

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
 Data File : BF104334.D
 Acq On : 7 Apr 2018 4:08
 Operator : JU/SJ
 Sample : PB108048BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB108048BS

Quant Time: Apr 07 05:00:00 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 06 16:44:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	138902	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	562288	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	257781	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	405166	20.00	ng	0.00
75) Chrysene-d12	13.97	240	260527	20.00	ng	0.00
86) Perylene-d12	15.43	264	249017	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	802319	88.32	ng	0.02
7) Phenol-d6	6.43	99	998016	89.42	ng	0.00
23) Nitrobenzene-d5	7.37	82	853486	99.11	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	223869	83.72	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1483471	90.91	ng	0.00
78) Terphenyl-d14	12.92	244	1069764	93.61	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	160350	37.882	ng	91
3) Pyridine	3.33	79	459825	38.638	ng	89
4) n-Nitrosodimethylamine	3.30	42	184877	44.440	ng	83
6) Aniline	6.47	93	226314	14.594	ng	96
8) 2-Chlorophenol	6.59	128	427204	44.556	ng	93
9) Benzaldehyde	6.35	77	113529	16.279	ng	97
10) Phenol	6.45	94	521652	44.048	ng	100
11) bis(2-Chloroethyl)ether	6.55	93	399853	42.310	ng	95
12) 1,3-Dichlorobenzene	6.75	146	440066	40.513	ng	100
13) 1,4-Dichlorobenzene	6.82	146	444933	41.092	ng	99
14) 1,2-Dichlorobenzene	6.97	146	406882	40.550	ng	99
15) Benzyl Alcohol	6.95	79	351381	41.449	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	521470	41.087	ng	93
17) 2-Methylphenol	7.06	107	354121	42.489	ng	98
18) Hexachloroethane	7.32	117	152205	39.426	ng	95
19) n-Nitroso-di-n-propylamine	7.23	70	284970	39.071	ng	92
20) 3+4-Methylphenols	7.21	107	414450	40.095	ng	# 81
22) Acetophenone	7.22	105	561335	40.549	ng	96
24) Nitrobenzene	7.39	77	422747	44.466	ng	97
25) Isophorone	7.63	82	802573	44.075	ng	98
26) 2-Nitrophenol	7.70	139	210616	54.417	ng	99
27) 2,4-Dimethylphenol	7.74	122	400740	49.866	ng	99
28) bis(2-Chloroethoxy)methane	7.84	93	506165	45.464	ng	99
29) 2,4-Dichlorophenol	7.95	162	341917	44.591	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	349156	41.491	ng	99
31) Naphthalene	8.11	128	1178976	42.108	ng	99
32) Benzoic acid	7.87	122	282159	44.004	ng	95
33) 4-Chloroaniline	8.16	127	114212	9.521	ng	97
34) Hexachlorobutadiene	8.23	225	187708	40.723	ng	98
35) Caprolactam	8.49	113	6133	2.293	ng	97
36) 4-Chloro-3-methylphenol	8.64	107	368597	44.831	ng	98
37) 2-Methylnaphthalene	8.80	142	768668	42.442	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	320936	43.492	ng	99
40) Hexachlorocyclopentadiene	8.95	237	137282	33.231	ng	100

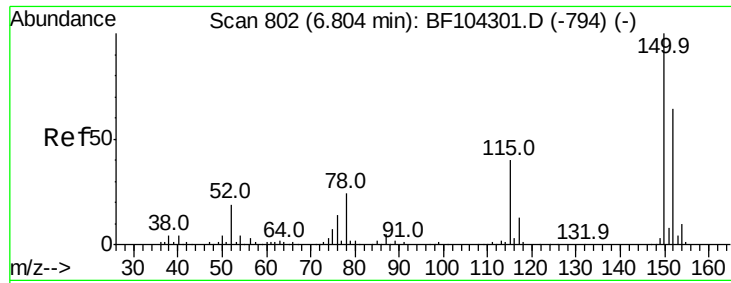
Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	233226	45.530	ng	97
43) 2,4,5-Trichlorophenol	9.12	196	233494	40.733	ng	96
45) 1,1'-Biphenyl	9.27	154	906557	41.863	ng	100
46) 2-Chloronaphthalene	9.29	162	710008	41.509	ng	99
47) 2-Nitroaniline	9.39	65	213545	50.483	ng	95
48) Acenaphthylene	9.71	152	1071143	39.913	ng	99
49) Dimethylphthalate	9.57	163	843230	41.481	ng	100
50) 2,6-Dinitrotoluene	9.63	165	185985	49.445	ng	95
51) Acenaphthene	9.88	154	663943	40.548	ng	100
52) 3-Nitroaniline	9.80	138	92497	21.005	ng	97
53) 2,4-Dinitrophenol	9.90	184	61985	49.419	ng	# 19
54) Dibenzofuran	10.06	168	950130	41.637	ng	99
55) 4-Nitrophenol	9.96	139	315533	91.217	ng	91
56) 2,4-Dinitrotoluene	10.03	165	237043	48.043	ng	97
57) Fluorene	10.40	166	680735	40.984	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	184603	43.167	ng	96
59) Diethylphthalate	10.27	149	820680	40.537	ng	97
60) 4-Chlorophenyl-phenylether	10.39	204	313825	42.426	ng	97
61) 4-Nitroaniline	10.42	138	157662	36.617	ng	99
62) Azobenzene	10.55	77	778551	40.252	ng	94
64) 4,6-Dinitro-2-methylphenol	10.44	198	46643	27.367	ng	82
65) n-Nitrosodiphenylamine	10.51	169	655253	46.643	ng	99
66) 4-Bromophenyl-phenylether	10.88	248	199972	46.401	ng	91
67) Hexachlorobenzene	10.94	284	209781	43.260	ng	95
68) Atrazine	11.04	200	201501	47.520	ng	98
69) Pentachlorophenol	11.13	266	215789	71.929	ng	97
70) Phenanthrene	11.36	178	944157	41.845	ng	99
71) Anthracene	11.41	178	970966	42.334	ng	99
72) Carbazole	11.56	167	886165	39.539	ng	100
73) Di-n-butylphthalate	11.90	149	1203433	43.956	ng	99
74) Fluoranthene	12.54	202	844226	35.811	ng	99
76) Benzidine	12.67	184	363710	41.670	ng	99
77) Pyrene	12.77	202	821154	42.522	ng	100
79) Butylbenzylphthalate	13.40	149	412576	45.349	ng	98
80) Benzo(a)anthracene	13.97	228	662868	42.589	ng	98
81) 3,3'-Dichlorobenzidine	13.93	252	236477	40.750	ng	# 97
82) Chrysene	14.00	228	677238	42.362	ng	99
83) Bis(2-ethylhexyl)phthalate	13.96	149	533593	45.598	ng	99
84) Di-n-octyl phthalate	14.58	149	905582	46.314	ng	97
85) Indeno(1,2,3-cd)pyrene	16.87	276	579711	42.687	ng	98
87) Benzo(b)fluoranthene	15.02	252	704207	44.776	ng	99
88) Benzo(k)fluoranthene	15.04	252	646245	43.524	ng	98
89) Benzo(a)pyrene	15.37	252	633027	44.984	ng	98
90) Dibenzo(a,h)anthracene	16.90	278	489594	42.362	ng	99
91) Benzo(g,h,i)perylene	17.32	276	452257	40.390	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.80 min Scan# 802

Delta R.T. -0.00 min

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PB108048BS

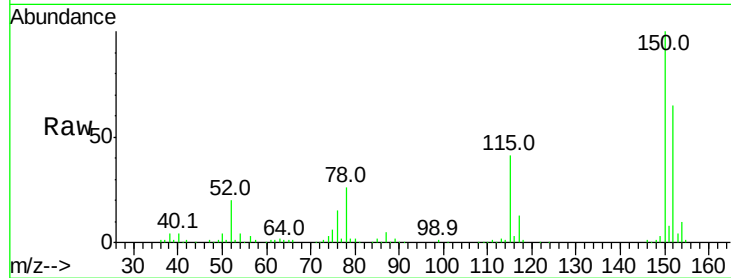
Tot Ion:152 Resp: 138902

Ion Ratio Lower Upper

152 100

150 154.2 124.6 186.8

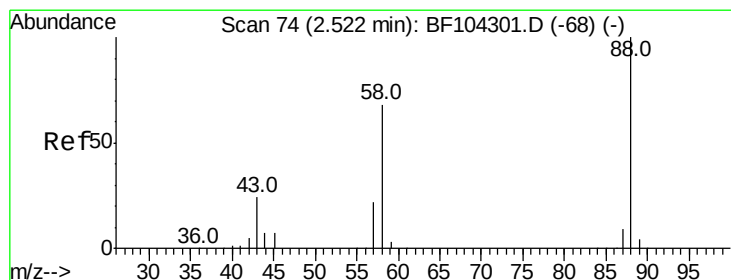
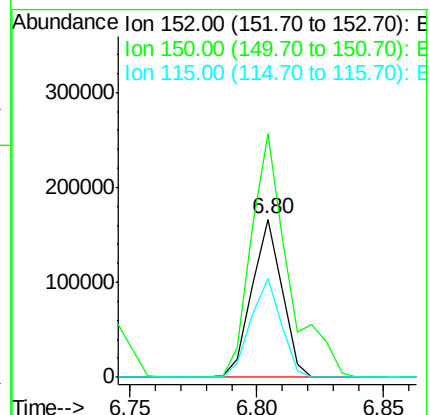
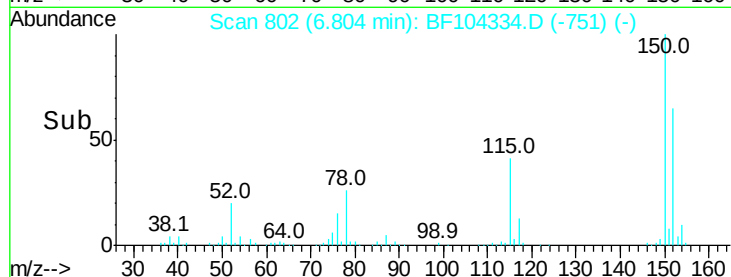
115 62.7 50.1 75.1



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: 37.882 ng

RT: 2.61 min Scan# 89

Delta R.T. 0.09 min

Lab File: BF104334.D

Acq: 7 Apr 2018 4:08

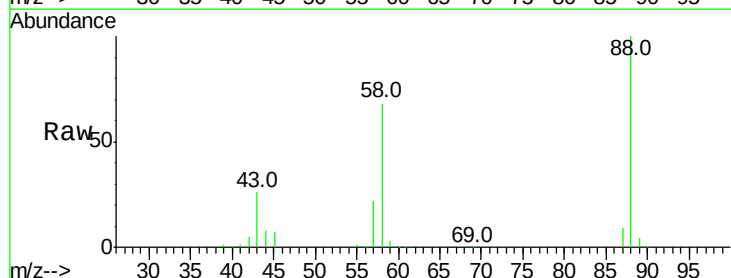
Tgt Ion: 88 Resp: 160350

Ion Ratio Lower Upper

88 100

58 69.1 62.6 93.8

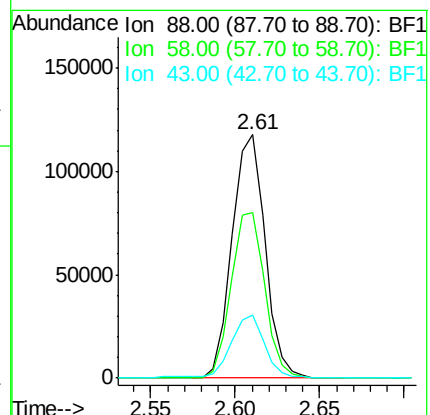
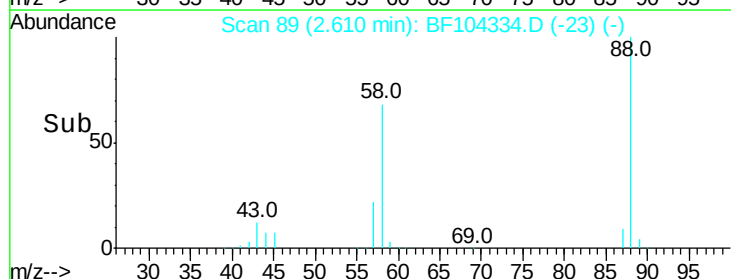
43 27.2 24.6 37.0

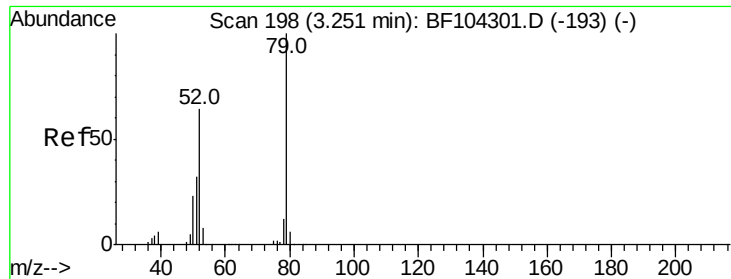


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

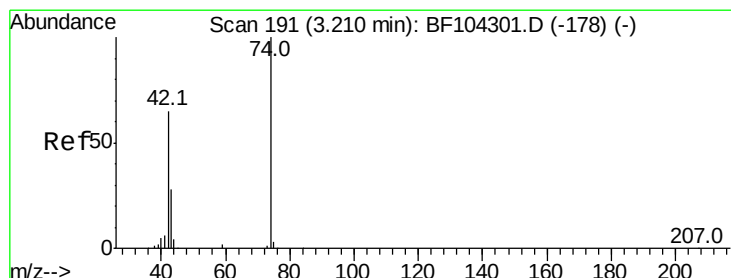
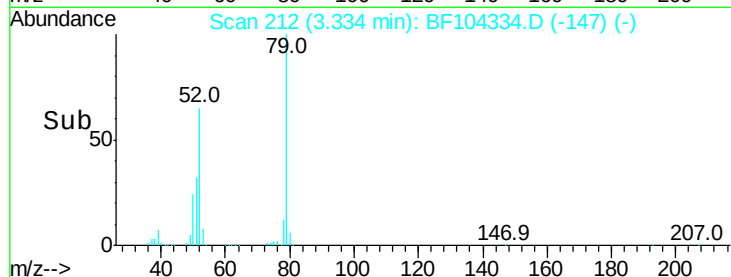
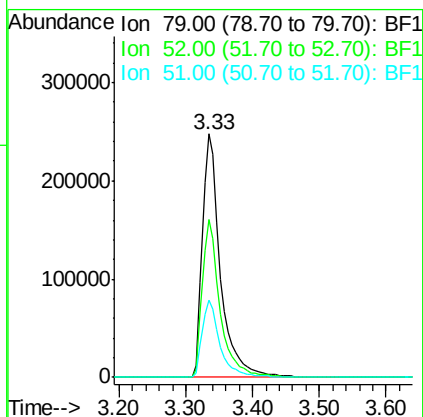
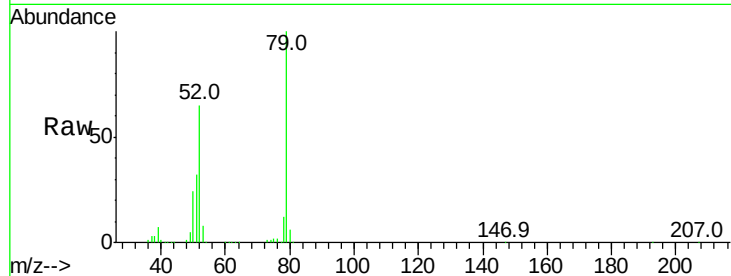




#3
 Pvridine
 Concen: 38.638 ng
 RT: 3.33 min Scan# 212
 Delta R.T. 0.08 min
 Lab File: BF104334.D
 Acq: 7 Apr 2018 4:08

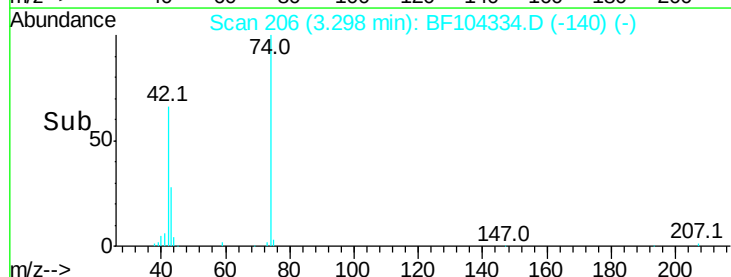
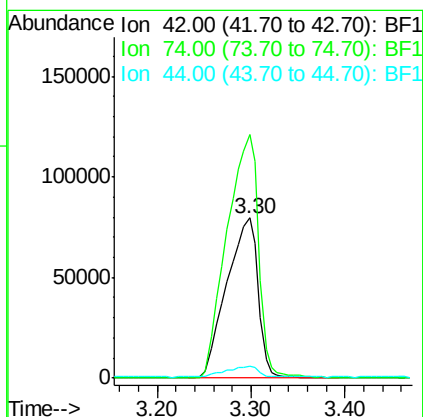
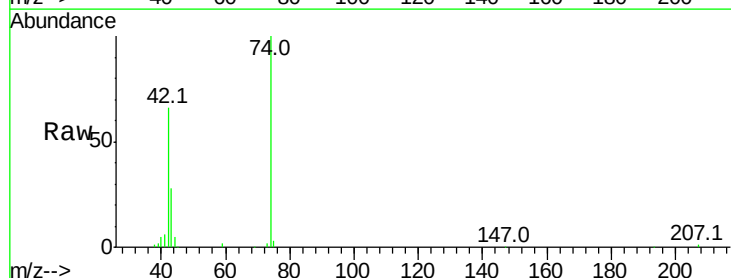
Instrument :
 BNA_F
 ClientSampleId :
 PB108048BS

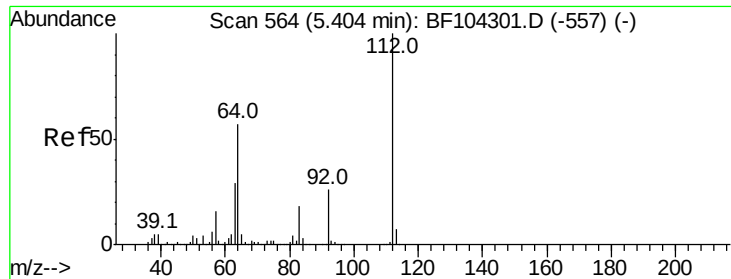
Tot Ion: 79 Resp: 459825
 Ion Ratio Lower Upper
 79 100
 52 65.0 59.8 89.6
 51 31.7 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 44.440 ng
 RT: 3.30 min Scan# 206
 Delta R.T. 0.09 min
 Lab File: BF104334.D
 Acq: 7 Apr 2018 4:08

Tgt Ion: 42 Resp: 184877
 Ion Ratio Lower Upper
 42 100
 74 152.2 104.9 157.3
 44 7.4 6.9 10.3





#5

2-Fluorophenol

Concen: 88.321 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.02 min

Lab File: BF104334.D

Acq: 7 Apr 2018 4:08

Instrument :

BNA_F

ClientSampleId :

PB108048BS

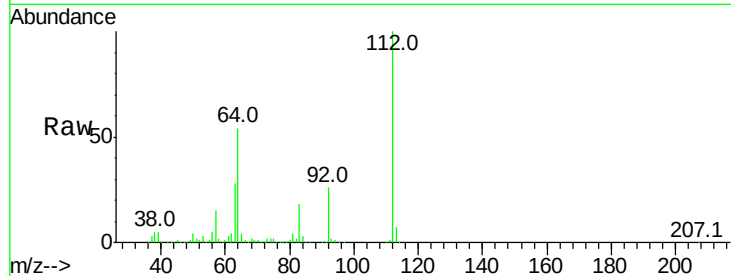
Tot Ion:112 Resp: 802319

Ion Ratio Lower Upper

112 100

64 54.3 47.9 71.9

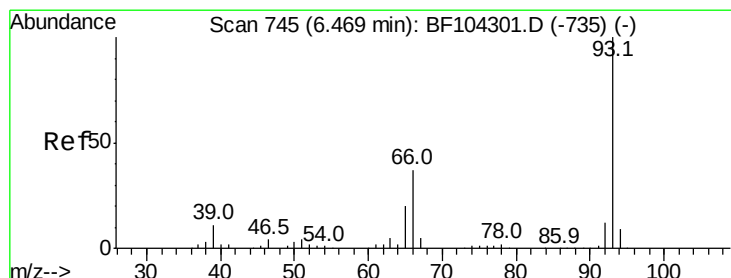
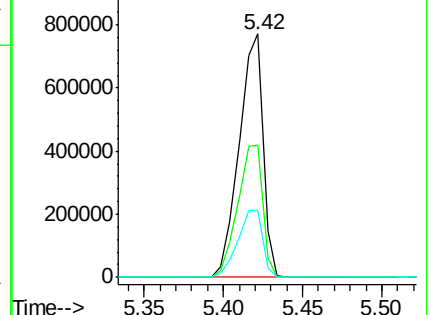
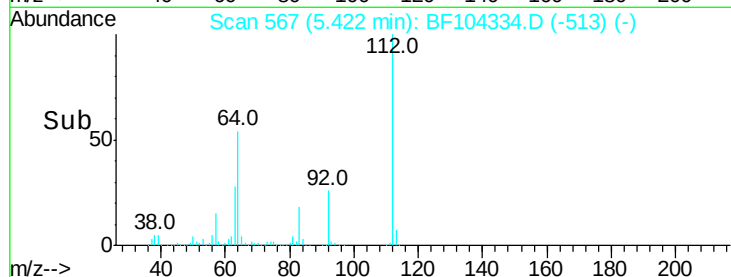
63 27.6 23.7 35.5



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: 14.594 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF104334.D

Acq: 7 Apr 2018 4:08

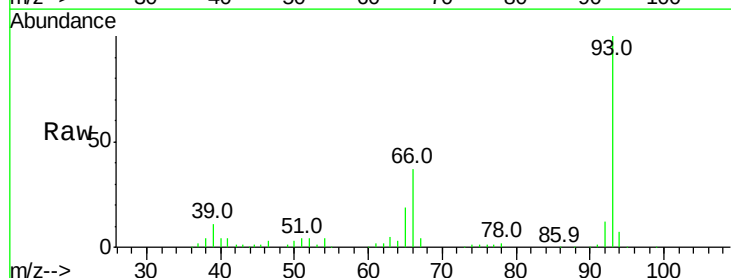
Tgt Ion: 93 Resp: 226314

Ion Ratio Lower Upper

93 100

66 37.1 32.2 48.2

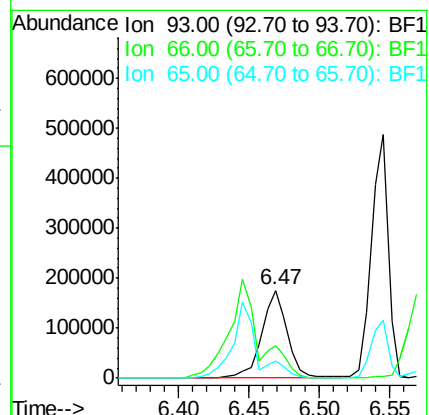
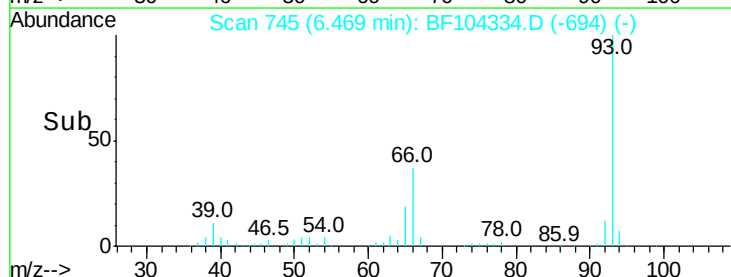
65 19.0 16.4 24.6

