

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050218\
 Data File : BF105066.D
 Acq On : 3 May 2018 7:47
 Operator : JU/SJ
 Sample : PB108808BSD
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB108808BSD

Quant Time: May 03 09:00:08 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 02 17:25:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	83605	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	334659	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	148571	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	245906	20.00	ng	0.00
75) Chrysene-d12	14.02	240	187787	20.00	ng	-0.01
86) Perylene-d12	15.57	264	152657	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	520285	95.16	ng	0.00
7) Phenol-d6	6.43	99	626985	93.33	ng	0.00
23) Nitrobenzene-d5	7.36	82	537819	104.94	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	152735	99.10	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1012844	107.70	ng	0.00
78) Terphenyl-d14	12.91	244	871934	105.86	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	92721	36.393	ng	# 85
3) Pyridine	3.27	79	266496	37.204	ng	# 84
4) n-Nitrosodimethylamine	3.25	42	100940	40.312	ng	81
6) Aniline	6.45	93	210898	22.596	ng	# 58
8) 2-Chlorophenol	6.57	128	287331	49.788	ng	94
9) Benzaldehyde	6.34	77	181736	69.240	ng	96
10) Phenol	6.45	94	334780	46.966	ng	93
11) bis(2-Chloroethyl)ether	6.53	93	255561	44.927	ng	93
12) 1,3-Dichlorobenzene	6.73	146	297770	45.545	ng	99
13) 1,4-Dichlorobenzene	6.80	146	301827	46.312	ng	99
14) 1,2-Dichlorobenzene	6.96	146	281164	46.554	ng	100
15) Benzyl Alcohol	6.94	79	215434	42.221	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.06	45	283947	37.170	ng	54
17) 2-Methylphenol	7.05	107	229902	45.829	ng	94
18) Hexachloroethane	7.29	117	99302	42.735	ng	96
19) n-Nitroso-di-n-propylamine	7.21	70	174433	39.734	ng	88
20) 3+4-Methylphenols	7.21	107	288800	46.419	ng	# 83
22) Acetophenone	7.20	105	373719	45.359	ng	# 98
24) Nitrobenzene	7.38	77	277153	48.980	ng	93
25) Isophorone	7.62	82	503120	46.423	ng	99
26) 2-Nitrophenol	7.69	139	151708	65.858	ng	93
27) 2,4-Dimethylphenol	7.73	122	245448	51.316	ng	99
28) bis(2-Chloroethoxy)methane	7.82	93	326924	49.337	ng	99
29) 2,4-Dichlorophenol	7.94	162	235389	51.578	ng	97
30) 1,2,4-Trichlorobenzene	8.02	180	242424	48.402	ng	98
31) Naphthalene	8.10	128	790687	47.448	ng	100
32) Benzoic acid	7.87	122	112977	29.604	ng	97
33) 4-Chloroaniline	8.15	127	92936	13.018	ng	96
34) Hexachlorobutadiene	8.20	225	131103	47.789	ng	98
35) Caprolactam	8.53	113	74950	47.077	ng	# 77
36) 4-Chloro-3-methylphenol	8.65	107	249416	50.969	ng	100
37) 2-Methylnaphthalene	8.79	142	525094	48.714	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	229710	54.012	ng	98
40) Hexachlorocyclopentadiene	8.93	237	33572	14.100	ng	98

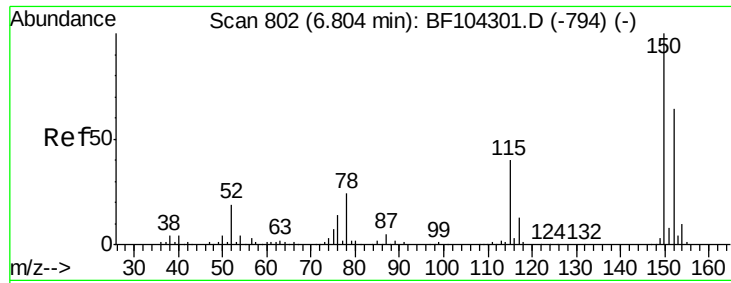
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050218\
 Data File : BF105066.D
 Acq On : 3 May 2018 7:47
 Operator : JU/SJ
 Sample : PB108808BSD
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB108808BSD

Quant Time: May 03 09:00:08 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 02 17:25:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	154997	52.500	ng	99
43) 2,4,5-Trichlorophenol	9.12	196	166399	50.366	ng	99
45) 1,1'-Biphenyl	9.25	154	631285	50.580	ng	98
46) 2-Chloronaphthalene	9.28	162	490165	49.721	ng	98
47) 2-Nitroaniline	9.39	65	138301	56.728	ng	84
48) Acenaphthylene	9.69	152	716132	46.299	ng	100
49) Dimethylphthalate	9.55	163	588481	50.229	ng	100
50) 2,6-Dinitrotoluene	9.63	165	129178	59.586	ng	# 82
51) Acenaphthene	9.87	154	420804	44.589	ng	99
52) 3-Nitroaniline	9.79	138	52014	20.494	ng	96
53) 2,4-Dinitrophenol	9.92	184	48808	61.463	ng	# 15
54) Dibenzofuran	10.04	168	617607	46.960	ng	97
55) 4-Nitrophenol	9.97	139	158181	79.342	ng	95
56) 2,4-Dinitrotoluene	10.03	165	150428	52.899	ng	# 95
57) Fluorene	10.38	166	498273	52.051	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	120971	49.080	ng	93
59) Diethylphthalate	10.25	149	553513	47.437	ng	99
60) 4-Chlorophenyl-phenylether	10.37	204	236783	55.540	ng	99
61) 4-Nitroaniline	10.42	138	107248	43.218	ng	92
62) Azobenzene	10.53	77	482754	43.305	ng	93
64) 4,6-Dinitro-2-methylphenol	10.45	198	42445	37.364	ng	# 76
65) n-Nitrosodiphenylamine	10.49	169	447865	52.528	ng	100
66) 4-Bromophenyl-phenylether	10.86	248	139707	53.412	ng	90
67) Hexachlorobenzene	10.93	284	149774	50.889	ng	# 85
68) Atrazine	11.02	200	145473	56.525	ng	99
69) Pentachlorophenol	11.13	266	119085	65.403	ng	94
70) Phenanthrene	11.35	178	661530	48.307	ng	99
71) Anthracene	11.40	178	690802	49.625	ng	99
72) Carbazole	11.56	167	629466	46.275	ng	99
73) Di-n-butylphthalate	11.88	149	824300	49.607	ng	98
74) Fluoranthene	12.54	202	658002	45.989	ng	98
76) Benzidine	12.67	184	432783	112.616	ng	98
77) Pyrene	12.77	202	653926	46.979	ng	99
79) Butylbenzylphthalate	13.40	149	321531	49.032	ng	92
80) Benzo(a)anthracene	14.01	228	591711	52.744	ng	99
81) 3,3'-Dichlorobenzidine	13.97	252	203001	48.531	ng	98
82) Chrysene	14.05	228	560262	48.620	ng	98
83) Bis(2-ethylhexyl)phthalate	13.98	149	453405	53.754	ng	99
84) Di-n-octyl phthalate	14.67	149	748515	53.110	ng	# 93
85) Indeno(1,2,3-cd)pyrene	17.06	276	421908	43.101	ng	96
87) Benzo(b)fluoranthene	15.14	252	528404	54.805	ng	98
88) Benzo(k)fluoranthene	15.17	252	468626	51.483	ng	99
89) Benzo(a)pyrene	15.52	252	449599	52.117	ng	99
90) Dibenzo(a,h)anthracene	17.07	278	356658	50.338	ng	97
91) Benzo(g,h,i)perylene	17.50	276	341207	49.707	ng	95

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

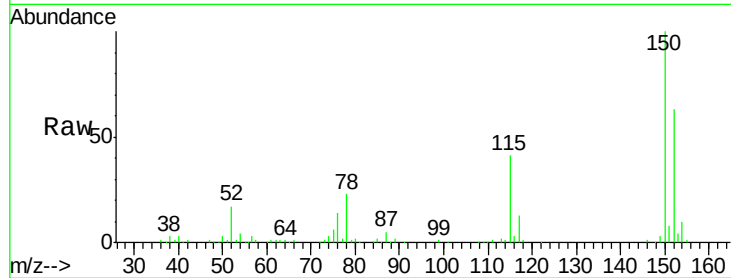


#1

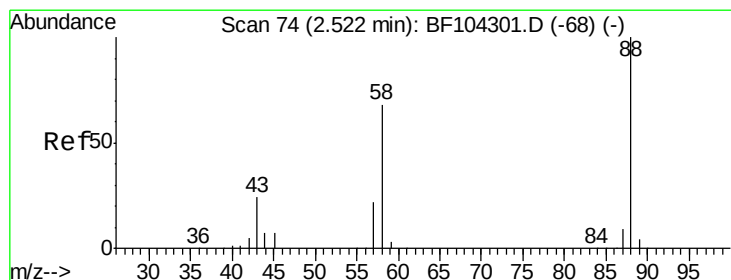
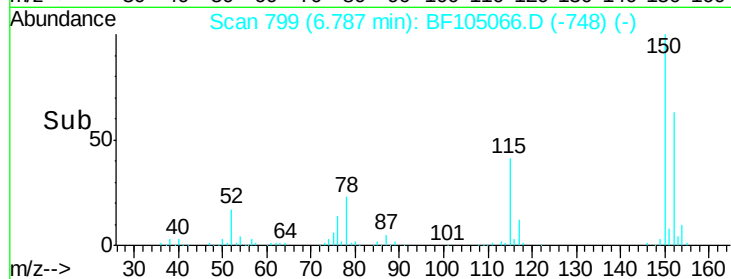
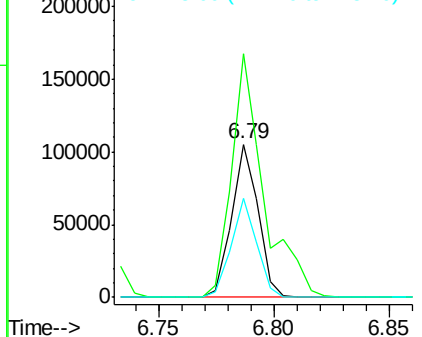
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF105066.D
Acq: 3 May 2018 7:47

Instrument :
BNA_F
ClientSampleId :
PB108808BSD

Tot Ion:152 Resp: 83605
Ion Ratio Lower Upper
152 100
150 159.3 124.6 186.8
115 64.6 50.1 75.1



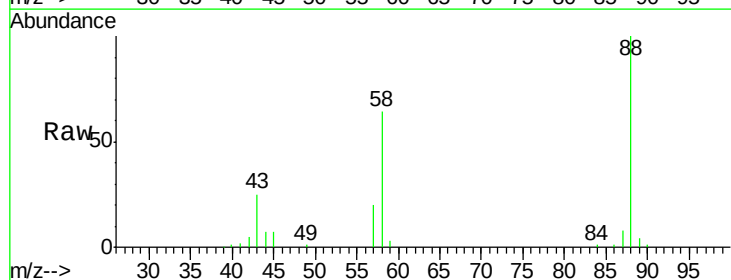
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



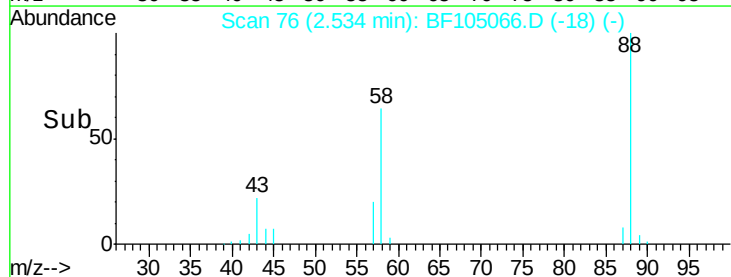
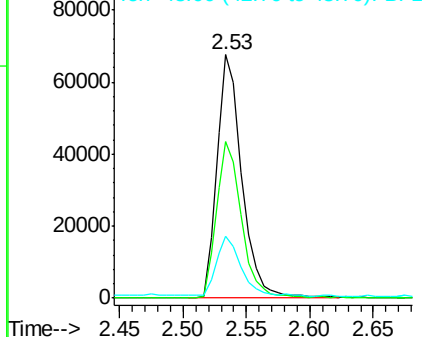
#2

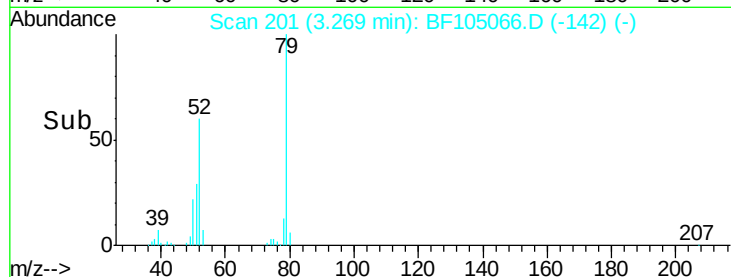
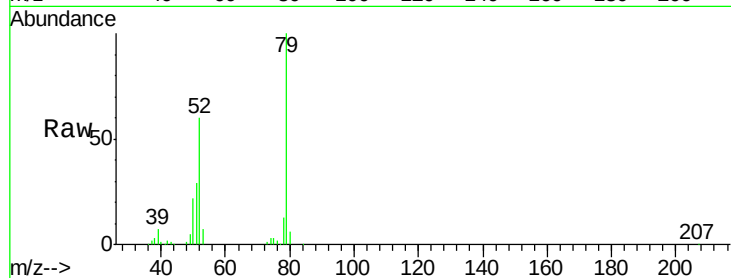
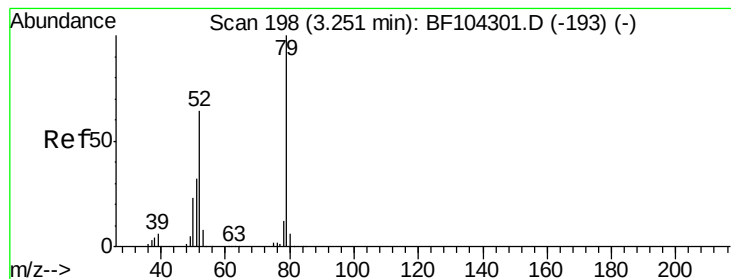
1,4-Dioxane
Concen: 36.393 ng
RT: 2.53 min Scan# 76
Delta R.T. 0.04 min
Lab File: BF105066.D
Acq: 3 May 2018 7:47

Tgt Ion: 88 Resp: 92721
Ion Ratio Lower Upper
88 100
58 64.5 62.6 93.8
43 24.6 24.6 37.0#



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





#3

Pvridine

Concen: 37.204 ng

RT: 3.27 min Scan# 201

Delta R.T. 0.05 min

Lab File: BF105066.D

Acq: 3 May 2018 7:47

Instrument :

BNA_F

ClientSampleId :

PB108808BSD

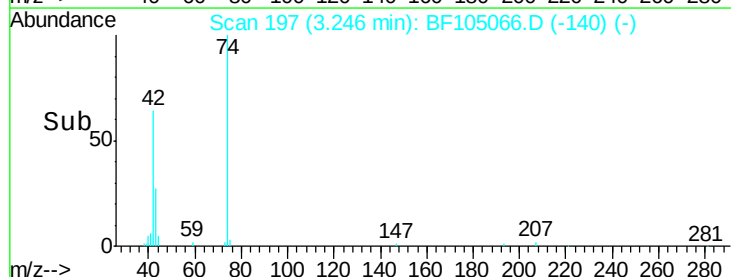
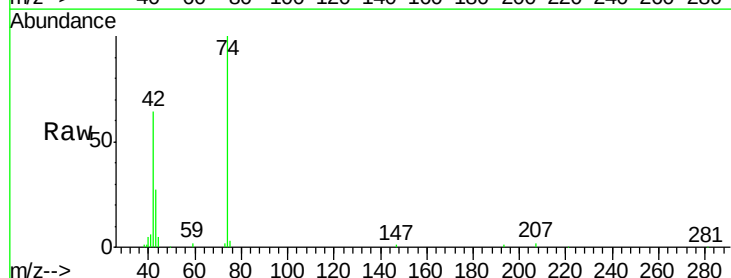
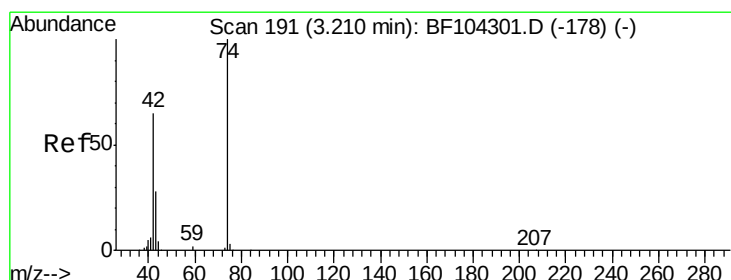
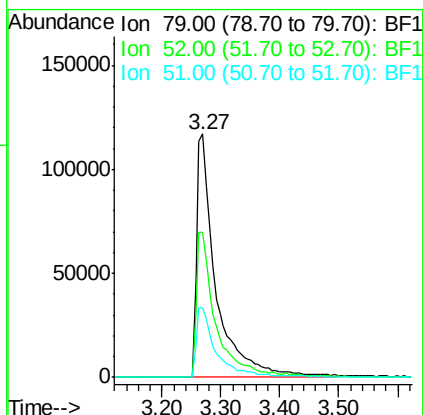
Tot Ion: 79 Resp: 266496

Ion Ratio Lower Upper

79 100

52 59.8 59.8 89.6

51 28.7 29.8 44.8#



#4

n-Nitrosodimethylamine

Concen: 40.312 ng

RT: 3.25 min Scan# 197

Delta R.T. 0.04 min

Lab File: BF105066.D

Acq: 3 May 2018 7:47

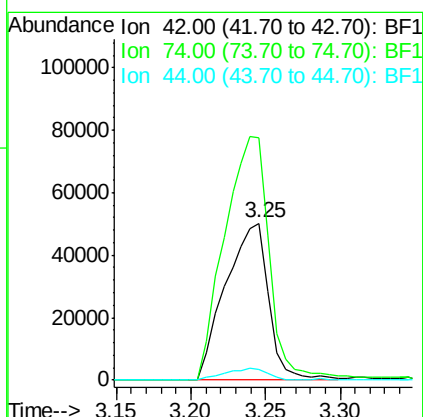
Tgt Ion: 42 Resp: 100940

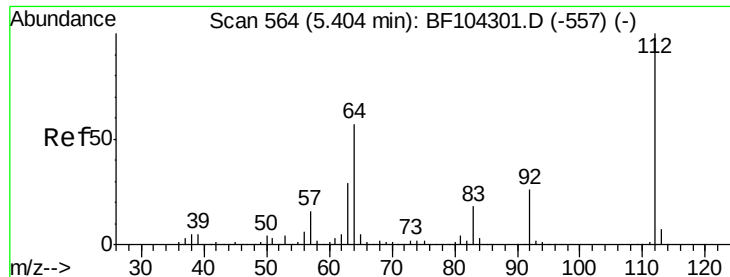
Ion Ratio Lower Upper

42 100

74 155.0 104.9 157.3

44 7.2 6.9 10.3





#5

2-Fluorophenol

Concen: 95.155 ng

RT: 5.40 min Scan# 564

Delta R.T. -0.00 min

Lab File: BF105066.D

Acq: 3 May 2018 7:47

Instrument :

BNA_F

ClientSampleId :

PB108808BSD

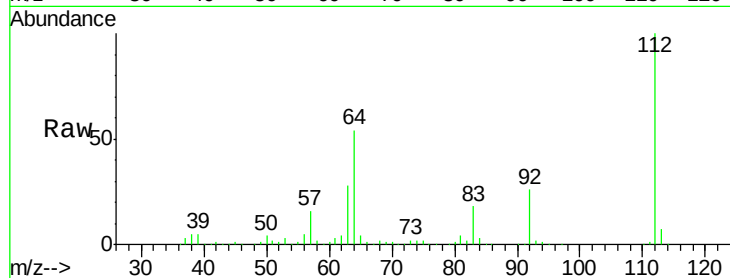
Tot Ion: 112 Resp: 520285

Ion Ratio Lower Upper

112 100

64 53.6 47.9 71.9

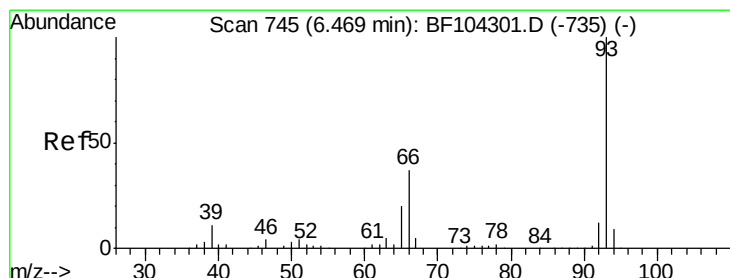
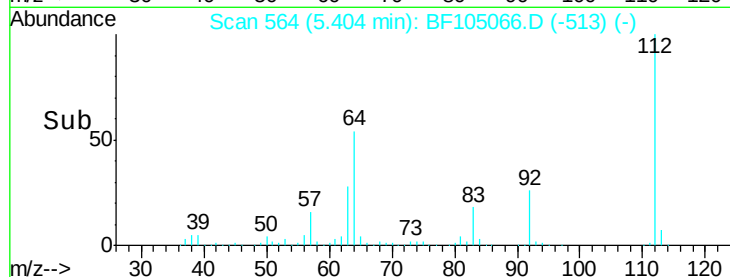
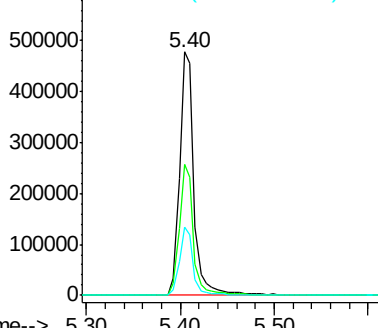
63 27.8 23.7 35.5



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: 22.596 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF105066.D

Acq: 3 May 2018 7:47

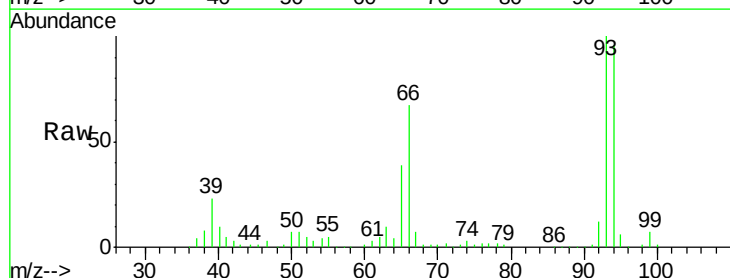
Tgt Ion: 93 Resp: 210898

Ion Ratio Lower Upper

93 100

66 66.9 32.2 48.2#

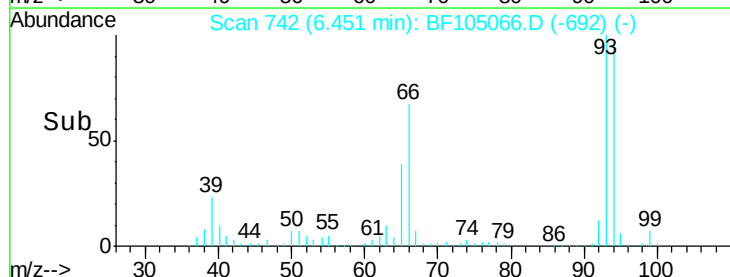
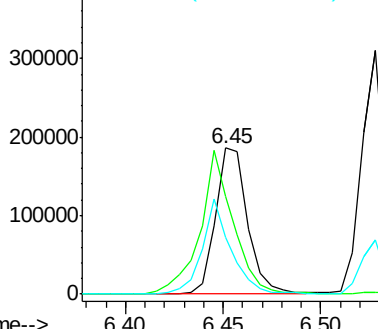
65 39.3 16.4 24.6#

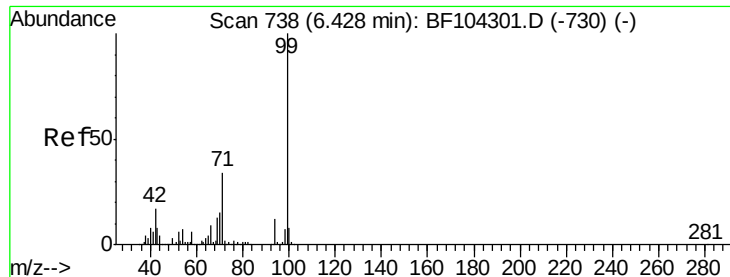


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 93.328 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF105066.D

Acq: 3 May 2018 7:47

Instrument :

BNA_F

ClientSampleId :

PB108808BSD

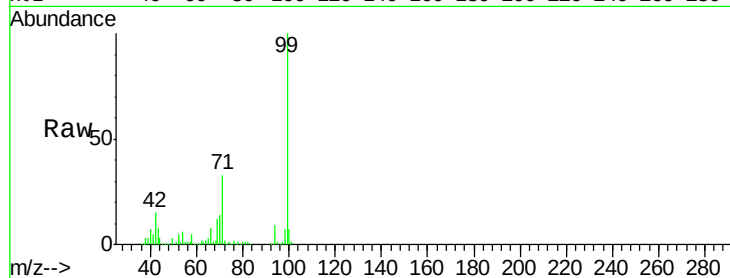
Tot Ion: 99 Resp: 626985

Ion Ratio Lower Upper

99 100

42 15.0 14.5 21.7

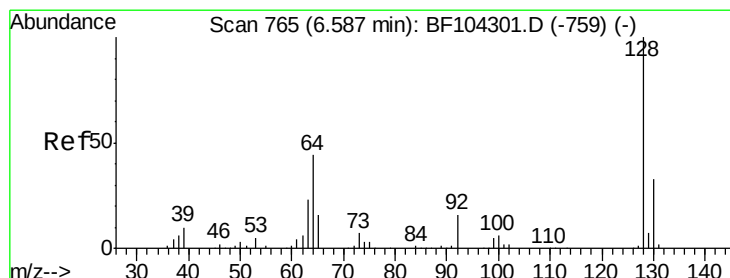
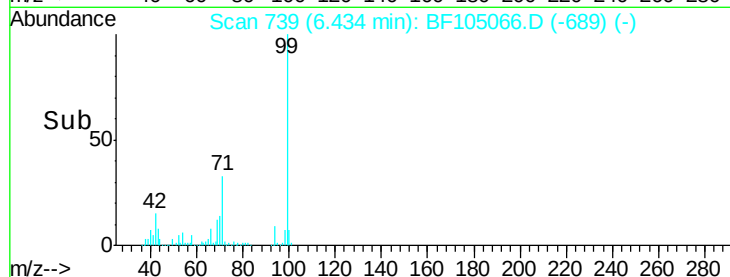
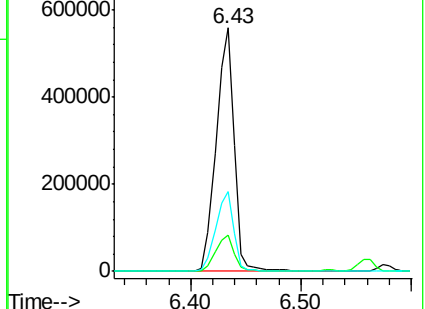
71 32.8 25.4 38.0



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: 49.788 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF105066.D

Acq: 3 May 2018 7:47

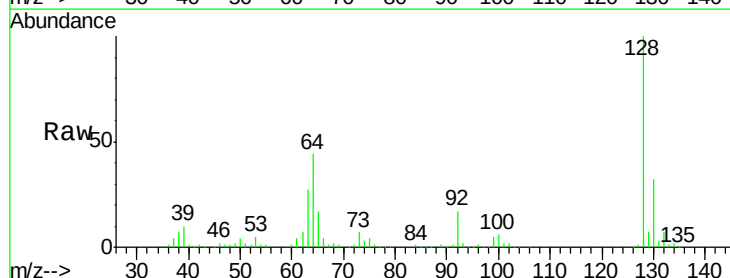
Tgt Ion: 128 Resp: 287331

Ion Ratio Lower Upper

128 100

130 31.8 13.0 53.0

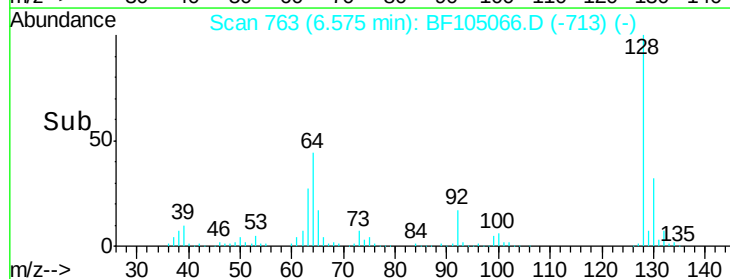
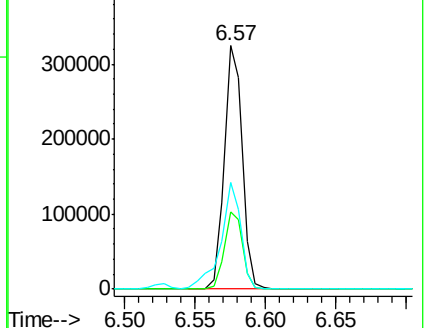
64 43.9 29.4 69.4

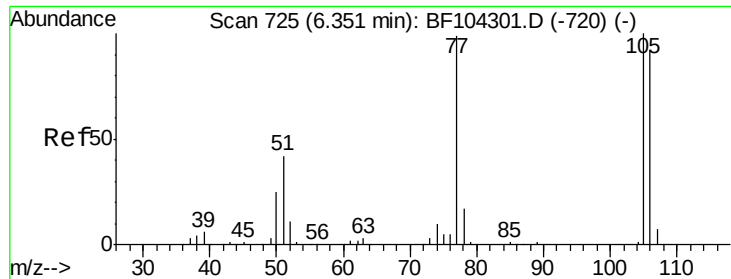


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

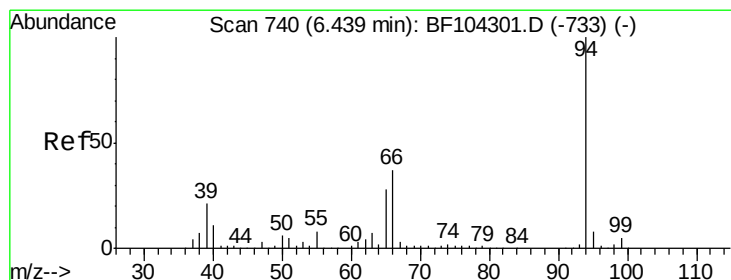
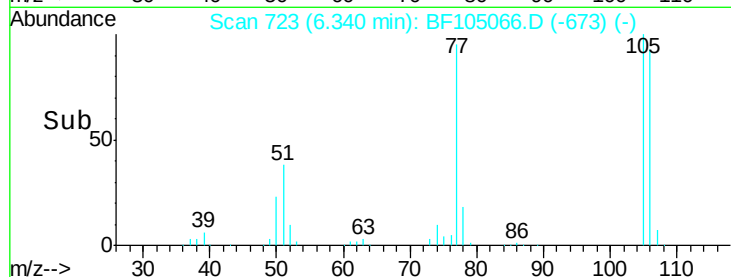
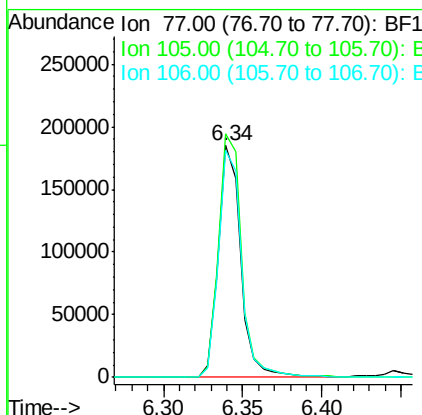
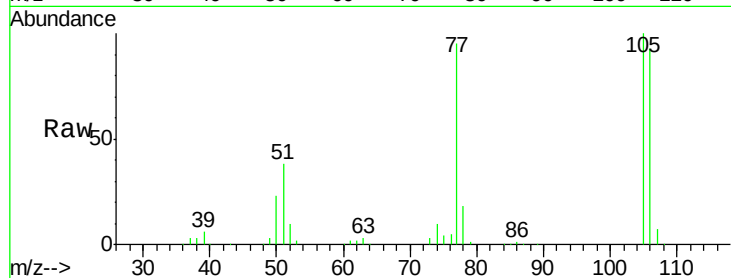




