

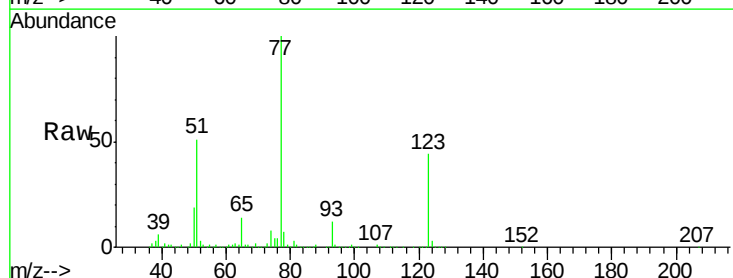


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

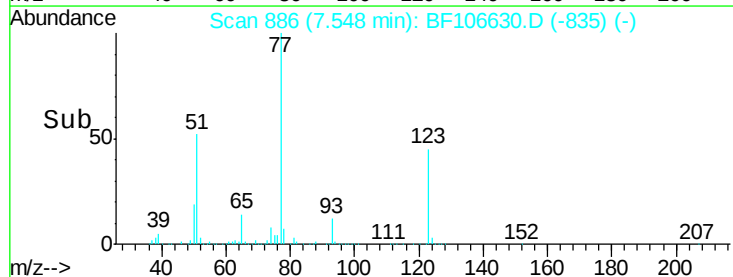
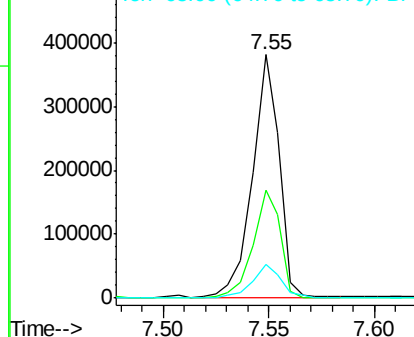


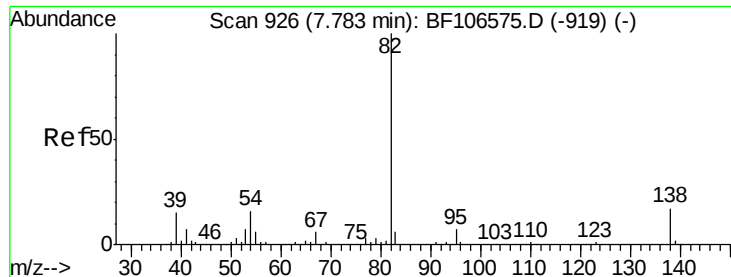
#24
Nitrobenzene
Concen: 39.522 ng
RT: 7.55 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF106630.D
Acq: 20 Jun 2018 20:07

Tgt Ion: 77 Resp: 332480
Ion Ratio Lower Upper
77 100
123 44.3 37.9 56.9
65 14.0 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: 42.500 ng

RT: 7.79 min Scan# 927

Delta R.T. 0.01 min

Lab File: BF106630.D

Acq: 20 Jun 2018 20:07

Instrument :

BNA_F

ClientSampleId :

TPTW-04MS

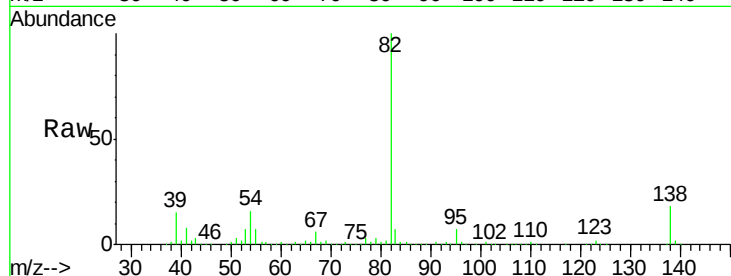
Tgt Ion: 82 Resp: 617102

Ion Ratio Lower Upper

82 100

95 7.0 5.2 7.8

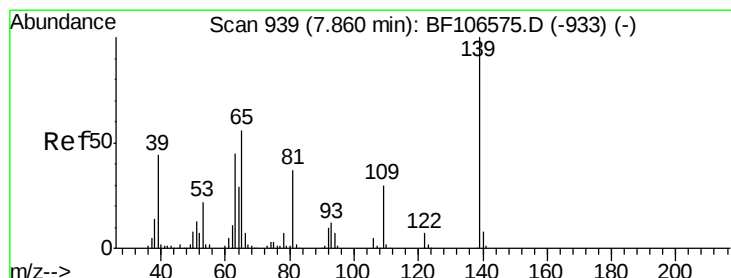
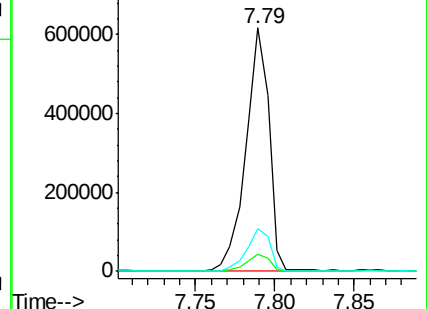
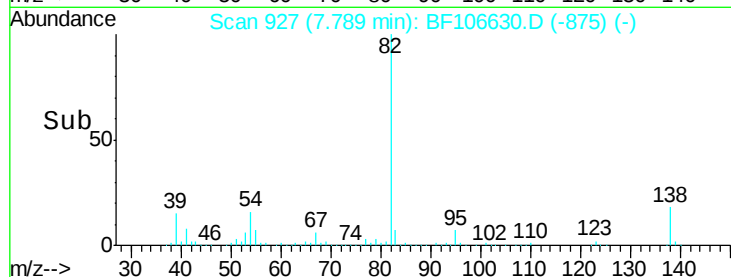
138 17.7 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 40.814 ng

RT: 7.86 min Scan# 939

Delta R.T. 0.00 min

Lab File: BF106630.D

Acq: 20 Jun 2018 20:07

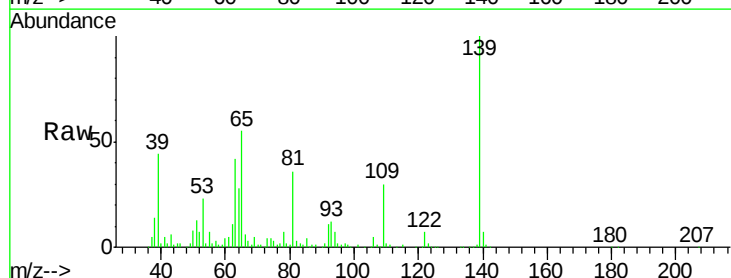
Tgt Ion: 139 Resp: 162085

Ion Ratio Lower Upper

139 100

109 30.4 22.7 34.1

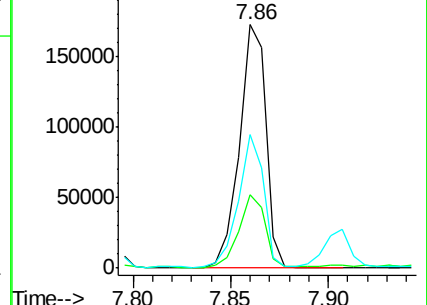
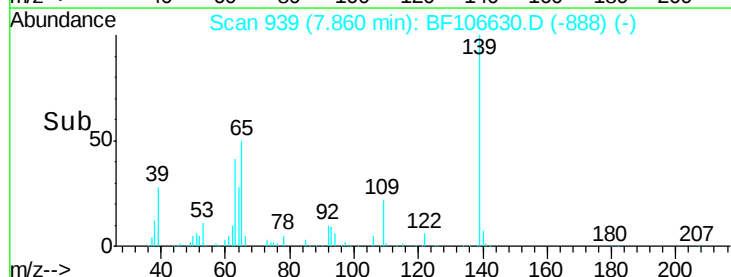
65 55.0 40.5 60.7

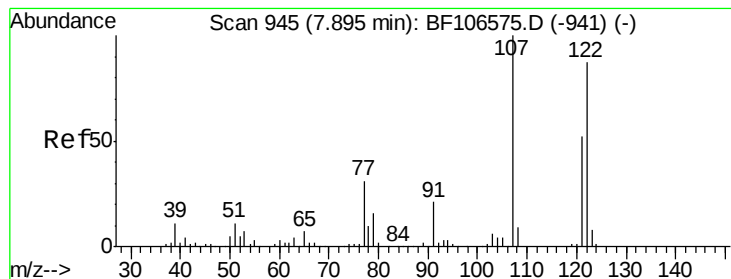


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 42.650 ng

RT: 7.91 min Scan# 947

Delta R.T. 0.01 min

Lab File: BF106630.D

Acq: 20 Jun 2018 20:07

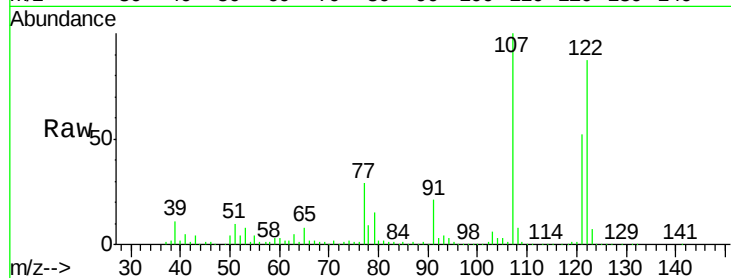
Instrument :

BNA_F

ClientSampleId :

TPTW-04MS

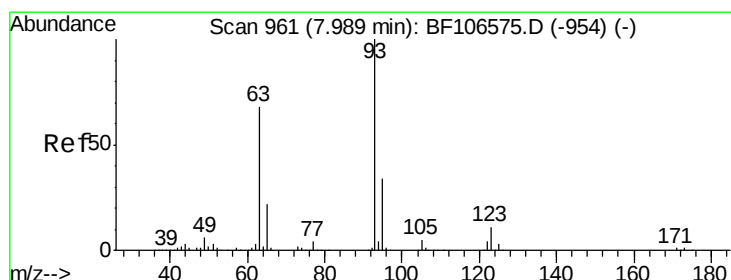
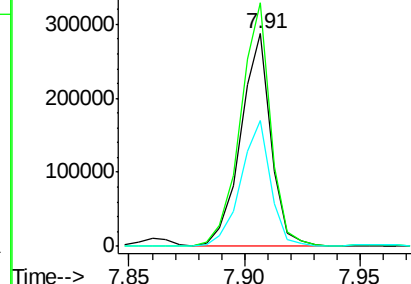
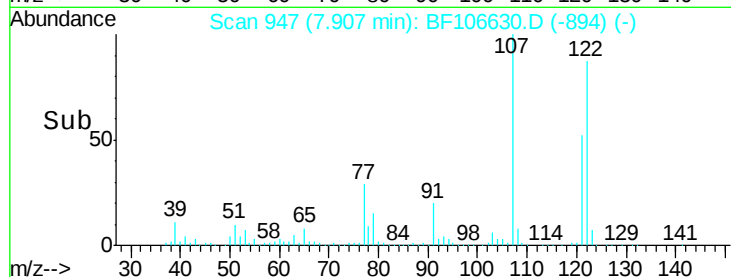
Tgt Ion:	122	Resp:	261801
Ion	Ratio	Lower	Upper
122	100		
107	114.7	91.2	136.8
121	59.1	47.2	70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.170 ng

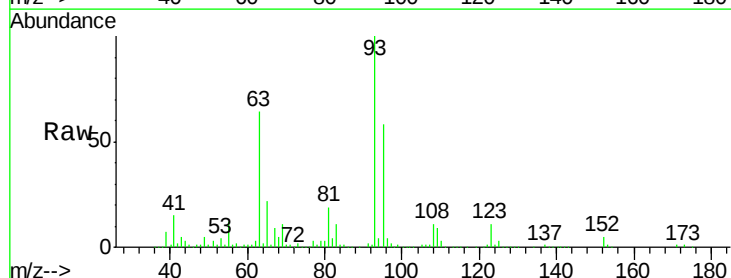
RT: 7.99 min Scan# 961

Delta R.T. 0.00 min

Lab File: BF106630.D

Acq: 20 Jun 2018 20:07

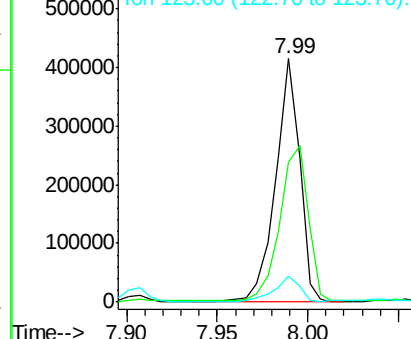
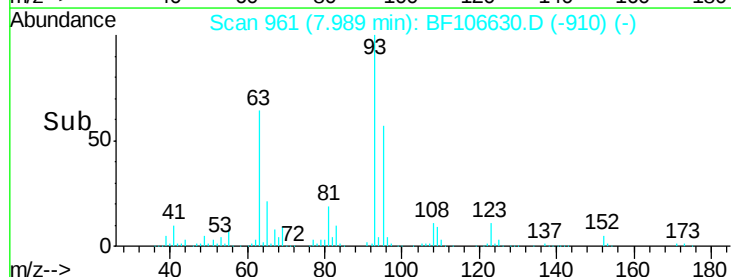
Tgt Ion:	93	Resp:	381868
Ion	Ratio	Lower	Upper
93	100		
95	57.5	26.3	39.5#
123	10.6	9.8	14.6

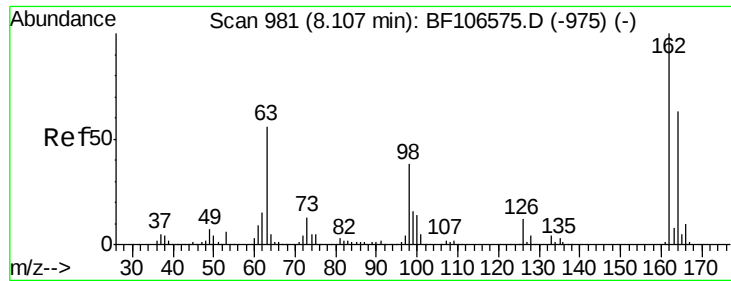


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

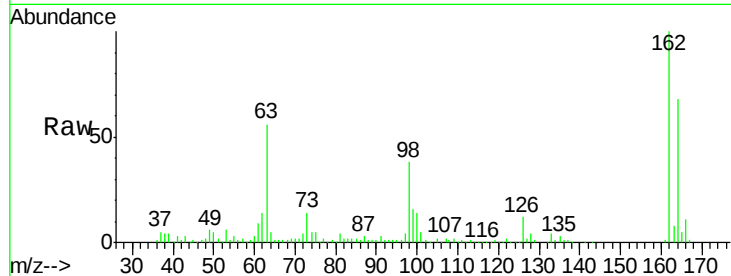




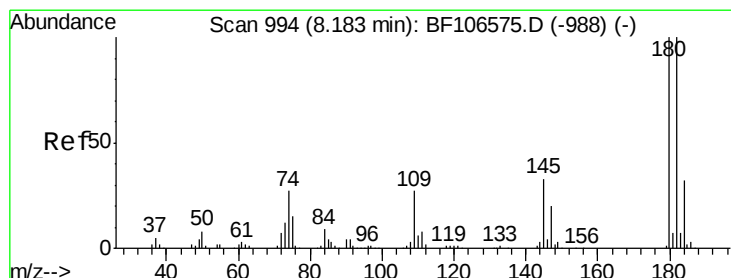
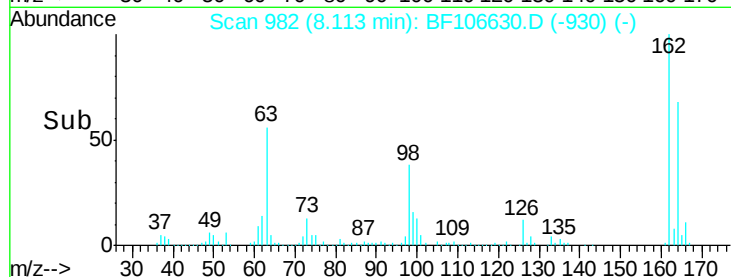
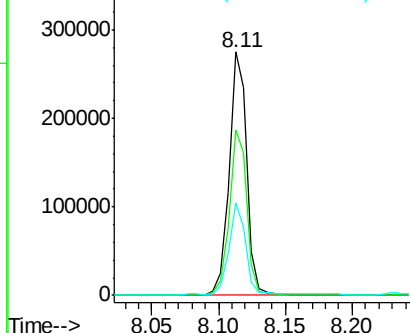
#29
2,4-Dichlorophenol
Concen: 39.687 ng
RT: 8.11 min Scan# 982
Delta R.T. 0.01 min
Lab File: BF106630.D
Acq: 20 Jun 2018 20:07

Instrument :
BNA_F
ClientSampleId :
TPTW-04MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	68.0	42.7	82.7
98	38.0	18.1	58.1

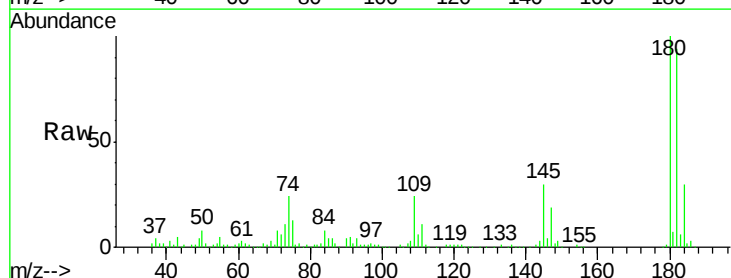


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

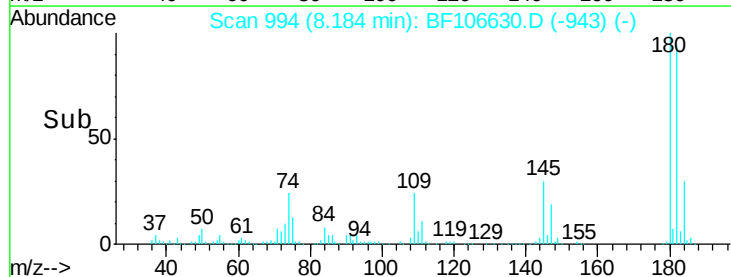
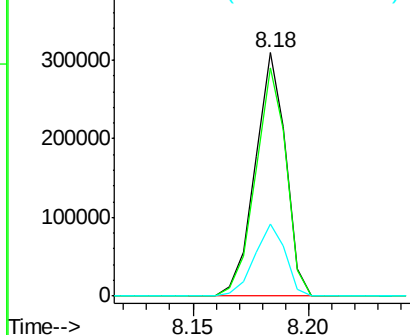


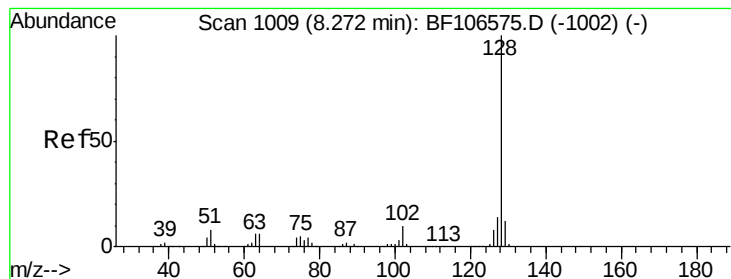
#30
1,2,4-Trichlorobenzene
Concen: 40.171 ng
RT: 8.18 min Scan# 994
Delta R.T. 0.00 min
Lab File: BF106630.D
Acq: 20 Jun 2018 20:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.6	76.8	115.2
145	29.8	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: 35.425 ng

RT: 8.27 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BF106630.D

Acq: 20 Jun 2018 20:07

Instrument :

BNA_F

ClientSampleId :

TPTW-04MS

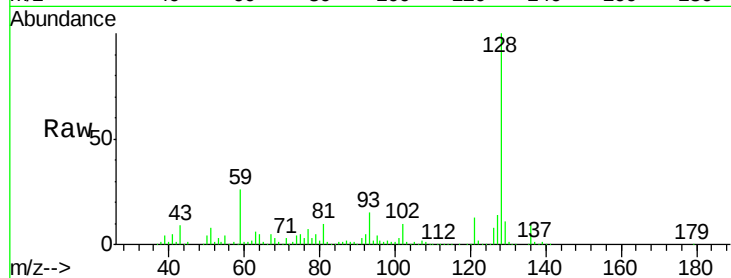
Tgt Ion:128 Resp: 758421

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

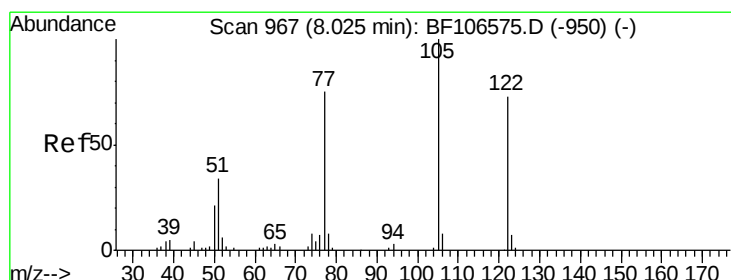
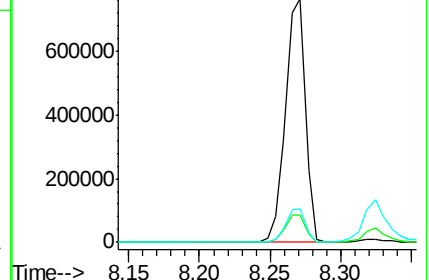
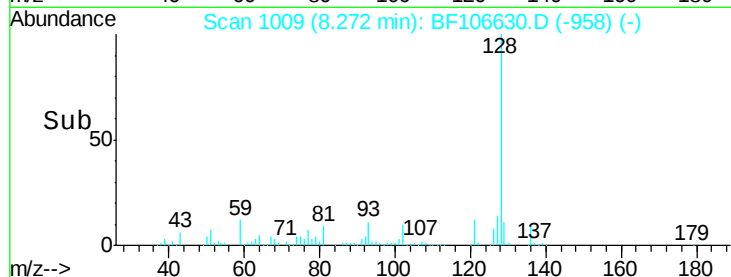
127 13.8 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 43.298 ng