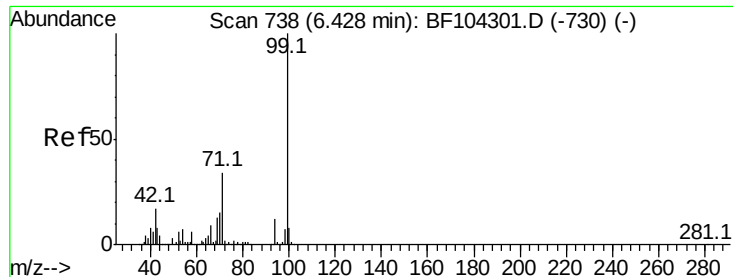


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 89.416 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF104334.D

Acq: 7 Apr 2018 4:08

Instrument :

BNA_F

ClientSampleId :

PB108048BS

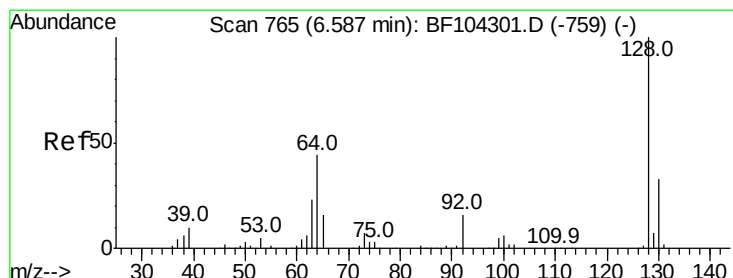
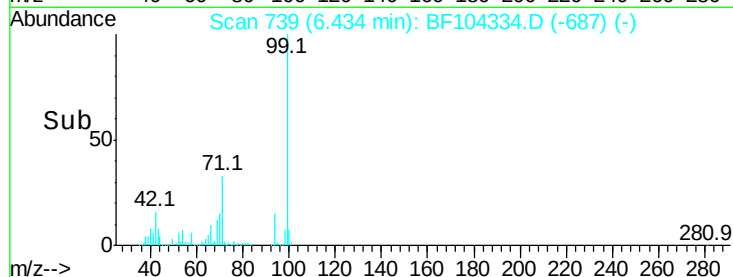
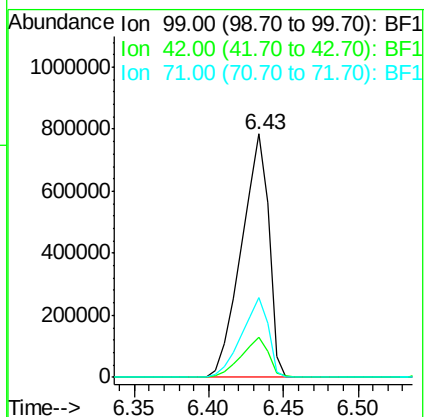
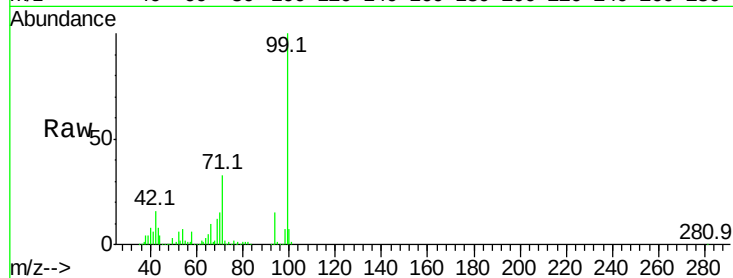
Tot Ion: 99 Resp: 998016

Ion Ratio Lower Upper

99 100

42 16.4 14.5 21.7

71 32.9 25.4 38.0



#8

2-Chlorophenol

Concen: 44.556 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF104334.D

Acq: 7 Apr 2018 4:08

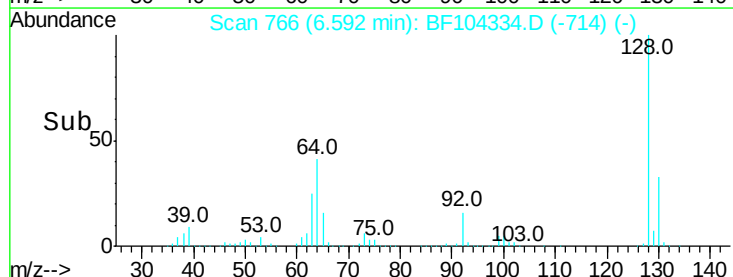
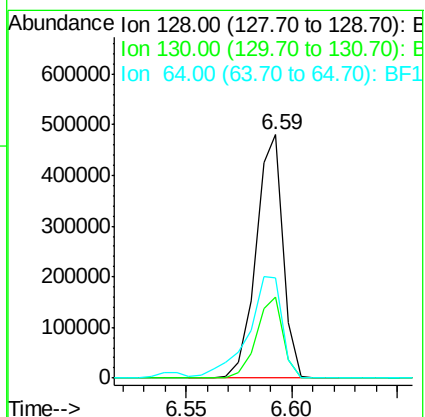
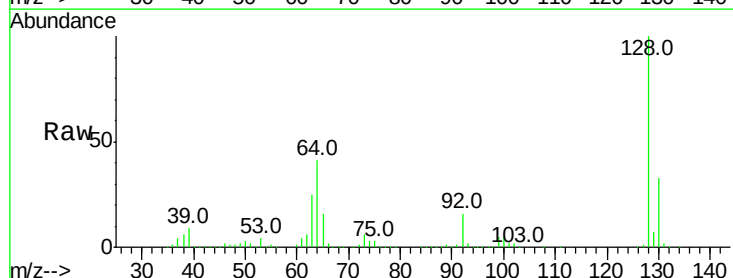
Tgt Ion: 128 Resp: 427204

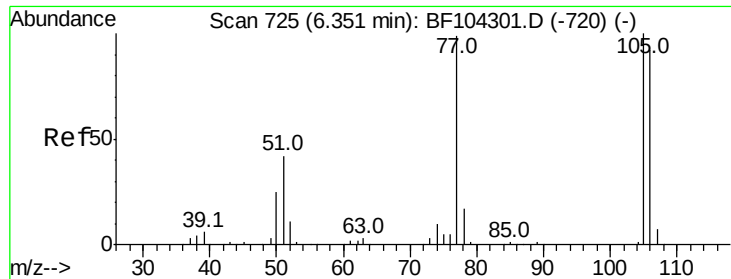
Ion Ratio Lower Upper

128 100

130 33.0 13.0 53.0

64 41.4 29.4 69.4

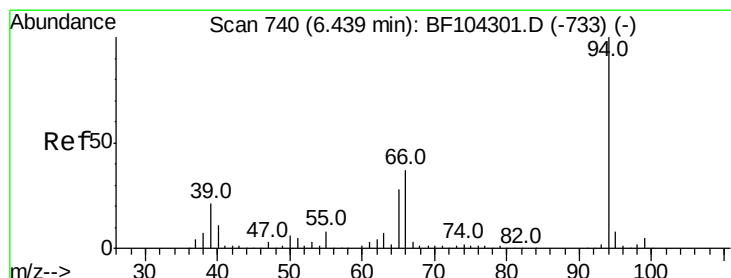
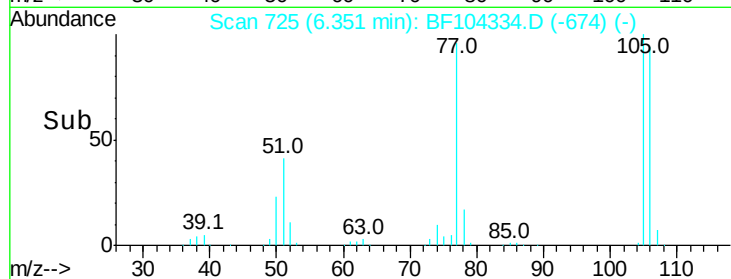
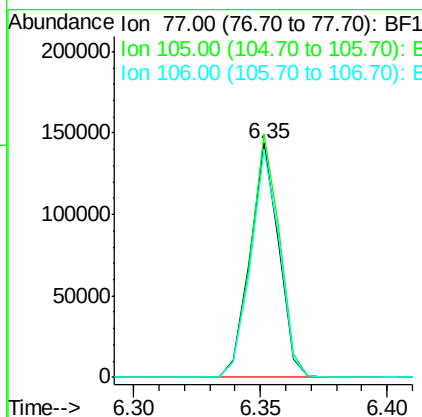
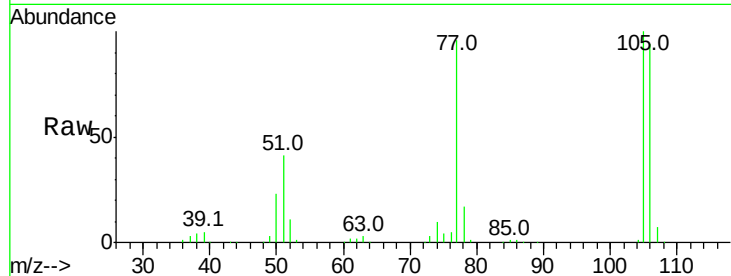




#9
Benzaldehyde
Concen: 16.279 ng
RT: 6.35 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF104334.D
Acq: 7 Apr 2018 4:08

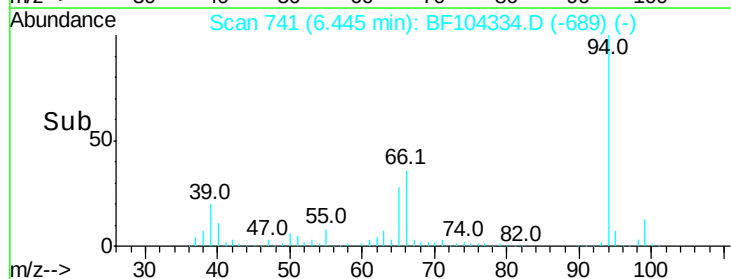
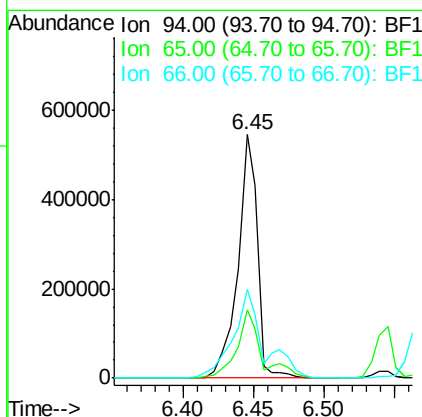
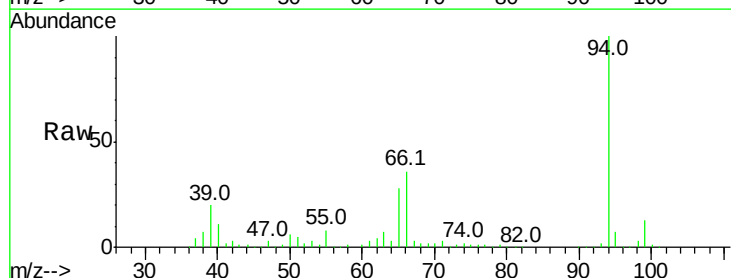
Instrument :
BNA_F
ClientSampleId :
PB108048BS

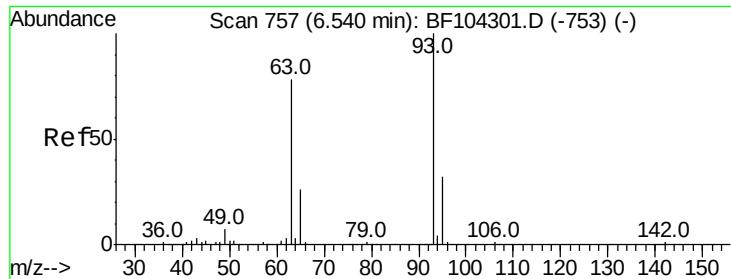
Tot Ion	Ratio	Lower	Upper
77	100		
105	104.0	81.1	121.1
106	97.3	74.5	114.5



#10
Phenol
Concen: 44.048 ng
RT: 6.45 min Scan# 741
Delta R.T. 0.01 min
Lab File: BF104334.D
Acq: 7 Apr 2018 4:08

Tgt Ion	Ratio	Lower	Upper
94	100		
65	27.8	7.9	47.9
66	36.5	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 42.310 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.01 min

Lab File: BF104334.D

Acq: 7 Apr 2018 4:08

Instrument :

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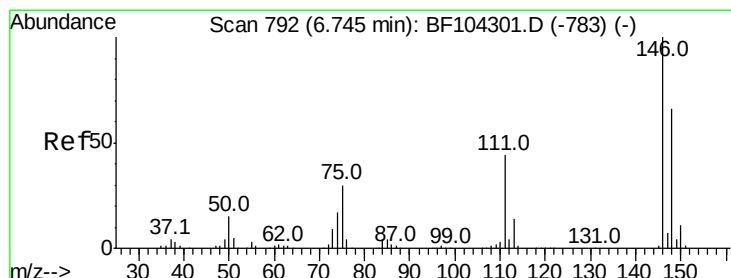
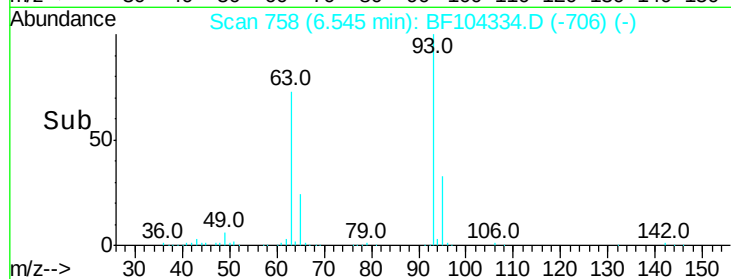
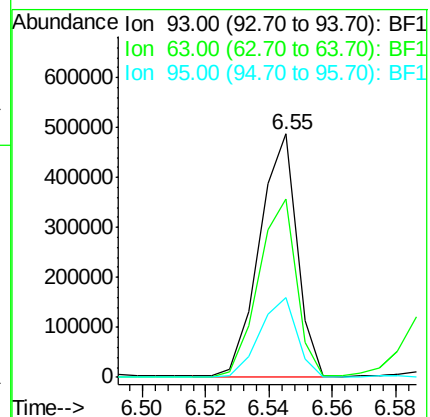
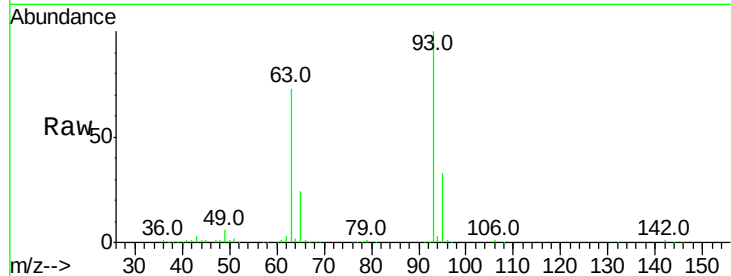
Tot Ion: 93 Resp: 399853

Ion Ratio Lower Upper

93 100

63 73.1 58.6 98.6

95 32.8 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 40.513 ng

RT: 6.75 min Scan# 792

Delta R.T. -0.00 min

Lab File: BF104334.D

Acq: 7 Apr 2018 4:08

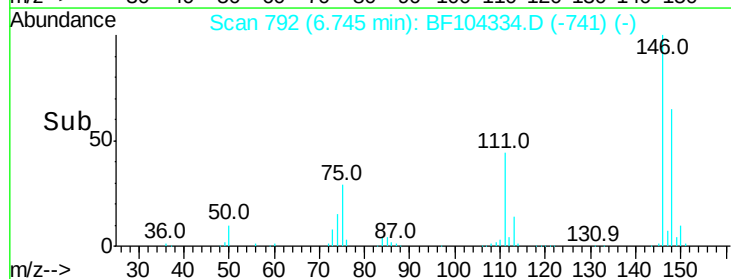
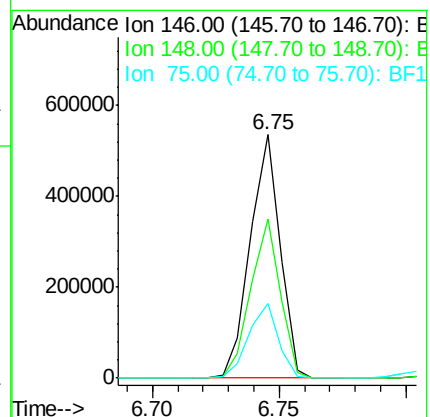
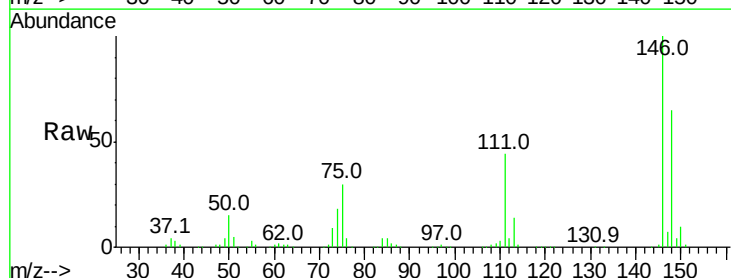
Tgt Ion: 146 Resp: 440066

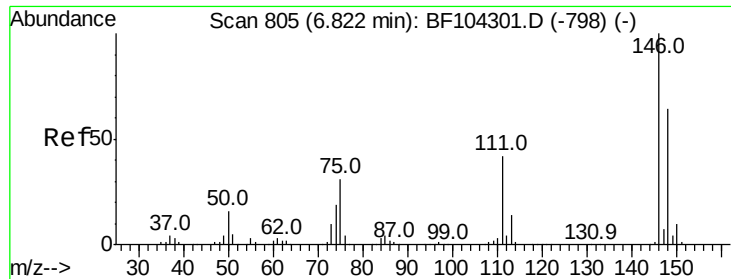
Ion Ratio Lower Upper

146 100

148 65.1 51.8 77.8

75 30.4 24.2 36.4

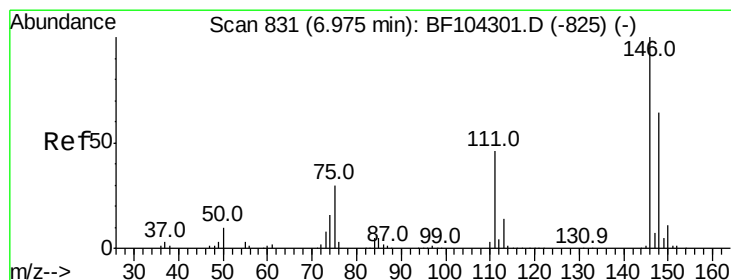
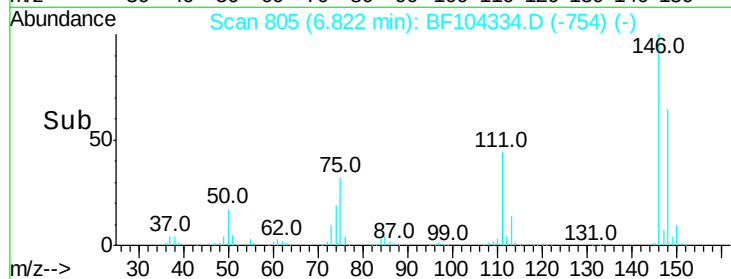
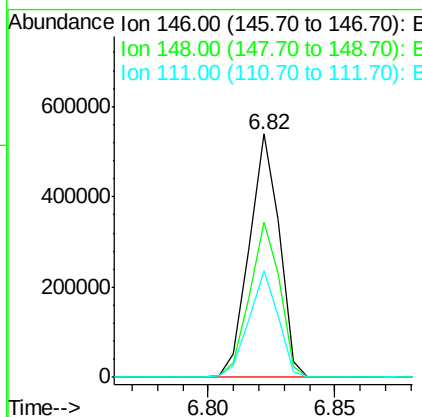
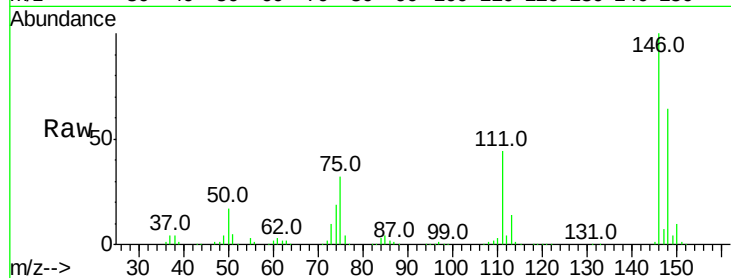




#13
 1,4-Dichlorobenzene
 Concen: 41.092 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF104334.D
 Acq: 7 Apr 2018 4:08

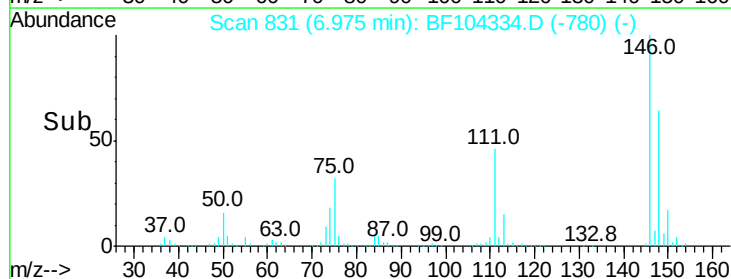
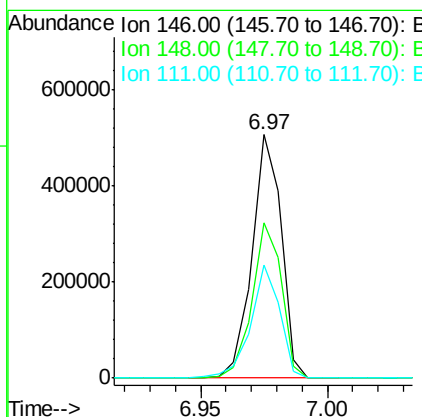
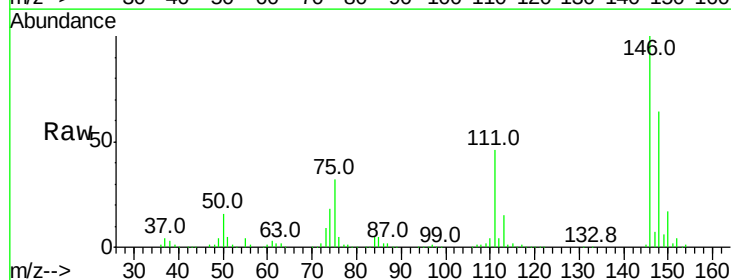
Instrument :
 BNA_F
 ClientSampleId :
 PB108048BS

