

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062018\
 Data File : BF106624.D
 Acq On : 20 Jun 2018 17:23
 Operator : JU/SJ
 Sample : PB110384BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110384BSD

Quant Time: Jun 21 01:01:32 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	94850	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	360846	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	198066	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	419440	20.00	ng	0.00
75) Chrysene-d12	14.15	240	375811	20.00	ng	0.00
86) Perylene-d12	15.69	264	296066	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	427937	76.40	ng	0.00
7) Phenol-d6	6.60	99	538148	76.93	ng	0.00
23) Nitrobenzene-d5	7.52	82	516492	79.54	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	207199	90.26	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	952147	80.61	ng	0.00
78) Terphenyl-d14	13.08	244	1283487	82.73	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.87	88	90551	31.444	ng	96
3) Pyridine	3.64	79	273947	35.076	ng	95
4) n-Nitrosodimethylamine	3.60	42	114793	34.606	ng	92
6) Aniline	6.62	93	164010	17.285	ng	96
8) 2-Chlorophenol	6.75	128	241928	39.378	ng	97
9) Benzaldehyde	6.51	77	122265	22.845	ng	100
10) Phenol	6.61	94	302132	37.847	ng	93
11) bis(2-Chloroethyl)ether	6.69	93	243602	36.963	ng	97
12) 1,3-Dichlorobenzene	6.90	146	272163	37.823	ng	98
13) 1,4-Dichlorobenzene	6.98	146	274245	37.698	ng	98
14) 1,2-Dichlorobenzene	7.13	146	256364	38.452	ng	98
15) Benzyl Alcohol	7.10	79	220169	39.198	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.22	45	371818	43.000	ng	82
17) 2-Methylphenol	7.21	107	207935	39.549	ng	96
18) Hexachloroethane	7.47	117	97515	38.118	ng	# 87
19) n-Nitroso-di-n-propylamine	7.37	70	165560	35.906	ng	95
20) 3+4-Methylphenols	7.37	107	249061	43.463	ng	# 67
22) Acetophenone	7.37	105	322681	39.970	ng	# 94
24) Nitrobenzene	7.54	77	267625	40.371	ng	97
25) Isophorone	7.78	82	499830	43.684	ng	98
26) 2-Nitrophenol	7.86	139	134953	43.124	ng	95
27) 2,4-Dimethylphenol	7.90	122	226507	46.828	ng	100
28) bis(2-Chloroethoxy)methane	7.98	93	313984	40.871	ng	99
29) 2,4-Dichlorophenol	8.11	162	222158	43.870	ng	93
30) 1,2,4-Trichlorobenzene	8.18	180	242808	43.524	ng	96
31) Naphthalene	8.27	128	689167	40.850	ng	100
32) Benzoic acid	8.02	122	131122	38.549	ng	98
33) 4-Chloroaniline	8.31	127	54811	7.743	ng	97
34) Hexachlorobutadiene	8.37	225	156794	43.134	ng	98
35) Caprolactam	8.69	113	44508	26.963	ng	98
36) 4-Chloro-3-methylphenol	8.80	107	241096	45.232	ng	98
37) 2-Methylnaphthalene	8.95	142	517418	46.271	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	267280	40.071	ng	97
40) Hexachlorocyclopentadiene	9.11	237	307843	89.703	ng	97

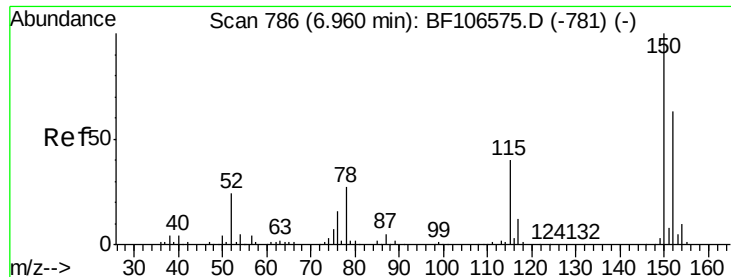
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062018\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 19 14:32:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	171266	38.627	ng	93
43) 2,4,5-Trichlorophenol	9.28	196	182733	39.496	ng	90
45) 1,1'-Biphenyl	9.42	154	622539	39.439	ng	100
46) 2-Chloronaphthalene	9.45	162	465828	37.491	ng	95
47) 2-Nitroaniline	9.55	65	157874	37.786	ng	99
48) Acenaphthylene	9.87	152	744064	37.930	ng	98
49) Dimethylphthalate	9.72	163	560548	37.734	ng	98
50) 2,6-Dinitrotoluene	9.78	165	137410	43.683	ng	96
51) Acenaphthene	10.04	154	453025	36.674	ng	98
52) 3-Nitroaniline	9.95	138	54270	14.993	ng	99
53) 2,4-Dinitrophenol	10.07	184	147879	89.721	ng	# 18
54) Dibenzofuran	10.21	168	709459	41.943	ng	96
55) 4-Nitrophenol	10.14	139	188385	74.559	ng	94
56) 2,4-Dinitrotoluene	10.20	165	188724	45.964	ng	# 83
57) Fluorene	10.55	166	548296	40.849	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	167355	45.505	ng	# 80
59) Diethylphthalate	10.42	149	554762	38.692	ng	# 93
60) 4-Chlorophenyl-phenylether	10.54	204	284101	40.453	ng	# 86
61) 4-Nitroaniline	10.58	138	140582	39.133	ng	95
62) Azobenzene	10.70	77	554002	39.238	ng	96
64) 4,6-Dinitro-2-methylphenol	10.60	198	111147	42.868	ng	76
65) n-Nitrosodiphenylamine	10.67	169	496885	35.220	ng	99
66) 4-Bromophenyl-phenylether	11.03	248	203602	40.673	ng	# 83
67) Hexachlorobenzene	11.10	284	215354	41.104	ng	# 84
68) Atrazine	11.19	200	190781	42.538	ng	94
69) Pentachlorophenol	11.30	266	198253	75.837	ng	98
70) Phenanthrene	11.52	178	839020	41.473	ng	99
71) Anthracene	11.57	178	871722	42.216	ng	98
72) Carbazole	11.73	167	790409	40.884	ng	98
73) Di-n-butylphthalate	12.04	149	911048	40.001	ng	99
74) Fluoranthene	12.71	202	970812	43.538	ng	96
76) Benzidine	12.83	184	333116	31.124	ng	97
77) Pyrene	12.94	202	985229	39.756	ng	97
79) Butylbenzylphthalate	13.55	149	410406	40.279	ng	# 96
80) Benzo(a)anthracene	14.14	228	929901	40.599	ng	98
81) 3,3'-Dichlorobenzidine	14.09	252	94685	11.762	ng	# 96
82) Chrysene	14.18	228	858968	40.763	ng	99
83) Bis(2-ethylhexyl)phthalate	14.11	149	573616	44.034	ng	97
84) Di-n-octyl phthalate	14.75	149	869103	40.930	ng	97
85) Indeno(1,2,3-cd)pyrene	17.27	276	748041	41.831	ng	# 91
87) Benzo(b)fluoranthene	15.24	252	804584	43.748	ng	# 96
88) Benzo(k)fluoranthene	15.28	252	689171	39.349	ng	# 95
89) Benzo(a)pyrene	15.63	252	687612	42.057	ng	# 97
90) Dibenzo(a,h)anthracene	17.29	278	615691	44.435	ng	# 93
91) Benzo(g,h,i)perylene	17.75	276	642225	47.420	ng	# 89

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

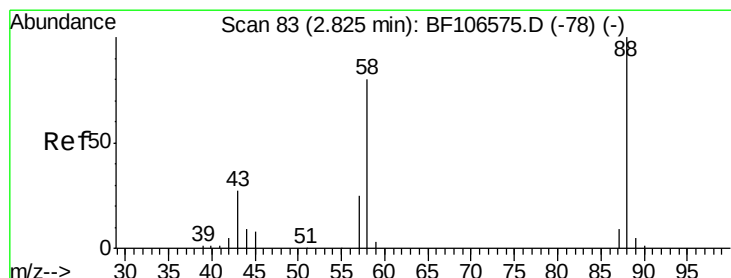
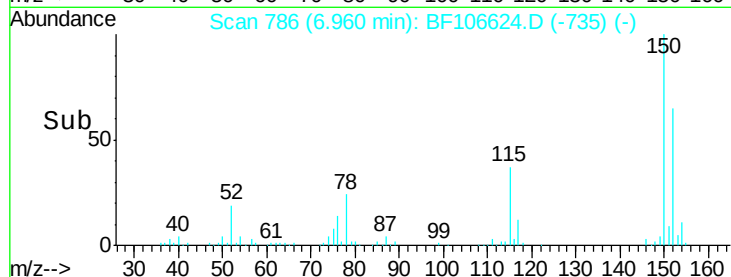
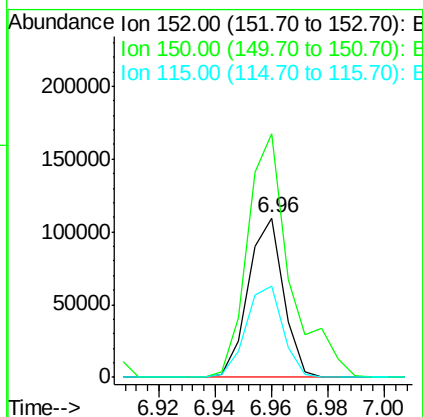
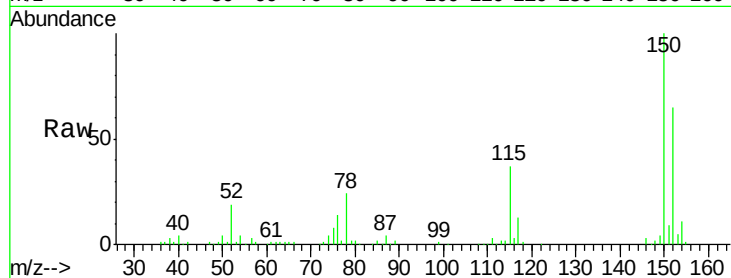


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106624.D
Acq: 20 Jun 2018 17:23

Instrument :
BNA_F
ClientSampleId :
PB110384BSD

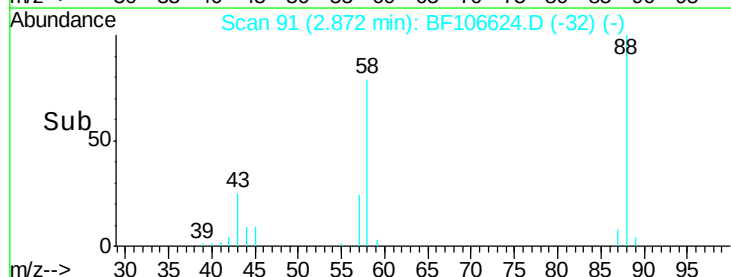
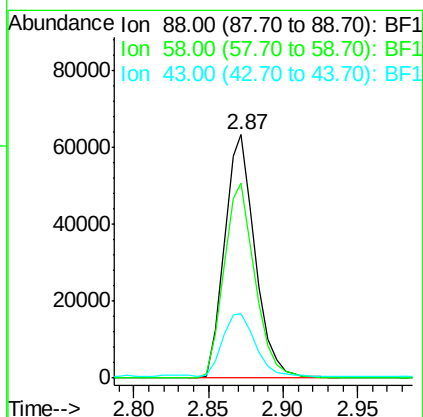
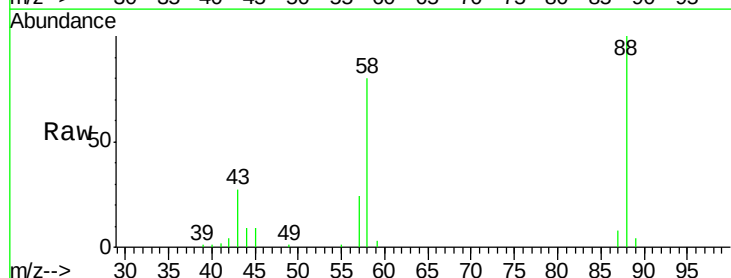
Tgt Ion:152 Resp: 94850
Ion Ratio Lower Upper
152 100
150 152.9 124.6 186.8
115 57.1 50.1 75.1

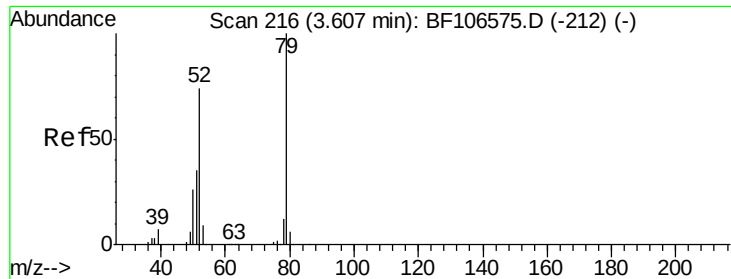


#2

1,4-Dioxane
Concen: 31.444 ng
RT: 2.87 min Scan# 91
Delta R.T. 0.05 min
Lab File: BF106624.D
Acq: 20 Jun 2018 17:23

Tgt Ion: 88 Resp: 90551
Ion Ratio Lower Upper
88 100
58 81.5 62.6 93.8
43 28.3 24.6 37.0





#3

Pyridine

Concen: 35.076 ng

RT: 3.64 min Scan# 221

Delta R.T. 0.03 min

Lab File: BF106624.D

Acq: 20 Jun 2018 17:23

Instrument :

BNA_F

ClientSampleId :

PB110384BSD

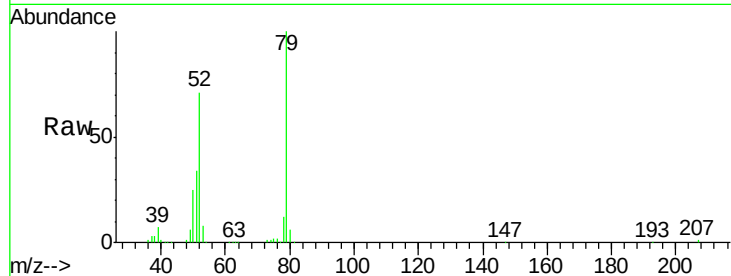
Tgt Ion: 79 Resp: 273947

Ion Ratio Lower Upper

79 100

52 71.0 59.8 89.6

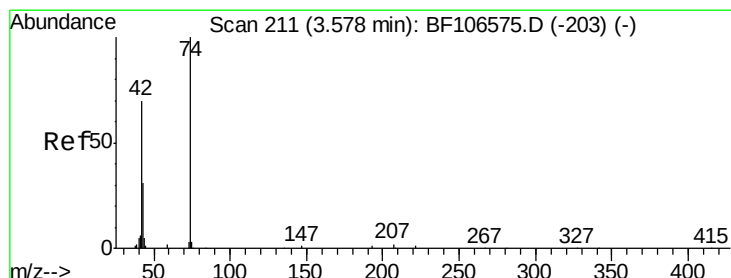
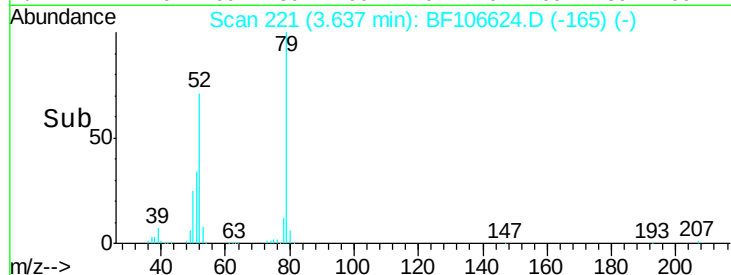
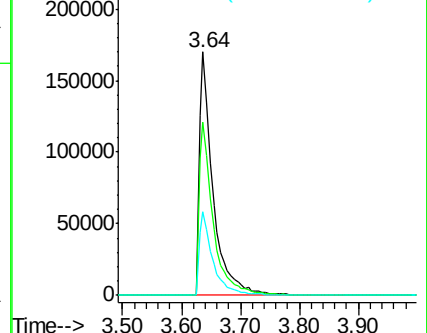
51 34.1 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 34.606 ng

RT: 3.60 min Scan# 215

Delta R.T. 0.02 min

Lab File: BF106624.D

Acq: 20 Jun 2018 17:23

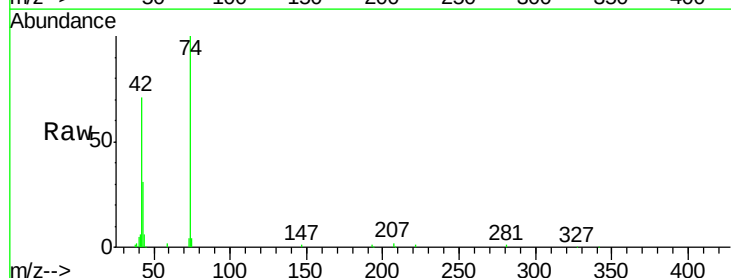
Tgt Ion: 42 Resp: 114793

Ion Ratio Lower Upper

42 100

74 141.2 104.9 157.3

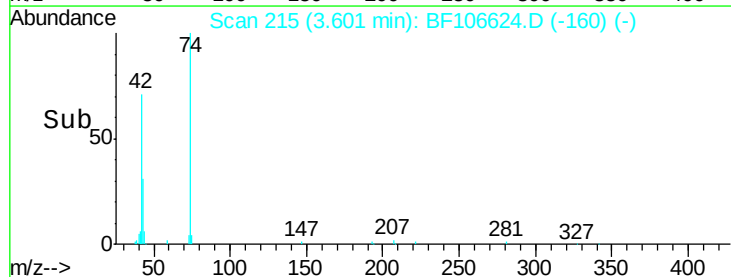
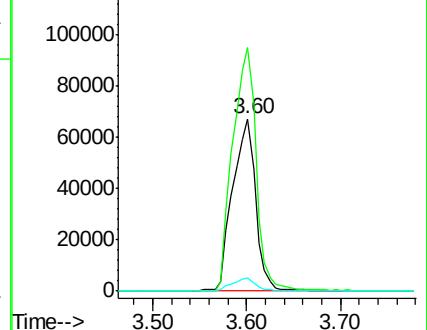
44 7.8 6.9 10.3

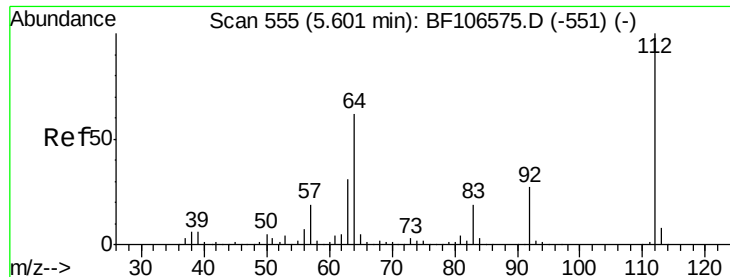


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 76.398 ng

RT: 5.60 min Scan# 555

Delta R.T. 0.00 min

Lab File: BF106624.D

Acq: 20 Jun 2018 17:23

Instrument :

BNA_F

ClientSampleId :

PB110384BSD

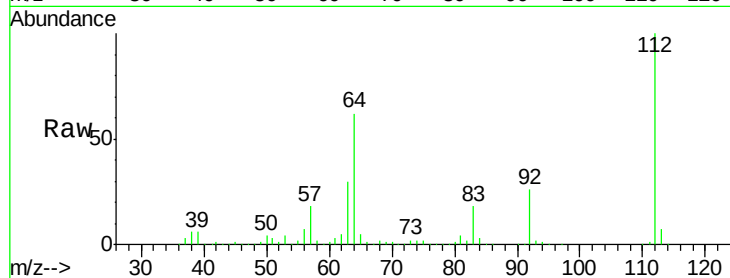
Tgt Ion: 112 Resp: 427937

Ion Ratio Lower Upper

112 100

64 61.8 47.9 71.9

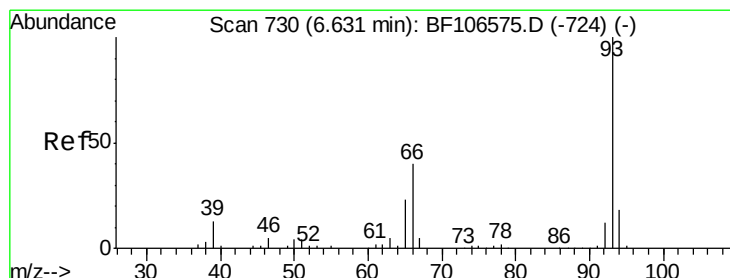
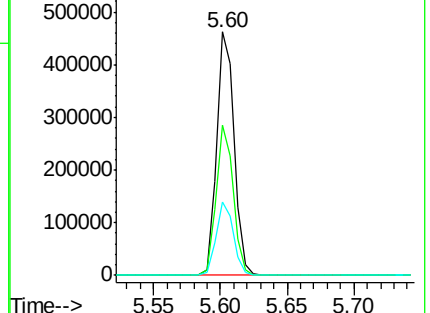
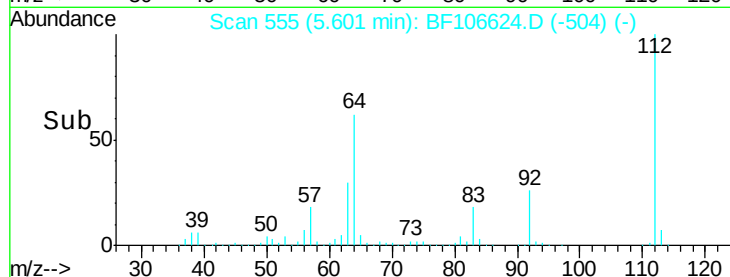
63 30.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 17.285 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF106624.D

Acq: 20 Jun 2018 17:23

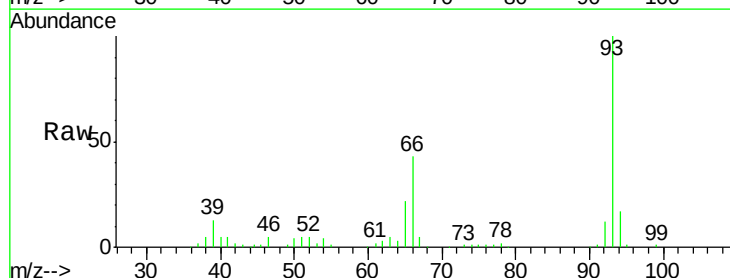
Tgt Ion: 93 Resp: 164010

Ion Ratio Lower Upper

93 100

66 42.8 32.2 48.2

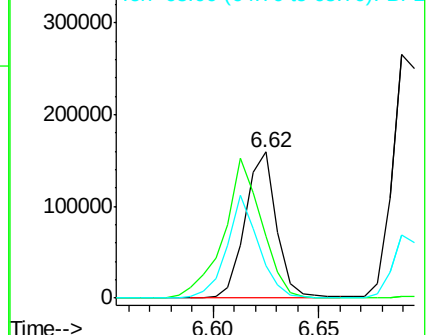
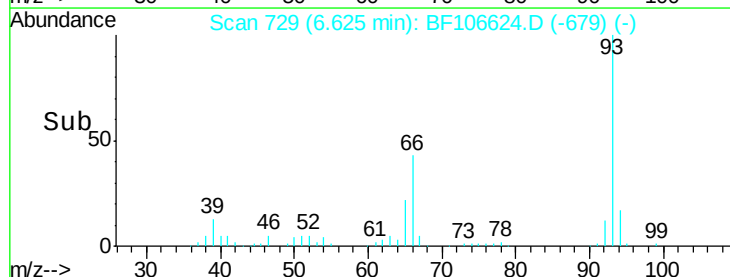
65 22.5 16.4 24.6

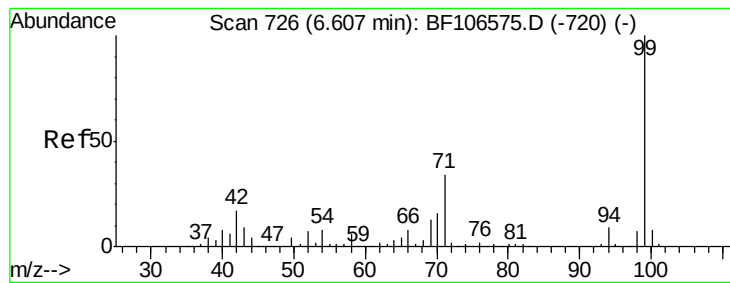


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 76.932 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106624.D

Acq: 20 Jun 2018 17:23

Instrument :

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ClientSampleId :

PB110384BSD

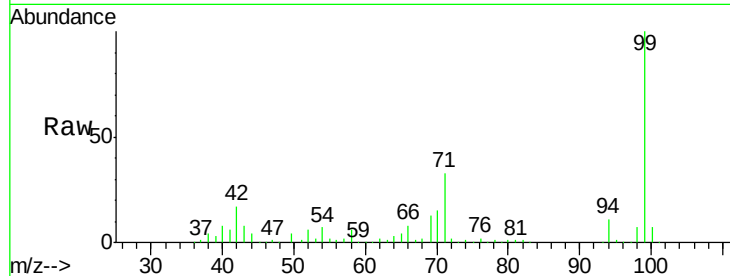
Tgt Ion: 99 Resp: 538148

Ion Ratio Lower Upper

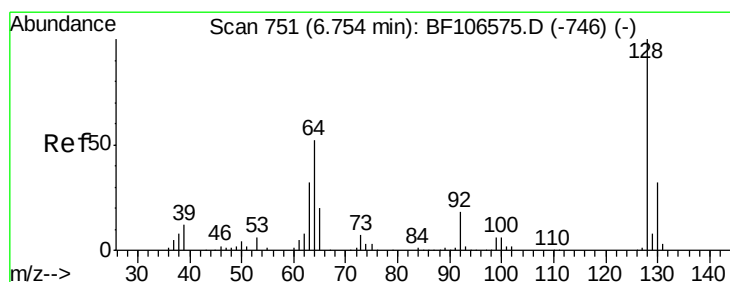
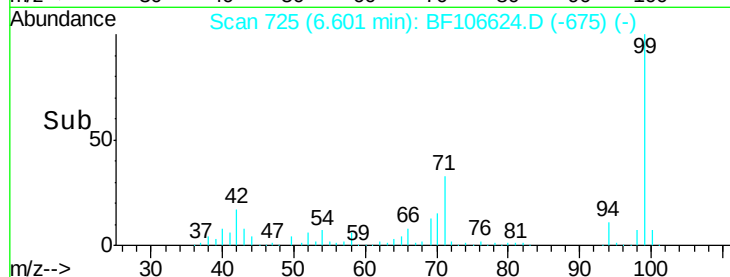
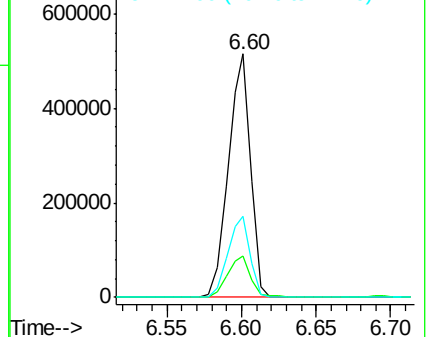
99 100

42 16.9 14.5 21.7

71 33.3 25.4 38.0



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



#8

2-Chlorophenol

Concen: 39.378 ng

RT: 6.75 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF106624.D

Acq: 20 Jun 2018 17:23

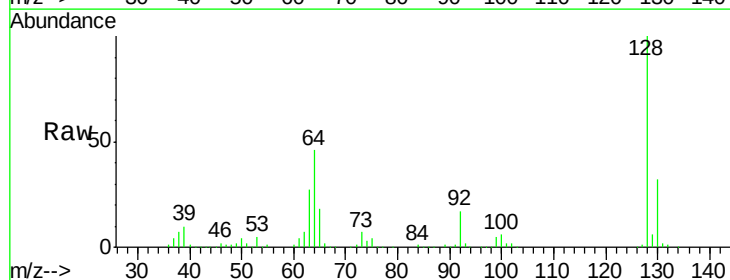
Tgt Ion: 128 Resp: 241928

Ion Ratio Lower Upper

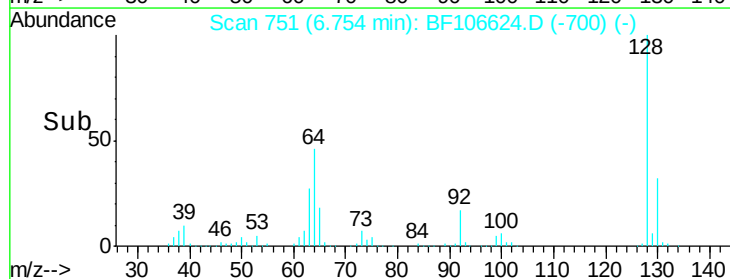
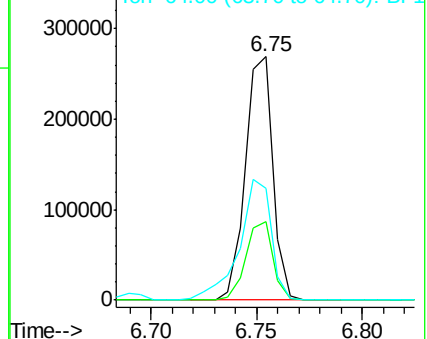
128 100

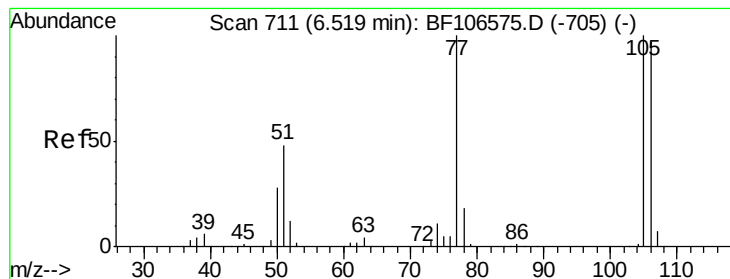
130 32.5 13.0 53.0

64 46.1 29.4 69.4



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





#9

Benzaldehyde

Concen: 22.845 ng

RT: 6.51 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF106624.D

Acq: 20 Jun 2018 17:23

Instrument :

BNA_F

ClientSampleId :

PB110384BSD

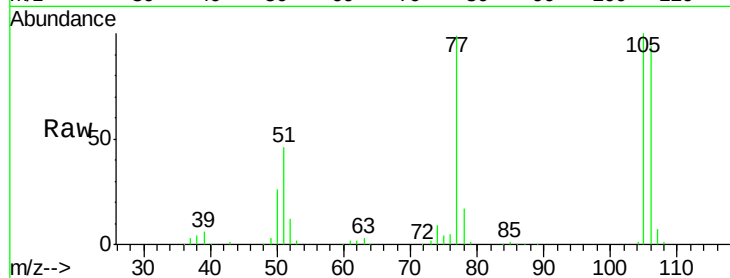
Tgt Ion: 77 Resp: 122265

Ion Ratio Lower Upper

77 100

105 101.1 81.1 121.1

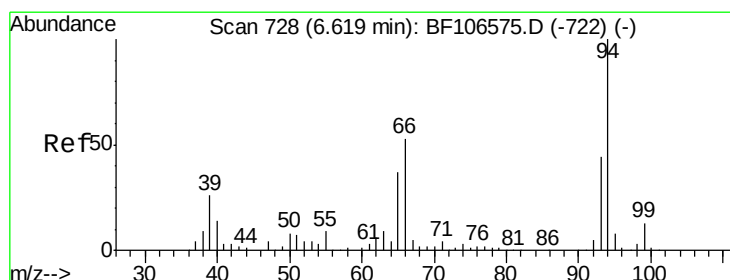
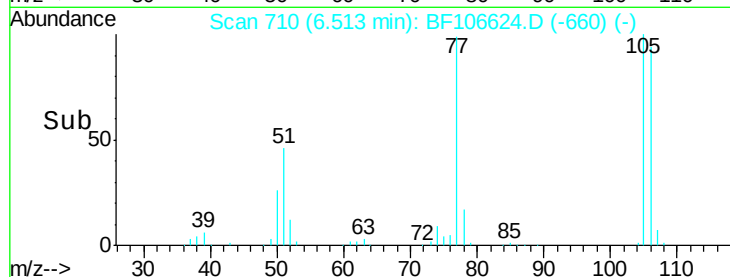
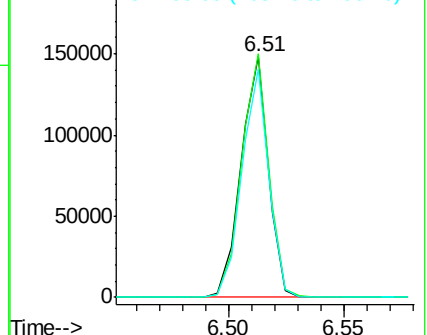
106 94.7 74.5 114.5



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: 37.847 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF106624.D