RT: 8.10 min Scan# 980

Delta R.T. 0.08 min

Lab File: BF106630.D

Acq: 20 Jun 2018 20:07

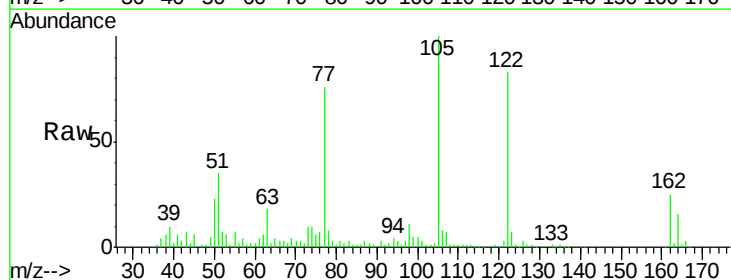
Tgt Ion:122 Resp: 190474

Ion Ratio Lower Upper

122 100

105 121.0 101.1 141.1

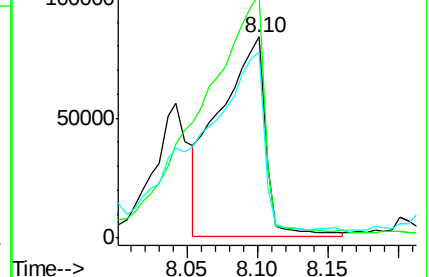
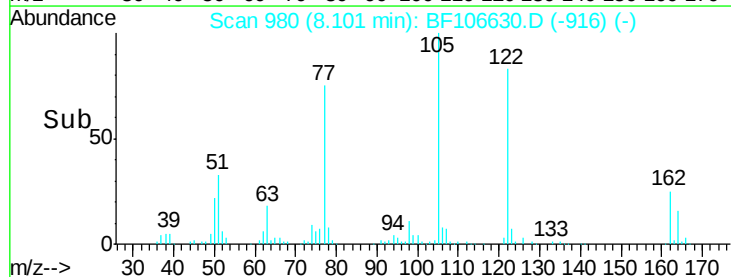
77 92.5 70.7 110.7

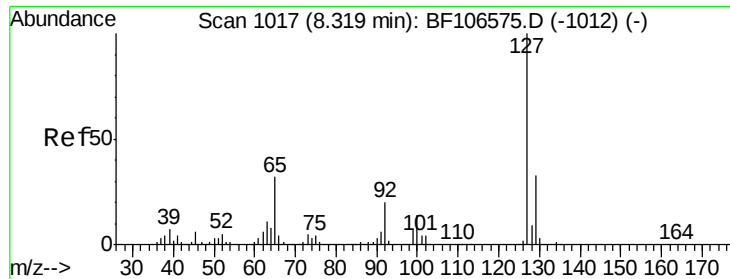


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

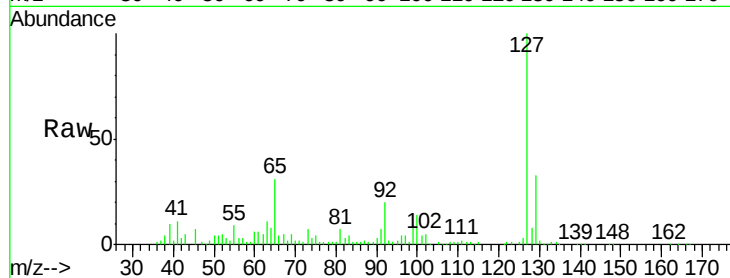




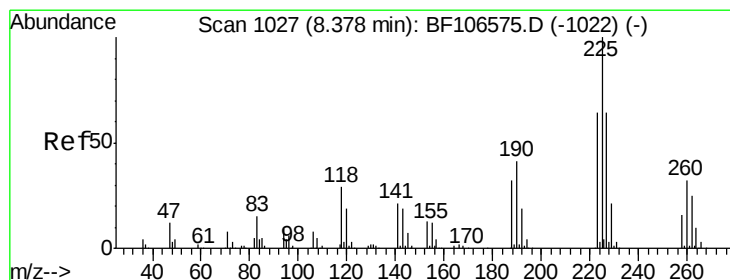
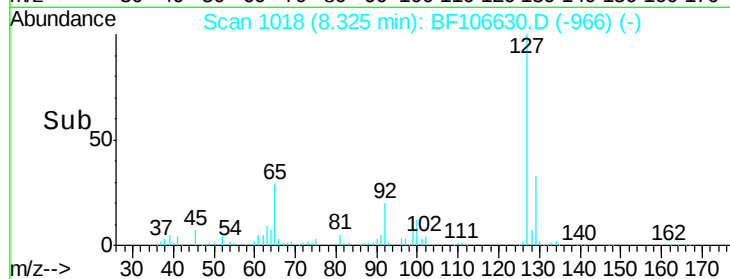
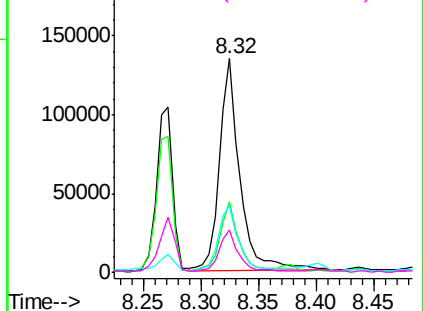
#33
4-Chloroaniline
Concen: 18.399 ng
RT: 8.32 min Scan# 1018
Delta R.T. 0.01 min
Lab File: BF106630.D
Acq: 20 Jun 2018 20:07

Instrument :
BNA_F
ClientSampleId :
TPTW-04MS

Tgt Ion:	127	Resp:	165278
Ion	Ratio	Lower	Upper
127	100		
129	33.1	25.9	38.9
65	31.4	25.0	37.4
92	20.0	15.2	22.8

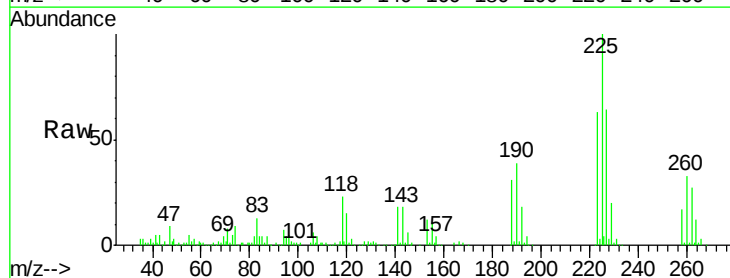


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

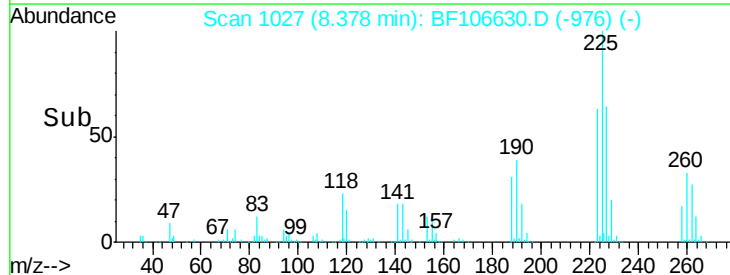
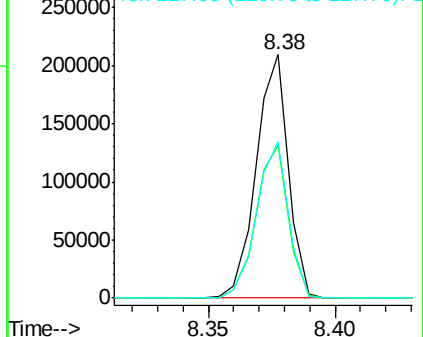


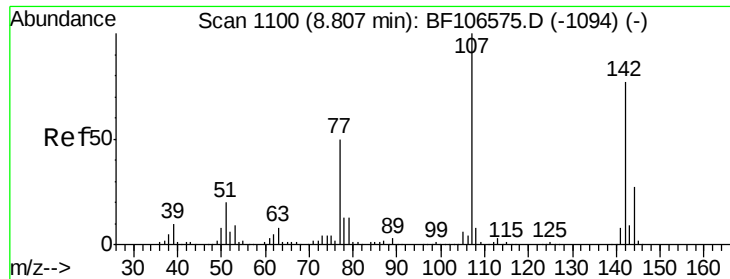
#34
Hexachlorobutadiene
Concen: 39.754 ng
RT: 8.38 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF106630.D
Acq: 20 Jun 2018 20:07

Tgt Ion:	225	Resp:	183384
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.6	76.0
227	64.3	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

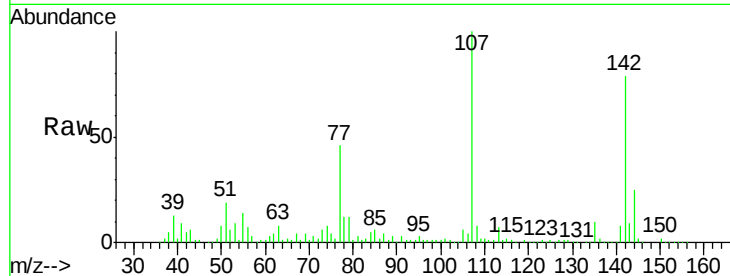




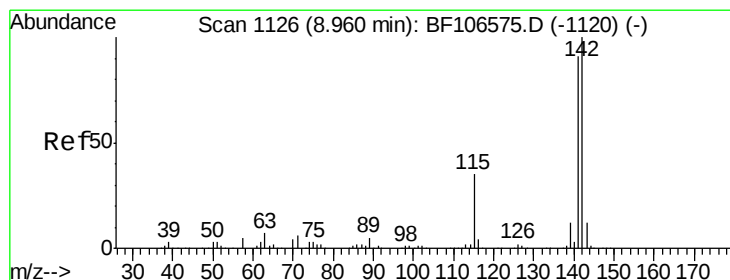
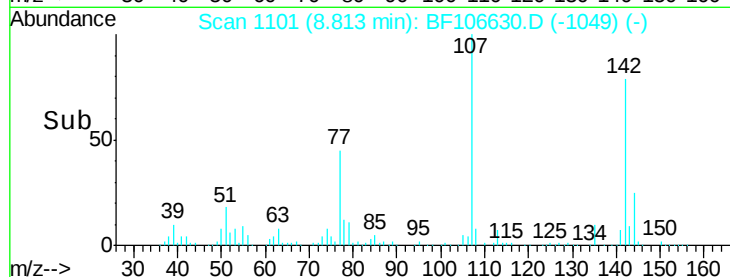
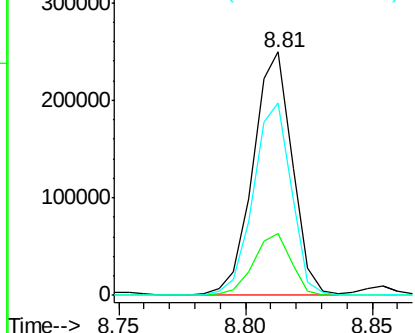
#36
 4-Chloro-3-methylphenol
 Concen: 39.637 ng
 RT: 8.81 min Scan# 1101
 Delta R.T. 0.01 min
 Lab File: BF106630.D
 Acq: 20 Jun 2018 20:07

Instrument :
 BNA_F
 ClientSampleId :
 TPTW-04MS

Tgt Ion:107 Resp: 268112
 Ion Ratio Lower Upper
 107 100
 144 25.3 20.5 30.7
 142 78.8 62.0 93.0

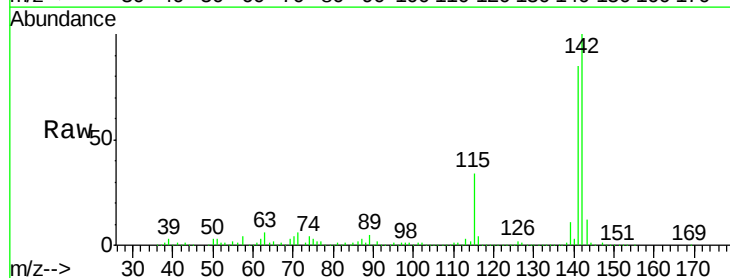


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

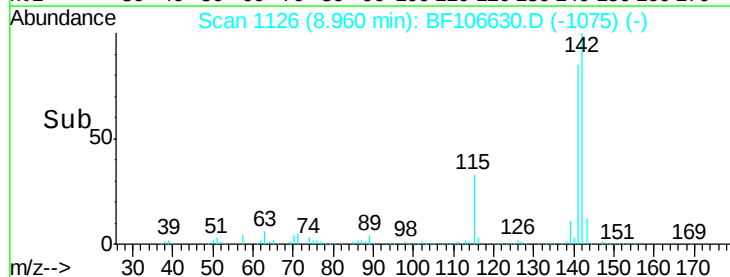
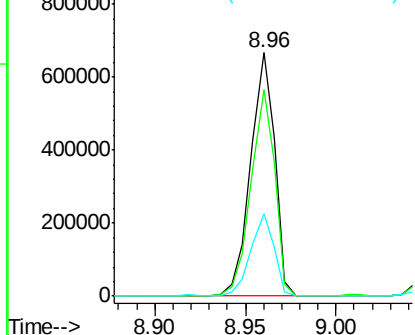


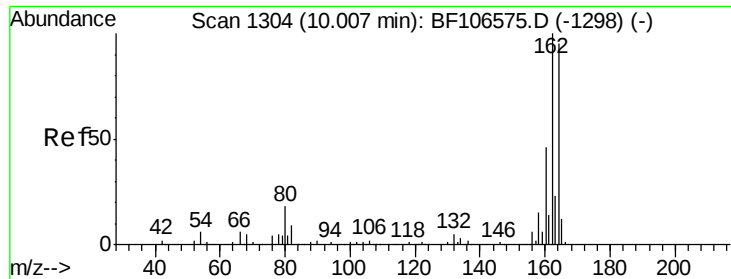
#37
 2-Methylnaphthalene
 Concen: 43.382 ng
 RT: 8.96 min Scan# 1126
 Delta R.T. 0.00 min
 Lab File: BF106630.D
 Acq: 20 Jun 2018 20:07

Tgt Ion:142 Resp: 615616
 Ion Ratio Lower Upper
 142 100
 141 84.7 70.8 106.2
 115 34.1 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: 10.01 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BF106630.D

Acq: 20 Jun 2018 20:07

Instrument :

BNA_F

ClientSampleId :

TPTW-04MS

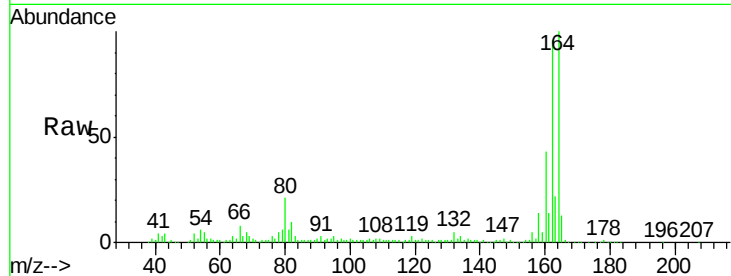
Tgt Ion:164 Resp: 225497

Ion Ratio Lower Upper

164 100

162 96.2 86.1 129.1

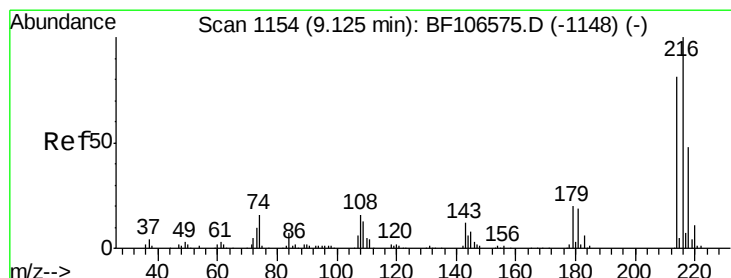
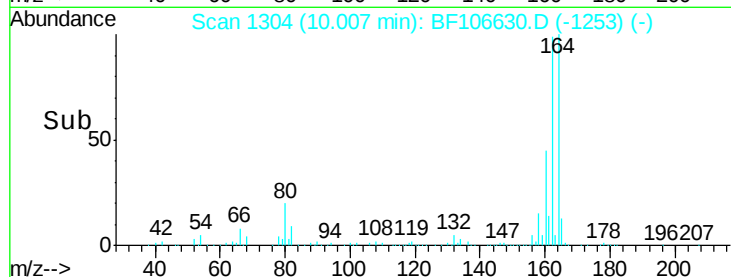
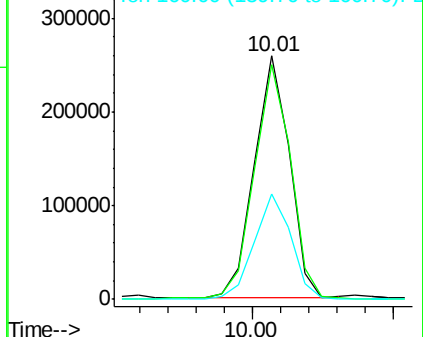
160 43.3 38.3 57.5



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: 42.543 ng

RT: 9.12 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF106630.D

Acq: 20 Jun 2018 20:07

Tgt Ion:216 Resp: 323072

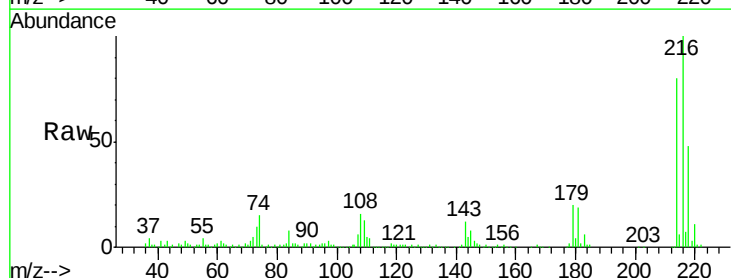
Ion Ratio Lower Upper

216 100

214 79.7 63.0 94.4

179 19.7 18.1 27.1

108 18.2 17.2 25.8

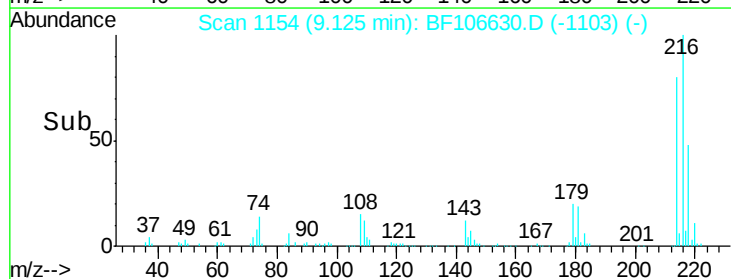
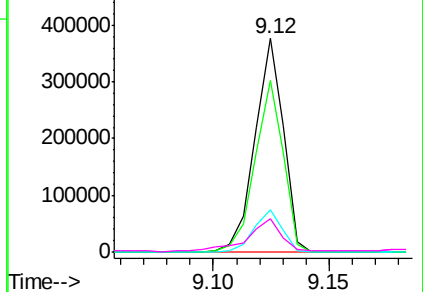


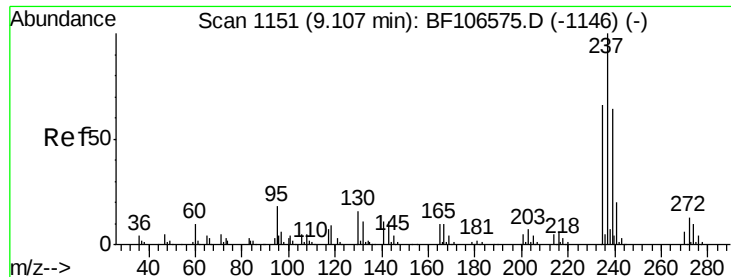
Abundance Ion 216.00 (215.70 to 216.70): E

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

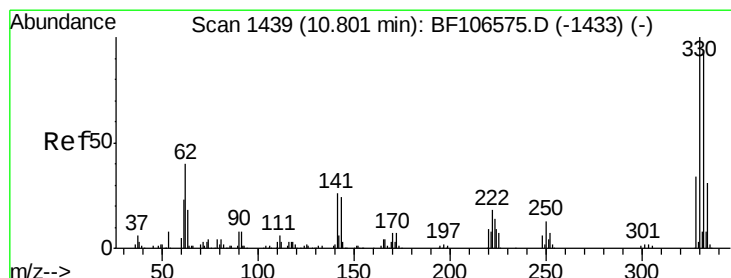
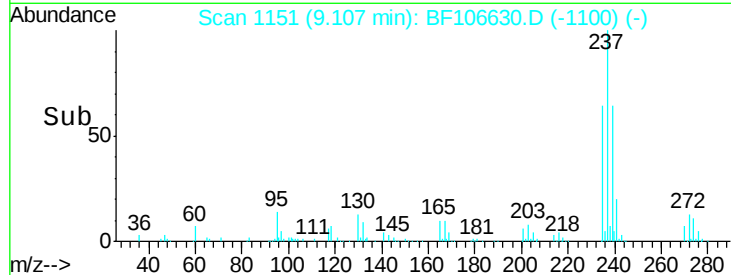
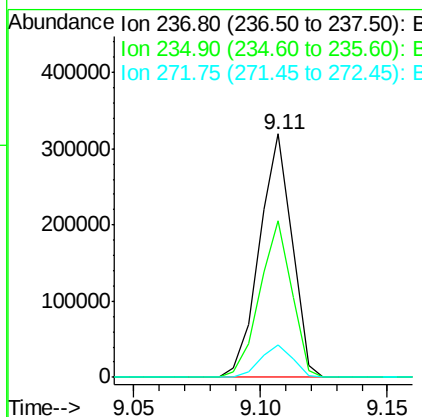
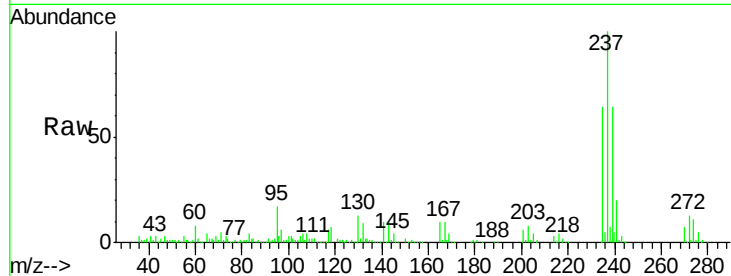




#40
Hexachlorocyclopentadiene
Concen: 72.990 ng
RT: 9.11 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF106630.D
Acq: 20 Jun 2018 20:07

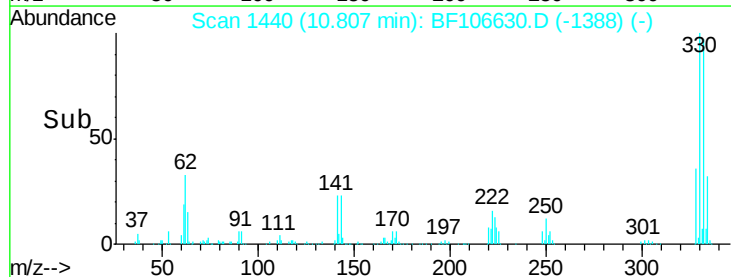
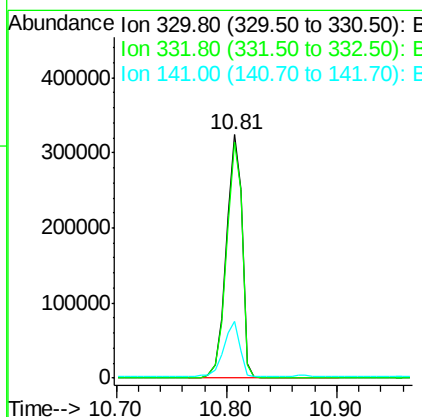
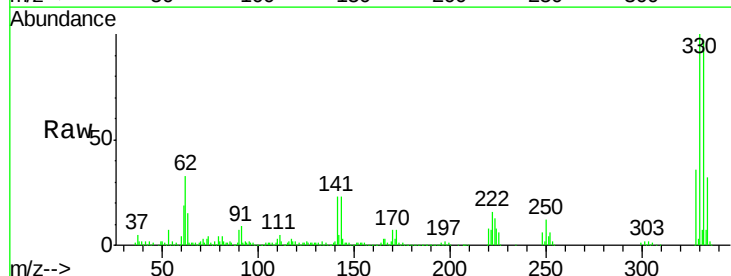
Instrument :
BNA_F
ClientSampleId :
TPTW-04MS