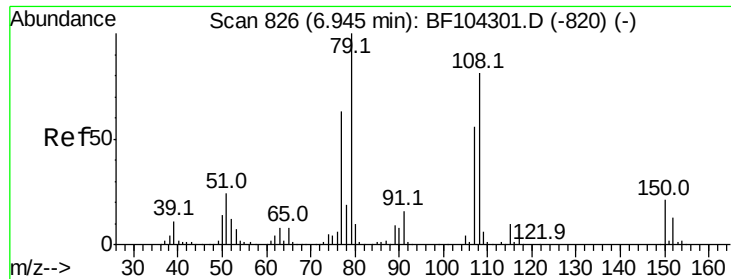
Tot Ion:146 Resp: 444933
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.8 76.2
 111 43.6 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 40.550 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BF104334.D
 Acq: 7 Apr 2018 4:08

Tgt Ion:146 Resp: 406882
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.6 75.8
 111 46.3 36.0 54.0

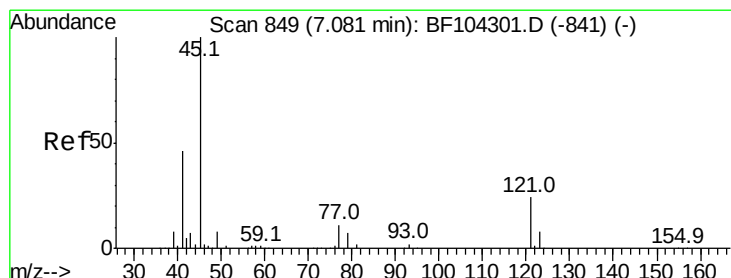
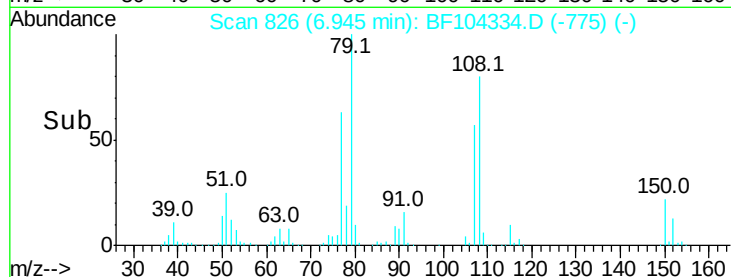
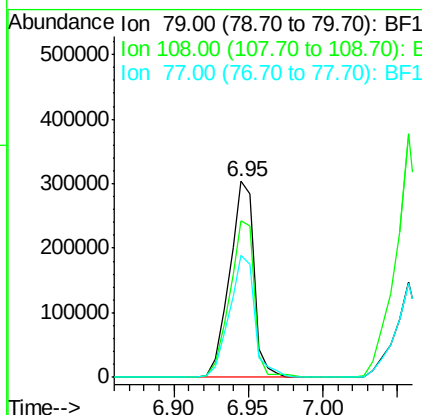
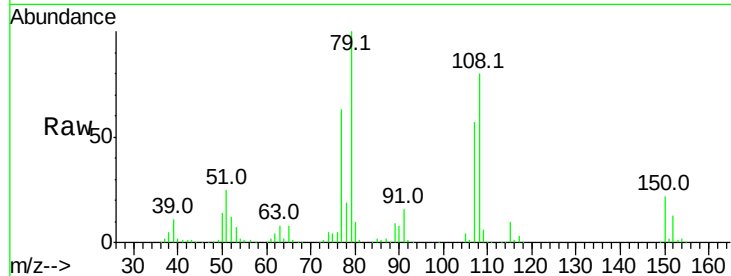




#15
Benzyl Alcohol
Concen: 41.449 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF104334.D
Acq: 7 Apr 2018 4:08

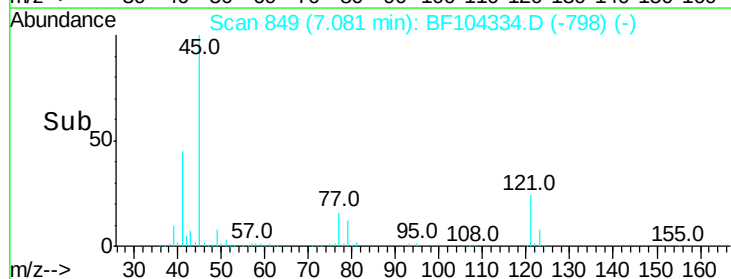
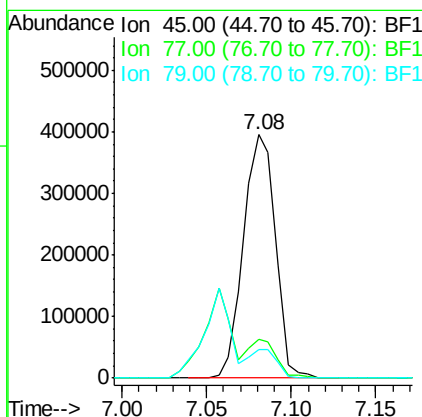
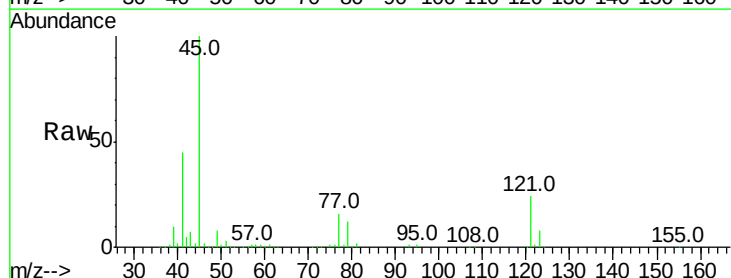
Instrument :
BNA_F
ClientSampleId :
PB108048BS

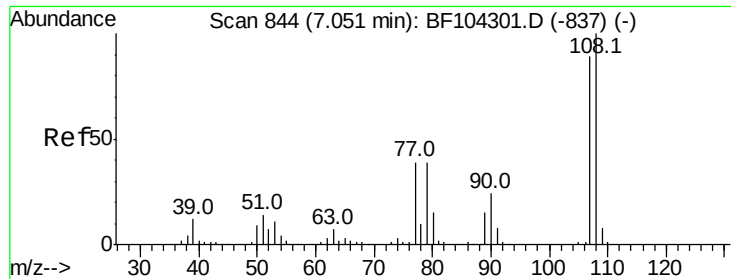
Tot Ion: 79 Resp: 351381
Ion Ratio Lower Upper
79 100
108 80.3 65.1 97.7
77 62.5 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 41.087 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BF104334.D
Acq: 7 Apr 2018 4:08

Tgt Ion: 45 Resp: 521470
Ion Ratio Lower Upper
45 100
77 16.0 0.0 32.9
79 11.9 0.0 29.6

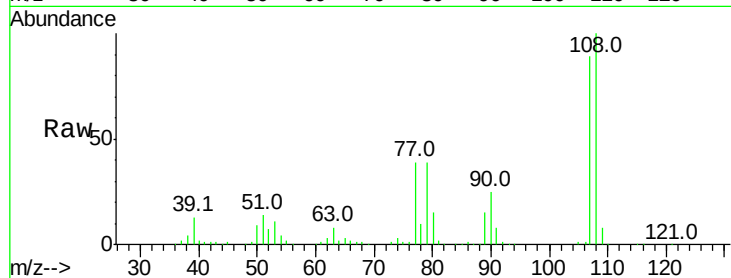




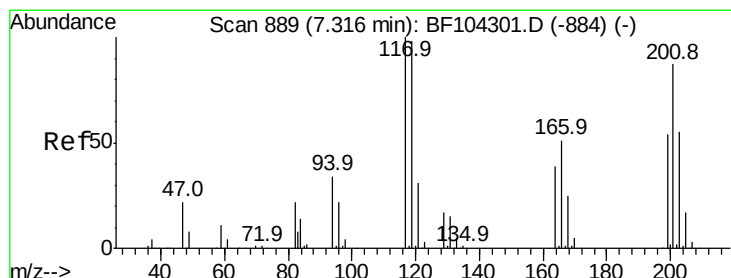
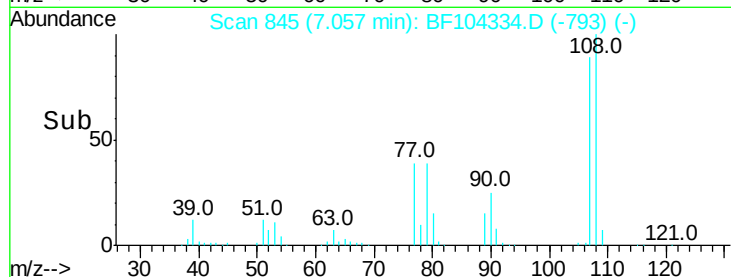
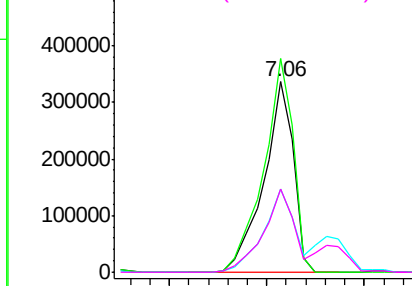
#17
2-Methylphenol
Concen: 42.489 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.01 min
Lab File: BF104334.D
Acq: 7 Apr 2018 4:08

Instrument :
BNA_F
ClientSampleId :
PB108048BS

Tot Ion:	107	Resp:	354121
Ion	Ratio	Lower	Upper
107	100		
108	112.0	91.7	137.5
77	43.4	33.8	50.8
79	43.6	33.8	50.8

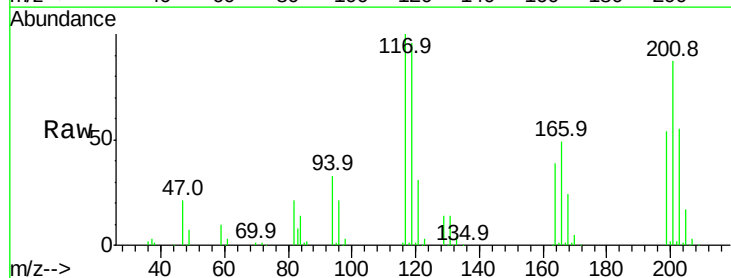


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

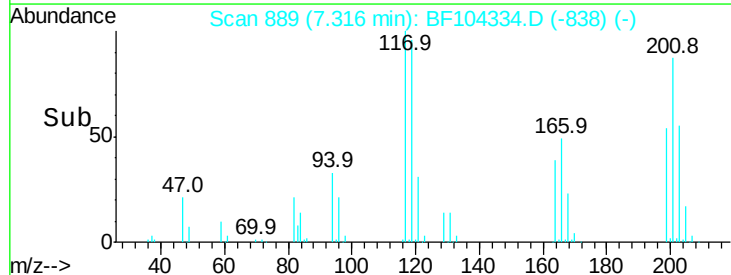
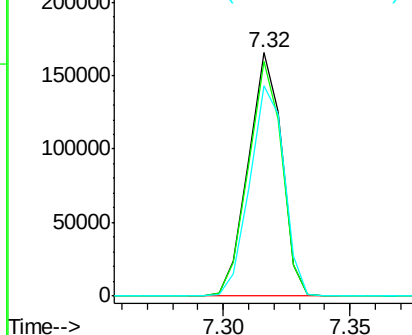


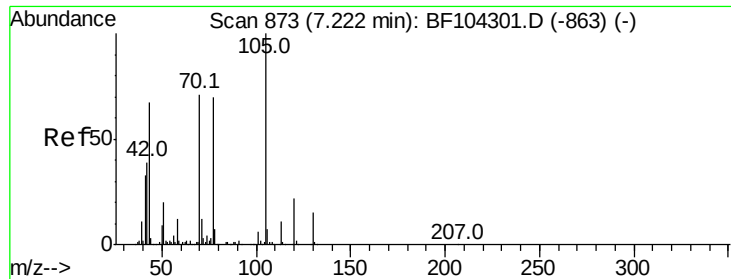
#18
Hexachloroethane
Concen: 39.426 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.00 min
Lab File: BF104334.D
Acq: 7 Apr 2018 4:08

Tgt Ion:	117	Resp:	152205
Ion	Ratio	Lower	Upper
117	100		
119	96.3	75.8	113.8
201	86.6	75.7	113.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

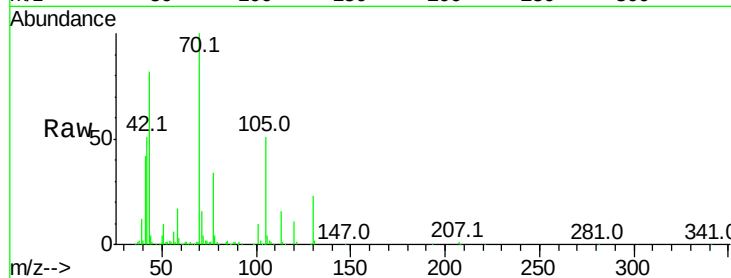




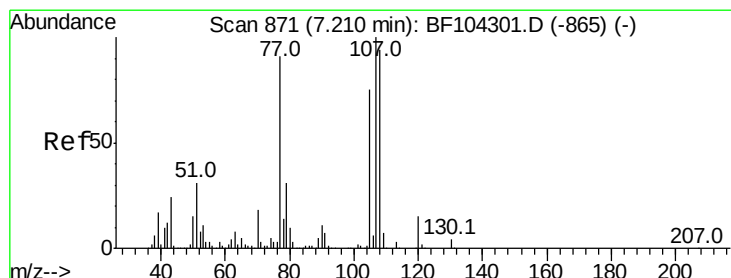
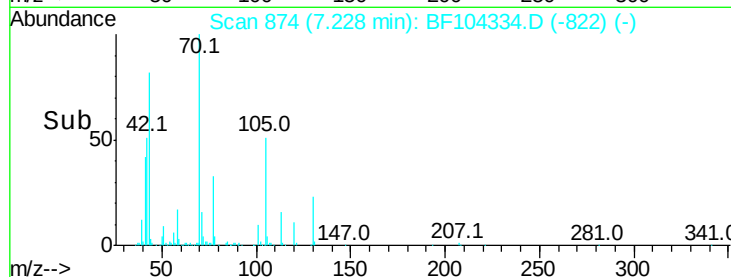
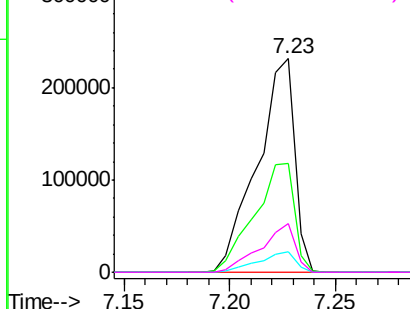
#19
n-Nitroso-di-n-propylamine
Concen: 39.071 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF104334.D
Acq: 7 Apr 2018 4:08

Instrument :
BNA_F
ClientSampleId :
PB108048BS

Tot Ion: 70 Resp: 284970
Ion Ratio Lower Upper
70 100
42 51.2 47.5 71.3
101 9.6 7.4 11.2
130 22.8 16.6 25.0

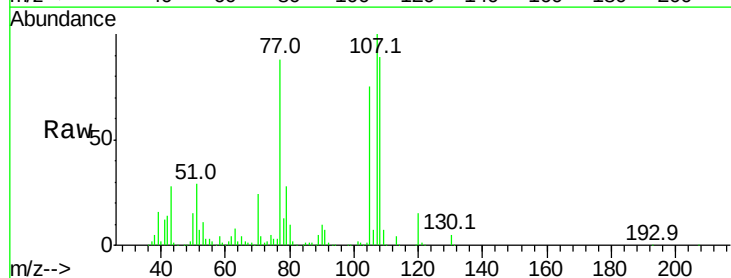


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

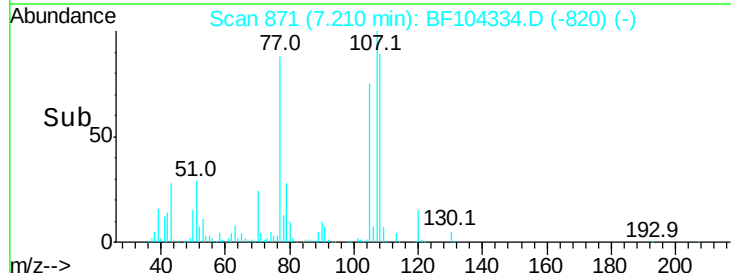
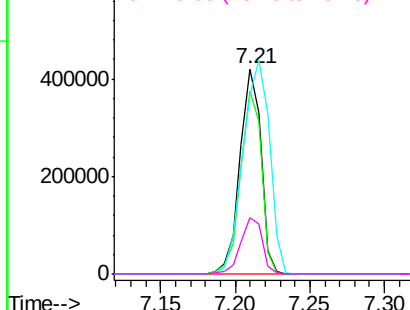


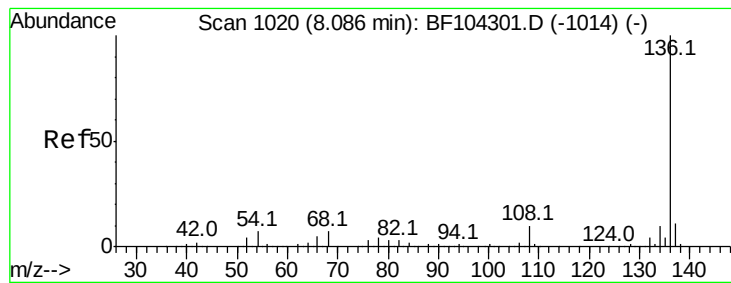
#20
3+4-Methylphenols
Concen: 40.095 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF104334.D
Acq: 7 Apr 2018 4:08

Tgt Ion:107 Resp: 414450
Ion Ratio Lower Upper
107 100
108 89.4 68.2 108.2
77 87.6 26.7 66.7#
79 27.7 6.3 46.3



Abundance Ion 107.00 (106.70 to 107.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
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: 8.09 min Scan# 1021

Delta R.T. 0.01 min

Lab File: BF104334.D

Acq: 7 Apr 2018 4:08

Instrument :

BNA_F

ClientSampleId :

PB108048BS

Tot Ion:136 Resp: 562288

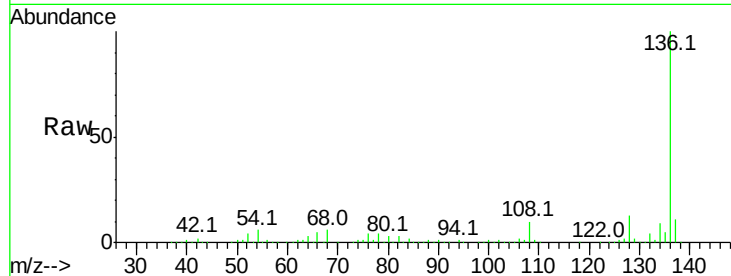
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 6.4 6.6 9.8#

68 5.7 5.0 7.4

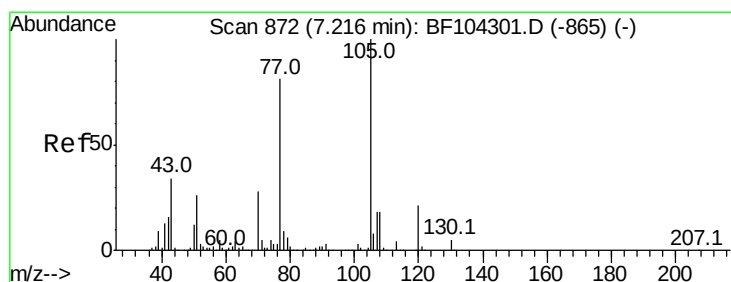
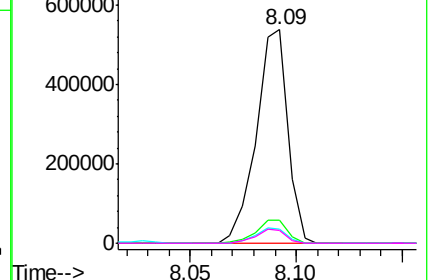
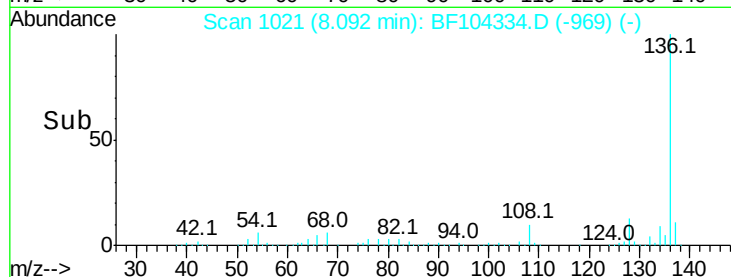


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 40.549 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.00 min

Lab File: BF104334.D

Acq: 7 Apr 2018 4:08

Tgt Ion:105 Resp: 561335

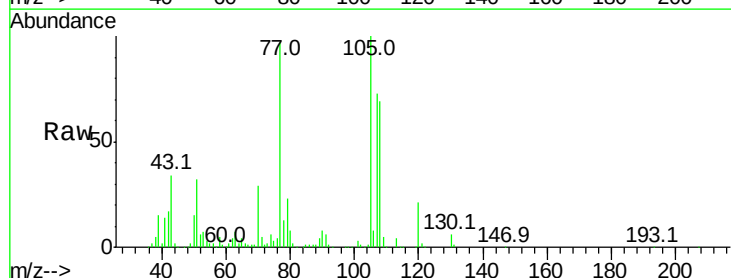
Ion Ratio Lower Upper

105 100

71 4.7 4.4 6.6

51 31.5 22.3 33.5

120 20.6 16.9 25.3

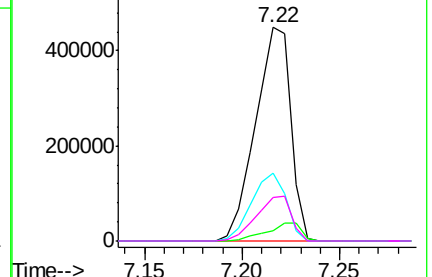
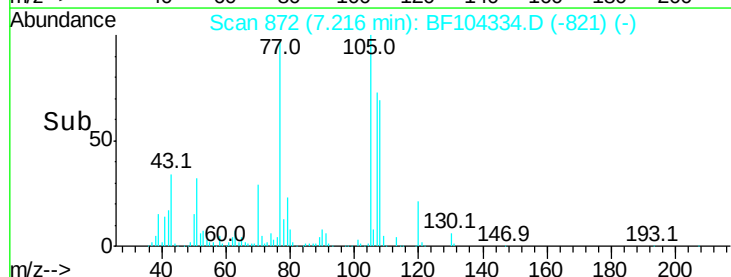