#9
Benzaldehyde
Concen: 69.240 ng
RT: 6.34 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF105066.D
Acq: 3 May 2018 7:47

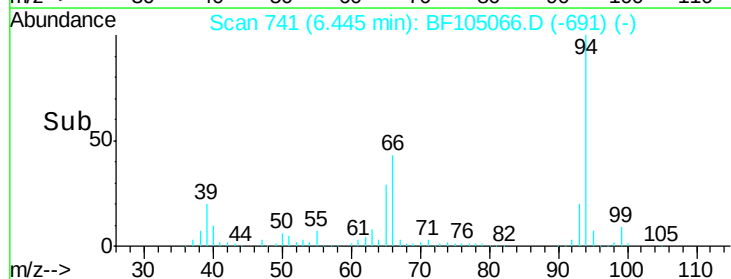
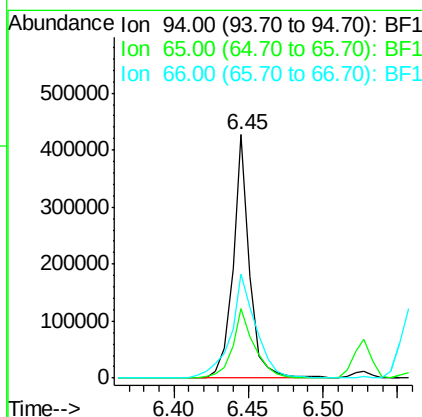
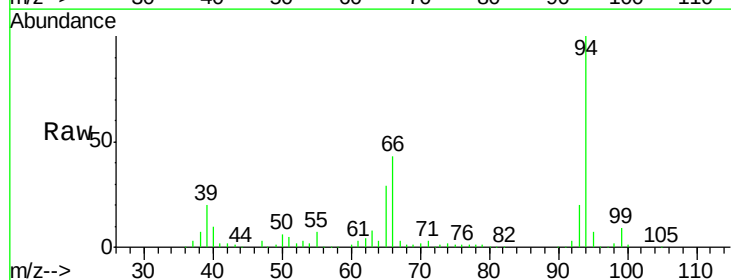
Instrument :
BNA_F
ClientSampleId :
PB108808BSD

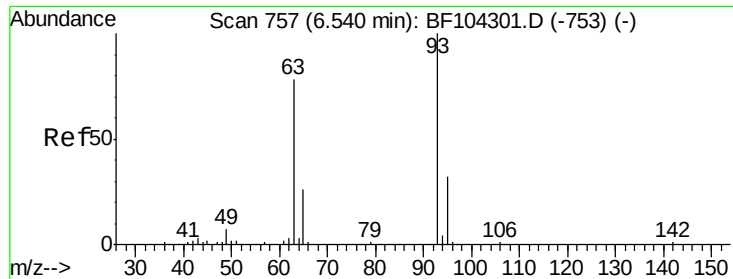
Tot Ion: 77 Resp: 181736
Ion Ratio Lower Upper
77 100
105 105.0 81.1 121.1
106 97.6 74.5 114.5



#10
Phenol
Concen: 46.966 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF105066.D
Acq: 3 May 2018 7:47

Tgt Ion: 94 Resp: 334780
Ion Ratio Lower Upper
94 100
65 28.5 7.9 47.9
66 42.8 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 44.927 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF105066.D

Acq: 3 May 2018 7:47

Instrument :

BNA_F

ClientSampleId :

PB108808BSD

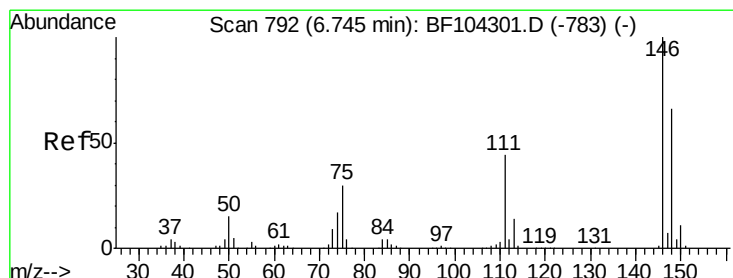
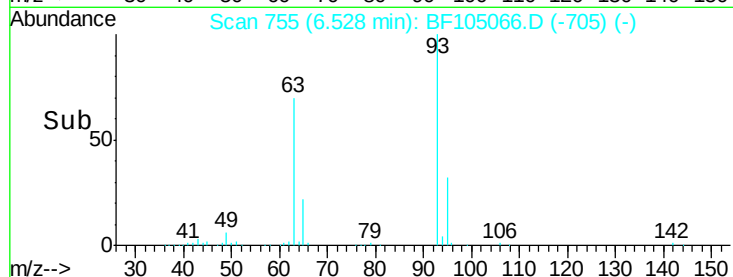
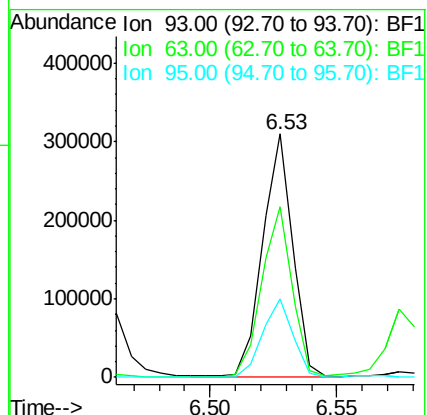
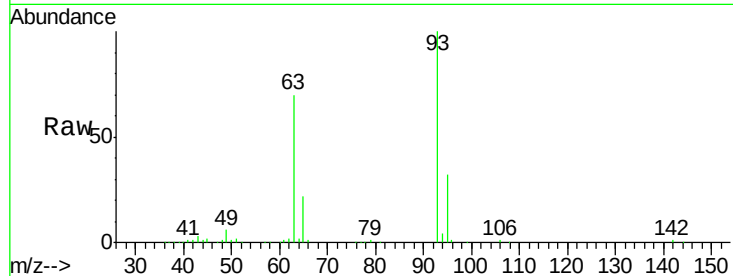
Tot Ion: 93 Resp: 255561

Ion Ratio Lower Upper

93 100

63 70.0 58.6 98.6

95 32.5 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 45.545 ng

RT: 6.73 min Scan# 789

Delta R.T. -0.00 min

Lab File: BF105066.D

Acq: 3 May 2018 7:47

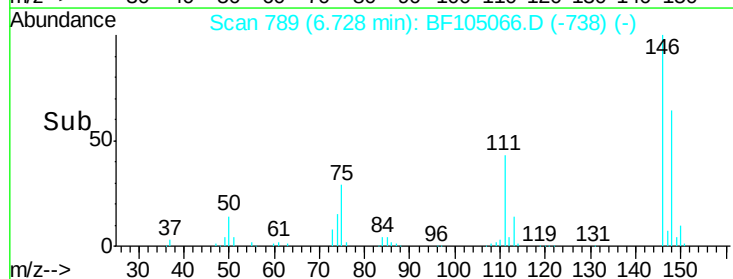
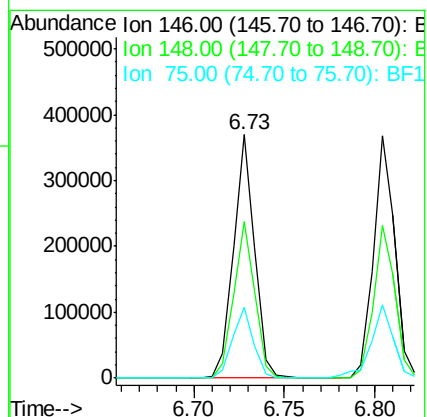
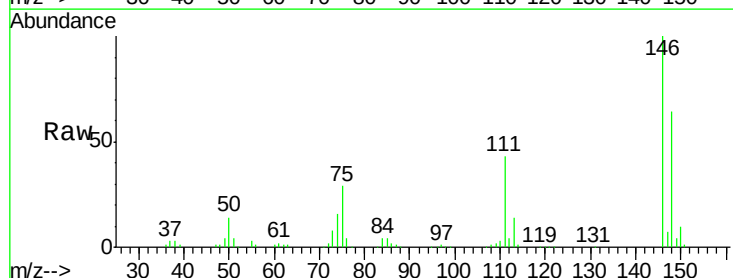
Tgt Ion: 146 Resp: 297770

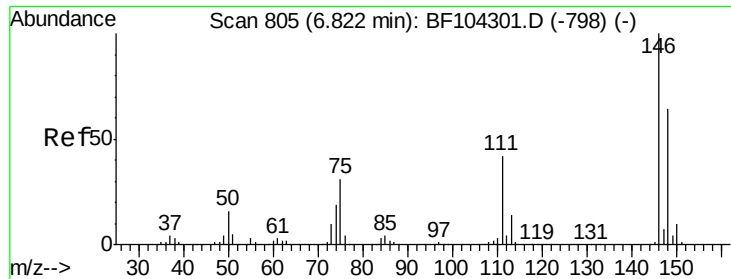
Ion Ratio Lower Upper

146 100

148 64.4 51.8 77.8

75 29.1 24.2 36.4

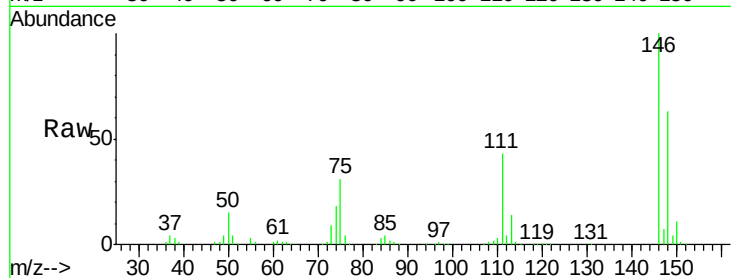




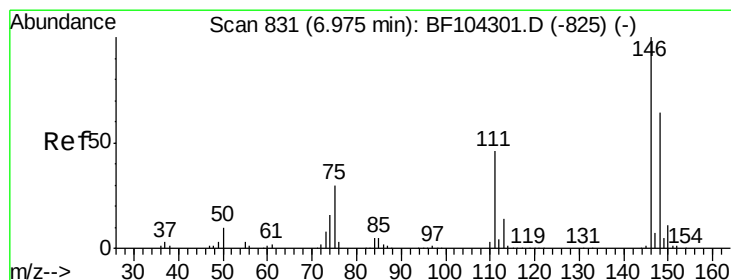
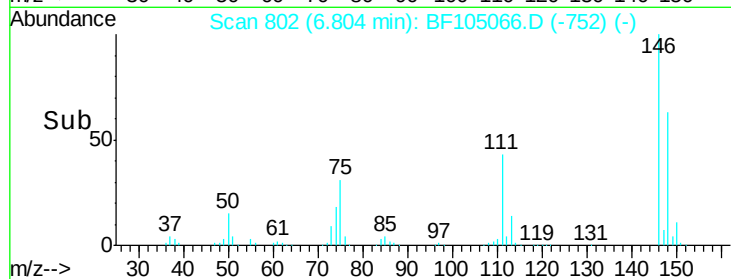
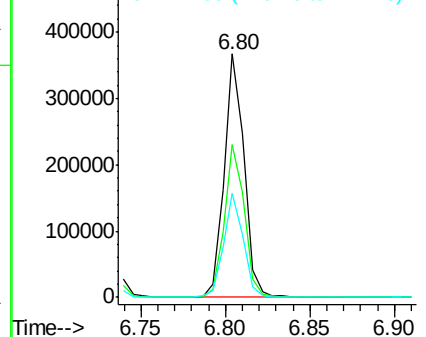
#13
 1,4-Dichlorobenzene
 Concen: 46.312 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF105066.D
 Acq: 3 May 2018 7:47

Instrument :
 BNA_F
 ClientSampleId :
 PB108808BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.8	76.2
111	42.8	34.2	51.2

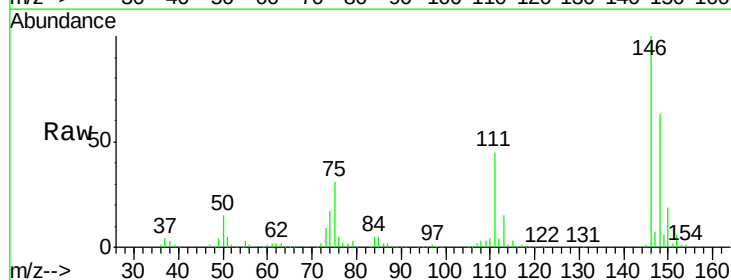


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

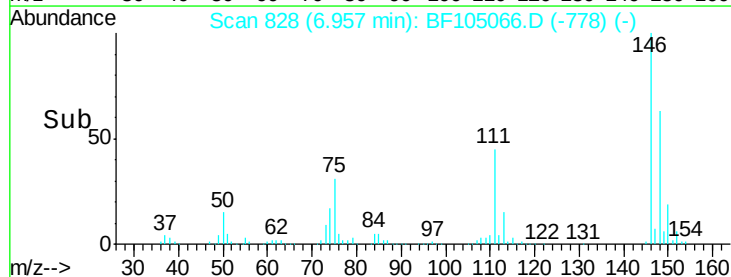
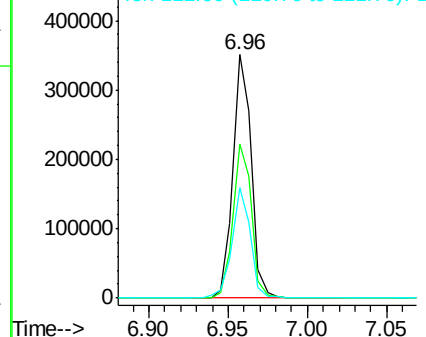


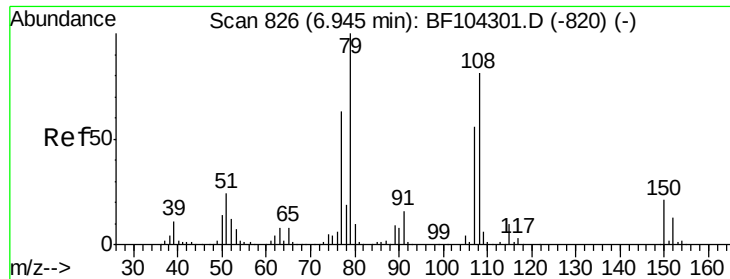
#14
 1,2-Dichlorobenzene
 Concen: 46.554 ng
 RT: 6.96 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF105066.D
 Acq: 3 May 2018 7:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.6	75.8
111	45.1	36.0	54.0



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

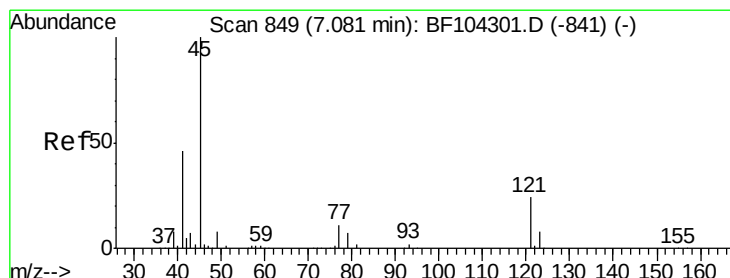
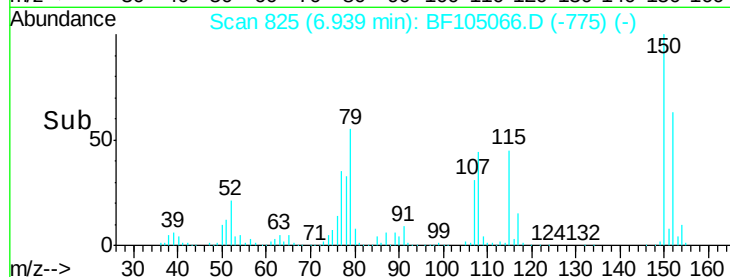
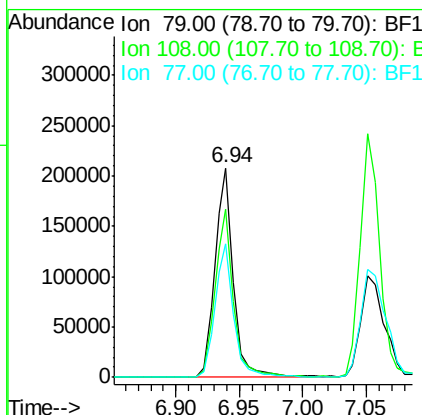
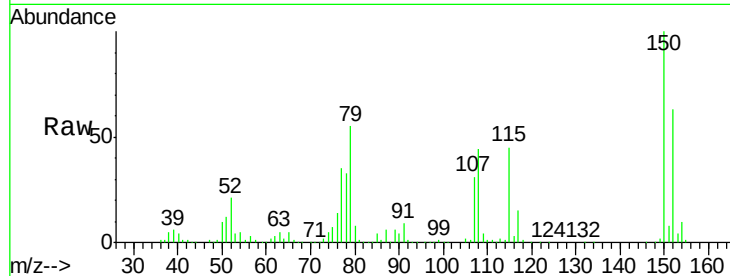




#15
Benzyl Alcohol
Concen: 42.221 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF105066.D
Acq: 3 May 2018 7:47

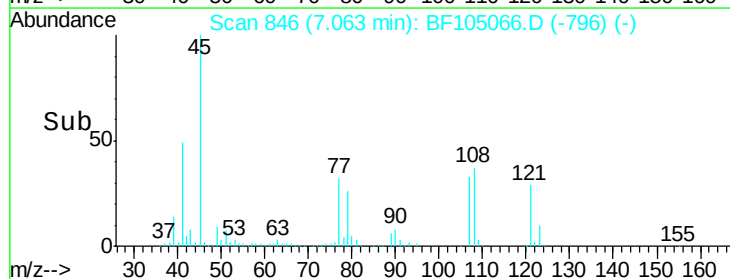
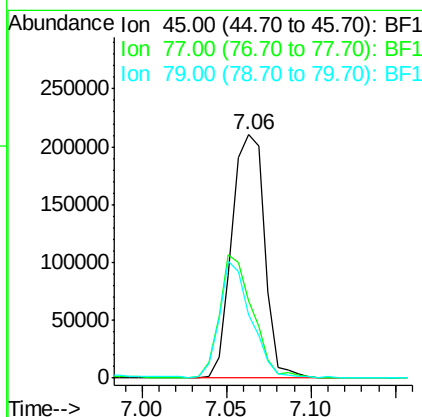
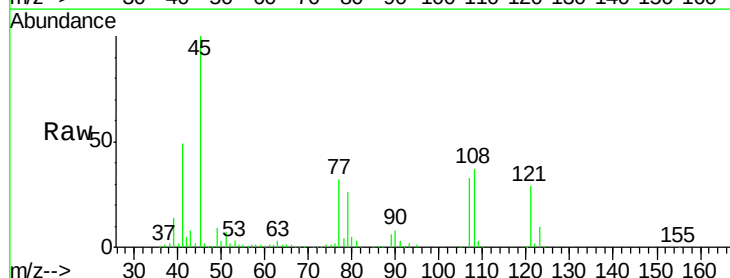
Instrument :
BNA_F
ClientSampleId :
PB108808BSD

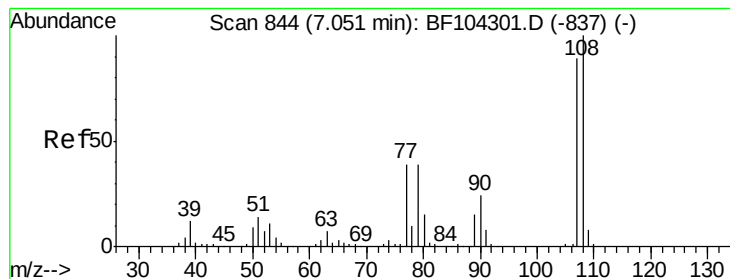
Tot Ion: 79 Resp: 215434
Ion Ratio Lower Upper
79 100
108 80.4 65.1 97.7
77 63.5 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 37.170 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF105066.D
Acq: 3 May 2018 7:47

Tgt Ion: 45 Resp: 283947
Ion Ratio Lower Upper
45 100
77 31.8 0.0 32.9
79 25.9 0.0 29.6

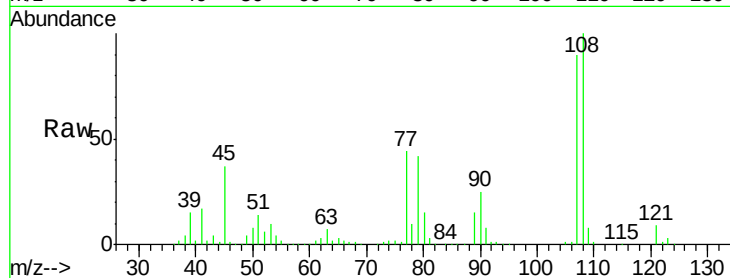




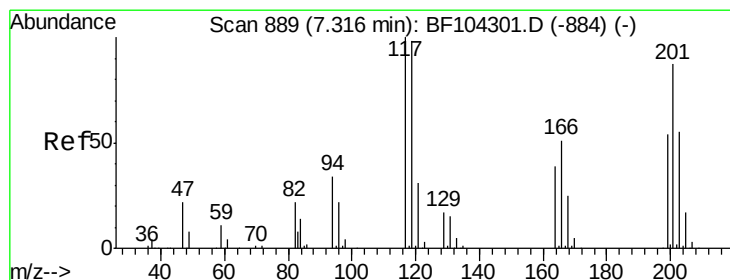
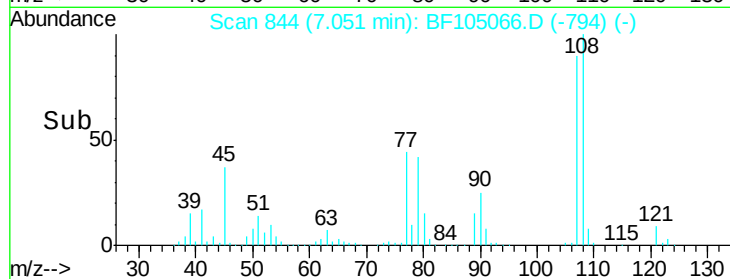
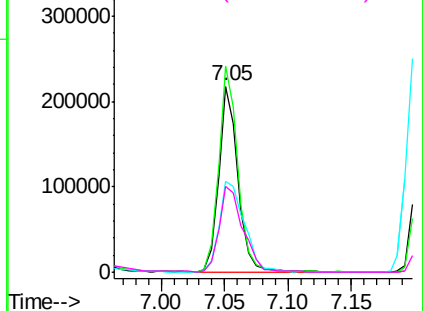
#17
2-Methylphenol
Concen: 45.829 ng
RT: 7.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF105066.D
Acq: 3 May 2018 7:47

Instrument :
BNA_F
ClientSampleId :
PB108808BSD

Tot Ion:	107	Resp:	229902
Ion	Ratio	Lower	Upper
107	100		
108	110.8	91.7	137.5
77	49.0	33.8	50.8
79	46.2	33.8	50.8

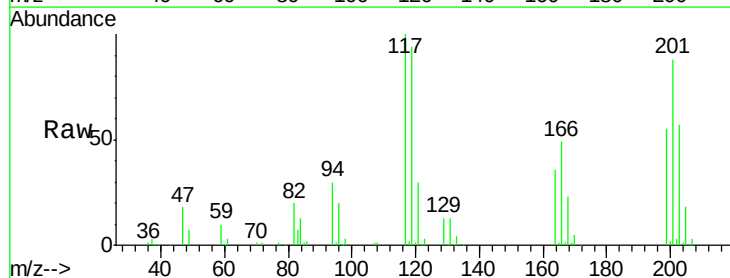


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

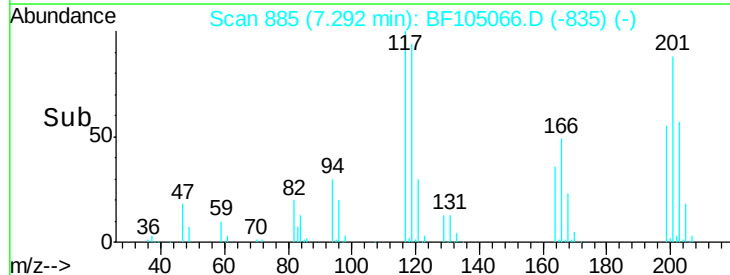
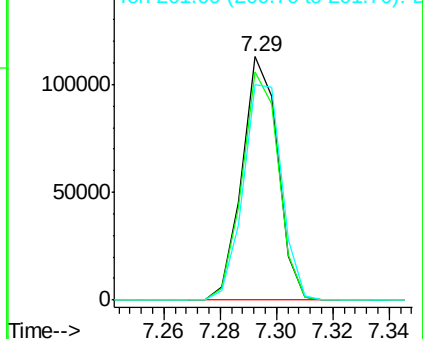


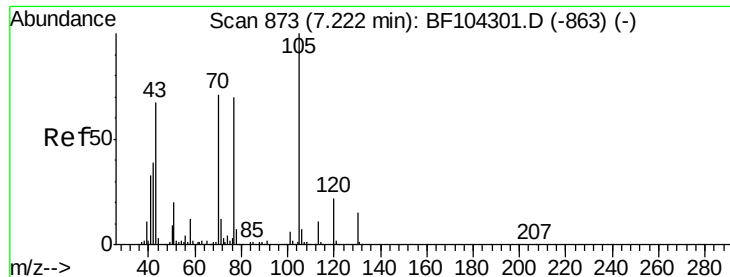
#18
Hexachloroethane
Concen: 42.735 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF105066.D
Acq: 3 May 2018 7:47

Tgt Ion:	117	Resp:	99302
Ion	Ratio	Lower	Upper
117	100		
119	93.5	75.8	113.8
201	88.4	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

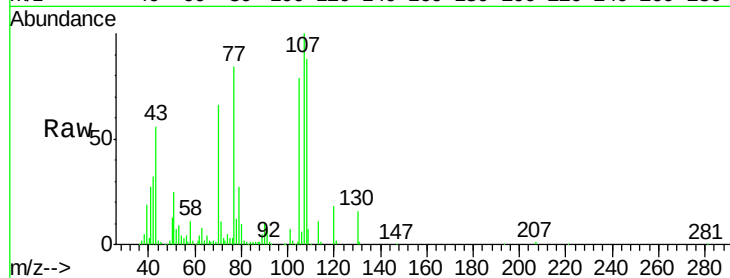




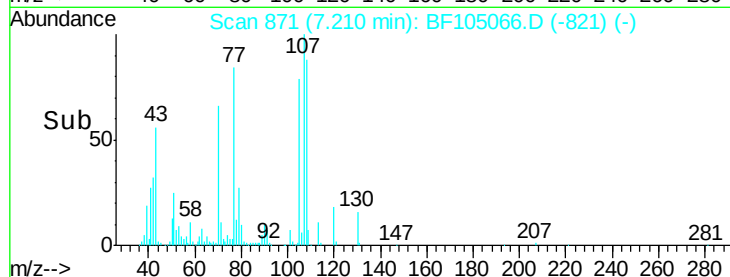
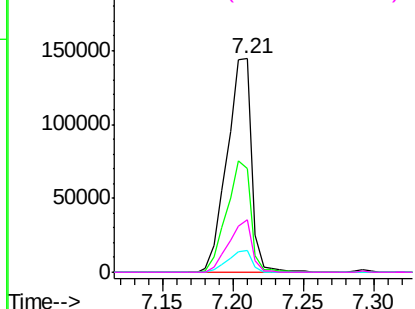
#19
n-Nitroso-di-n-propylamine
Concen: 39.734 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF105066.D
Acq: 3 May 2018 7:47

Instrument :
BNA_F
ClientSampleId :
PB108808BSD

Tot Ion: 70 Resp: 174433
Ion Ratio Lower Upper
70 100
42 48.3 47.5 71.3
101 10.2 7.4 11.2
130 24.4 16.6 25.0



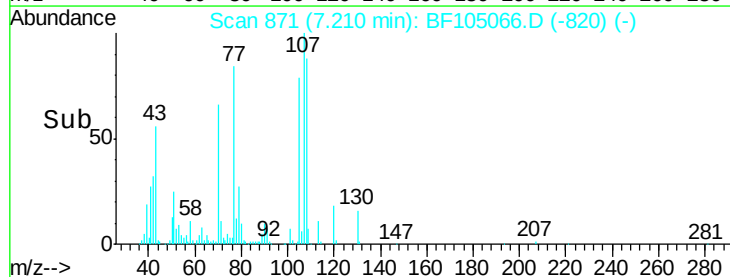
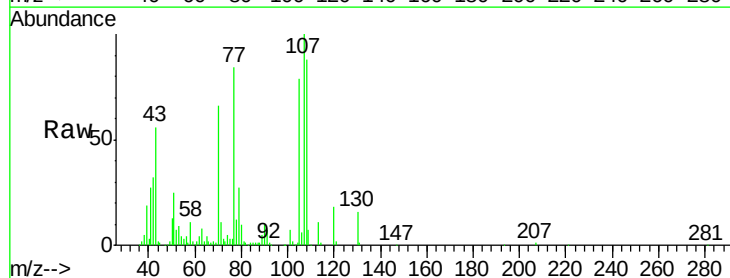
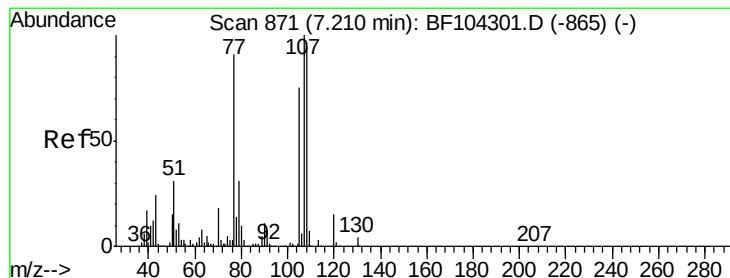
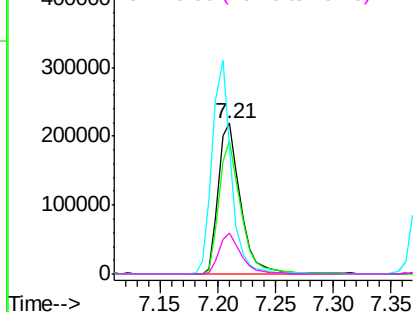
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

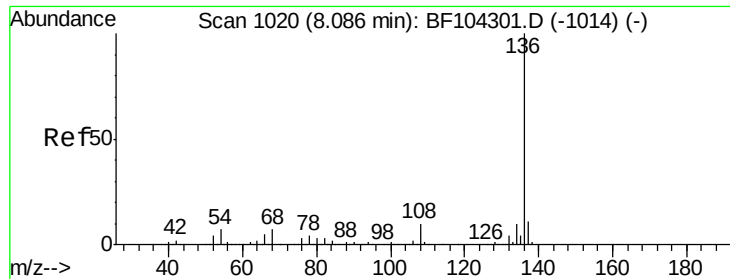


#20
3+4-Methylphenols
Concen: 46.419 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF105066.D
Acq: 3 May 2018 7:47

Tgt Ion: 107 Resp: 288800
Ion Ratio Lower Upper
107 100
108 88.3 68.2 108.2
77 84.2 26.7 66.7#
79 27.0 6.3 46.3

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BF105066.D

Acq: 3 May 2018 7:47

Instrument :

BNA_F

ClientSampleId :

PB108808BSD

Tot Ion:136 Resp: 334659

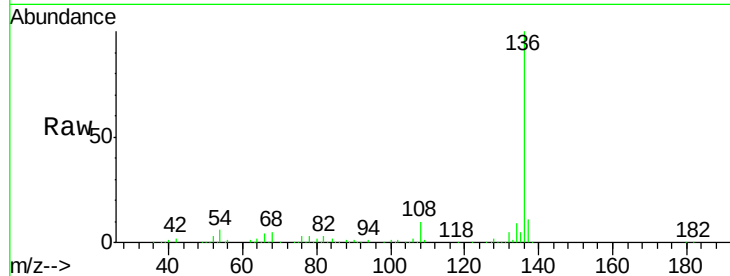
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 5.8 6.6 9.8#