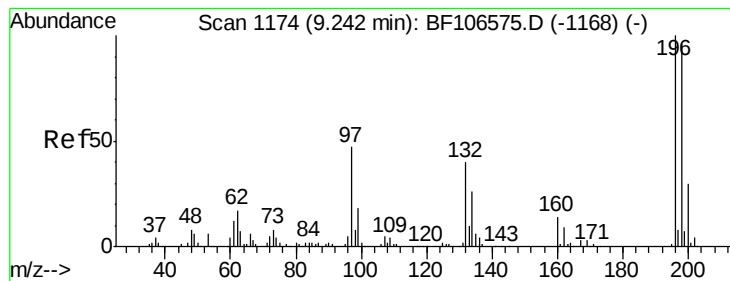
Tgt Ion: 237 Resp: 285180
Ion Ratio Lower Upper
237 100
235 64.4 44.8 84.8
272 13.4 0.0 33.3



#41
2,4,6-Tribromophenol
Concen: 124.532 ng
RT: 10.81 min Scan# 1440
Delta R.T. 0.01 min
Lab File: BF106630.D
Acq: 20 Jun 2018 20:07

Tgt Ion: 330 Resp: 325472
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.6
141 22.5 29.9 44.9#





#42

2,4,6-Trichlorophenol

Concen: 40.145 ng

RT: 9.24 min Scan# 1174

Delta R.T. 0.00 min

Lab File: BF106630.D

Acq: 20 Jun 2018 20:07

Instrument :

BNA_F

ClientSampleId :

TPTW-04MS

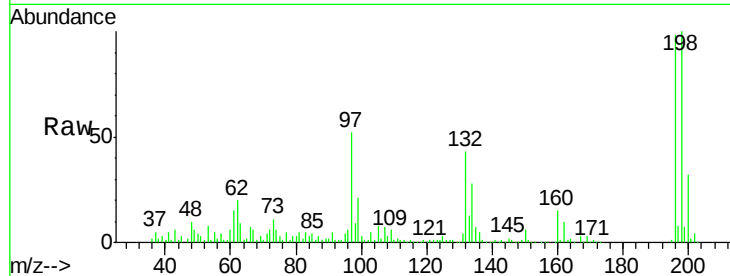
Tgt Ion:196 Resp: 202645

Ion Ratio Lower Upper

196 100

198 101.5 75.7 113.5

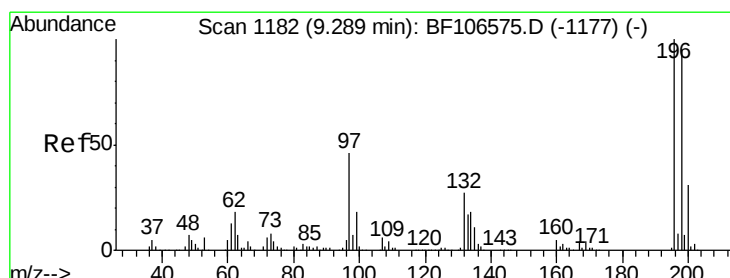
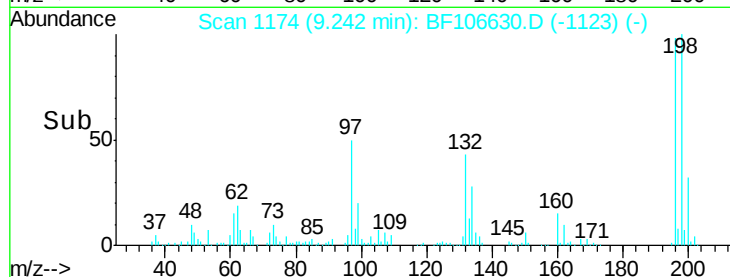
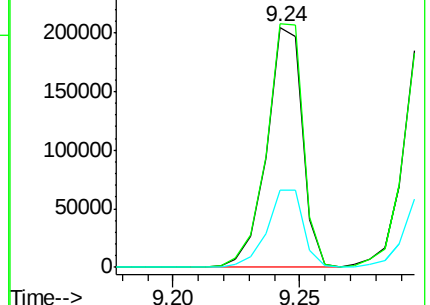
200 32.2 24.5 36.7



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: 39.976 ng

RT: 9.30 min Scan# 1184

Delta R.T. 0.01 min

Lab File: BF106630.D

Acq: 20 Jun 2018 20:07

Tgt Ion:196 Resp: 210566

Ion Ratio Lower Upper

196 100

198 100.5 74.6 112.0

97 42.8 42.9 64.3#

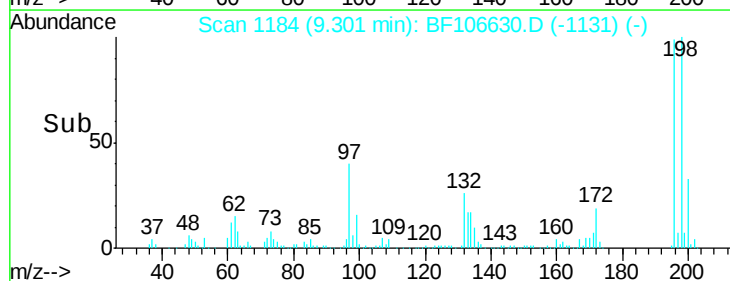
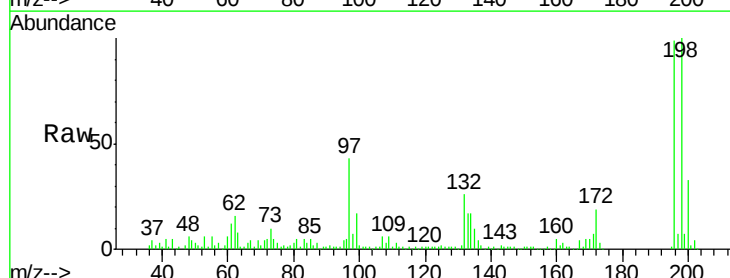
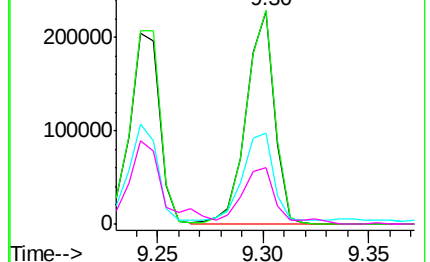
132 26.5 26.3 39.5

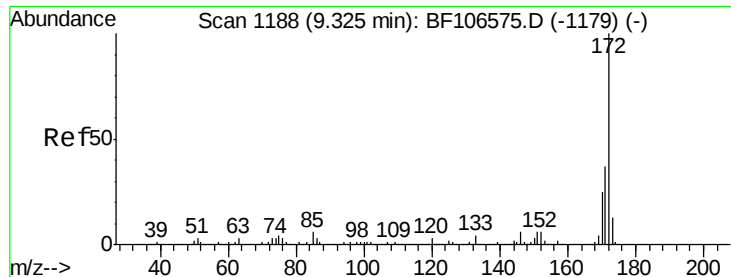
Abundance Ion 196.00 (195.70 to 196.70): E

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: 80.483 ng

RT: 9.32 min Scan# 1188

Delta R.T. 0.00 min

Lab File: BF106630.D

Acq: 20 Jun 2018 20:07

Instrument :

BNA_F

ClientSampleId :

TPTW-04MS

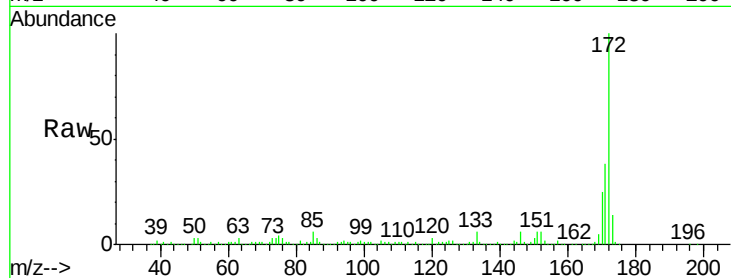
Tgt Ion:172 Resp: 1082662

Ion Ratio Lower Upper

172 100

171 37.6 29.7 44.5

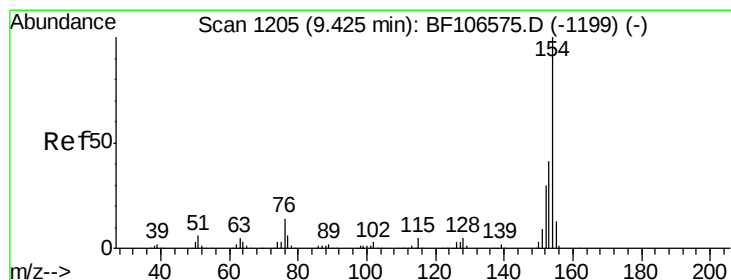
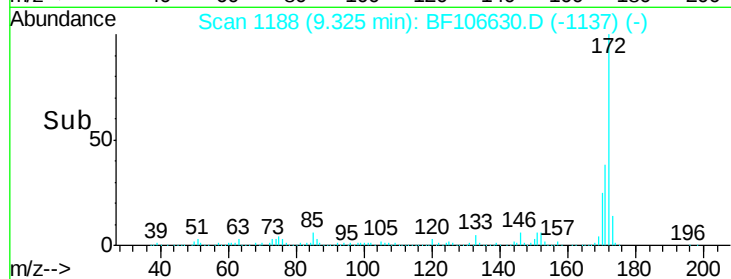
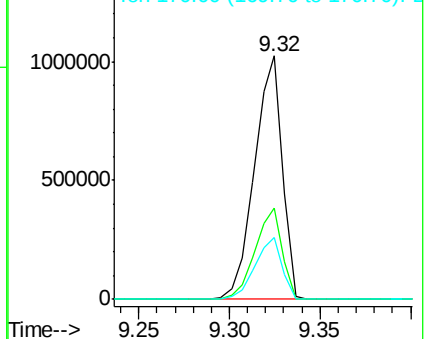
170 25.4 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 40.996 ng

RT: 9.42 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF106630.D

Acq: 20 Jun 2018 20:07

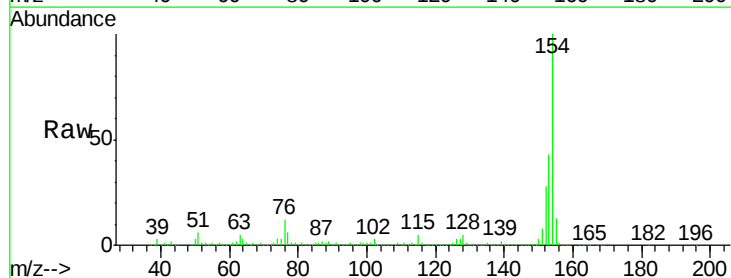
Tgt Ion:154 Resp: 736740

Ion Ratio Lower Upper

154 100

153 42.9 21.3 61.3

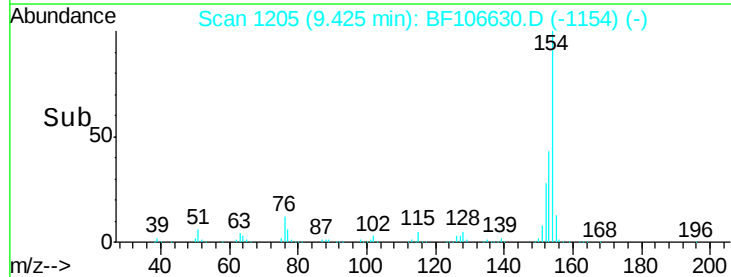
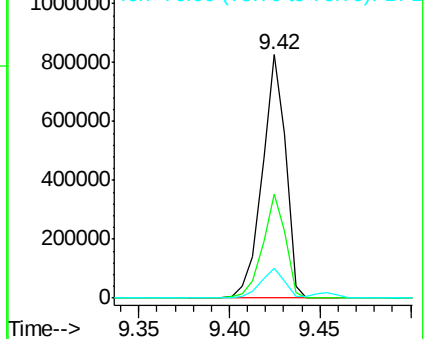
76 12.4 0.0 34.0

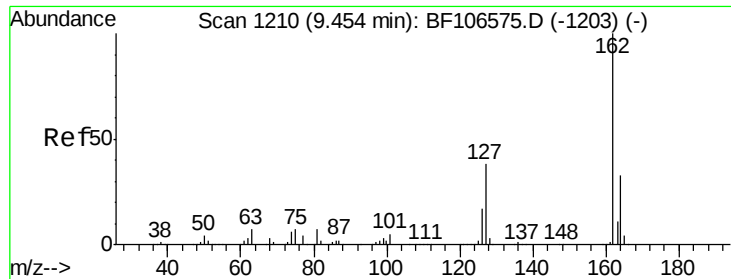


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

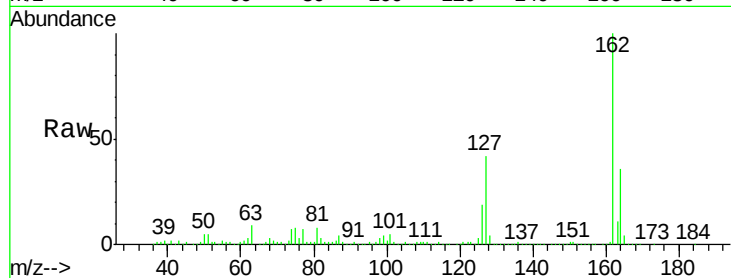




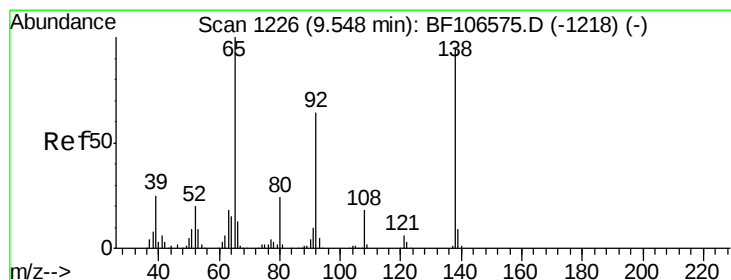
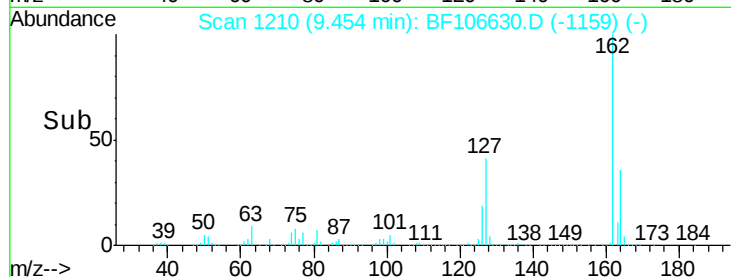
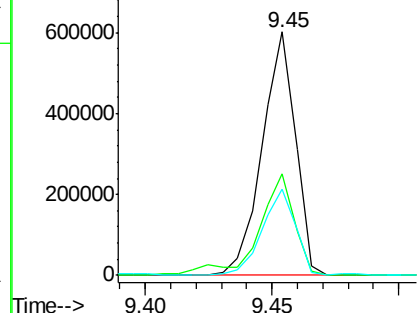
#46
2-Chloronaphthalene
Concen: 39.086 ng
RT: 9.45 min Scan# 1210
Delta R.T. 0.00 min
Lab File: BF106630.D
Acq: 20 Jun 2018 20:07

Instrument :
BNA_F
ClientSampleId :
TPTW-04MS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.5	33.9	50.9
164	35.6	26.5	39.7

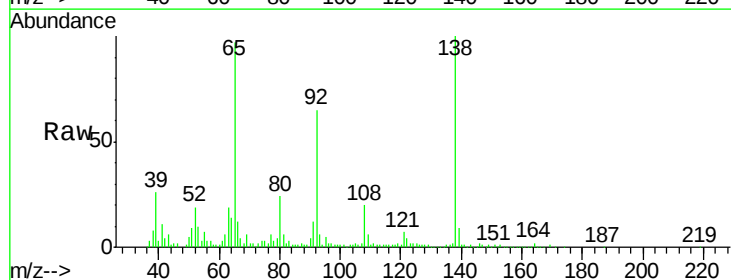


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

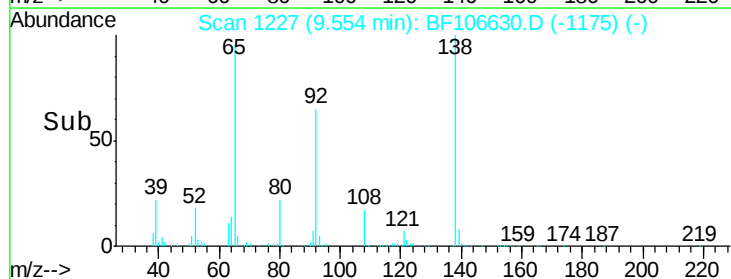
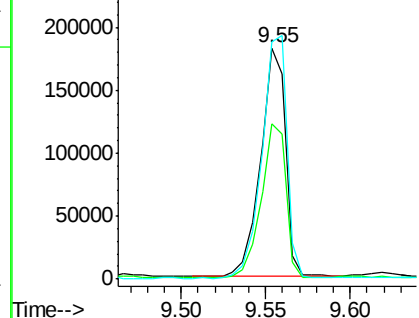


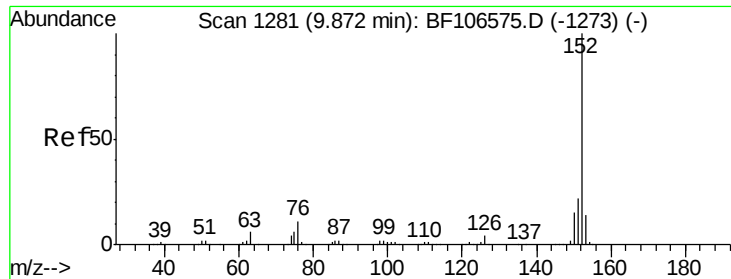
#47
2-Nitroaniline
Concen: 39.320 ng
RT: 9.55 min Scan# 1227
Delta R.T. 0.01 min
Lab File: BF106630.D
Acq: 20 Jun 2018 20:07

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.1	55.8	83.6
138	102.7	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): E

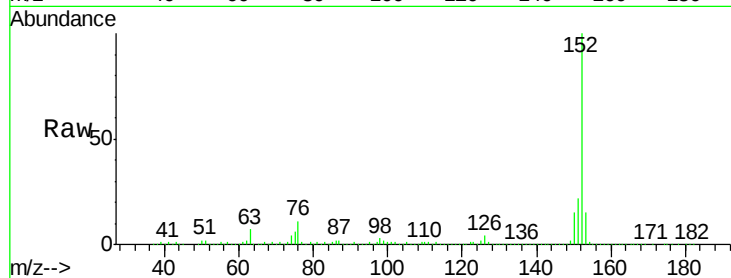




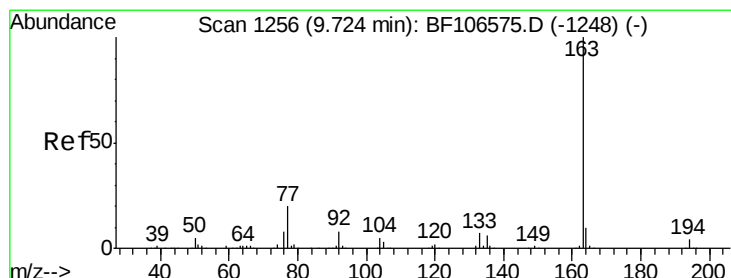
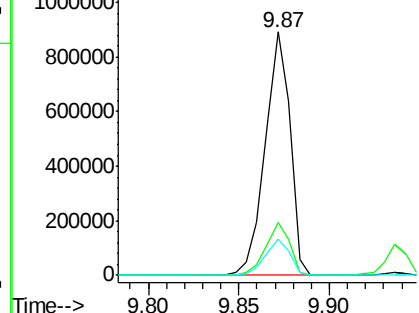
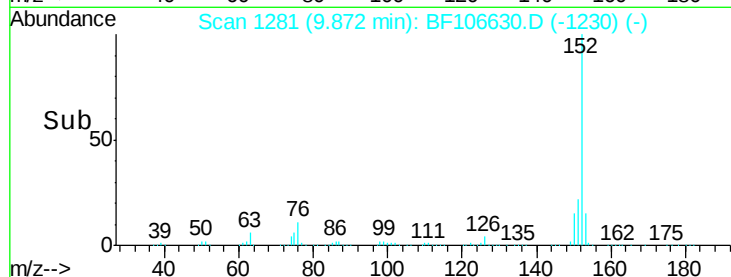
#48
 Acenaphthylene
 Concen: 38.182 ng
 RT: 9.87 min Scan# 1281
 Delta R.T. 0.00 min
 Lab File: BF106630.D
 Acq: 20 Jun 2018 20:07

Instrument :
 BNA_F
 ClientSampleId :
 TPTW-04MS

Tgt Ion:	152	Resp:	852737
Ion	Ratio	Lower	Upper
152	100		
151	21.7	16.3	24.5
153	15.1	10.7	16.1

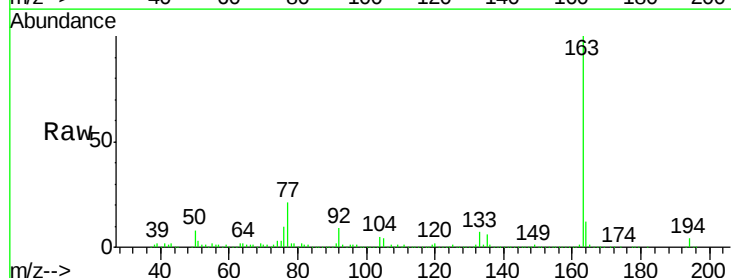


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E
 Ion 153.00 (152.70 to 153.70): E

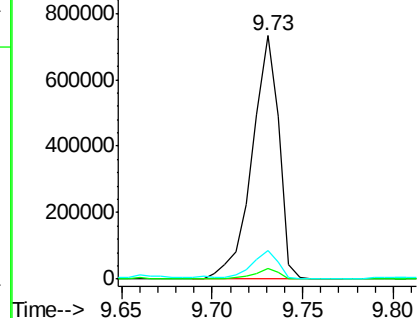
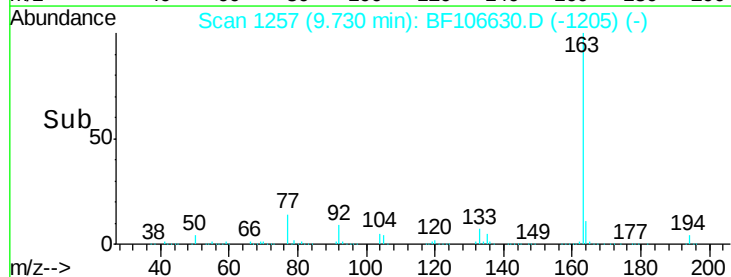