Acq: 20 Jun 2018 17:23

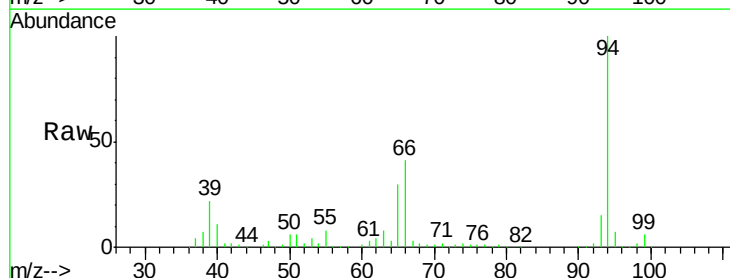
Tgt Ion: 94 Resp: 302132

Ion Ratio Lower Upper

94 100

65 30.4 7.9 47.9

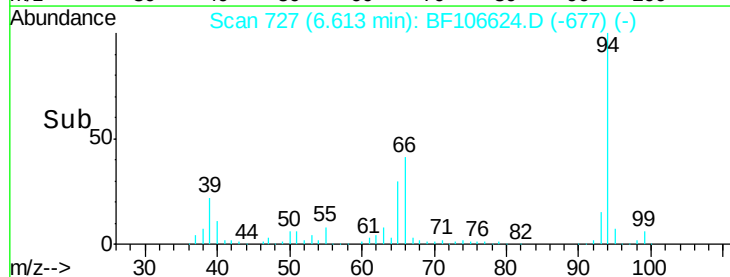
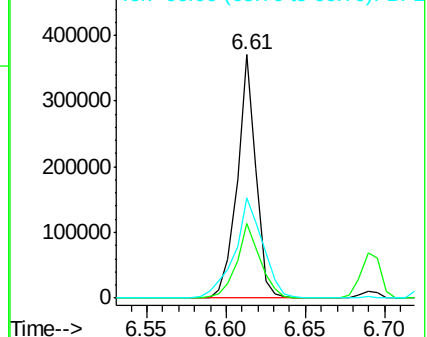
66 41.1 16.2 56.2

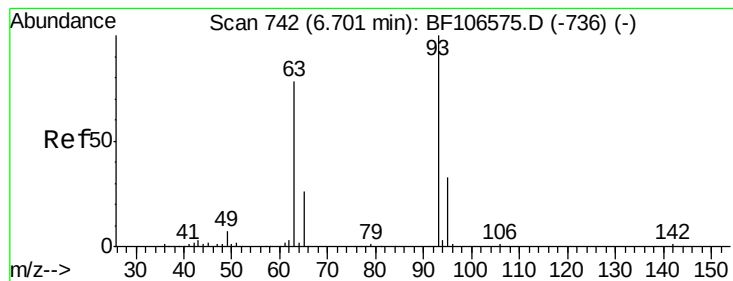


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 36.963 ng

RT: 6.69 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF106624.D

Acq: 20 Jun 2018 17:23

Instrument :

BNA_F

ClientSampleId :

PB110384BSD

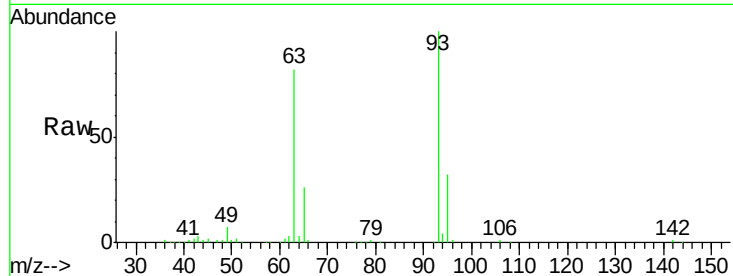
Tgt Ion: 93 Resp: 243602

Ion Ratio Lower Upper

93 100

63 82.4 58.6 98.6

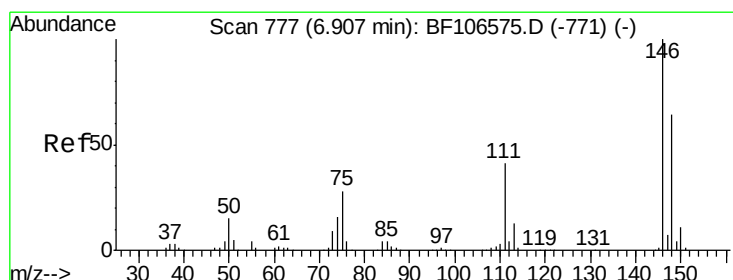
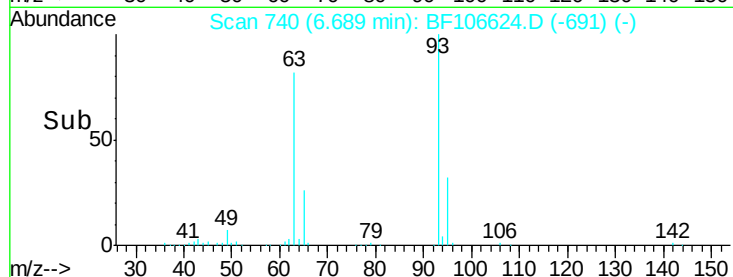
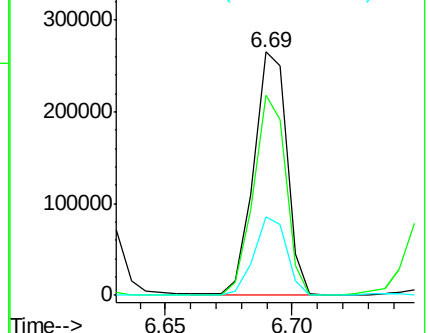
95 32.2 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 37.823 ng

RT: 6.90 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF106624.D

Acq: 20 Jun 2018 17:23

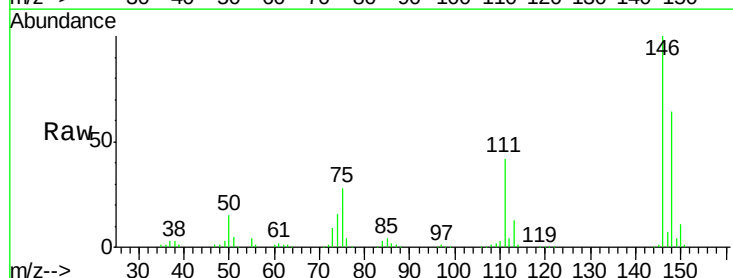
Tgt Ion: 146 Resp: 272163

Ion Ratio Lower Upper

146 100

148 64.0 51.8 77.8

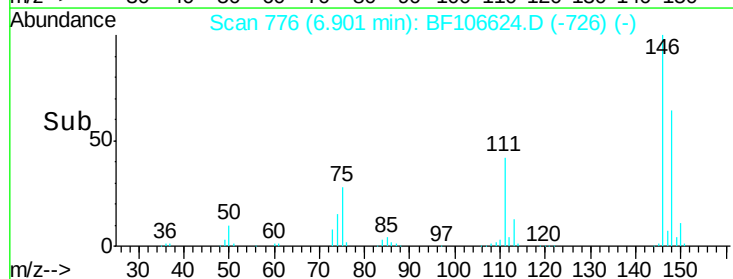
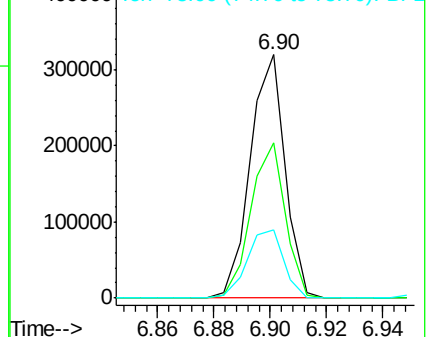
75 28.2 24.2 36.4

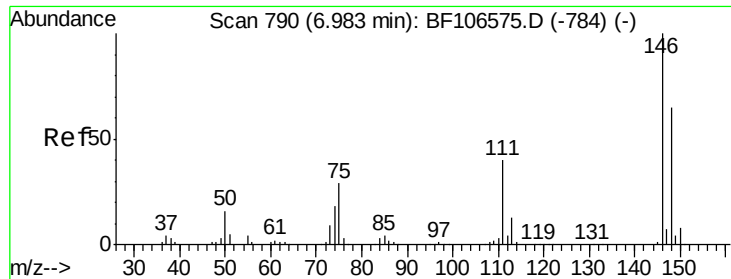


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

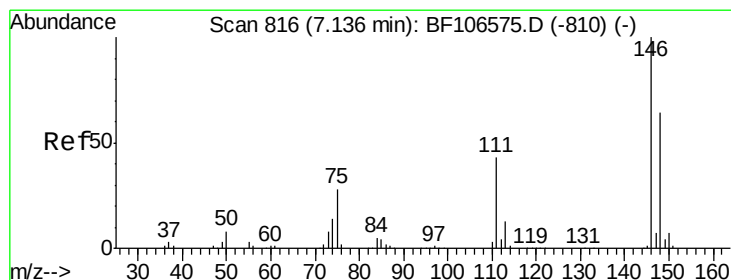
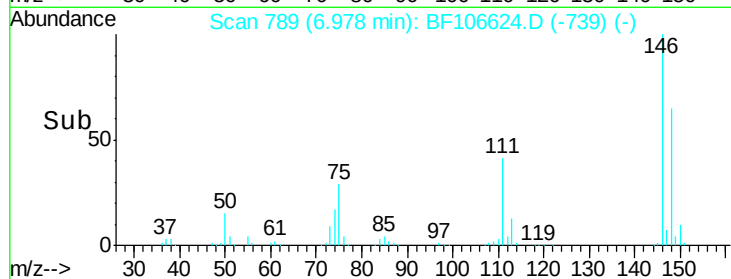
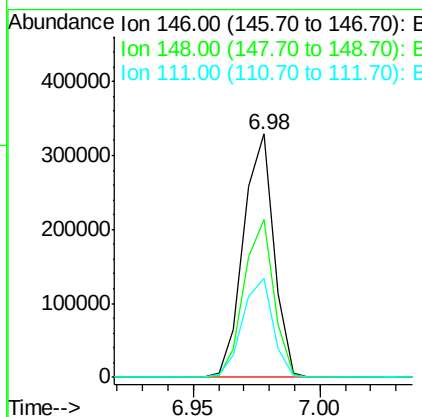
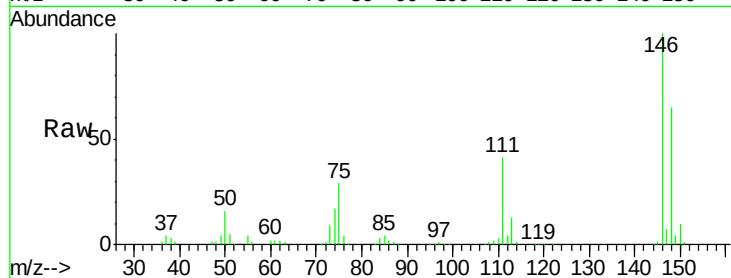




#13
 1,4-Dichlorobenzene
 Concen: 37.698 ng
 RT: 6.98 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF106624.D
 Acq: 20 Jun 2018 17:23

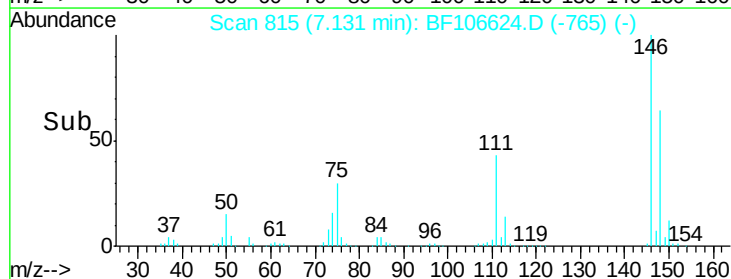
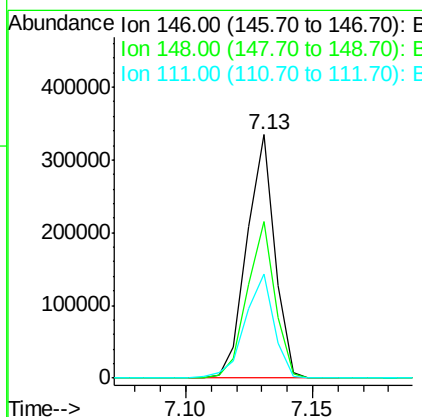
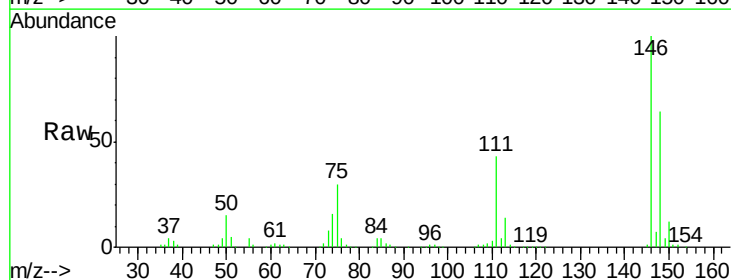
Instrument :
 BNA_F
 ClientSampleId :
 PB110384BSD

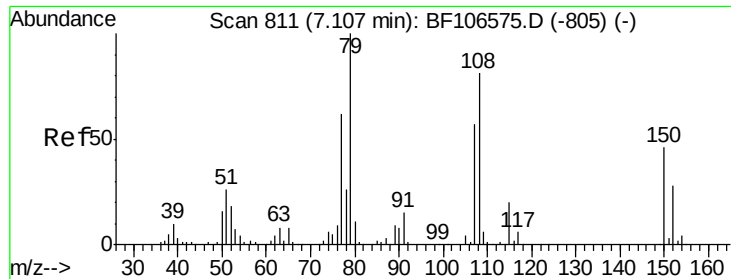
Tgt Ion:146 Resp: 274245
 Ion Ratio Lower Upper
 146 100
 148 64.7 50.8 76.2
 111 40.6 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 38.452 ng
 RT: 7.13 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF106624.D
 Acq: 20 Jun 2018 17:23

Tgt Ion:146 Resp: 256364
 Ion Ratio Lower Upper
 146 100
 148 64.5 50.6 75.8
 111 42.9 36.0 54.0

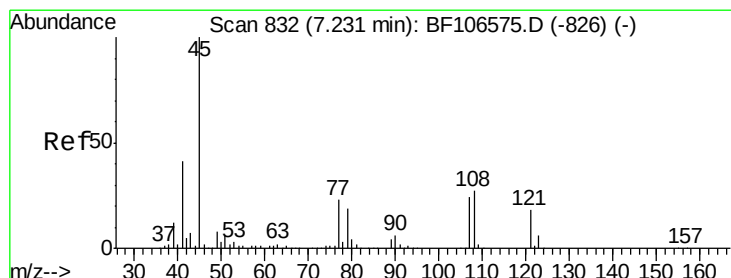
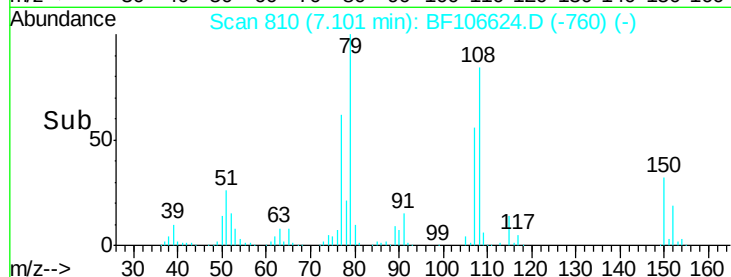
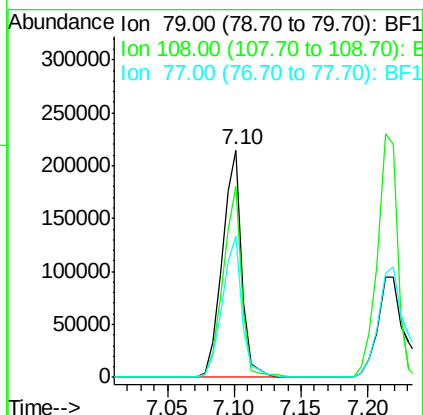
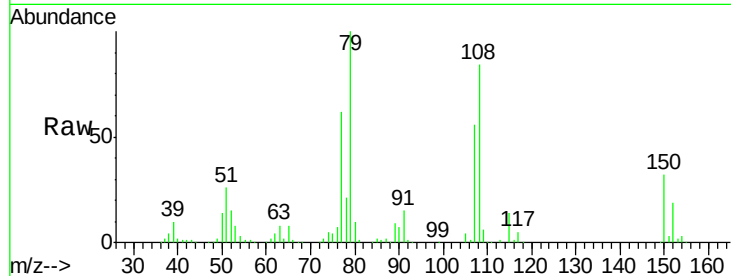




#15
Benzyl Alcohol
Concen: 39.198 ng
RT: 7.10 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF106624.D
Acq: 20 Jun 2018 17:23

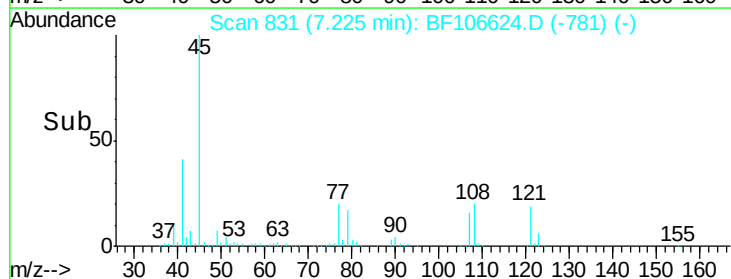
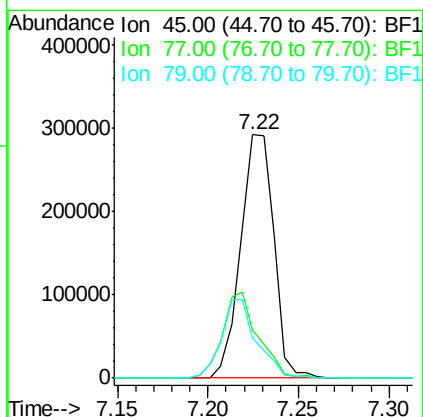
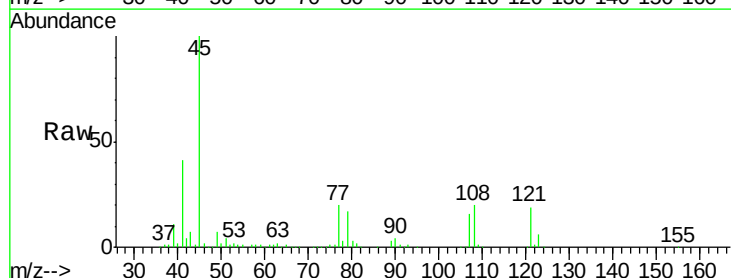
Instrument :
BNA_F
ClientSampleId :
PB110384BSD

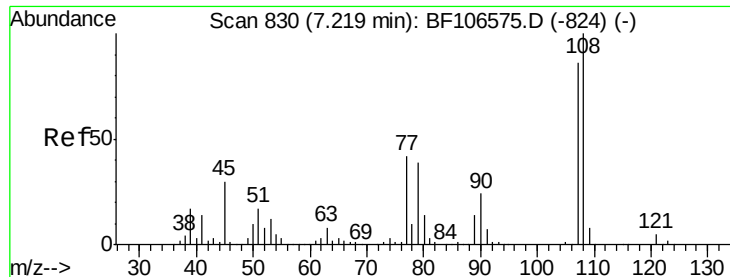
Tgt Ion: 79 Resp: 220169
Ion Ratio Lower Upper
79 100
108 83.9 65.1 97.7
77 62.0 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.000 ng
RT: 7.22 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF106624.D
Acq: 20 Jun 2018 17:23

Tgt Ion: 45 Resp: 371818
Ion Ratio Lower Upper
45 100
77 19.8 0.0 32.9
79 16.5 0.0 29.6

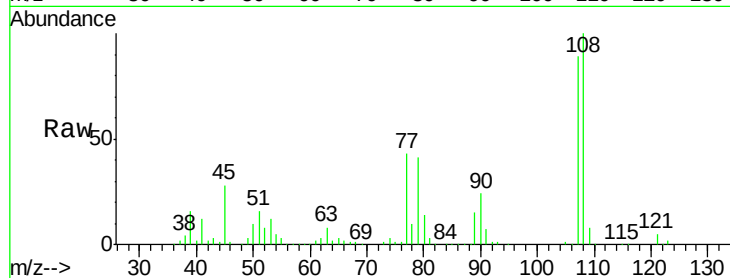




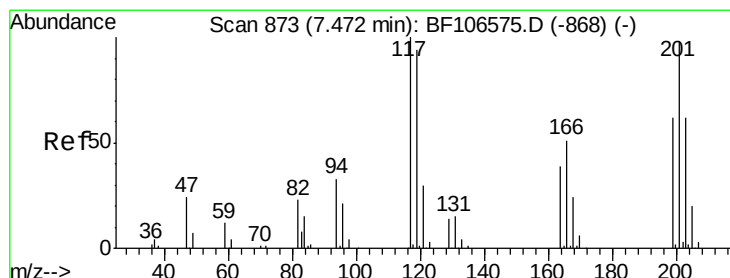
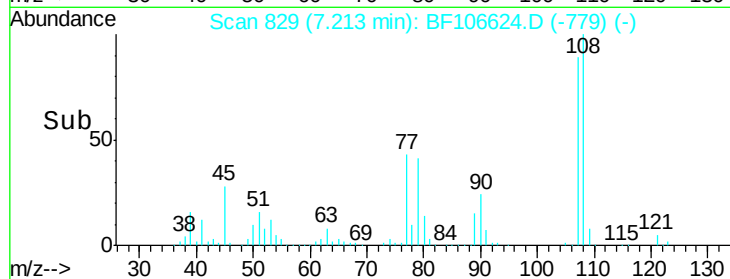
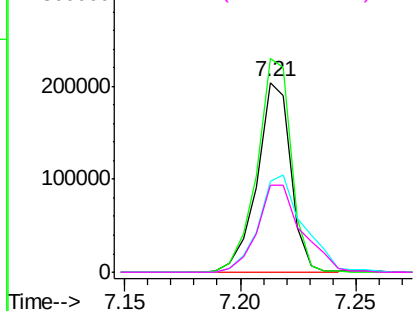
#17
2-Methylphenol
Concen: 39.549 ng
RT: 7.21 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF106624.D
Acq: 20 Jun 2018 17:23

Instrument :
BNA_F
ClientSampleId :
PB110384BSD

Tgt Ion:	107	Resp:	207935
Ion	Ratio	Lower	Upper
107	100		
108	112.7	91.7	137.5
77	48.0	33.8	50.8
79	46.2	33.8	50.8

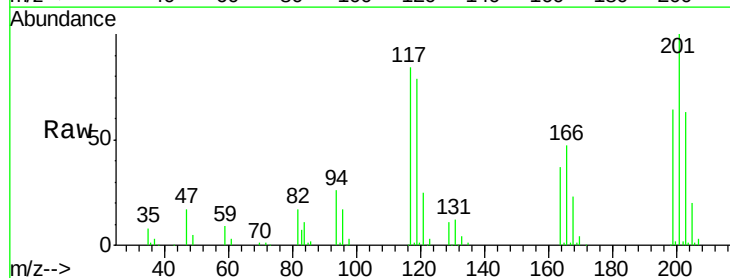


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

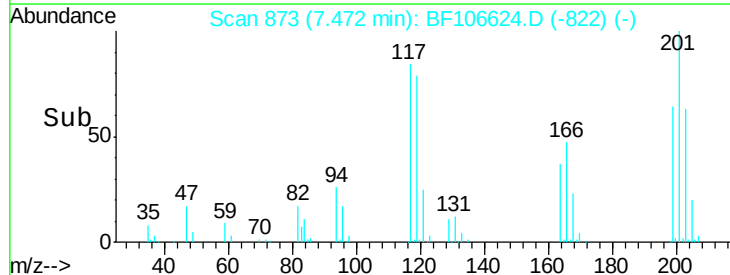
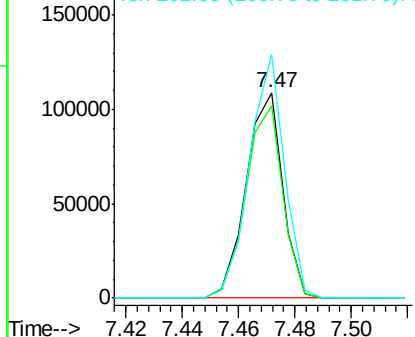


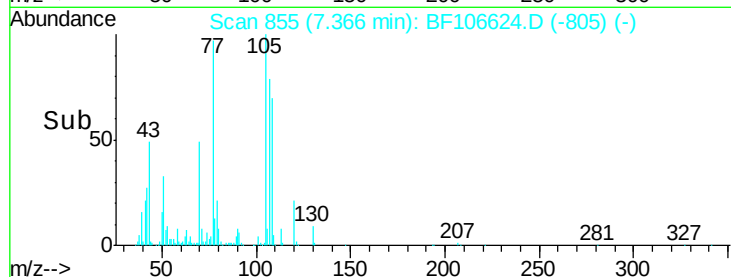
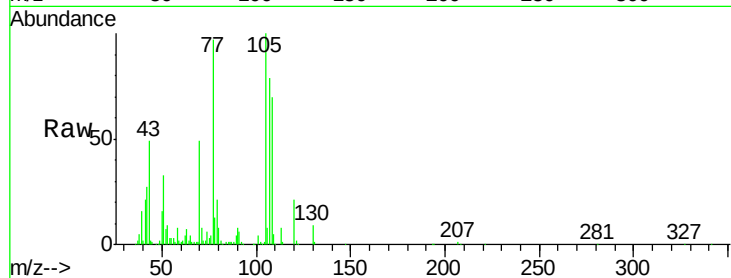
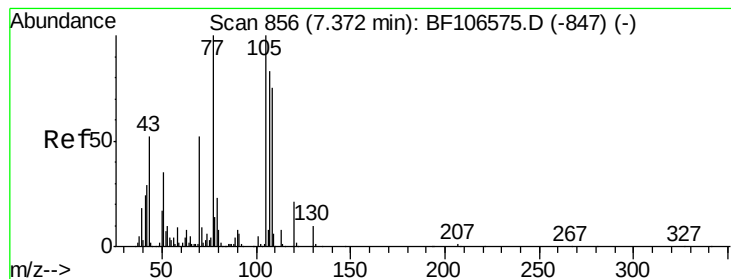
#18
Hexachloroethane
Concen: 38.118 ng
RT: 7.47 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF106624.D
Acq: 20 Jun 2018 17:23

Tgt Ion:	117	Resp:	97515
Ion	Ratio	Lower	Upper
117	100		
119	93.8	75.8	113.8
201	118.6	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: 35.906 ng

RT: 7.37 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF106624.D

Acq: 20 Jun 2018 17:23

Instrument :

BNA_F

ClientSampleId :

PB110384BSD

Tgt Ion: 70 Resp: 165560

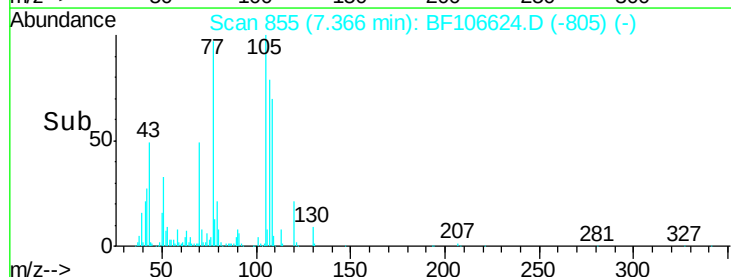
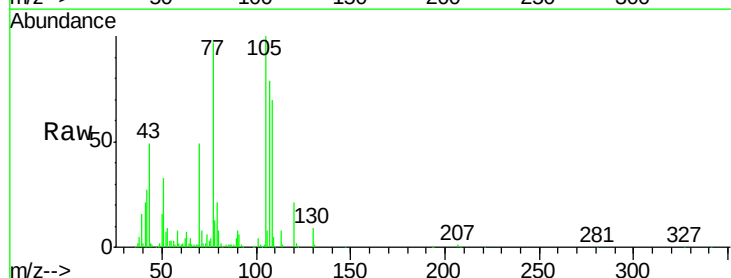
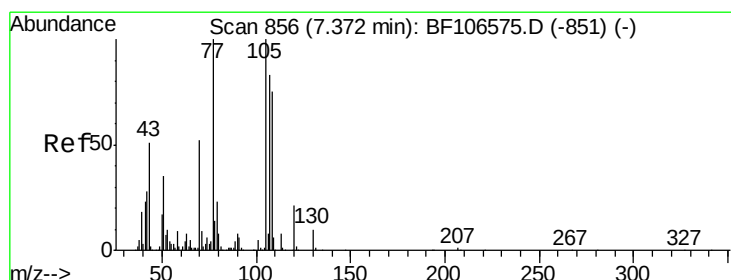
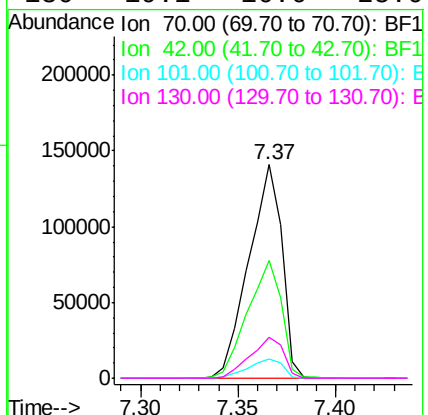
Ion Ratio Lower Upper

70 100

42 55.3 47.5 71.3

101 9.1 7.4 11.2

130 19.1 16.6 25.0



#20

3+4-Methylphenols

Concen: 43.463 ng

RT: 7.37 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF106624.D

Acq: 20 Jun 2018 17:23

Tgt Ion: 107 Resp: 249061

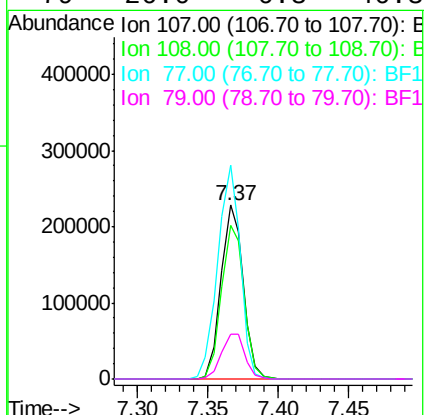
Ion Ratio Lower Upper

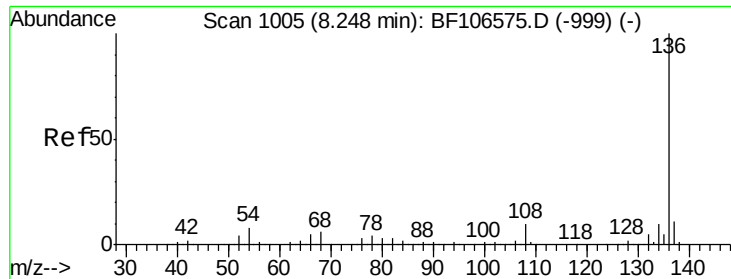
107 100

108 88.2 68.2 108.2

77 122.8 26.7 66.7#

79 26.0 6.3 46.3

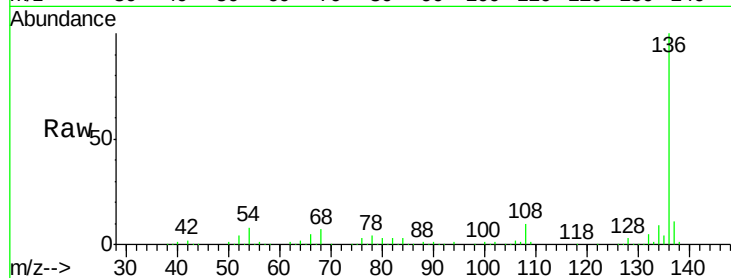




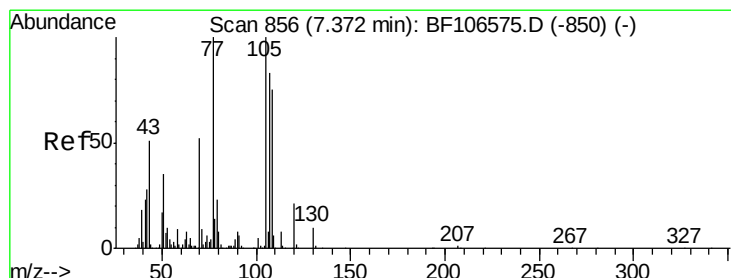
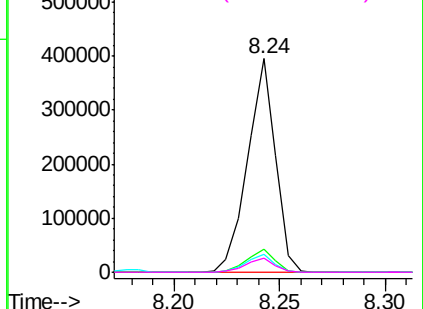
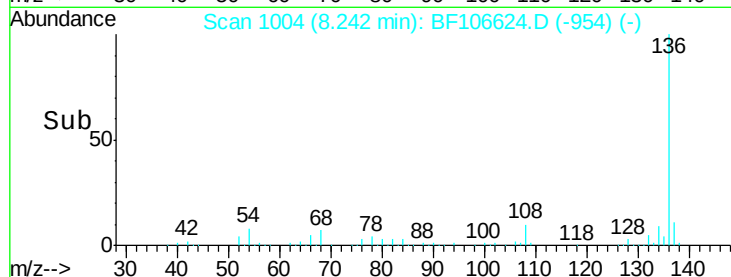
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106624.D
Acq: 20 Jun 2018 17:23