68 5.3 5.0 7.4

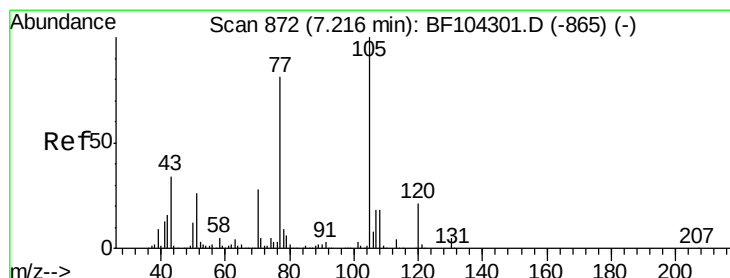
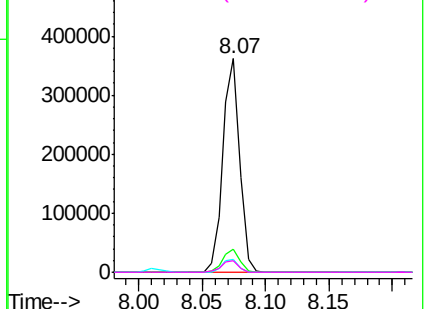
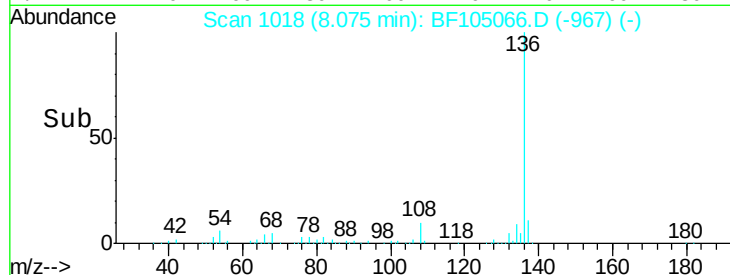


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 45.359 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF105066.D

Acq: 3 May 2018 7:47

Tgt Ion:105 Resp: 373719

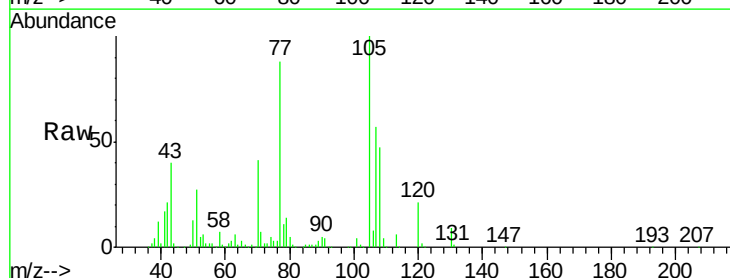
Ion Ratio Lower Upper

105 100

71 6.9 4.4 6.6#

51 26.7 22.3 33.5

120 21.1 16.9 25.3

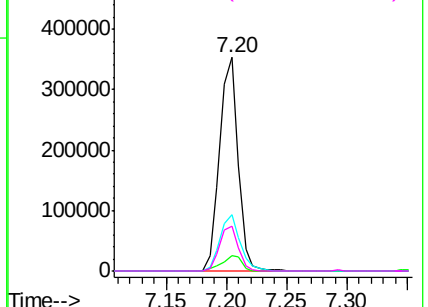
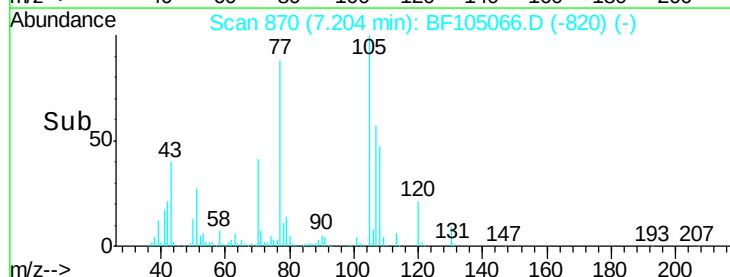


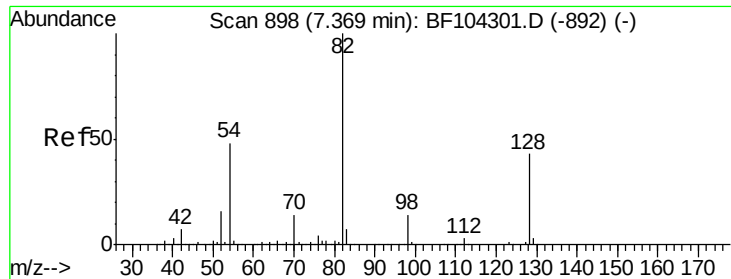
Abundance Ion 105.00 (104.70 to 105.70): E

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

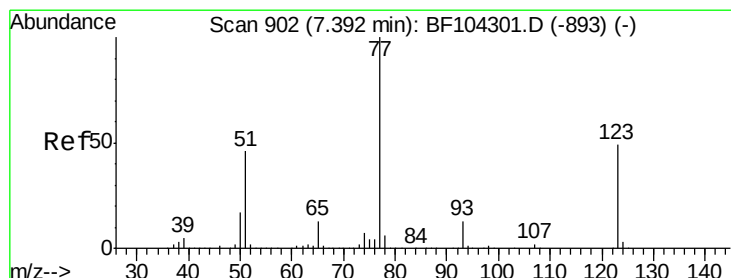
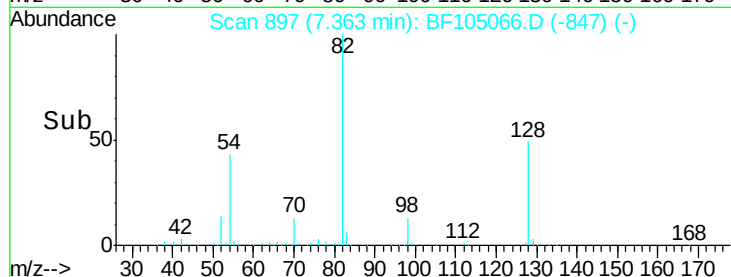
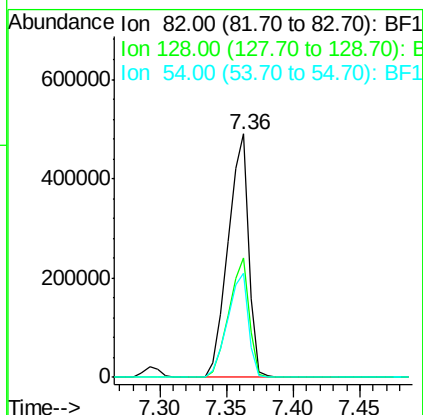
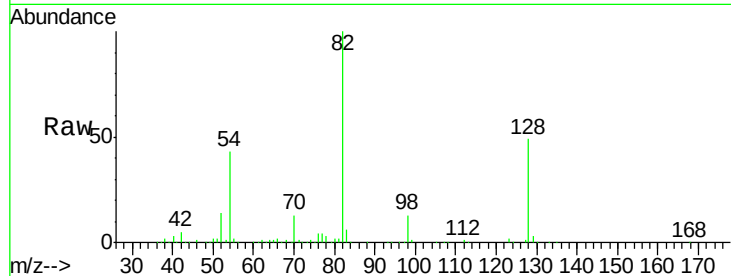




#23
 Nitrobenzene-d5
 Concen: 104.938 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF105066.D
 Acq: 3 May 2018 7:47

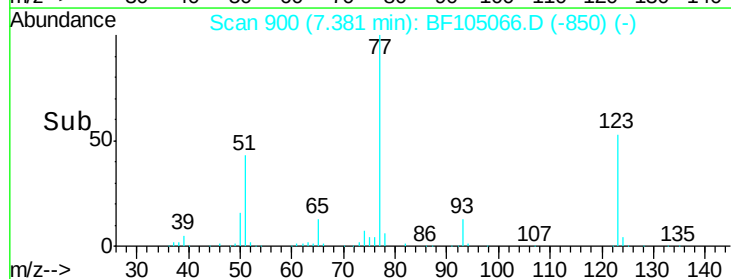
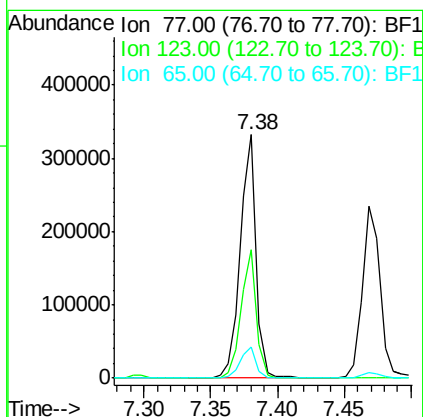
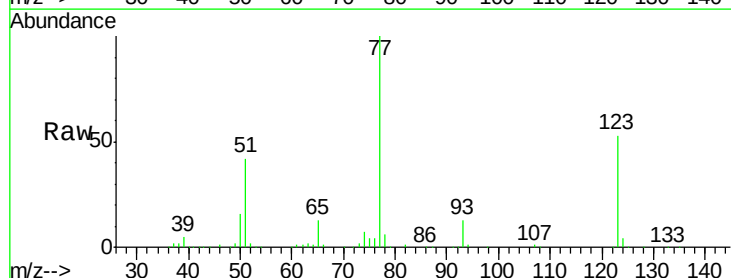
Instrument :
 BNA_F
 ClientSampleId :
 PB108808BSD

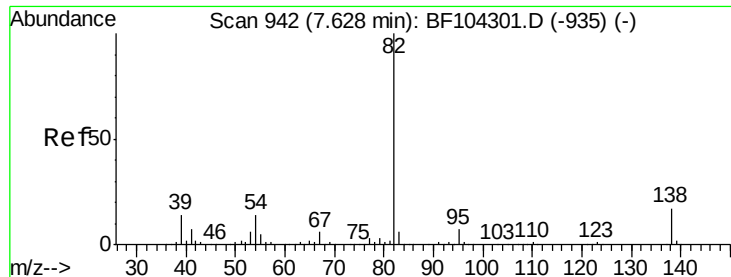
Tot Ion	82	Resp	537819
Ion Ratio	Lower	Upper	
82	100		
128	49.0	36.1	54.1
54	42.8	41.4	62.2



#24
 Nitrobenzene
 Concen: 48.980 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF105066.D
 Acq: 3 May 2018 7:47

Tgt Ion	77	Resp	277153
Ion Ratio	Lower	Upper	
77	100		
123	52.9	37.9	56.9
65	12.8	11.0	16.4

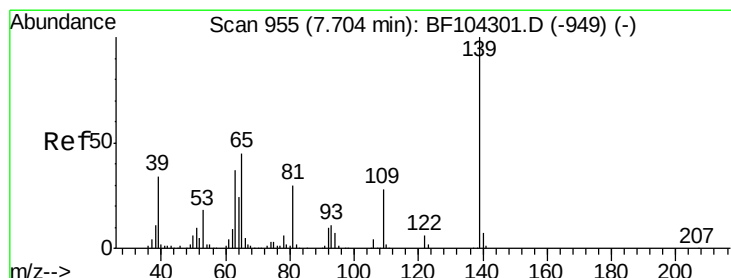
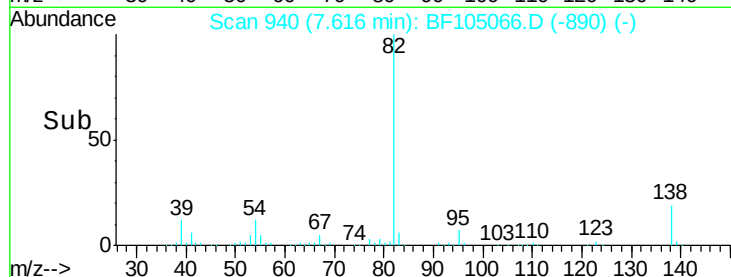
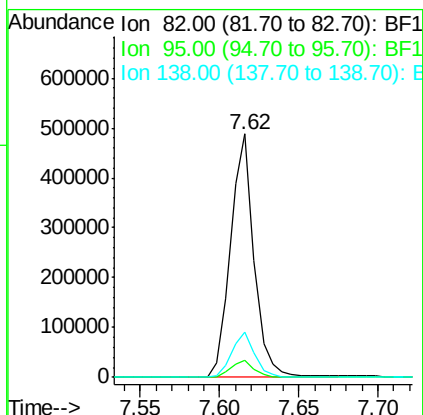
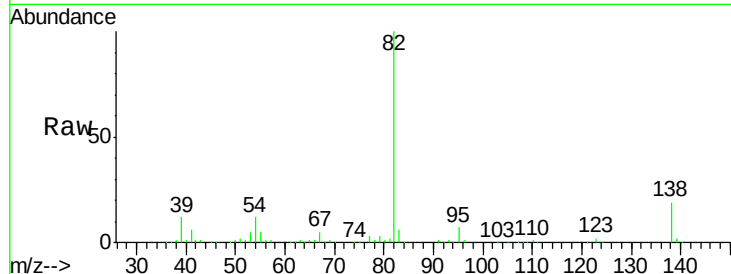




#25
Isophorone
Concen: 46.423 ng
RT: 7.62 min Scan# 940
Delta R.T. -0.01 min
Lab File: BF105066.D
Acq: 3 May 2018 7:47

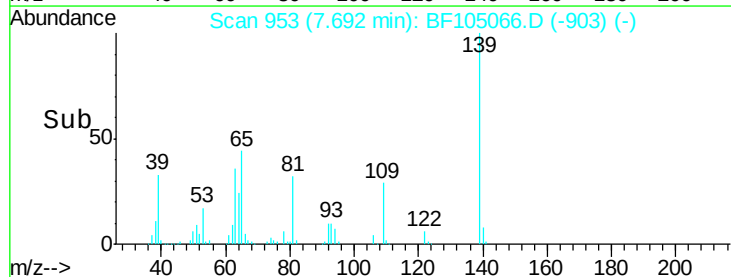
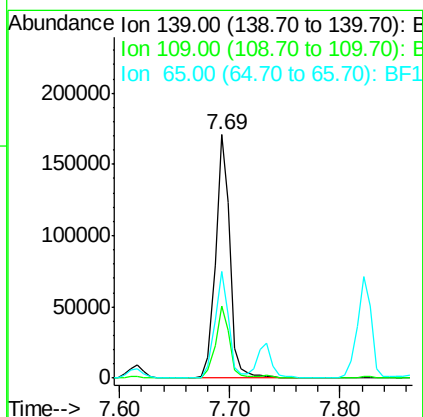
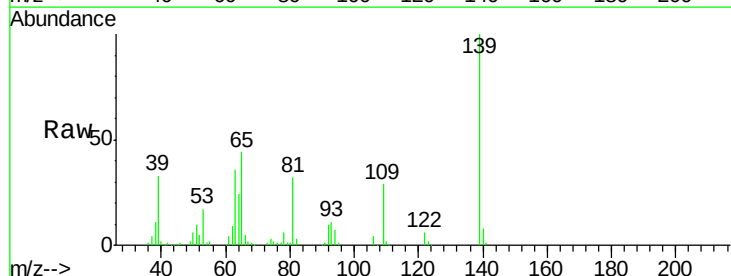
Instrument :
BNA_F
ClientSampleId :
PB108808BSD

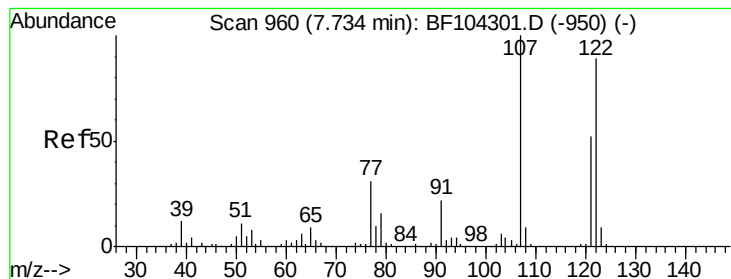
Tot Ion: 82 Resp: 503120
Ion Ratio Lower Upper
82 100
95 7.1 5.2 7.8
138 18.8 14.9 22.3



#26
2-Nitrophenol
Concen: 65.858 ng
RT: 7.69 min Scan# 953
Delta R.T. -0.01 min
Lab File: BF105066.D
Acq: 3 May 2018 7:47

Tgt Ion: 139 Resp: 151708
Ion Ratio Lower Upper
139 100
109 29.4 22.7 34.1
65 43.9 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 51.316 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.00 min

Lab File: BF105066.D

Acq: 3 May 2018 7:47

Instrument :

BNA_F

ClientSampleId :

PB108808BSD

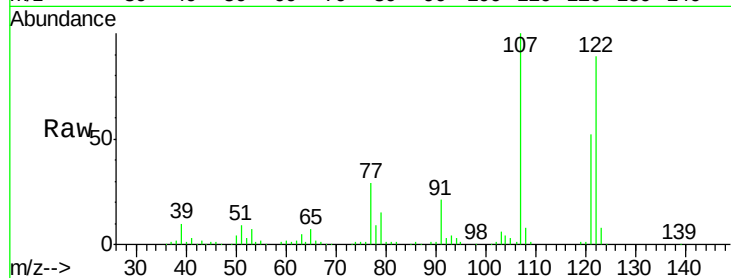
Tot Ion:122 Resp: 245448

Ion Ratio Lower Upper

122 100

107 112.1 91.2 136.8

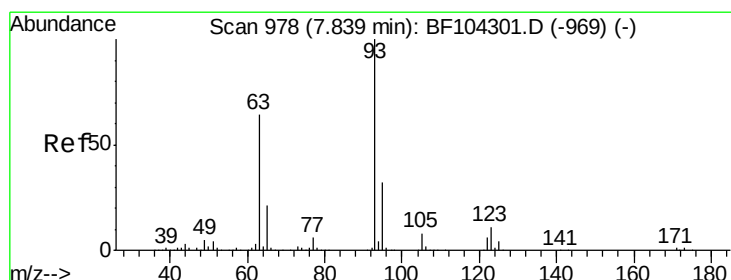
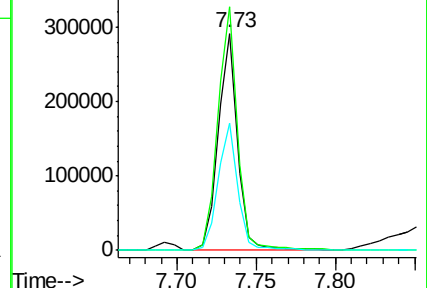
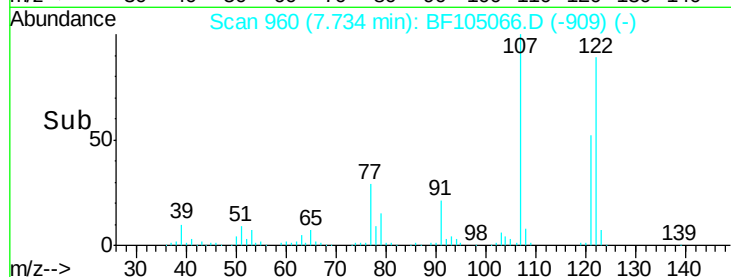
121 58.6 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 49.337 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.01 min

Lab File: BF105066.D

Acq: 3 May 2018 7:47

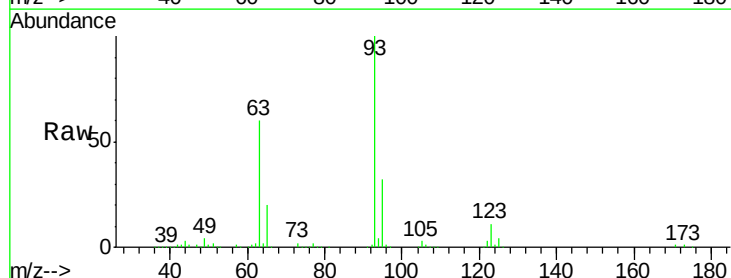
Tgt Ion: 93 Resp: 326924

Ion Ratio Lower Upper

93 100

95 32.5 26.3 39.5

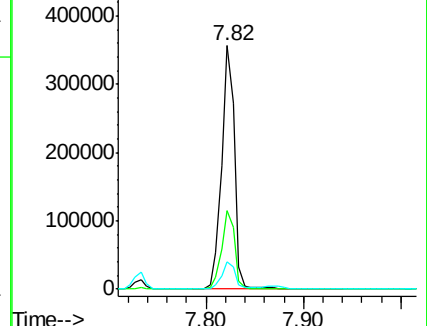
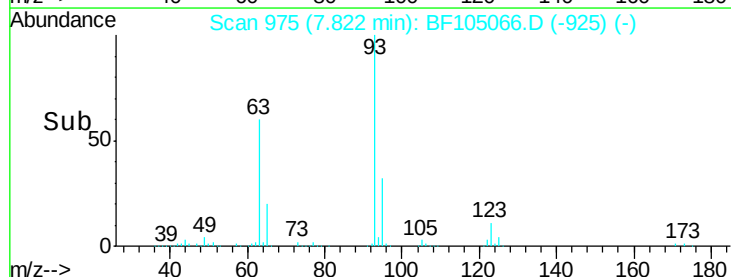
123 11.0 9.8 14.6

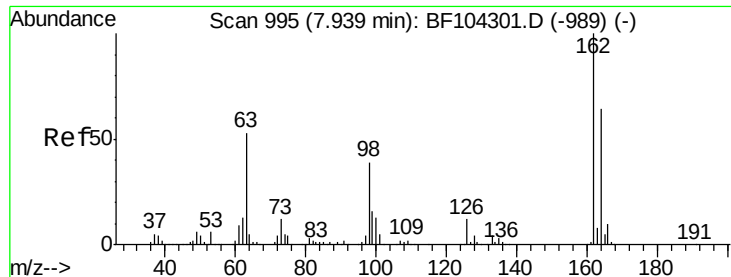


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

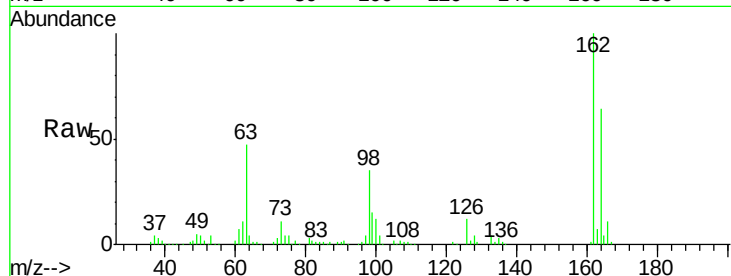




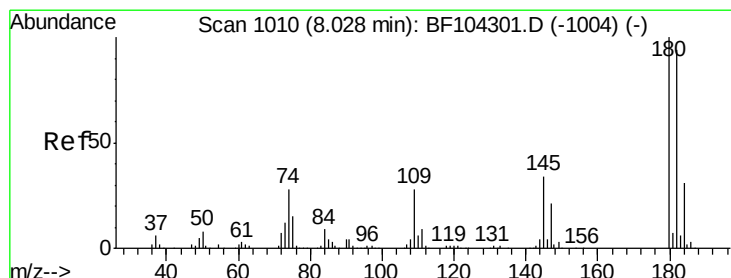
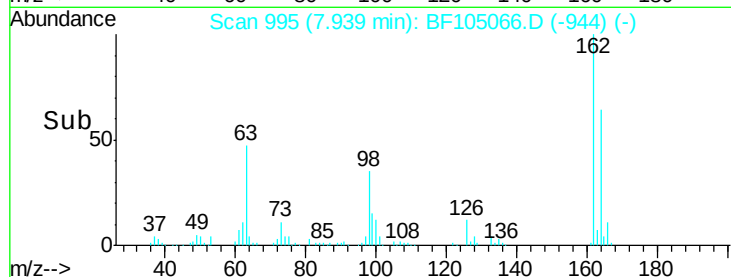
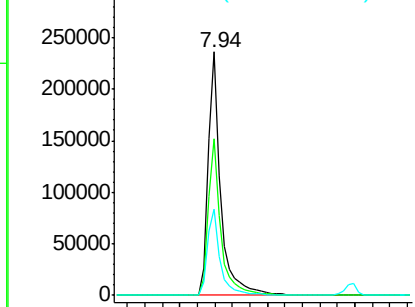
#29
 2,4-Dichlorophenol
 Concen: 51.578 ng
 RT: 7.94 min Scan# 995
 Delta R.T. -0.00 min
 Lab File: BF105066.D
 Acq: 3 May 2018 7:47

Instrument :
 BNA_F
 ClientSampleId :
 PB108808BSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	42.7	82.7
98	35.3	18.1	58.1

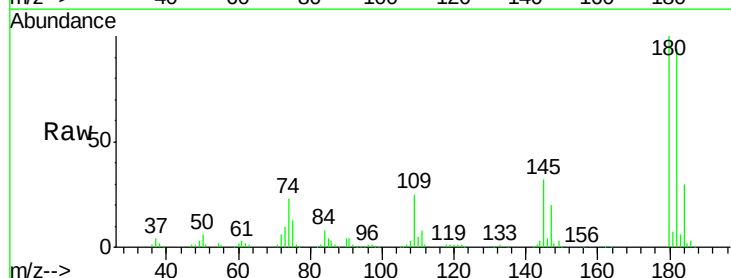


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

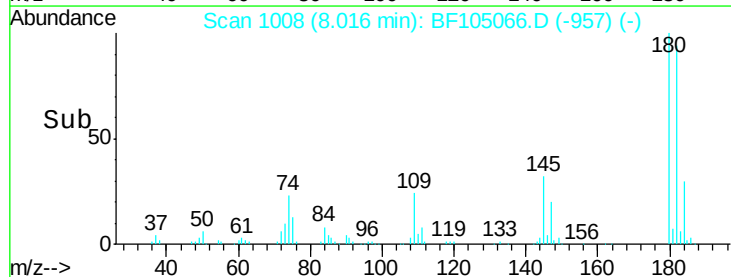
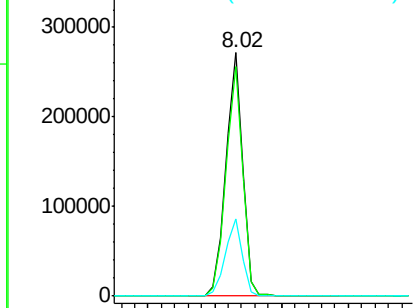


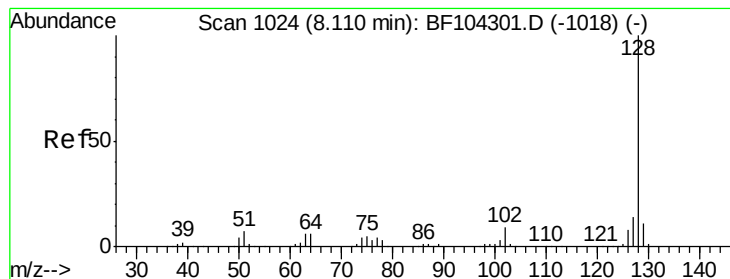
#30
 1,2,4-Trichlorobenzene
 Concen: 48.402 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. -0.00 min
 Lab File: BF105066.D
 Acq: 3 May 2018 7:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	76.8	115.2
145	31.8	26.5	39.7



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





#31

Naphthalene

Concen: 47.448 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BF105066.D

Acq: 3 May 2018 7:47

Instrument :

BNA_F

ClientSampleId :

PB108808BSD

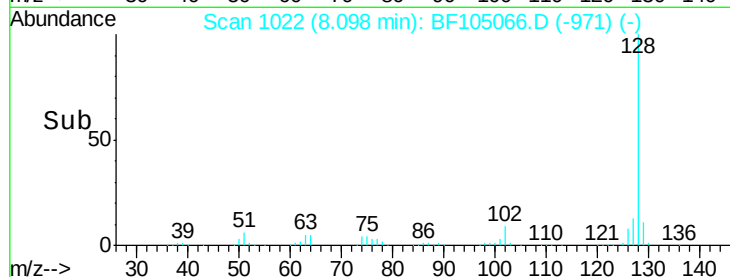
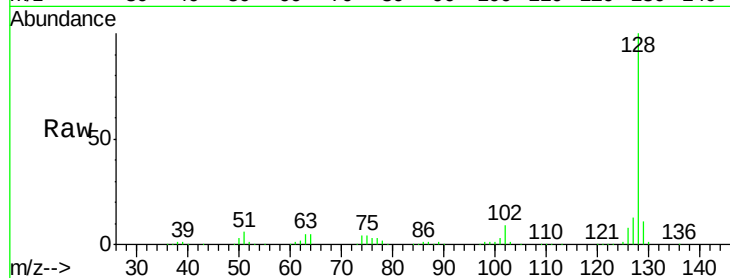
Tot Ion:128 Resp: 790687

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

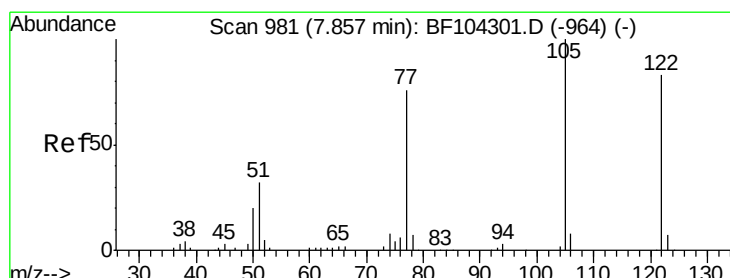
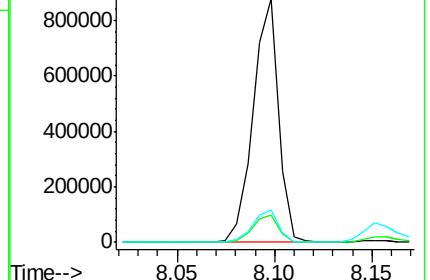
127 13.4 10.9 16.3



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: 29.604 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.02 min

Lab File: BF105066.D

Acq: 3 May 2018 7:47

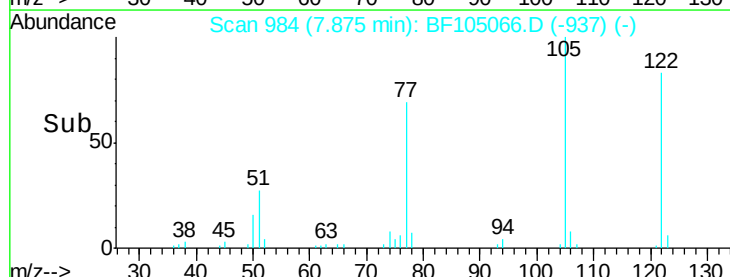
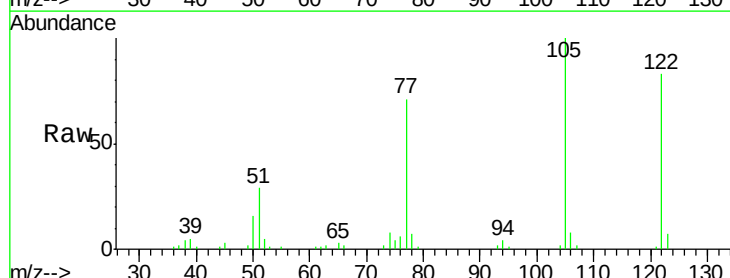
Tgt Ion:122 Resp: 112977

Ion Ratio Lower Upper

122 100

105 120.2 101.1 141.1

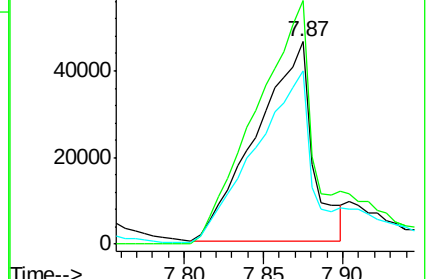
77 85.3 70.7 110.7

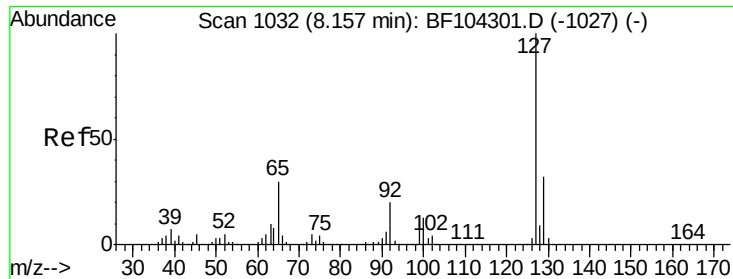


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

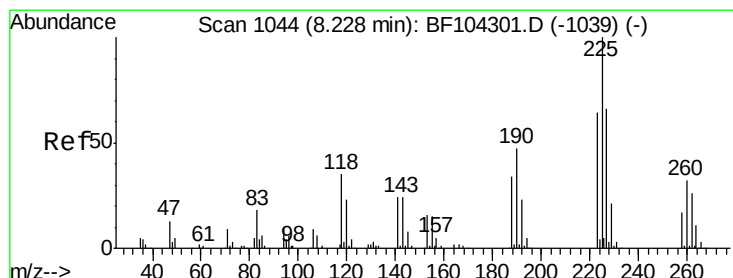
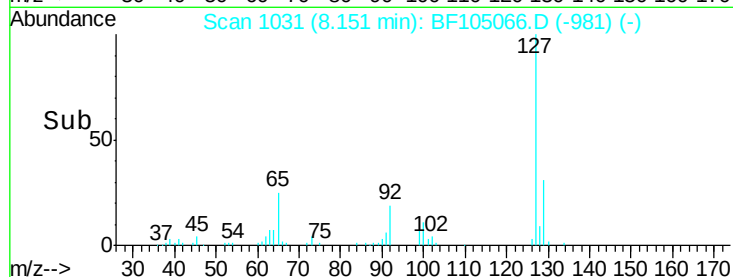
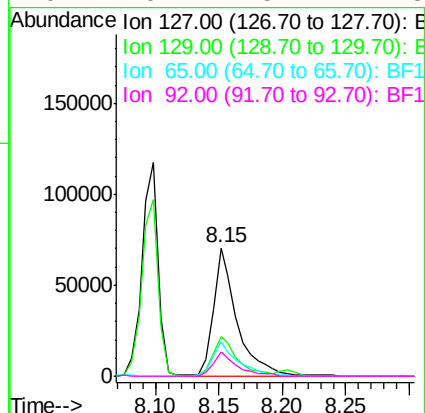
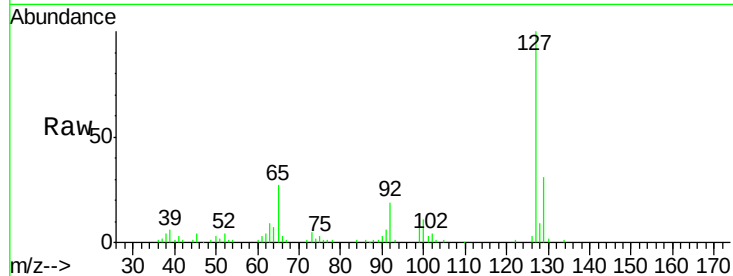