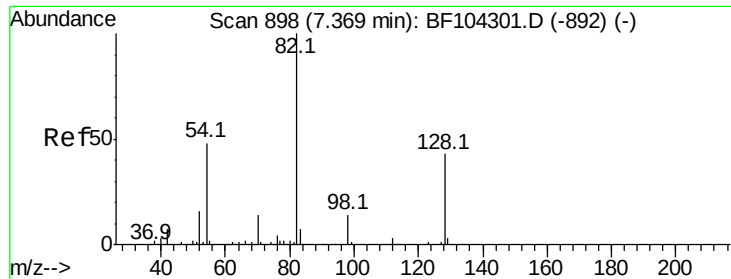
Abundance Ion 105.00 (104.70 to 105.70): E

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

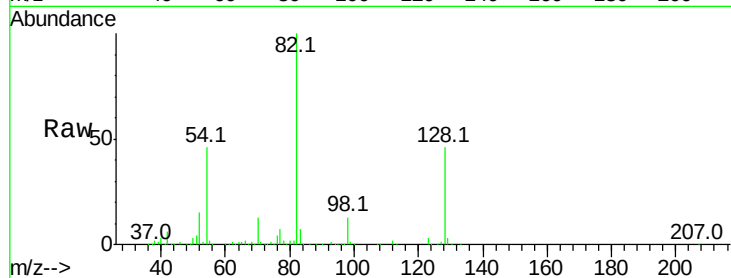




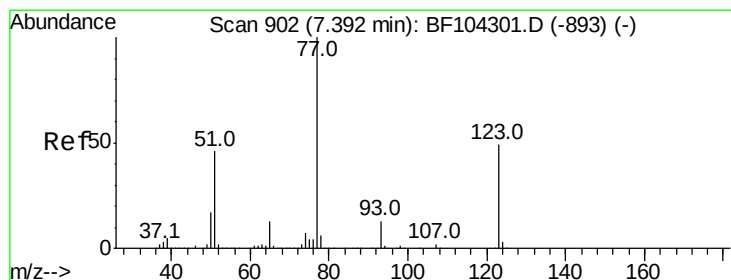
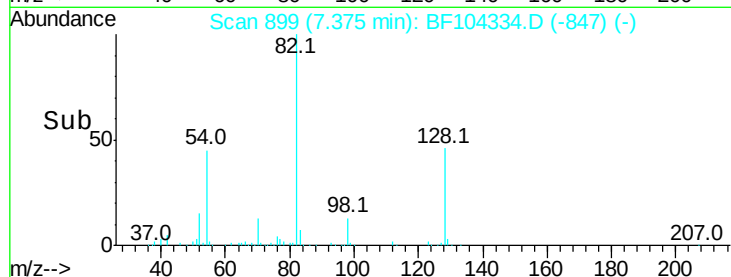
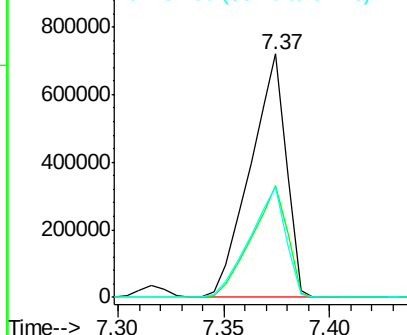
#23
 Nitrobenzene-d5
 Concen: 99.115 ng
 RT: 7.37 min Scan# 899
 Delta R.T. 0.01 min
 Lab File: BF104334.D
 Acq: 7 Apr 2018 4:08

Instrument :
 BNA_F
 ClientSampleId :
 PB108048BS

Tot Ion: 82 Resp: 853486
 Ion Ratio Lower Upper
 82 100
 128 46.0 36.1 54.1
 54 45.6 41.4 62.2

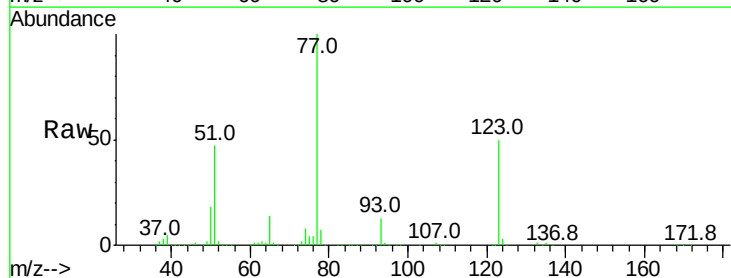


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

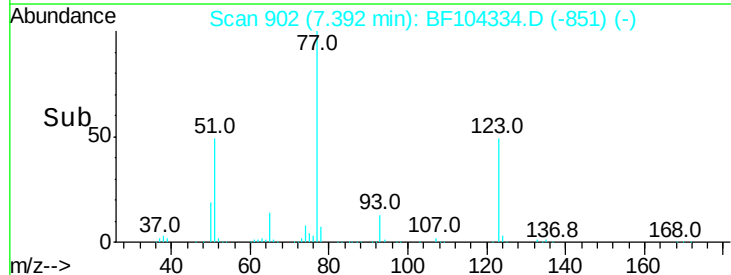
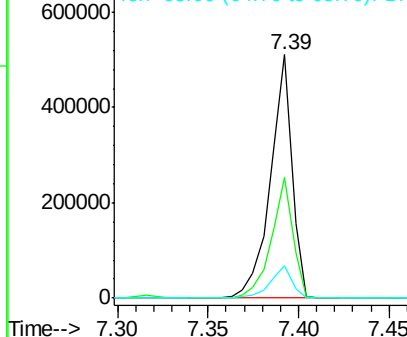


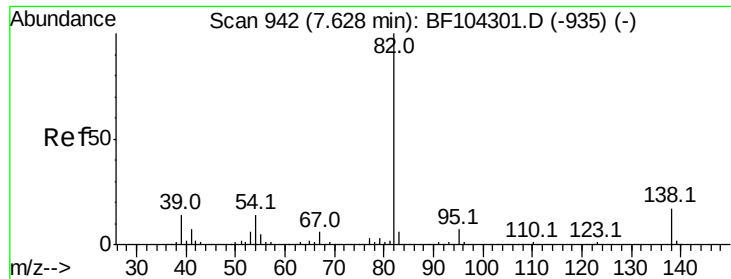
#24
 Nitrobenzene
 Concen: 44.466 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.00 min
 Lab File: BF104334.D
 Acq: 7 Apr 2018 4:08

Tgt Ion: 77 Resp: 422747
 Ion Ratio Lower Upper
 77 100
 123 49.7 37.9 56.9
 65 13.5 11.0 16.4



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





#25

Isophorone

Concen: 44.075 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF104334.D

Acq: 7 Apr 2018 4:08

Instrument :

BNA_F

ClientSampleId :

PB108048BS

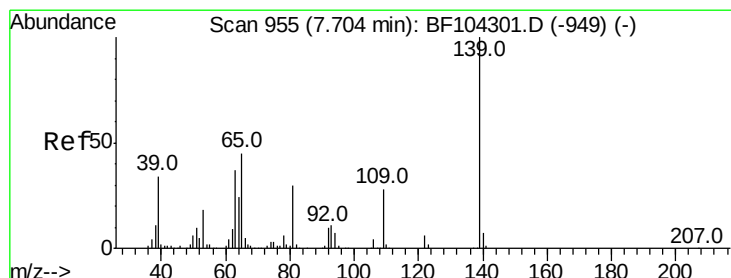
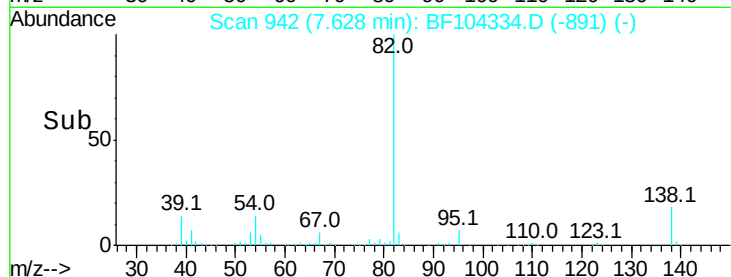
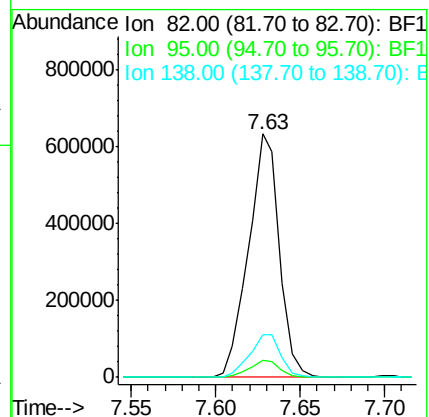
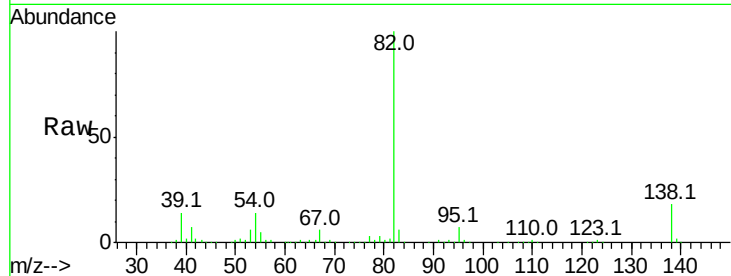
Tot Ion: 82 Resp: 802573

Ion Ratio Lower Upper

82 100

95 6.9 5.2 7.8

138 17.7 14.9 22.3



#26

2-Nitrophenol

Concen: 54.417 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF104334.D

Acq: 7 Apr 2018 4:08

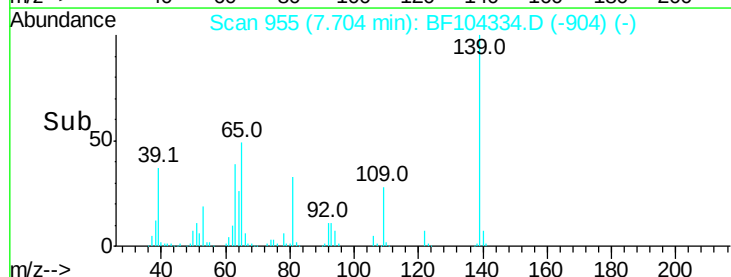
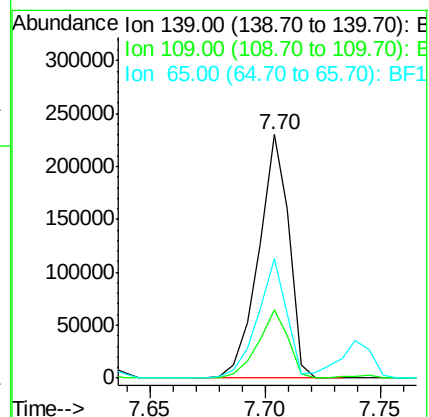
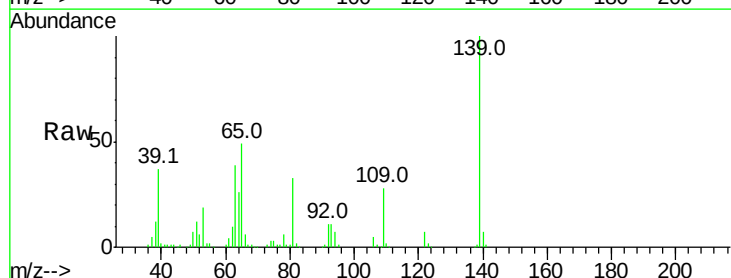
Tgt Ion:139 Resp: 210616

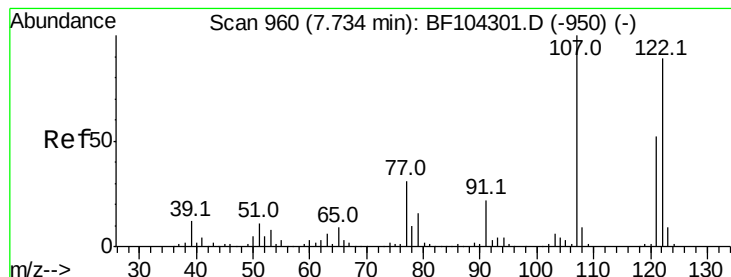
Ion Ratio Lower Upper

139 100

109 28.1 22.7 34.1

65 49.2 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 49.866 ng

RT: 7.74 min Scan# 961

Delta R.T. 0.01 min

Lab File: BF104334.D

Acq: 7 Apr 2018 4:08

Instrument :

BNA_F

ClientSampleId :

PB108048BS

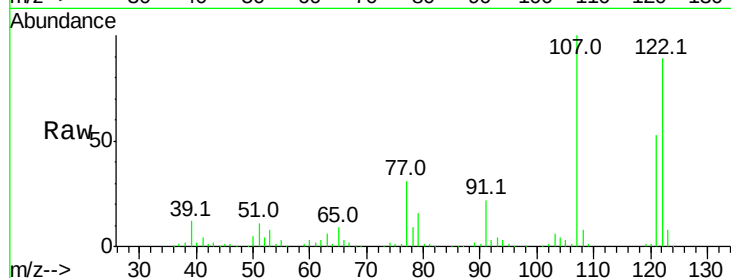
Tot Ion:122 Resp: 400740

Ion Ratio Lower Upper

122 100

107 111.9 91.2 136.8

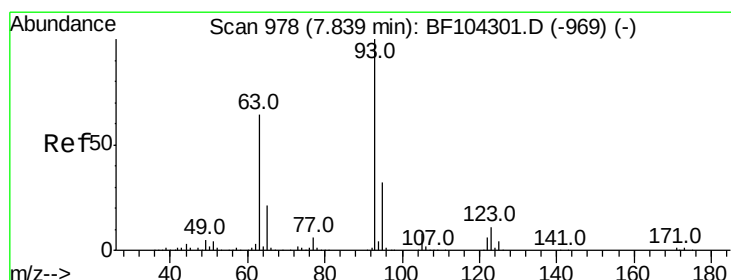
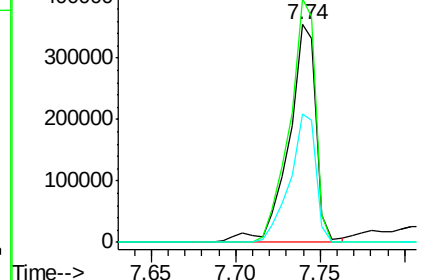
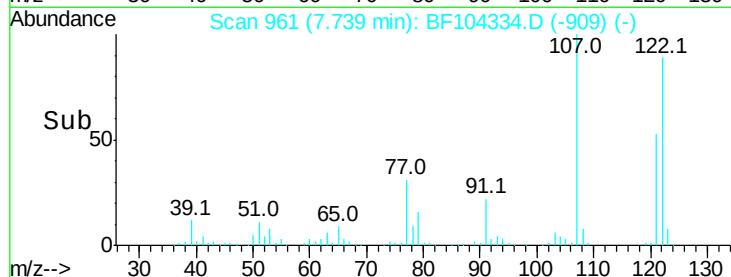
121 58.8 47.2 70.8



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: 45.464 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.00 min

Lab File: BF104334.D

Acq: 7 Apr 2018 4:08

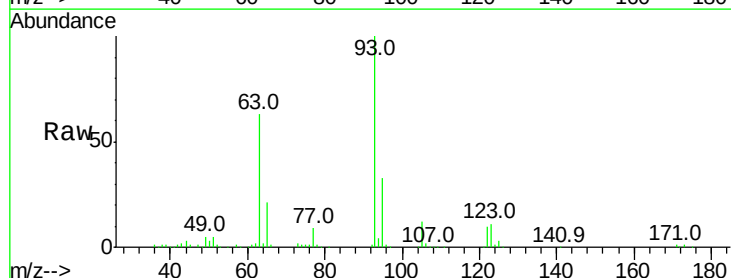
Tgt Ion: 93 Resp: 506165

Ion Ratio Lower Upper

93 100

95 32.9 26.3 39.5

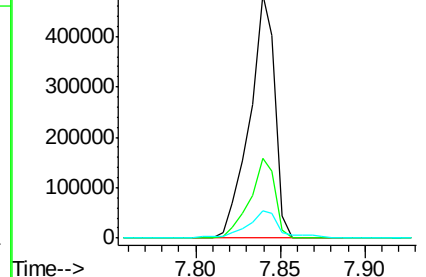
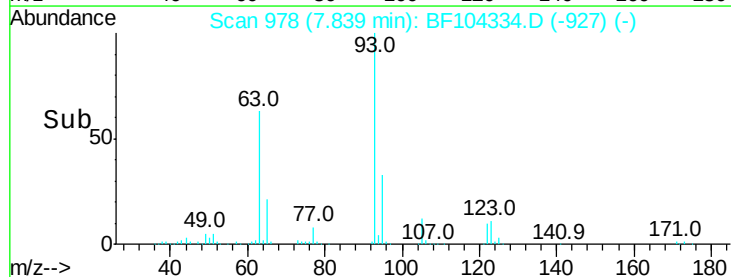
123 11.4 9.8 14.6

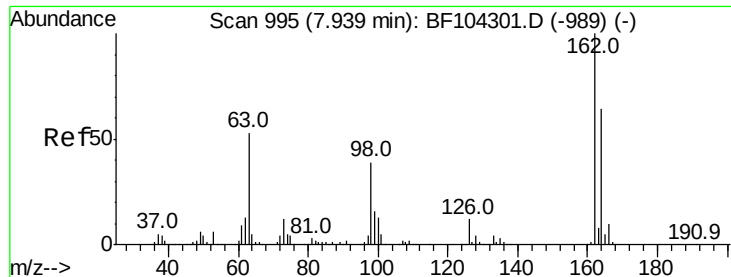


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 44.591 ng

RT: 7.95 min Scan# 996

Delta R.T. 0.01 min

Lab File: BF104334.D

Acq: 7 Apr 2018 4:08

Instrument :

BNA_F

ClientSampled :

PB108048BS

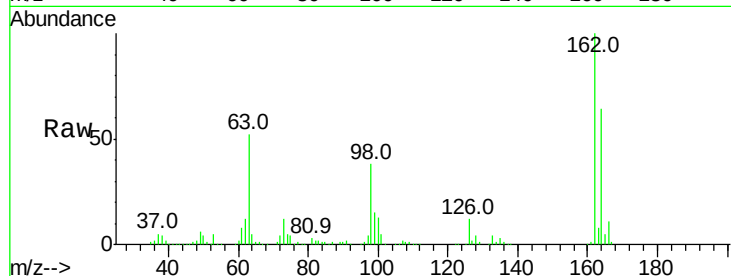
Tot Ion:162 Resp: 341917

Ion Ratio Lower Upper

162 100

164 64.3 42.7 82.7

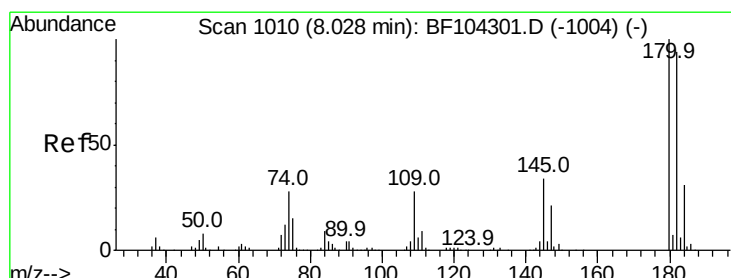
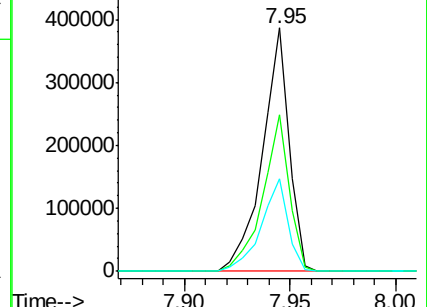
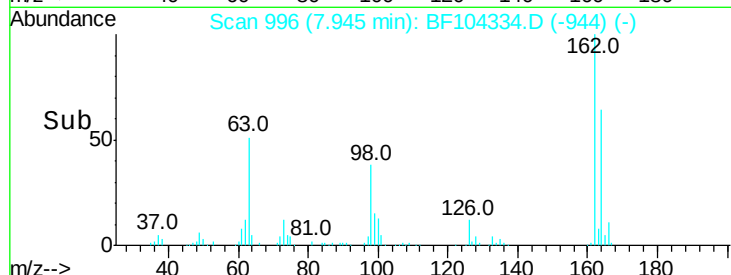
98 37.8 18.1 58.1



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: 41.491 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.00 min

Lab File: BF104334.D

Acq: 7 Apr 2018 4:08

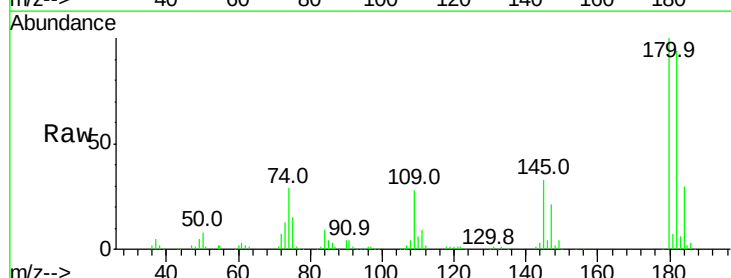
Tgt Ion:180 Resp: 349156

Ion Ratio Lower Upper

180 100

182 94.5 76.8 115.2

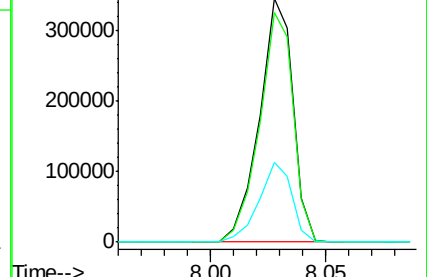
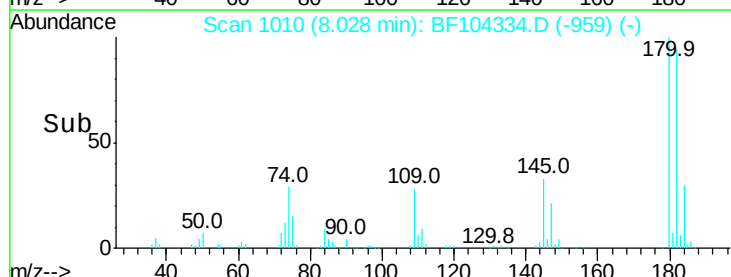
145 32.8 26.5 39.7