Instrument :
BNA_F
ClientSampleId :
PB110384BSD

Tgt Ion:	136	Resp:	360846
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.9	13.3
54	8.2	6.6	9.8
68	6.7	5.0	7.4

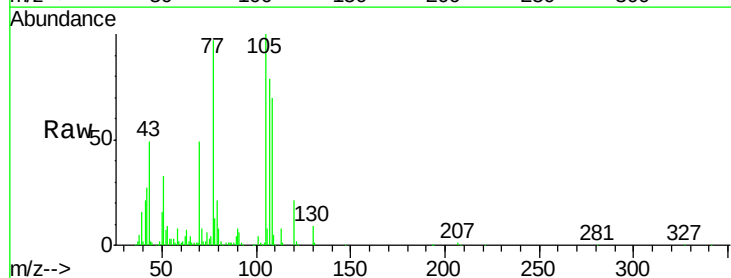


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

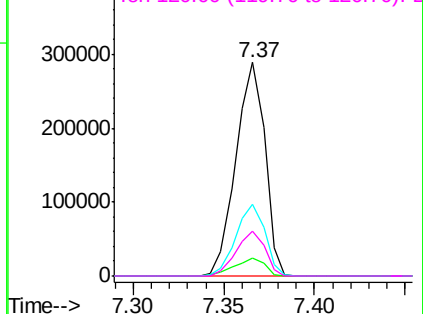
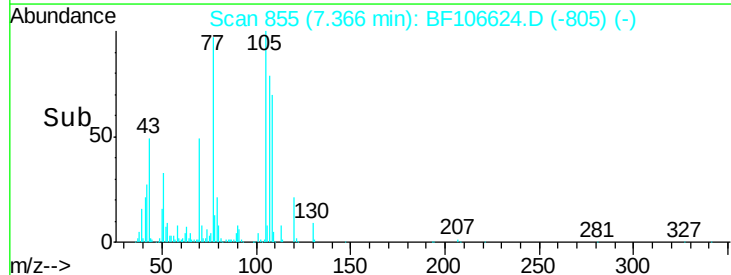


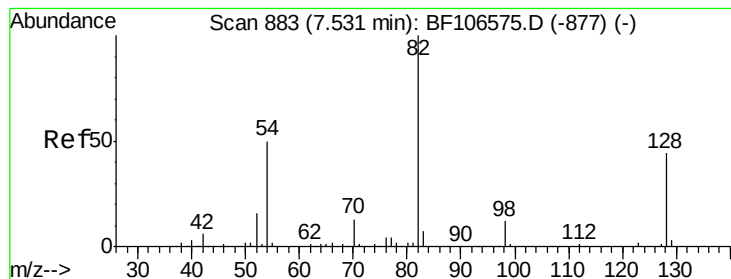
#22
Acetophenone
Concen: 39.970 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF106624.D
Acq: 20 Jun 2018 17:23

Tgt Ion:	105	Resp:	322681
Ion Ratio	Lower	Upper	
105	100		
71	8.1	4.4	6.6#
51	33.4	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: 79.544 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF106624.D

Acq: 20 Jun 2018 17:23

Instrument :

BNA_F

ClientSampleId :

PB110384BSD

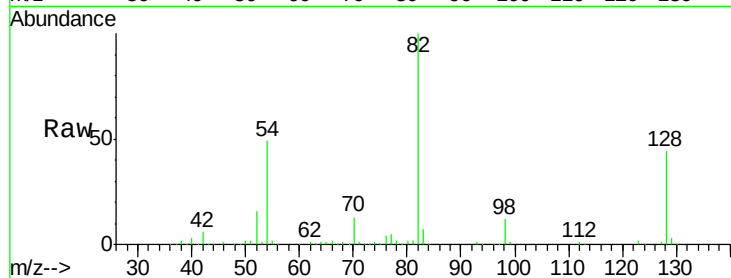
Tgt Ion: 82 Resp: 516492

Ion Ratio Lower Upper

82 100

128 44.1 36.1 54.1

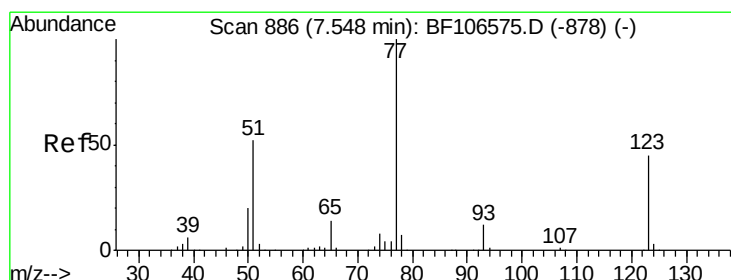
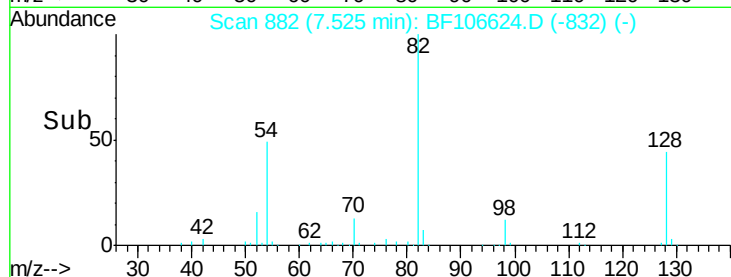
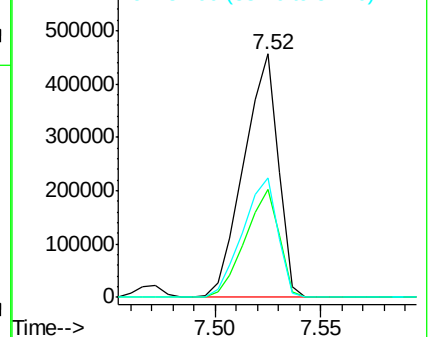
54 49.2 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 40.371 ng

RT: 7.54 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF106624.D

Acq: 20 Jun 2018 17:23

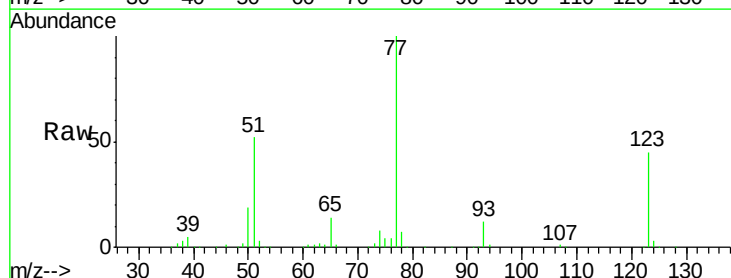
Tgt Ion: 77 Resp: 267625

Ion Ratio Lower Upper

77 100

123 45.1 37.9 56.9

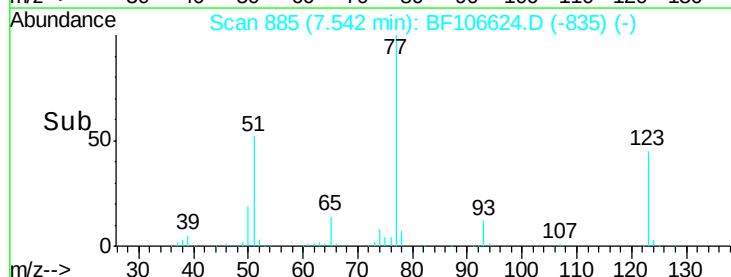
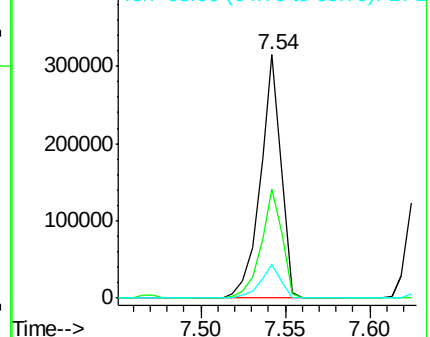
65 14.0 11.0 16.4

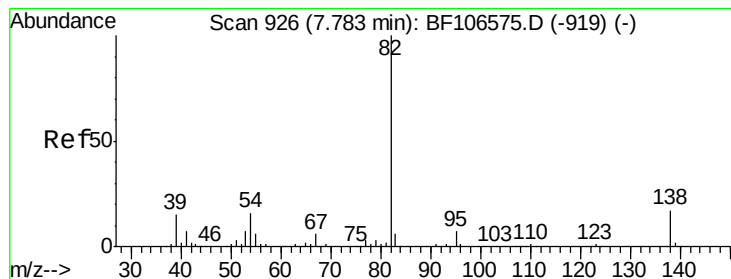


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 43.684 ng

RT: 7.78 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF106624.D

Acq: 20 Jun 2018 17:23

Instrument :

BNA_F

ClientSampleId :

PB110384BSD

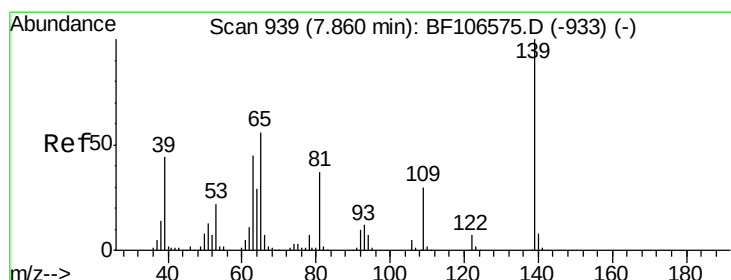
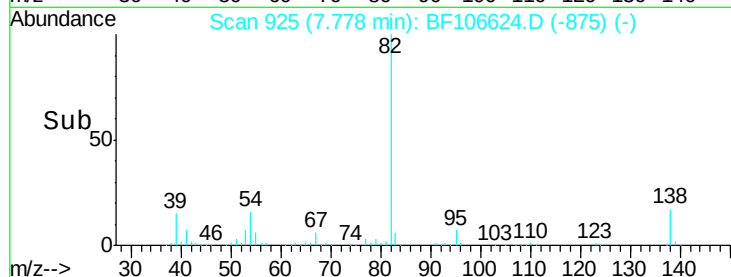
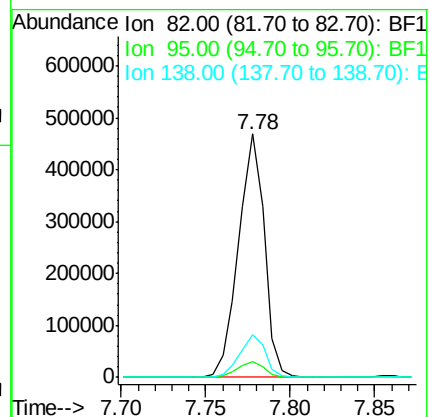
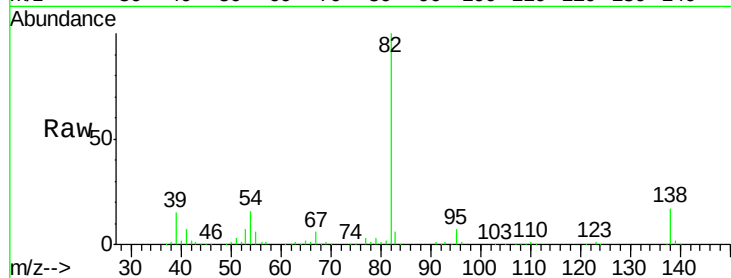
Tgt Ion: 82 Resp: 499830

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

138 17.4 14.9 22.3



#26

2-Nitrophenol

Concen: 43.124 ng

RT: 7.86 min Scan# 939

Delta R.T. 0.00 min

Lab File: BF106624.D

Acq: 20 Jun 2018 17:23

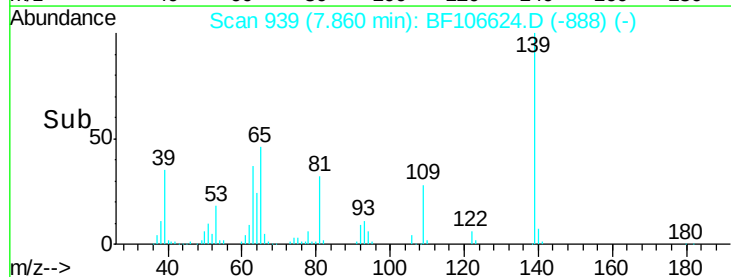
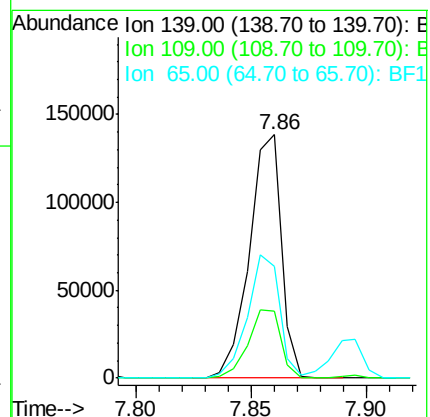
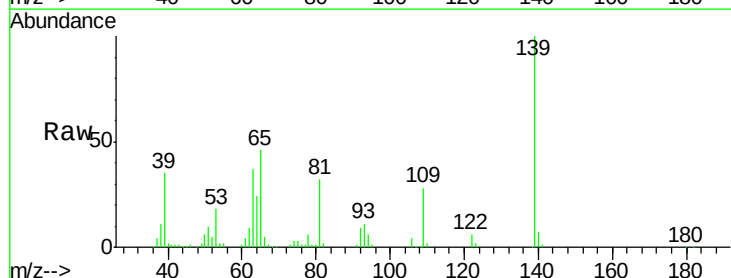
Tgt Ion: 139 Resp: 134953

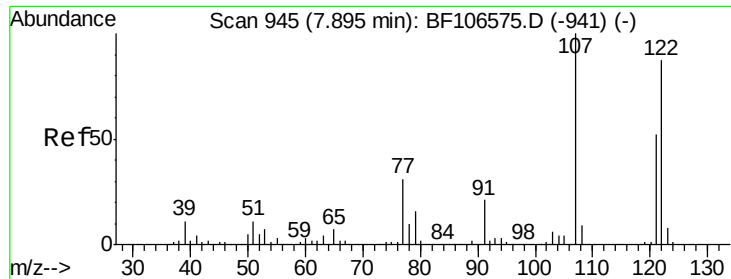
Ion Ratio Lower Upper

139 100

109 27.5 22.7 34.1

65 45.7 40.5 60.7

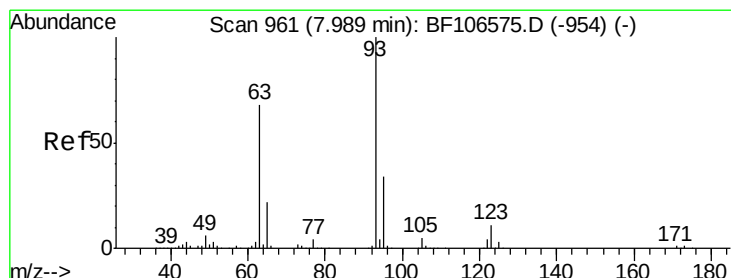
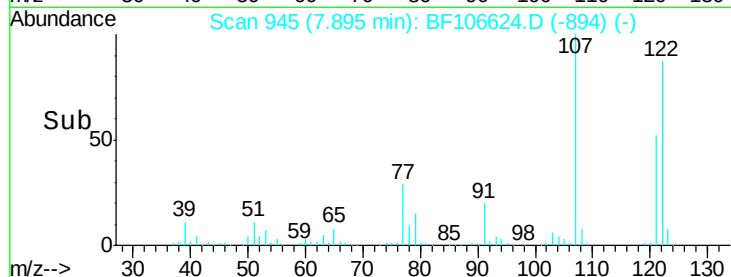
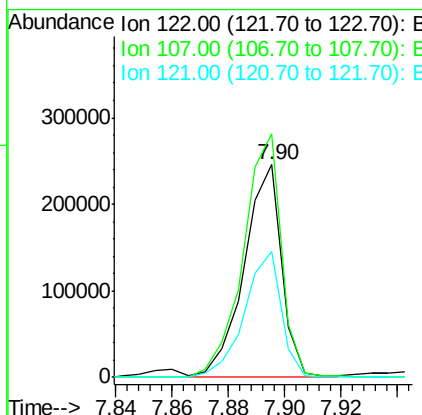
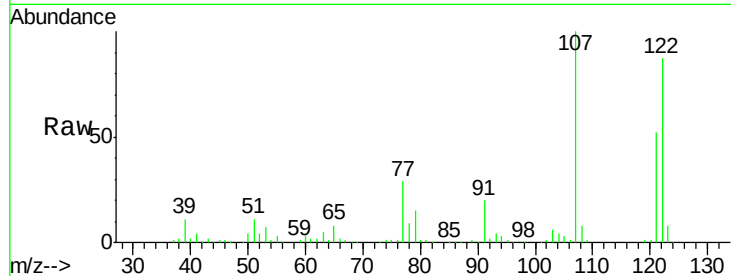




#27
2,4-Dimethylphenol
Concen: 46.828 ng
RT: 7.90 min Scan# 945
Delta R.T. 0.00 min
Lab File: BF106624.D
Acq: 20 Jun 2018 17:23

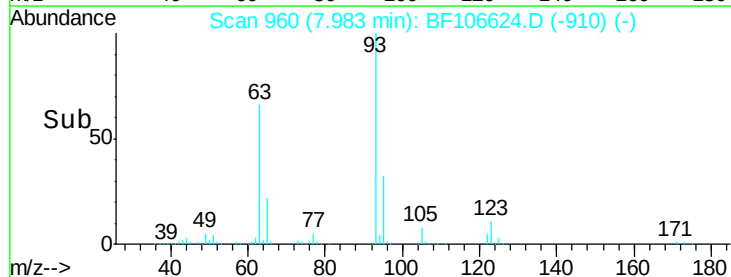
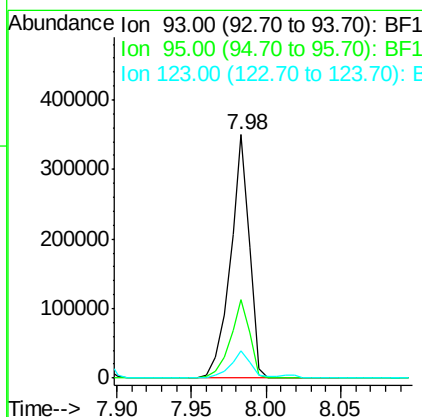
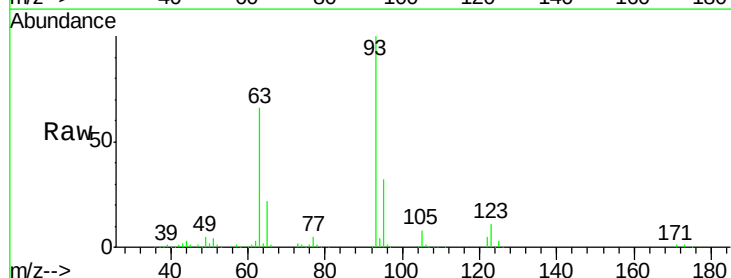
Instrument :
BNA_F
ClientSampleId :
PB110384BSD

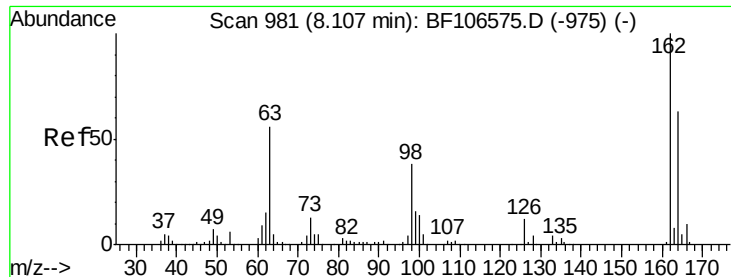
Tgt Ion:122 Resp: 226507
Ion Ratio Lower Upper
122 100
107 114.4 91.2 136.8
121 59.4 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 40.871 ng
RT: 7.98 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF106624.D
Acq: 20 Jun 2018 17:23

Tgt Ion: 93 Resp: 313984
Ion Ratio Lower Upper
93 100
95 32.4 26.3 39.5
123 11.0 9.8 14.6

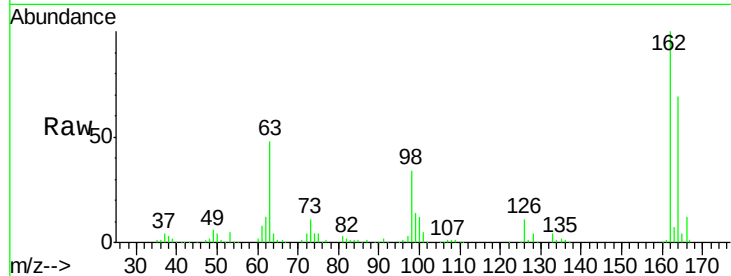




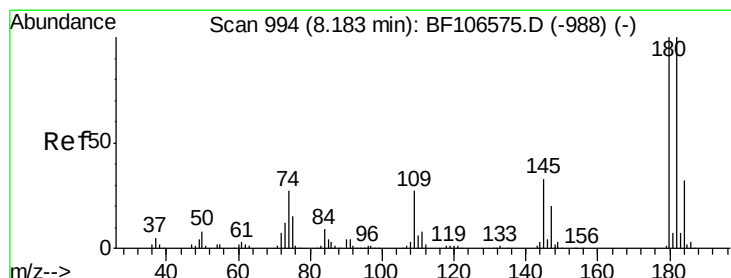
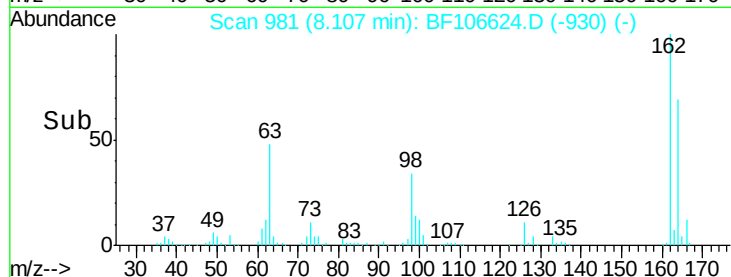
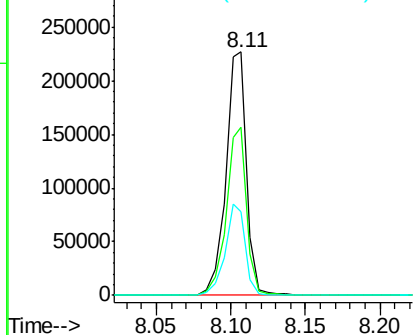
#29
2,4-Dichlorophenol
Concen: 43.870 ng
RT: 8.11 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF106624.D
Acq: 20 Jun 2018 17:23

Instrument :
BNA_F
ClientSampleId :
PB110384BSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	69.1	42.7	82.7
98	34.5	18.1	58.1

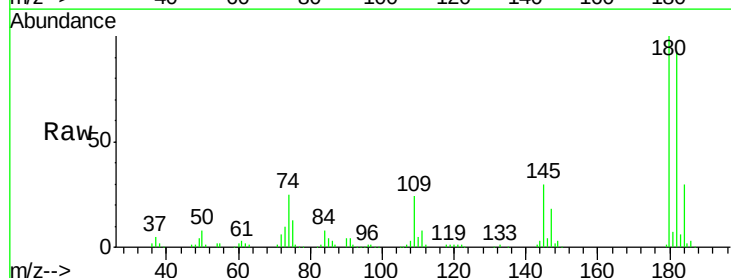


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

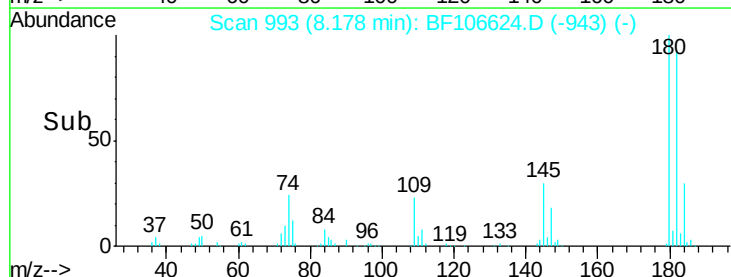
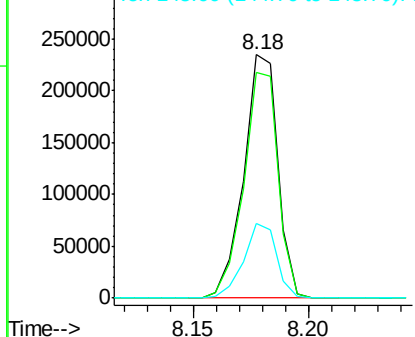


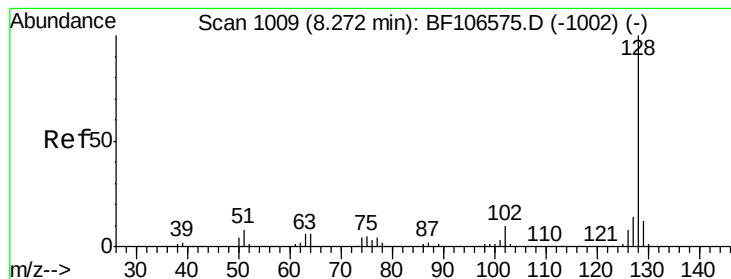
#30
1,2,4-Trichlorobenzene
Concen: 43.524 ng
RT: 8.18 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF106624.D
Acq: 20 Jun 2018 17:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.6	76.8	115.2
145	30.4	26.5	39.7



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.850 ng

RT: 8.27 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF106624.D

Acq: 20 Jun 2018 17:23

Instrument :

BNA_F

ClientSampleId :

PB110384BSD

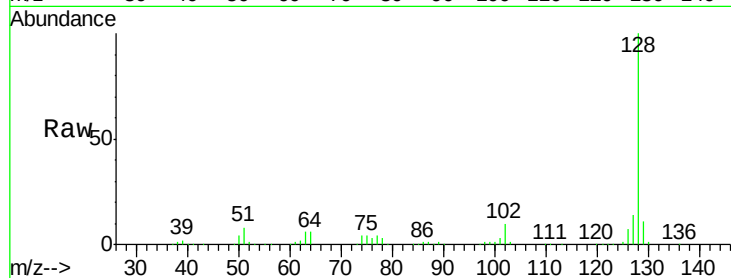
Tgt Ion:128 Resp: 689167

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

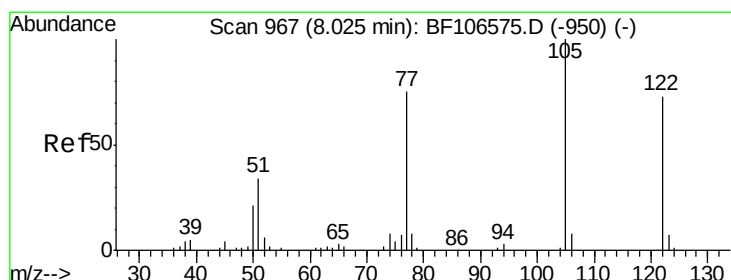
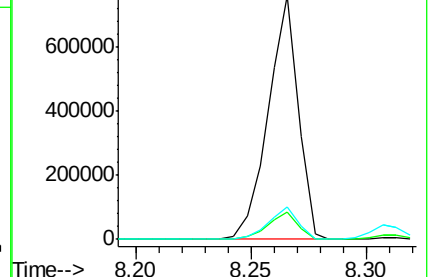
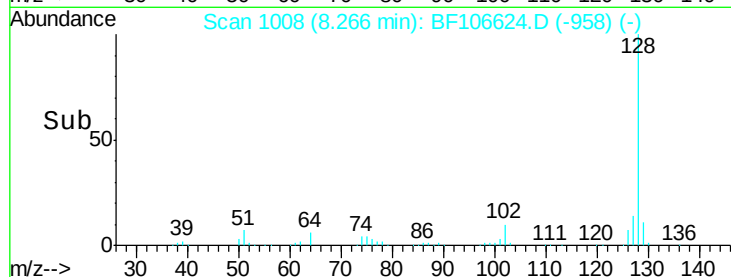
127 13.6 10.9 16.3



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: 38.549 ng

RT: 8.02 min Scan# 966

Delta R.T. -0.01 min

Lab File: BF106624.D

Acq: 20 Jun 2018 17:23

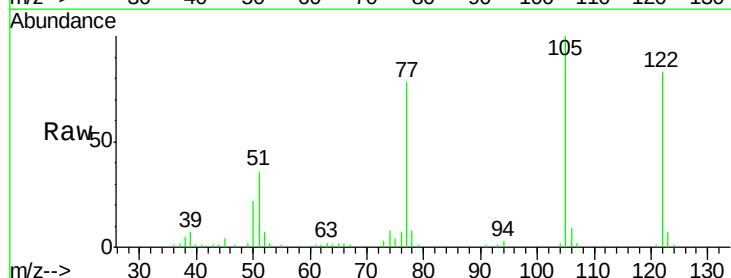
Tgt Ion:122 Resp: 131122

Ion Ratio Lower Upper

122 100

105 120.1 101.1 141.1

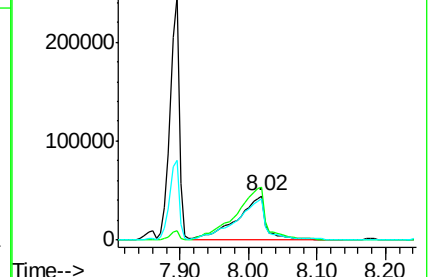
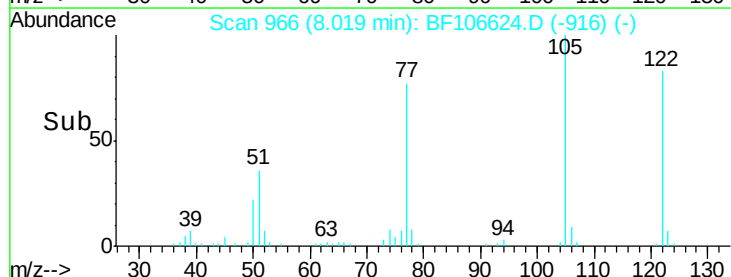
77 93.6 70.7 110.7

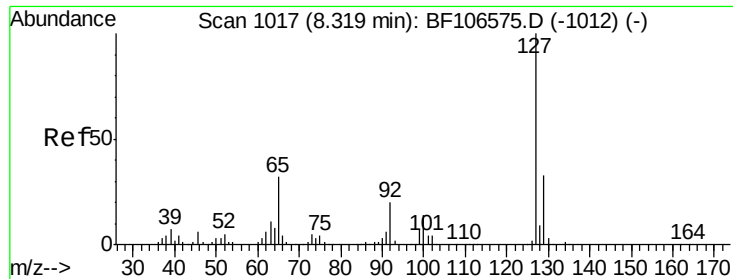


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

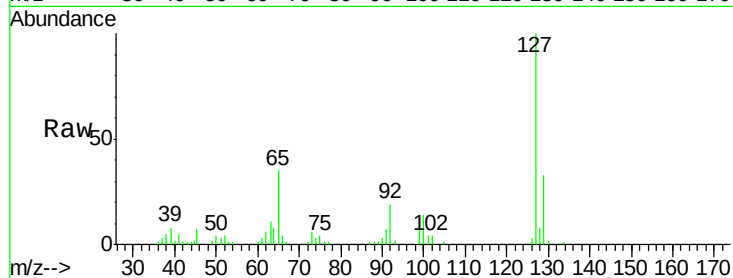




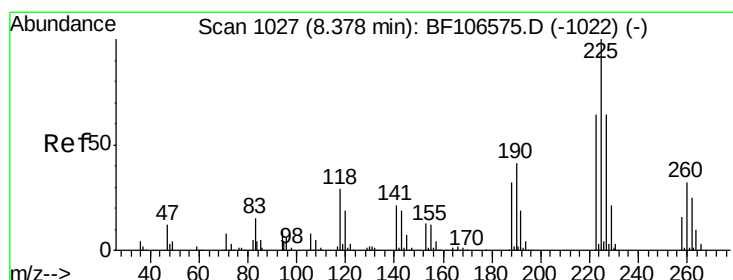
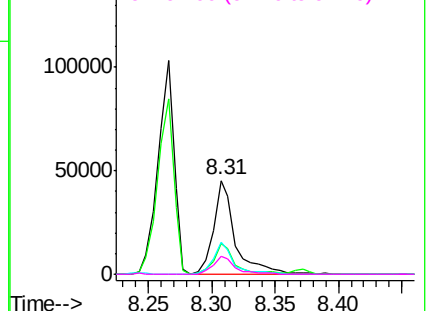
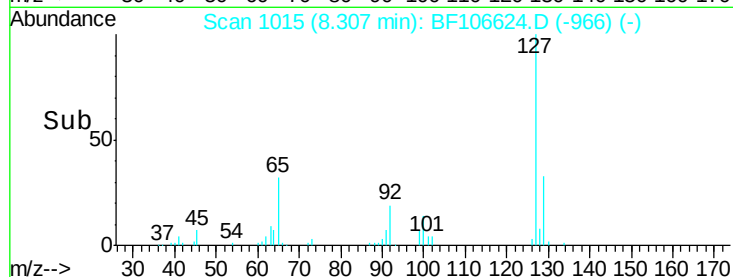
#33
4-Chloroaniline
Concen: 7.743 ng
RT: 8.31 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF106624.D
Acq: 20 Jun 2018 17:23