#33
4-Chloroaniline
Concen: 13.018 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF105066.D
Acq: 3 May 2018 7:47

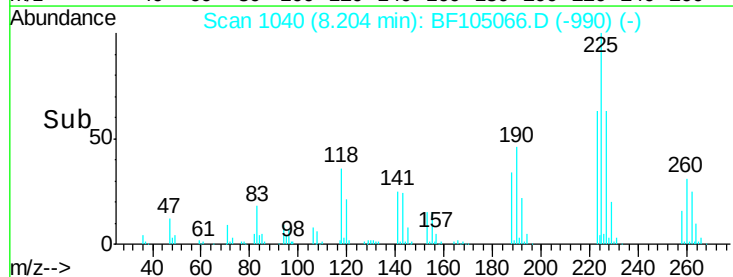
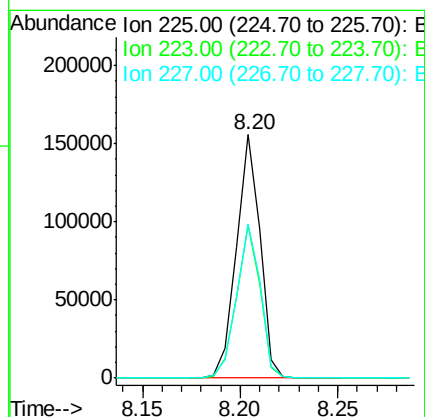
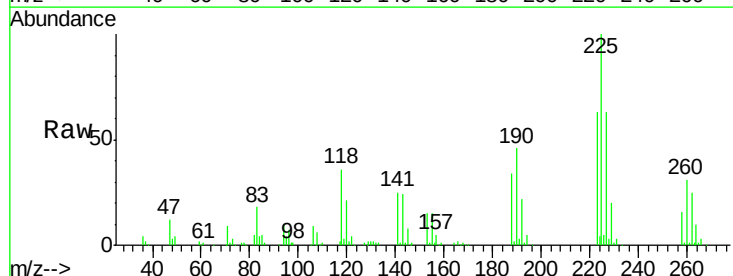
Instrument :
BNA_F
ClientSampleId :
PB108808BSD

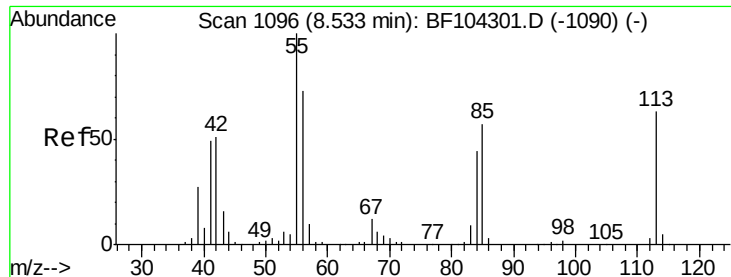
Tot Ion:	127	Resp:	92936
Ion	Ratio	Lower	Upper
127	100		
129	30.9	25.9	38.9
65	26.8	25.0	37.4
92	19.4	15.2	22.8



#34
Hexachlorobutadiene
Concen: 47.789 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF105066.D
Acq: 3 May 2018 7:47

Tgt Ion:	225	Resp:	131103
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.6	76.0
227	63.2	51.9	77.9





#35

Caprolactam

Concen: 47.077 ng

RT: 8.53 min Scan# 1096

Delta R.T. -0.02 min

Lab File: BF105066.D

Acq: 3 May 2018 7:47

Instrument :

BNA_F

ClientSampleId :

PB108808BSD

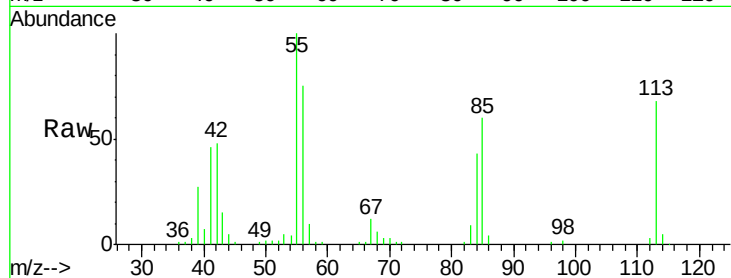
Tot Ion:113 Resp: 74950

Ion Ratio Lower Upper

113 100

55 147.6 163.3 203.3#

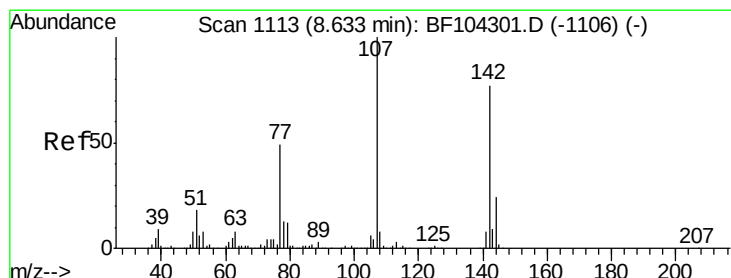
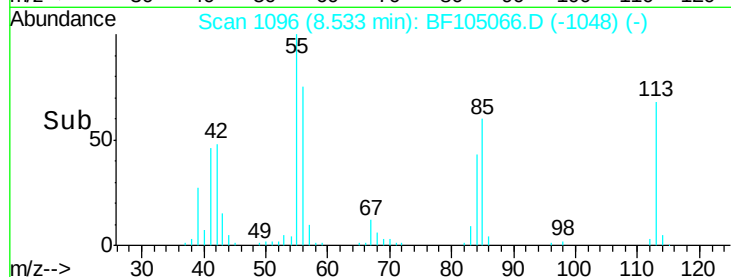
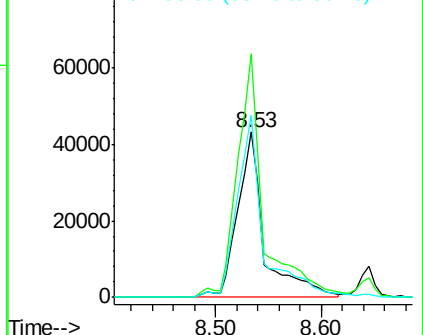
56 110.3 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 50.969 ng

RT: 8.65 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BF105066.D

Acq: 3 May 2018 7:47

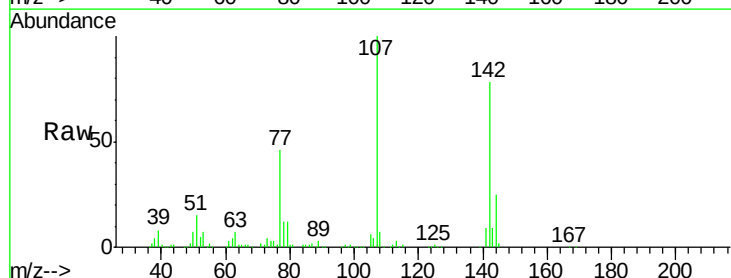
Tgt Ion:107 Resp: 249416

Ion Ratio Lower Upper

107 100

144 25.5 20.5 30.7

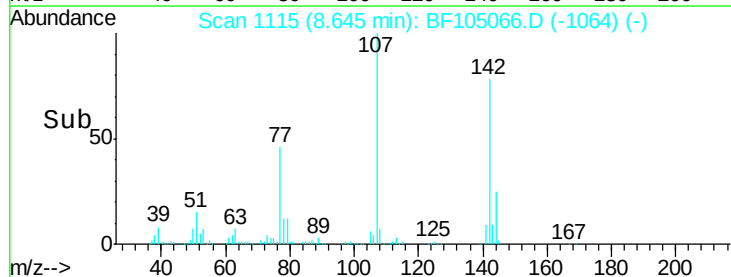
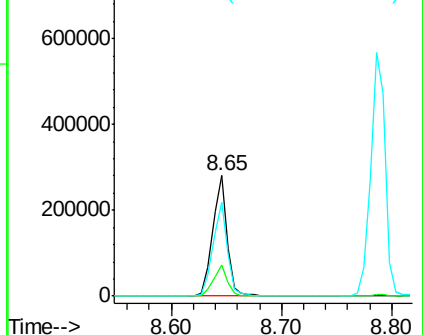
142 77.7 62.0 93.0

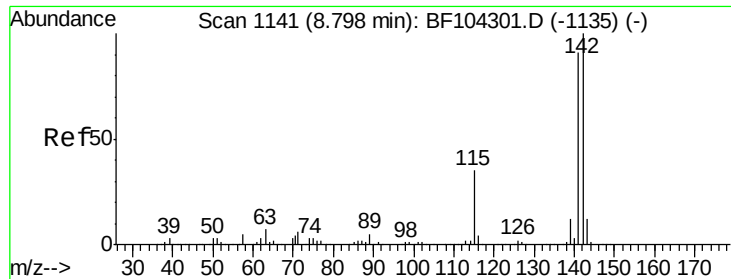


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

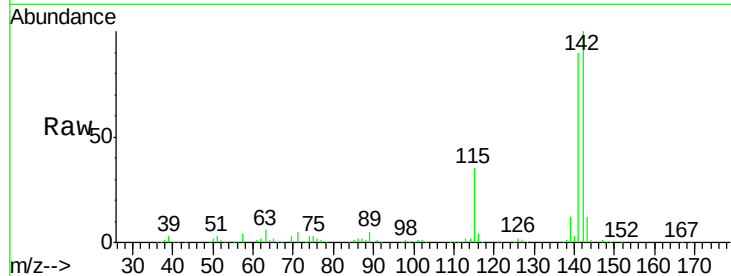




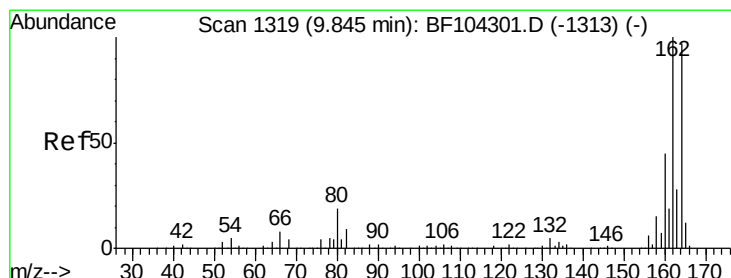
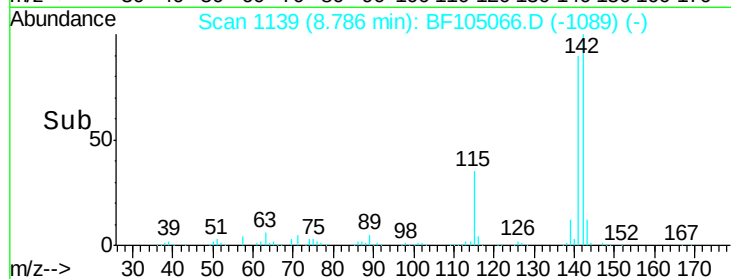
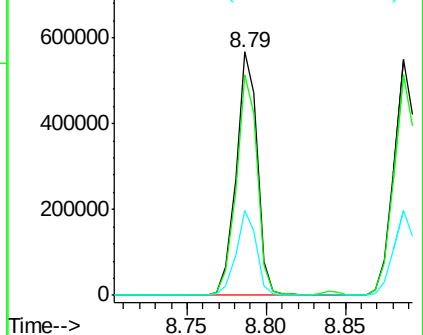
#37
2-Methylnaphthalene
Concen: 48.714 ng
RT: 8.79 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BF105066.D
Acq: 3 May 2018 7:47

Instrument :
BNA_F
ClientSampleId :
PB108808BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	70.8	106.2
115	35.0	26.1	39.1

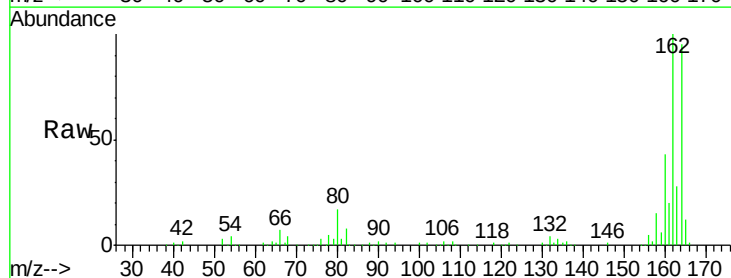


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

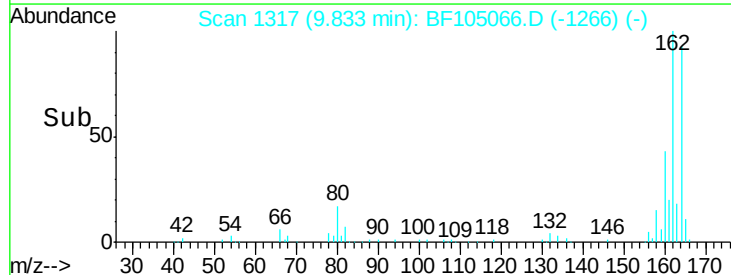
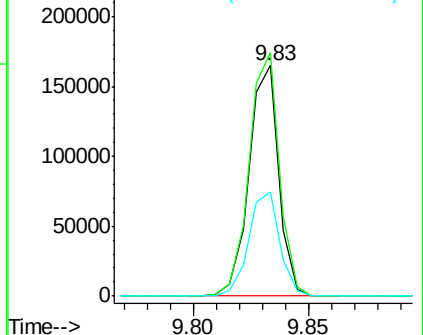


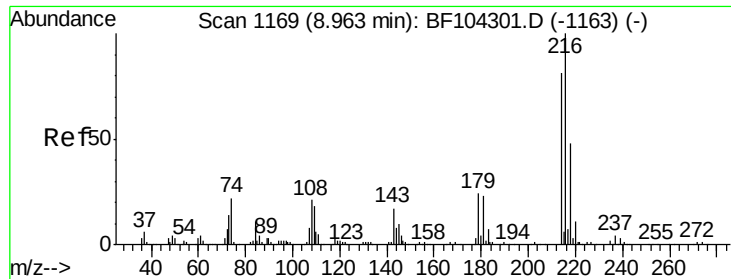
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BF105066.D
Acq: 3 May 2018 7:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.6	86.1	129.1
160	45.0	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

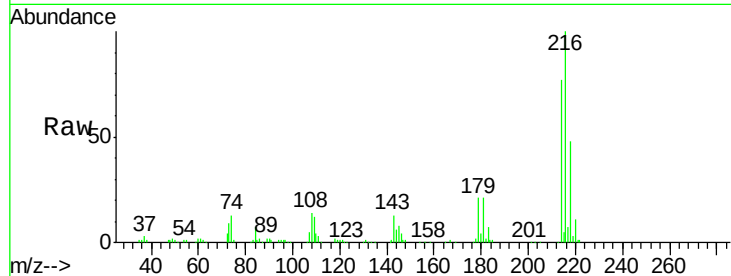




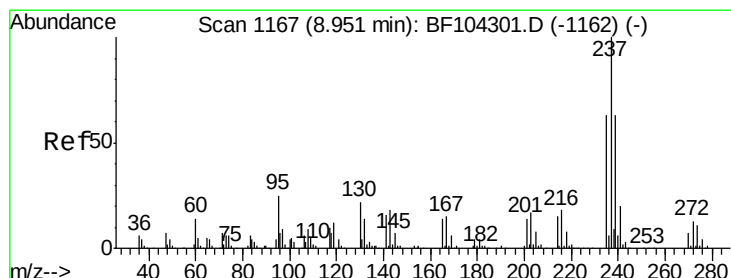
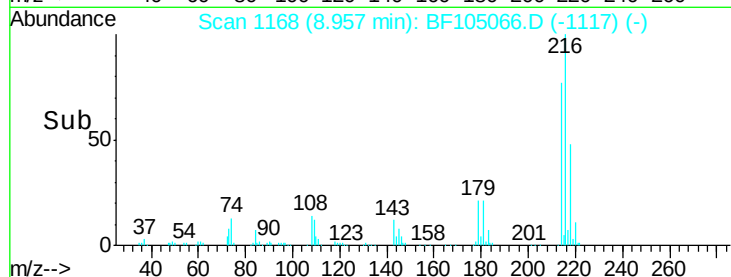
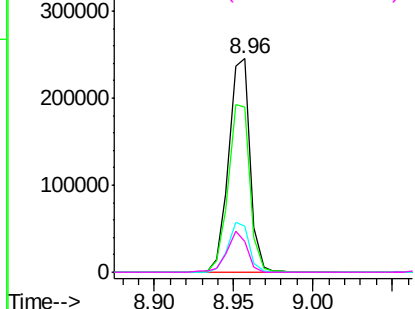
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 54.012 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. -0.00 min
 Lab File: BF105066.D
 Acq: 3 May 2018 7:47

Instrument :
 BNA_F
 ClientSampleId :
 PB108808BSD

Tot Ion:	216	Resp:	229710
Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.0	94.4
179	22.8	18.1	27.1
108	18.0	17.2	25.8

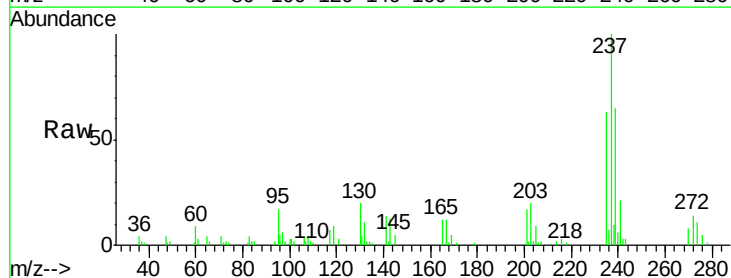


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

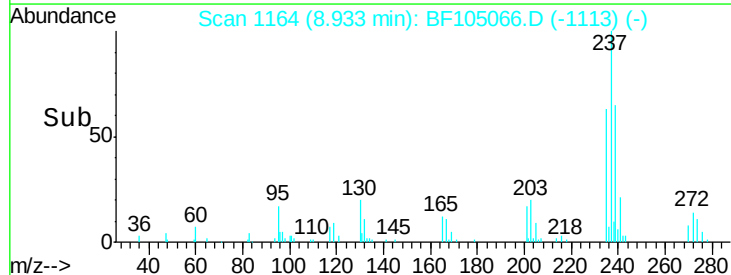
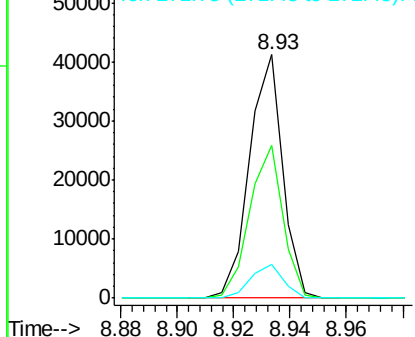


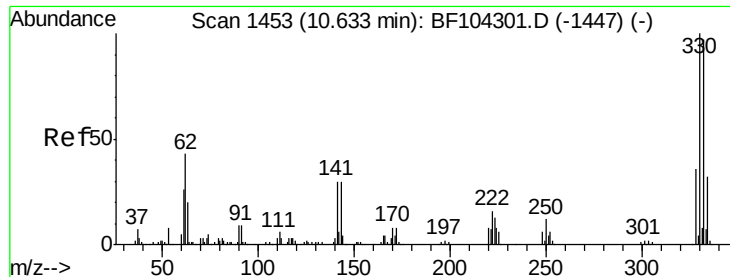
#40
 Hexachlorocyclopentadiene
 Concen: 14.100 ng
 RT: 8.93 min Scan# 1164
 Delta R.T. -0.00 min
 Lab File: BF105066.D
 Acq: 3 May 2018 7:47

Tgt Ion:	237	Resp:	33572
Ion	Ratio	Lower	Upper
237	100		
235	62.8	44.8	84.8
272	13.8	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

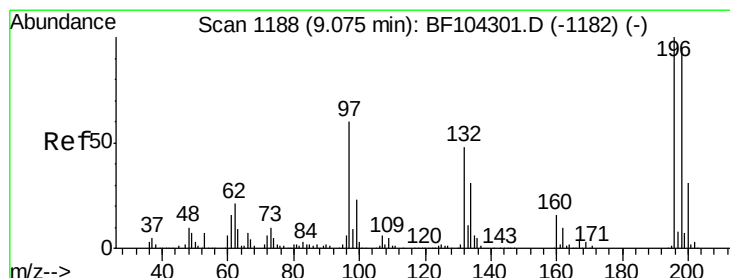
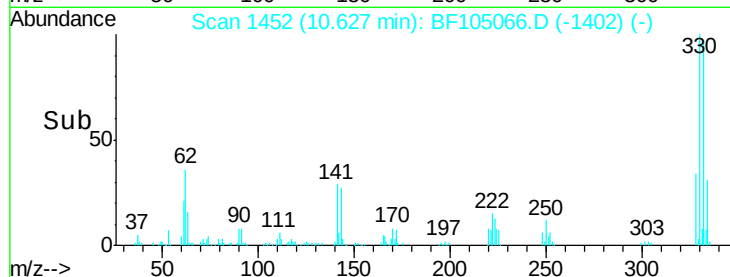
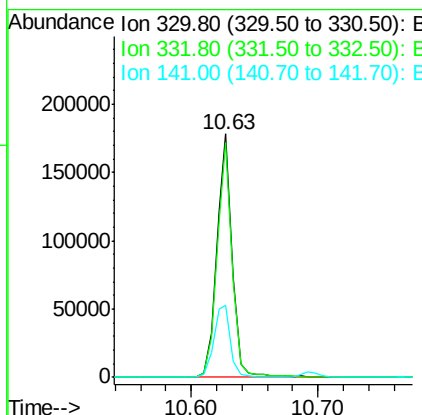
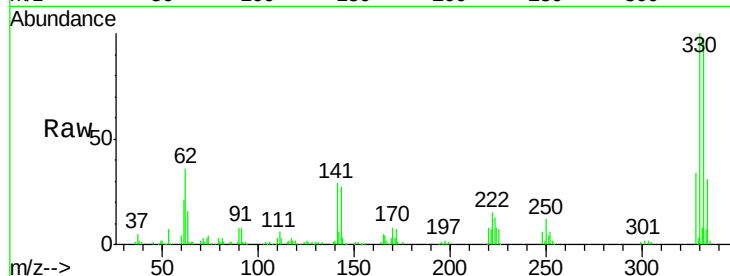




#41
 2,4,6-Tribromophenol
 Concen: 99.103 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF105066.D
 Acq: 3 May 2018 7:47

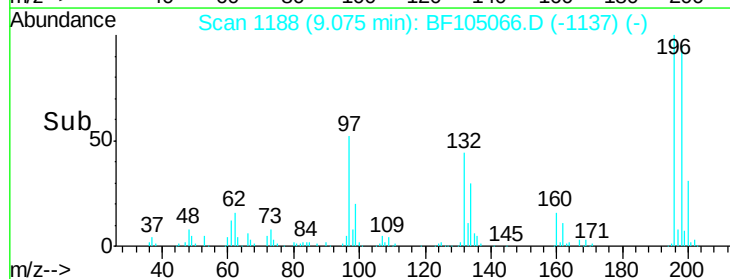
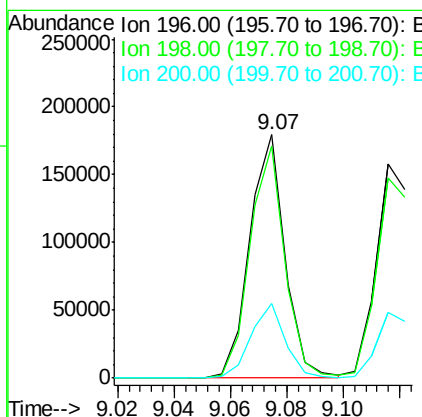
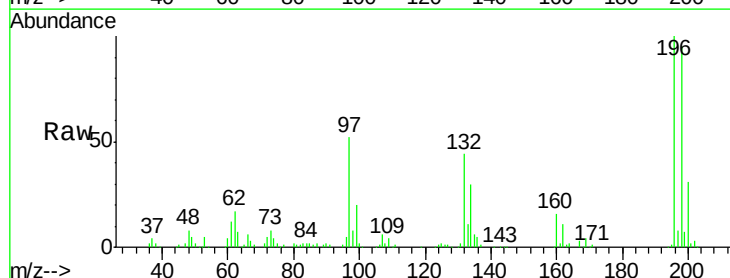
Instrument :
 BNA_F
 ClientSampleId :
 PB108808BSD

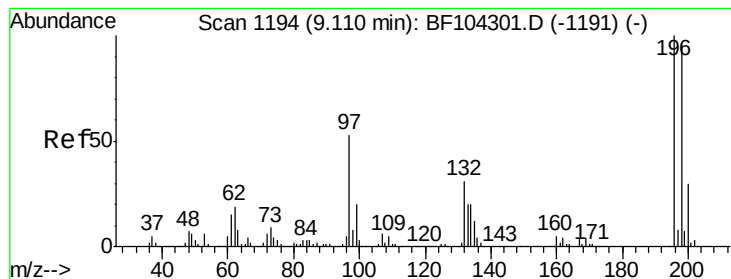
Tot Ion:330 Resp: 152735
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.6
 141 32.7 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 52.500 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF105066.D
 Acq: 3 May 2018 7:47

Tgt Ion:196 Resp: 154997
 Ion Ratio Lower Upper
 196 100
 198 95.4 75.7 113.5
 200 30.7 24.5 36.7





#43

2,4,5-Trichlorophenol

Concen: 50.366 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BF105066.D

Acq: 3 May 2018 7:47

Instrument :

BNA_F

ClientSampleId :

PB108808BSD

Tot Ion:196 Resp: 166399

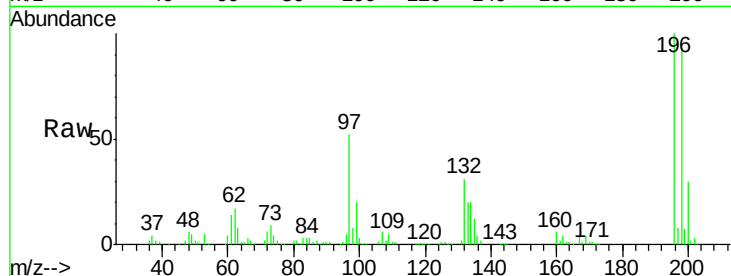
Ion Ratio Lower Upper

196 100

198 93.3 74.6 112.0

97 52.4 42.9 64.3

132 30.9 26.3 39.5

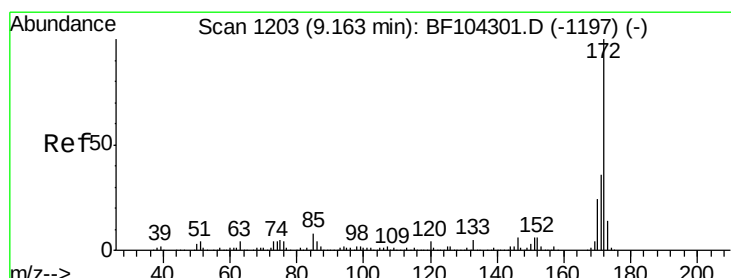
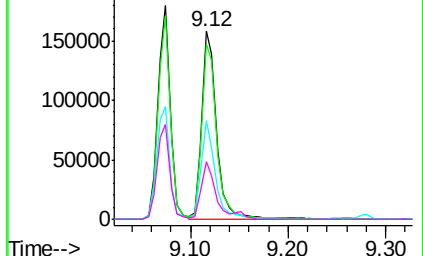
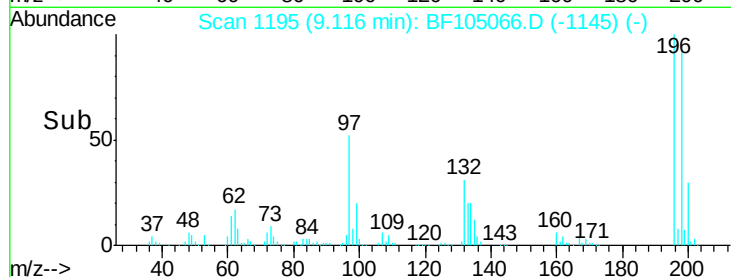


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44

2-Fluorobiphenyl

Concen: 107.695 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BF105066.D

Acq: 3 May 2018 7:47

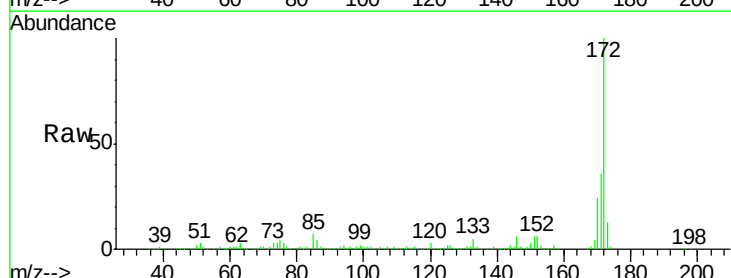
Tgt Ion:172 Resp: 1012844

Ion Ratio Lower Upper

172 100

171 36.5 29.7 44.5

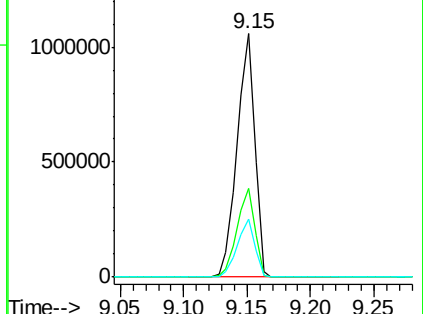
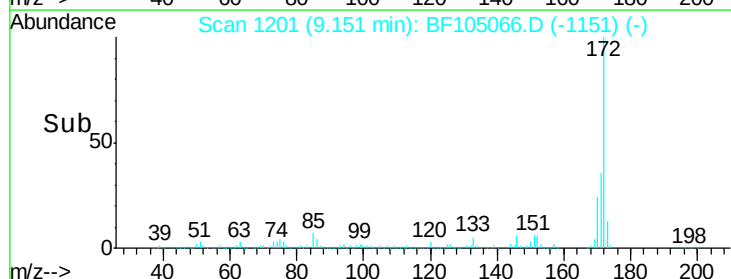
170 23.9 19.6 29.4

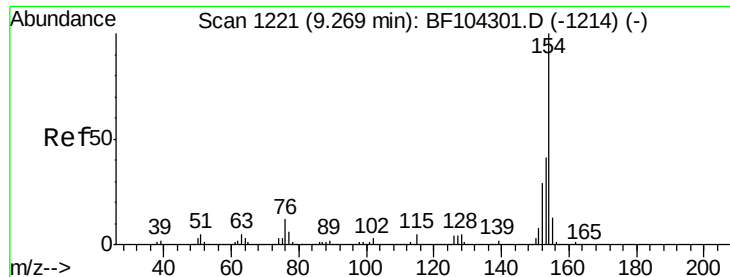


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 50.580 ng

RT: 9.25 min Scan# 1218

Delta R.T. -0.01 min

Lab File: BF105066.D

Acq: 3 May 2018 7:47

Instrument :