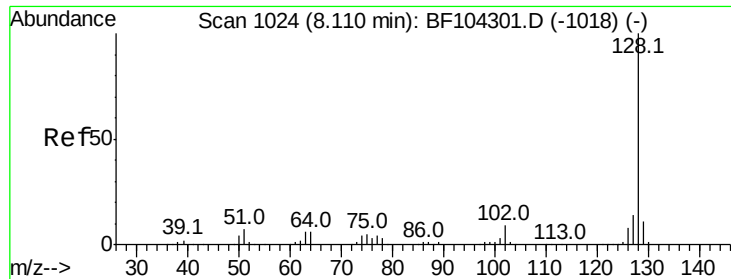


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

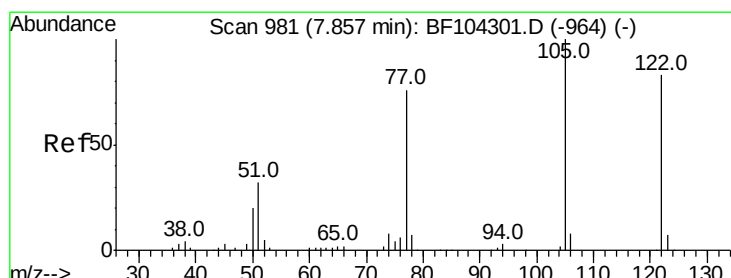
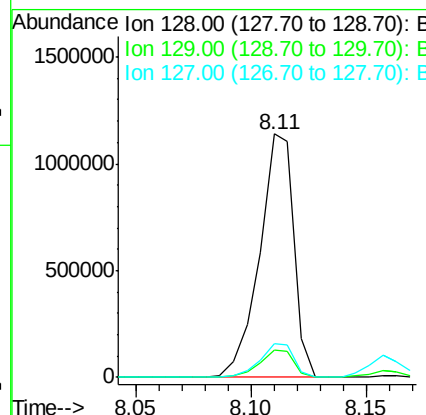
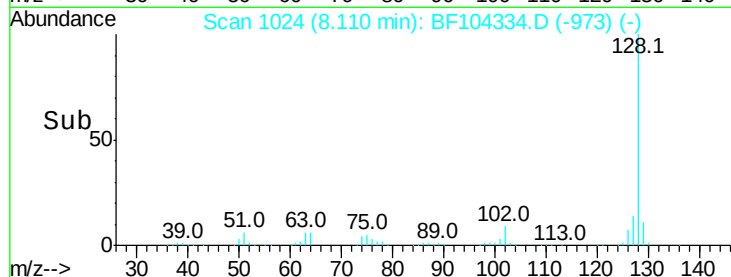
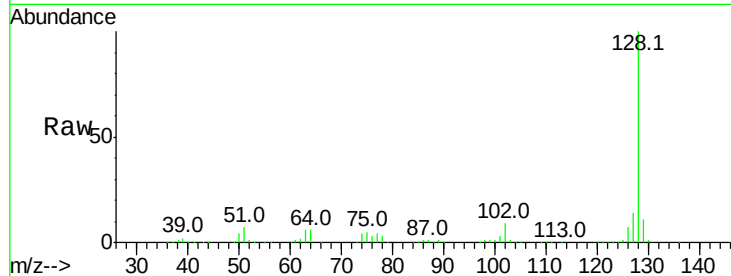




#31
Naphthalene
Concen: 42.108 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF104334.D
Acq: 7 Apr 2018 4:08

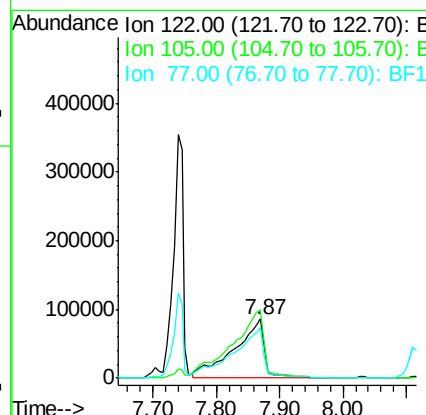
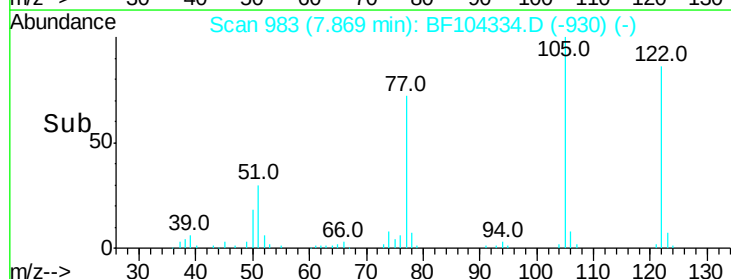
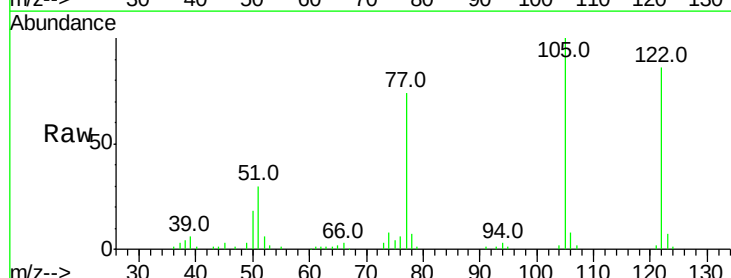
Instrument :
BNA_F
ClientSampleId :
PB108048BS

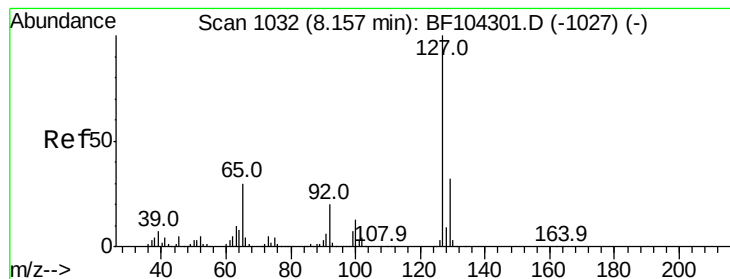
Tot Ion:128 Resp: 1178976
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.8 10.9 16.3



#32
Benzoic acid
Concen: 44.004 ng
RT: 7.87 min Scan# 983
Delta R.T. 0.01 min
Lab File: BF104334.D
Acq: 7 Apr 2018 4:08

Tgt Ion:122 Resp: 282159
Ion Ratio Lower Upper
122 100
105 116.3 101.1 141.1
77 85.6 70.7 110.7





#33

4-Chloroaniline

Concen: 9.521 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF104334.D

Acq: 7 Apr 2018 4:08

Instrument :

BNA_F

ClientSampleId :

PB108048BS

Tot Ion:127 Resp: 114212

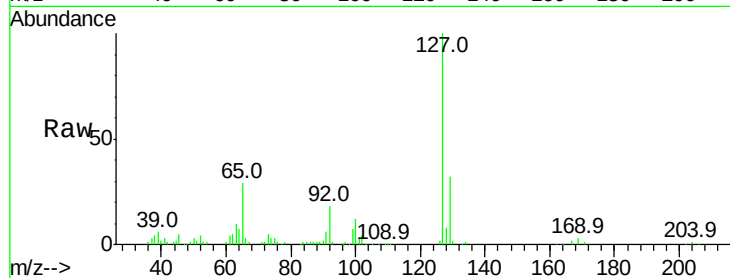
Ion Ratio Lower Upper

127 100

129 31.6 25.9 38.9

65 28.8 25.0 37.4

92 17.6 15.2 22.8

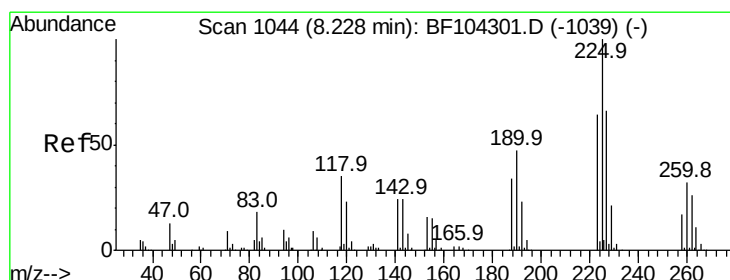
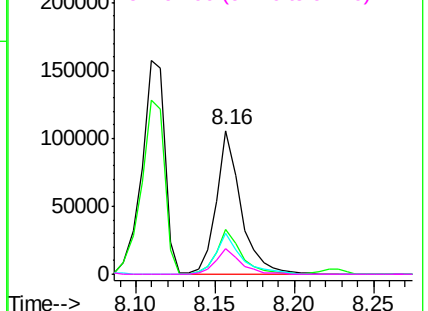
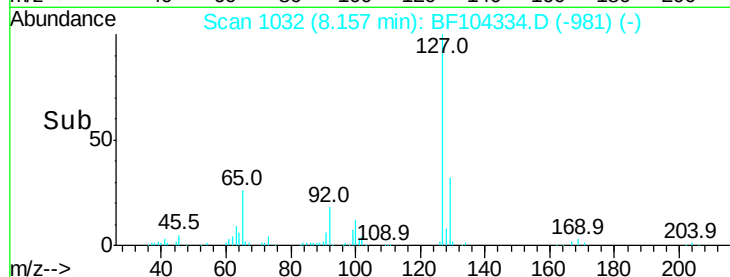


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 40.723 ng

RT: 8.23 min Scan# 1044

Delta R.T. -0.00 min

Lab File: BF104334.D

Acq: 7 Apr 2018 4:08

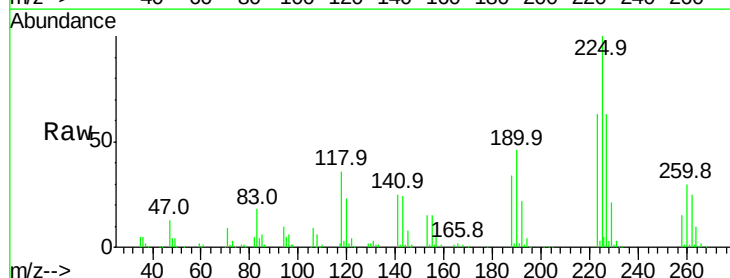
Tgt Ion:225 Resp: 187708

Ion Ratio Lower Upper

225 100

223 62.6 50.6 76.0

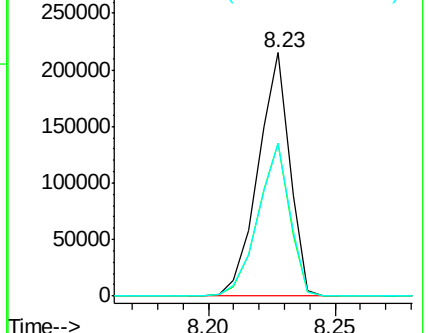
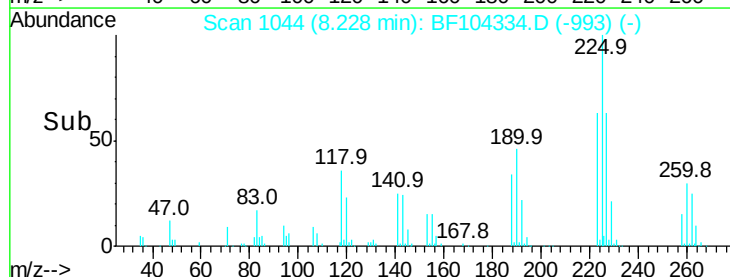
227 62.9 51.9 77.9

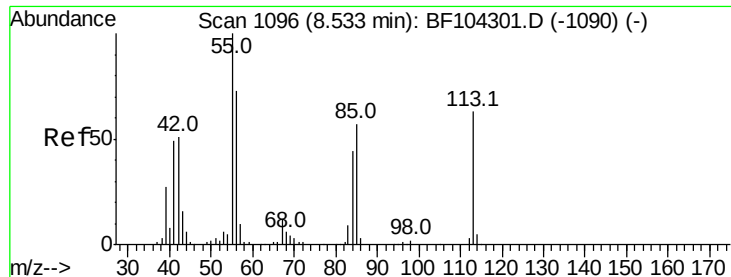


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

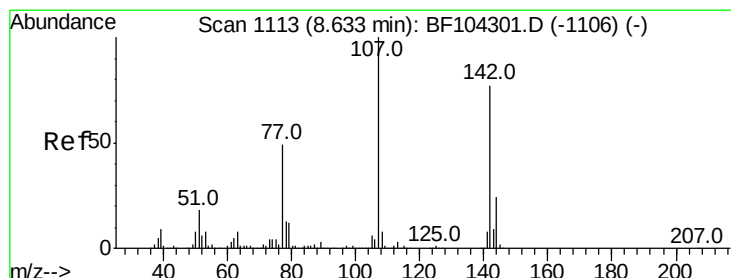
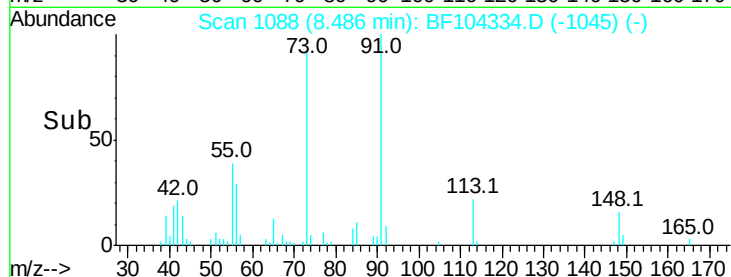
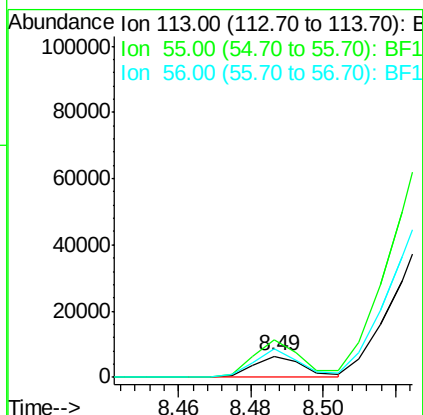
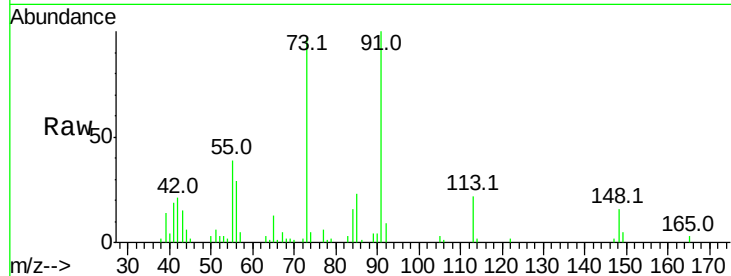




#35
 Caprolactam
 Concen: 2.293 ng
 RT: 8.49 min Scan# 1088
 Delta R.T. -0.05 min
 Lab File: BF104334.D
 Acq: 7 Apr 2018 4:08

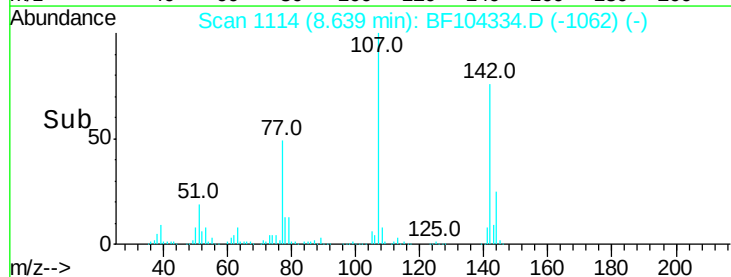
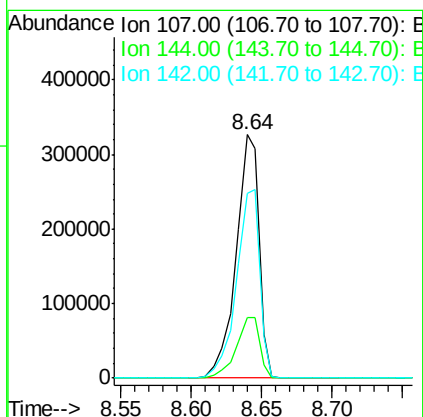
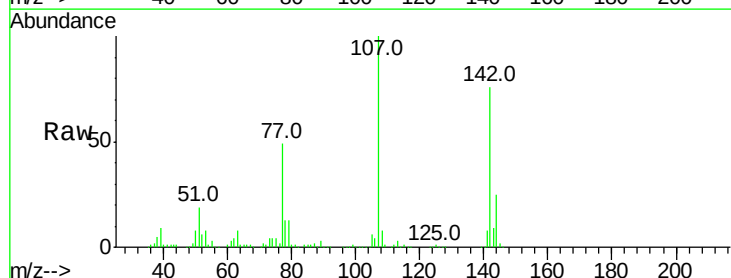
Instrument :
 BNA_F
 ClientSampleId :
 PB108048BS

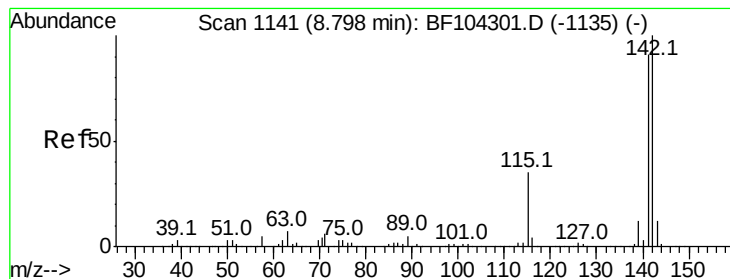
Tot Ion:113 Resp: 6133
 Ion Ratio Lower Upper
 113 100
 55 178.8 163.3 203.3
 56 131.6 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 44.831 ng
 RT: 8.64 min Scan# 1114
 Delta R.T. 0.01 min
 Lab File: BF104334.D
 Acq: 7 Apr 2018 4:08

Tgt Ion:107 Resp: 368597
 Ion Ratio Lower Upper
 107 100
 144 24.9 20.5 30.7
 142 76.0 62.0 93.0





#37

2-Methylnaphthalene

Concen: 42.442 ng

RT: 8.80 min Scan# 1142

Delta R.T. 0.01 min

Lab File: BF104334.D

Acq: 7 Apr 2018 4:08

Instrument :

BNA_F

ClientSampleId :

PB108048BS

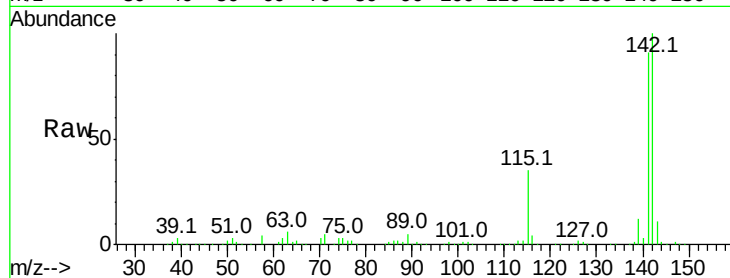
Tot Ion:142 Resp: 768668

Ion Ratio Lower Upper

142 100

141 90.7 70.8 106.2

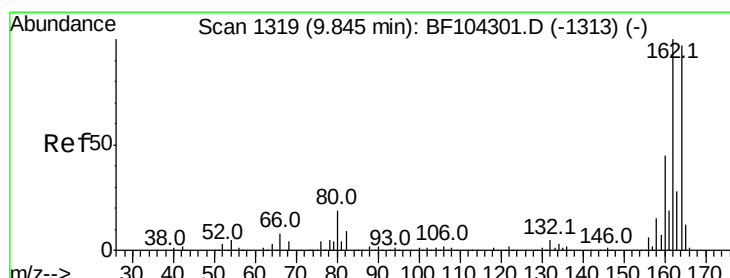
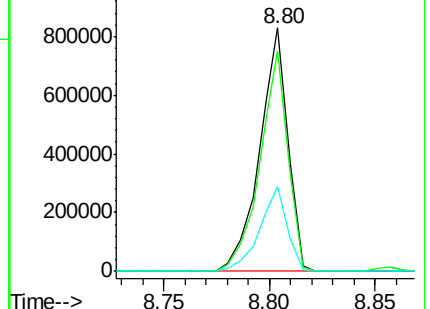
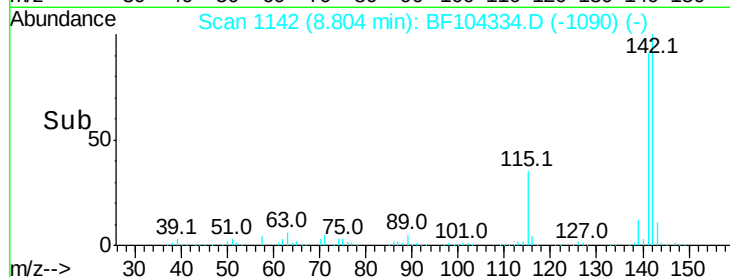
115 35.0 26.1 39.1



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: 9.85 min Scan# 1319

Delta R.T. -0.00 min

Lab File: BF104334.D

Acq: 7 Apr 2018 4:08

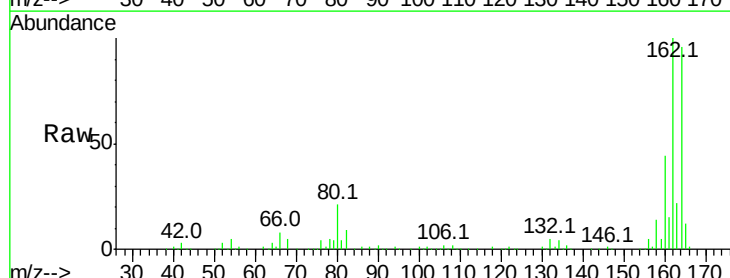
Tgt Ion:164 Resp: 257781

Ion Ratio Lower Upper

164 100

162 104.6 86.1 129.1

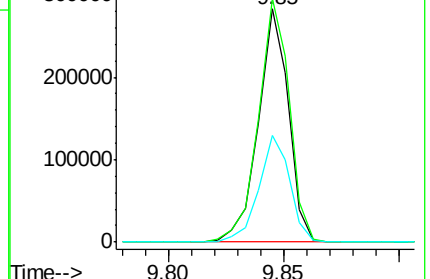
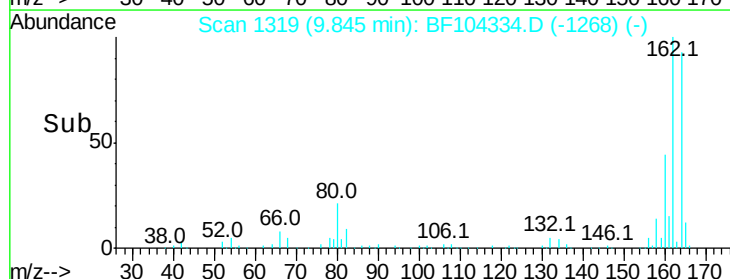
160 46.1 38.3 57.5