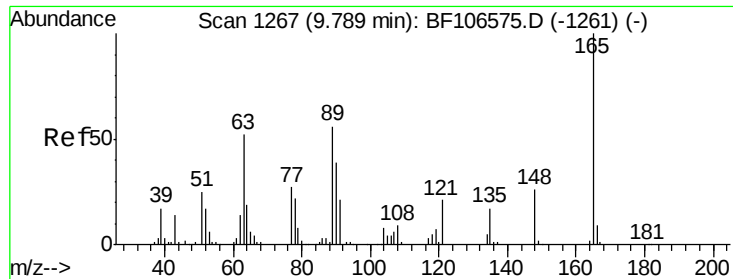
#49
 Dimethylphthalate
 Concen: 44.458 ng
 RT: 9.73 min Scan# 1257
 Delta R.T. 0.01 min
 Lab File: BF106630.D
 Acq: 20 Jun 2018 20:07

Tgt Ion:	163	Resp:	751904
Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.7	4.1#
164	11.7	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

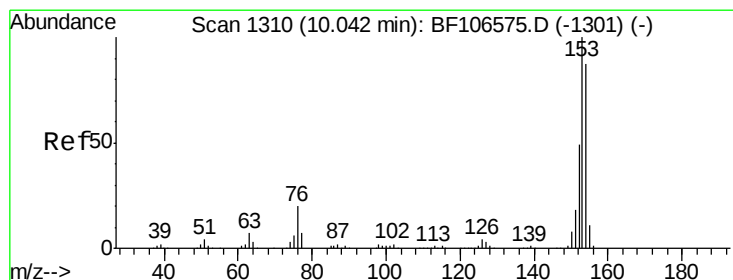
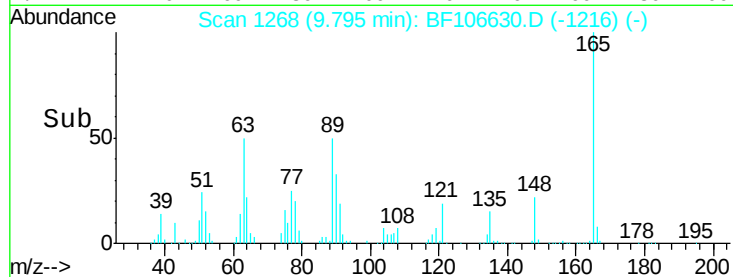
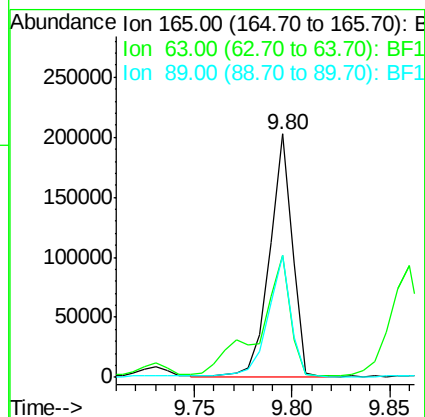
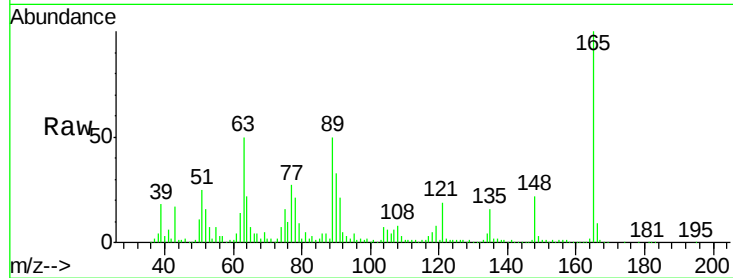




#50
2,6-Dinitrotoluene
Concen: 45.396 ng
RT: 9.80 min Scan# 1268
Delta R.T. 0.01 min
Lab File: BF106630.D
Acq: 20 Jun 2018 20:07

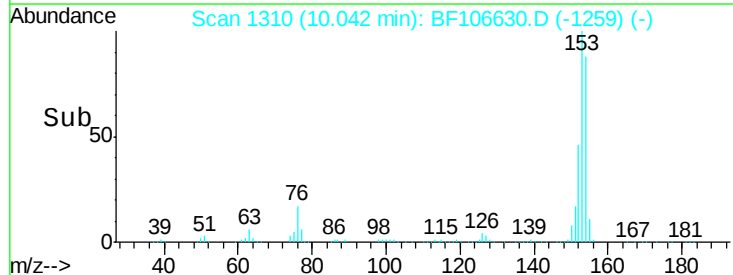
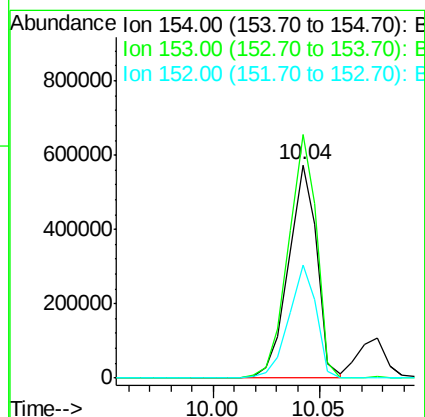
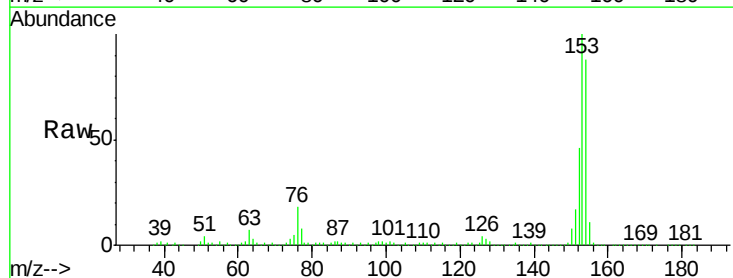
Instrument :
BNA_F
ClientSampleId :
TPTW-04MS

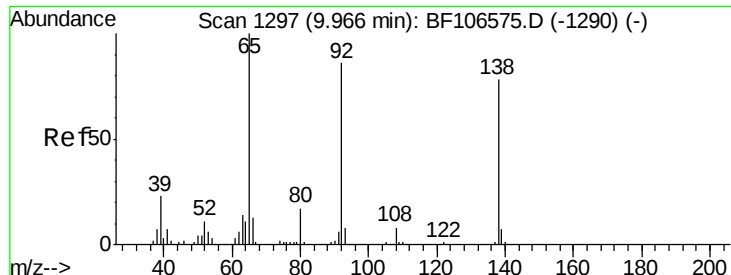
Tgt Ion:165 Resp: 162578
Ion Ratio Lower Upper
165 100
63 50.0 44.7 67.1
89 49.9 44.0 66.0



#51
Acenaphthene
Concen: 38.263 ng
RT: 10.04 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BF106630.D
Acq: 20 Jun 2018 20:07

Tgt Ion:154 Resp: 538115
Ion Ratio Lower Upper
154 100
153 114.2 91.2 136.8
152 53.1 43.8 65.8

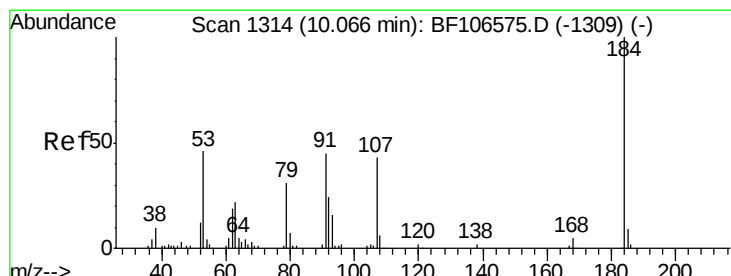
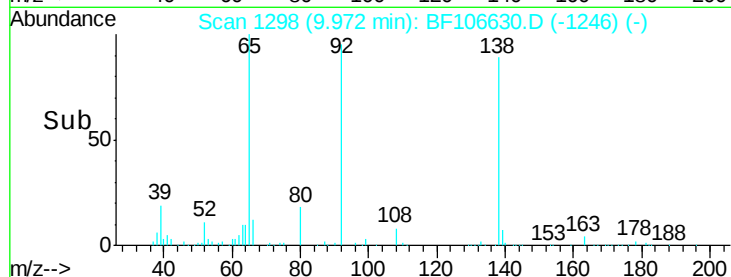
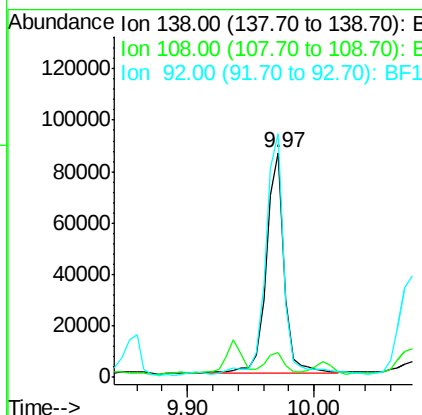
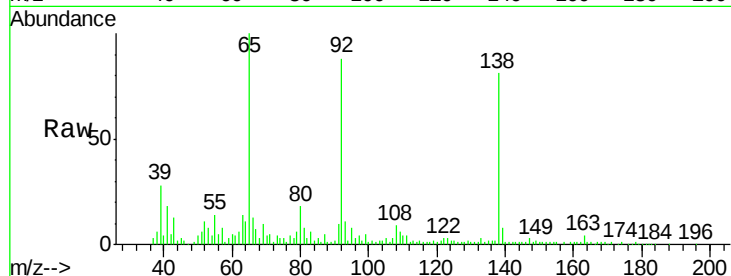




#52
3-Nitroaniline
Concen: 20.709 ng
RT: 9.97 min Scan# 1298
Delta R.T. 0.01 min
Lab File: BF106630.D
Acq: 20 Jun 2018 20:07

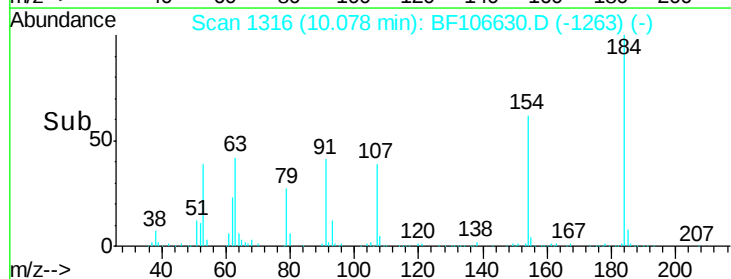
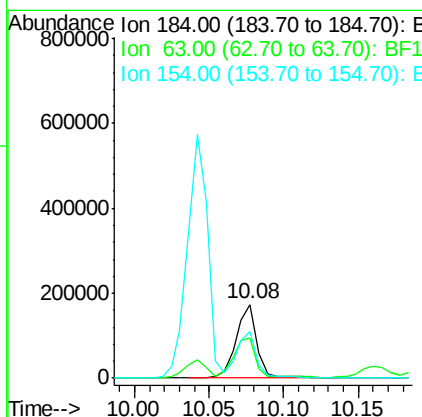
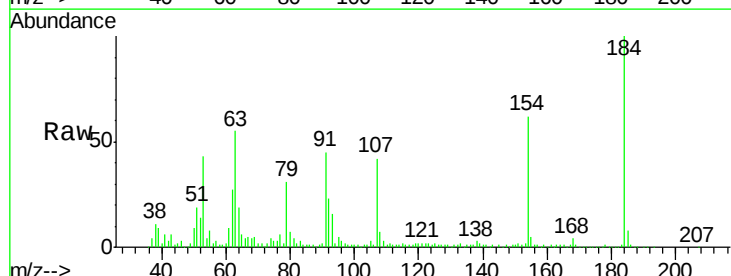
Instrument :
BNA_F
ClientSampleId :
TPTW-04MS

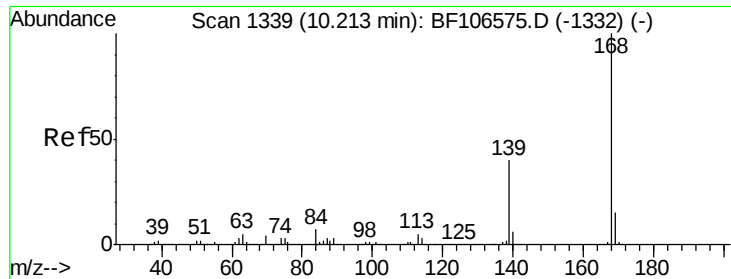
Tgt Ion:138 Resp: 85344
Ion Ratio Lower Upper
138 100
108 11.2 9.4 14.0
92 108.4 89.4 134.2



#53
2,4-Dinitrophenol
Concen: 91.393 ng
RT: 10.08 min Scan# 1316
Delta R.T. 0.01 min
Lab File: BF106630.D
Acq: 20 Jun 2018 20:07

Tgt Ion:184 Resp: 171696
Ion Ratio Lower Upper
184 100
63 54.9 54.2 81.2
154 62.4 184.0 276.0#





#54

Dibenzenofuran

Concen: 41.911 ng

RT: 10.21 min Scan# 1339

Delta R.T. 0.00 min

Lab File: BF106630.D

Acq: 20 Jun 2018 20:07

Instrument :

BNA_F

ClientSampleId :

TPTW-04MS

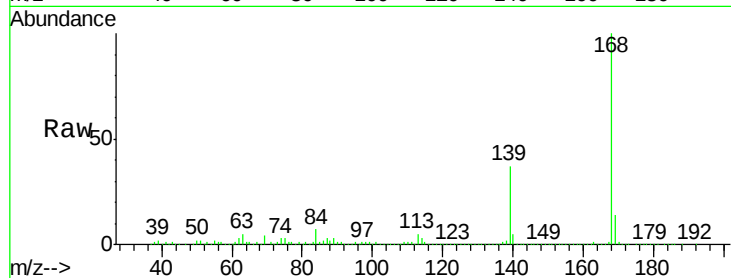
Tgt Ion:168 Resp: 807097

Ion Ratio Lower Upper

168 100

139 36.8 30.1 45.1

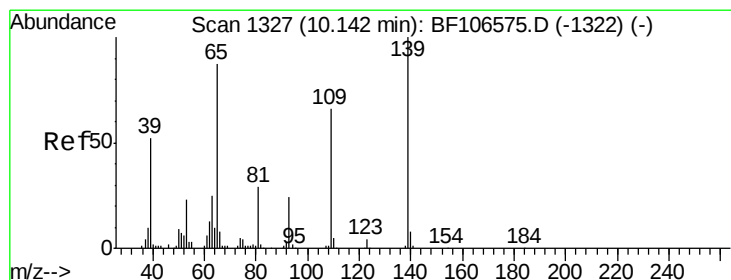
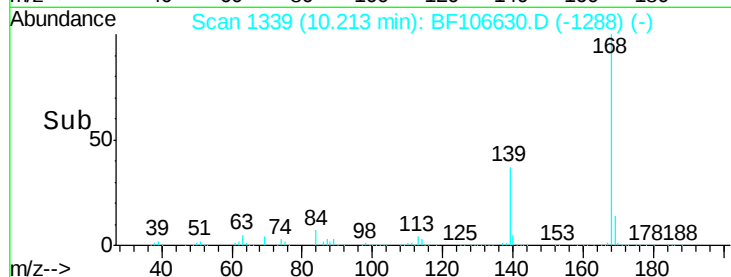
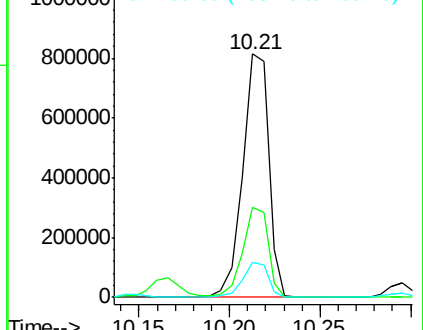
169 14.3 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 25.192 ng

RT: 10.17 min Scan# 1331

Delta R.T. 0.02 min

Lab File: BF106630.D

Acq: 20 Jun 2018 20:07

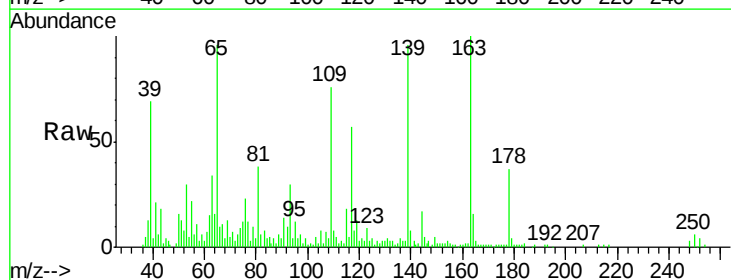
Tgt Ion:139 Resp: 72466

Ion Ratio Lower Upper

139 100

109 79.6 48.4 88.4

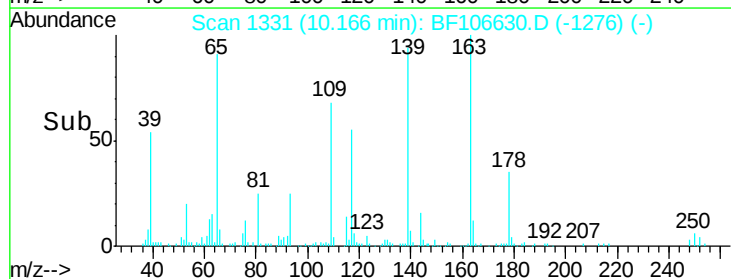
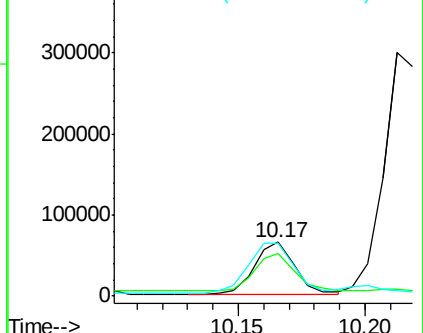
65 99.8 72.6 112.6

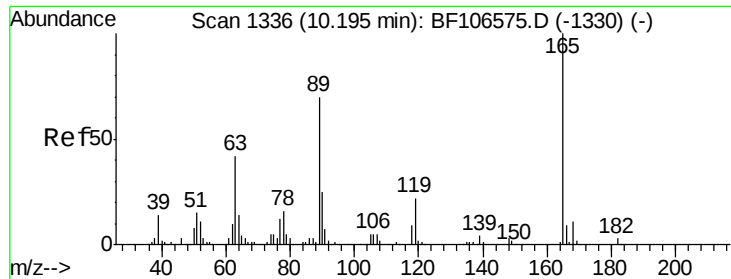


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#56

2,4-Dinitrotoluene

Concen: 45.157 ng

RT: 10.20 min Scan# 1337

Delta R.T. 0.01 min

Lab File: BF106630.D

Acq: 20 Jun 2018 20:07

Instrument :

BNA_F

ClientSampleId :

TPTW-04MS

Tgt Ion:165 Resp: 211090

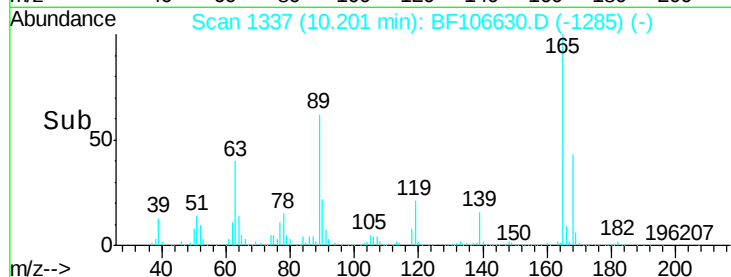
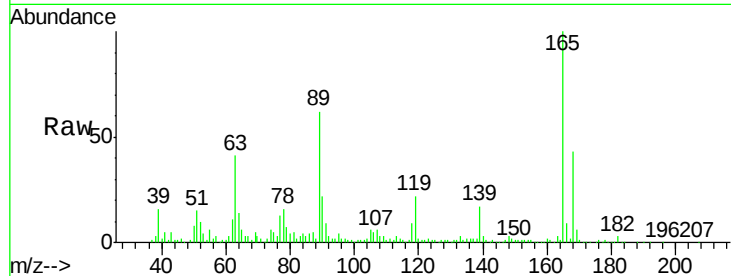
Ion Ratio Lower Upper

165 100

63 40.8 36.4 54.6

89 62.3 57.8 86.6

182 2.6 1.6 2.4#

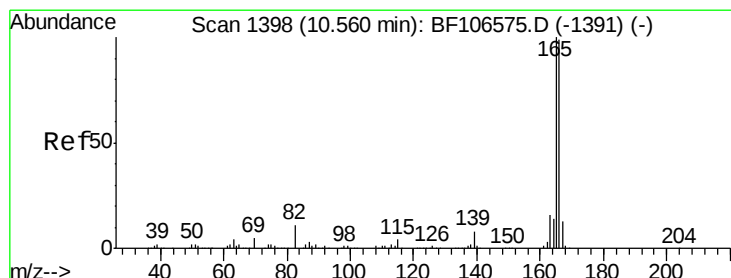
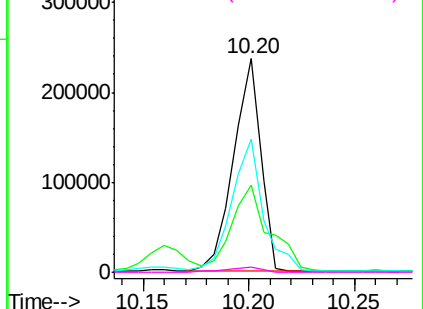


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 40.757 ng

RT: 10.56 min Scan# 1398

Delta R.T. 0.00 min

Lab File: BF106630.D

Acq: 20 Jun 2018 20:07

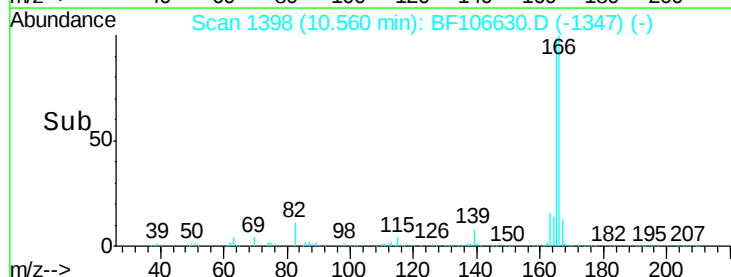
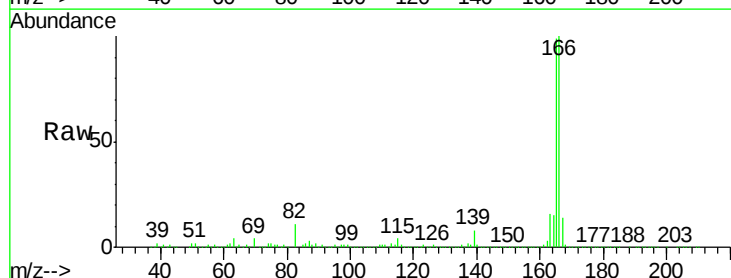
Tgt Ion:166 Resp: 622828