BNA_F

ClientSampleId :

PB108808BSD

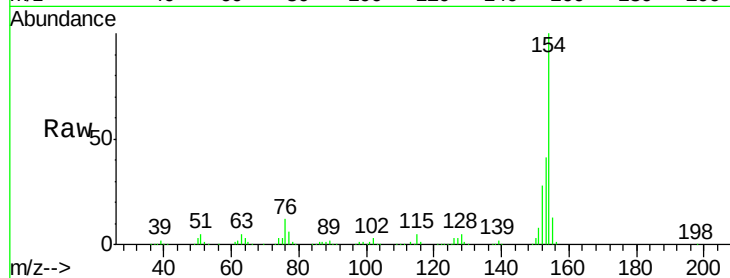
Tot Ion:154 Resp: 631285

Ion Ratio Lower Upper

154 100

153 40.9 21.3 61.3

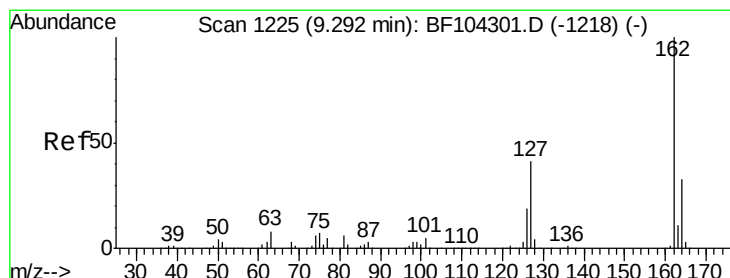
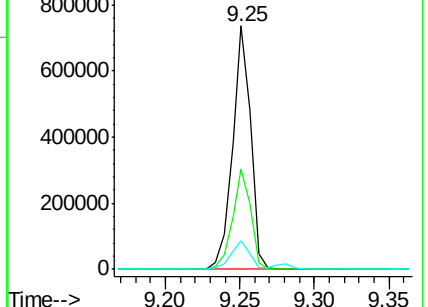
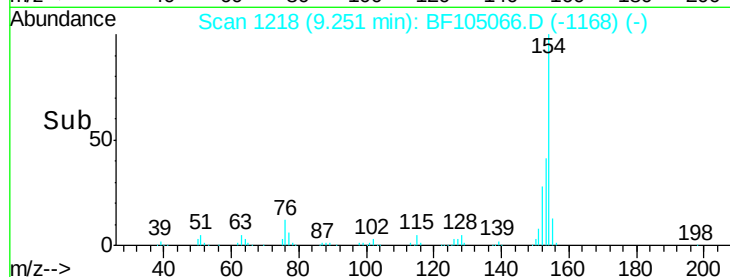
76 12.0 0.0 34.0



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: 49.721 ng

RT: 9.28 min Scan# 1223

Delta R.T. -0.00 min

Lab File: BF105066.D

Acq: 3 May 2018 7:47

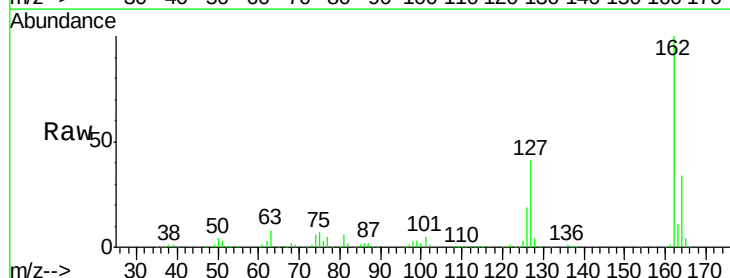
Tgt Ion:162 Resp: 490165

Ion Ratio Lower Upper

162 100

127 40.6 33.9 50.9

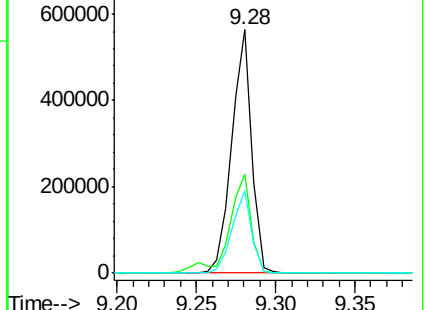
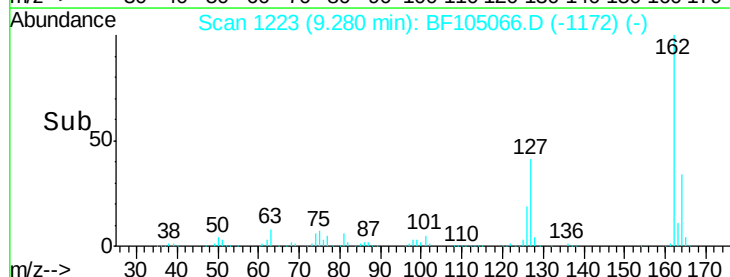
164 33.6 26.5 39.7

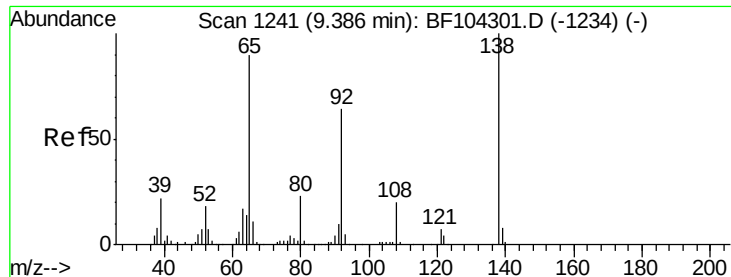


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 56.728 ng

RT: 9.39 min Scan# 1241

Delta R.T. -0.00 min

Lab File: BF105066.D

Acq: 3 May 2018 7:47

Instrument :

BNA_F

ClientSampleId :

PB108808BSD

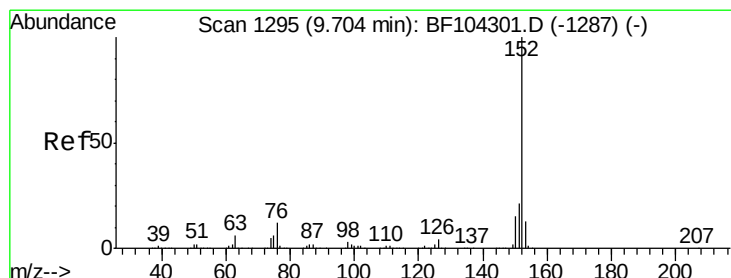
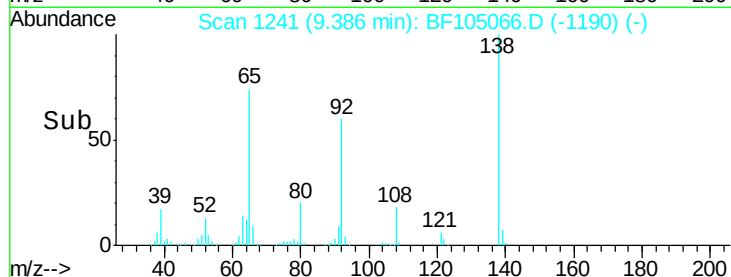
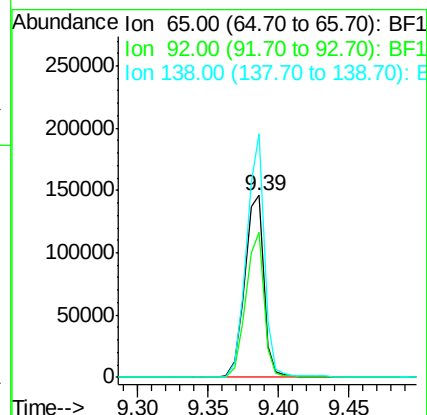
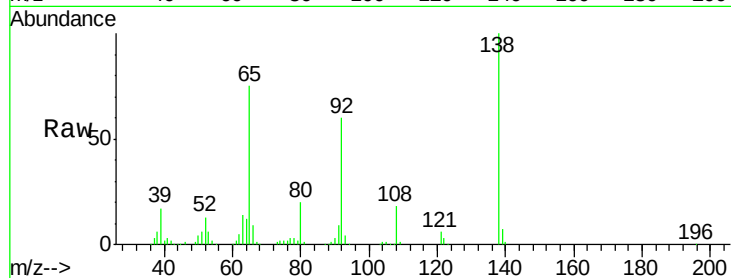
Tot Ion: 65 Resp: 138301

Ion Ratio Lower Upper

65 100

92 79.8 55.8 83.6

138 133.9 91.2 136.8



#48

Acenaphthylene

Concen: 46.299 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF105066.D

Acq: 3 May 2018 7:47

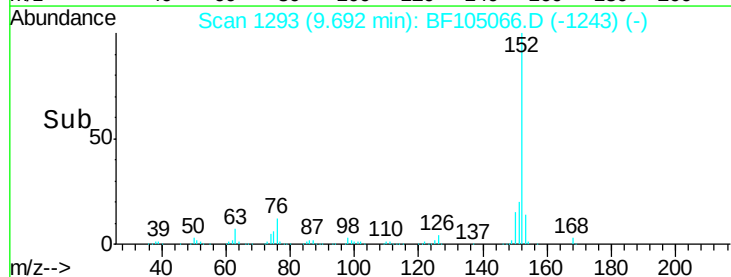
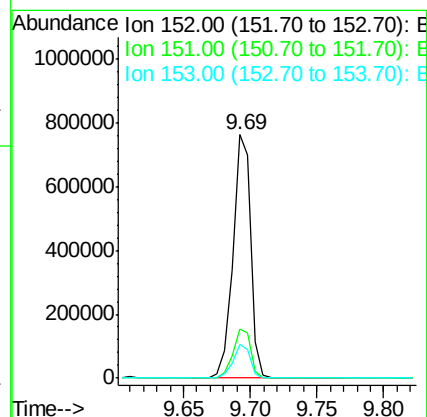
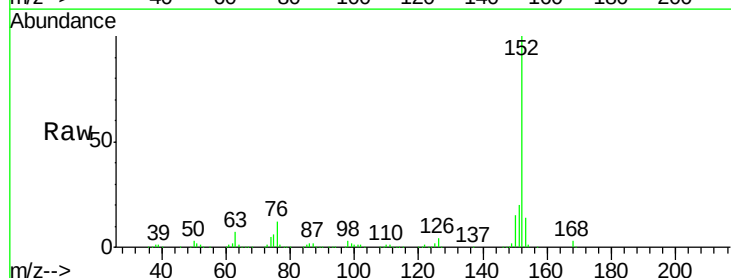
Tgt Ion: 152 Resp: 716132

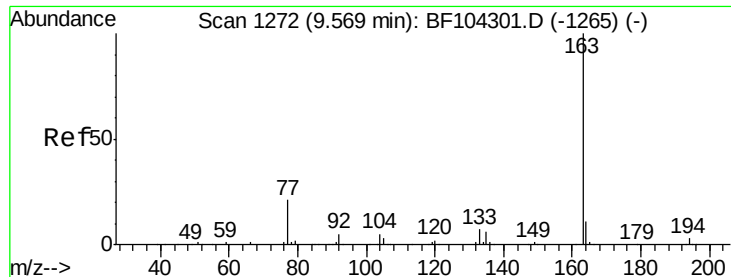
Ion Ratio Lower Upper

152 100

151 20.3 16.3 24.5

153 13.6 10.7 16.1





#49

Dimethylphthalate

Concen: 50.229 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BF105066.D

Acq: 3 May 2018 7:47

Instrument :

BNA_F

ClientSampleId :

PB108808BSD

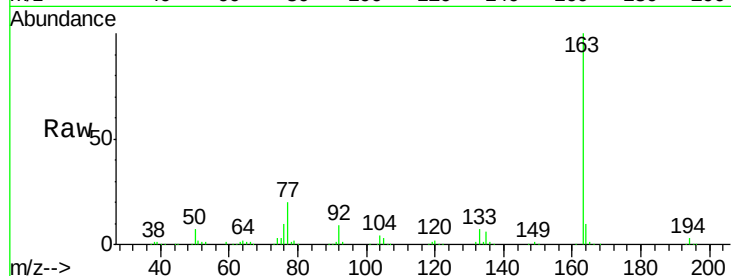
Tot Ion:163 Resp: 588481

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

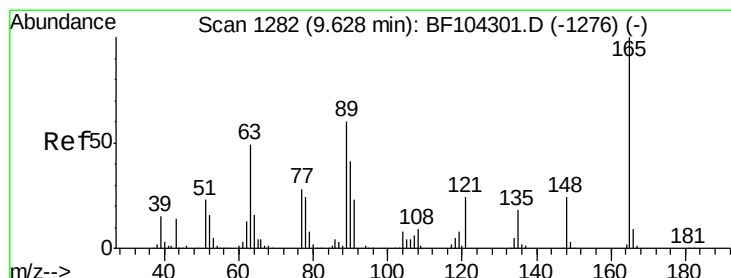
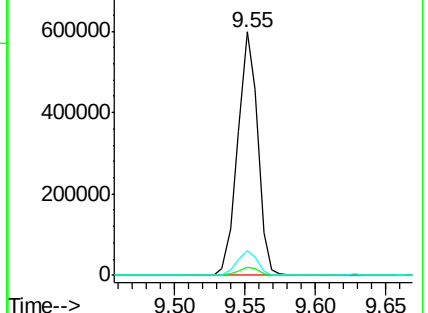
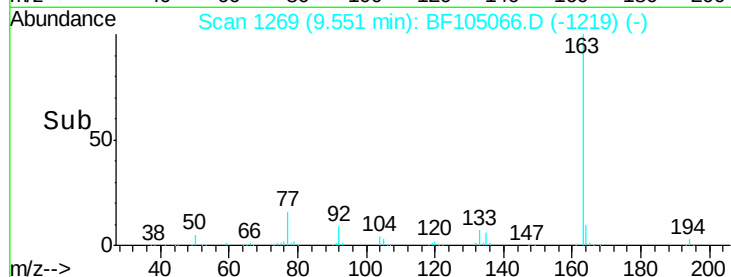
164 10.2 8.2 12.2



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: 59.586 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF105066.D

Acq: 3 May 2018 7:47

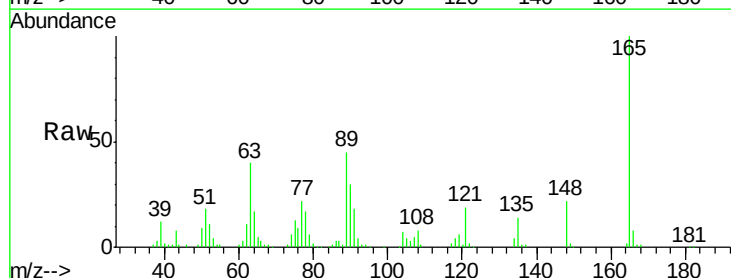
Tgt Ion:165 Resp: 129178

Ion Ratio Lower Upper

165 100

63 39.8 44.7 67.1#

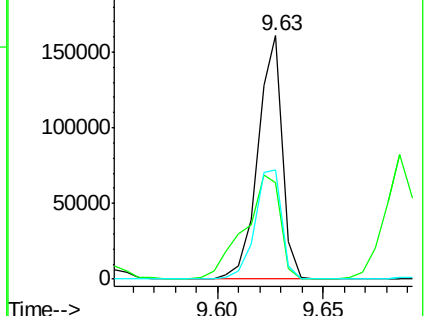
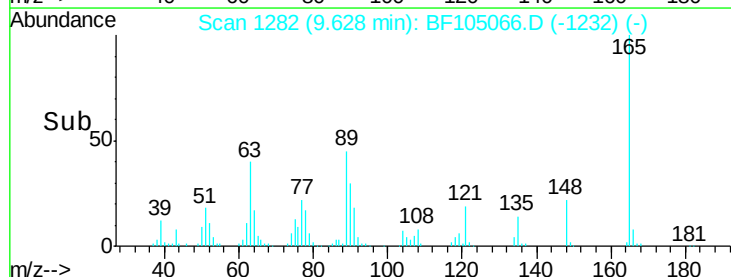
89 44.7 44.0 66.0

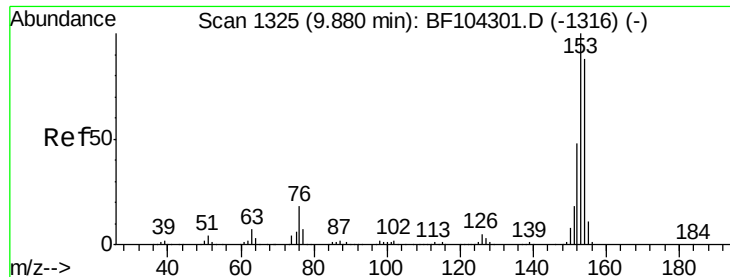


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 44.589 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.00 min

Lab File: BF105066.D

Acq: 3 May 2018 7:47

Instrument :

BNA_F

ClientSampleId :

PB108808BSD

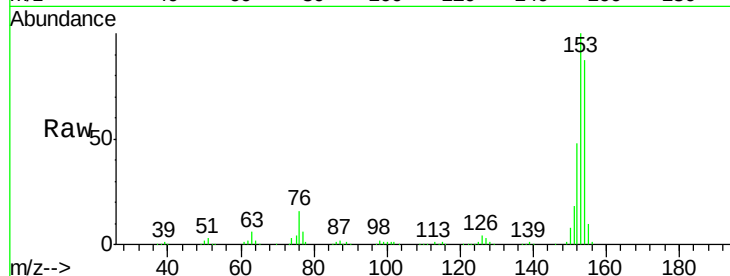
Tot Ion:154 Resp: 420804

Ion Ratio Lower Upper

154 100

153 115.0 91.2 136.8

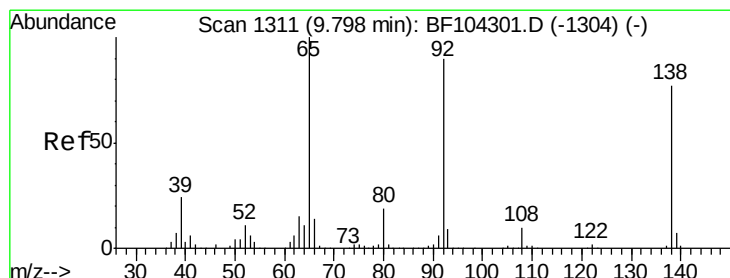
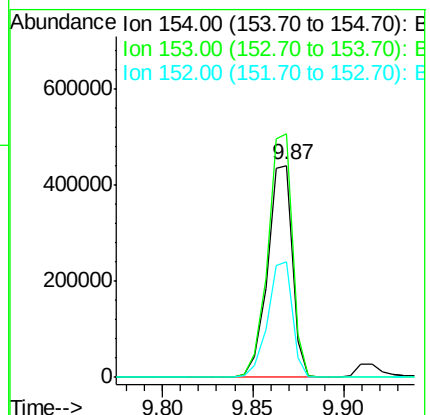
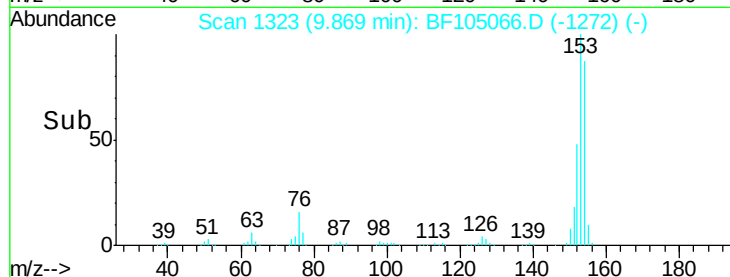
152 54.7 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 20.494 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF105066.D

Acq: 3 May 2018 7:47

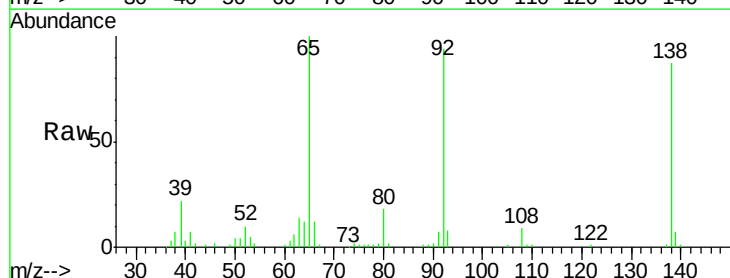
Tgt Ion:138 Resp: 52014

Ion Ratio Lower Upper

138 100

108 10.3 9.4 14.0

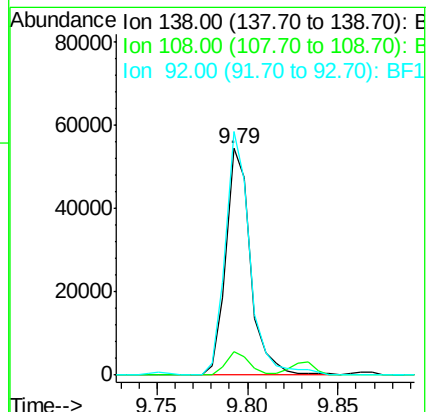
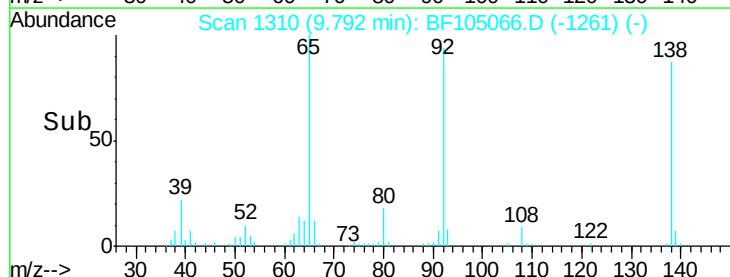
92 107.5 89.4 134.2

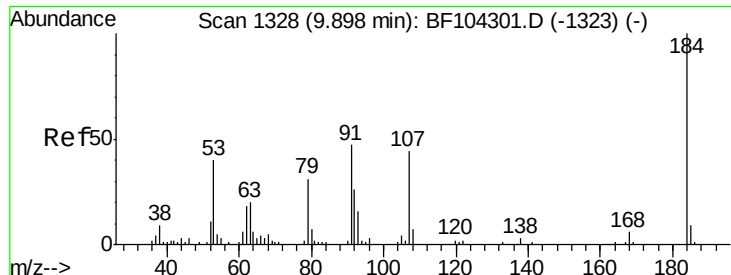


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

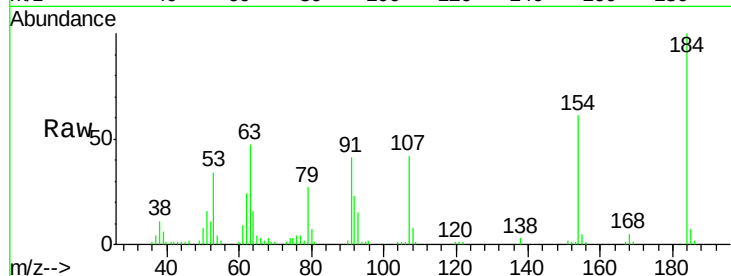




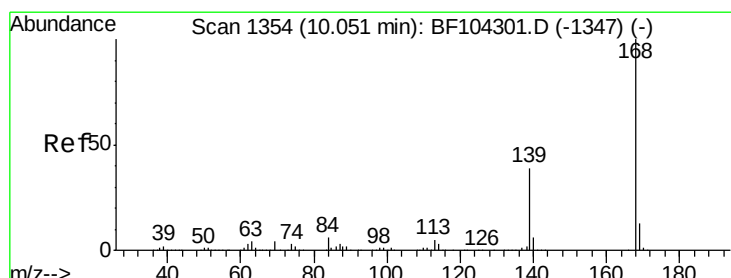
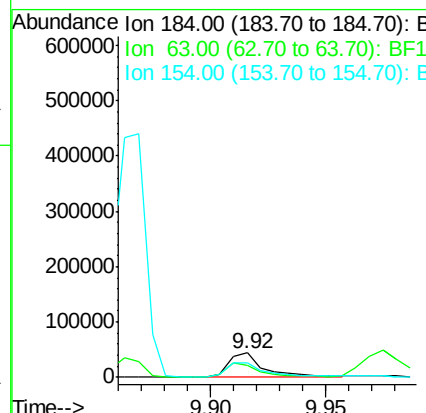
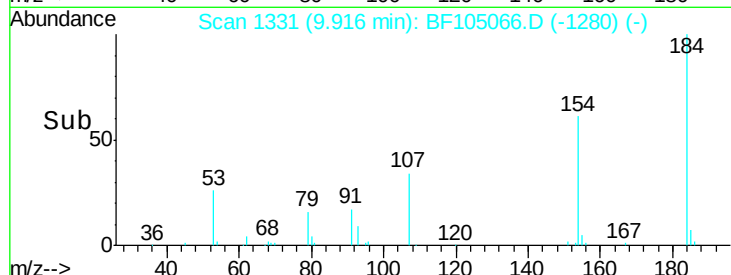
#53
 2,4-Dinitrophenol
 Concen: 61.463 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.00 min
 Lab File: BF105066.D
 Acq: 3 May 2018 7:47

Instrument :
 BNA_F
 ClientSampleId :
 PB108808BSD

Tot Ion:184 Resp: 48808
 Ion Ratio Lower Upper
 184 100
 63 46.7 54.2 81.2#
 154 60.7 184.0 276.0#

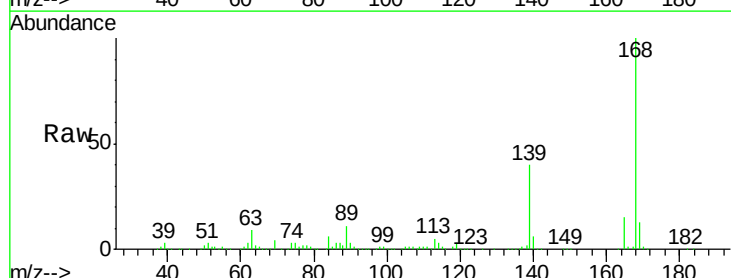


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

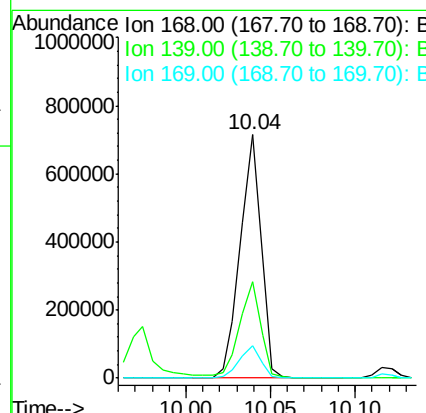
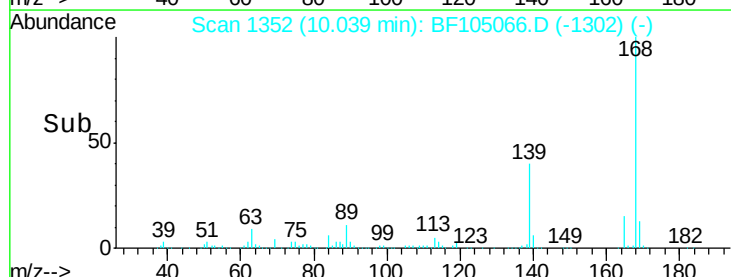


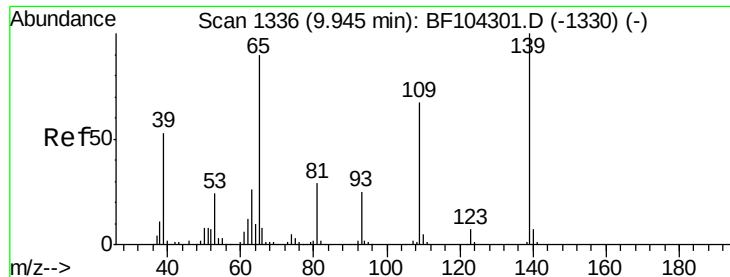
#54
 Dibenzofuran
 Concen: 46.960 ng
 RT: 10.04 min Scan# 1352
 Delta R.T. -0.01 min
 Lab File: BF105066.D
 Acq: 3 May 2018 7:47

Tgt Ion:168 Resp: 617607
 Ion Ratio Lower Upper
 168 100
 139 39.7 30.1 45.1
 169 13.5 10.9 16.3



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

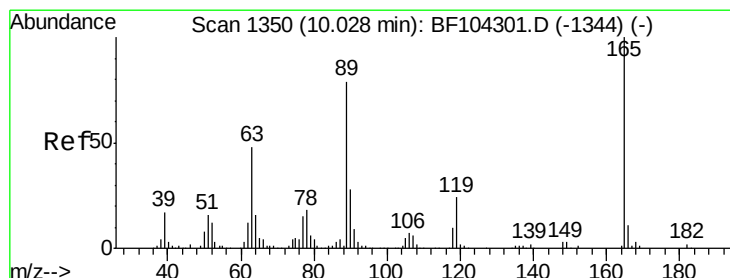
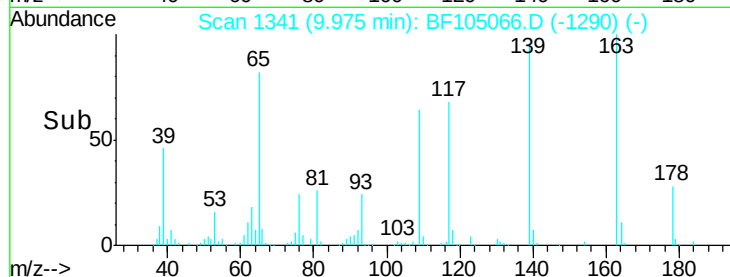
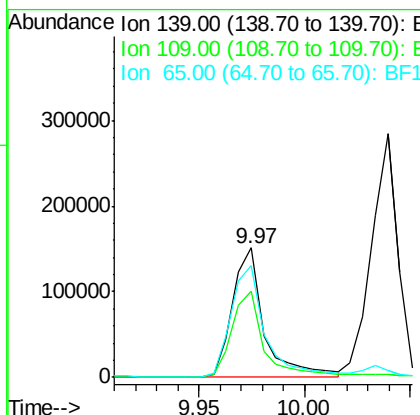
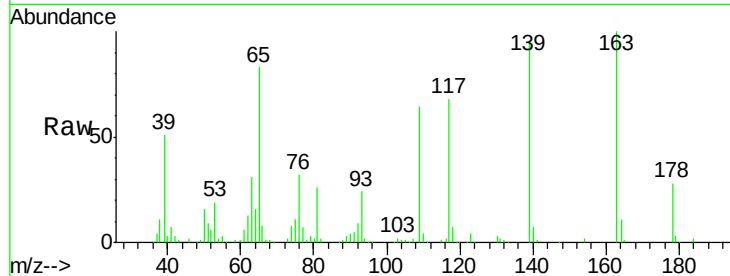




#55
4-Nitrophenol
Concen: 79.342 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF105066.D
Acq: 3 May 2018 7:47

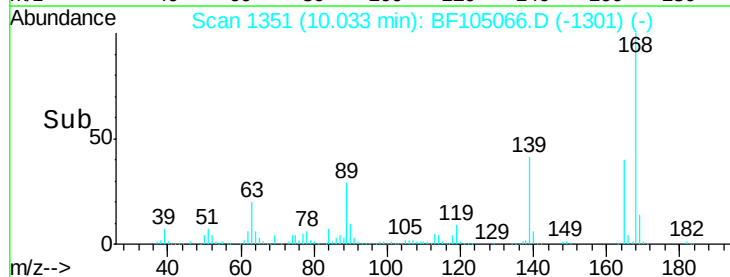
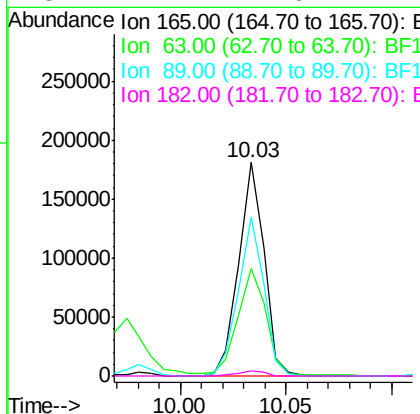
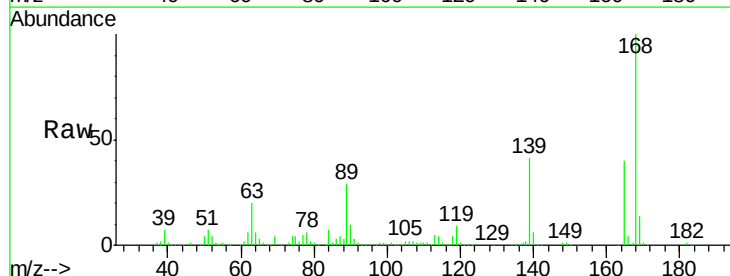
Instrument :
BNA_F
ClientSampleId :
PB108808BSD