Instrument :
BNA_F
ClientSampleId :
PB110384BSD

Tgt Ion:	127	Resp:	54811
Ion	Ratio	Lower	Upper
127	100		
129	33.2	25.9	38.9
65	34.6	25.0	37.4
92	18.7	15.2	22.8

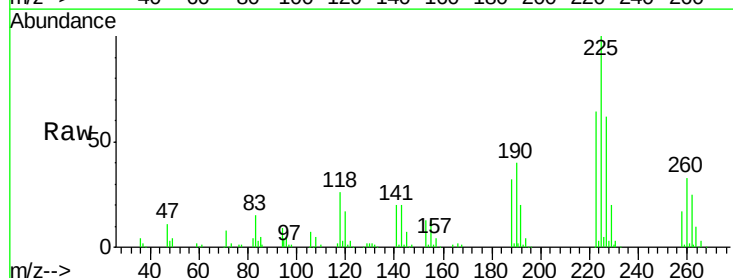


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

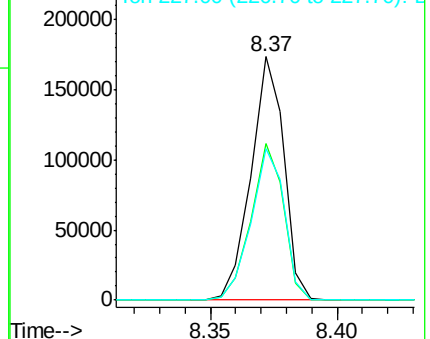
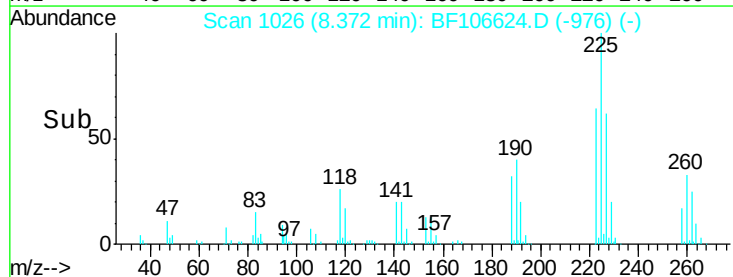


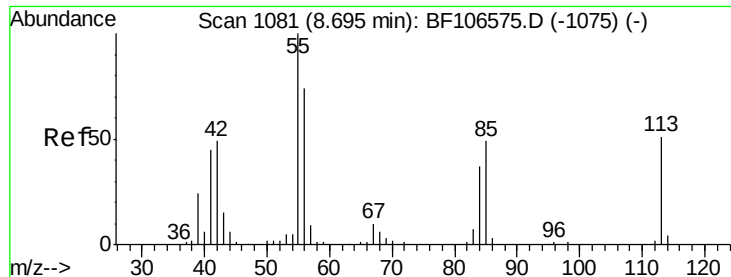
#34
Hexachlorobutadiene
Concen: 43.134 ng
RT: 8.37 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF106624.D
Acq: 20 Jun 2018 17:23

Tgt Ion:	225	Resp:	156794
Ion	Ratio	Lower	Upper
225	100		
223	64.3	50.6	76.0
227	62.4	51.9	77.9



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

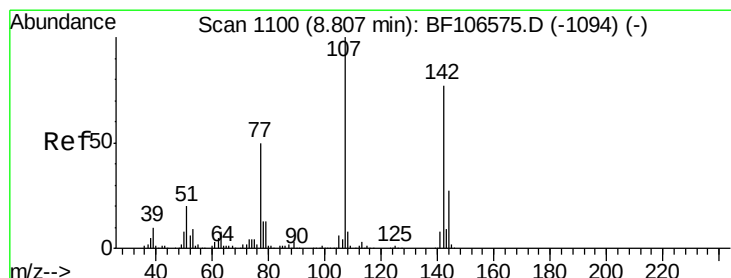
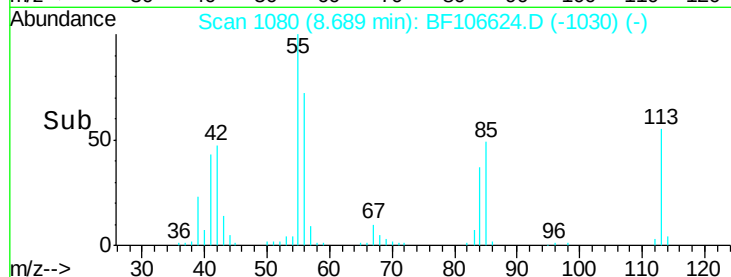
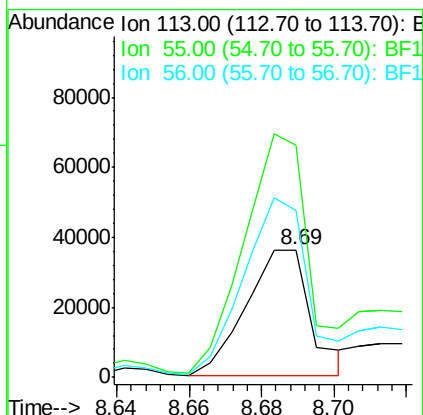
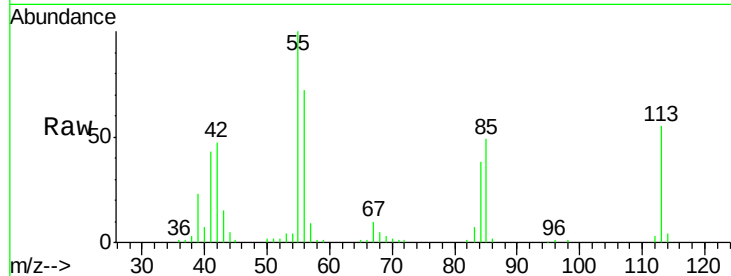




#35
 Caprolactam
 Concen: 26.963 ng
 RT: 8.69 min Scan# 1080
 Delta R.T. -0.01 min
 Lab File: BF106624.D
 Acq: 20 Jun 2018 17:23

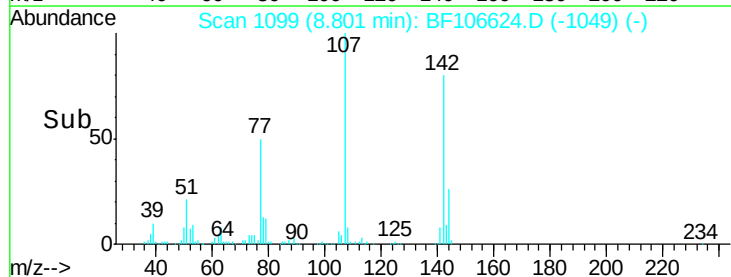
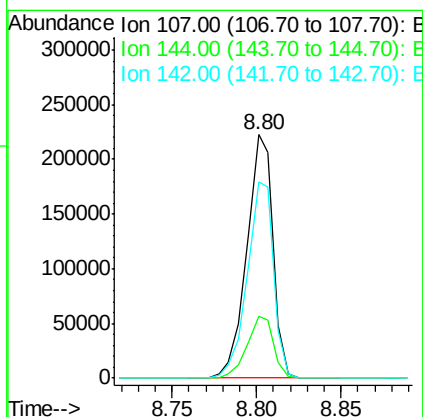
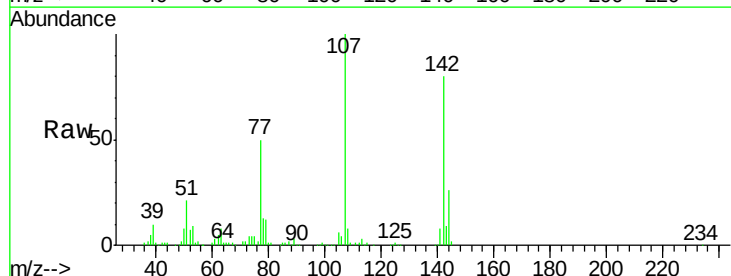
Instrument :
 BNA_F
 ClientSampleId :
 PB110384BSD

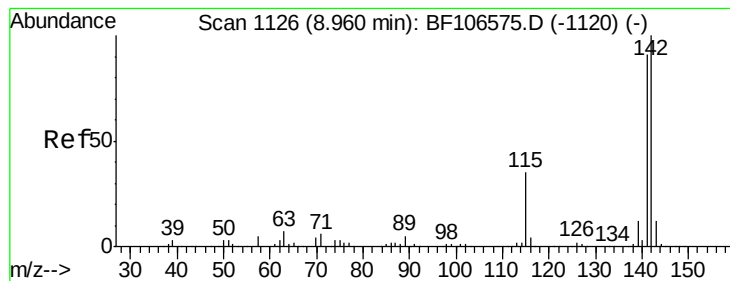
Tgt Ion:113 Resp: 44508
 Ion Ratio Lower Upper
 113 100
 55 182.2 163.3 203.3
 56 131.4 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 45.232 ng
 RT: 8.80 min Scan# 1099
 Delta R.T. -0.01 min
 Lab File: BF106624.D
 Acq: 20 Jun 2018 17:23

Tgt Ion:107 Resp: 241096
 Ion Ratio Lower Upper
 107 100
 144 25.6 20.5 30.7
 142 80.4 62.0 93.0





#37

2-Methylnaphthalene

Concen: 46.271 ng

RT: 8.95 min Scan# 1125

Delta R.T. -0.01 min

Lab File: BF106624.D

Acq: 20 Jun 2018 17:23

Instrument :

BNA_F

ClientSampleId :

PB110384BSD

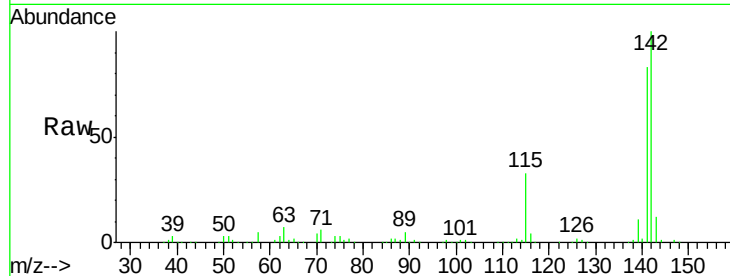
Tgt Ion:142 Resp: 517418

Ion Ratio Lower Upper

142 100

141 83.5 70.8 106.2

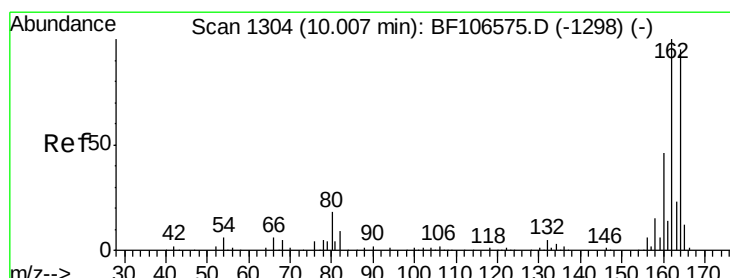
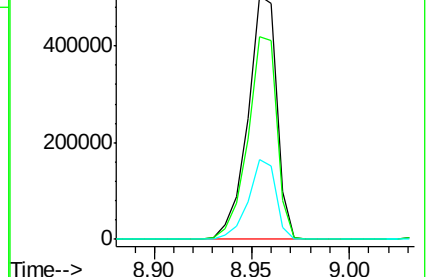
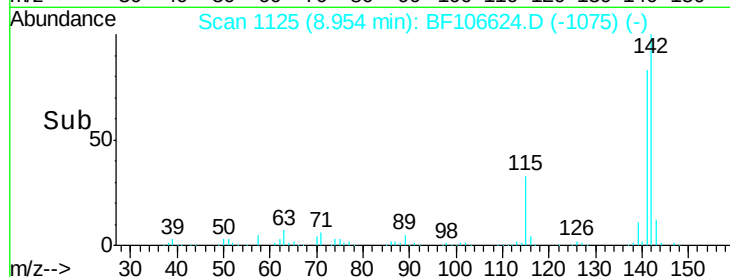
115 32.8 26.1 39.1



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: 10.00 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF106624.D

Acq: 20 Jun 2018 17:23

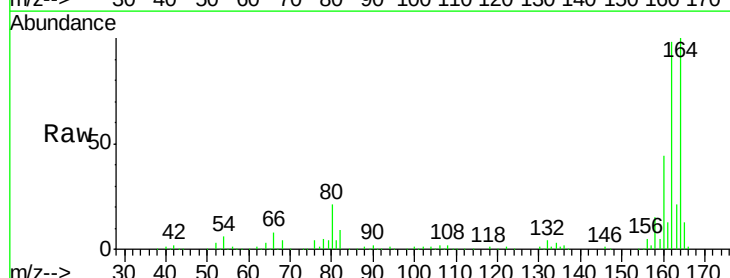
Tgt Ion:164 Resp: 198066

Ion Ratio Lower Upper

164 100

162 97.8 86.1 129.1

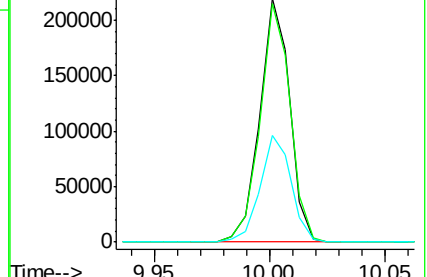
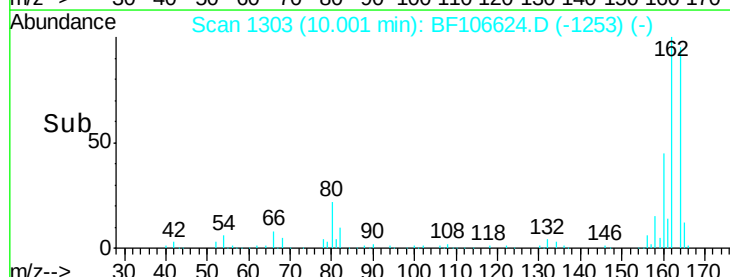
160 43.8 38.3 57.5

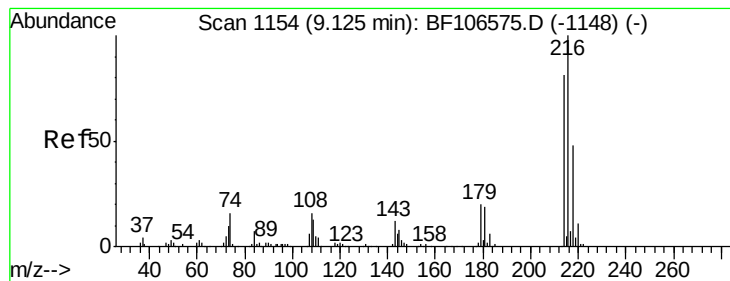


Abundance Ion 164.00 (163.70 to 164.70): E

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: 40.071 ng

RT: 9.12 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF106624.D

Acq: 20 Jun 2018 17:23

Instrument :

BNA_F

ClientSampleId :

PB110384BSD

Tgt Ion:216 Resp: 267280

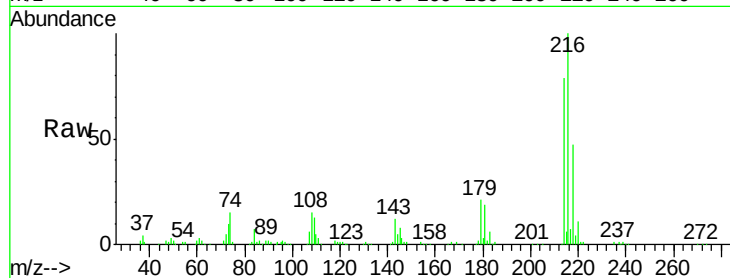
Ion Ratio Lower Upper

216 100

214 78.8 63.0 94.4

179 19.6 18.1 27.1

108 17.6 17.2 25.8

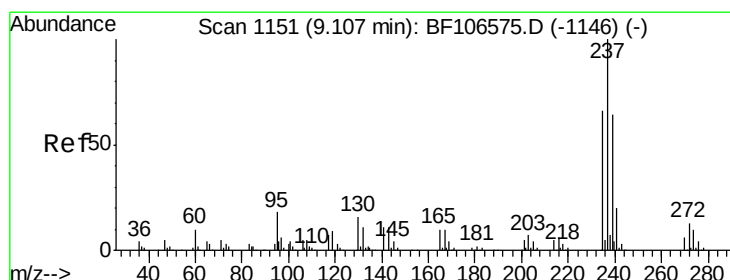
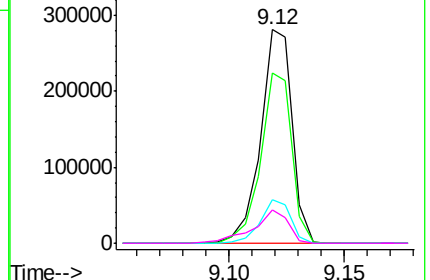
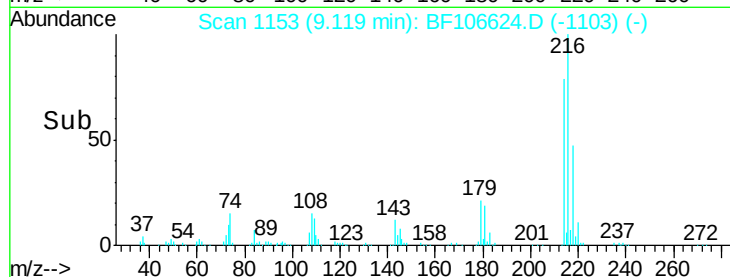


Abundance Ion 216.00 (215.70 to 216.70): E

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: 89.703 ng

RT: 9.11 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF106624.D

Acq: 20 Jun 2018 17:23

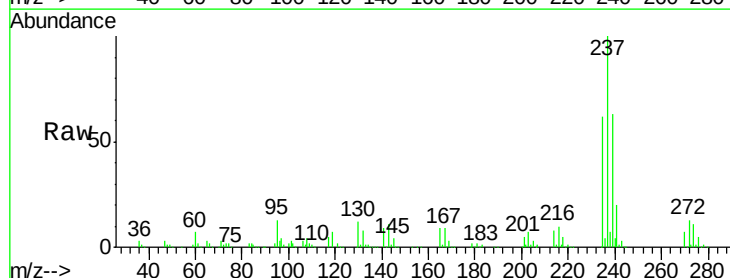
Tgt Ion:237 Resp: 307843

Ion Ratio Lower Upper

237 100

235 61.7 44.8 84.8

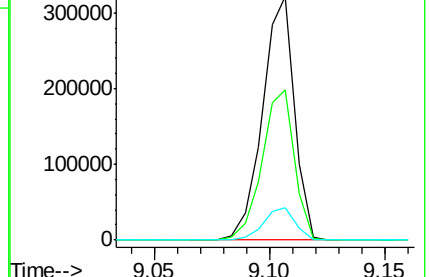
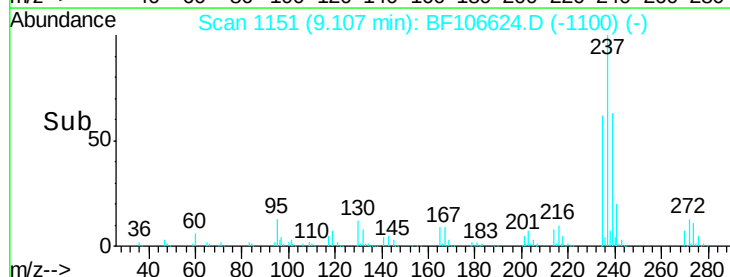
272 13.3 0.0 33.3

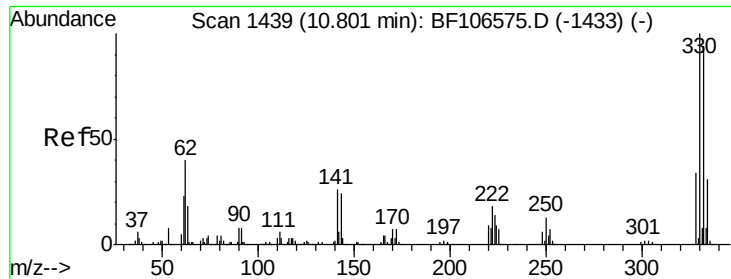


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

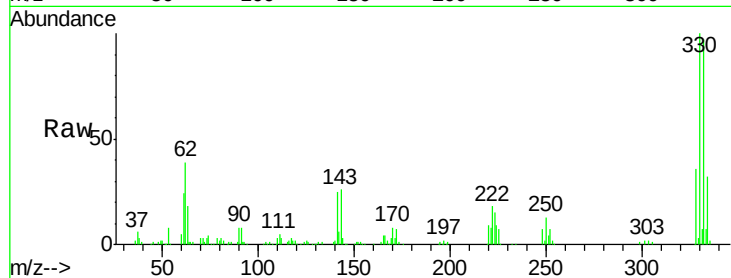




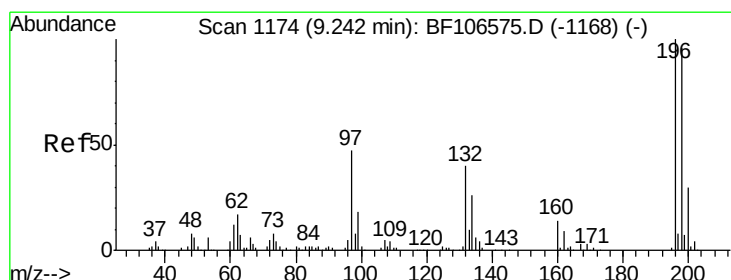
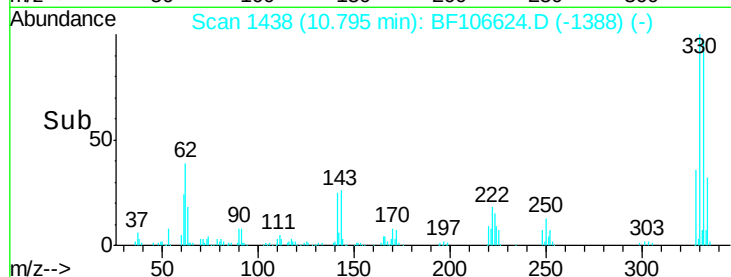
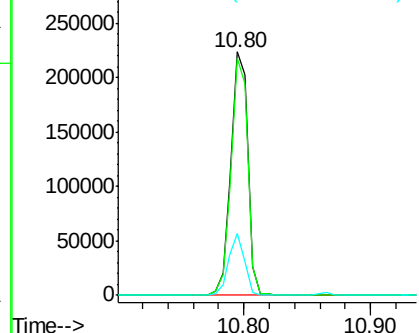
#41
 2,4,6-Tribromophenol
 Concen: 90.258 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106624.D
 Acq: 20 Jun 2018 17:23

Instrument :
 BNA_F
 ClientSampleId :
 PB110384BSD

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	24.0	29.9	44.9

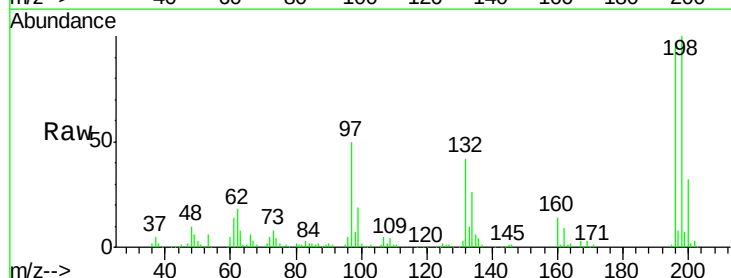


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

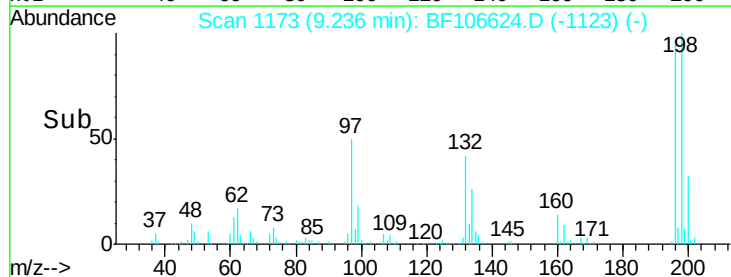
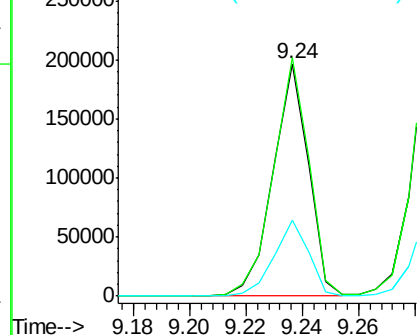


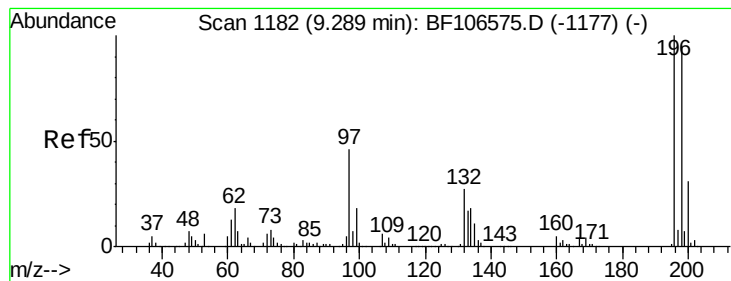
#42
 2,4,6-Trichlorophenol
 Concen: 38.627 ng
 RT: 9.24 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF106624.D
 Acq: 20 Jun 2018 17:23

Tgt Ion	Ratio	Lower	Upper
196	100		
198	102.8	75.7	113.5
200	32.8	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: 39.496 ng

RT: 9.28 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BF106624.D

Acq: 20 Jun 2018 17:23

Instrument :

BNA_F

ClientSampleId :

PB110384BSD

Tgt Ion:196 Resp: 182733

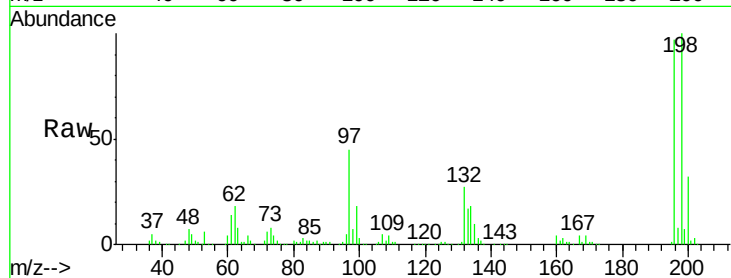
Ion Ratio Lower Upper

196 100

198 103.1 74.6 112.0

97 46.7 42.9 64.3

132 27.7 26.3 39.5

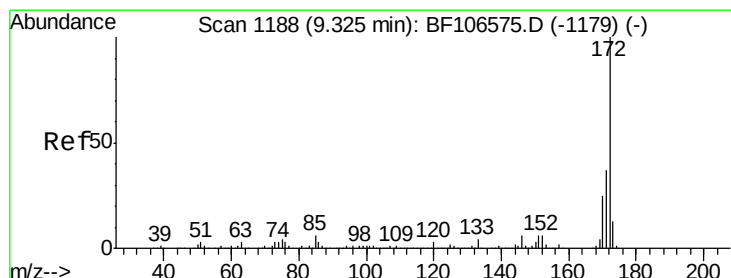
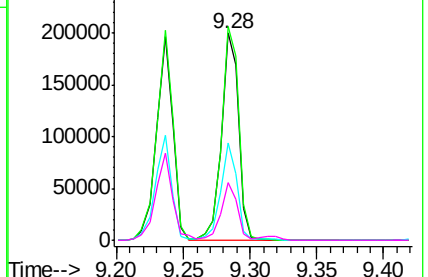
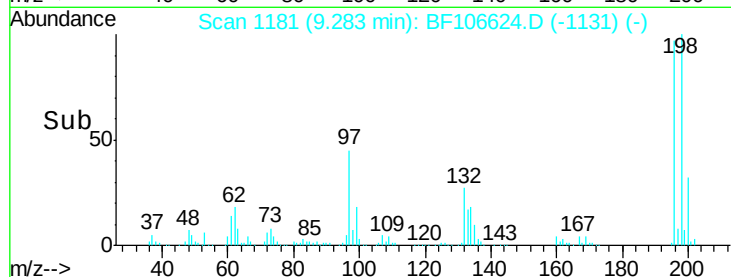


Abundance Ion 196.00 (195.70 to 196.70): E

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: 80.606 ng

RT: 9.32 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BF106624.D

Acq: 20 Jun 2018 17:23

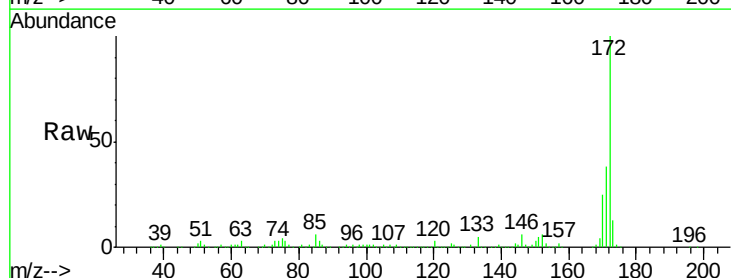
Tgt Ion:172 Resp: 952147

Ion Ratio Lower Upper

172 100

171 37.6 29.7 44.5

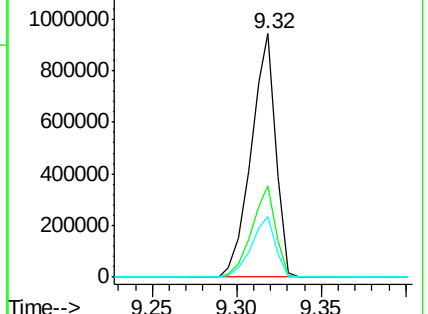
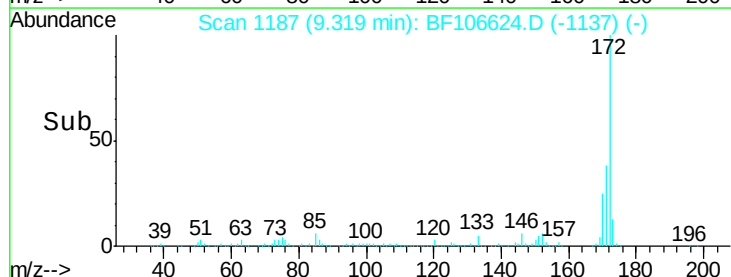
170 25.1 19.6 29.4