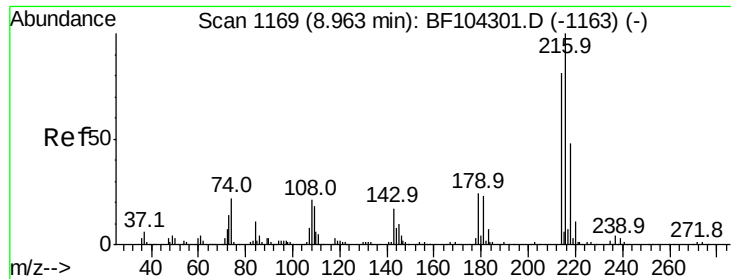


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

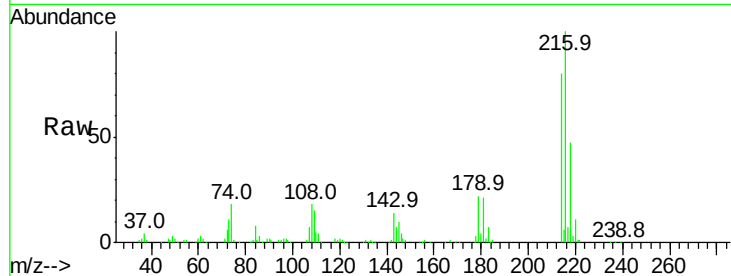




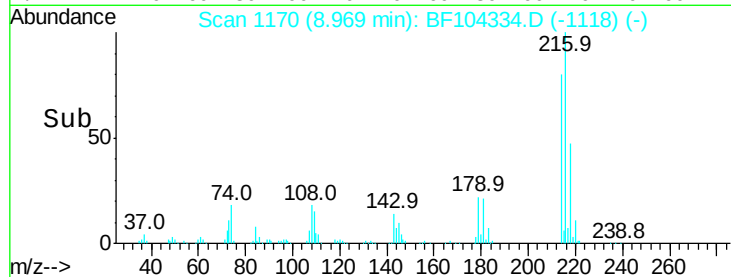
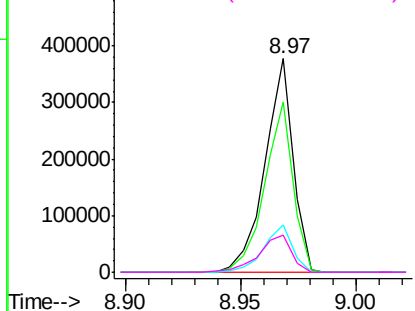
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.492 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. 0.01 min
 Lab File: BF104334.D
 Acq: 7 Apr 2018 4:08

Instrument :
 BNA_F
 ClientSampleId :
 PB108048BS

Tot Ion:	216	Resp:	320936
Ion	Ratio	Lower	Upper
216	100		
214	80.0	63.0	94.4
179	22.5	18.1	27.1
108	20.5	17.2	25.8

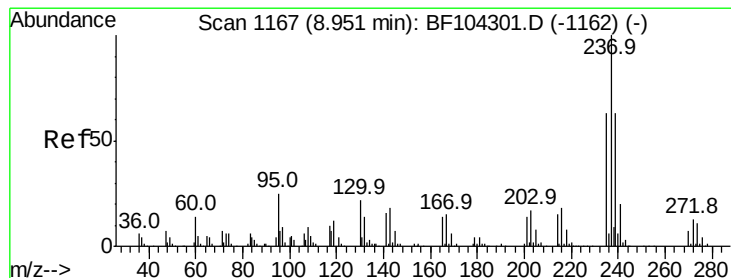


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

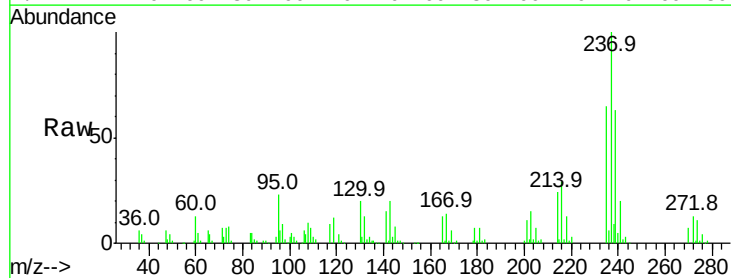
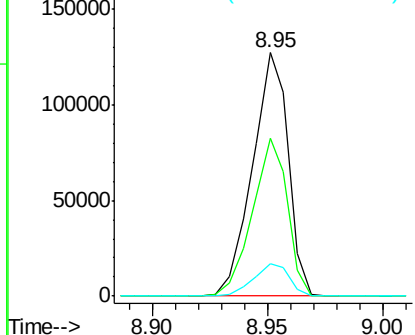


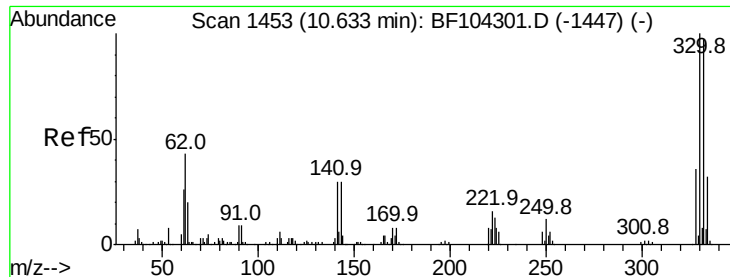
#40
 Hexachlorocyclopentadiene
 Concen: 33.231 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. -0.00 min
 Lab File: BF104334.D
 Acq: 7 Apr 2018 4:08

Tgt Ion:	237	Resp:	137282
Ion	Ratio	Lower	Upper
237	100		
235	64.6	44.8	84.8
272	13.3	0.0	33.3



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

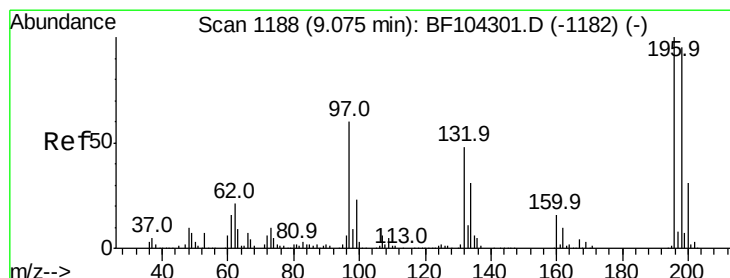
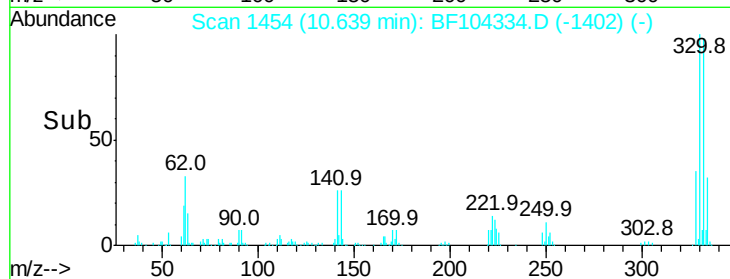
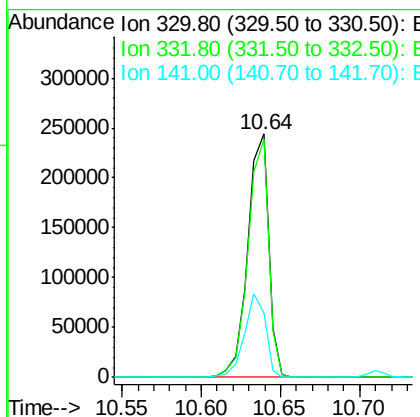
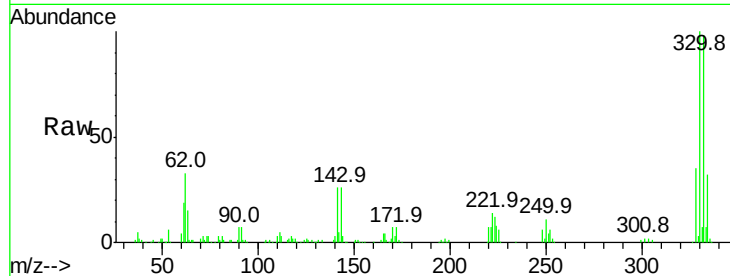




#41
 2,4,6-Tribromophenol
 Concen: 83.720 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.01 min
 Lab File: BF104334.D
 Acq: 7 Apr 2018 4:08

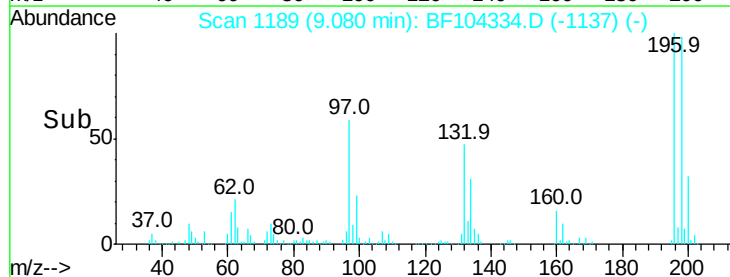
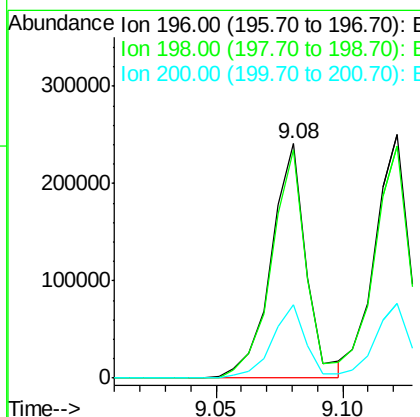
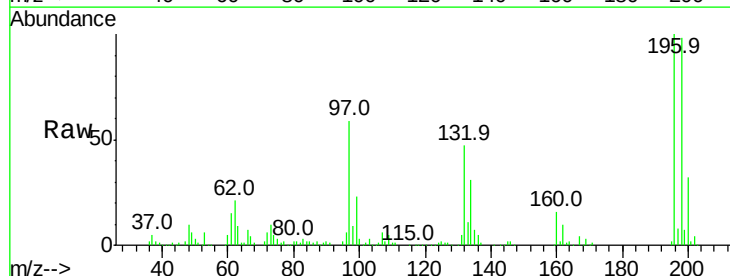
Instrument :
 BNA_F
 ClientSampleId :
 PB108048BS

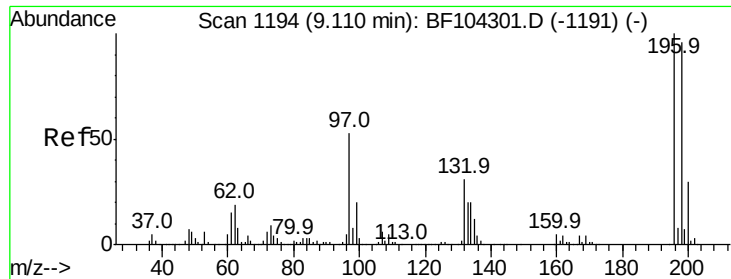
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	34.2	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 45.530 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF104334.D
 Acq: 7 Apr 2018 4:08

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.7	75.7	113.5
200	31.6	24.5	36.7

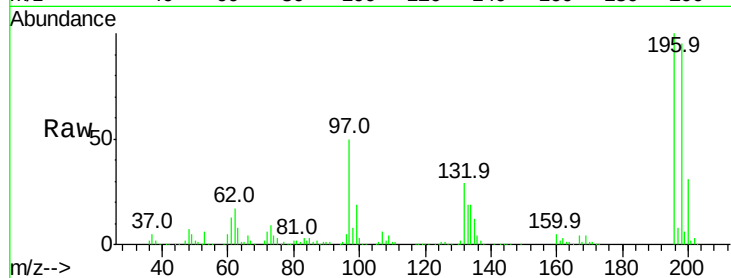




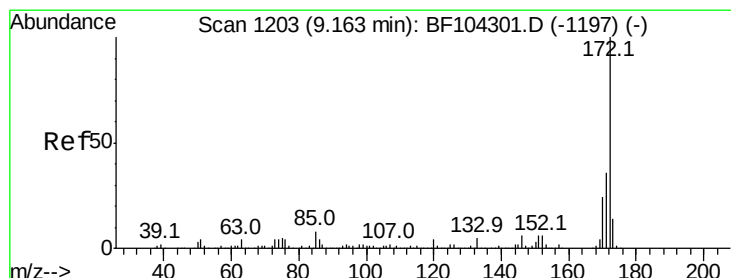
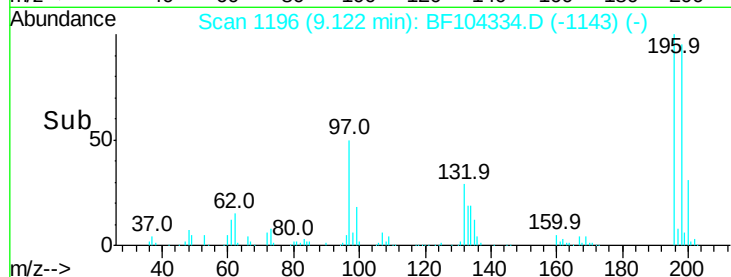
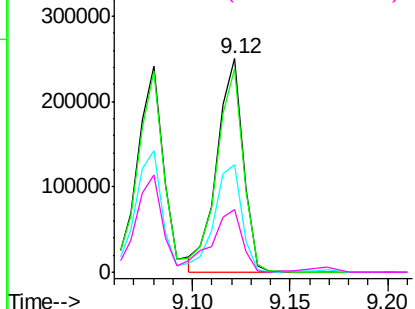
#43
 2,4,5-Trichlorophenol
 Concen: 40.733 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.01 min
 Lab File: BF104334.D
 Acq: 7 Apr 2018 4:08

Instrument :
 BNA_F
 ClientSampleId :
 PB108048BS

Tot Ion:196 Resp: 233494
 Ion Ratio Lower Upper
 196 100
 198 95.4 74.6 112.0
 97 50.4 42.9 64.3
 132 29.2 26.3 39.5

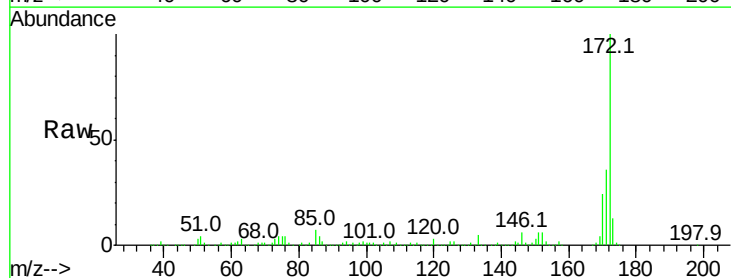


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

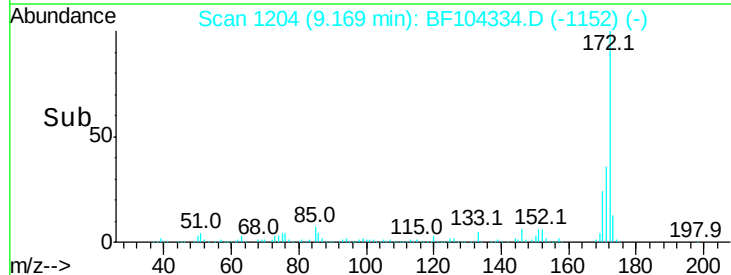
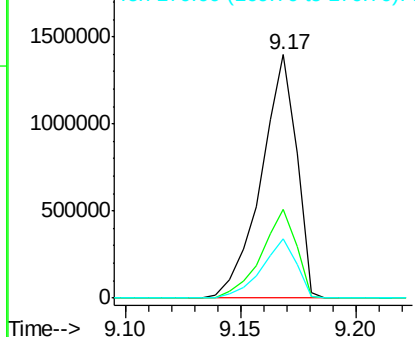


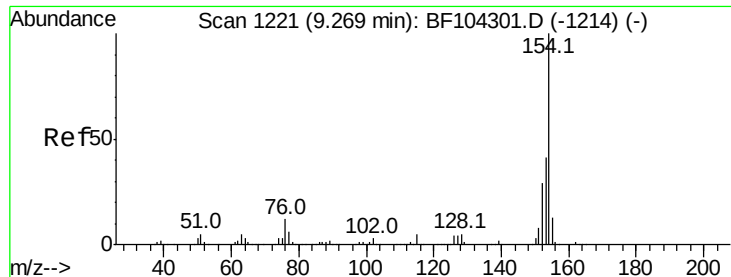
#44
 2-Fluorobiphenyl
 Concen: 90.911 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.01 min
 Lab File: BF104334.D
 Acq: 7 Apr 2018 4:08

Tgt Ion:172 Resp: 1483471
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 24.3 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: 41.863 ng

RT: 9.27 min Scan# 1221

Delta R.T. -0.00 min

Lab File: BF104334.D

Acq: 7 Apr 2018 4:08

Instrument :

BNA_F

ClientSampleId :

PB108048BS

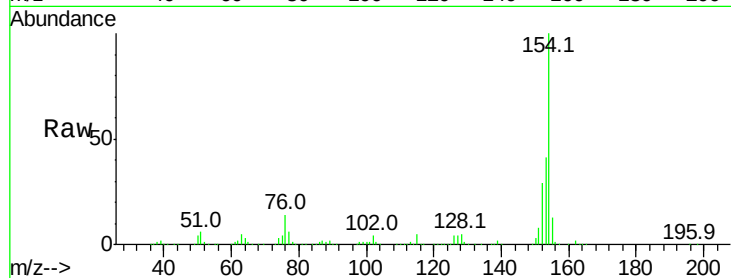
Tot Ion:154 Resp: 906557

Ion Ratio Lower Upper

154 100

153 41.1 21.3 61.3

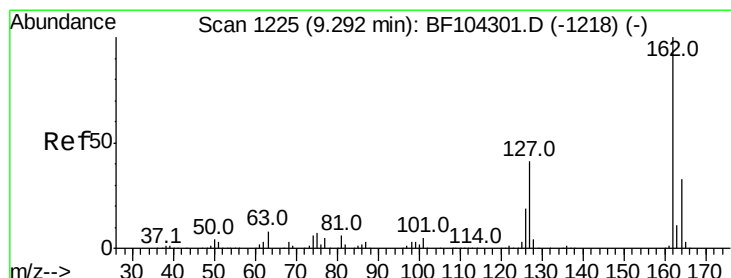
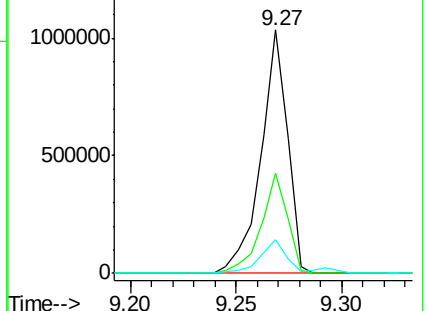
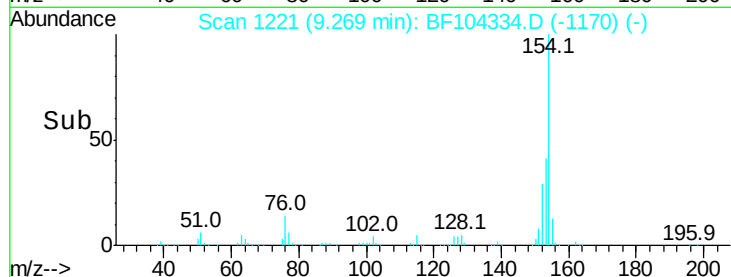
76 13.8 0.0 34.0



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: 41.509 ng

RT: 9.29 min Scan# 1225

Delta R.T. -0.00 min

Lab File: BF104334.D

Acq: 7 Apr 2018 4:08

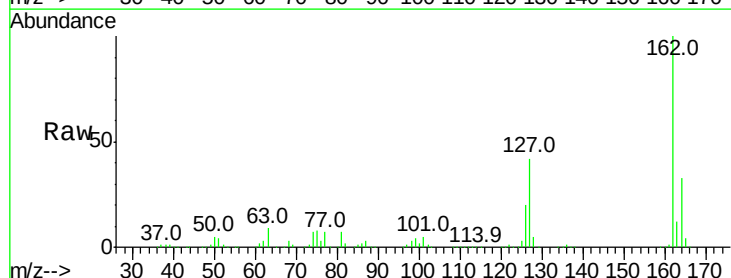
Tgt Ion:162 Resp: 710008

Ion Ratio Lower Upper

162 100

127 41.9 33.9 50.9

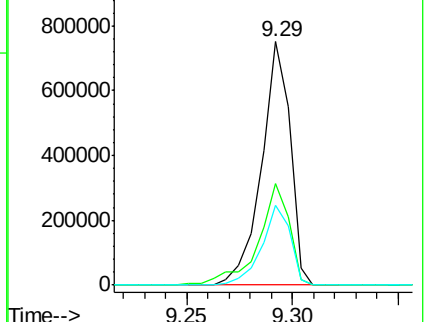
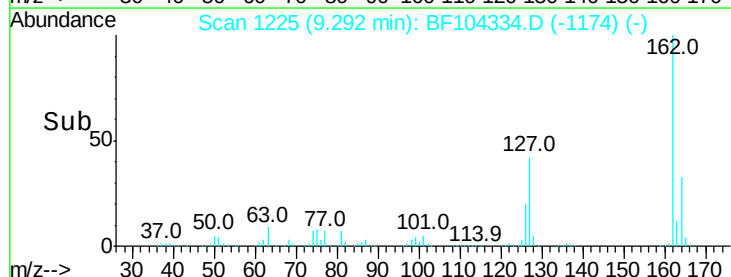
164 32.7 26.5 39.7

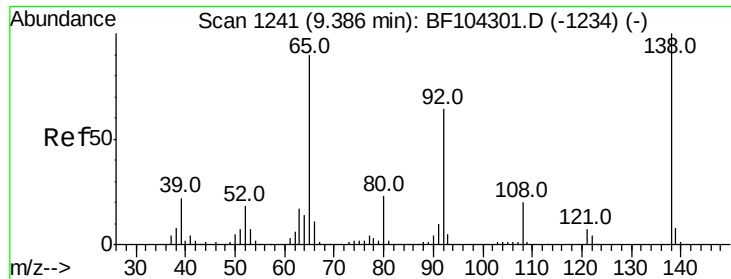


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

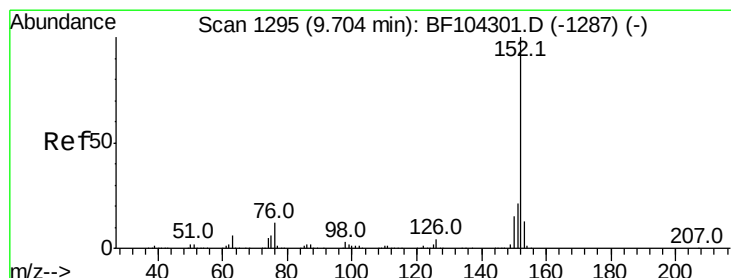
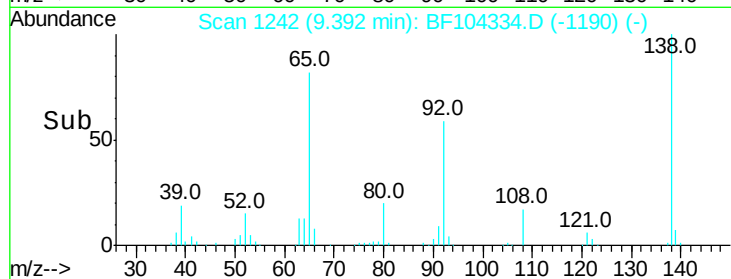
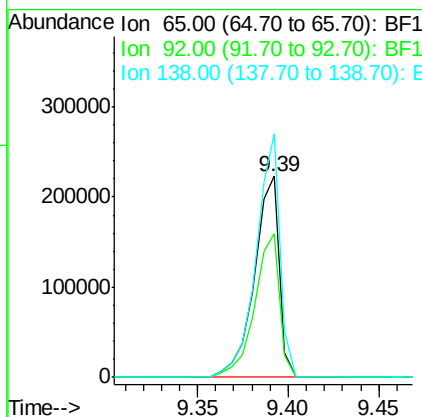
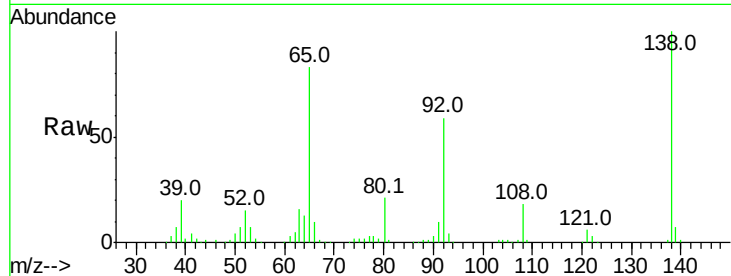