Ion Ratio Lower Upper

166 100

165 99.5 79.8 119.8

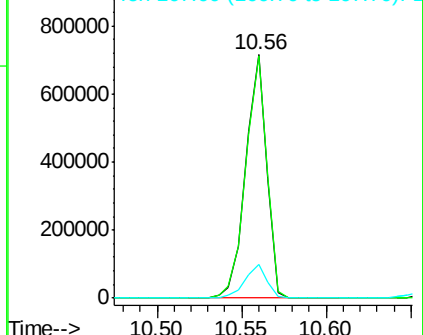
167 13.6 10.6 16.0

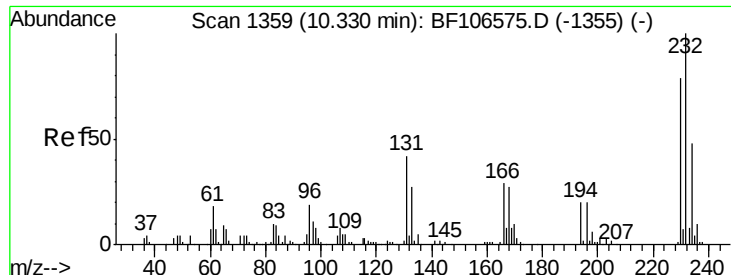


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

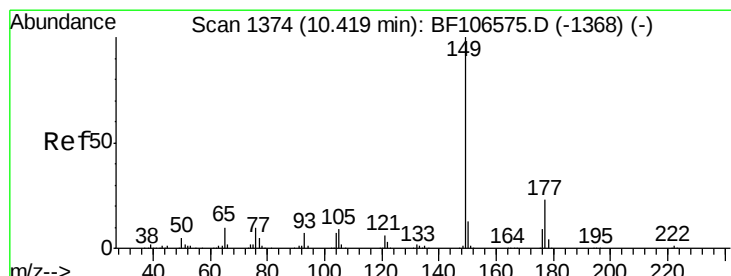
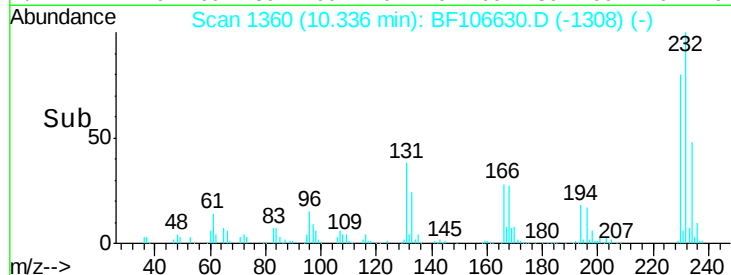
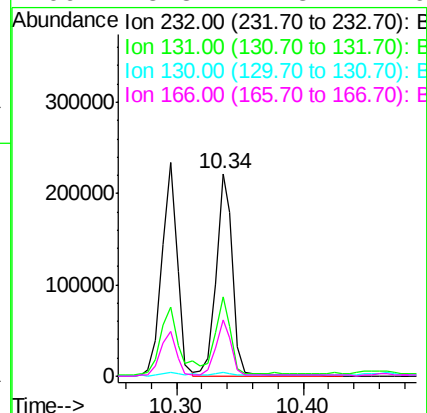
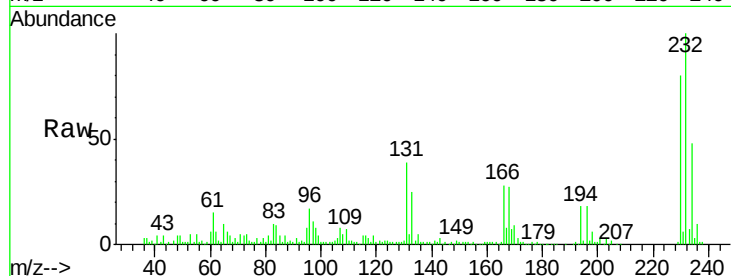




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.268 ng
 RT: 10.34 min Scan# 1360
 Delta R.T. 0.01 min
 Lab File: BF106630.D
 Acq: 20 Jun 2018 20:07

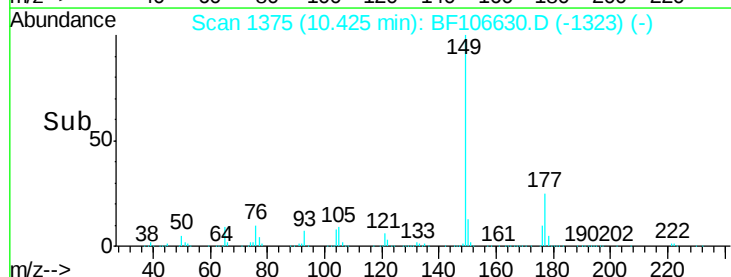
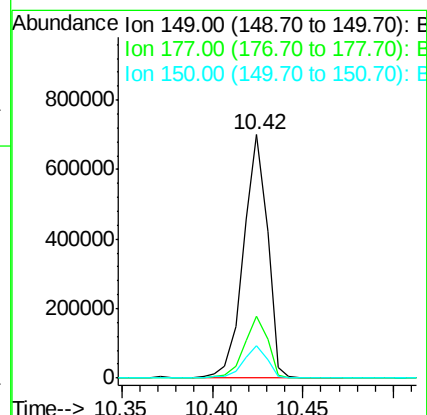
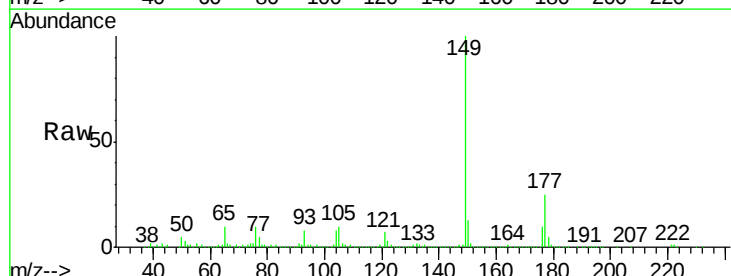
Instrument :
 BNA_F
 ClientSampleId :
 TPTW-04MS

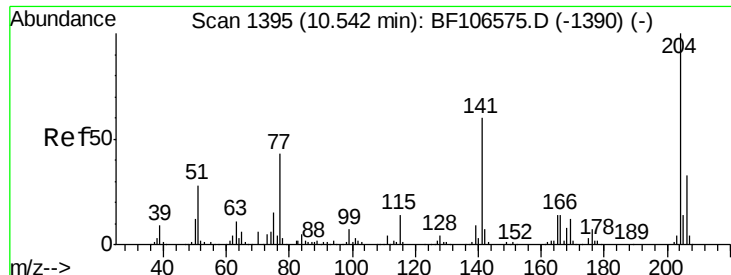
Tgt Ion	Ratio	Lower	Upper
232	100		
131	35.3	43.8	65.8#
130	1.6	2.1	3.1#
166	25.8	27.8	41.6#



#59
 Diethylphthalate
 Concen: 38.736 ng
 RT: 10.42 min Scan# 1375
 Delta R.T. 0.01 min
 Lab File: BF106630.D
 Acq: 20 Jun 2018 20:07

Tgt Ion	Ratio	Lower	Upper
149	100		
177	25.3	16.1	24.1#
150	13.3	10.1	15.1

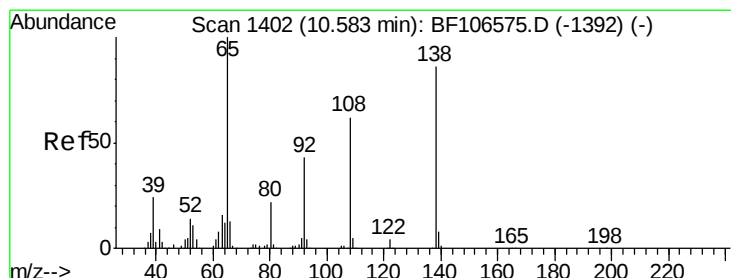
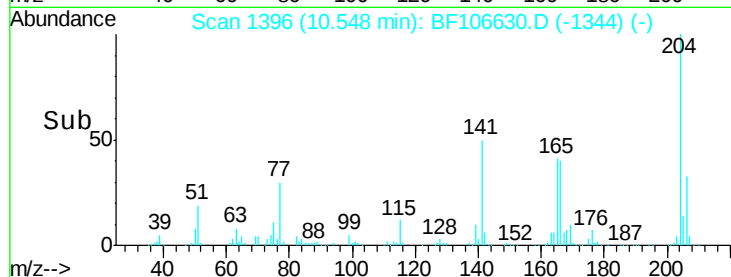
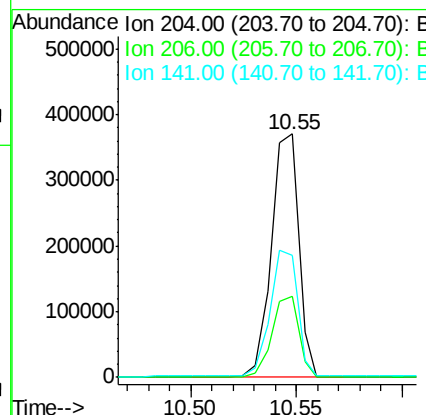
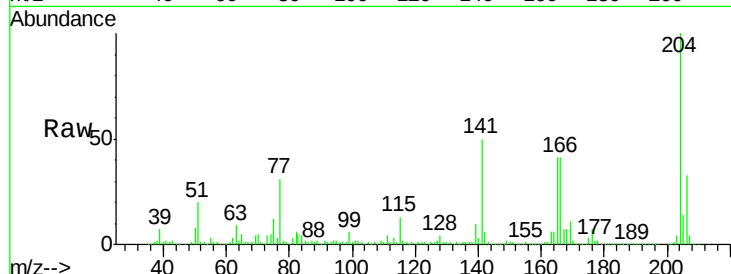




#60
4-Chlorophenyl-phenylether
Concen: 42.072 ng
RT: 10.55 min Scan# 1396
Delta R.T. 0.01 min
Lab File: BF106630.D
Acq: 20 Jun 2018 20:07

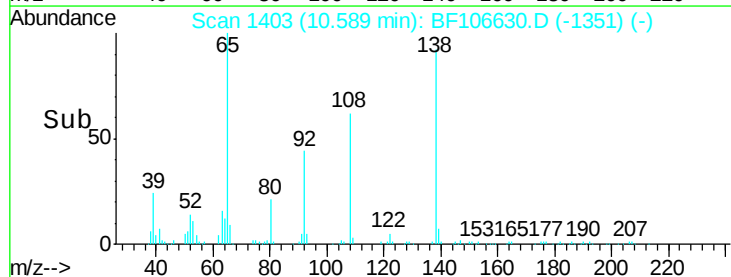
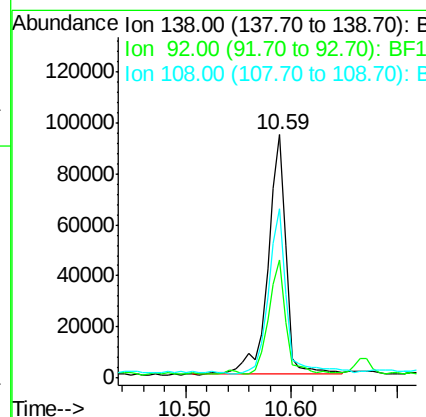
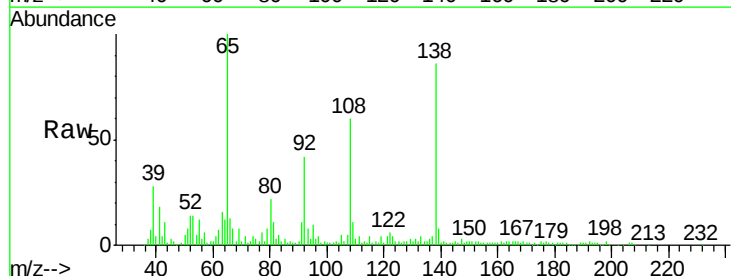
Instrument :
BNA_F
ClientSampleId :
TPTW-04MS

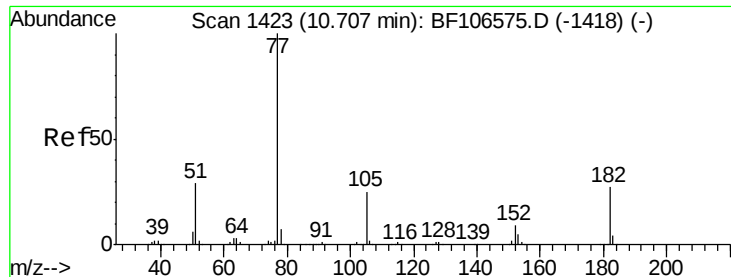
Tgt Ion:204 Resp: 336392
Ion Ratio Lower Upper
204 100
206 33.4 26.5 39.7
141 50.3 54.6 81.8#



#61
4-Nitroaniline
Concen: 27.540 ng
RT: 10.59 min Scan# 1403
Delta R.T. 0.01 min
Lab File: BF106630.D
Acq: 20 Jun 2018 20:07

Tgt Ion:138 Resp: 112637
Ion Ratio Lower Upper
138 100
92 48.6 30.2 70.2
108 69.8 52.5 92.5





#62

Azobenzene

Concen: 38.706 ng

RT: 10.71 min Scan# 1423

Delta R.T. 0.00 min

Lab File: BF106630.D

Acq: 20 Jun 2018 20:07

Instrument :

BNA_F

ClientSampleId :

TPTW-04MS

Tgt Ion: 77 Resp: 622179

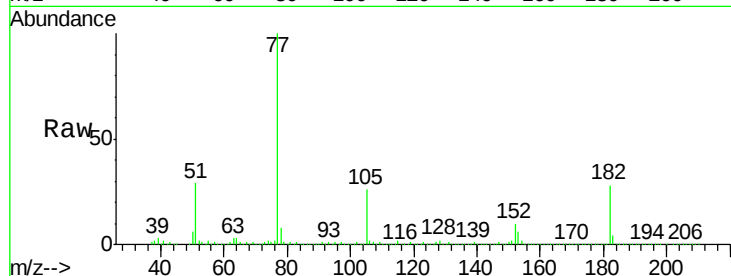
Ion Ratio Lower Upper

77 100

182 27.8 1.7 41.7

105 25.7 3.0 43.0

51 29.1 9.9 49.9

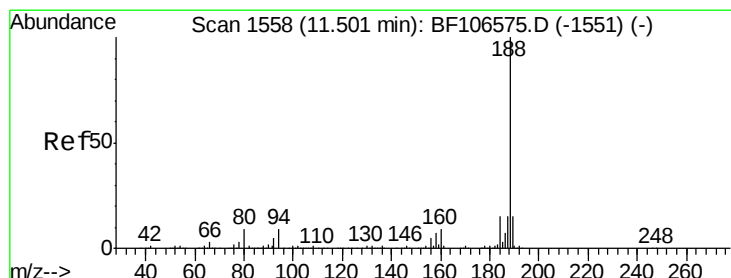
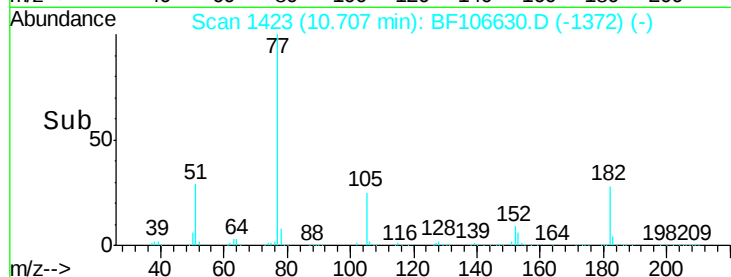
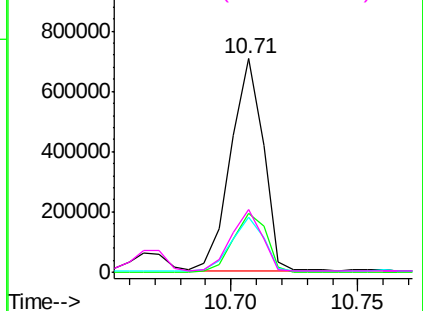


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1558

Delta R.T. 0.00 min

Lab File: BF106630.D

Acq: 20 Jun 2018 20:07

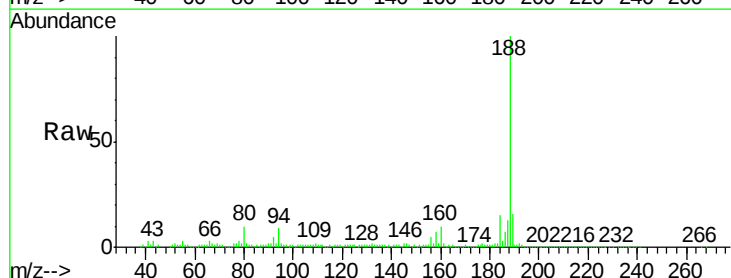
Tgt Ion: 188 Resp: 422130

Ion Ratio Lower Upper

188 100

94 9.0 8.5 12.7

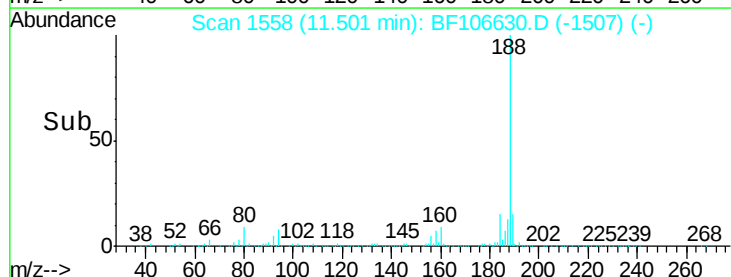
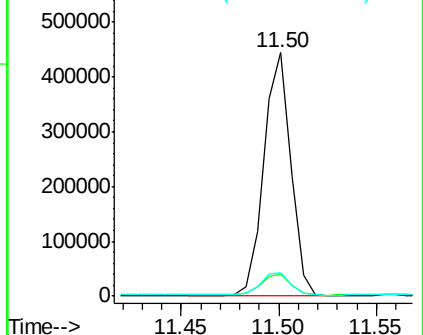
80 9.7 9.2 13.8

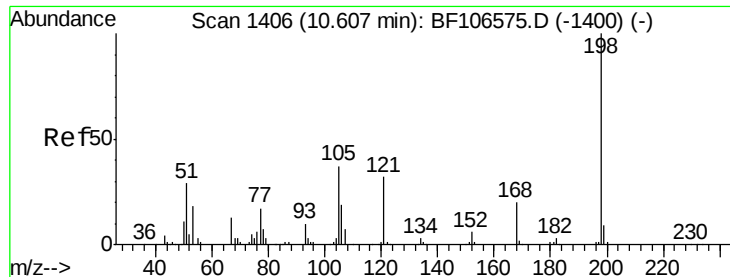


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

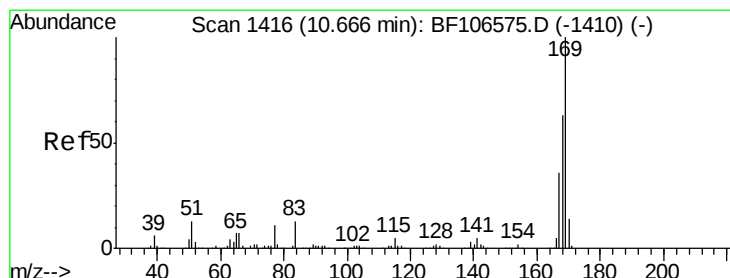
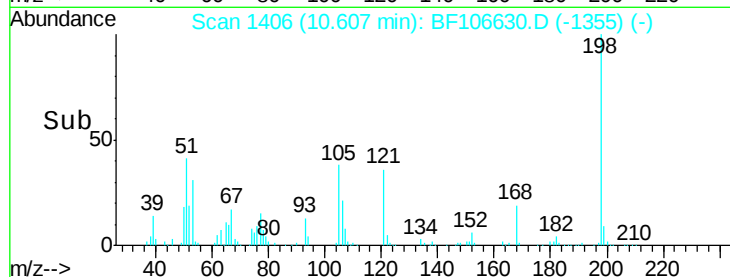
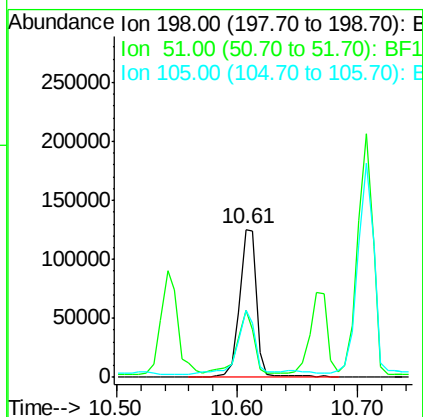
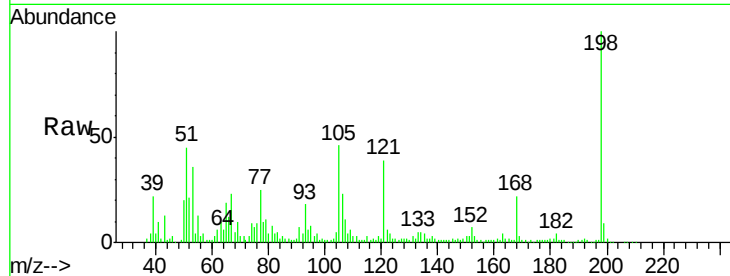




#64
 4,6-Dinitro-2-methylphenol
 Concen: 48.207 ng
 RT: 10.61 min Scan# 1406
 Delta R.T. 0.00 min
 Lab File: BF106630.D
 Acq: 20 Jun 2018 20:07