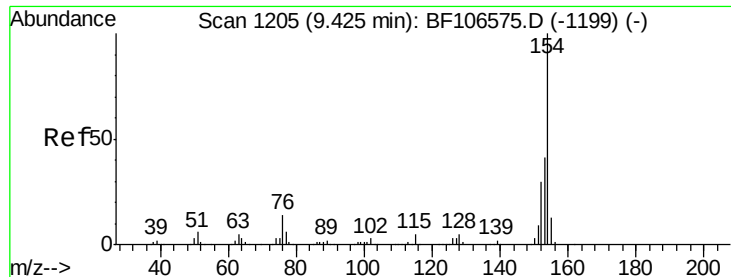


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

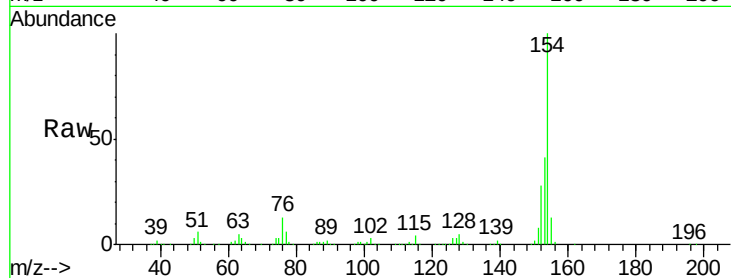




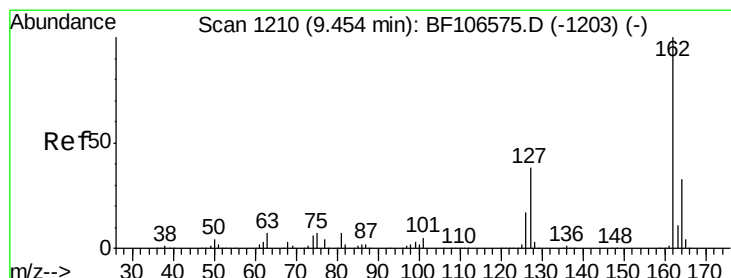
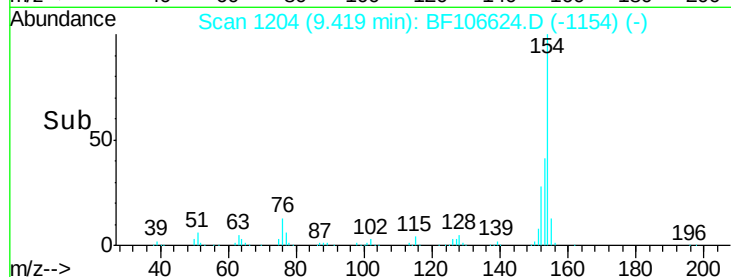
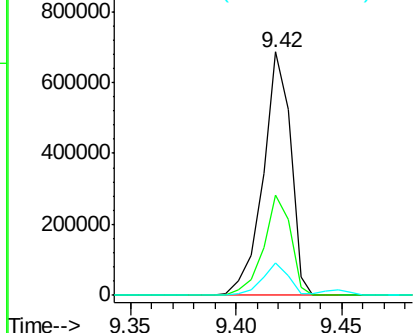
#45
 1,1'-Biphenyl
 Concen: 39.439 ng
 RT: 9.42 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF106624.D
 Acq: 20 Jun 2018 17:23

Instrument :
 BNA_F
 ClientSampleId :
 PB110384BSD

Tgt Ion:154 Resp: 622539
 Ion Ratio Lower Upper
 154 100
 153 41.2 21.3 61.3
 76 13.4 0.0 34.0

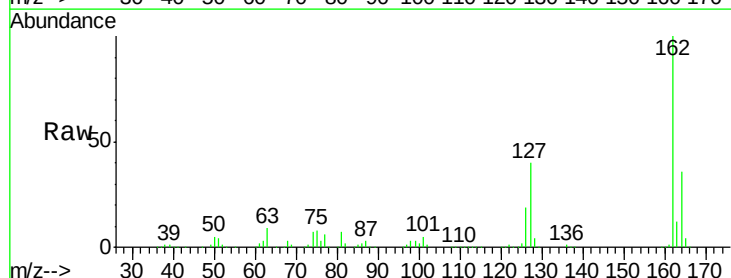


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

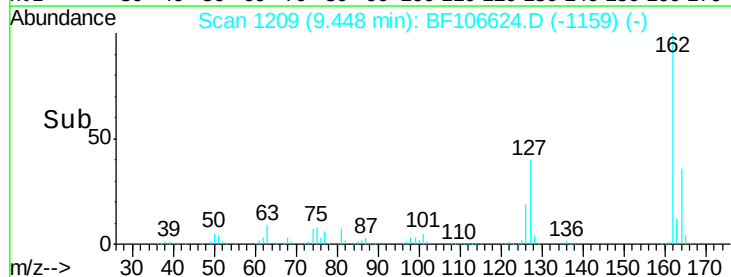
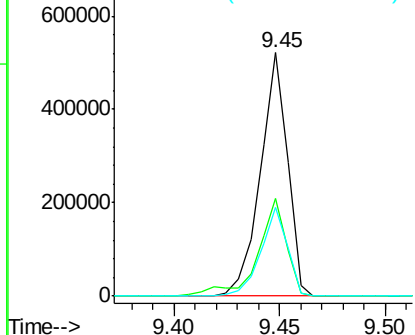


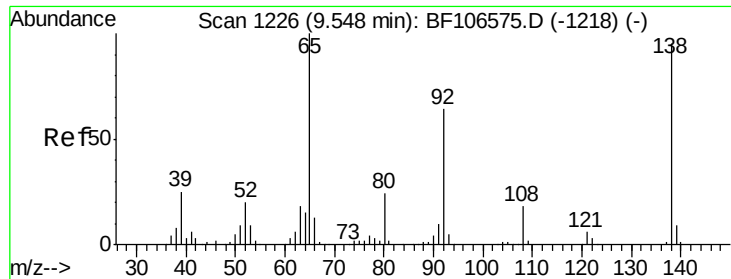
#46
 2-Chloronaphthalene
 Concen: 37.491 ng
 RT: 9.45 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF106624.D
 Acq: 20 Jun 2018 17:23

Tgt Ion:162 Resp: 465828
 Ion Ratio Lower Upper
 162 100
 127 39.9 33.9 50.9
 164 36.2 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

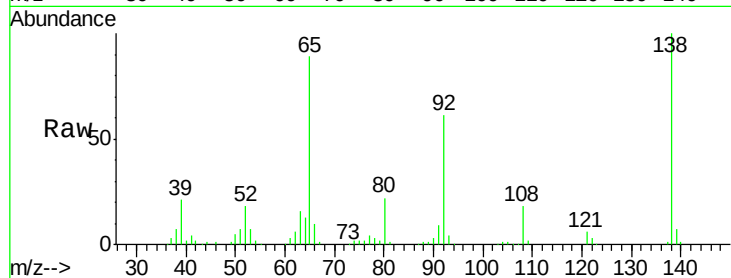




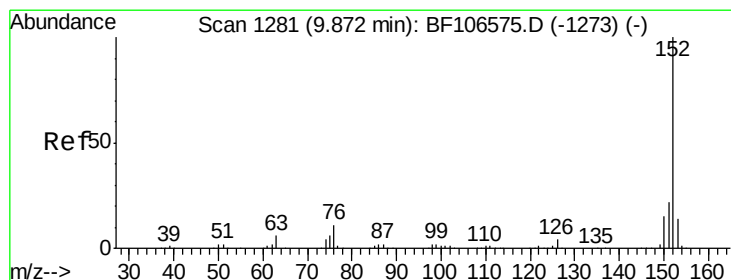
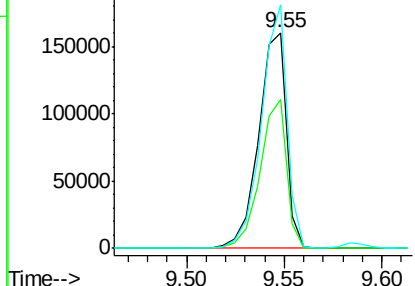
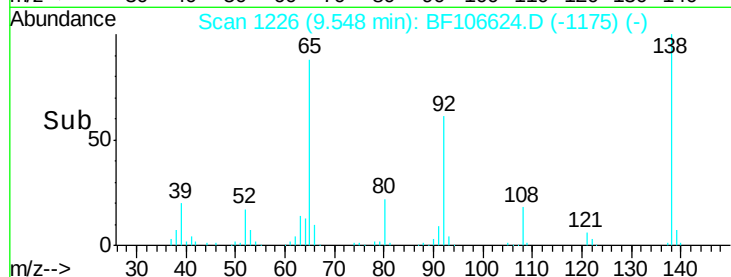
#47
2-Nitroaniline
Concen: 37.786 ng
RT: 9.55 min Scan# 1226
Delta R.T. 0.00 min
Lab File: BF106624.D
Acq: 20 Jun 2018 17:23

Instrument :
BNA_F
ClientSampleId :
PB110384BSD

Tgt Ion: 65 Resp: 157874
Ion Ratio Lower Upper
65 100
92 68.7 55.8 83.6
138 112.8 91.2 136.8

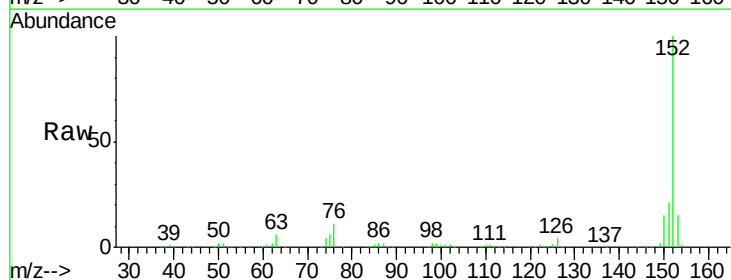


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

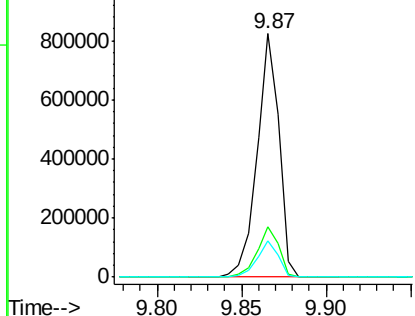
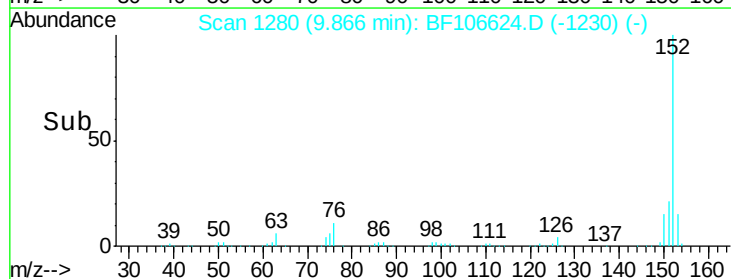


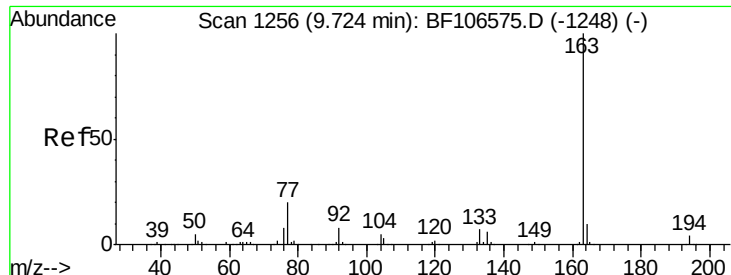
#48
Acenaphthylene
Concen: 37.930 ng
RT: 9.87 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF106624.D
Acq: 20 Jun 2018 17:23

Tgt Ion: 152 Resp: 744064
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5
153 14.7 10.7 16.1



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

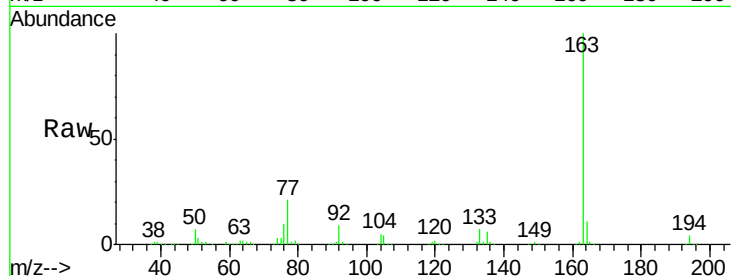




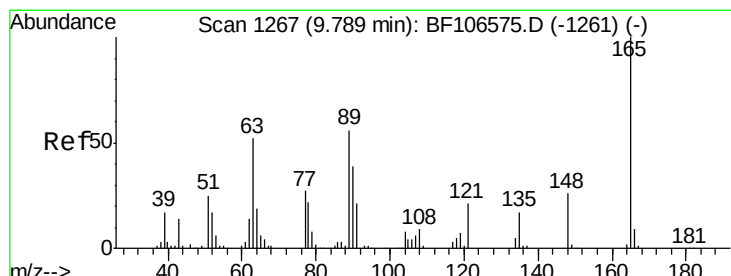
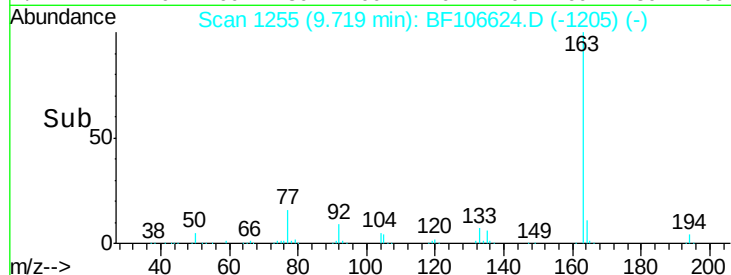
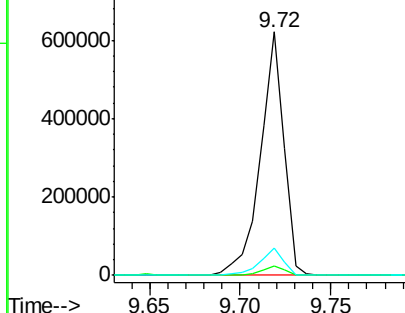
#49
Dimethylphthalate
Concen: 37.734 ng
RT: 9.72 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF106624.D
Acq: 20 Jun 2018 17:23

Instrument :
BNA_F
ClientSampleId :
PB110384BSD

Tgt Ion:163 Resp: 560548
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 11.0 8.2 12.2

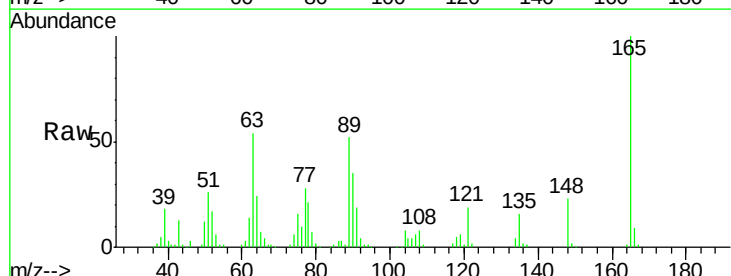


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

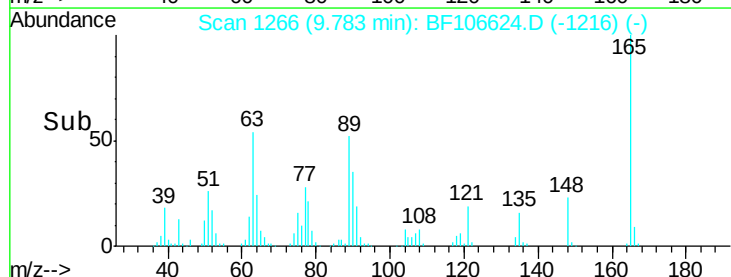
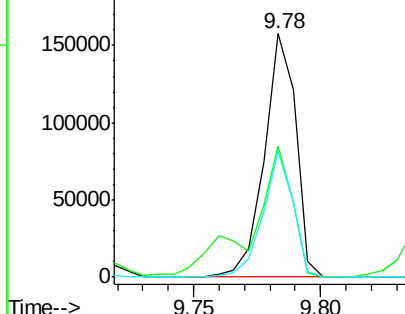


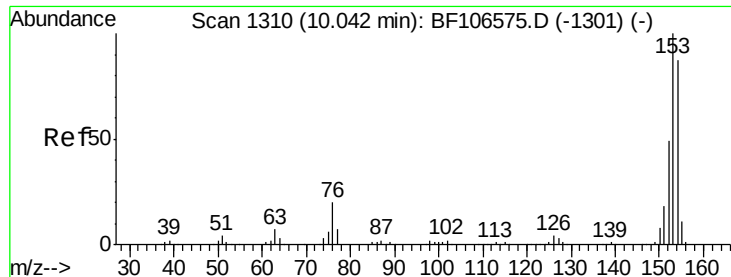
#50
2,6-Dinitrotoluene
Concen: 43.683 ng
RT: 9.78 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BF106624.D
Acq: 20 Jun 2018 17:23

Tgt Ion:165 Resp: 137410
Ion Ratio Lower Upper
165 100
63 53.5 44.7 67.1
89 51.5 44.0 66.0



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





#51

Acenaphthene

Concen: 36.674 ng

RT: 10.04 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF106624.D

Acq: 20 Jun 2018 17:23

Instrument :

BNA_F

ClientSampleId :

PB110384BSD

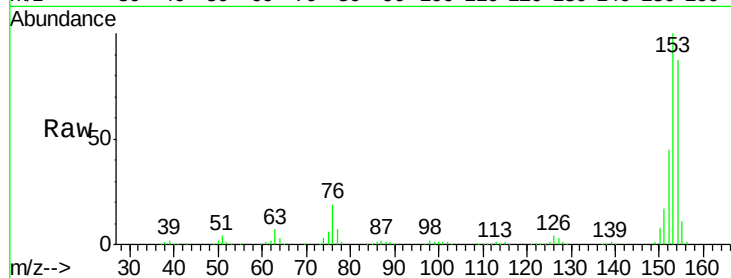
Tgt Ion:154 Resp: 453025

Ion Ratio Lower Upper

154 100

153 114.8 91.2 136.8

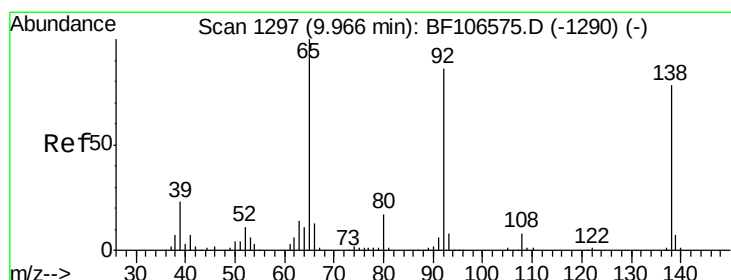
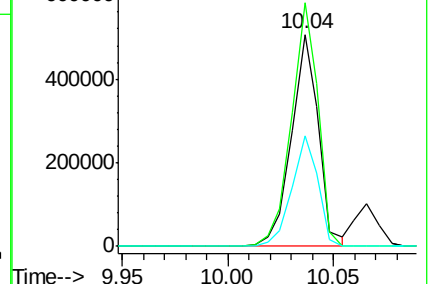
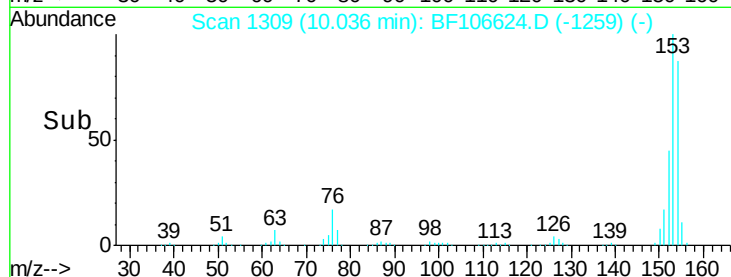
152 52.2 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 14.993 ng

RT: 9.95 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF106624.D

Acq: 20 Jun 2018 17:23

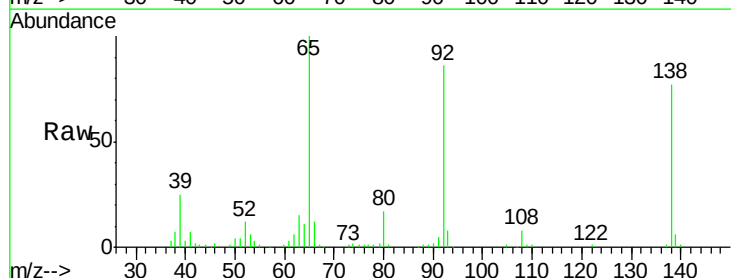
Tgt Ion:138 Resp: 54270

Ion Ratio Lower Upper

138 100

108 10.6 9.4 14.0

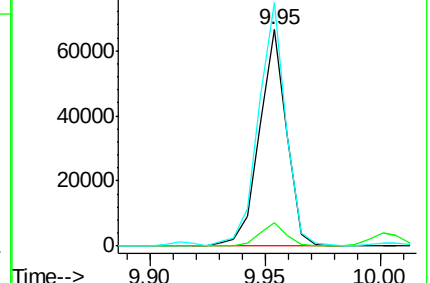
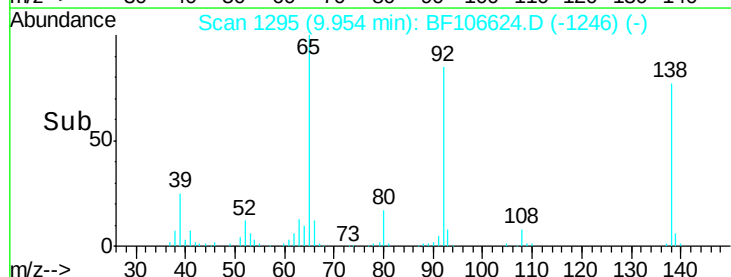
92 112.5 89.4 134.2

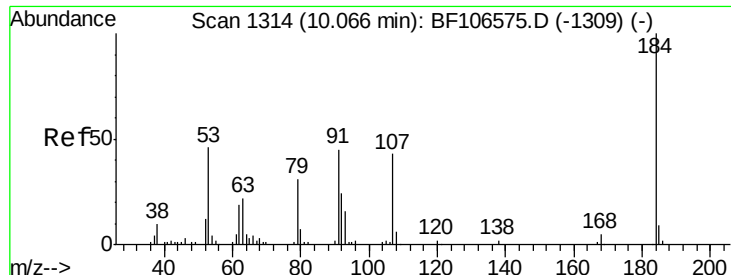


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

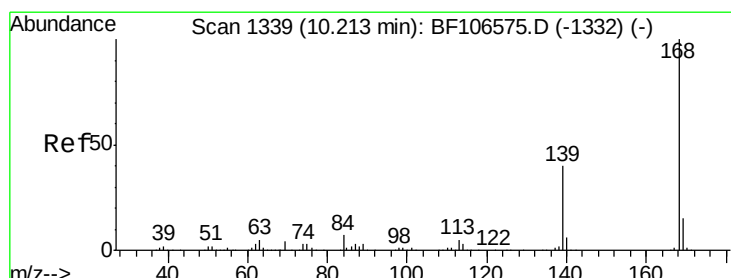
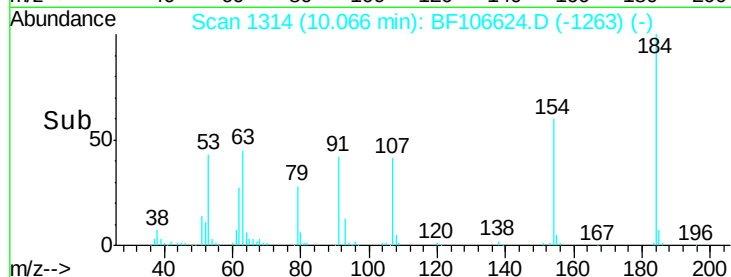
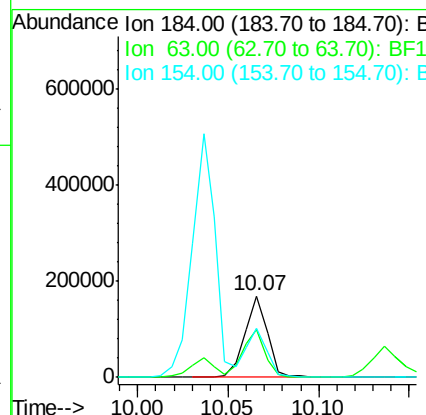
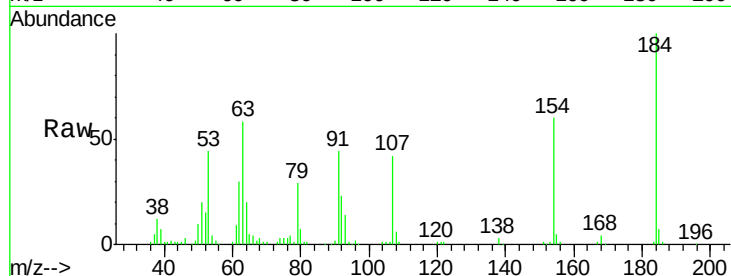




#53
2,4-Dinitrophenol
Concen: 89.721 ng
RT: 10.07 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BF106624.D
Acq: 20 Jun 2018 17:23

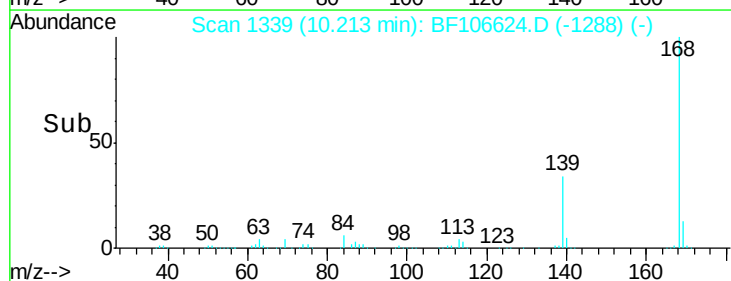
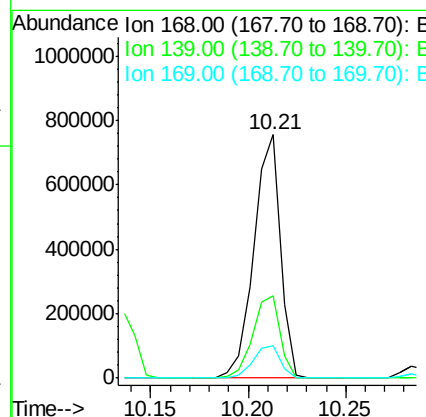
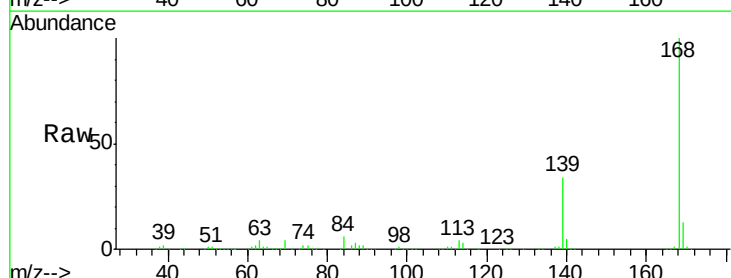
Instrument :
BNA_F
ClientSampleId :
PB110384BSD

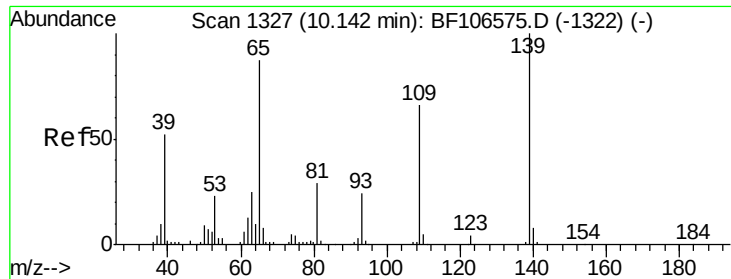
Tgt Ion:184 Resp: 147879
Ion Ratio Lower Upper
184 100
63 58.4 54.2 81.2
154 60.4 184.0 276.0#



#54
Dibenzofuran
Concen: 41.943 ng
RT: 10.21 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF106624.D
Acq: 20 Jun 2018 17:23

Tgt Ion:168 Resp: 709459
Ion Ratio Lower Upper
168 100
139 34.1 30.1 45.1
169 13.5 10.9 16.3

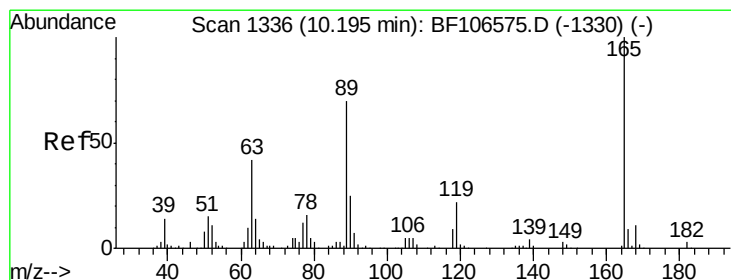
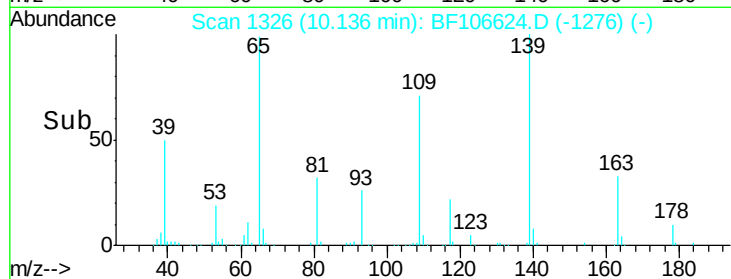
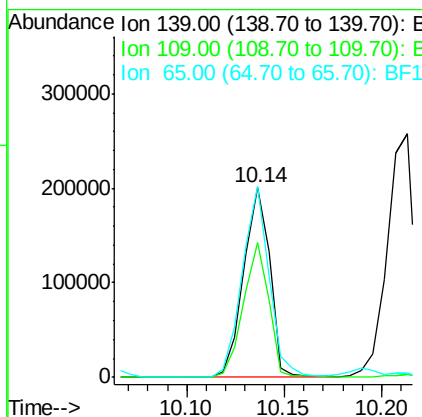
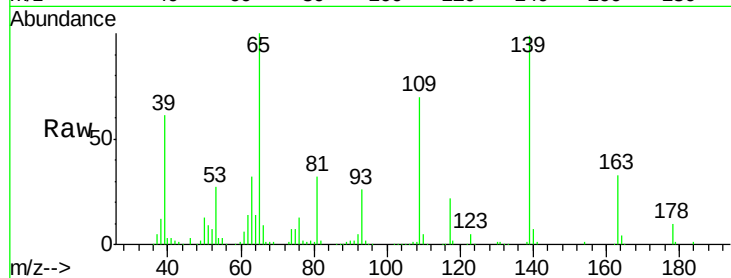




#55
4-Nitrophenol
Concen: 74.559 ng
RT: 10.14 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF106624.D
Acq: 20 Jun 2018 17:23

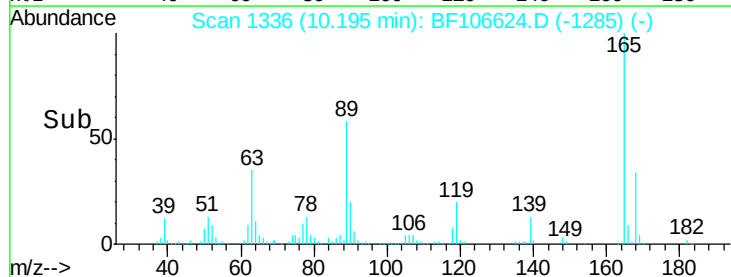
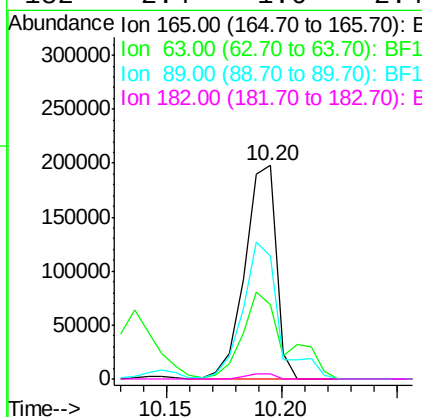
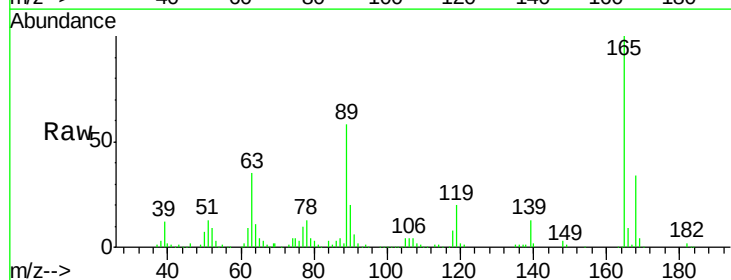
Instrument :
BNA_F
ClientSampleId :
PB110384BSD

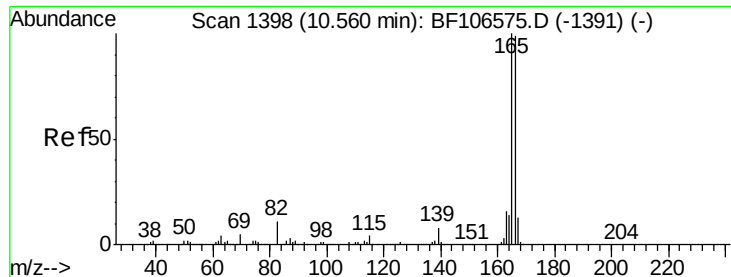
Tgt Ion:139 Resp: 188385
Ion Ratio Lower Upper
139 100
109 70.9 48.4 88.4
65 100.7 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 45.964 ng
RT: 10.20 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF106624.D
Acq: 20 Jun 2018 17:23