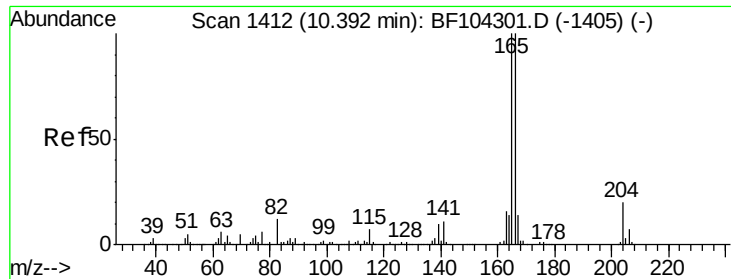
Tot Ion:139 Resp: 158181
Ion Ratio Lower Upper
139 100
109 66.2 48.4 88.4
65 86.4 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 52.899 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF105066.D
Acq: 3 May 2018 7:47

Tgt Ion:165 Resp: 150428
Ion Ratio Lower Upper
165 100
63 50.6 36.4 54.6
89 74.3 57.8 86.6
182 2.4 1.6 2.4#





#57

Fluorene

Concen: 52.051 ng

RT: 10.38 min Scan# 1410

Delta R.T. -0.01 min

Lab File: BF105066.D

Acq: 3 May 2018 7:47

Instrument :

BNA_F

ClientSampleId :

PB108808BSD

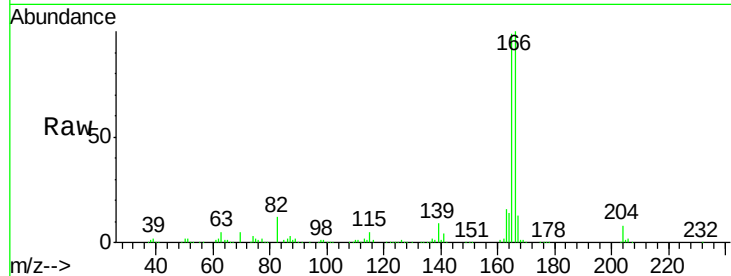
Tot Ion:166 Resp: 498273

Ion Ratio Lower Upper

166 100

165 98.7 79.8 119.8

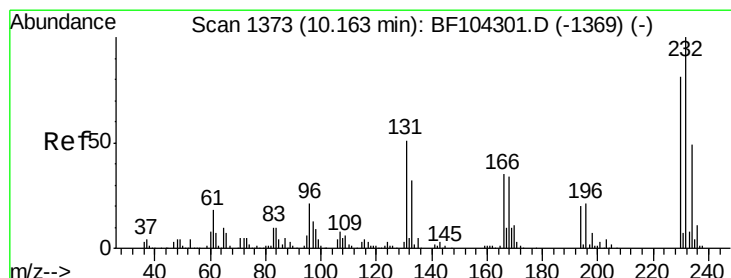
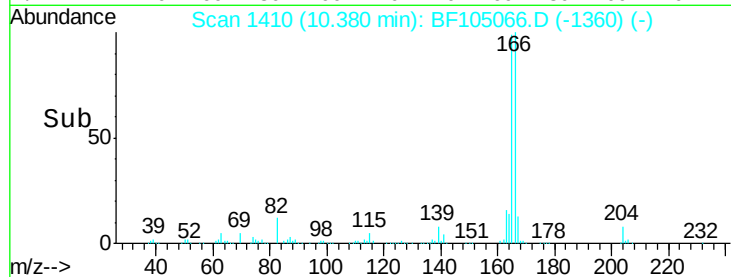
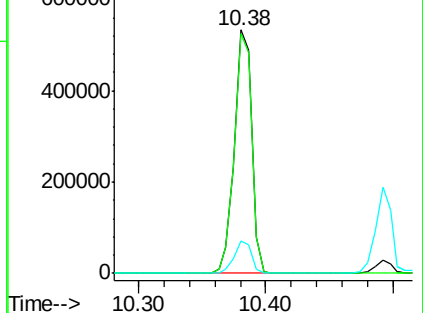
167 13.5 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 49.080 ng

RT: 10.16 min Scan# 1373

Delta R.T. -0.00 min

Lab File: BF105066.D

Acq: 3 May 2018 7:47

Tgt Ion:232 Resp: 120971

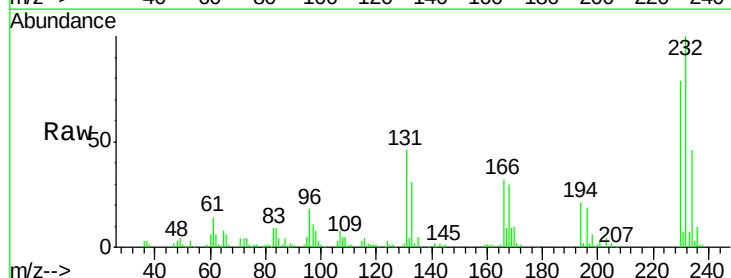
Ion Ratio Lower Upper

232 100

131 48.2 43.8 65.8

130 2.3 2.1 3.1

166 32.7 27.8 41.6

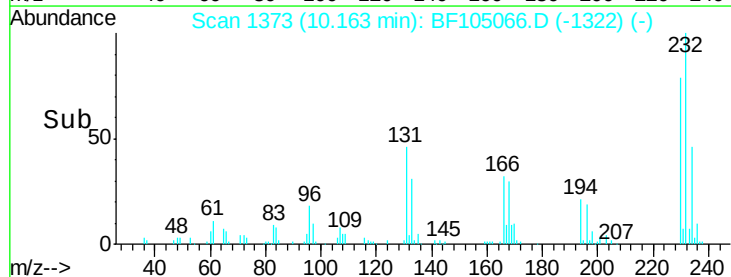
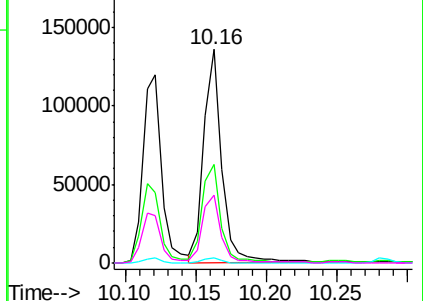


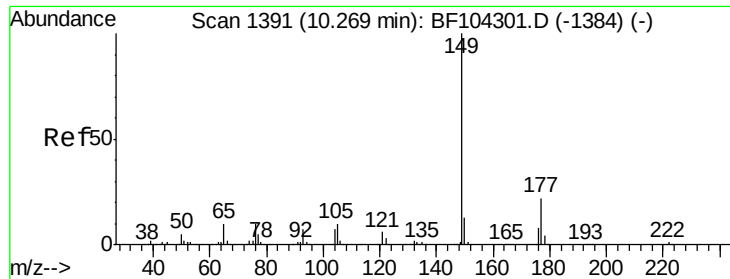
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 47.437 ng

RT: 10.25 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BF105066.D

Acq: 3 May 2018 7:47

Instrument :

BNA_F

ClientSampleId :

PB108808BSD

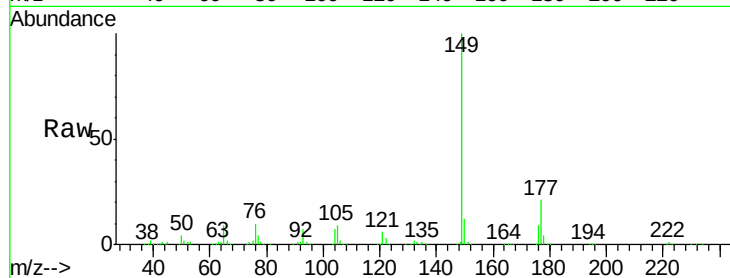
Tot Ion:149 Resp: 553513

Ion Ratio Lower Upper

149 100

177 20.6 16.1 24.1

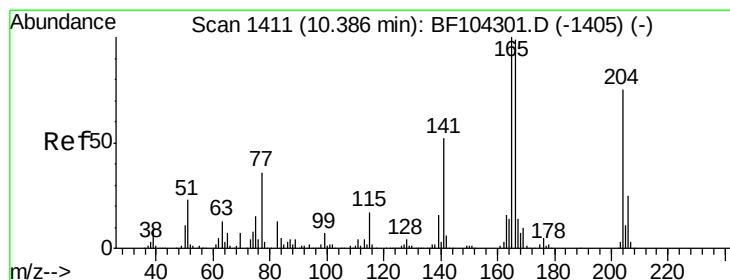
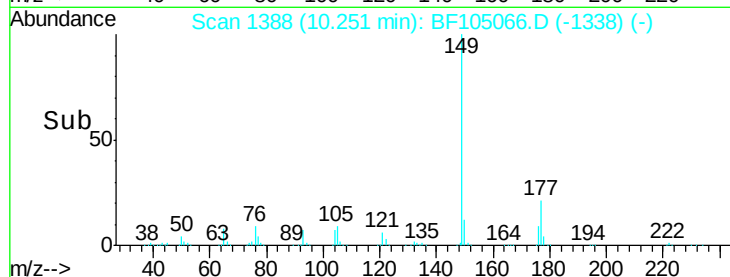
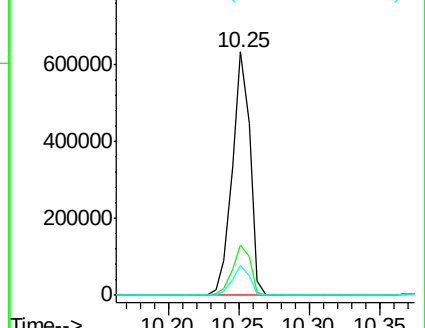
150 12.4 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 55.540 ng

RT: 10.37 min Scan# 1408

Delta R.T. -0.01 min

Lab File: BF105066.D

Acq: 3 May 2018 7:47

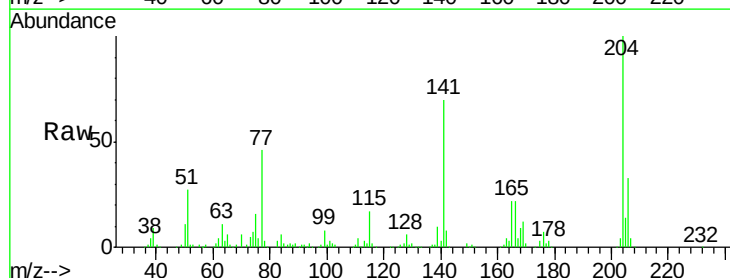
Tgt Ion:204 Resp: 236783

Ion Ratio Lower Upper

204 100

206 32.8 26.5 39.7

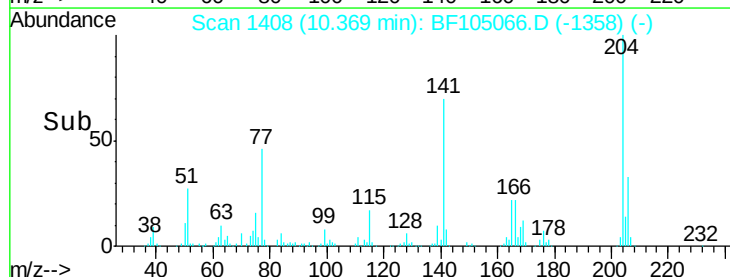
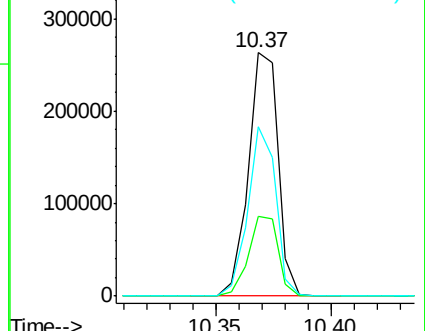
141 69.8 54.6 81.8

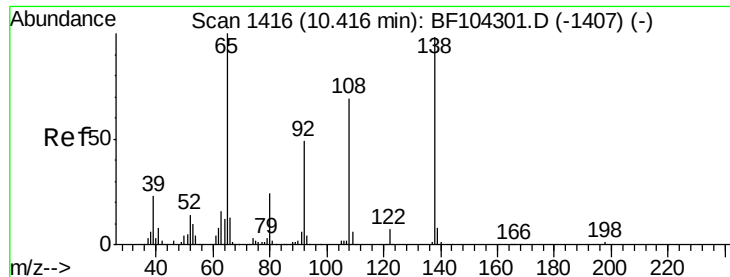


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

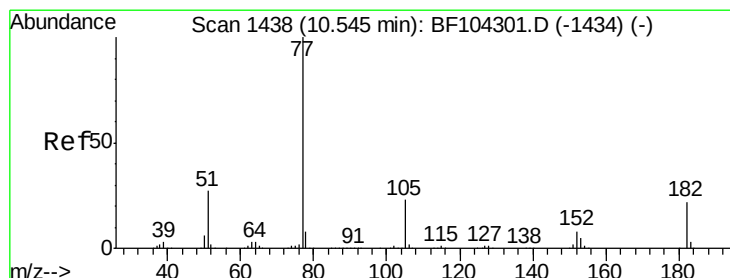
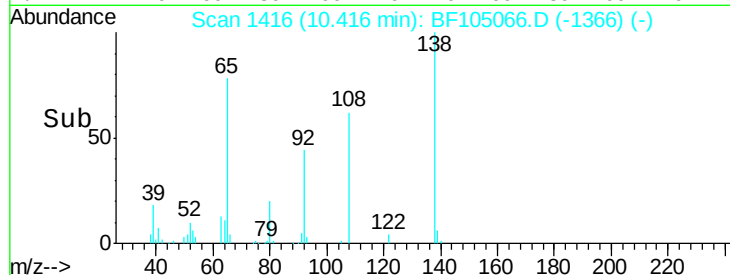
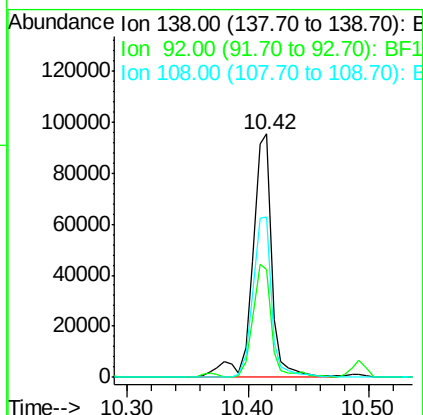
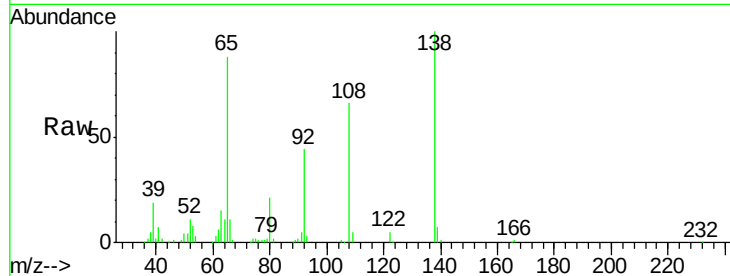




#61
4-Nitroaniline
Concen: 43.218 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF105066.D
Acq: 3 May 2018 7:47

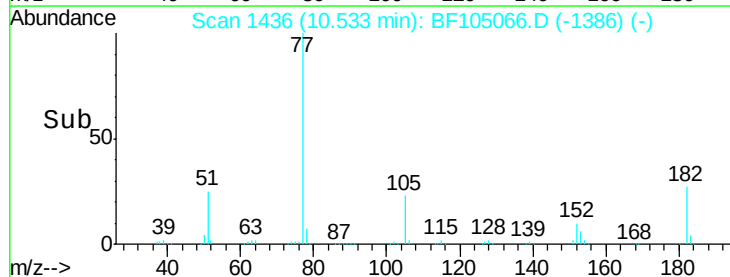
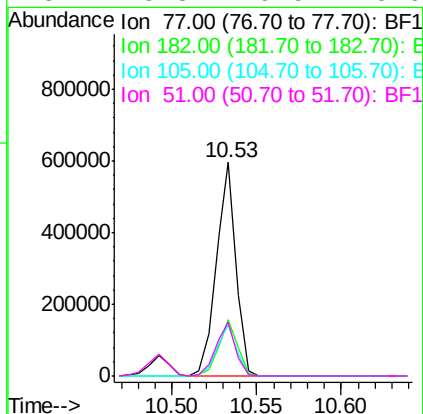
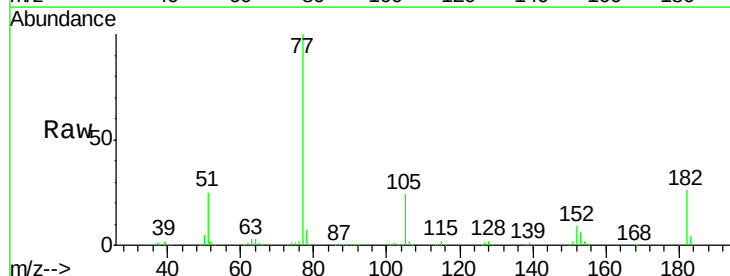
Instrument :
BNA_F
ClientSampleId :
PB108808BSD

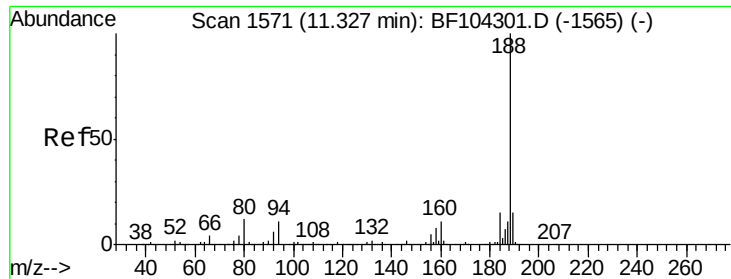
Tot Ion:138 Resp: 107248
Ion Ratio Lower Upper
138 100
92 44.1 30.2 70.2
108 65.8 52.5 92.5



#62
Azobenzene
Concen: 43.305 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF105066.D
Acq: 3 May 2018 7:47

Tgt Ion: 77 Resp: 482754
Ion Ratio Lower Upper
77 100
182 26.4 1.7 41.7
105 24.3 3.0 43.0
51 25.3 9.9 49.9

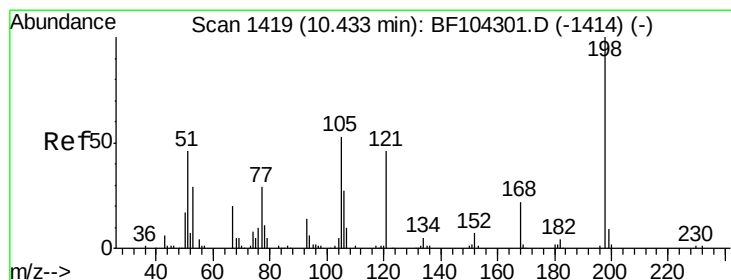
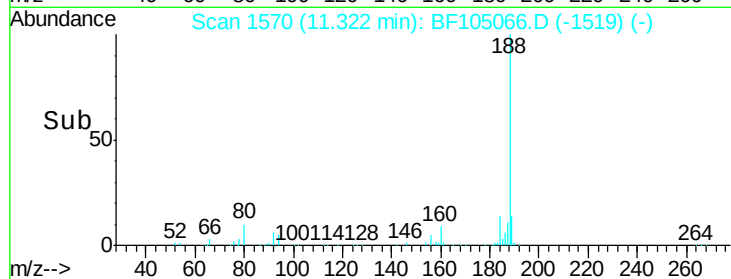
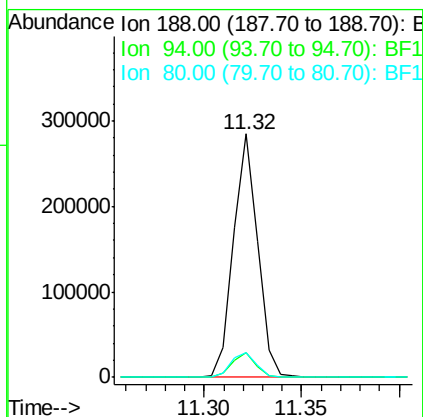
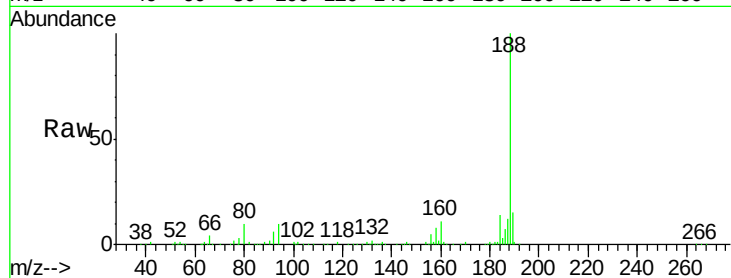




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.00 min
 Lab File: BF105066.D
 Acq: 3 May 2018 7:47

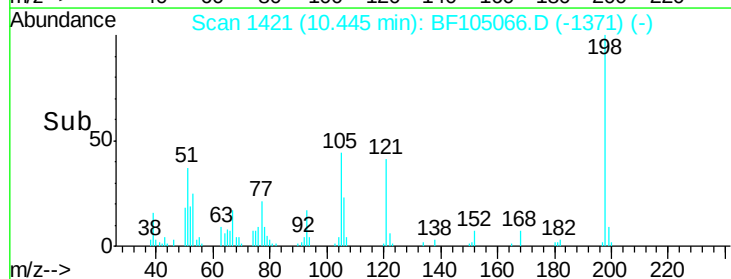
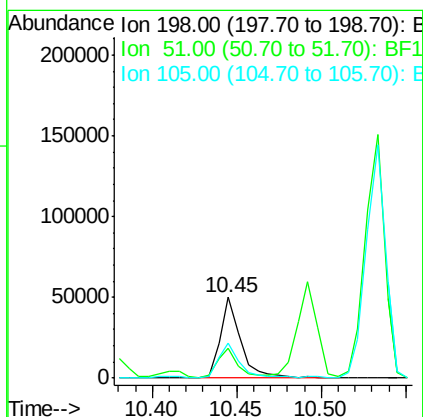
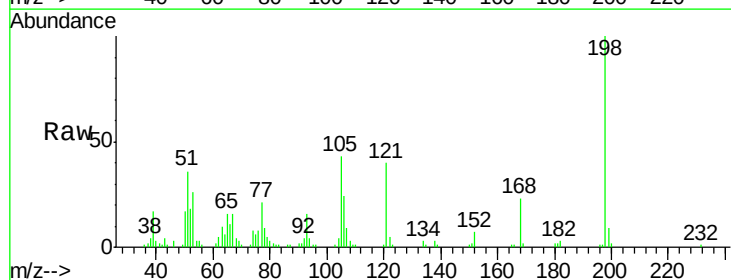
Instrument :
 BNA_F
 ClientSampleId :
 PB108808BSD

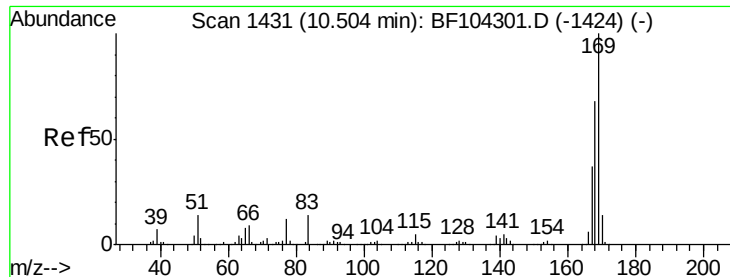
Tot Ion:188 Resp: 245906
 Ion Ratio Lower Upper
 188 100
 94 10.0 8.5 12.7
 80 10.3 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 37.364 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. -0.01 min
 Lab File: BF105066.D
 Acq: 3 May 2018 7:47

Tgt Ion:198 Resp: 42445
 Ion Ratio Lower Upper
 198 100
 51 36.3 37.7 77.7#
 105 43.1 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 52.528 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.01 min

Lab File: BF105066.D

Acq: 3 May 2018 7:47

Instrument :

BNA_F

ClientSampleId :

PB108808BSD

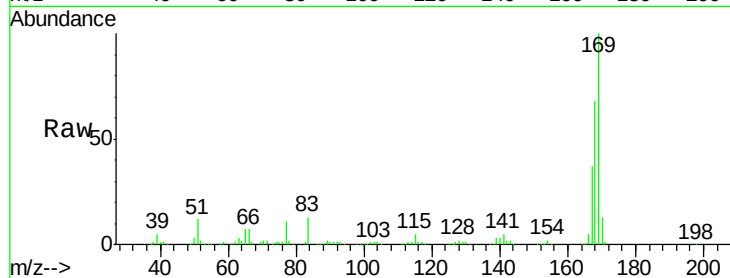
Tot Ion:169 Resp: 447865

Ion Ratio Lower Upper

169 100

168 67.9 54.4 81.6

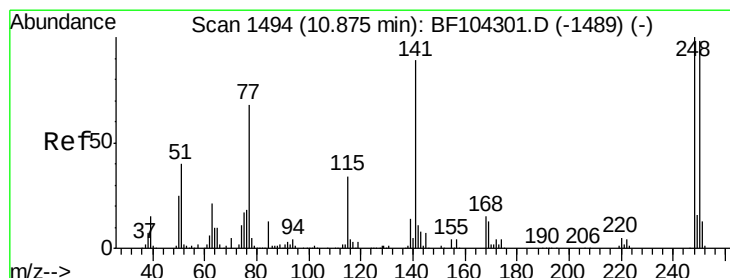
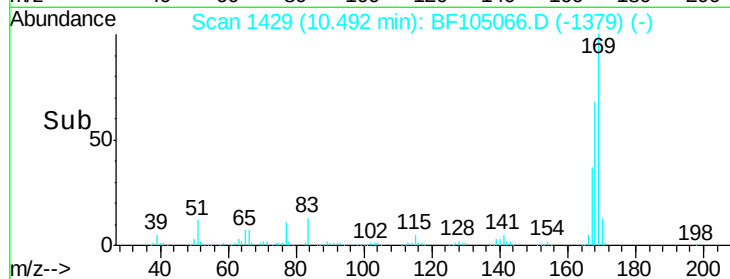
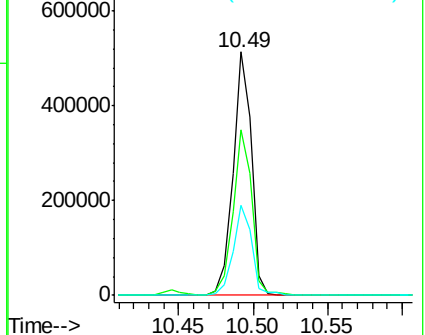
167 37.0 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 53.412 ng

RT: 10.86 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BF105066.D

Acq: 3 May 2018 7:47

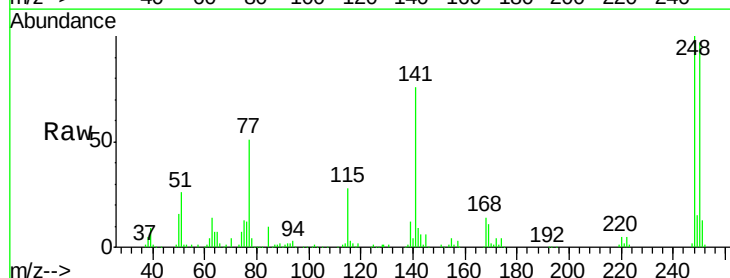
Tgt Ion:248 Resp: 139707

Ion Ratio Lower Upper

248 100

250 97.4 76.9 115.3

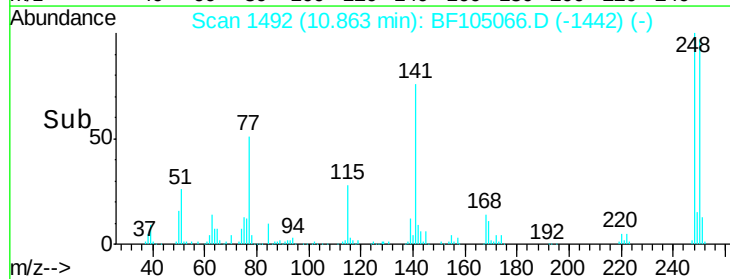
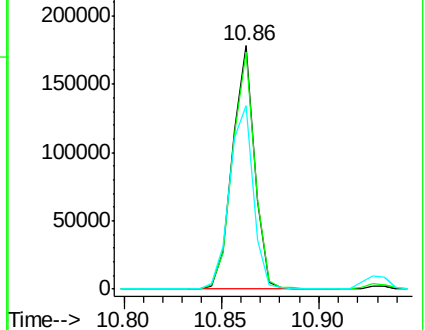
141 75.5 74.4 111.6

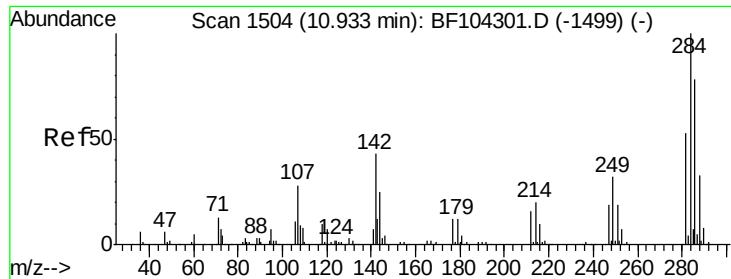


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 50.889 ng

RT: 10.93 min Scan# 1504

Delta R.T. -0.00 min

Lab File: BF105066.D

Acq: 3 May 2018 7:47

Instrument :

BNA_F

ClientSampleId :

PB108808BSD

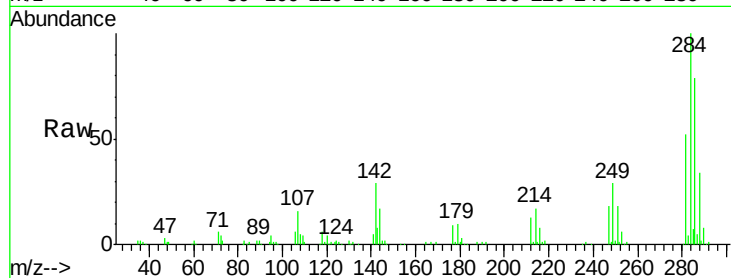
Tot Ion:284 Resp: 149774

Ion Ratio Lower Upper

284 100

142 29.1 34.6 52.0#

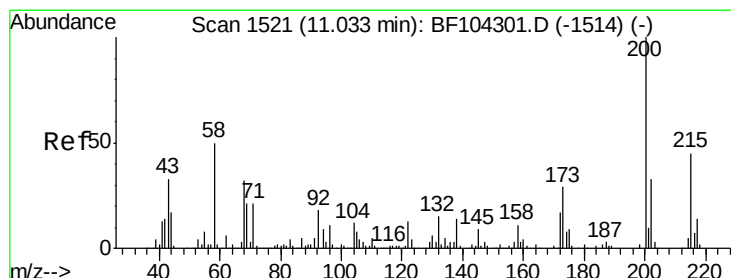
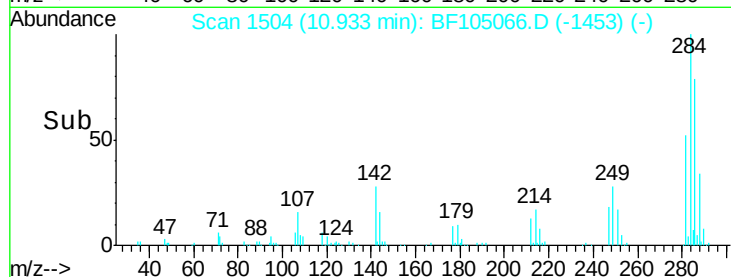
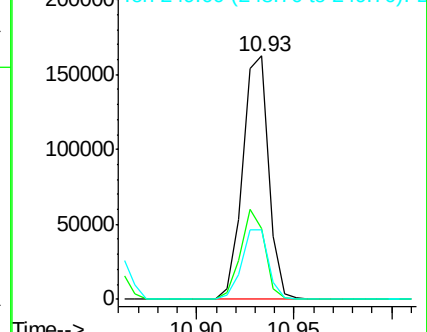
249 28.7 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 56.525 ng