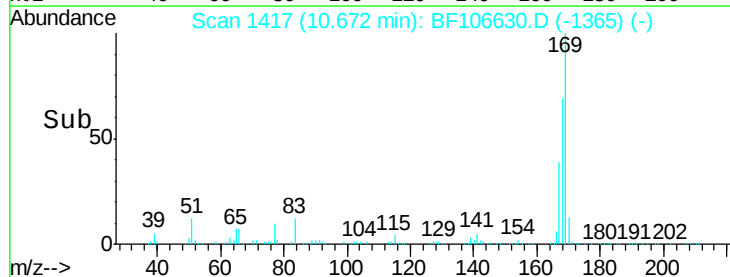
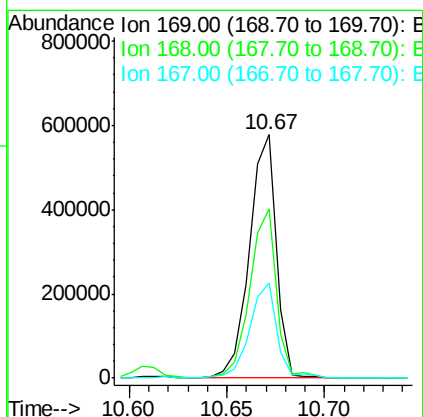
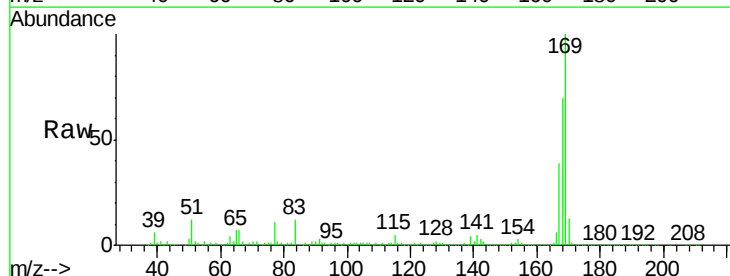
Instrument :
 BNA_F
 ClientSampled :
 TPTW-04MS

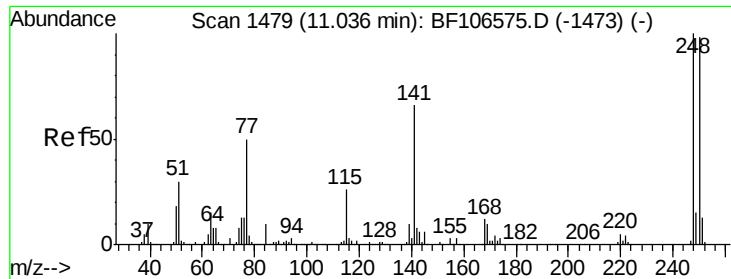
Tgt Ion:198 Resp: 125791
 Ion Ratio Lower Upper
 198 100
 51 45.2 37.7 77.7
 105 45.5 36.3 76.3



#65
 n-Nitrosodiphenylamine
 Concen: 38.543 ng
 RT: 10.67 min Scan# 1417
 Delta R.T. 0.01 min
 Lab File: BF106630.D
 Acq: 20 Jun 2018 20:07

Tgt Ion:169 Resp: 547256
 Ion Ratio Lower Upper
 169 100
 168 69.5 54.4 81.6
 167 38.9 29.8 44.6

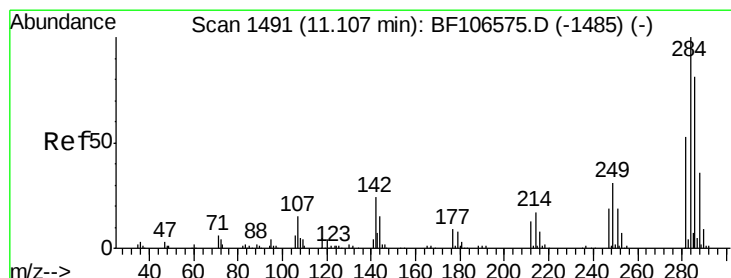
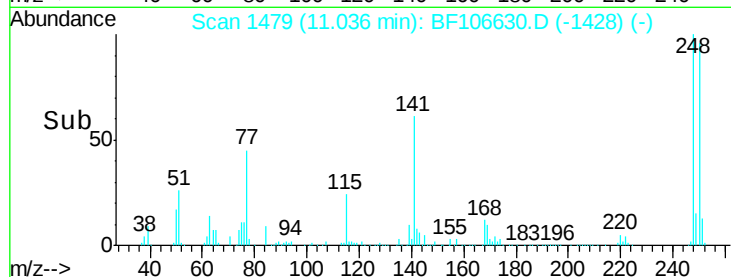
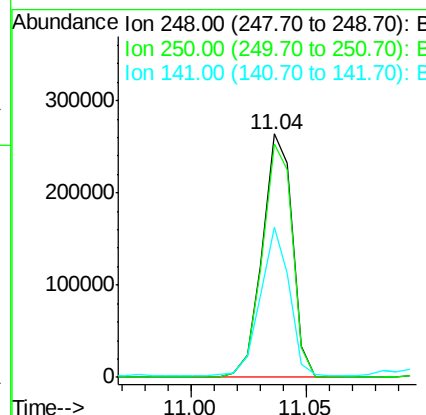
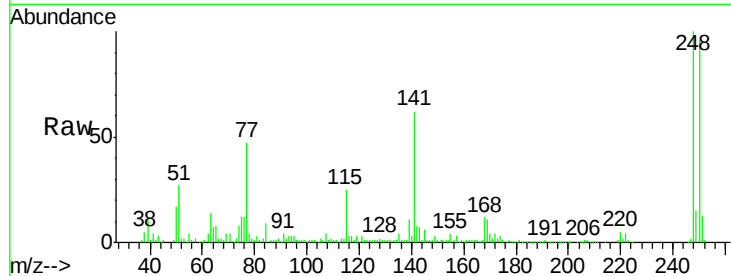




#66
 4-Bromophenyl-phenylether
 Concen: 47.521 ng
 RT: 11.04 min Scan# 1479
 Delta R.T. 0.00 min
 Lab File: BF106630.D
 Acq: 20 Jun 2018 20:07

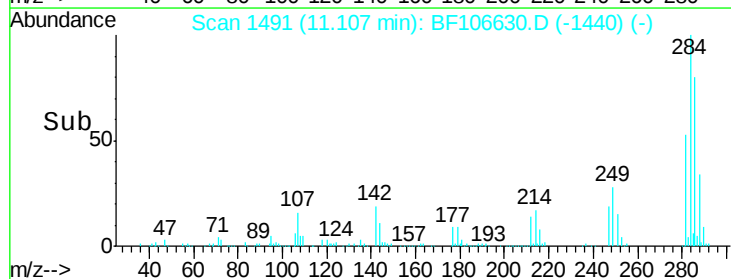
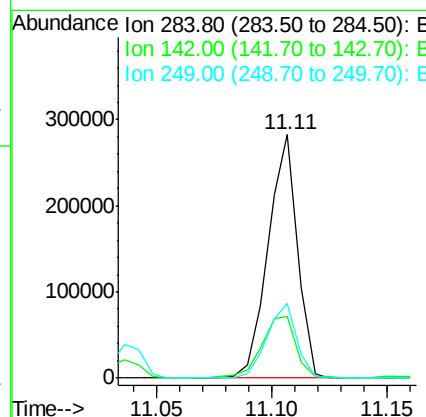
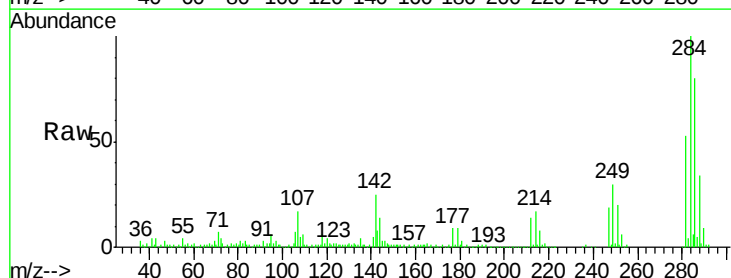
Instrument :
 BNA_F
 ClientSampleId :
 TPTW-04MS

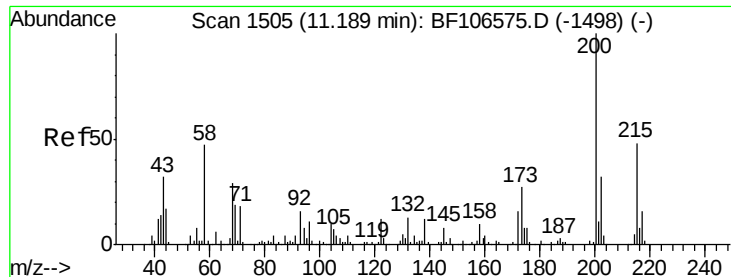
Tgt Ion:248 Resp: 239404
 Ion Ratio Lower Upper
 248 100
 250 95.8 76.9 115.3
 141 61.7 74.4 111.6#



#67
 Hexachlorobenzene
 Concen: 47.393 ng
 RT: 11.11 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: BF106630.D
 Acq: 20 Jun 2018 20:07

Tgt Ion:284 Resp: 249898
 Ion Ratio Lower Upper
 284 100
 142 25.3 34.6 52.0#
 249 30.4 24.8 37.2





#68

Atrazine

Concen: 23.493 ng

RT: 11.23 min Scan# 1512

Delta R.T. 0.04 min

Lab File: BF106630.D

Acq: 20 Jun 2018 20:07

Instrument :

BNA_F

ClientSampleId :

TPTW-04MS

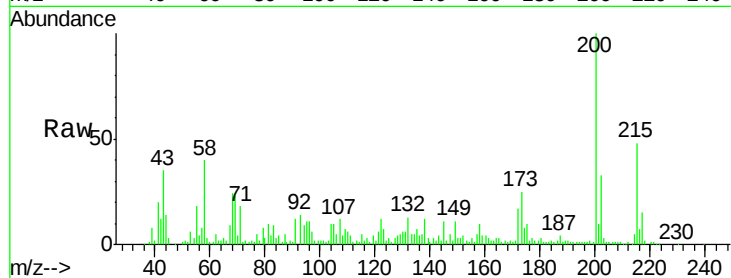
Tgt Ion:200 Resp: 106040

Ion Ratio Lower Upper

200 100

173 25.1 8.6 48.6

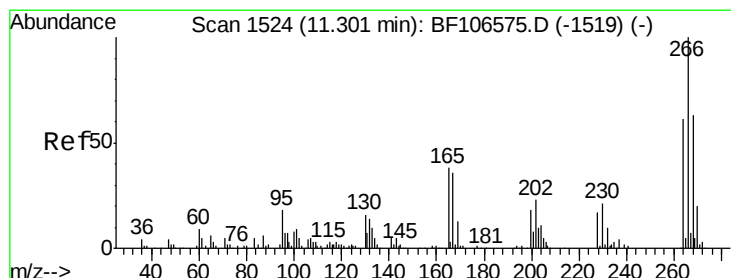
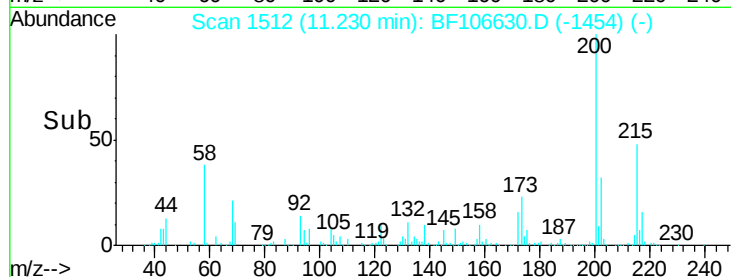
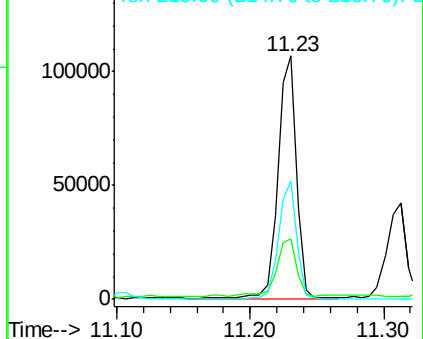
215 48.3 25.1 65.1



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: 93.080 ng

RT: 11.31 min Scan# 1526

Delta R.T. 0.01 min

Lab File: BF106630.D

Acq: 20 Jun 2018 20:07

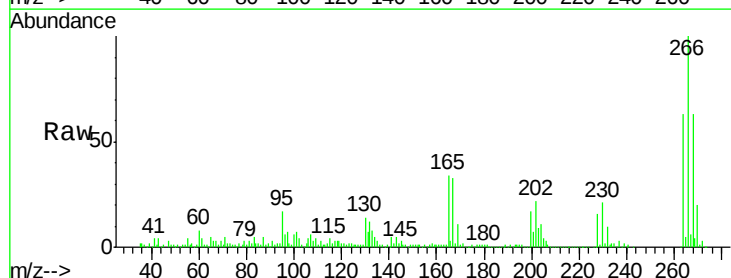
Tgt Ion:266 Resp: 244890

Ion Ratio Lower Upper

266 100

268 63.1 51.1 76.7

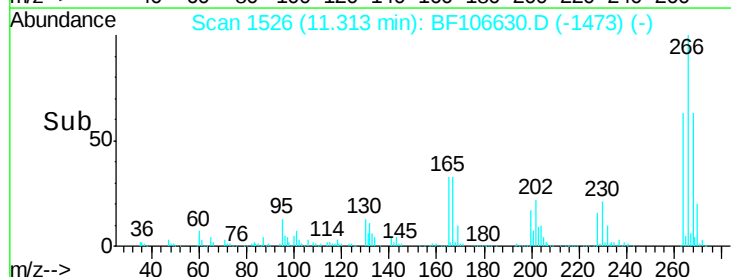
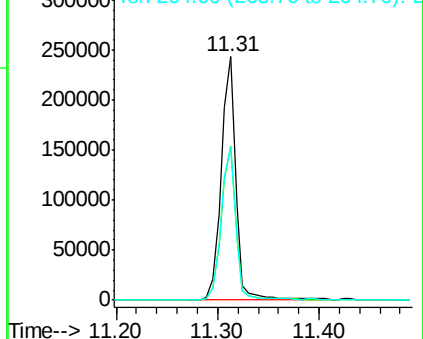
264 62.5 49.5 74.3

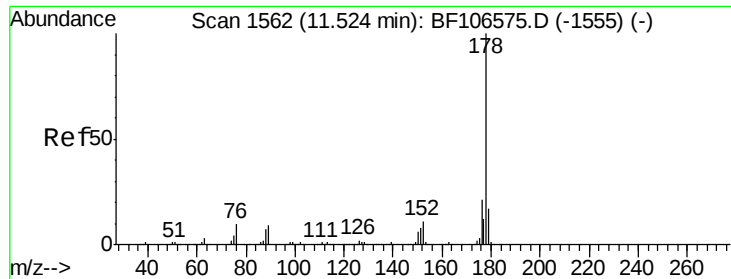


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

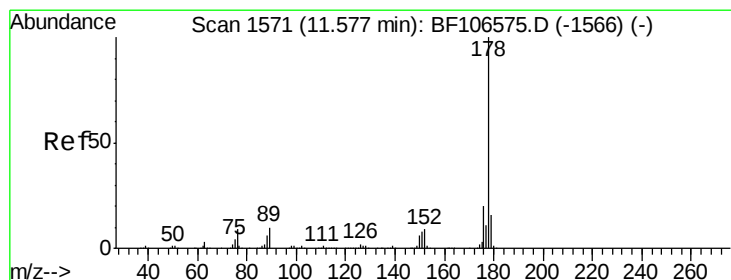
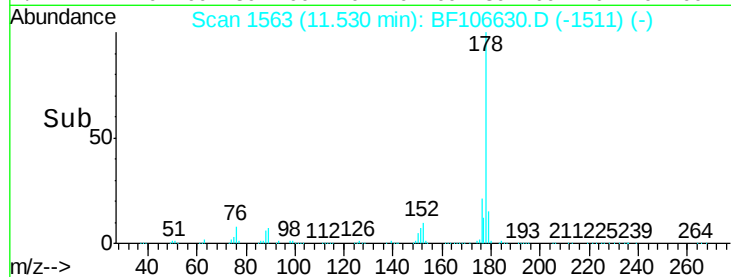
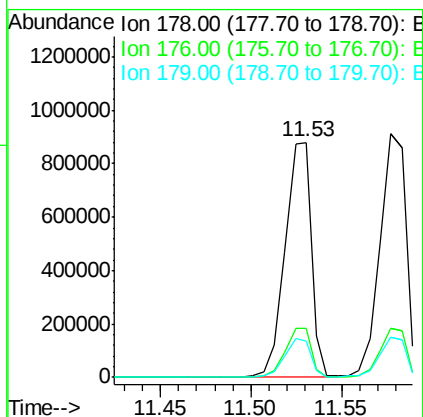
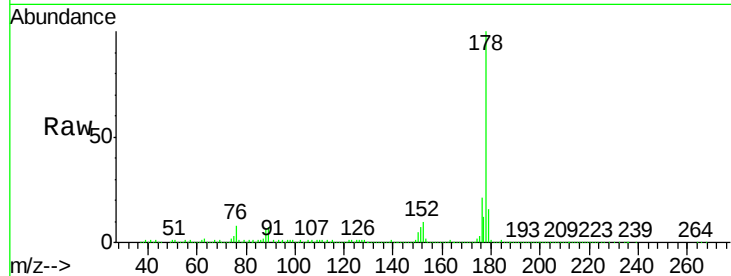




#70
Phenanthrene
Concen: 43.730 ng
RT: 11.53 min Scan# 1563
Delta R.T. 0.01 min
Lab File: BF106630.D
Acq: 20 Jun 2018 20:07

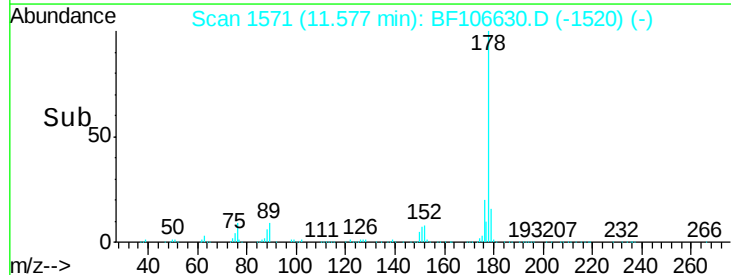
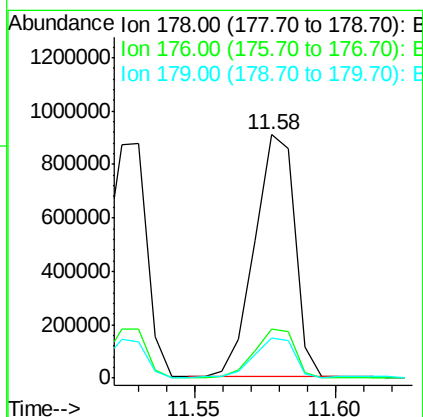
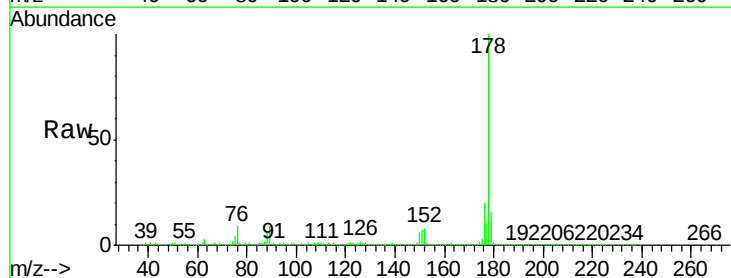
Instrument :
BNA_F
ClientSampleId :
TPTW-04MS

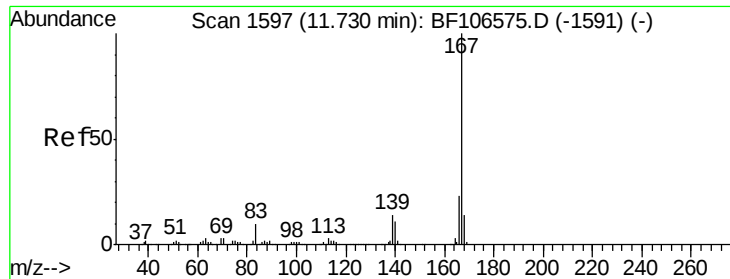
Tgt Ion:178 Resp: 890359
Ion Ratio Lower Upper
178 100
176 21.1 15.8 23.8
179 15.7 13.0 19.6



#71
Anthracene
Concen: 43.355 ng
RT: 11.58 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BF106630.D
Acq: 20 Jun 2018 20:07

Tgt Ion:178 Resp: 900993
Ion Ratio Lower Upper
178 100
176 20.2 15.4 23.2
179 16.5 12.6 19.0





#72

Carbazole

Concen: 38.459 ng

RT: 11.74 min Scan# 1599

Delta R.T. 0.01 min

Lab File: BF106630.D

Acq: 20 Jun 2018 20:07

Instrument :

BNA_F

ClientSampleId :

TPTW-04MS

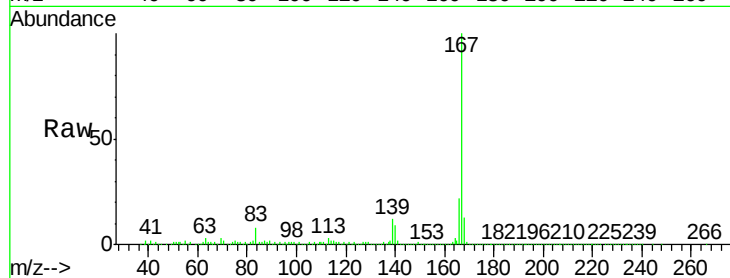
Tgt Ion:167 Resp: 748298

Ion Ratio Lower Upper

167 100

166 22.4 17.6 26.4

139 12.2 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

11.74

800000

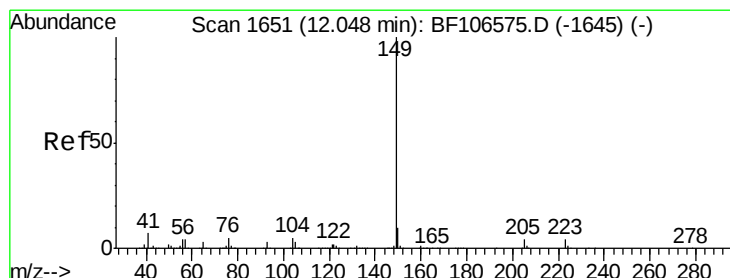
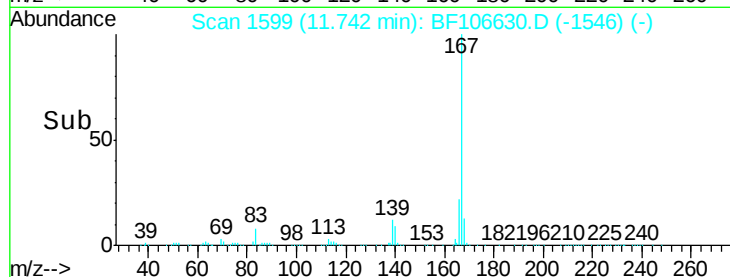
600000