Tgt Ion:165 Resp: 188724
Ion Ratio Lower Upper
165 100
63 34.6 36.4 54.6#
89 57.7 57.8 86.6#
182 2.4 1.6 2.4

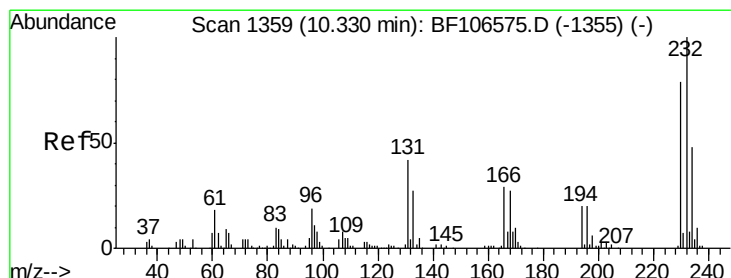
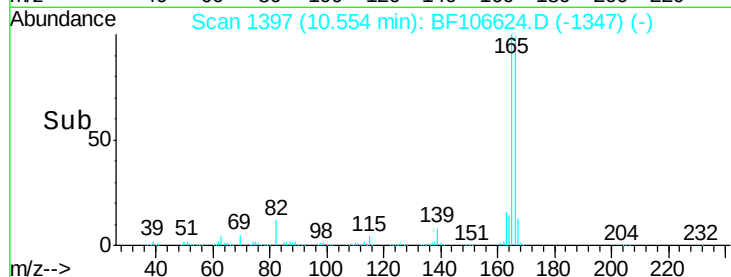
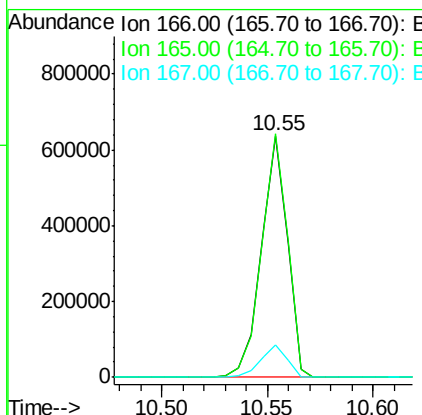
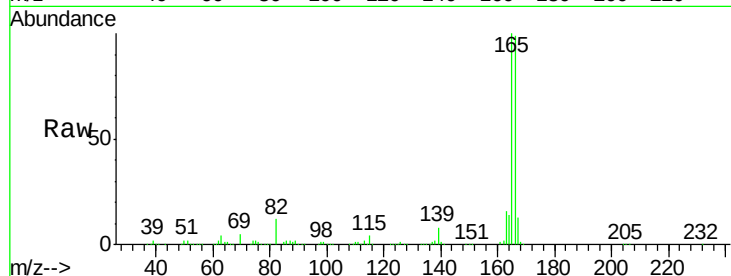




#57
 Fluorene
 Concen: 40.849 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF106624.D
 Acq: 20 Jun 2018 17:23

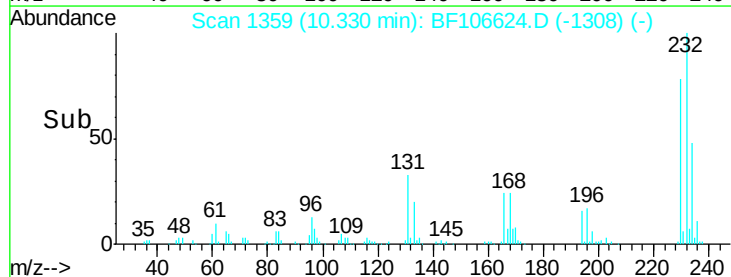
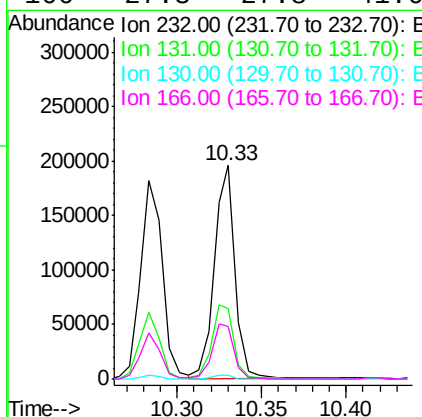
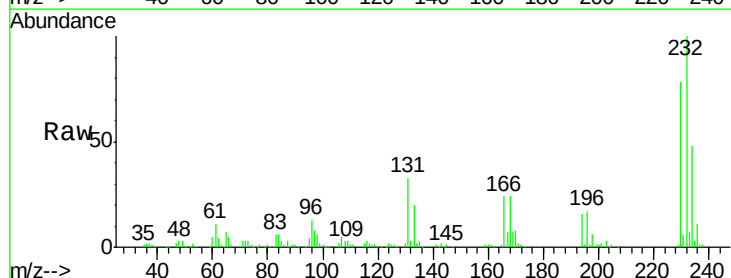
Instrument :
 BNA_F
 ClientSampleId :
 PB110384BSD

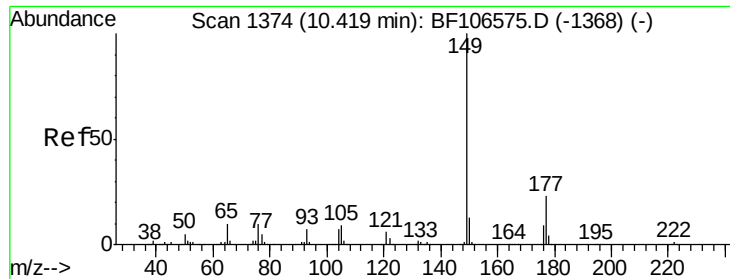
Tgt Ion:166 Resp: 548296
 Ion Ratio Lower Upper
 166 100
 165 101.0 79.8 119.8
 167 13.6 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.505 ng
 RT: 10.33 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: BF106624.D
 Acq: 20 Jun 2018 17:23

Tgt Ion:232 Resp: 167355
 Ion Ratio Lower Upper
 232 100
 131 37.0 43.8 65.8#
 130 1.7 2.1 3.1#
 166 27.3 27.8 41.6#

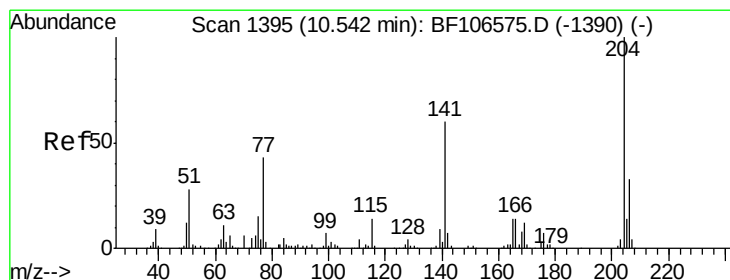
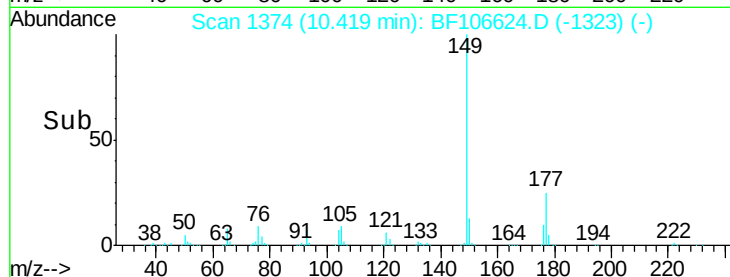
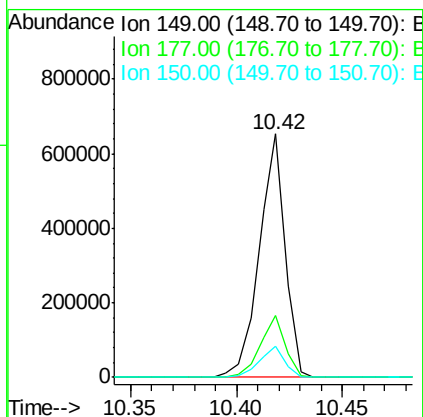
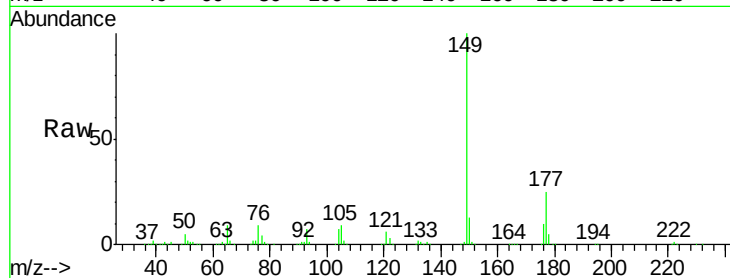




#59
Diethylphthalate
Concen: 38.692 ng
RT: 10.42 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BF106624.D
Acq: 20 Jun 2018 17:23

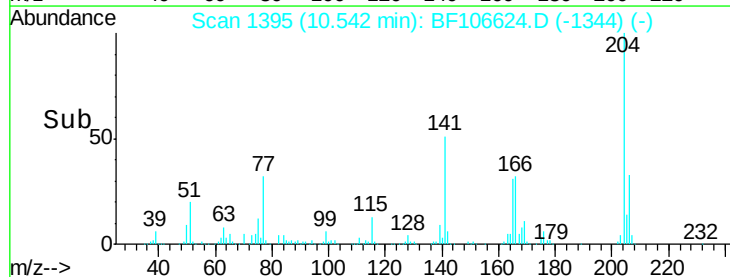
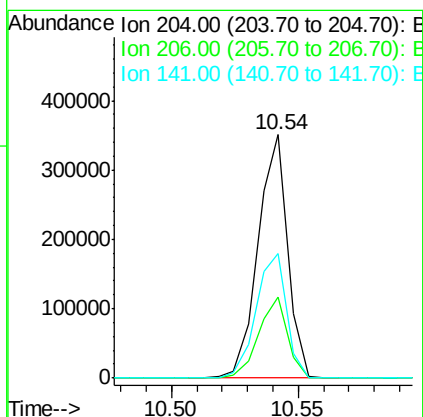
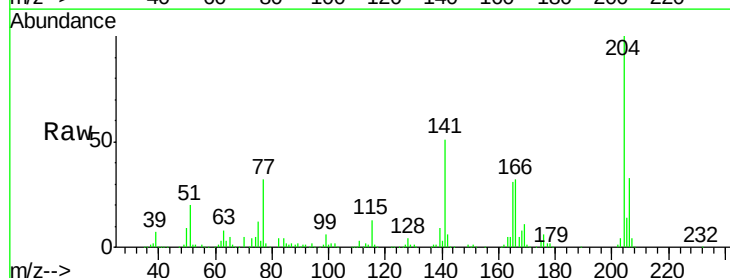
Instrument :
BNA_F
ClientSampleId :
PB110384BSD

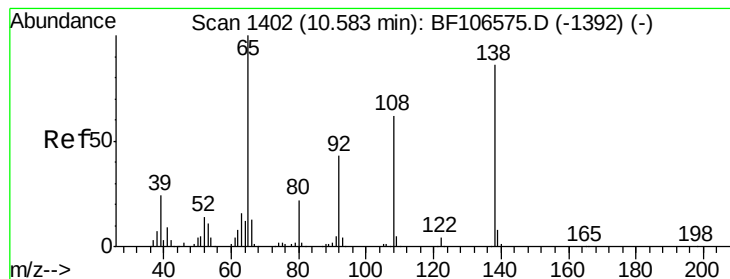
Tgt Ion:149 Resp: 554762
Ion Ratio Lower Upper
149 100
177 25.2 16.1 24.1#
150 12.8 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 40.453 ng
RT: 10.54 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BF106624.D
Acq: 20 Jun 2018 17:23

Tgt Ion:204 Resp: 284101
Ion Ratio Lower Upper
204 100
206 33.2 26.5 39.7
141 50.9 54.6 81.8#





#61

4-Nitroaniline

Concen: 39.133 ng

RT: 10.58 min Scan# 1401

Delta R.T. -0.01 min

Lab File: BF106624.D

Acq: 20 Jun 2018 17:23

Instrument :

BNA_F

ClientSampleId :

PB110384BSD

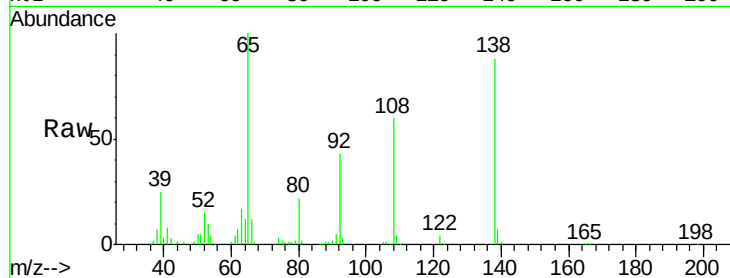
Tgt Ion:138 Resp: 140582

Ion Ratio Lower Upper

138 100

92 48.2 30.2 70.2

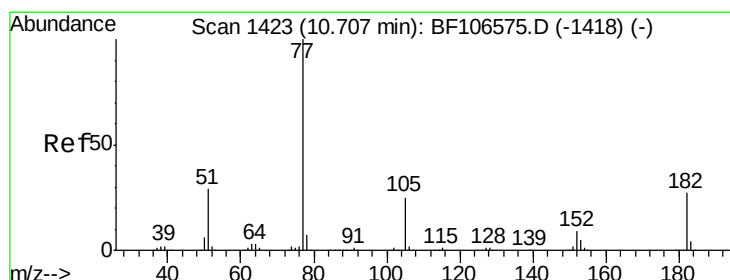
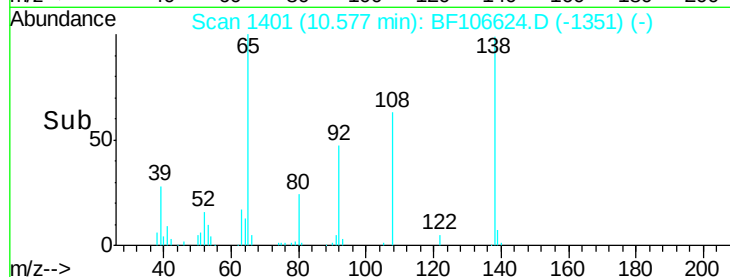
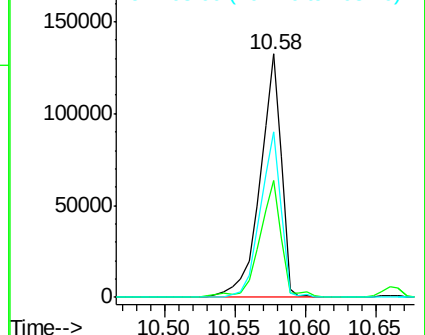
108 67.8 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 39.238 ng

RT: 10.70 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BF106624.D

Acq: 20 Jun 2018 17:23

Tgt Ion: 77 Resp: 554002

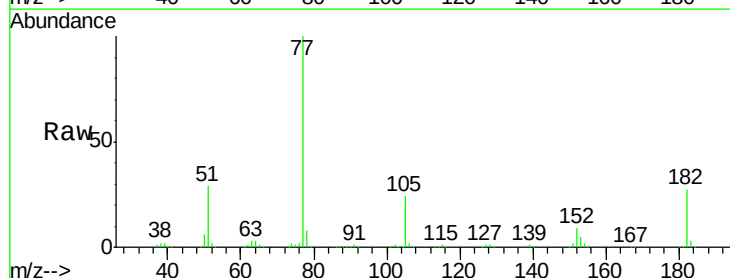
Ion Ratio Lower Upper

77 100

182 26.6 1.7 41.7

105 24.2 3.0 43.0

51 29.4 9.9 49.9

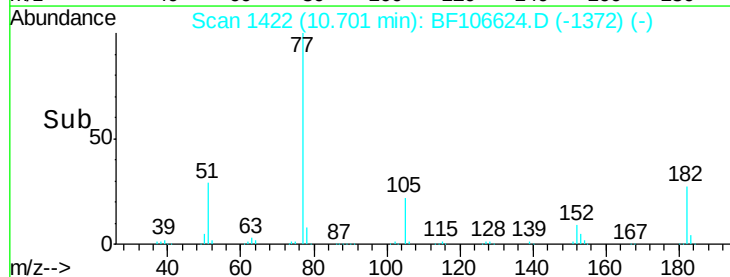
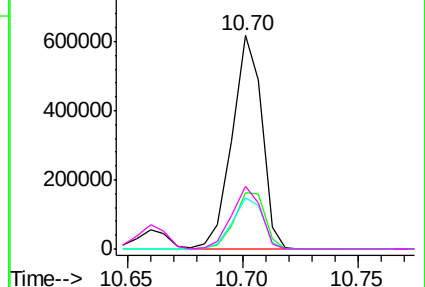


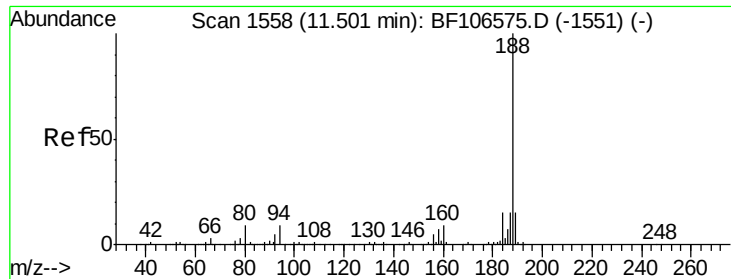
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

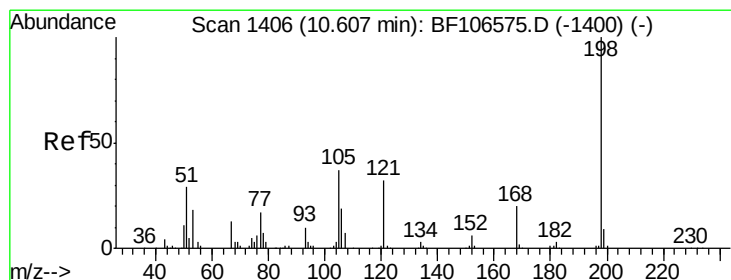
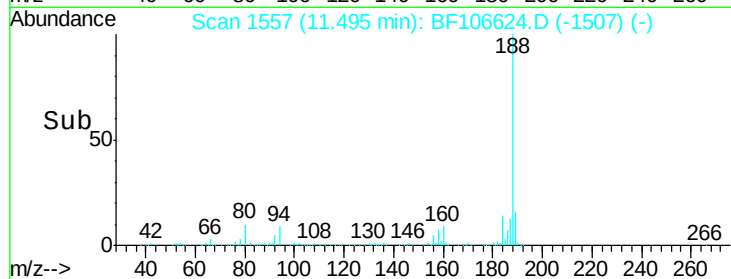
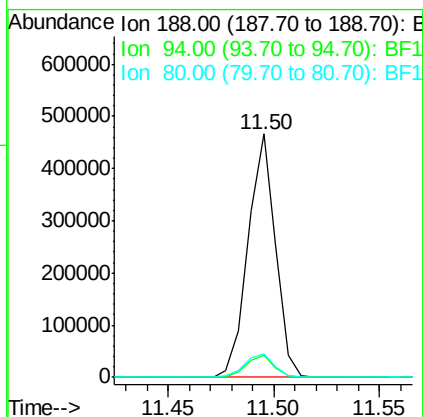
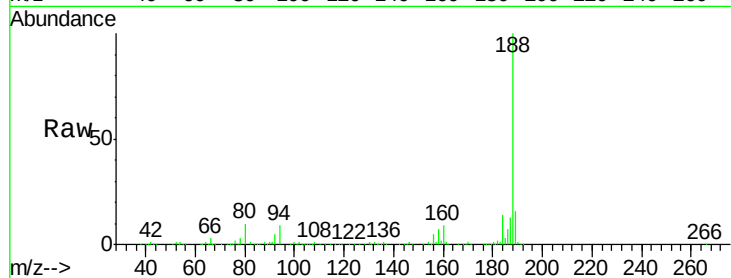




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106624.D
Acq: 20 Jun 2018 17:23

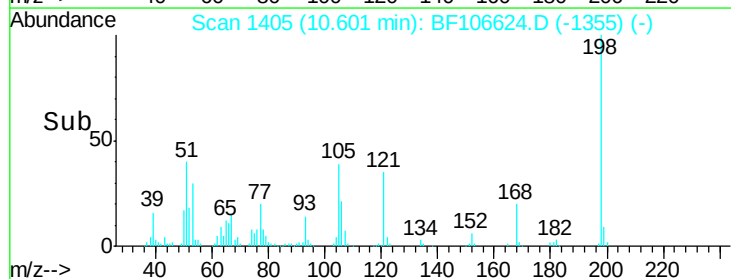
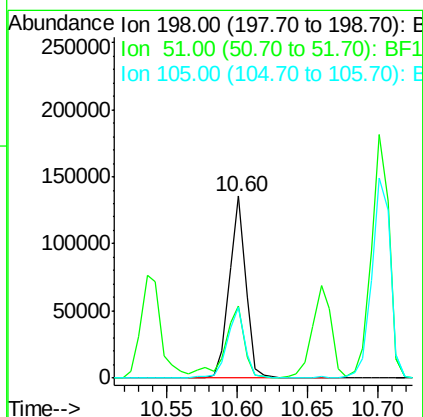
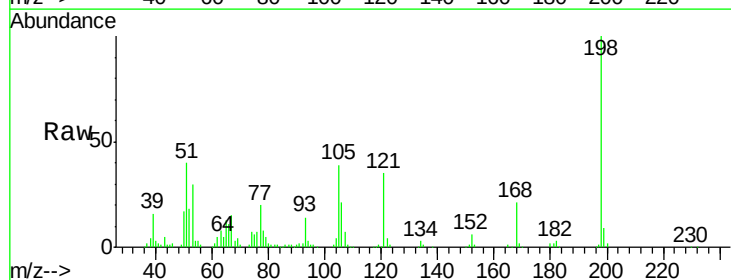
Instrument :
BNA_F
ClientSampleId :
PB110384BSD

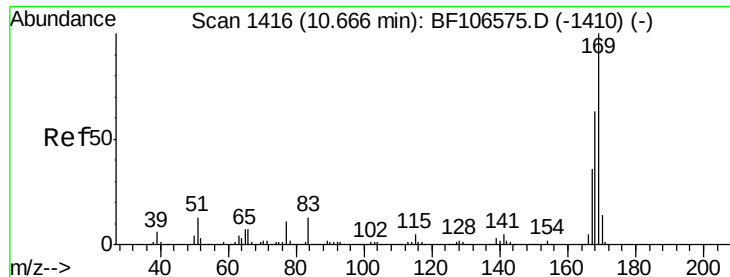
Tgt Ion:188 Resp: 419440
Ion Ratio Lower Upper
188 100
94 8.9 8.5 12.7
80 9.8 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 42.868 ng
RT: 10.60 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF106624.D
Acq: 20 Jun 2018 17:23

Tgt Ion:198 Resp: 111147
Ion Ratio Lower Upper
198 100
51 39.9 37.7 77.7
105 39.1 36.3 76.3

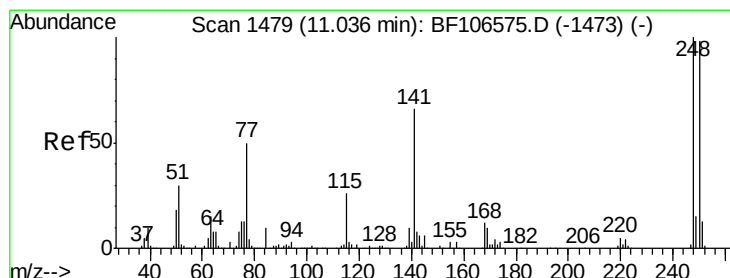
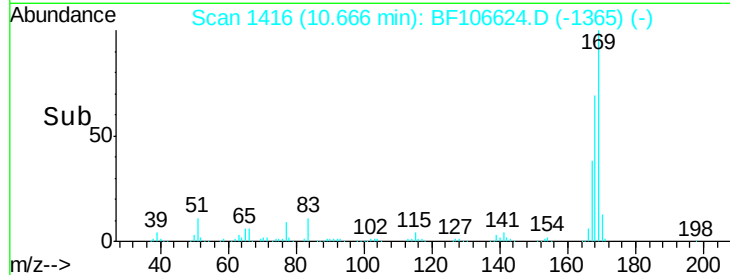
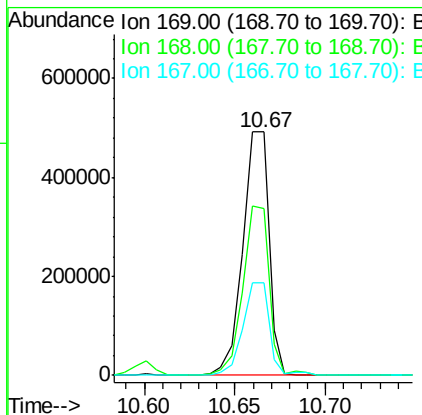
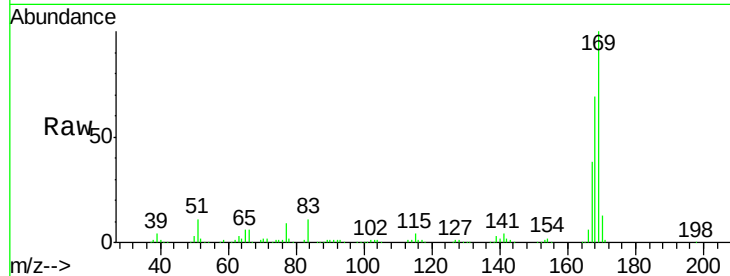




#65
 n-Nitrosodiphenylamine
 Concen: 35.220 ng
 RT: 10.67 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: BF106624.D
 Acq: 20 Jun 2018 17:23

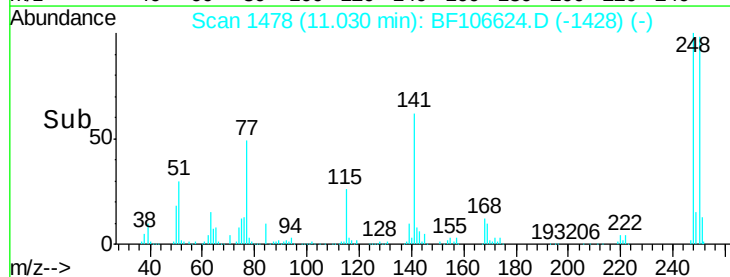
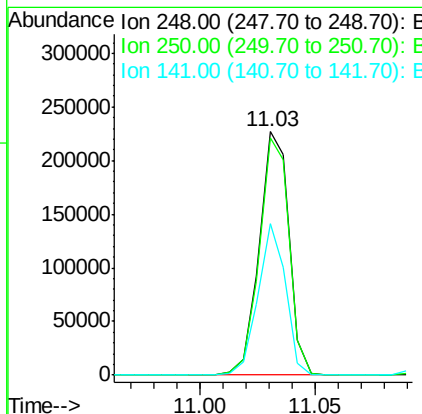
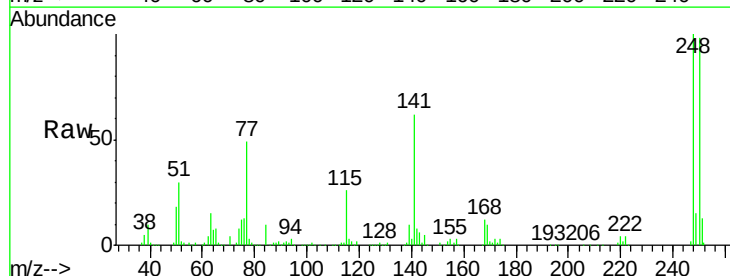
Instrument :
 BNA_F
 ClientSampleId :
 PB110384BSD

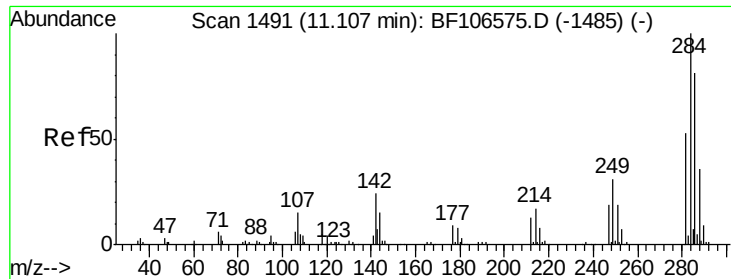
Tgt Ion:169 Resp: 496885
 Ion Ratio Lower Upper
 169 100
 168 68.7 54.4 81.6
 167 37.8 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 40.673 ng
 RT: 11.03 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF106624.D
 Acq: 20 Jun 2018 17:23

Tgt Ion:248 Resp: 203602
 Ion Ratio Lower Upper
 248 100
 250 97.5 76.9 115.3
 141 62.2 74.4 111.6#

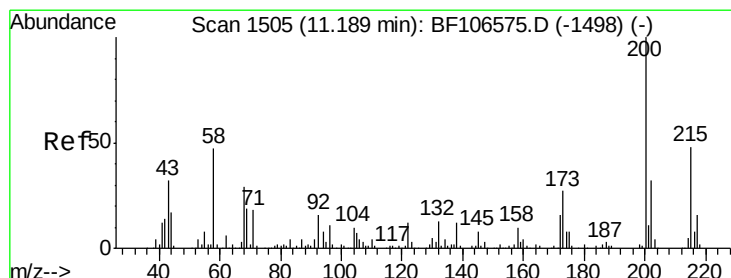
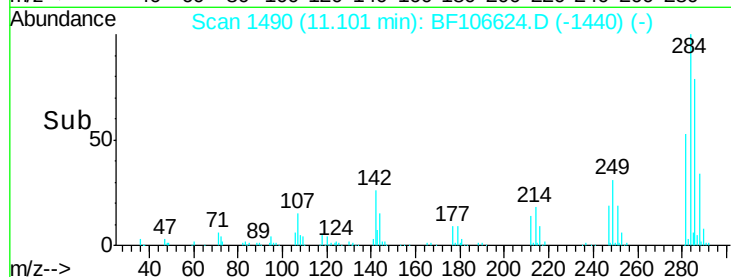
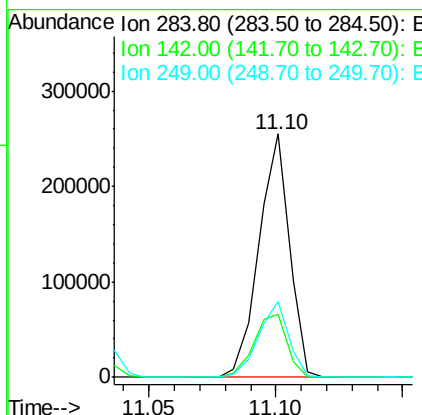
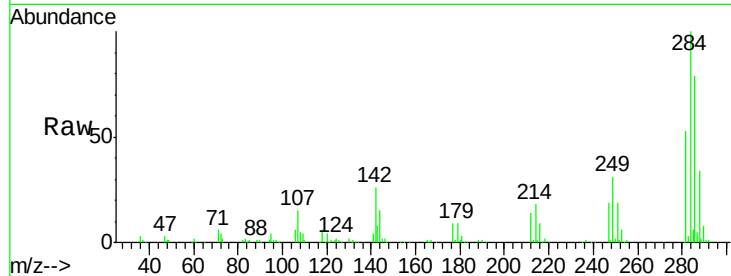




#67
Hexachlorobenzene
Concen: 41.104 ng
RT: 11.10 min Scan# 1490
Delta R.T. -0.01 min
Lab File: BF106624.D
Acq: 20 Jun 2018 17:23

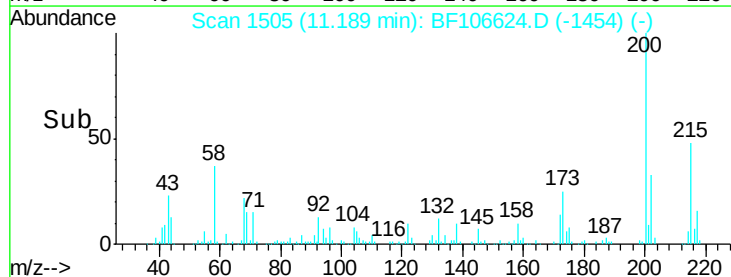
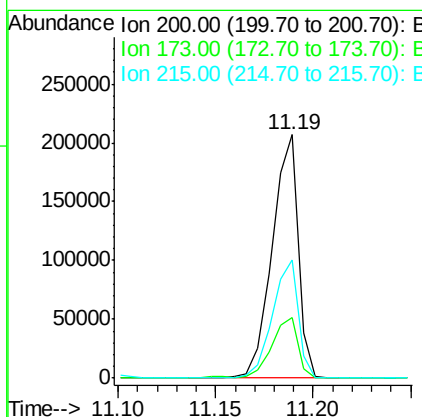
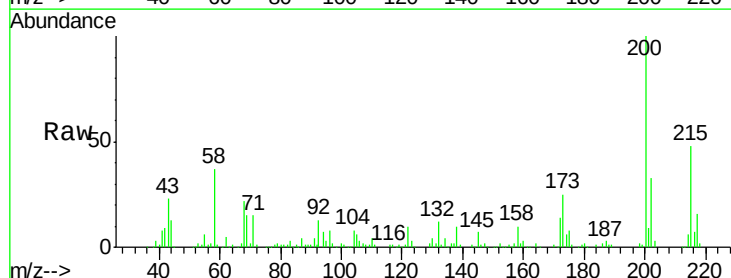
Instrument :
BNA_F
ClientSampleId :
PB110384BSD