RT: 11.02 min Scan# 1519

Delta R.T. -0.01 min

Lab File: BF105066.D

Acq: 3 May 2018 7:47

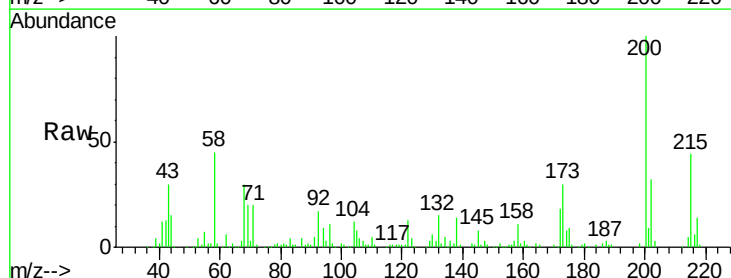
Tgt Ion:200 Resp: 145473

Ion Ratio Lower Upper

200 100

173 29.6 8.6 48.6

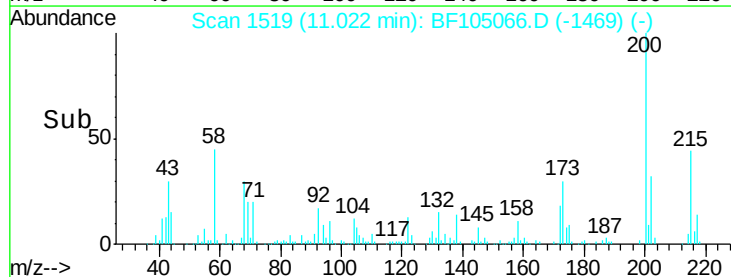
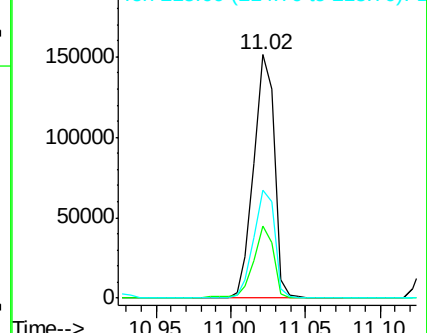
215 44.4 25.1 65.1

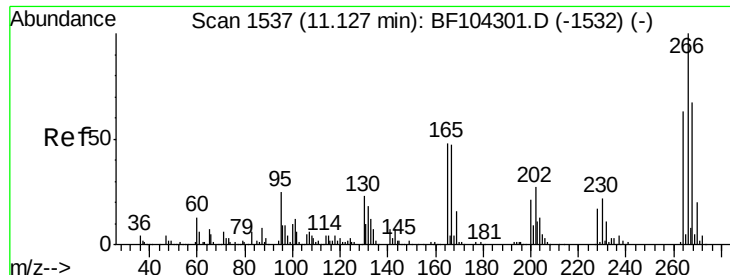


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 65.403 ng

RT: 11.13 min Scan# 1538

Delta R.T. -0.00 min

Lab File: BF105066.D

Acq: 3 May 2018 7:47

Instrument :

BNA_F

ClientSampleId :

PB108808BSD

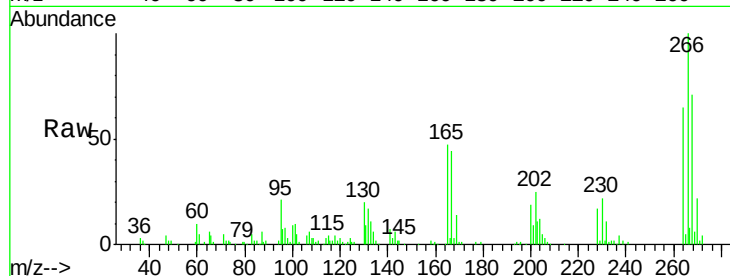
Tot Ion:266 Resp: 119085

Ion Ratio Lower Upper

266 100

268 70.5 51.1 76.7

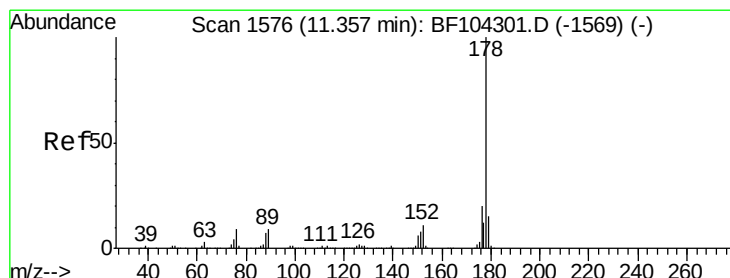
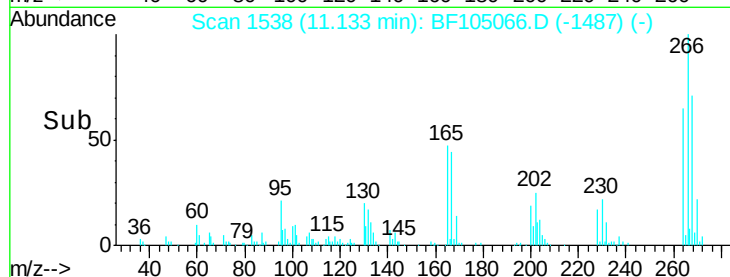
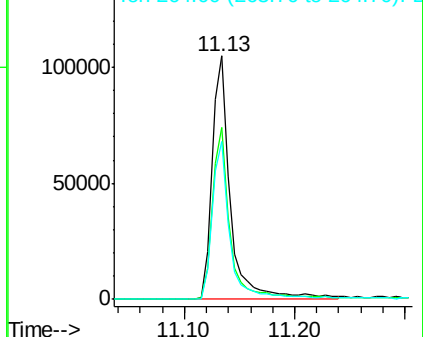
264 64.8 49.5 74.3



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: 48.307 ng

RT: 11.35 min Scan# 1574

Delta R.T. -0.01 min

Lab File: BF105066.D

Acq: 3 May 2018 7:47

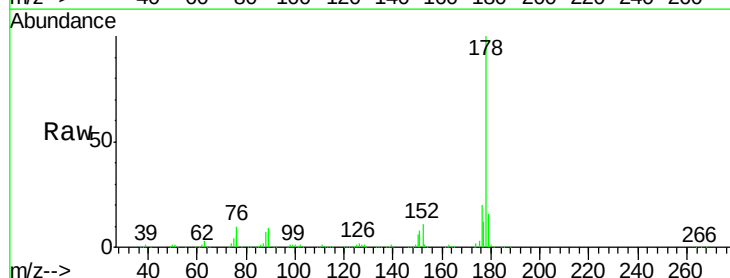
Tgt Ion:178 Resp: 661530

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.8

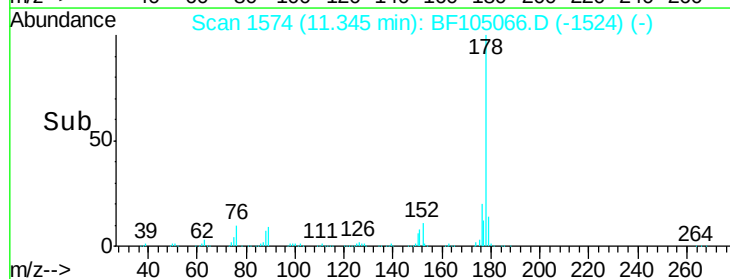
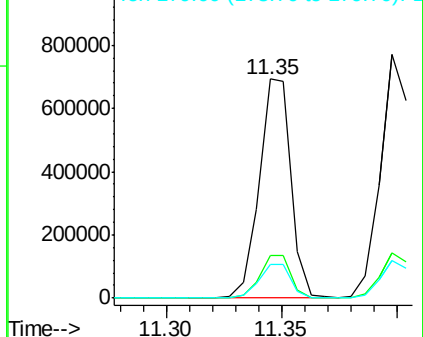
179 15.6 13.0 19.6

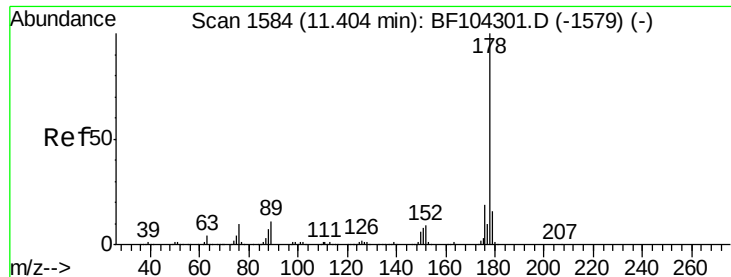


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

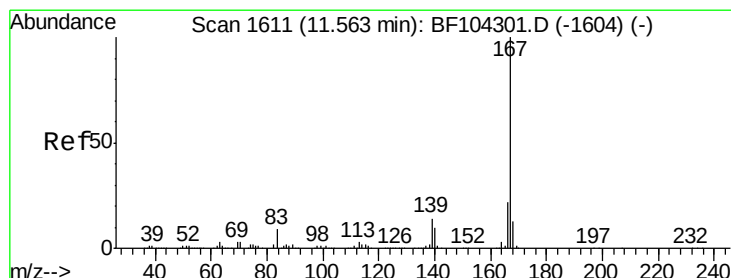
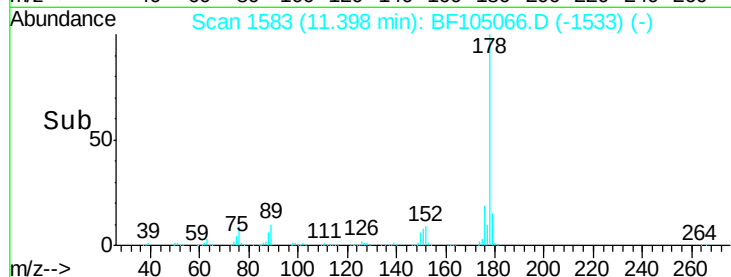
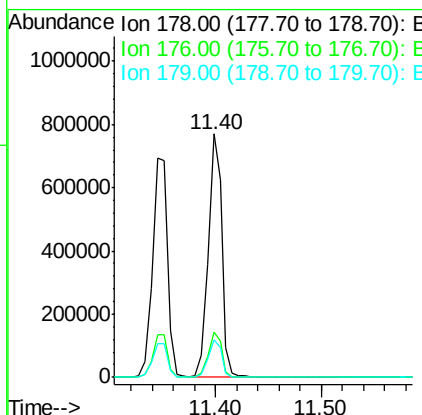
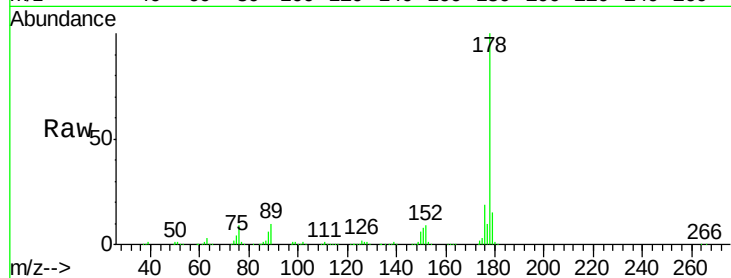




#71
 Anthracene
 Concen: 49.625 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.01 min
 Lab File: BF105066.D
 Acq: 3 May 2018 7:47

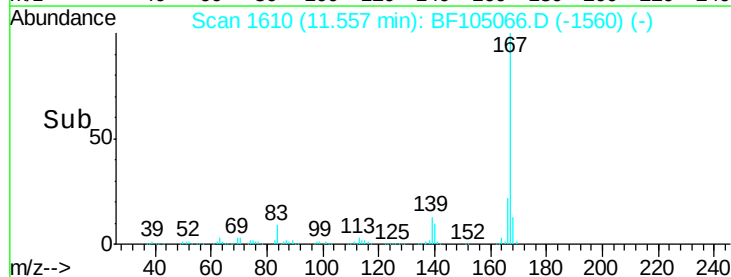
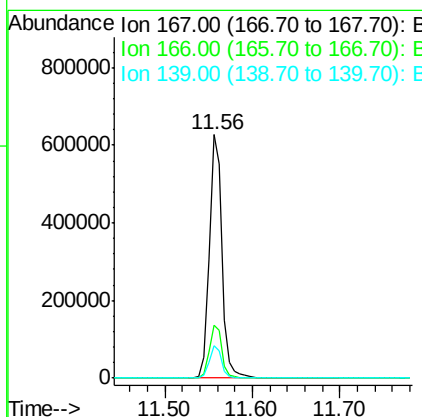
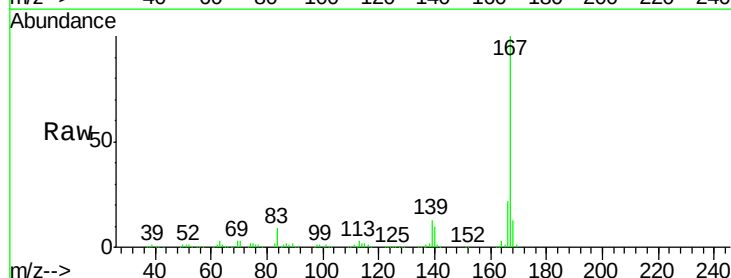
Instrument :
 BNA_F
 ClientSampleId :
 PB108808BSD

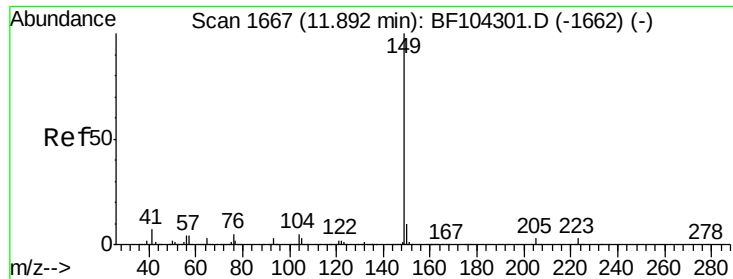
Tot Ion:178 Resp: 690802
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.4 23.2
 179 15.5 12.6 19.0



#72
 Carbazole
 Concen: 46.275 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.01 min
 Lab File: BF105066.D
 Acq: 3 May 2018 7:47

Tgt Ion:167 Resp: 629466
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.6 26.4
 139 13.2 10.9 16.3





#73

Di-n-butylphthalate

Concen: 49.607 ng

RT: 11.88 min Scan# 1665

Delta R.T. -0.00 min

Lab File: BF105066.D

Acq: 3 May 2018 7:47

Instrument :

BNA_F

ClientSampleId :

PB108808BSD

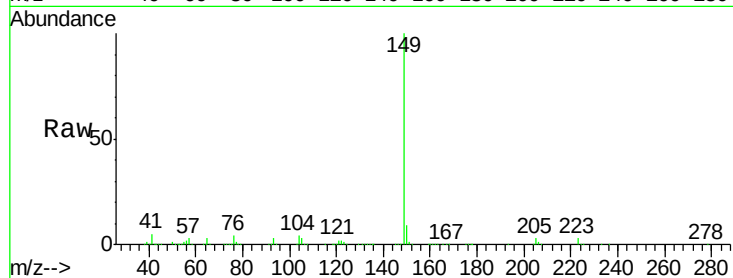
Tot Ion:149 Resp: 824300

Ion Ratio Lower Upper

149 100

150 9.0 7.8 11.6

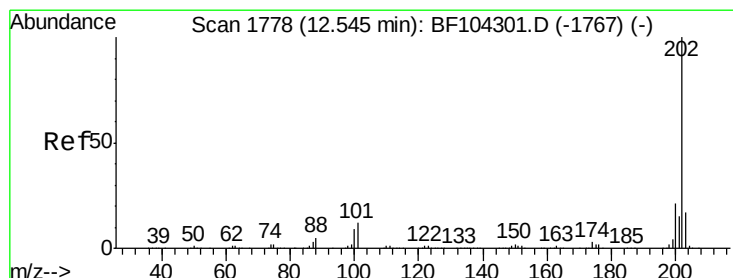
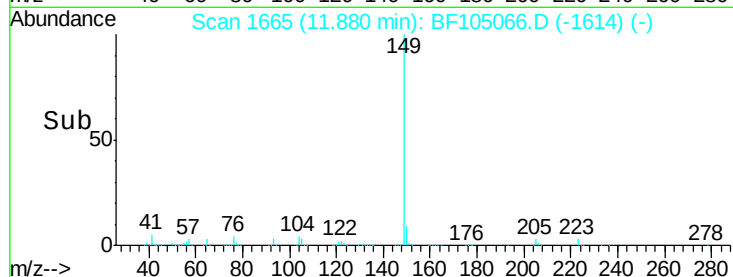
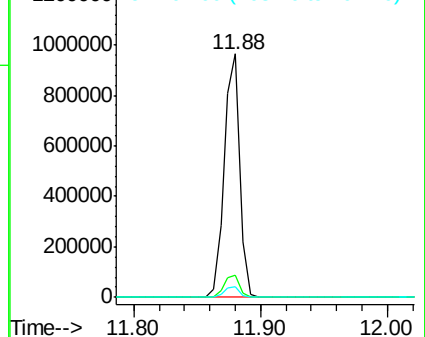
104 4.4 3.8 5.8



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: 45.989 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BF105066.D

Acq: 3 May 2018 7:47

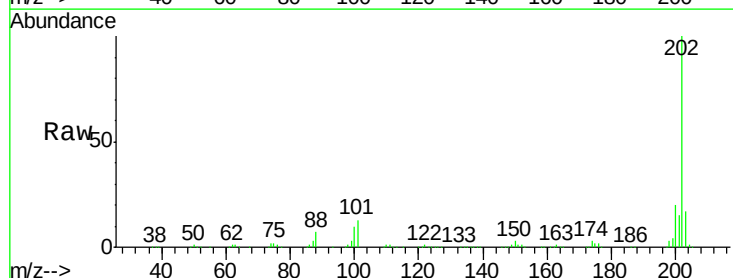
Tgt Ion:202 Resp: 658002

Ion Ratio Lower Upper

202 100

101 13.0 0.0 34.1

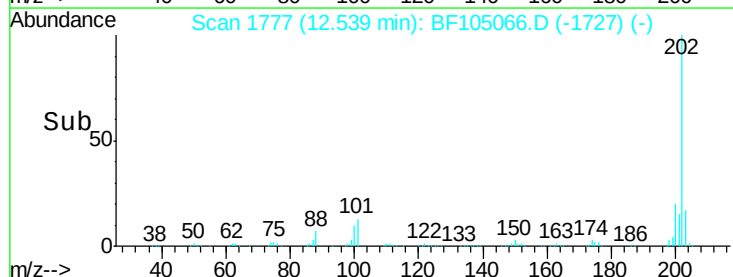
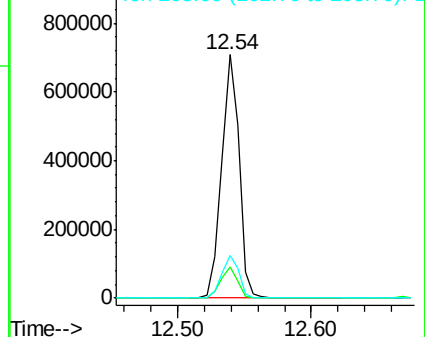
203 17.4 0.0 38.1

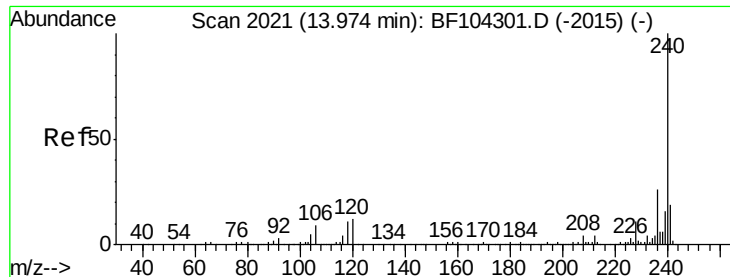


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF105066.D

Acq: 3 May 2018 7:47

Instrument :

BNA_F

ClientSampleId :

PB108808BSD

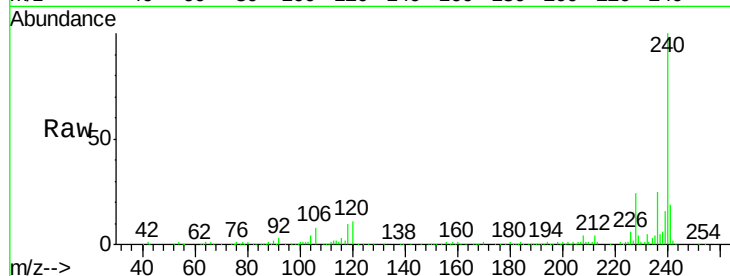
Tot Ion:240 Resp: 187787

Ion Ratio Lower Upper

240 100

120 11.3 9.5 14.3

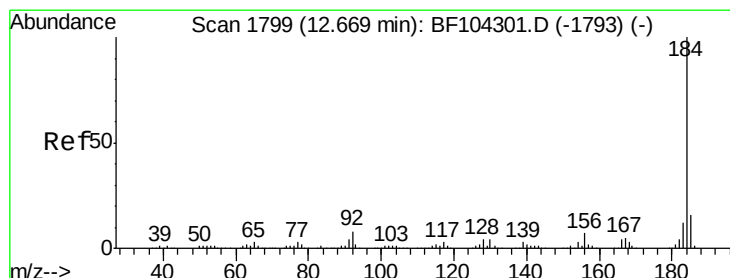
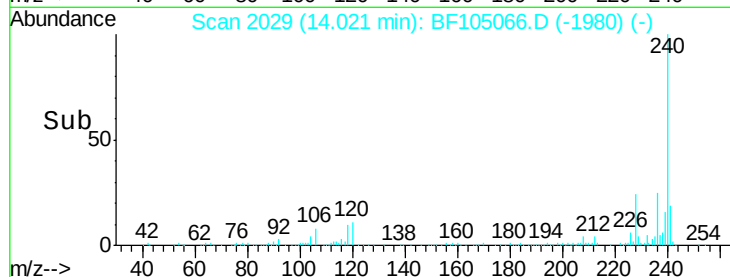
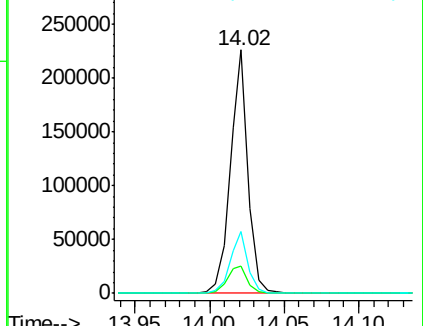
236 25.2 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 112.616 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.00 min

Lab File: BF105066.D

Acq: 3 May 2018 7:47

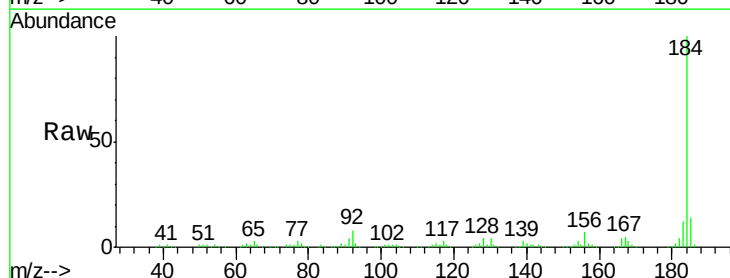
Tgt Ion:184 Resp: 432783

Ion Ratio Lower Upper

184 100

185 14.0 12.6 18.8

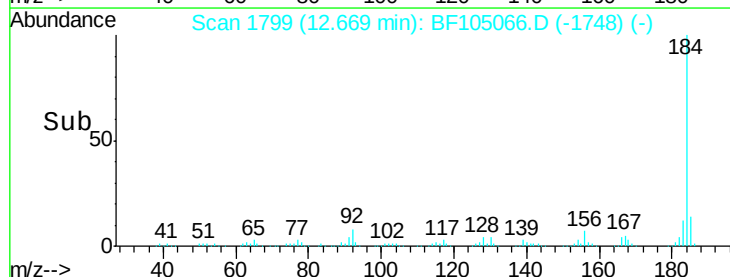
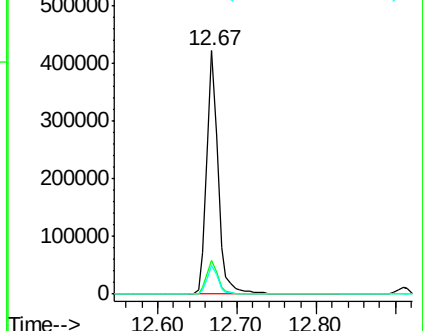
183 11.7 9.3 13.9

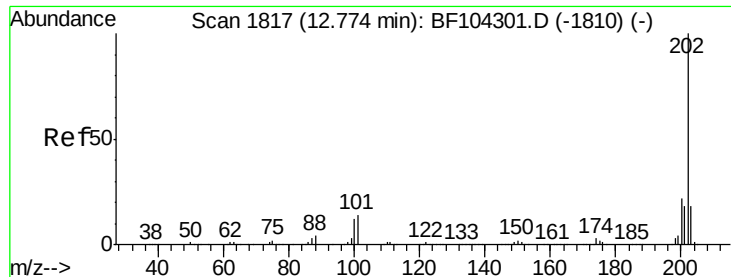


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

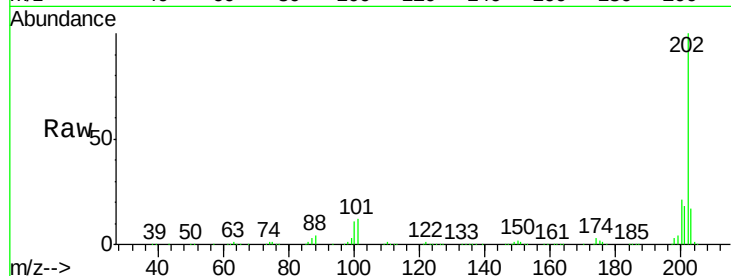




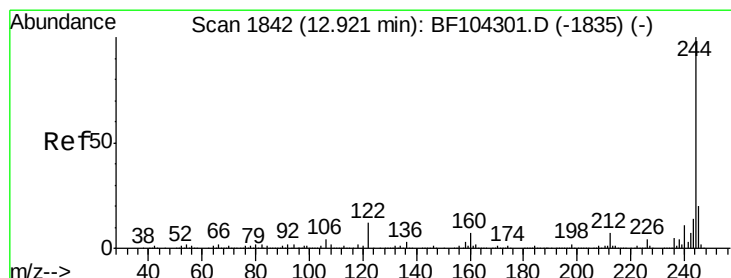
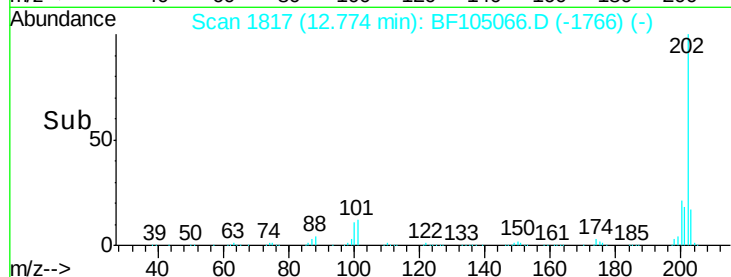
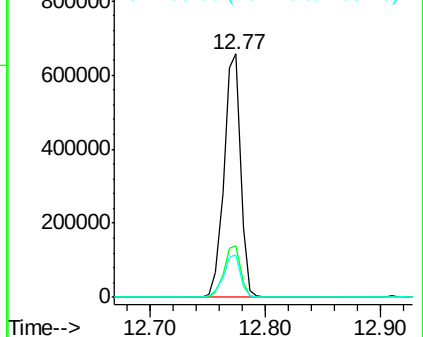
#77
Pvrene
Concen: 46.979 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.00 min
Lab File: BF105066.D
Acq: 3 May 2018 7:47

Instrument :
BNA_F
ClientSampleId :
PB108808BSD

Tot Ion:202 Resp: 653926
Ion Ratio Lower Upper
202 100
200 21.4 17.4 26.2
203 17.3 14.3 21.5

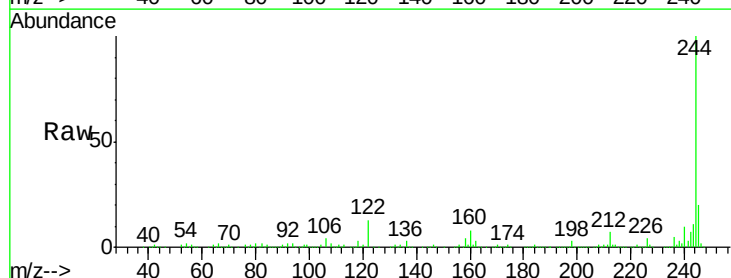


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

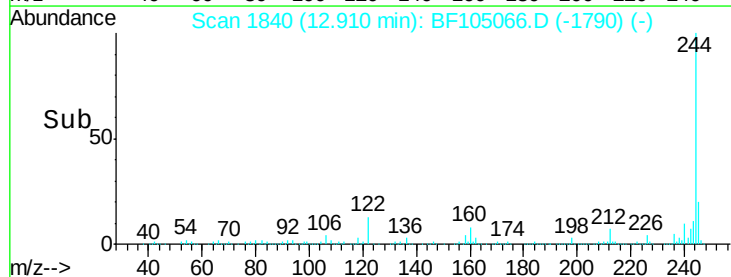
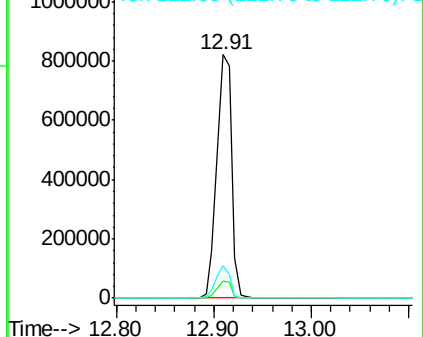


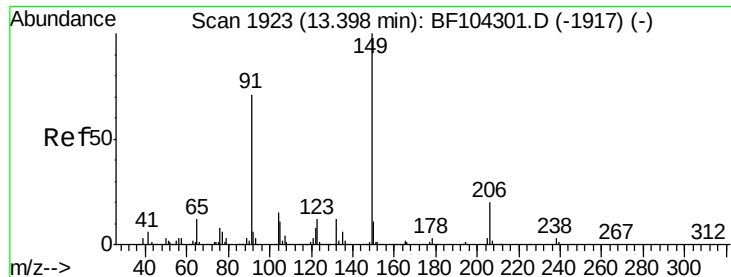
#78
Terphenyl-d14
Concen: 105.857 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF105066.D
Acq: 3 May 2018 7:47

Tgt Ion:244 Resp: 871934
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.0
122 13.3 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

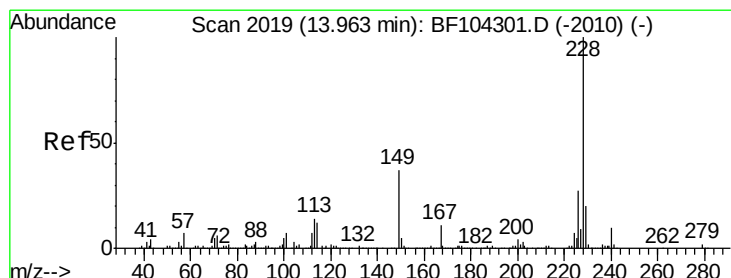
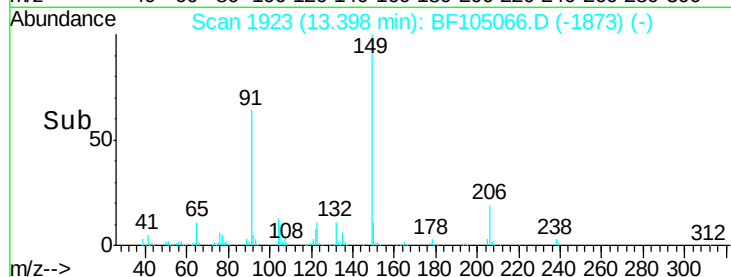
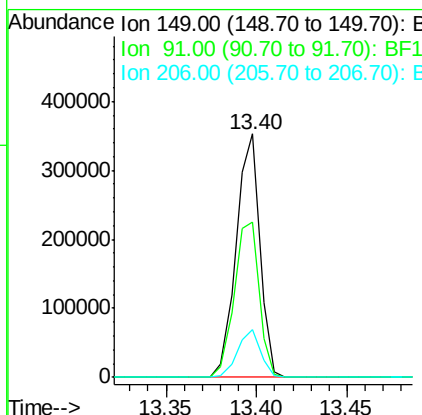
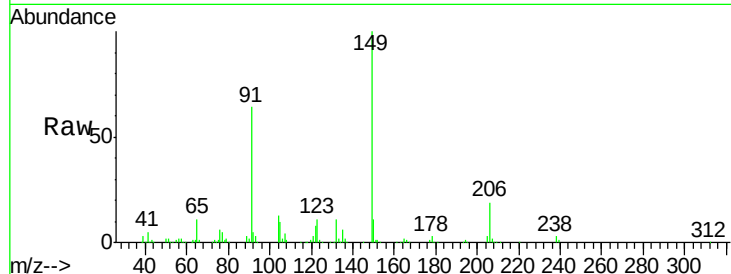