#47
 2-Nitroaniline
 Concen: 50.483 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. 0.01 min
 Lab File: BF104334.D
 Acq: 7 Apr 2018 4:08

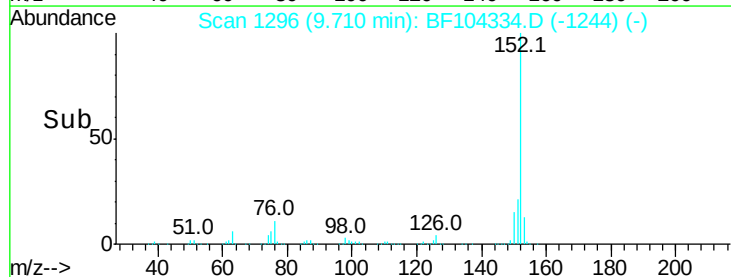
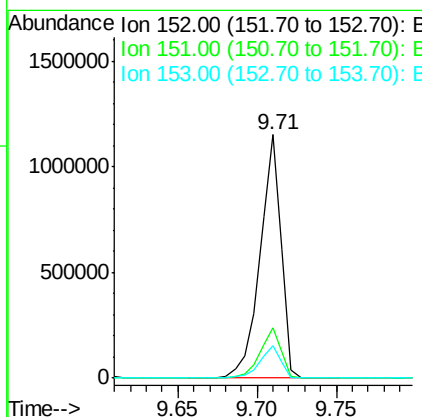
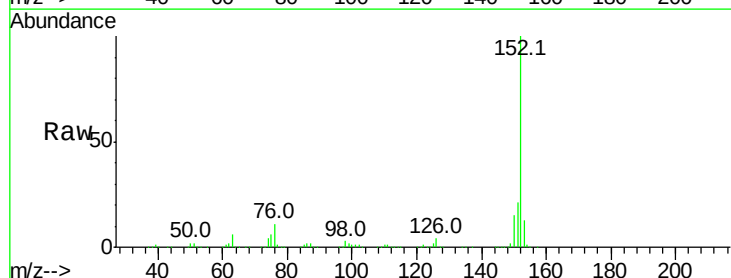
Instrument :
 BNA_F
 ClientSampleId :
 PB108048BS

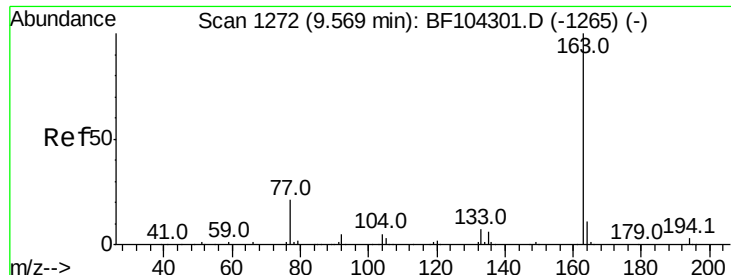
Tot Ion: 65 Resp: 213545
 Ion Ratio Lower Upper
 65 100
 92 71.8 55.8 83.6
 138 121.1 91.2 136.8



#48
 Acenaphthylene
 Concen: 39.913 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. 0.01 min
 Lab File: BF104334.D
 Acq: 7 Apr 2018 4:08

Tgt Ion: 152 Resp: 1071143
 Ion Ratio Lower Upper
 152 100
 151 20.8 16.3 24.5
 153 13.5 10.7 16.1

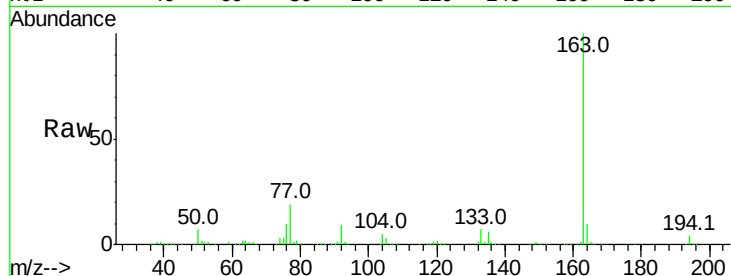




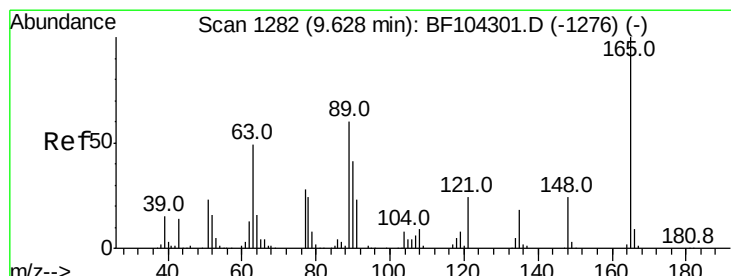
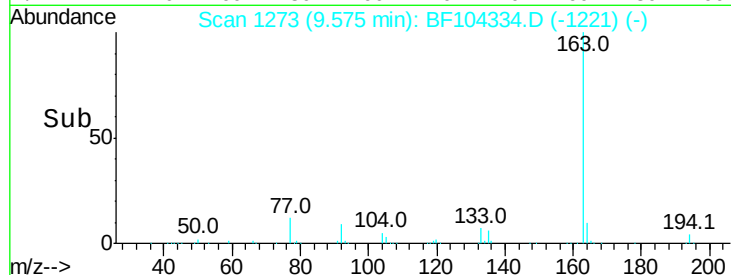
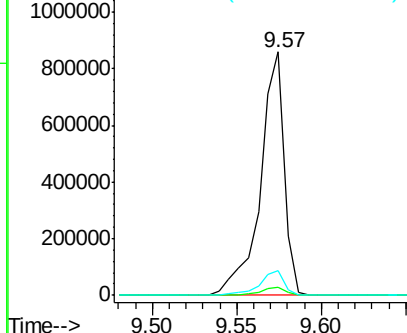
#49
Dimethylphthalate
Concen: 41.481 ng
RT: 9.57 min Scan# 1273
Delta R.T. 0.01 min
Lab File: BF104334.D
Acq: 7 Apr 2018 4:08

Instrument :
BNA_F
ClientSampleId :
PB108048BS

Tot Ion:163 Resp: 843230
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.1 8.2 12.2

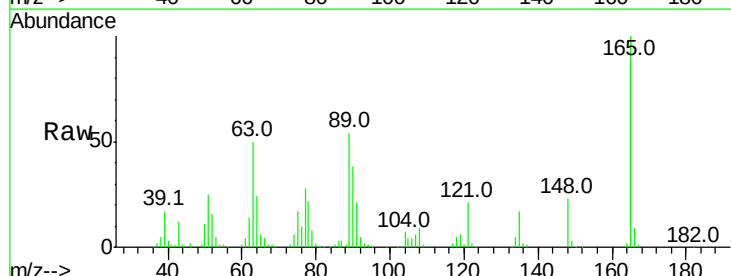


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

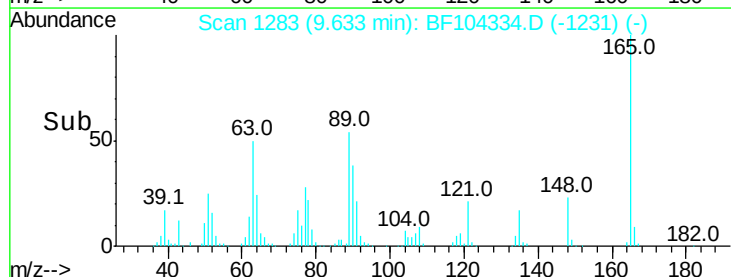
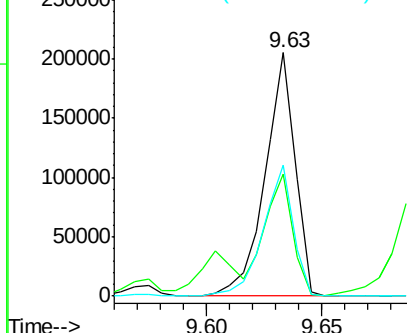


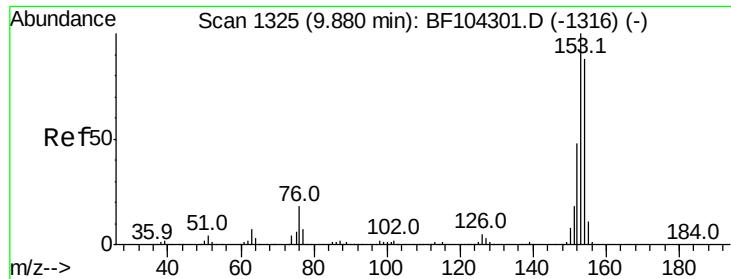
#50
2,6-Dinitrotoluene
Concen: 49.445 ng
RT: 9.63 min Scan# 1283
Delta R.T. 0.01 min
Lab File: BF104334.D
Acq: 7 Apr 2018 4:08

Tgt Ion:165 Resp: 185985
Ion Ratio Lower Upper
165 100
63 50.2 44.7 67.1
89 53.9 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: 40.548 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BF104334.D

Acq: 7 Apr 2018 4:08

Instrument :

BNA_F

ClientSampleId :

PB108048BS

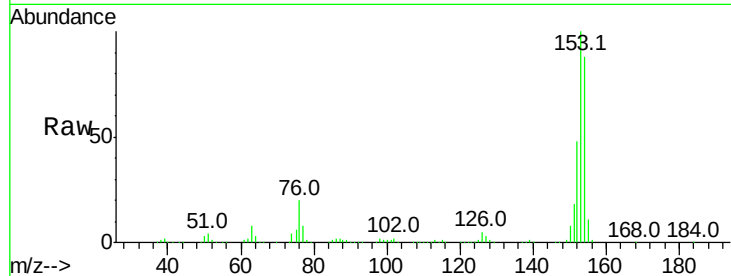
Tot Ion:154 Resp: 663943

Ion Ratio Lower Upper

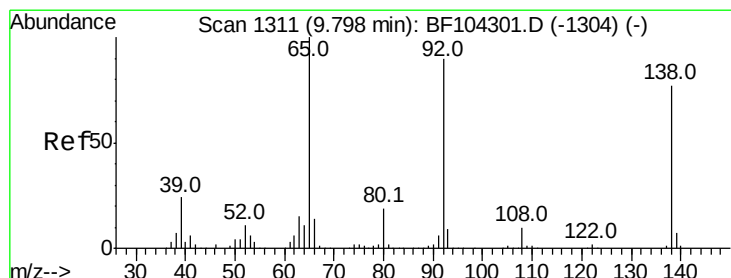
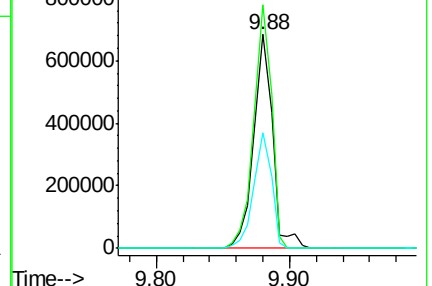
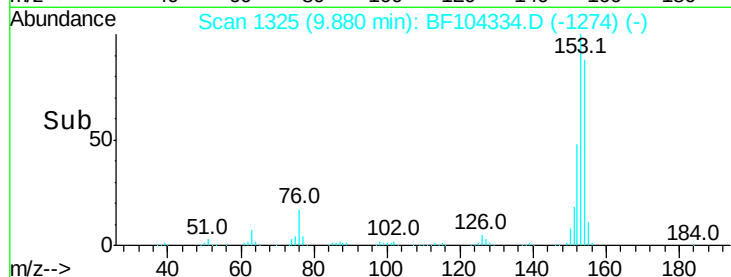
154 100

153 113.9 91.2 136.8

152 54.3 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: 21.005 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BF104334.D

Acq: 7 Apr 2018 4:08

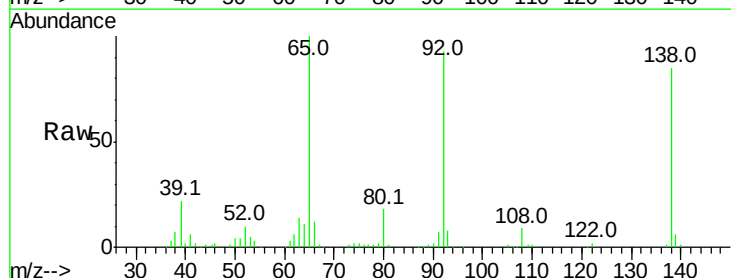
Tgt Ion:138 Resp: 92497

Ion Ratio Lower Upper

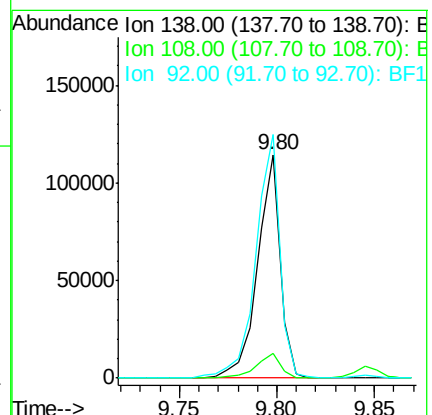
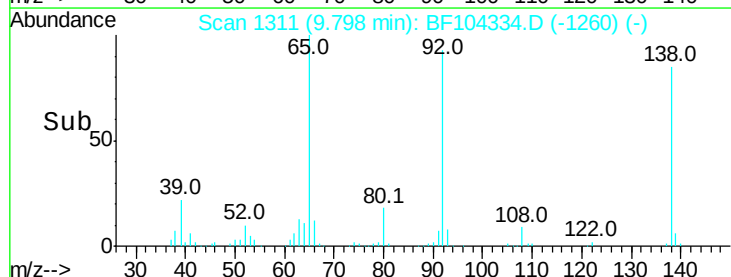
138 100

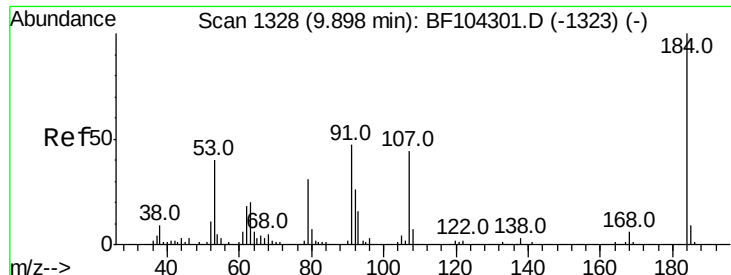
108 10.9 9.4 14.0

92 108.9 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

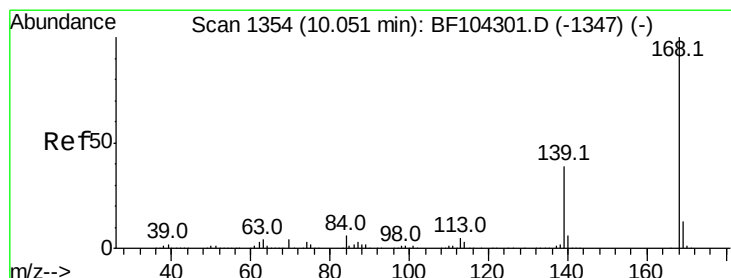
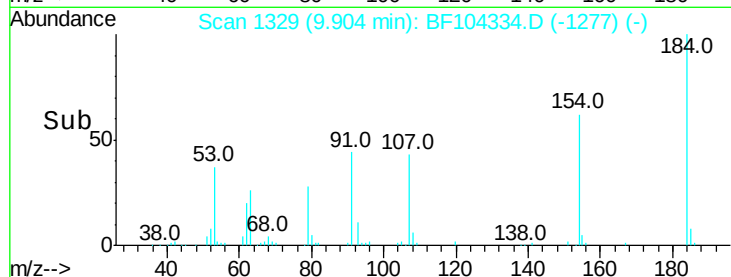
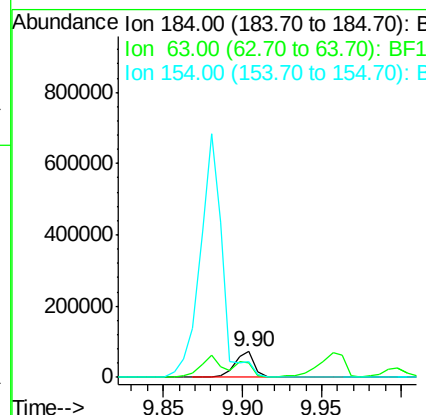
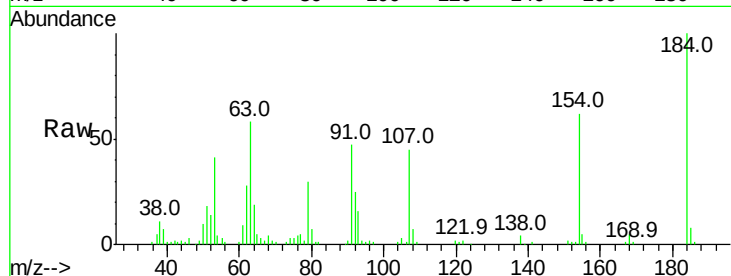




#53
 2,4-Dinitrophenol
 Concen: 49.419 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. 0.01 min
 Lab File: BF104334.D
 Acq: 7 Apr 2018 4:08

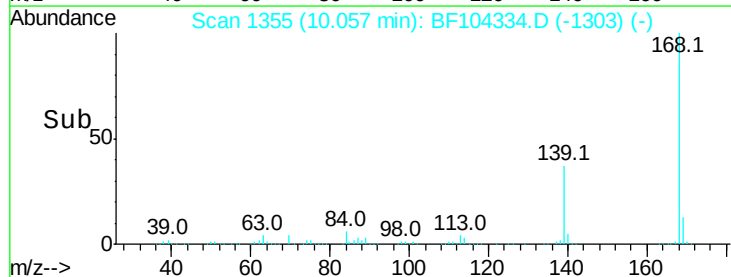
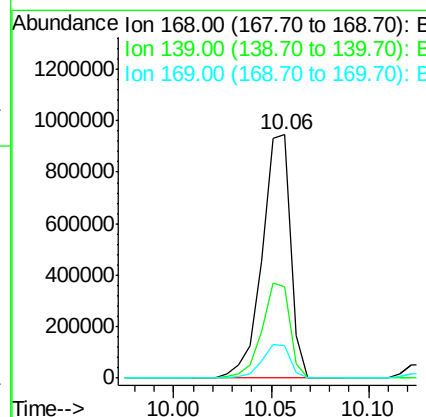
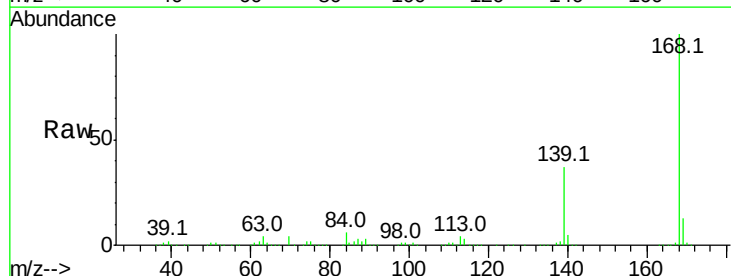
Instrument :
 BNA_F
 ClientSampleId :
 PB108048BS

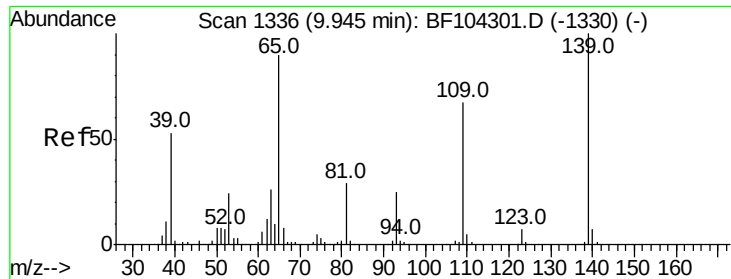
Tot Ion:184 Resp: 61985
 Ion Ratio Lower Upper
 184 100
 63 57.8 54.2 81.2
 154 62.3 184.0 276.0#



#54
 Dibenzofuran
 Concen: 41.637 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. 0.01 min
 Lab File: BF104334.D
 Acq: 7 Apr 2018 4:08

Tgt Ion:168 Resp: 950130
 Ion Ratio Lower Upper
 168 100
 139 37.3 30.1 45.1
 169 13.2 10.9 16.3