400000

200000

0

Time--> 11.65 11.70 11.75 11.80



#73

Di-n-butylphthalate

Concen: 39.911 ng

RT: 12.05 min Scan# 1652

Delta R.T. 0.01 min

Lab File: BF106630.D

Acq: 20 Jun 2018 20:07

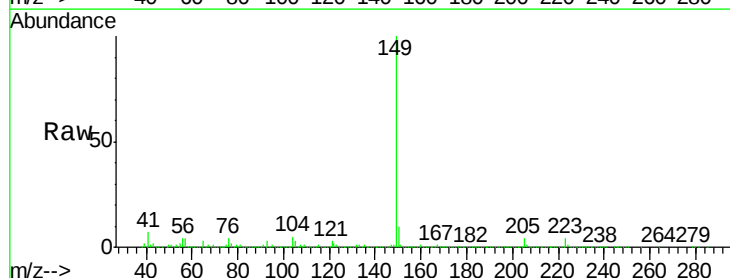
Tgt Ion:149 Resp: 914843

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

104 4.9 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

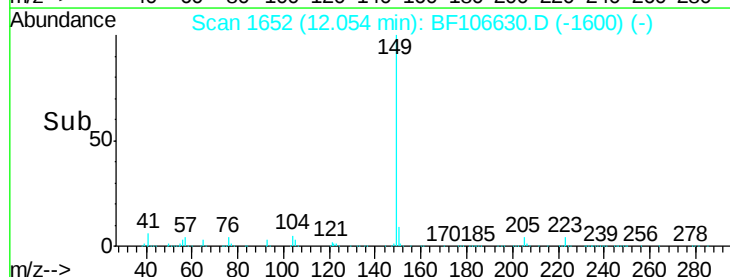
12.05

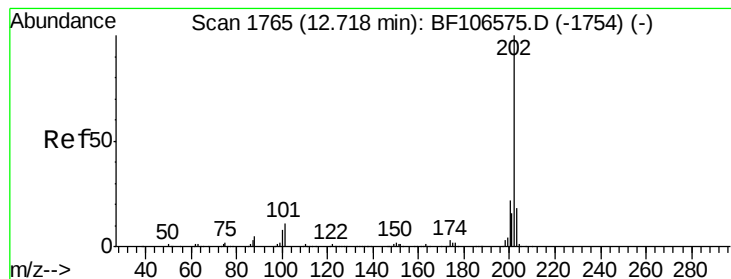
1000000

500000

0

Time--> 12.00 12.05 12.10





#74

Fluoranthene

Concen: 39.310 ng

RT: 12.72 min Scan# 1765

Delta R.T. 0.00 min

Lab File: BF106630.D

Acq: 20 Jun 2018 20:07

Instrument :

BNA_F

ClientSampleId :

TPTW-04MS

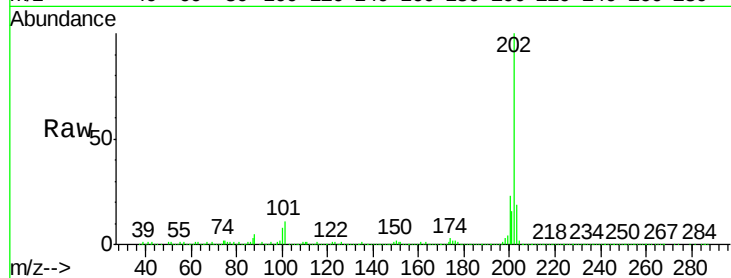
Tgt Ion:202 Resp: 882163

Ion Ratio Lower Upper

202 100

101 11.1 0.0 34.1

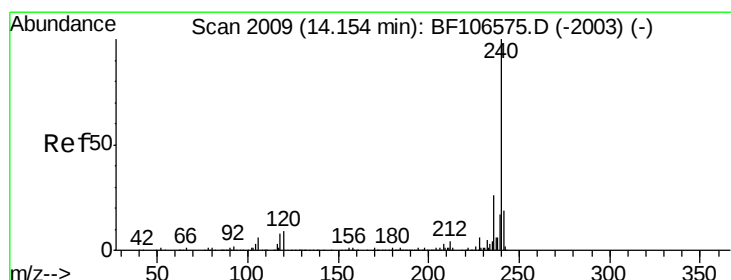
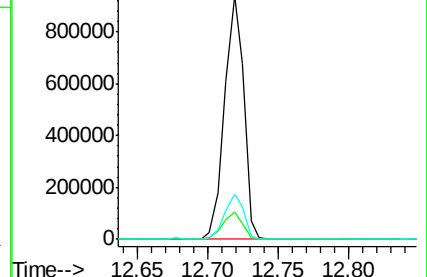
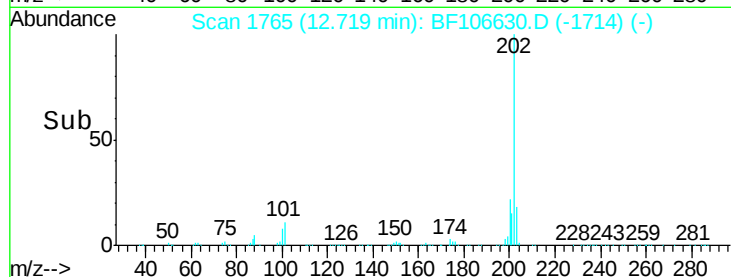
203 18.6 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BF106630.D

Acq: 20 Jun 2018 20:07

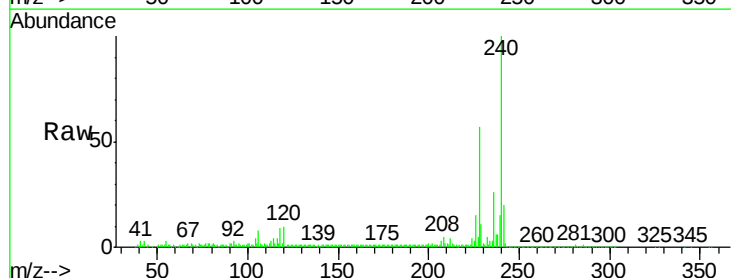
Tgt Ion:240 Resp: 286170

Ion Ratio Lower Upper

240 100

120 10.3 9.5 14.3

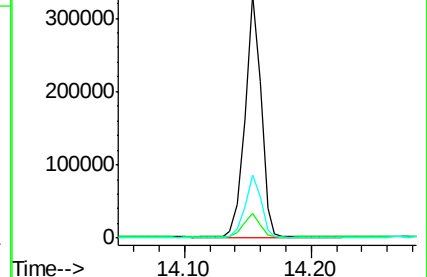
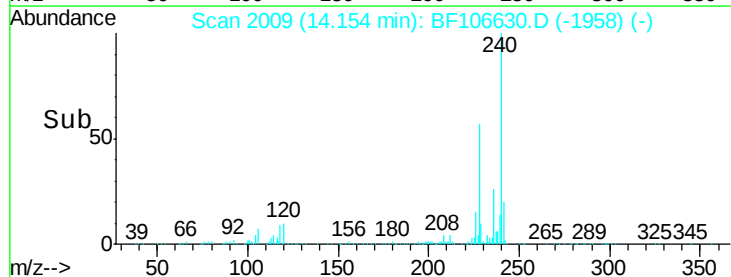
236 26.0 20.7 31.1

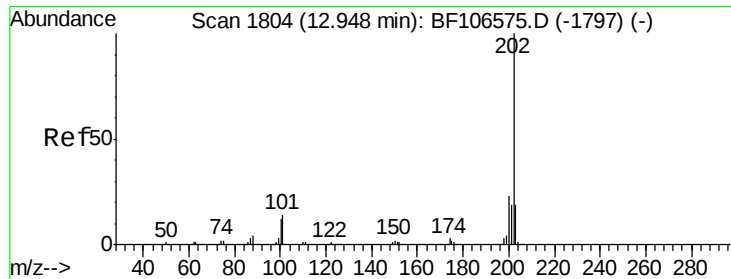


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 46.358 ng

RT: 12.95 min Scan# 1805

Delta R.T. 0.01 min

Lab File: BF106630.D

Acq: 20 Jun 2018 20:07

Instrument :

BNA_F

ClientSampleId :

TPTW-04MS

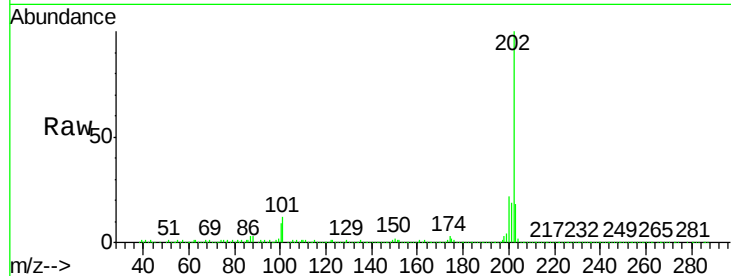
Tgt Ion:202 Resp: 874827

Ion Ratio Lower Upper

202 100

200 22.3 17.4 26.2

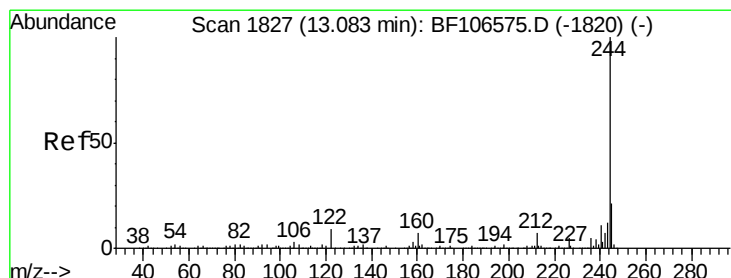
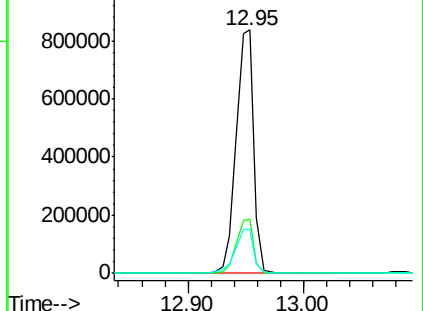
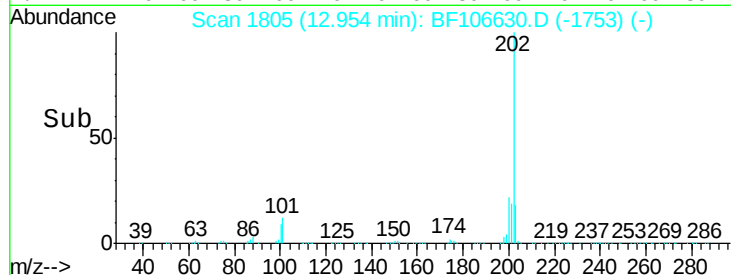
203 18.1 14.3 21.5



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: 97.180 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF106630.D

Acq: 20 Jun 2018 20:07

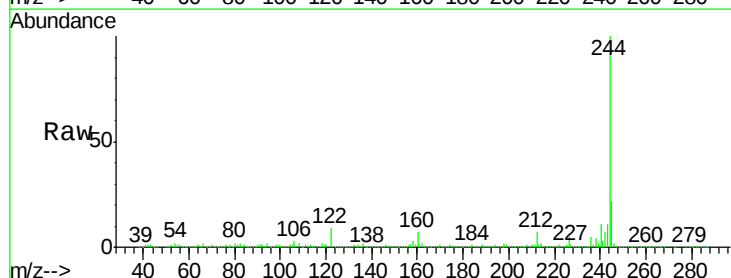
Tgt Ion:244 Resp: 1148080

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

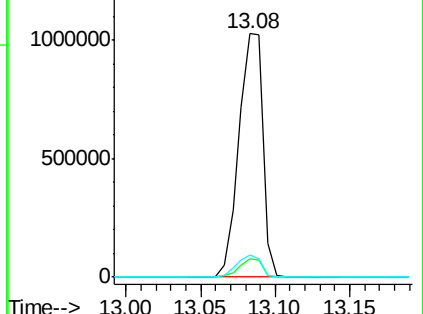
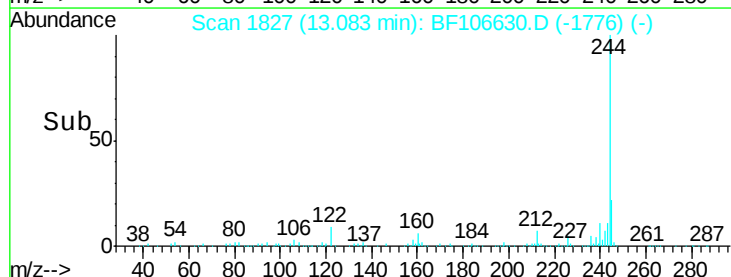
122 9.3 11.0 16.4#

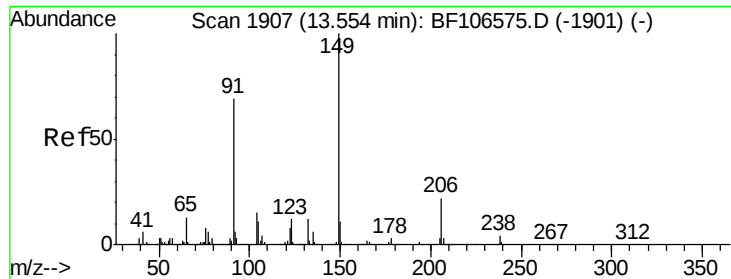


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

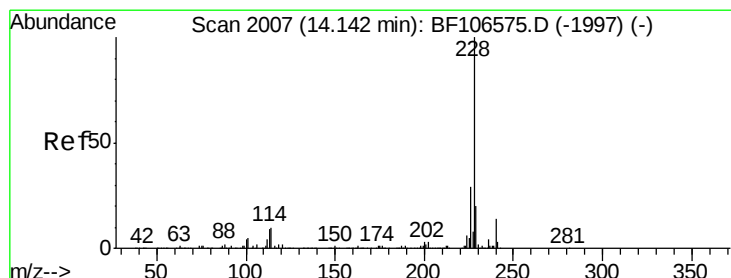
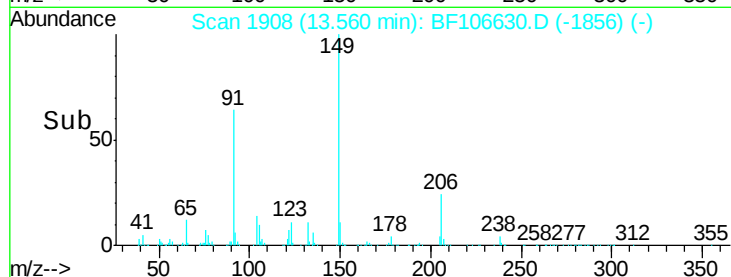
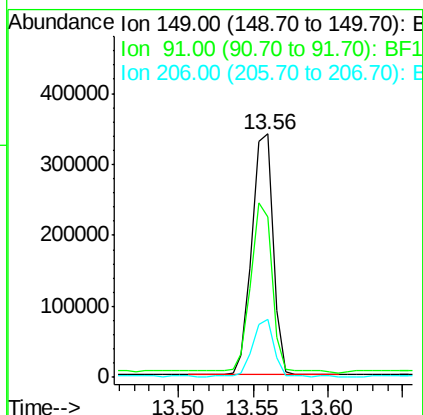
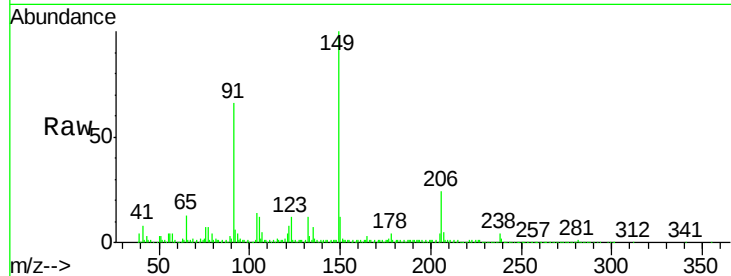




#79
Butylbenzylphthalate
Concen: 42.986 ng
RT: 13.56 min Scan# 1908
Delta R.T. 0.01 min
Lab File: BF106630.D
Acq: 20 Jun 2018 20:07

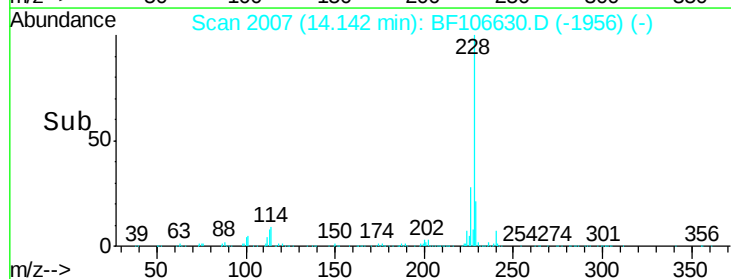
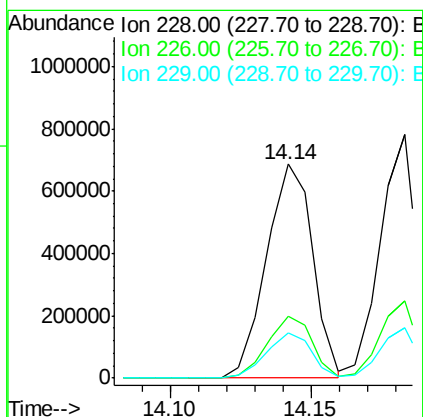
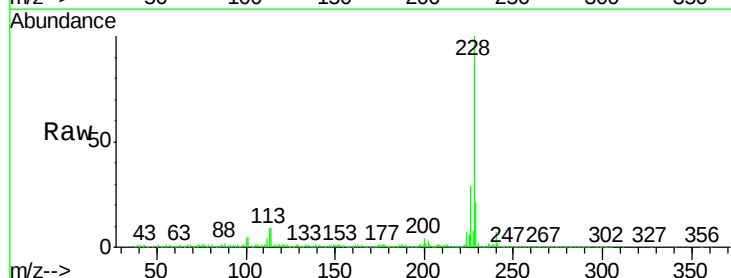
Instrument :
BNA_F
ClientSampleId :
TPTW-04MS

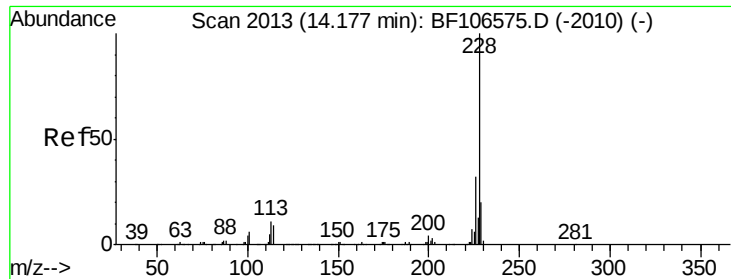
Tgt Ion:149 Resp: 333516
Ion Ratio Lower Upper
149 100
91 65.9 56.8 85.2
206 24.0 14.1 21.1#



#80
Benzo(a)anthracene
Concen: 44.564 ng
RT: 14.14 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BF106630.D
Acq: 20 Jun 2018 20:07

Tgt Ion:228 Resp: 777257
Ion Ratio Lower Upper
228 100
226 28.7 22.6 33.8
229 20.9 15.8 23.6





#82

Chrysene

Concen: 44.543 ng

RT: 14.18 min Scan# 2014

Delta R.T. 0.01 min

Lab File: BF106630.D

Acq: 20 Jun 2018 20:07

Instrument :

BNA_F

ClientSampleId :

TPTW-04MS

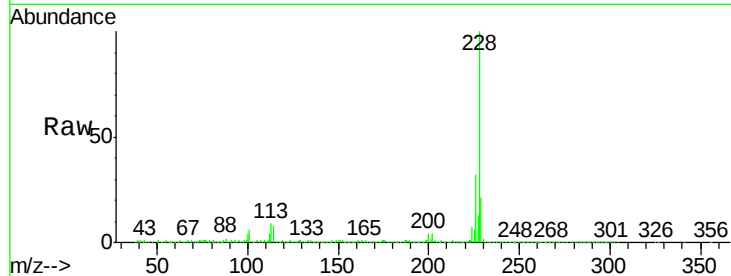
Tgt Ion:228 Resp: 714725

Ion Ratio Lower Upper

228 100

226 31.9 25.0 37.6

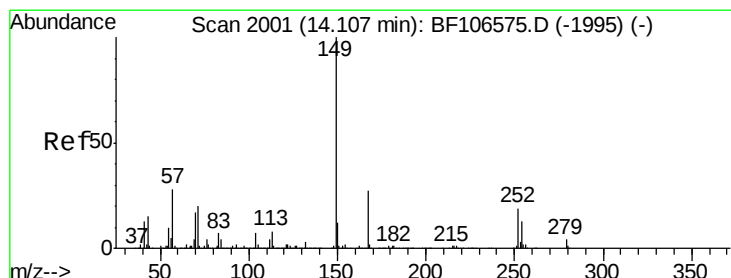
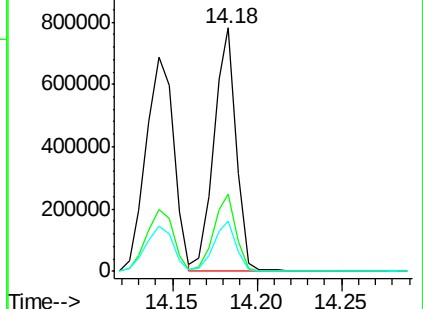
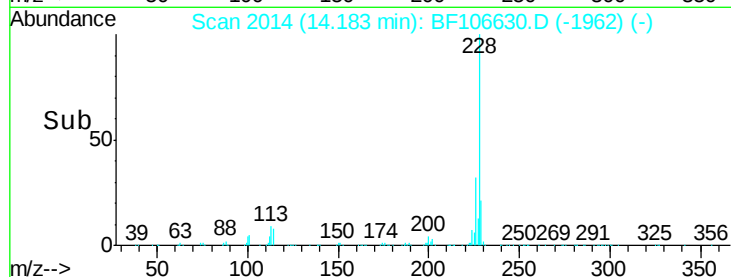
229 20.8 16.2 24.4



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: 48.720 ng

RT: 14.11 min Scan# 2002

Delta R.T. 0.01 min

Lab File: BF106630.D

Acq: 20 Jun 2018 20:07

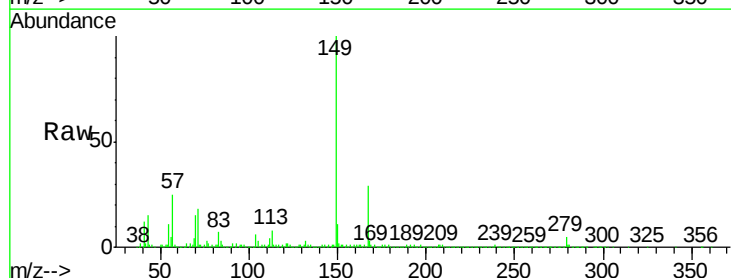
Tgt Ion:149 Resp: 483271

Ion Ratio Lower Upper

149 100

167 28.9 21.3 31.9

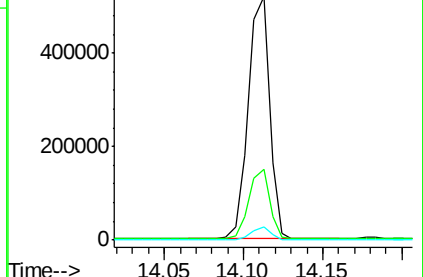
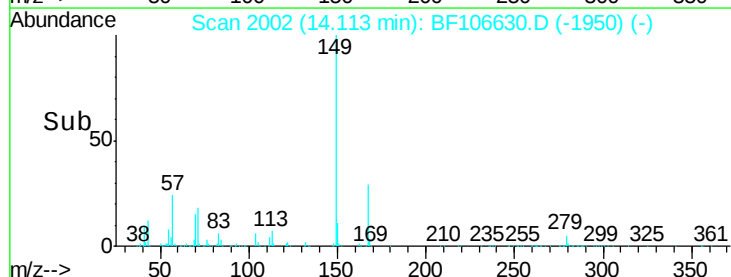
279 5.4 3.0 4.4#