#79
Butylbenzylphthalate
Concen: 49.032 ng
RT: 13.40 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BF105066.D
Acq: 3 May 2018 7:47

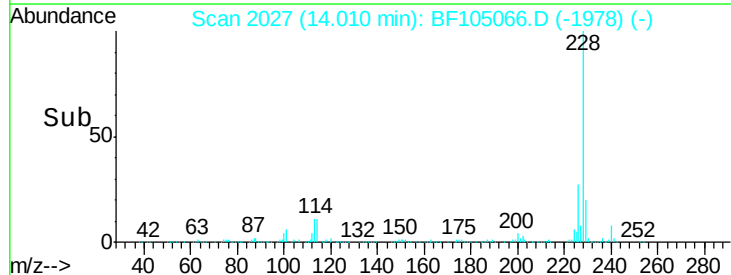
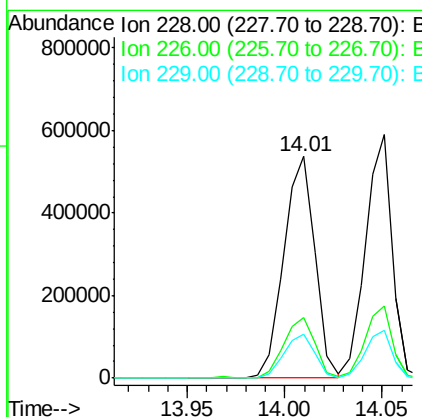
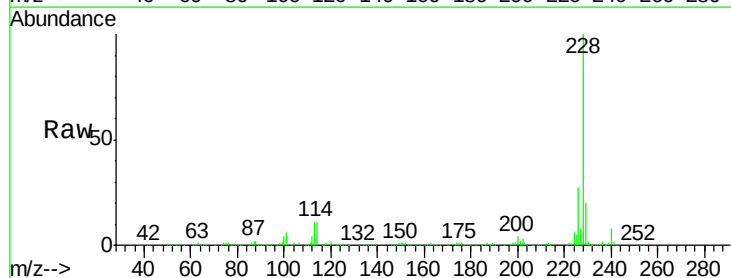
Instrument :
BNA_F
ClientSampleId :
PB108808BSD

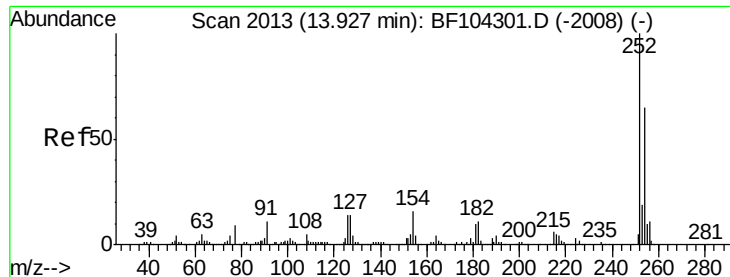
Tot Ion	Ratio	Lower	Upper
149	100		
91	63.6	56.8	85.2
206	19.4	14.1	21.1



#80
Benzo(a)anthracene
Concen: 52.744 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF105066.D
Acq: 3 May 2018 7:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	19.8	15.8	23.6





#81

3,3'-Dichlorobenzidine

Concen: 48.531 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF105066.D

Acq: 3 May 2018 7:47

Instrument :

BNA_F

ClientSampleId :

PB108808BSD

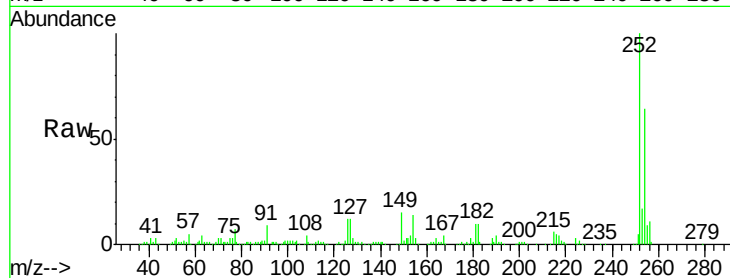
Tot Ion:252 Resp: 203001

Ion Ratio Lower Upper

252 100

254 63.7 50.4 75.6

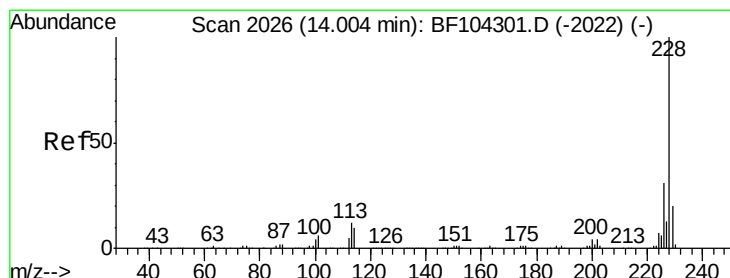
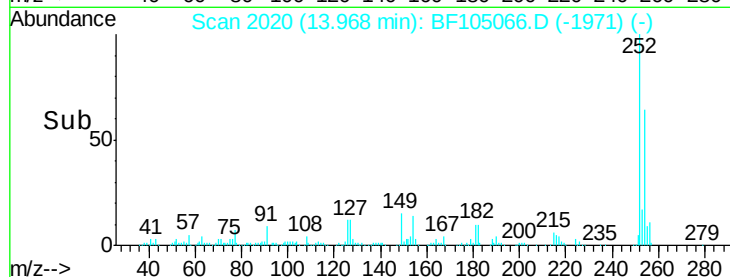
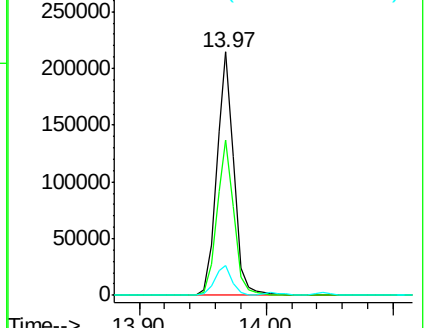
126 12.4 11.3 16.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 48.620 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF105066.D

Acq: 3 May 2018 7:47

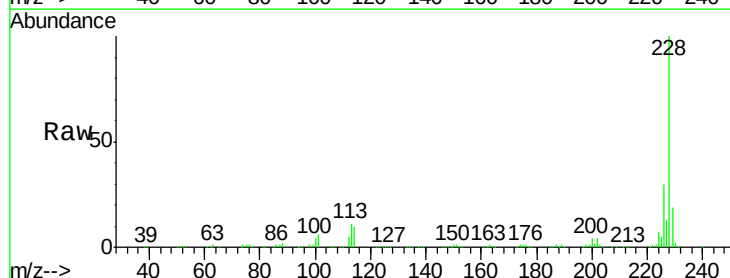
Tgt Ion:228 Resp: 560262

Ion Ratio Lower Upper

228 100

226 29.9 25.0 37.6

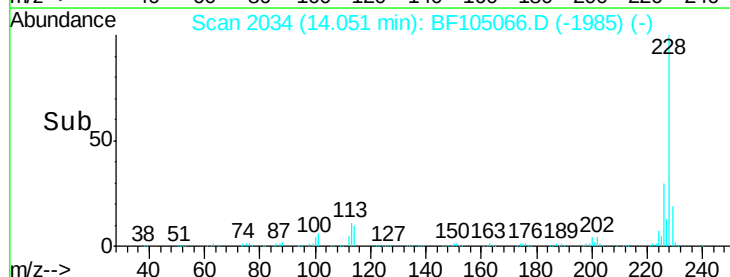
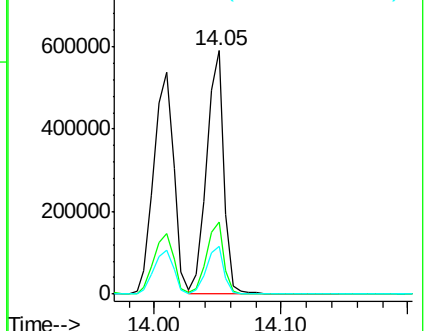
229 19.4 16.2 24.4

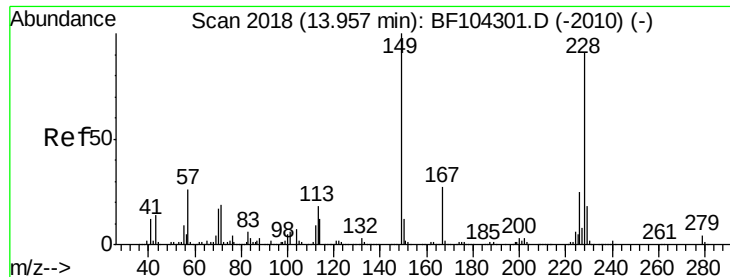


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 53.754 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF105066.D

Acq: 3 May 2018 7:47

Instrument :

BNA_F

ClientSampleId :

PB108808BSD

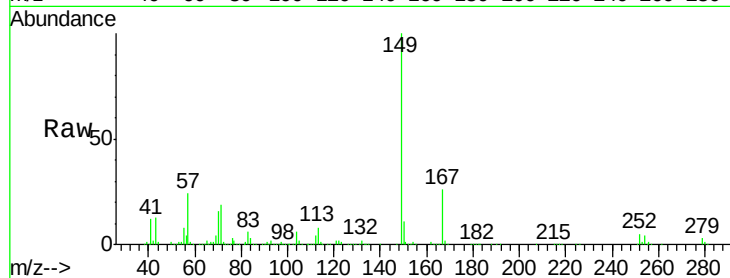
Tot Ion:149 Resp: 453405

Ion Ratio Lower Upper

149 100

167 26.0 21.3 31.9

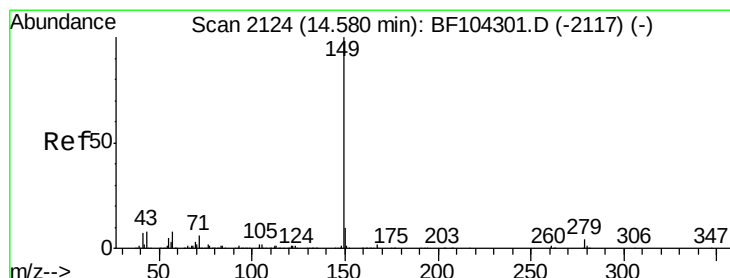
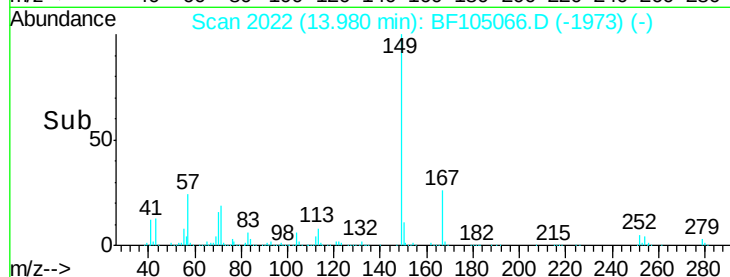
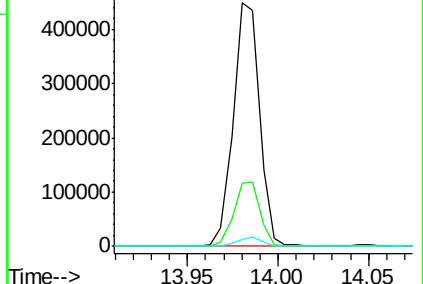
279 3.1 3.0 4.4



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: 53.110 ng

RT: 14.67 min Scan# 2139

Delta R.T. -0.01 min

Lab File: BF105066.D

Acq: 3 May 2018 7:47

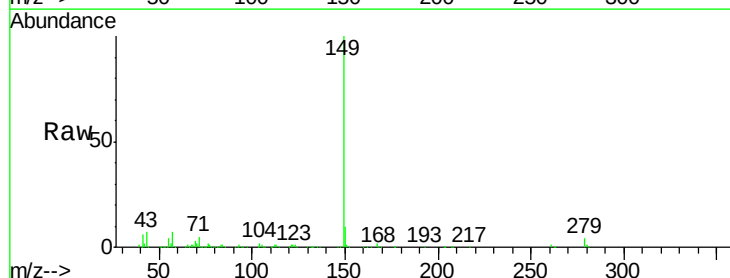
Tgt Ion:149 Resp: 748515

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

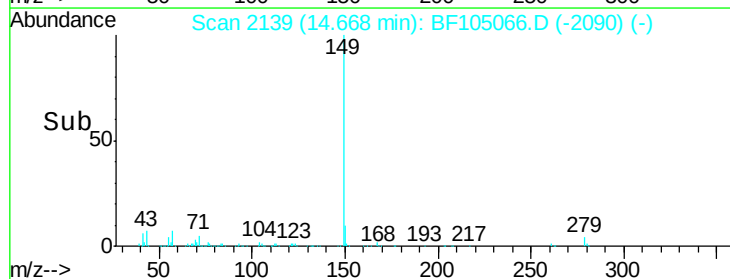
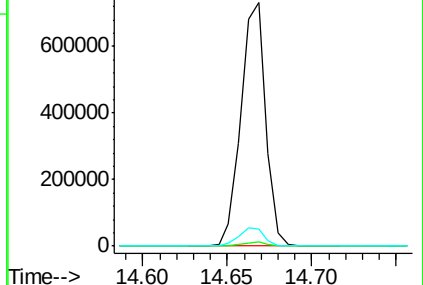
43 7.5 8.4 12.6#

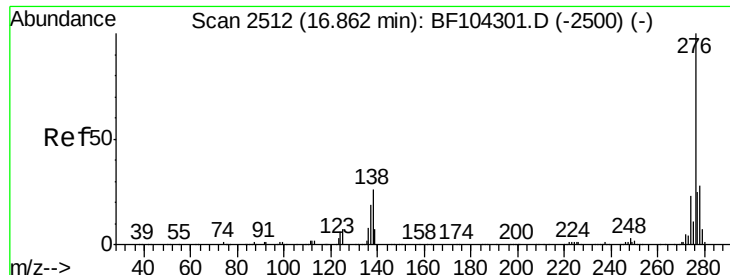


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

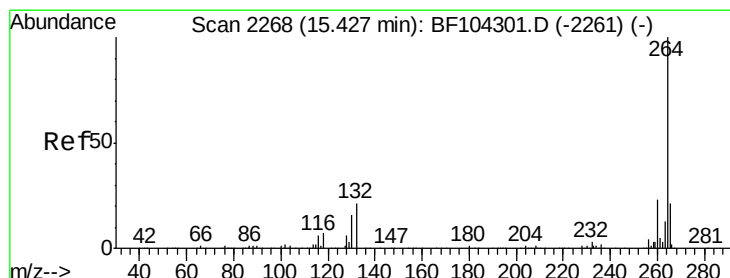
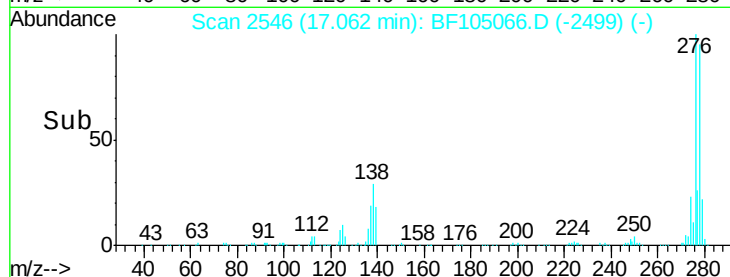
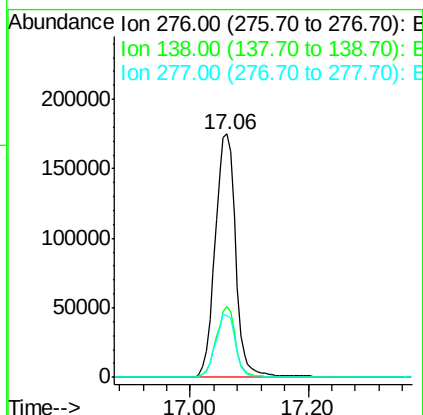
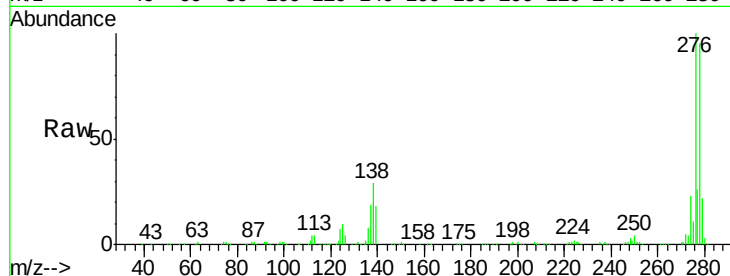




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.101 ng
 RT: 17.06 min Scan# 2546
 Delta R.T. -0.02 min
 Lab File: BF105066.D
 Acq: 3 May 2018 7:47

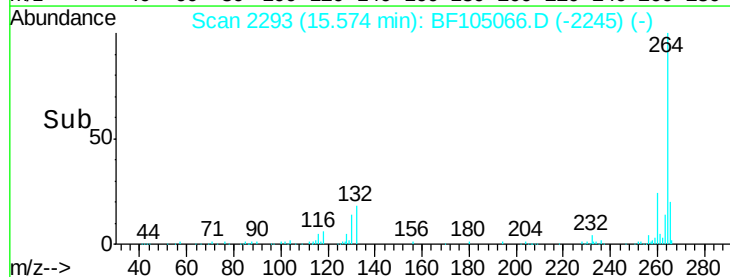
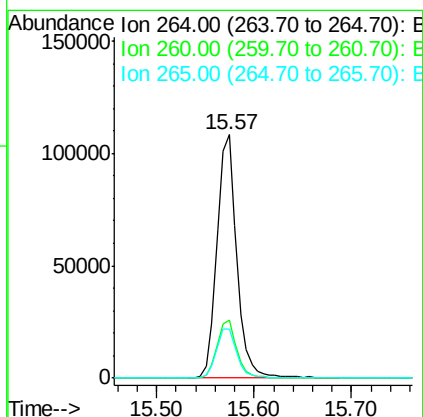
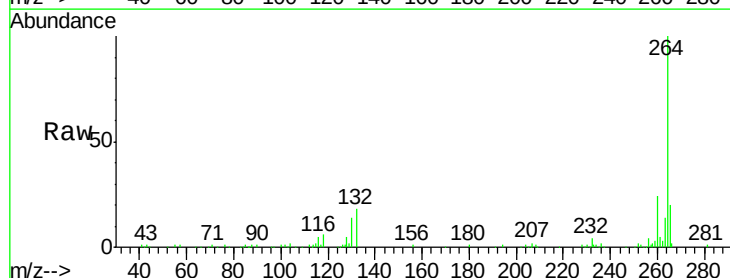
Instrument :
 BNA_F
 ClientSampleId :
 PB108808BSD

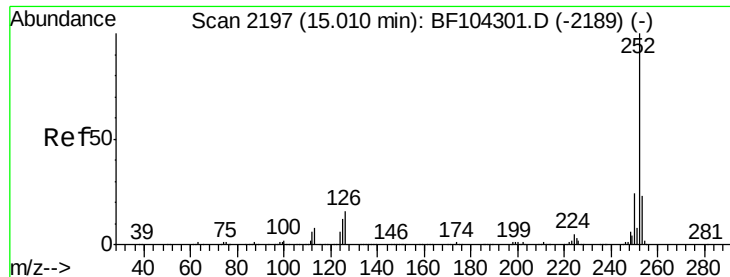
Tot Ion:276 Resp: 421908
 Ion Ratio Lower Upper
 276 100
 138 27.6 25.0 37.6
 277 25.4 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.57 min Scan# 2293
 Delta R.T. -0.02 min
 Lab File: BF105066.D
 Acq: 3 May 2018 7:47

Tgt Ion:264 Resp: 152657
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 20.2 17.5 26.3

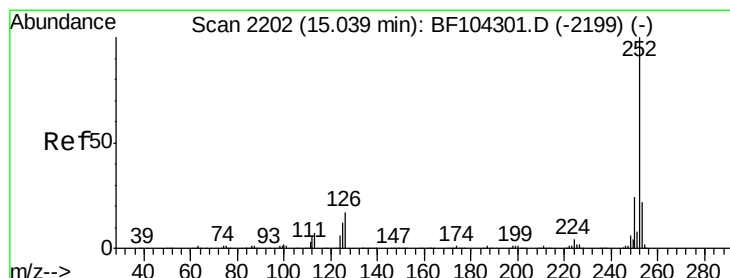
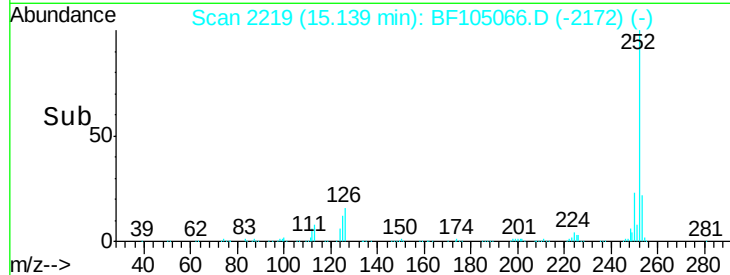
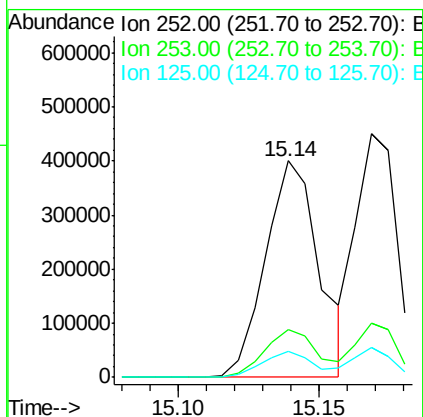
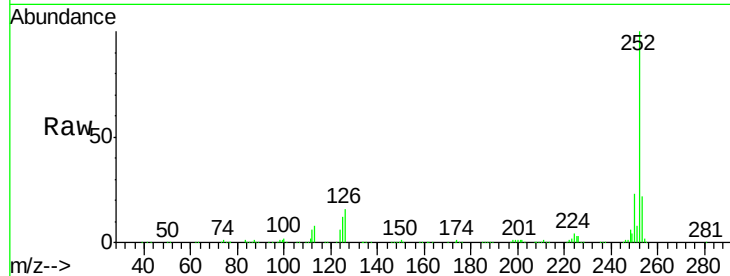




#87
Benzo(b)fluoranthene
Concen: 54.805 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.02 min
Lab File: BF105066.D
Acq: 3 May 2018 7:47

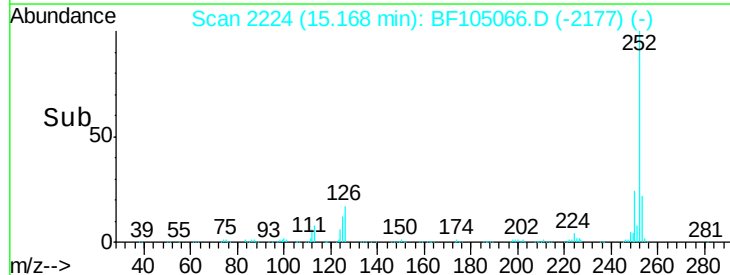
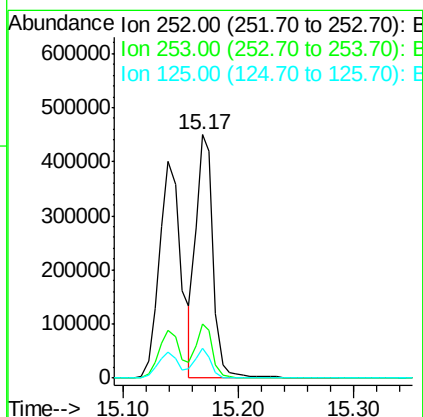
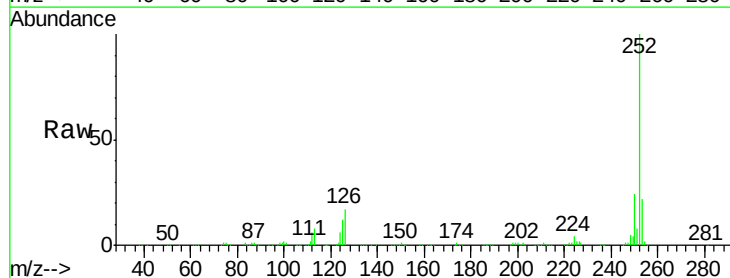
Instrument :
BNA_F
ClientSampleId :
PB108808BSD

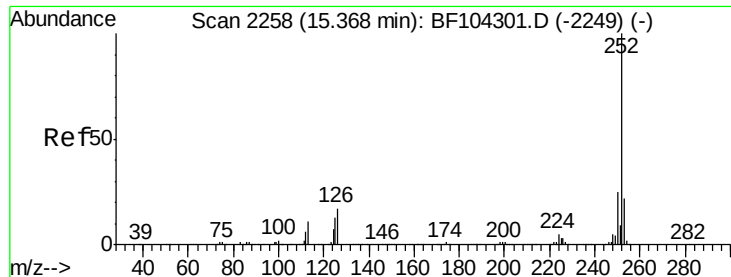
Tot Ion:252 Resp: 528404
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.6
125 12.0 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 51.483 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.02 min
Lab File: BF105066.D
Acq: 3 May 2018 7:47

Tgt Ion:252 Resp: 468626
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 12.3 10.2 15.2





#89

Benzo(a)pyrene

Concen: 52.117 ng

RT: 15.52 min Scan# 2283

Delta R.T. -0.02 min

Lab File: BF105066.D

Acq: 3 May 2018 7:47

Instrument :

BNA_F

ClientSampleId :

PB108808BSD

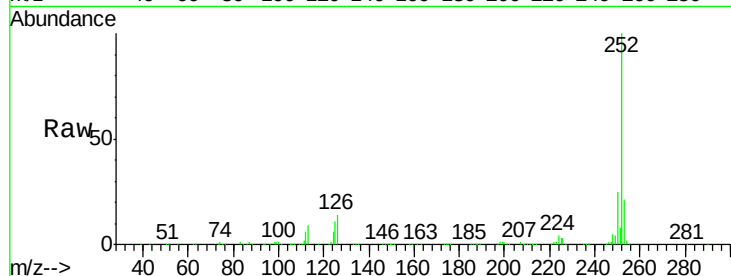
Tot Ion:252 Resp: 449599

Ion Ratio Lower Upper

252 100

253 20.8 17.1 25.7

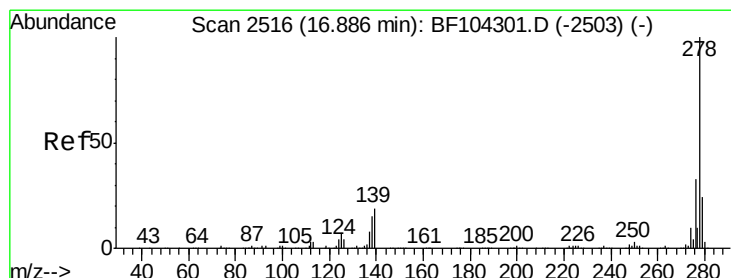
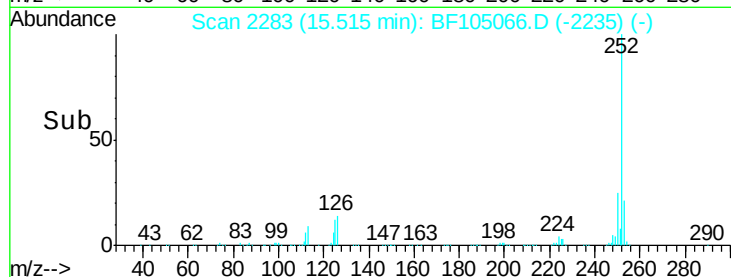
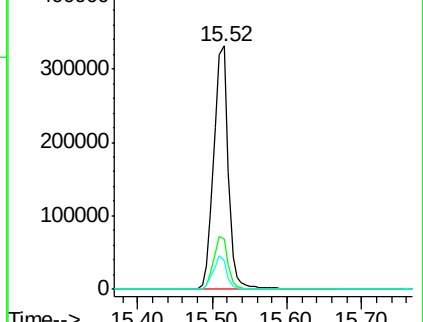
125 11.5 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 50.338 ng

RT: 17.07 min Scan# 2547

Delta R.T. -0.03 min

Lab File: BF105066.D

Acq: 3 May 2018 7:47

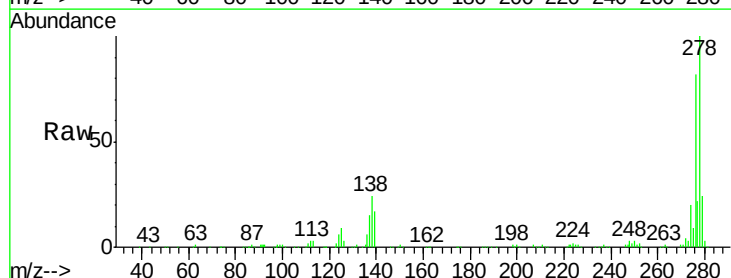
Tgt Ion:278 Resp: 356658

Ion Ratio Lower Upper

278 100

139 17.0 15.9 23.9

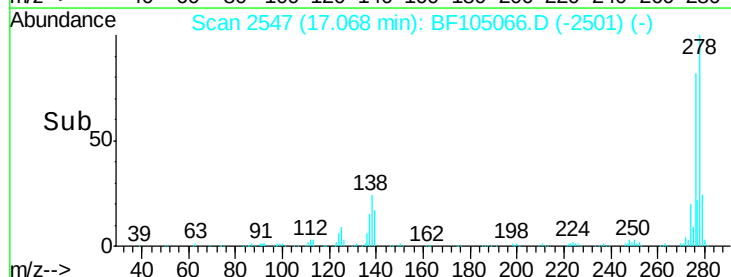
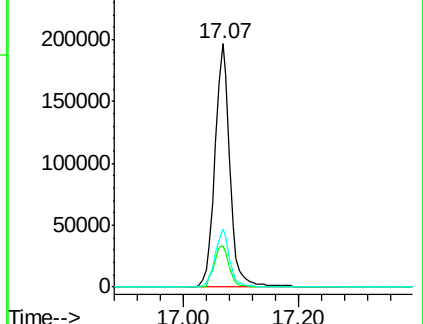
279 23.8 19.0 28.4

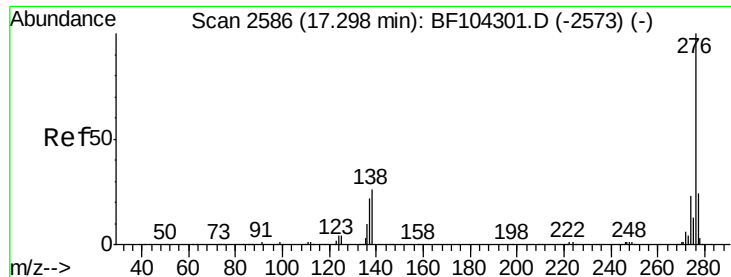


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

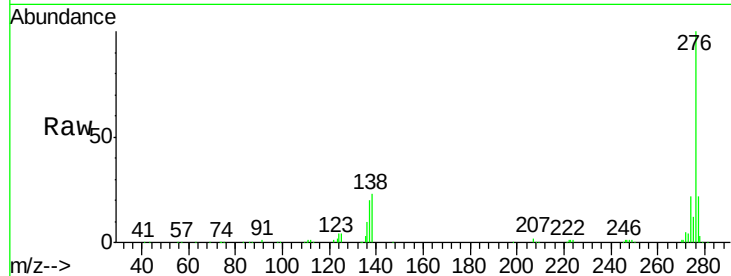




#91
 Benzo(a,h,i)perylene
 Concen: 49.707 ng
 RT: 17.50 min Scan# 2621
 Delta R.T. -0.03 min
 Lab File: BF105066.D
 Acq: 3 May 2018 7:47

Instrument :
 BNA_F
 ClientSampleId :
 PB108808BSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.4	17.9	26.9
138	22.7	21.8	32.8



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