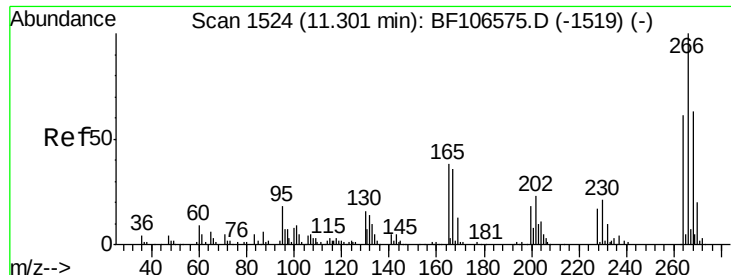
Tgt Ion:284 Resp: 215354
Ion Ratio Lower Upper
284 100
142 26.0 34.6 52.0#
249 31.2 24.8 37.2



#68
Atrazine
Concen: 42.538 ng
RT: 11.19 min Scan# 1505
Delta R.T. 0.00 min
Lab File: BF106624.D
Acq: 20 Jun 2018 17:23

Tgt Ion:200 Resp: 190781
Ion Ratio Lower Upper
200 100
173 24.9 8.6 48.6
215 48.5 25.1 65.1

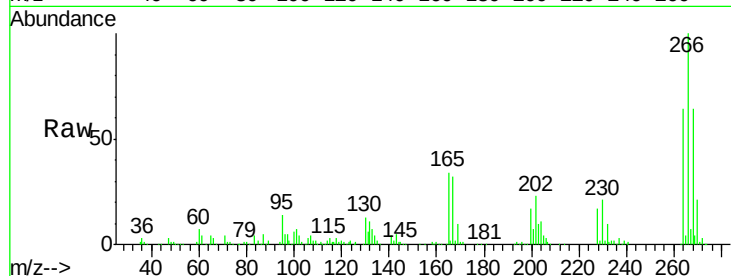




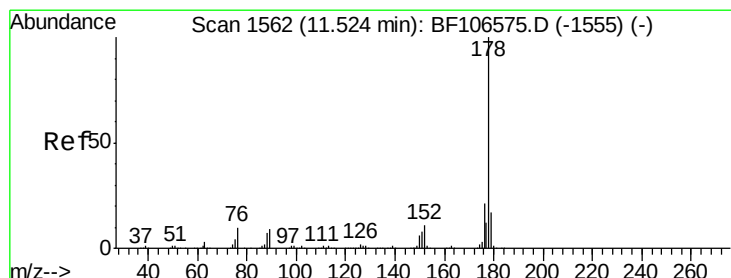
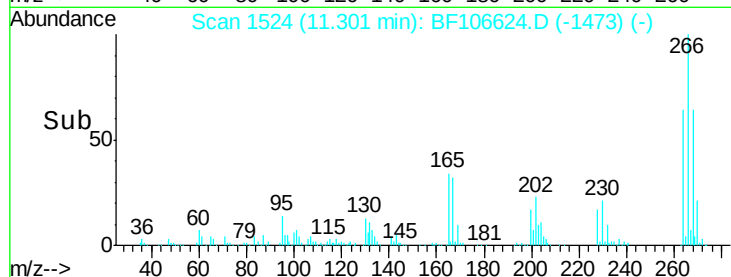
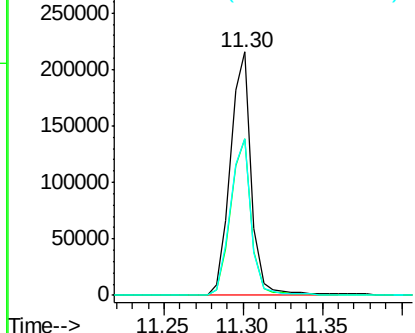
#69
 Pentachlorophenol
 Concen: 75.837 ng
 RT: 11.30 min Scan# 1524
 Delta R.T. 0.00 min
 Lab File: BF106624.D
 Acq: 20 Jun 2018 17:23

Instrument :
 BNA_F
 ClientSampleId :
 PB110384BSD

Tgt Ion:266 Resp: 198253
 Ion Ratio Lower Upper
 266 100
 268 64.1 51.1 76.7
 264 64.2 49.5 74.3

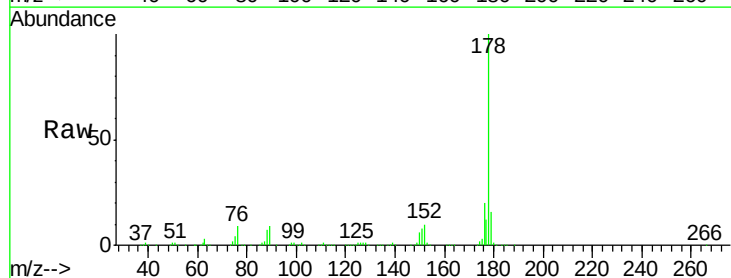


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

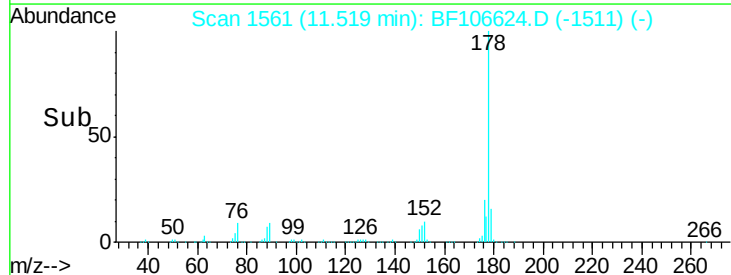
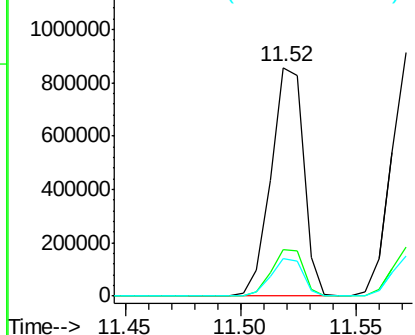


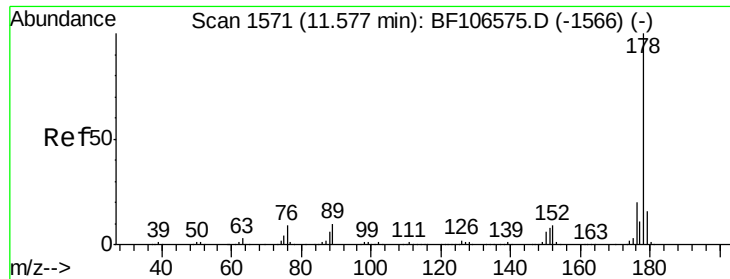
#70
 Phenanthrene
 Concen: 41.473 ng
 RT: 11.52 min Scan# 1561
 Delta R.T. -0.01 min
 Lab File: BF106624.D
 Acq: 20 Jun 2018 17:23

Tgt Ion:178 Resp: 839020
 Ion Ratio Lower Upper
 178 100
 176 20.5 15.8 23.8
 179 16.2 13.0 19.6



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





#71

Anthracene

Concen: 42.216 ng

RT: 11.57 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BF106624.D

Acq: 20 Jun 2018 17:23

Instrument :

BNA_F

ClientSampleId :

PB110384BSD

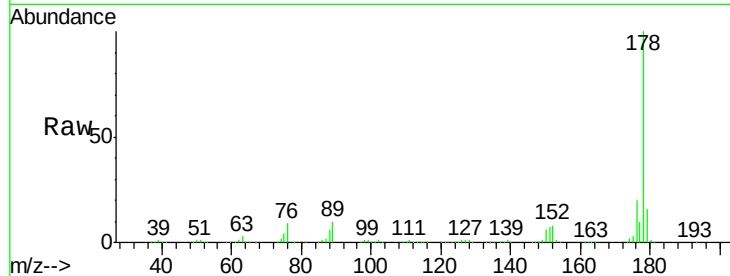
Tgt Ion:178 Resp: 871722

Ion Ratio Lower Upper

178 100

176 20.0 15.4 23.2

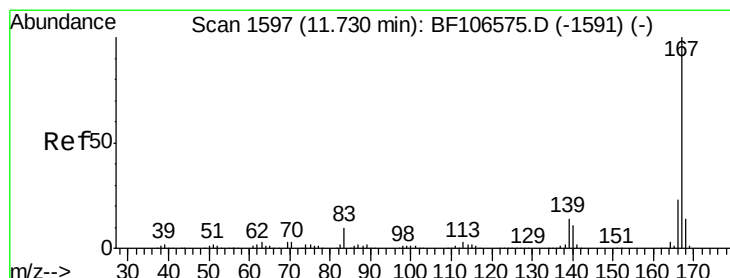
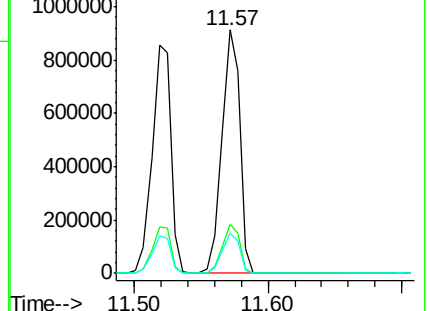
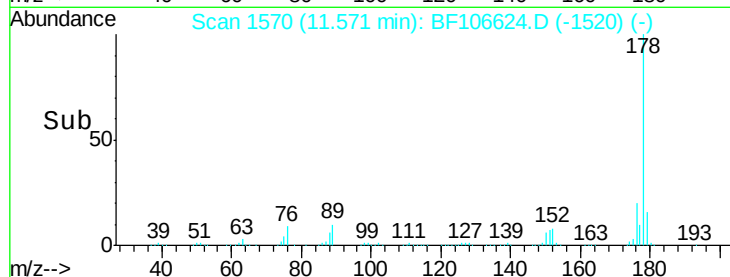
179 16.4 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 40.884 ng

RT: 11.73 min Scan# 1597

Delta R.T. 0.00 min

Lab File: BF106624.D

Acq: 20 Jun 2018 17:23

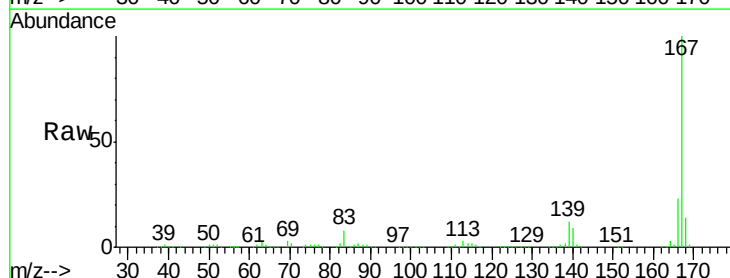
Tgt Ion:167 Resp: 790409

Ion Ratio Lower Upper

167 100

166 22.9 17.6 26.4

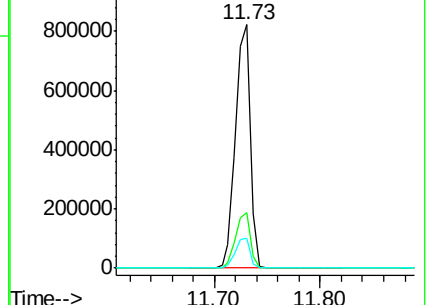
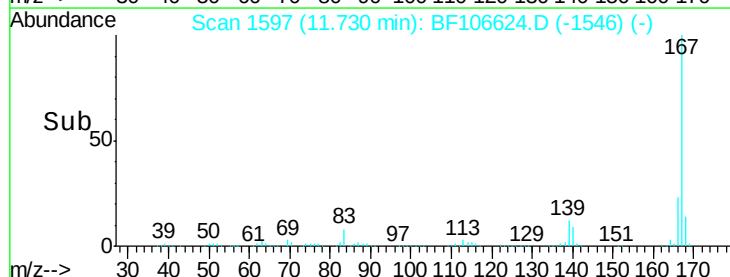
139 12.4 10.9 16.3

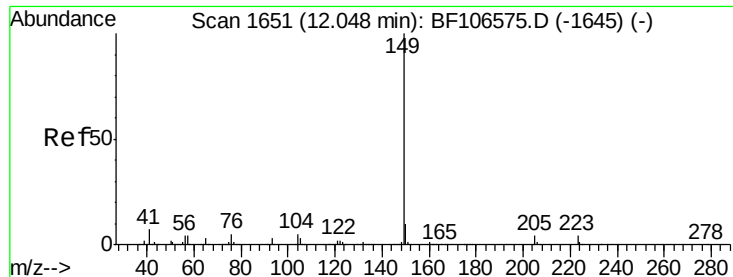


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.001 ng

RT: 12.04 min Scan# 1650

Delta R.T. -0.01 min

Lab File: BF106624.D

Acq: 20 Jun 2018 17:23

Instrument :

BNA_F

ClientSampleId :

PB110384BSD

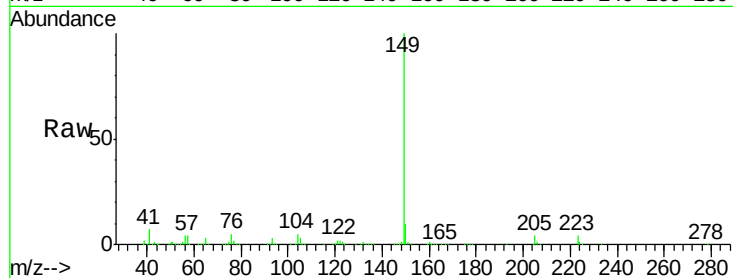
Tgt Ion:149 Resp: 911048

Ion Ratio Lower Upper

149 100

150 10.0 7.8 11.6

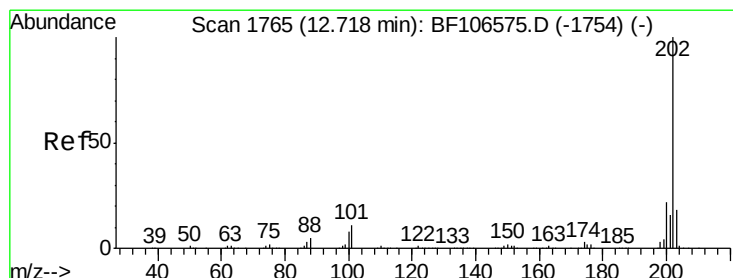
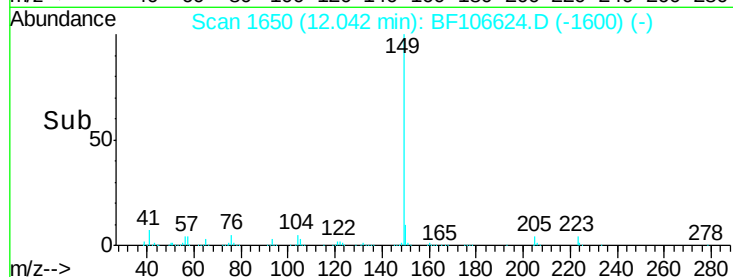
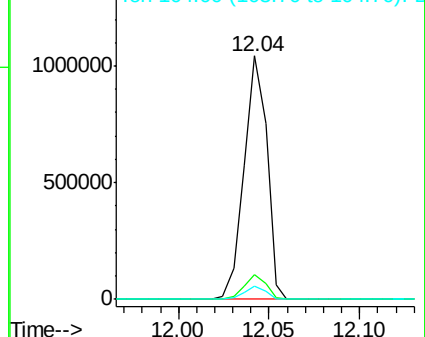
104 5.2 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 43.538 ng

RT: 12.71 min Scan# 1764

Delta R.T. -0.01 min

Lab File: BF106624.D

Acq: 20 Jun 2018 17:23

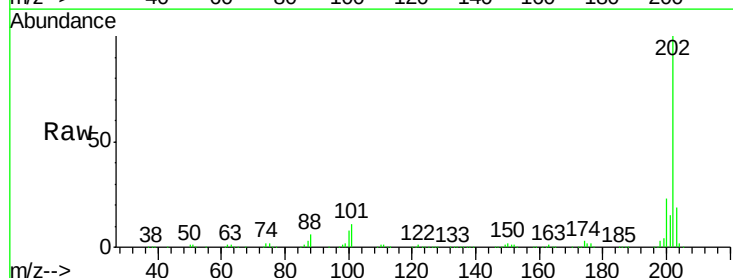
Tgt Ion:202 Resp: 970812

Ion Ratio Lower Upper

202 100

101 11.4 0.0 34.1

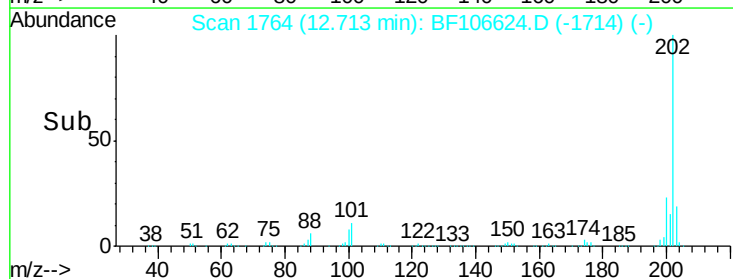
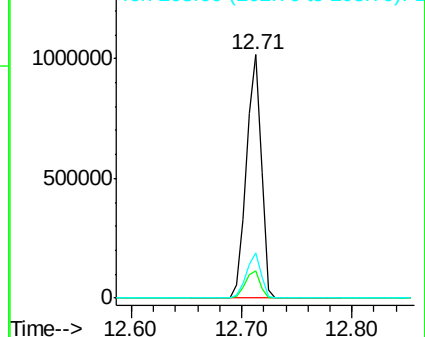
203 18.8 0.0 38.1

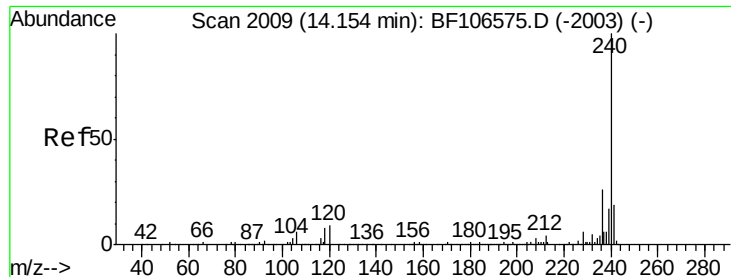


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF106624.D

Acq: 20 Jun 2018 17:23

Instrument :

BNA_F

ClientSampleId :

PB110384BSD

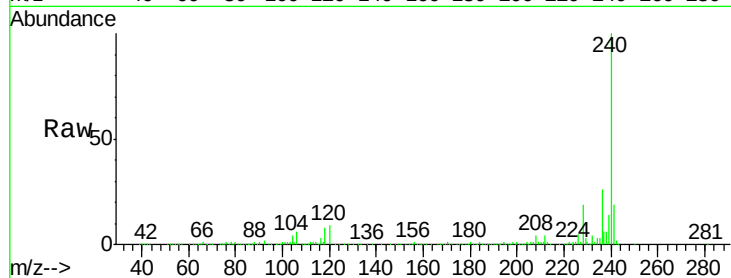
Tgt Ion:240 Resp: 375811

Ion Ratio Lower Upper

240 100

120 9.0 9.5 14.3#

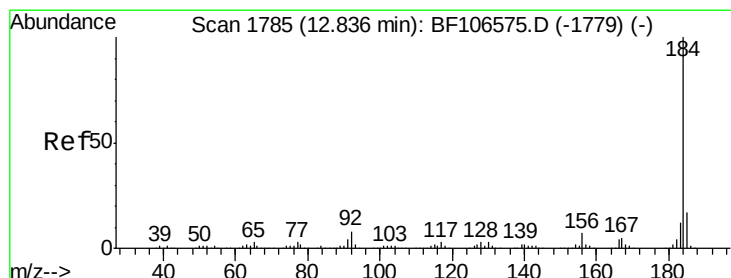
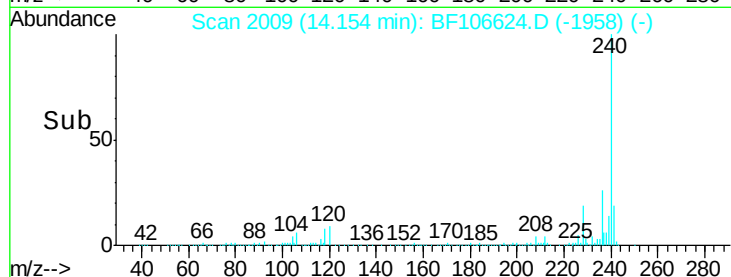
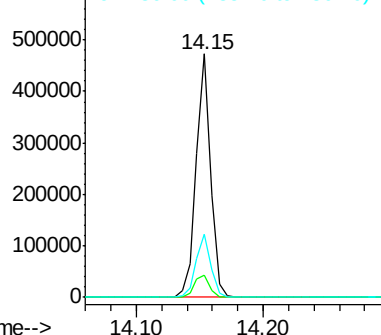
236 26.0 20.7 31.1



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



#76

Benzidine

Concen: 31.124 ng

RT: 12.83 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF106624.D

Acq: 20 Jun 2018 17:23

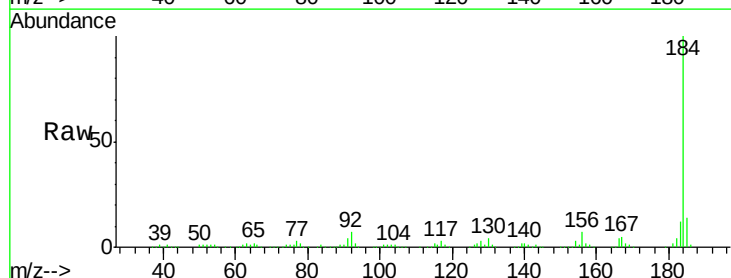
Tgt Ion:184 Resp: 333116

Ion Ratio Lower Upper

184 100

185 13.9 12.6 18.8

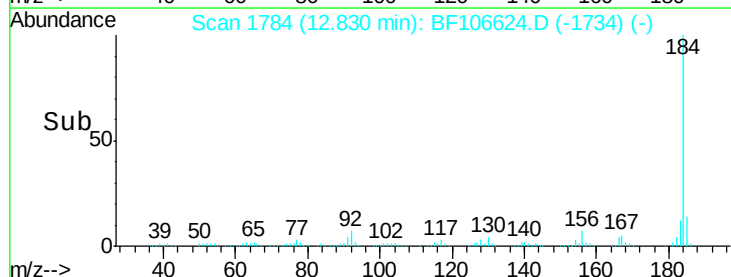
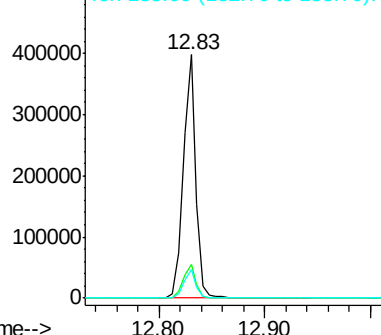
183 11.5 9.3 13.9

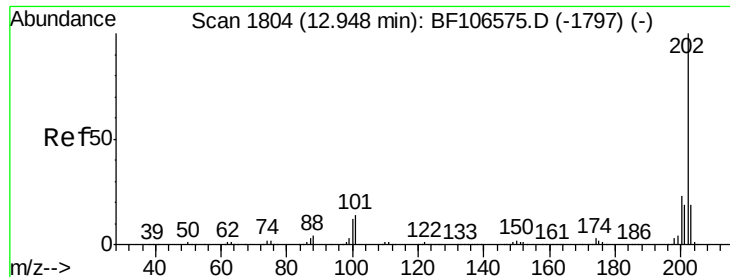


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

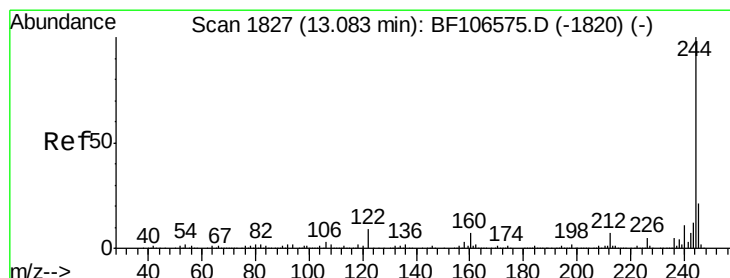
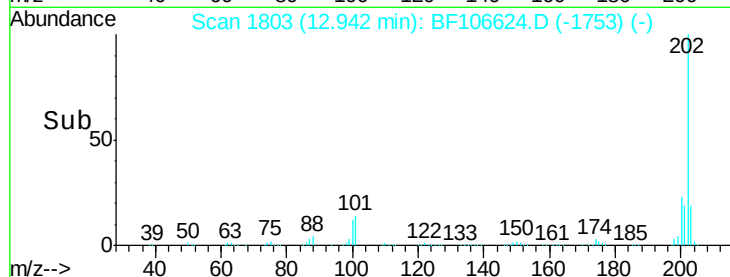
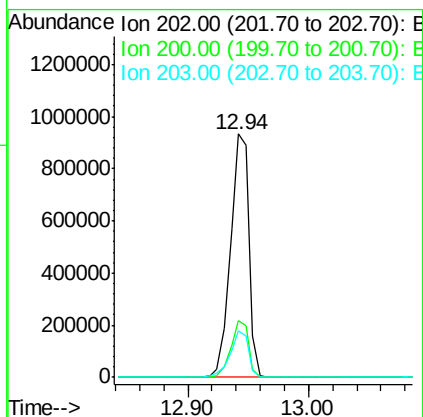
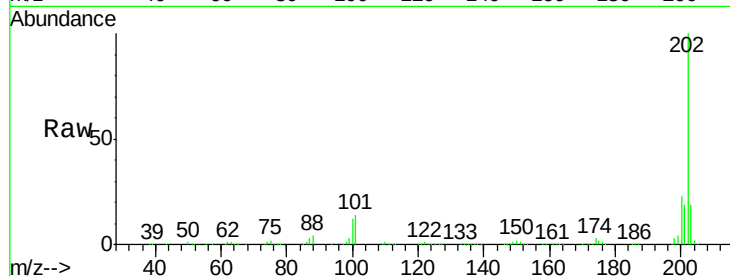




#77
 Pyrene
 Concen: 39.756 ng
 RT: 12.94 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: BF106624.D
 Acq: 20 Jun 2018 17:23

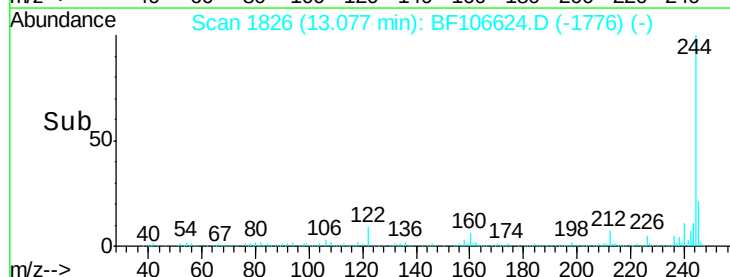
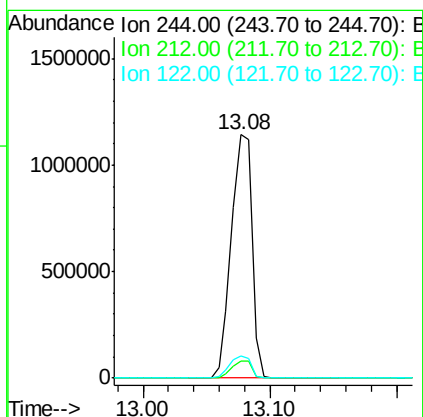
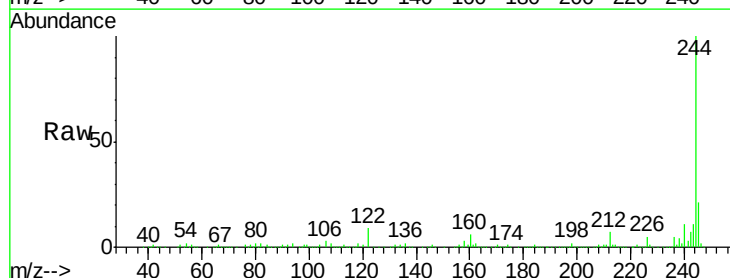
Instrument :
 BNA_F
 ClientSampleId :
 PB110384BSD

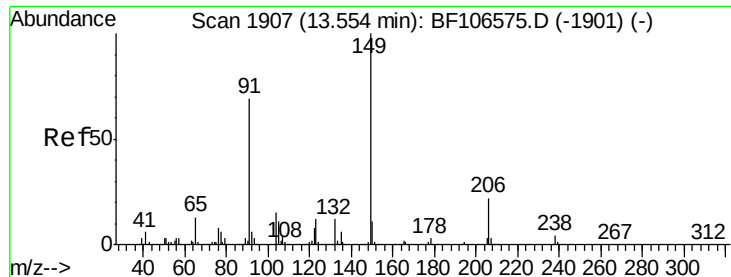
Tgt Ion	Ratio	Lower	Upper
202	100		
200	23.1	17.4	26.2
203	18.9	14.3	21.5



#78
 Terphenyl-d14
 Concen: 82.727 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF106624.D
 Acq: 20 Jun 2018 17:23

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	9.3	11.0	16.4

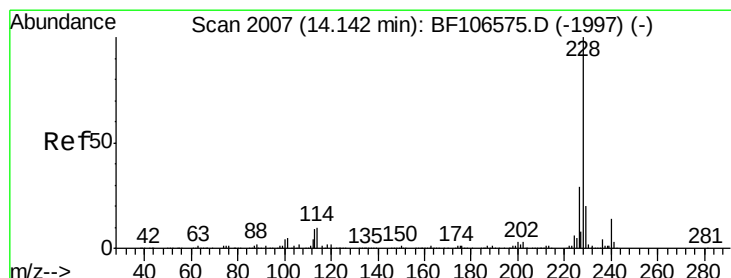
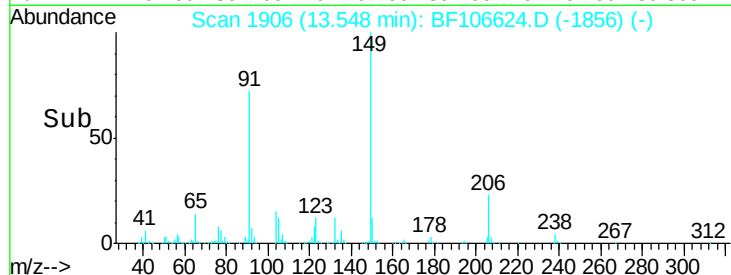
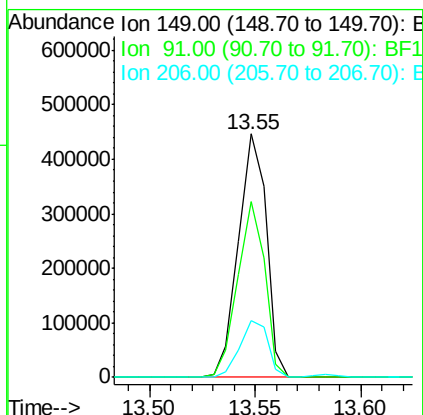
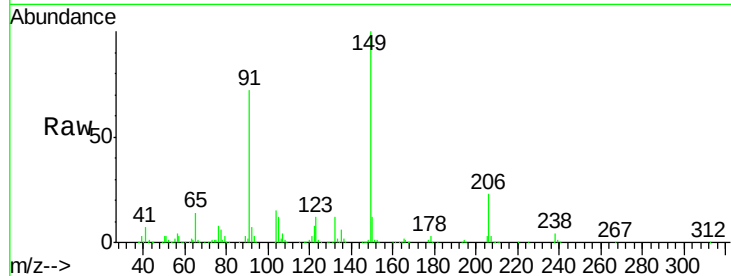




#79
Butylbenzylphthalate
Concen: 40.279 ng
RT: 13.55 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BF106624.D
Acq: 20 Jun 2018 17:23