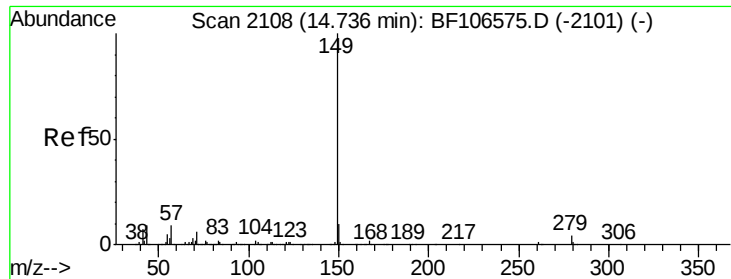


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

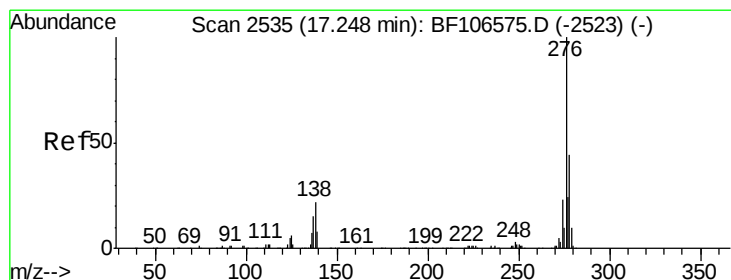
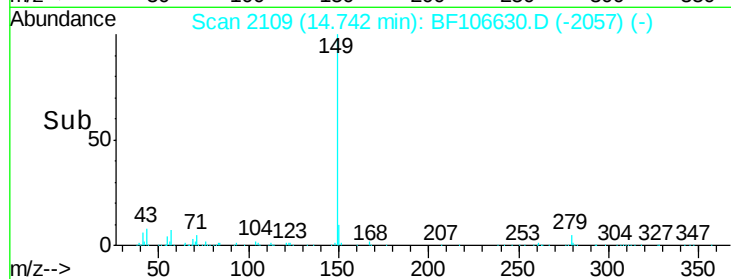
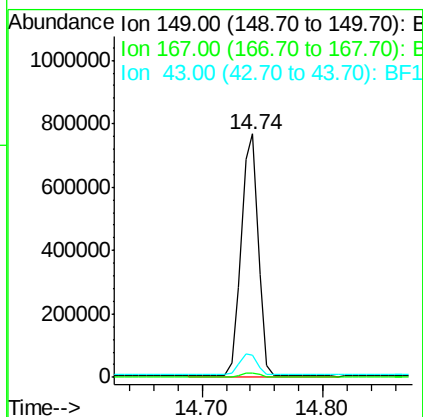
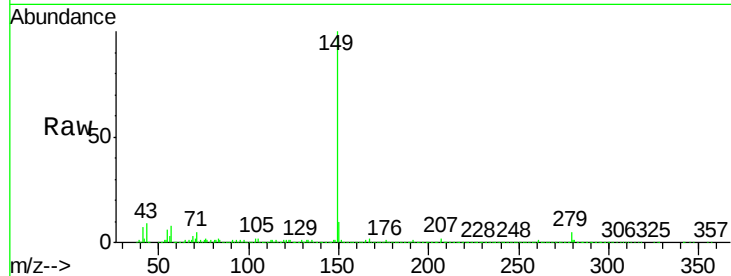




#84
Di-n-octyl phthalate
Concen: 46.843 ng
RT: 14.74 min Scan# 2109
Delta R.T. 0.01 min
Lab File: BF106630.D
Acq: 20 Jun 2018 20:07

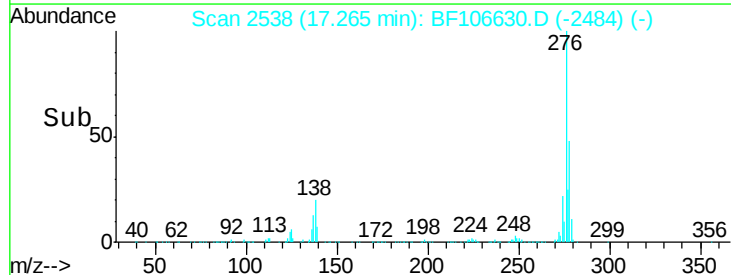
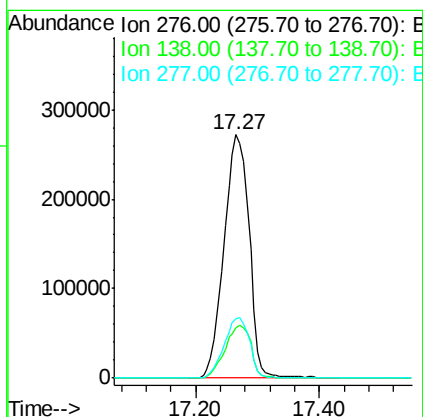
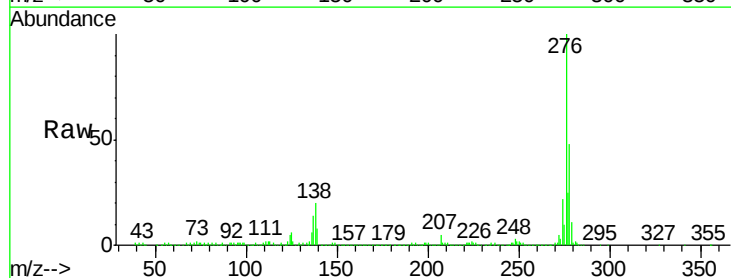
Instrument :
BNA_F
ClientSampleId :
TPTW-04MS

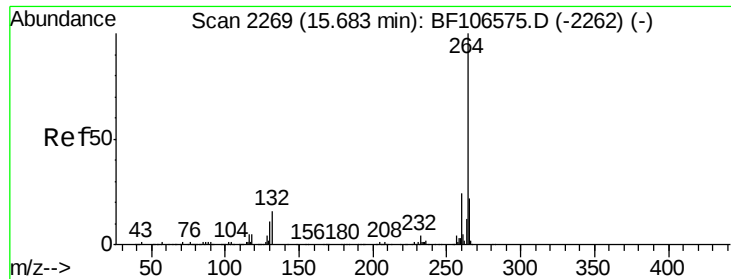
Tgt Ion:149 Resp: 757402
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 8.5 8.4 12.6



#85
Indeno(1,2,3-cd)pyrene
Concen: 56.506 ng
RT: 17.27 min Scan# 2538
Delta R.T. 0.02 min
Lab File: BF106630.D
Acq: 20 Jun 2018 20:07

Tgt Ion:276 Resp: 769437
Ion Ratio Lower Upper
276 100
138 22.4 25.0 37.6#
277 25.4 20.1 30.1

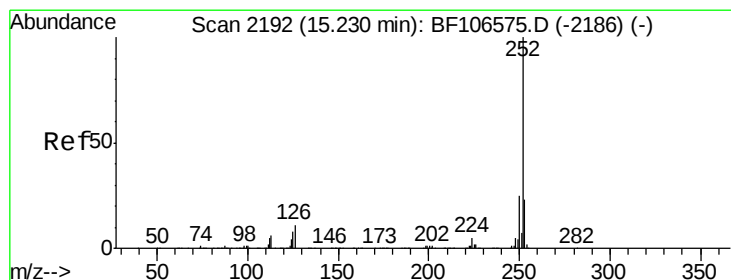
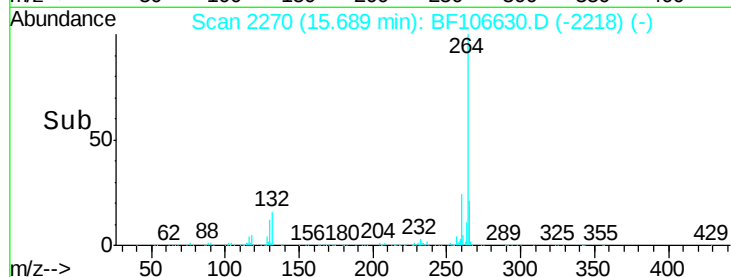
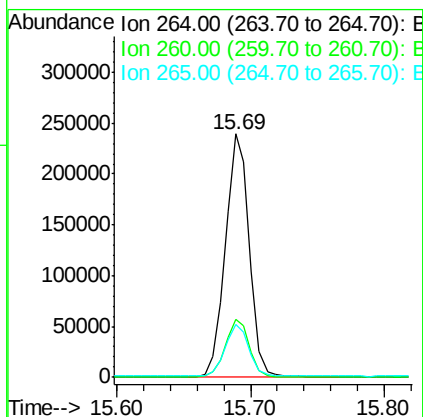
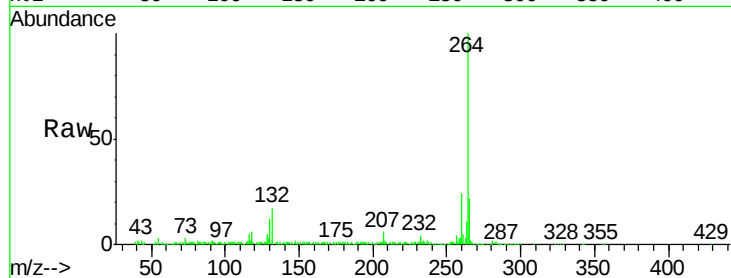




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF106630.D
Acq: 20 Jun 2018 20:07

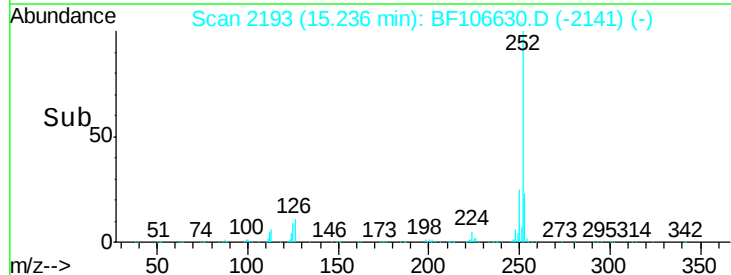
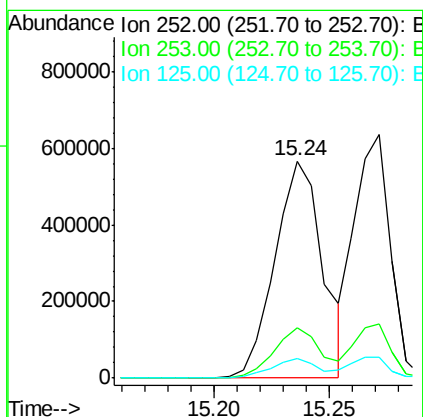
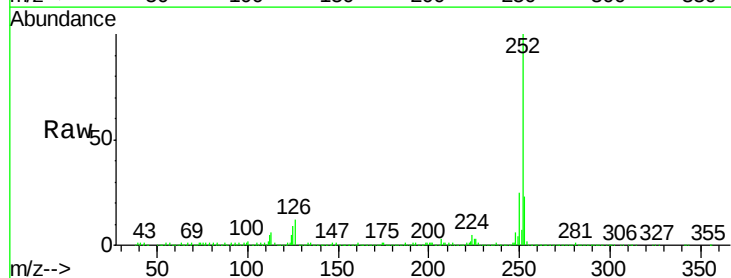
Instrument :
BNA_F
ClientSampleId :
TPTW-04MS

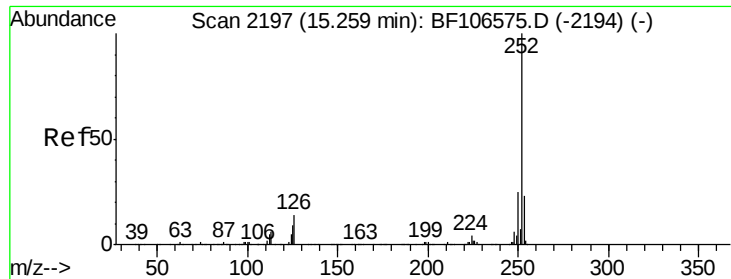
Tgt Ion:264 Resp: 300781
Ion Ratio Lower Upper
264 100
260 23.7 19.2 28.8
265 21.9 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 43.563 ng
RT: 15.24 min Scan# 2193
Delta R.T. 0.01 min
Lab File: BF106630.D
Acq: 20 Jun 2018 20:07

Tgt Ion:252 Resp: 813945
Ion Ratio Lower Upper
252 100
253 23.0 17.0 25.6
125 9.1 9.0 13.6

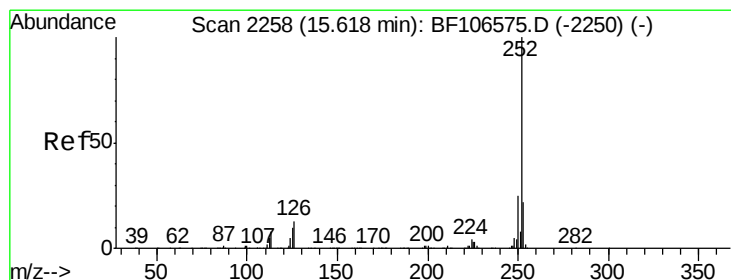
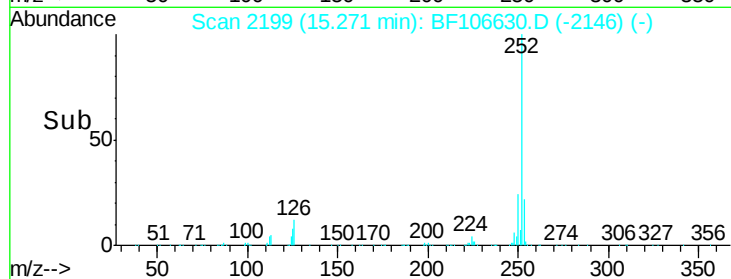
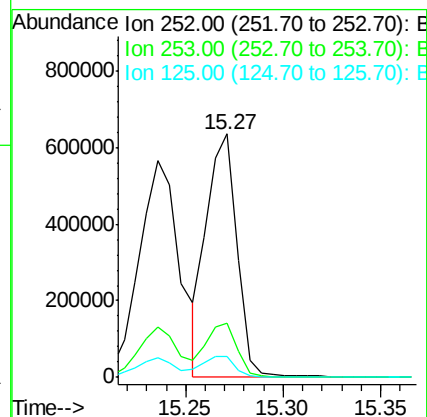
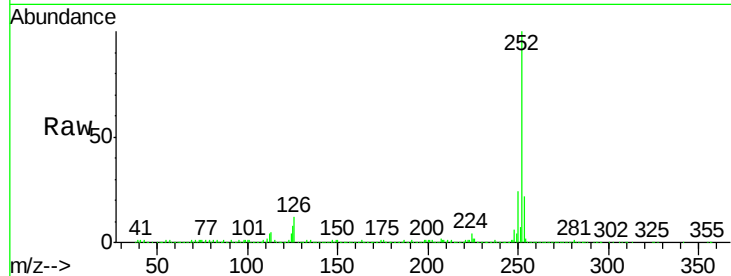




#88
Benzo(k)fluoranthene
Concen: 38.433 ng
RT: 15.27 min Scan# 2199
Delta R.T. 0.01 min
Lab File: BF106630.D
Acq: 20 Jun 2018 20:07

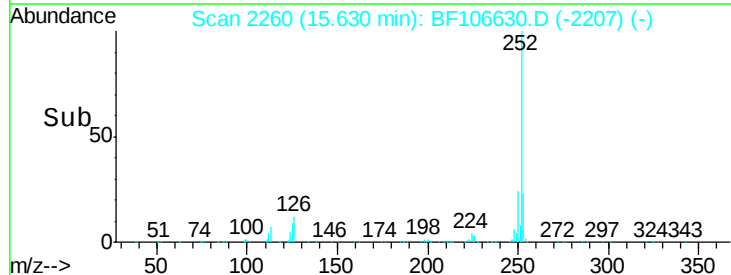
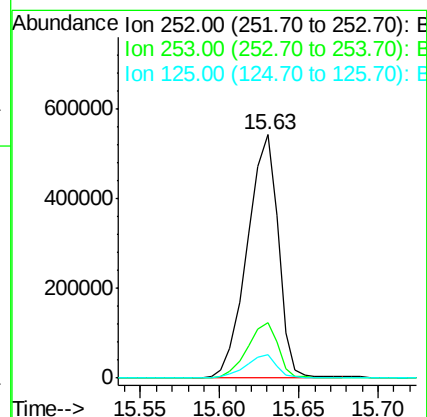
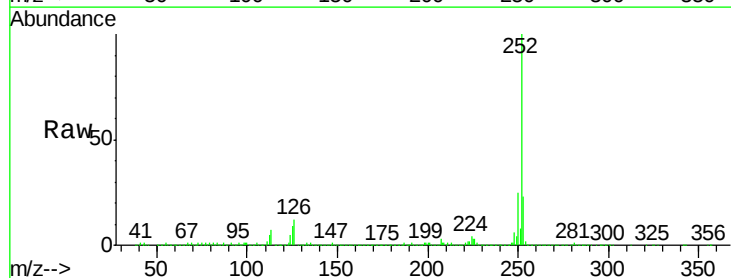
Instrument :
BNA_F
ClientSampleId :
TPTW-04MS

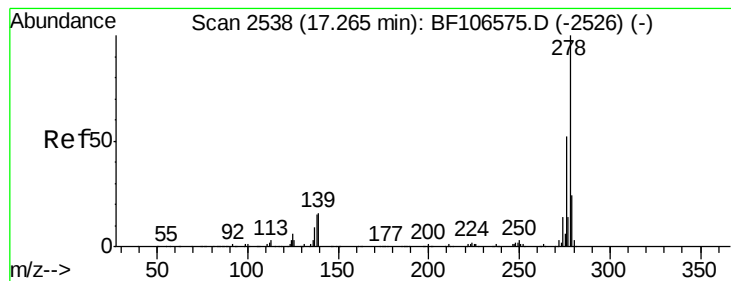
Tgt Ion:252 Resp: 683846
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 8.4 10.2 15.2#



#89
Benzo(a)pyrene
Concen: 44.320 ng
RT: 15.63 min Scan# 2260
Delta R.T. 0.01 min
Lab File: BF106630.D
Acq: 20 Jun 2018 20:07

Tgt Ion:252 Resp: 736149
Ion Ratio Lower Upper
252 100
253 22.8 17.1 25.7
125 9.4 9.8 14.6#





#90

Dibenzo(a,h)anthracene

Concen: 45.073 ng

RT: 17.28 min Scan# 2541

Delta R.T. 0.02 min

Lab File: BF106630.D

Acq: 20 Jun 2018 20:07

Instrument :

BNA_F

ClientSampleId :

TPTW-04MS

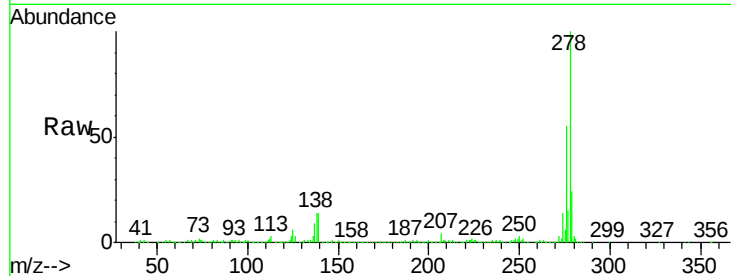
Tgt Ion:278 Resp: 634477

Ion Ratio Lower Upper

278 100

139 14.0 15.9 23.9#

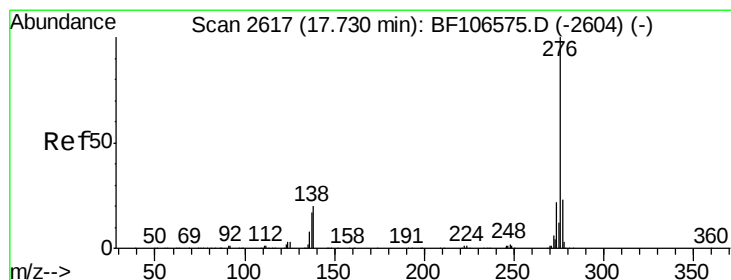
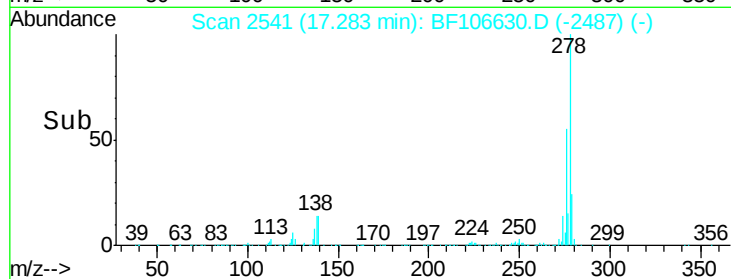
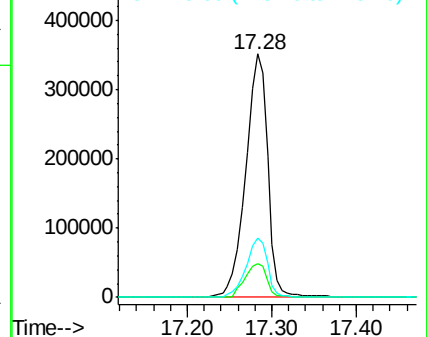
279 24.3 19.0 28.4



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(g,h,i)perylene

Concen: 45.256 ng

RT: 17.75 min Scan# 2620

Delta R.T. 0.02 min

Lab File: BF106630.D

Acq: 20 Jun 2018 20:07

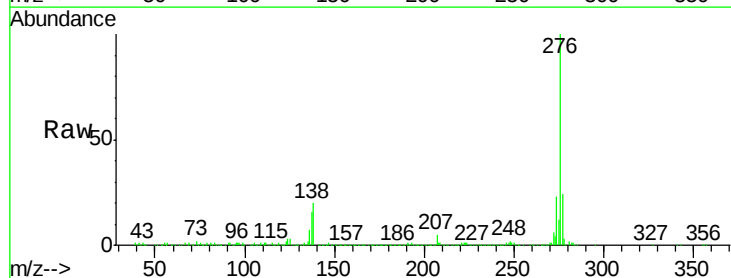
Tgt Ion:276 Resp: 622670

Ion Ratio Lower Upper

276 100

277 24.4 17.9 26.9

138 19.5 21.8 32.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