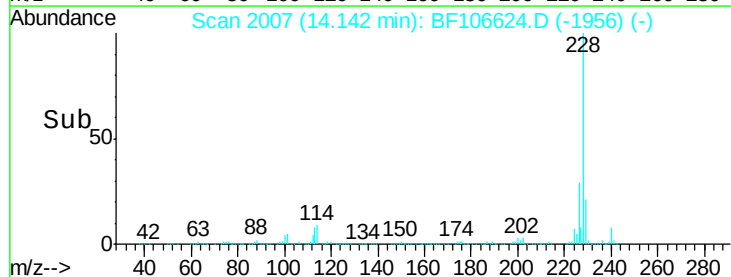
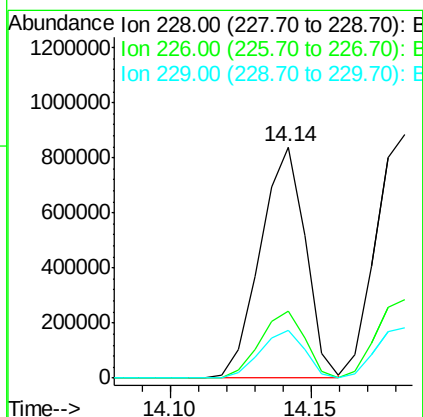
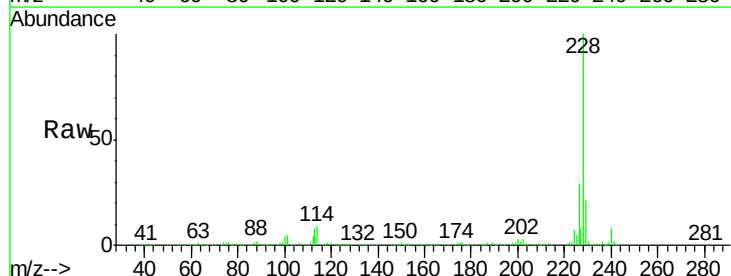
Instrument :
BNA_F
ClientSampleId :
PB110384BSD

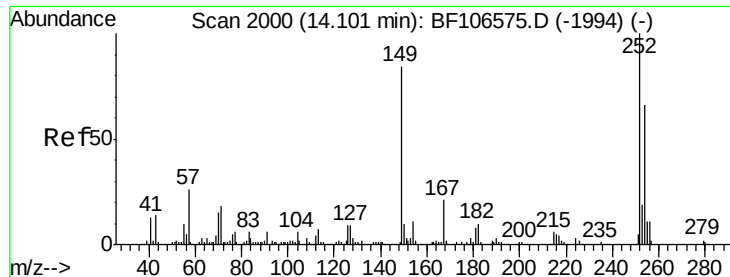
Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.3	56.8	85.2
206	23.2	14.1	21.1



#80
Benzo(a)anthracene
Concen: 40.599 ng
RT: 14.14 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BF106624.D
Acq: 20 Jun 2018 17:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.6	33.8
229	20.8	15.8	23.6

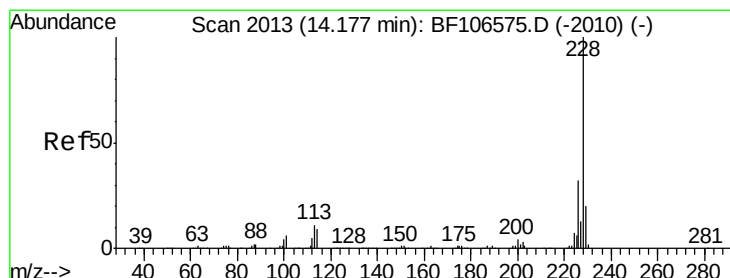
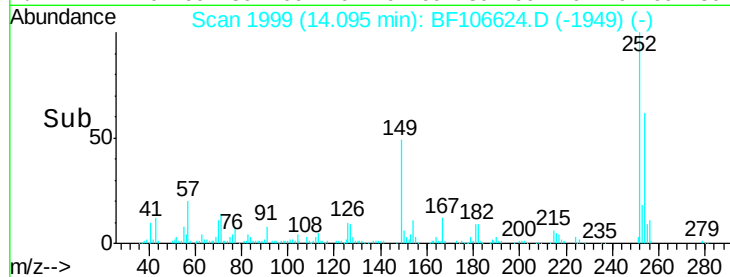
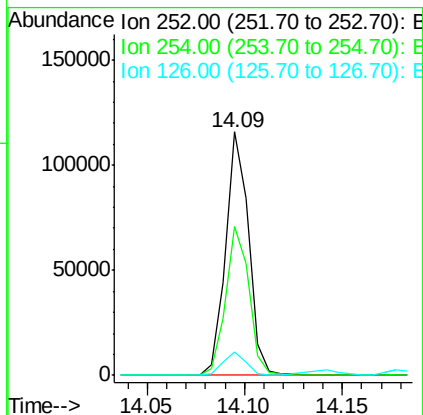
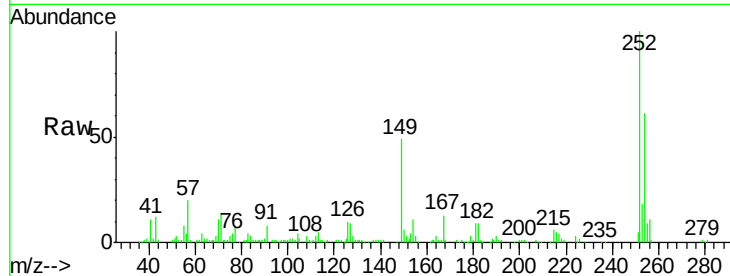




#81
 3,3'-Dichlorobenzidine
 Concen: 11.762 ng
 RT: 14.09 min Scan# 1999
 Delta R.T. -0.01 min
 Lab File: BF106624.D
 Acq: 20 Jun 2018 17:23

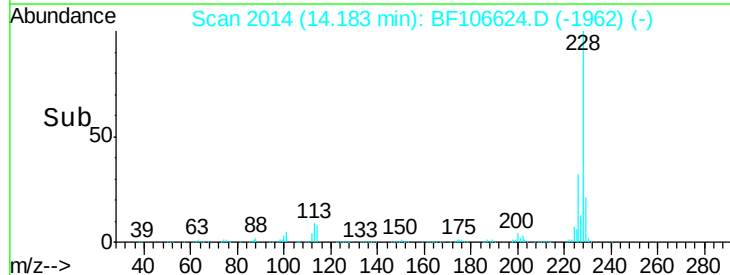
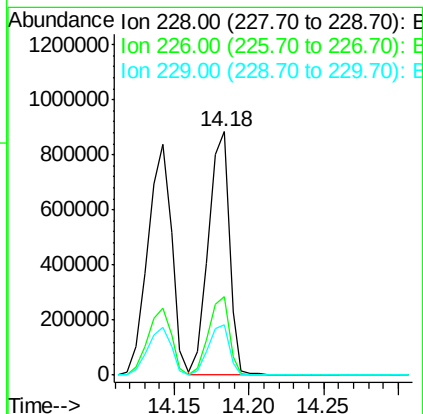
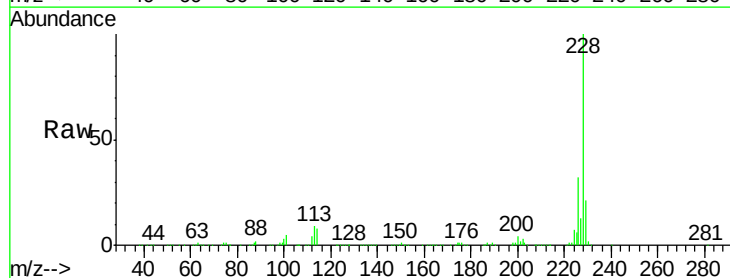
Instrument :
 BNA_F
 ClientSampleId :
 PB110384BSD

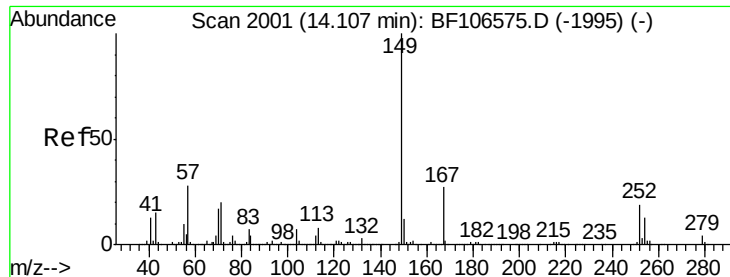
Tgt Ion:252 Resp: 94685
 Ion Ratio Lower Upper
 252 100
 254 61.3 50.4 75.6
 126 9.6 11.3 16.9#



#82
 Chrysene
 Concen: 40.763 ng
 RT: 14.18 min Scan# 2014
 Delta R.T. 0.01 min
 Lab File: BF106624.D
 Acq: 20 Jun 2018 17:23

Tgt Ion:228 Resp: 858968
 Ion Ratio Lower Upper
 228 100
 226 32.2 25.0 37.6
 229 20.5 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.034 ng

RT: 14.11 min Scan# 2001

Delta R.T. 0.00 min

Lab File: BF106624.D

Acq: 20 Jun 2018 17:23

Instrument :

BNA_F

ClientSampleId :

PB110384BSD

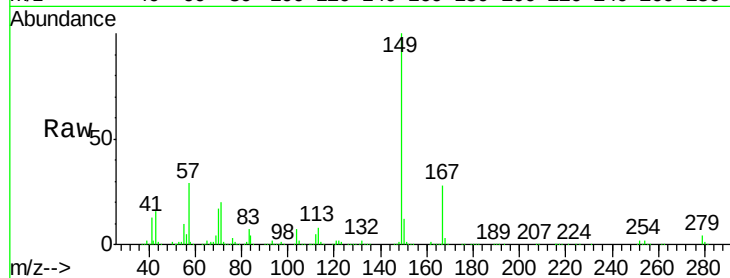
Tgt Ion:149 Resp: 573616

Ion Ratio Lower Upper

149 100

167 28.3 21.3 31.9

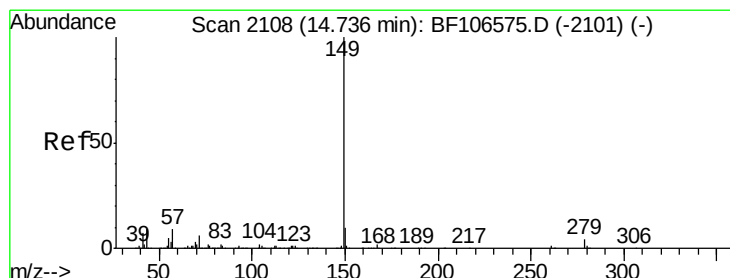
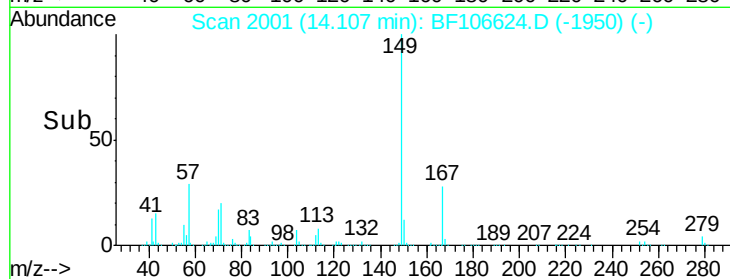
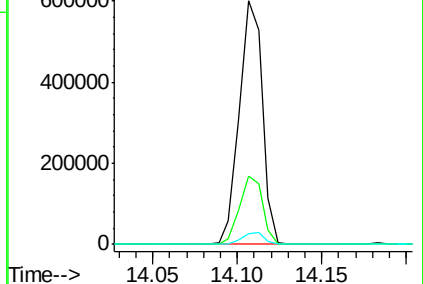
279 4.2 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 40.930 ng

RT: 14.75 min Scan# 2110

Delta R.T. 0.01 min

Lab File: BF106624.D

Acq: 20 Jun 2018 17:23

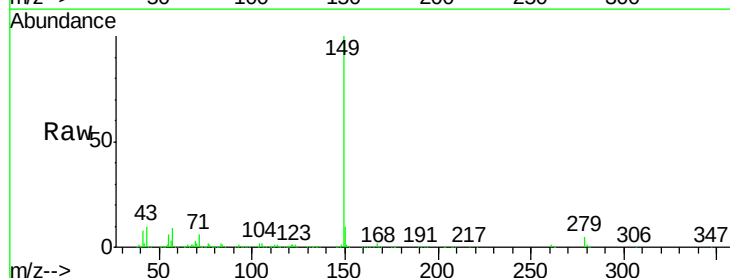
Tgt Ion:149 Resp: 869103

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

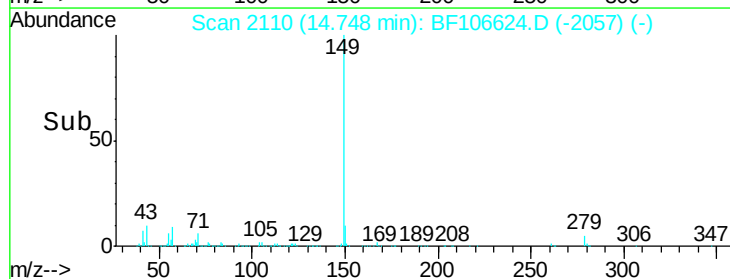
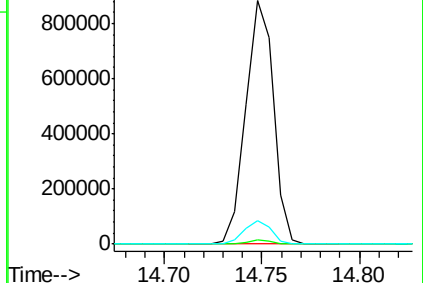
43 9.2 8.4 12.6

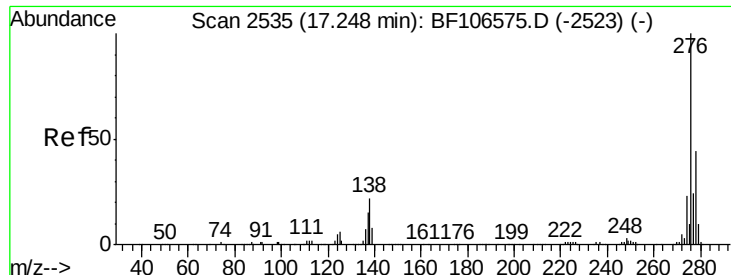


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





#85

Indeno(1,2,3-cd)pyrene

Concen: 41.831 ng

RT: 17.27 min Scan# 2539

Delta R.T. 0.02 min

Lab File: BF106624.D

Acq: 20 Jun 2018 17:23

Instrument :

BNA_F

ClientSampleId :

PB110384BSD

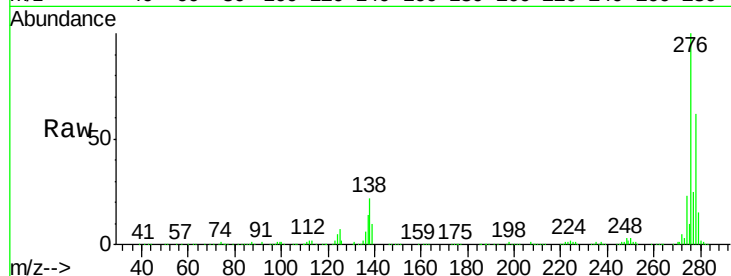
Tgt Ion:276 Resp: 748041

Ion Ratio Lower Upper

276 100

138 22.2 25.0 37.6#

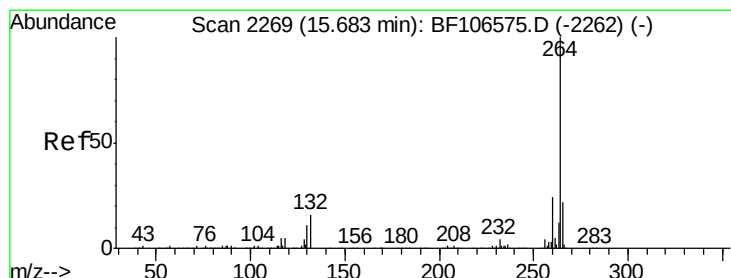
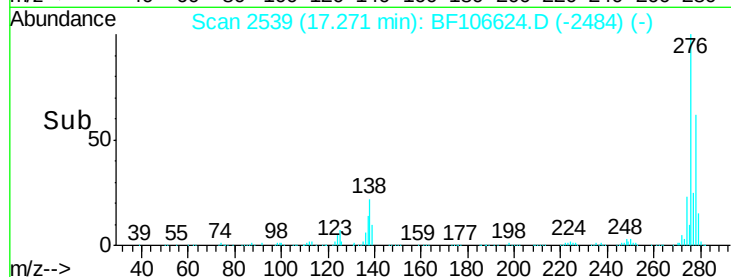
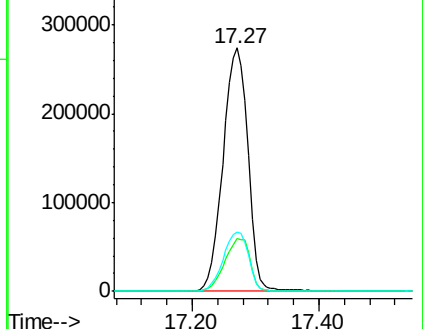
277 24.9 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.69 min Scan# 2271

Delta R.T. 0.01 min

Lab File: BF106624.D

Acq: 20 Jun 2018 17:23

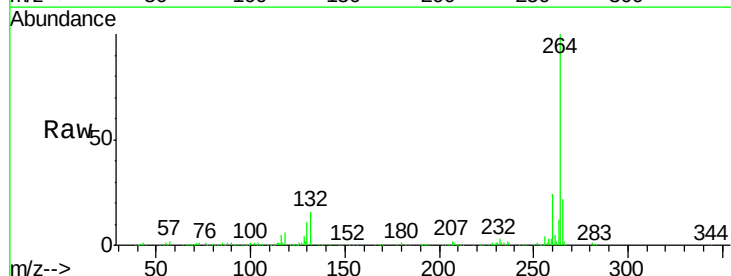
Tgt Ion:264 Resp: 296066

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

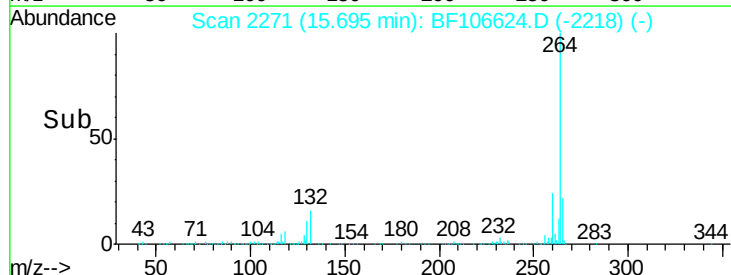
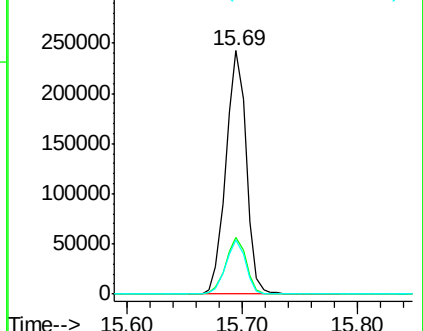
265 22.5 17.5 26.3

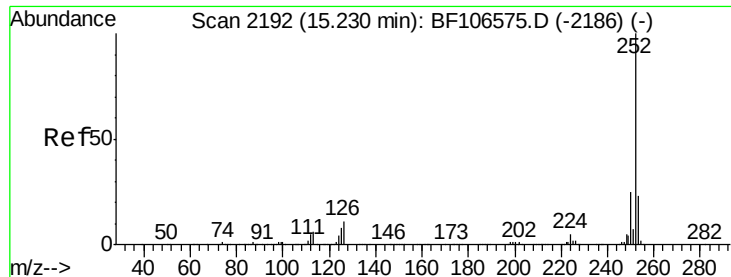


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 43.748 ng

RT: 15.24 min Scan# 2194

Delta R.T. 0.01 min

Lab File: BF106624.D

Acq: 20 Jun 2018 17:23

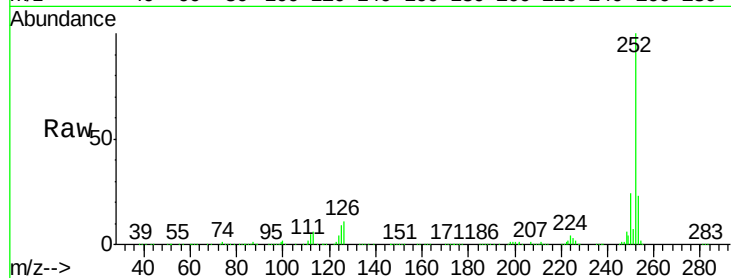
Instrument :

BNA_F

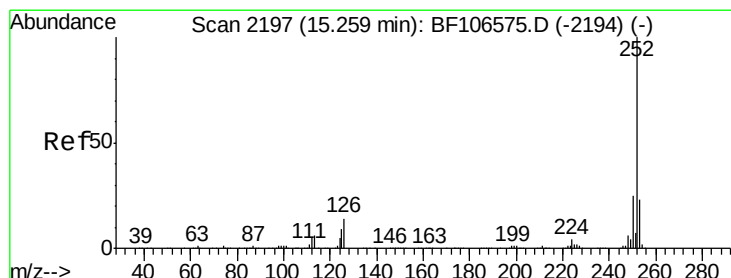
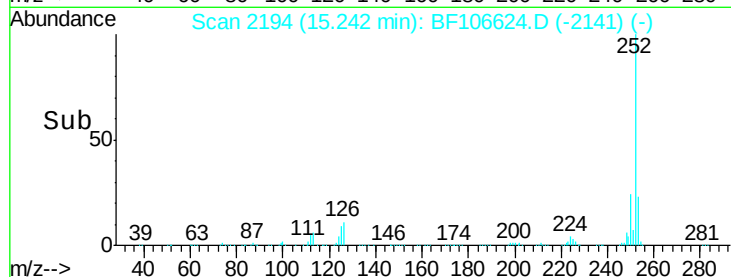
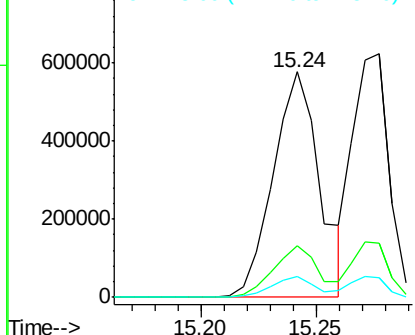
ClientSampleId :

PB110384BSD

Tgt Ion:	252	Resp:	804584
Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.0	25.6
125	9.0	9.0	13.6#



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



#88

Benzo(k)fluoranthene

Concen: 39.349 ng

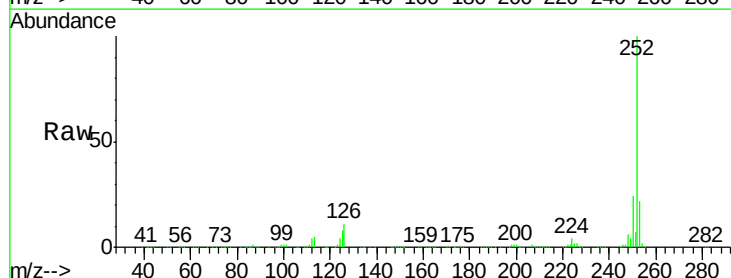
RT: 15.28 min Scan# 2200

Delta R.T. 0.02 min

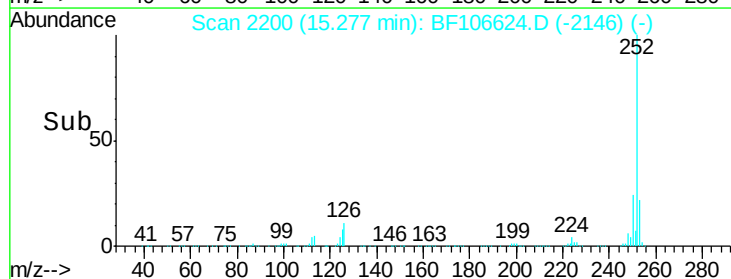
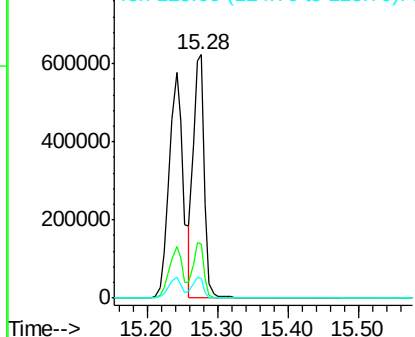
Lab File: BF106624.D

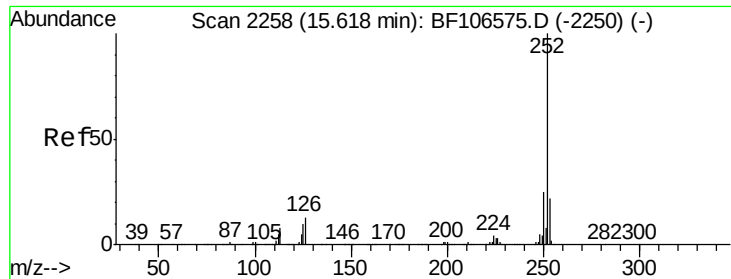
Acq: 20 Jun 2018 17:23

Tgt Ion:	252	Resp:	689171
Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	7.8	10.2	15.2#



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

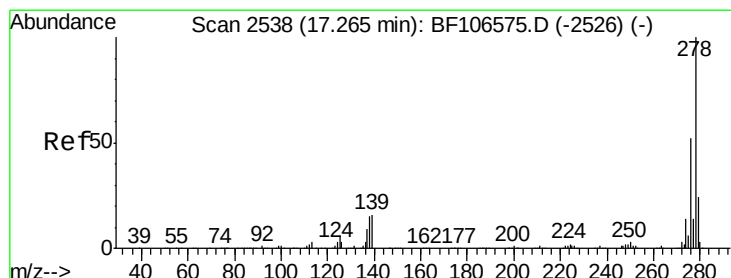
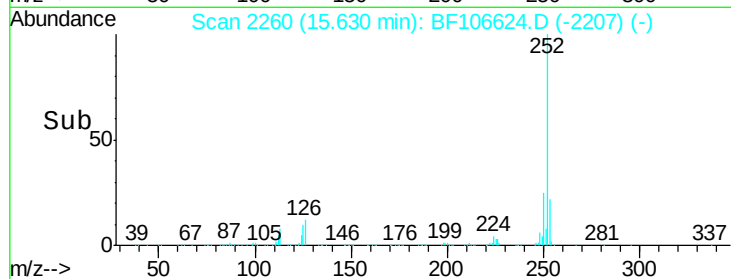
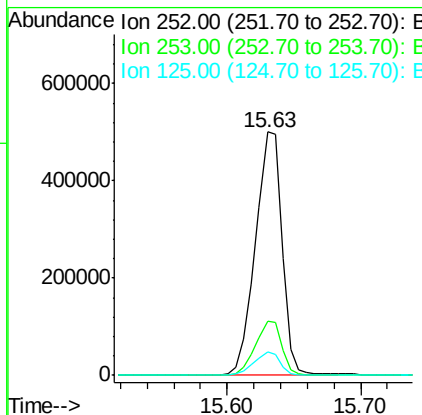
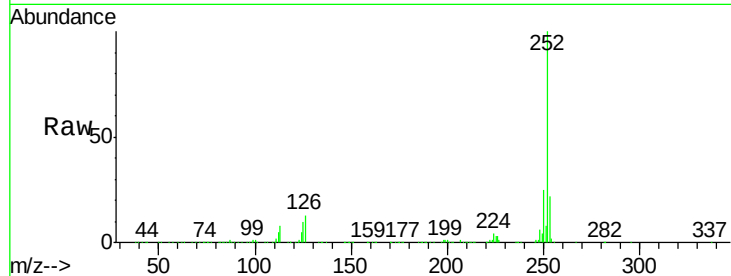




#89
Benzo(a)pyrene
Concen: 42.057 ng
RT: 15.63 min Scan# 2260
Delta R.T. 0.01 min
Lab File: BF106624.D
Acq: 20 Jun 2018 17:23

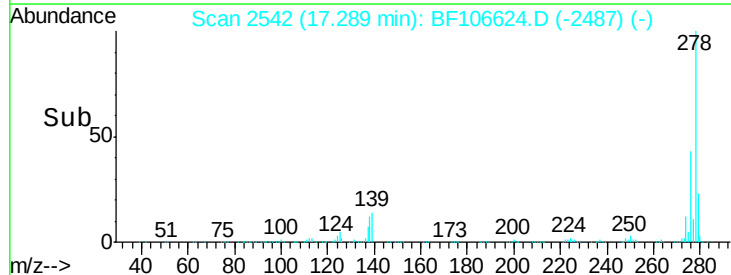
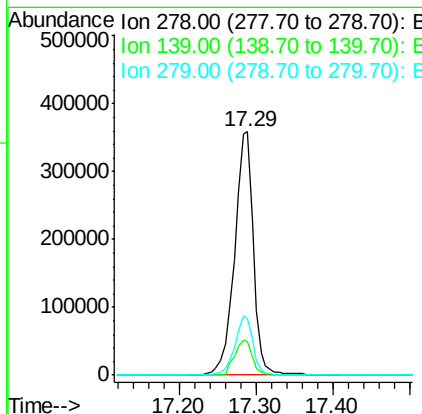
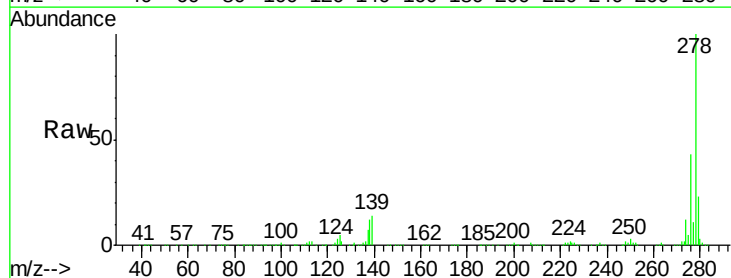
Instrument :
BNA_F
ClientSampleId :
PB110384BSD

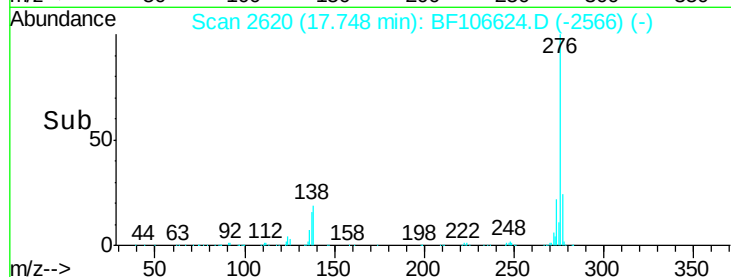
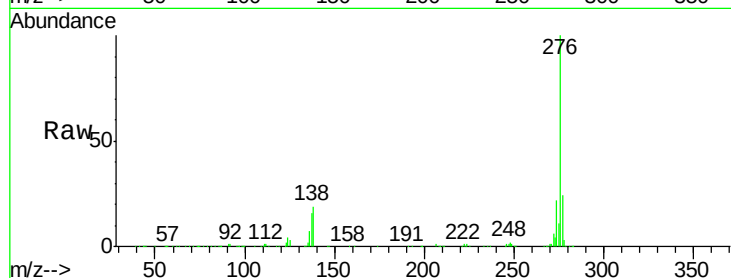
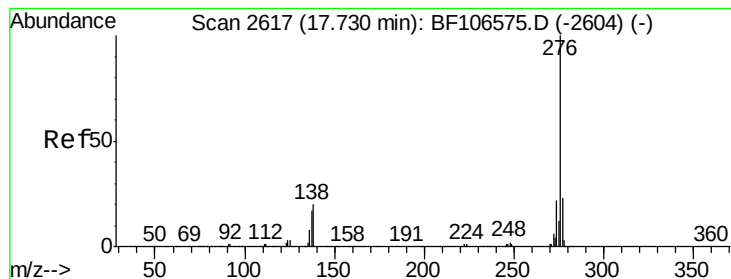
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	9.6	9.8	14.6



#90
Dibenzo(a,h)anthracene
Concen: 44.435 ng
RT: 17.29 min Scan# 2542
Delta R.T. 0.02 min
Lab File: BF106624.D
Acq: 20 Jun 2018 17:23

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.8	15.9	23.9
279	23.3	19.0	28.4





#91

Benzo(g,h,i)perylene

Concen: 47.420 ng

RT: 17.75 min Scan# 2620

Delta R.T. 0.02 min

Lab File: BF106624.D

Acq: 20 Jun 2018 17:23

Instrument :

BNA_F

ClientSampleId :

PB110384BSD

Tgt Ion: 276 Resp: 642225

Ion Ratio Lower Upper

276 100

277 23.9 17.9 26.9

138 18.7 21.8 32.8#