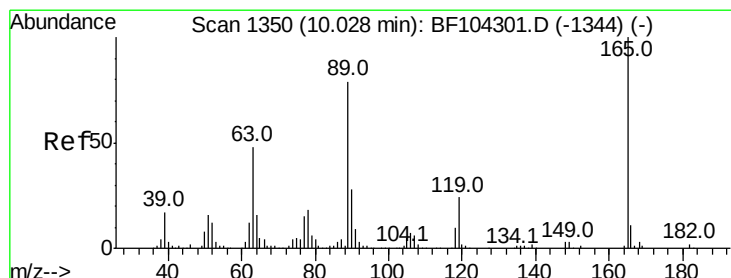
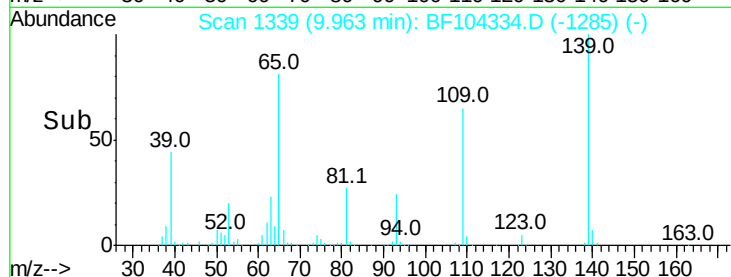
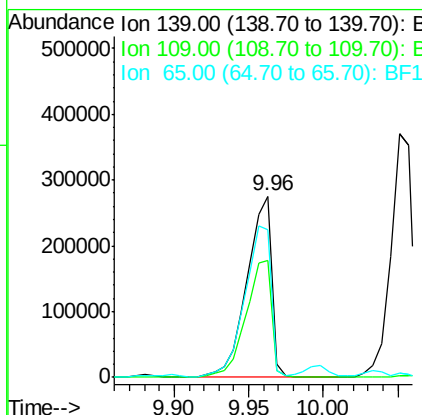
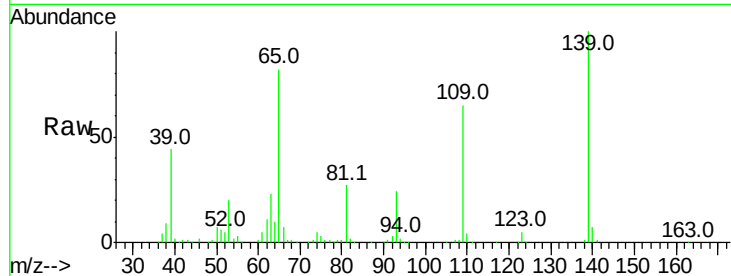




#55
4-Nitrophenol
Concen: 91.217 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.02 min
Lab File: BF104334.D
Acq: 7 Apr 2018 4:08

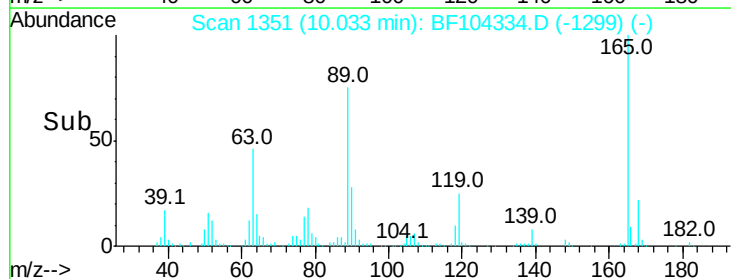
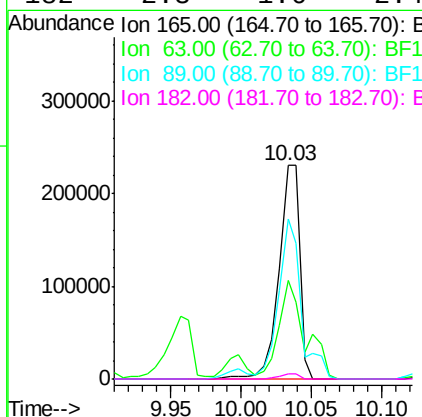
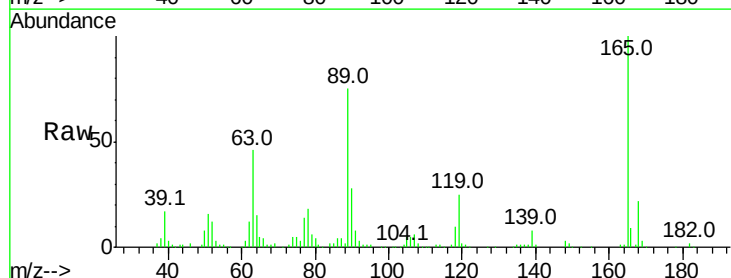
Instrument :
BNA_F
ClientSampleId :
PB108048BS

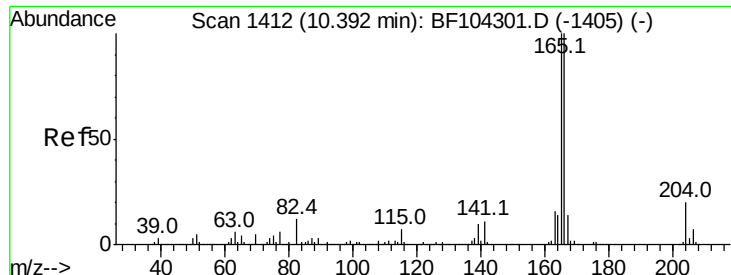
Tot Ion:139 Resp: 315533
Ion Ratio Lower Upper
139 100
109 64.7 48.4 88.4
65 81.5 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 48.043 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF104334.D
Acq: 7 Apr 2018 4:08

Tgt Ion:165 Resp: 237043
Ion Ratio Lower Upper
165 100
63 46.2 36.4 54.6
89 75.2 57.8 86.6
182 2.3 1.6 2.4





#57

Fluorene

Concen: 40.984 ng

RT: 10.40 min Scan# 1413

Delta R.T. 0.01 min

Lab File: BF104334.D

Acq: 7 Apr 2018 4:08

Instrument :

BNA_F

ClientSampleId :

PB108048BS

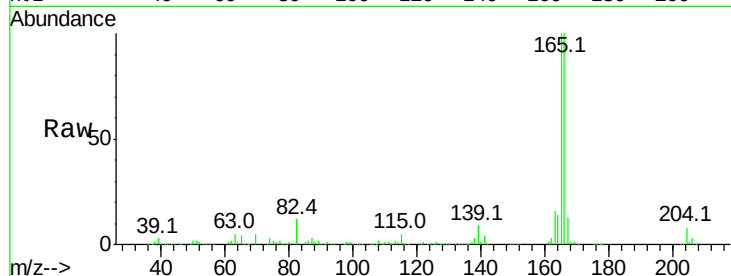
Tot Ion:166 Resp: 680735

Ion Ratio Lower Upper

166 100

165 99.9 79.8 119.8

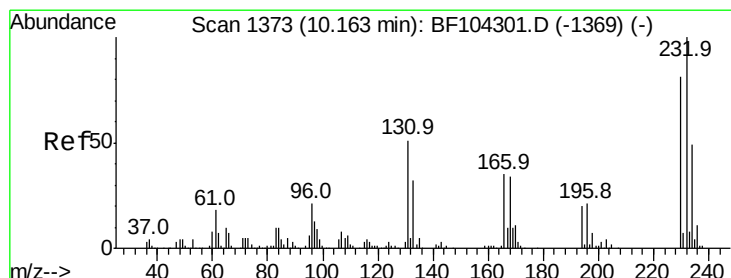
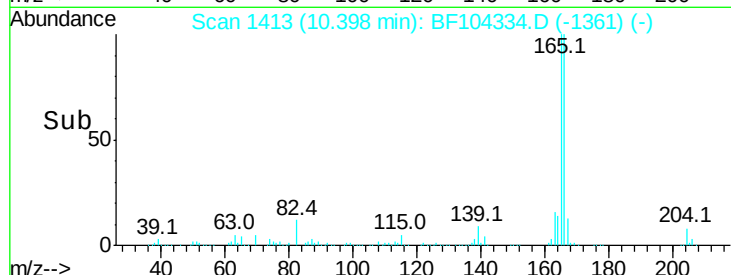
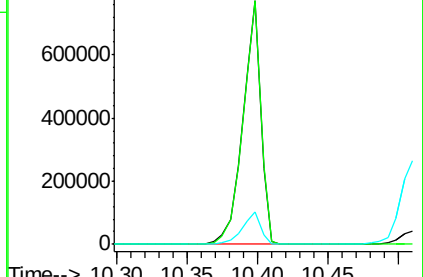
167 13.3 10.6 16.0



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: 43.167 ng

RT: 10.17 min Scan# 1374

Delta R.T. 0.01 min

Lab File: BF104334.D

Acq: 7 Apr 2018 4:08

Tgt Ion:232 Resp: 184603

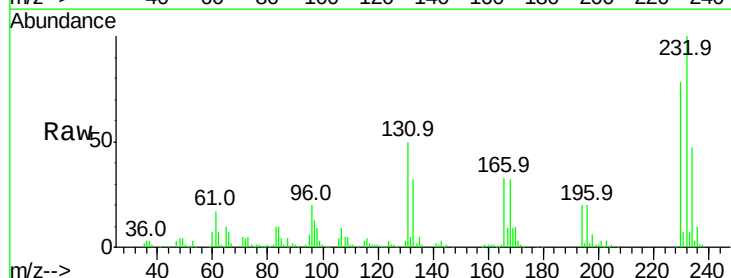
Ion Ratio Lower Upper

232 100

131 50.9 43.8 65.8

130 2.5 2.1 3.1

166 34.0 27.8 41.6

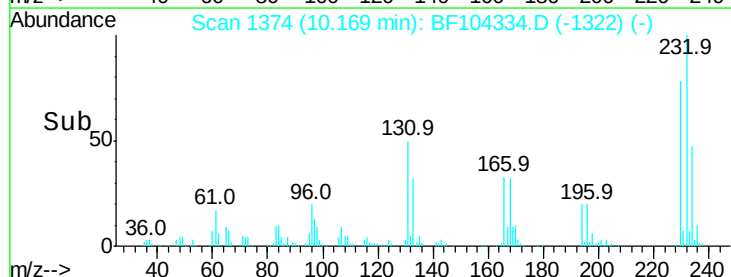
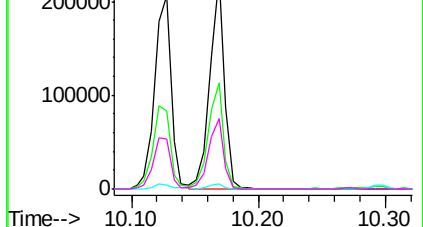


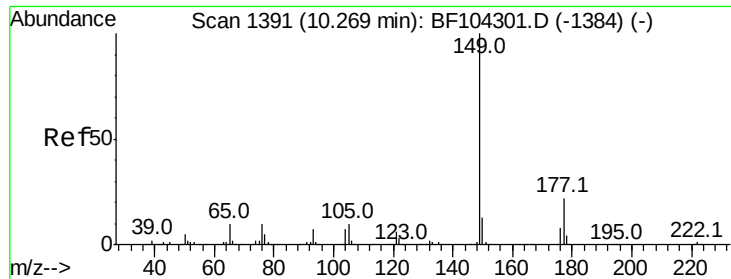
Abundance Ion 232.00 (231.70 to 232.70): E

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

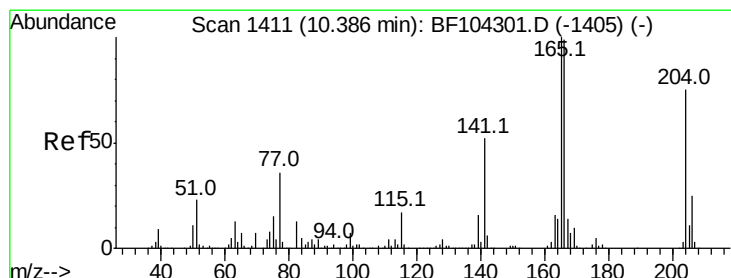
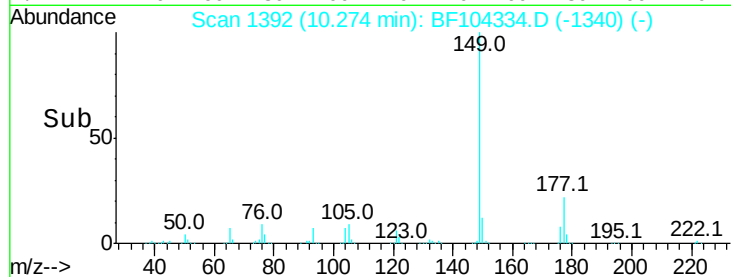
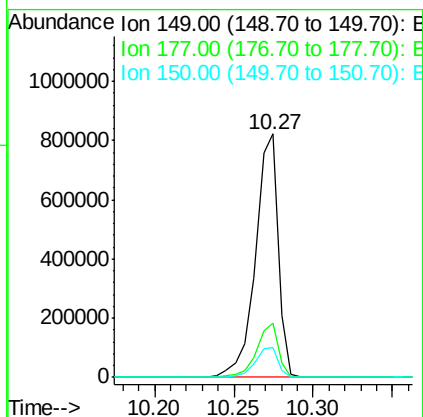
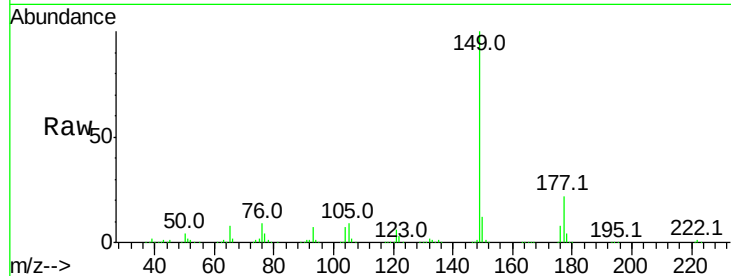




#59
Diethylphthalate
Concen: 40.537 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.01 min
Lab File: BF104334.D
Acq: 7 Apr 2018 4:08

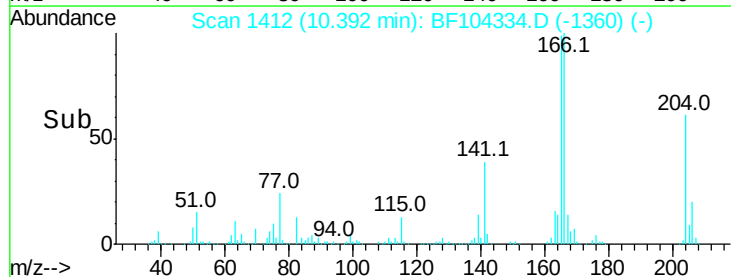
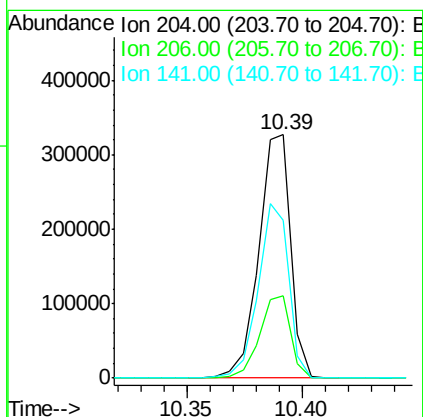
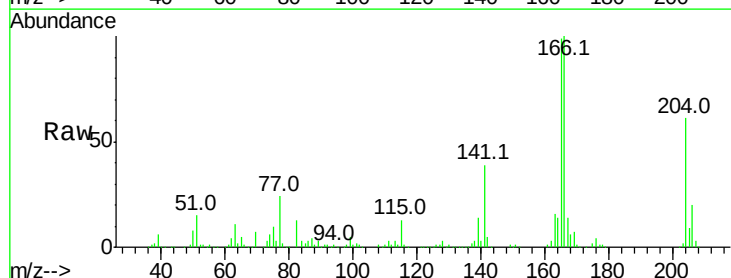
Instrument :
BNA_F
ClientSampled :
PB108048BS

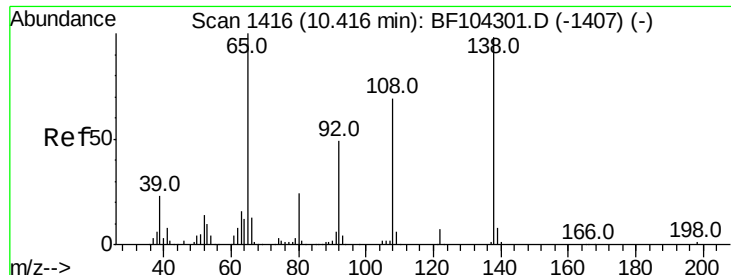
Tot Ion:149 Resp: 820680
Ion Ratio Lower Upper
149 100
177 22.1 16.1 24.1
150 12.5 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 42.426 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF104334.D
Acq: 7 Apr 2018 4:08

Tgt Ion:204 Resp: 313825
Ion Ratio Lower Upper
204 100
206 33.8 26.5 39.7
141 64.7 54.6 81.8

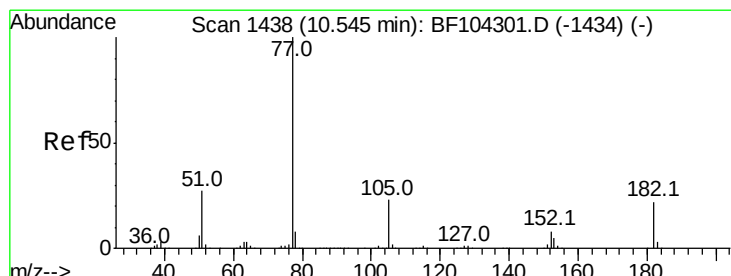
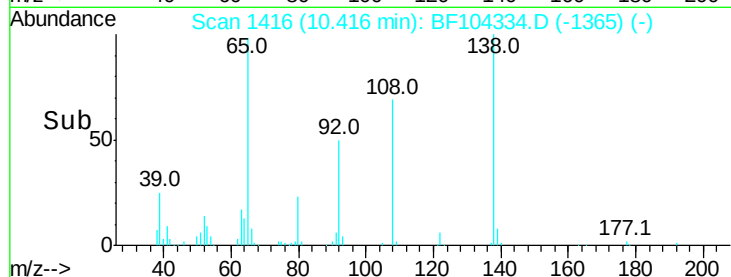
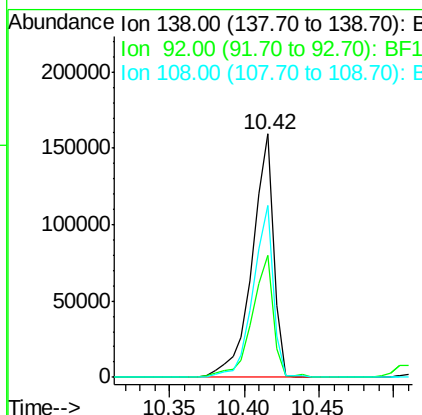
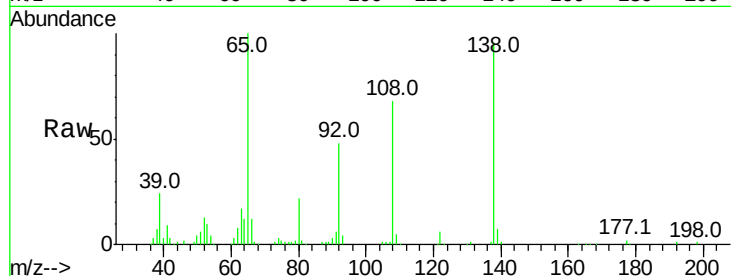




#61
4-Nitroaniline
Concen: 36.617 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.00 min
Lab File: BF104334.D
Acq: 7 Apr 2018 4:08

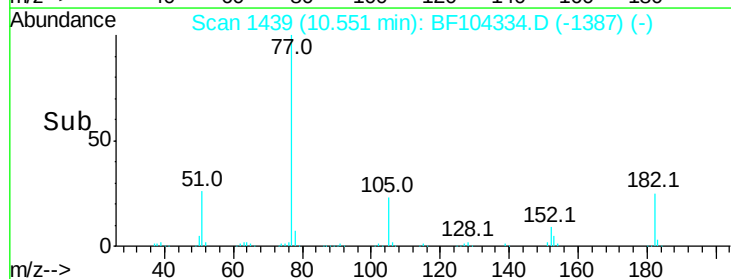
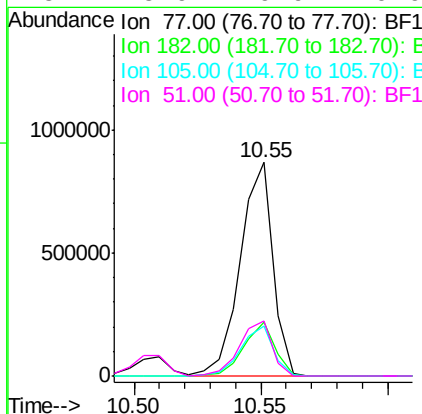
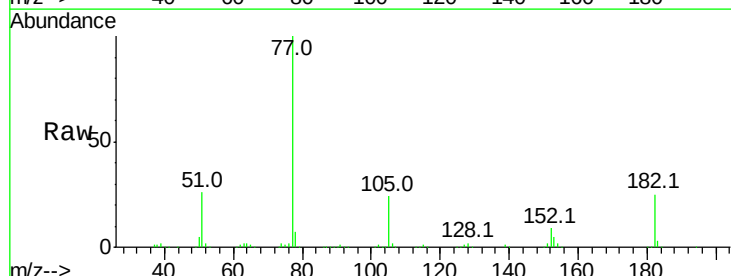
Instrument :
BNA_F
ClientSampleId :
PB108048BS

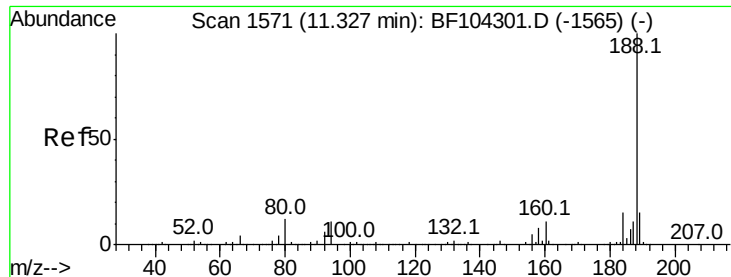
Tot Ion:138 Resp: 157662
Ion Ratio Lower Upper
138 100
92 50.2 30.2 70.2
108 70.8 52.5 92.5



#62
Azobenzene
Concen: 40.252 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.01 min
Lab File: BF104334.D
Acq: 7 Apr 2018 4:08

Tgt Ion: 77 Resp: 778551
Ion Ratio Lower Upper
77 100
182 25.4 1.7 41.7
105 23.6 3.0 43.0
51 25.9 9.9 49.9

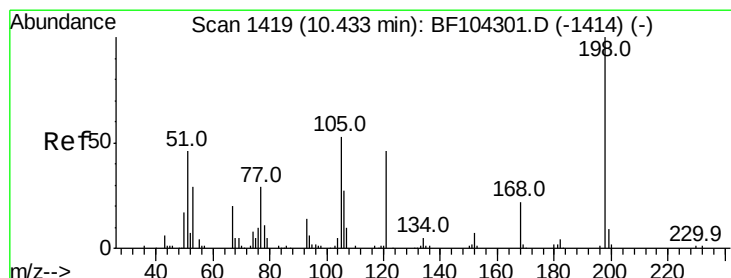
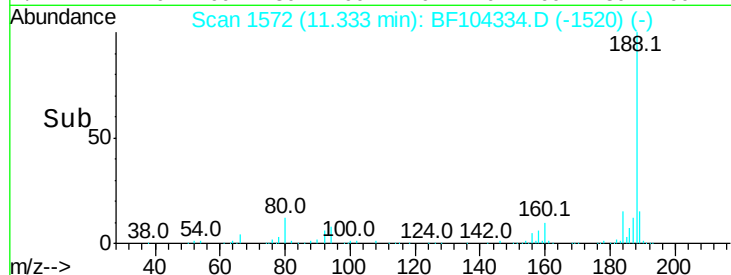
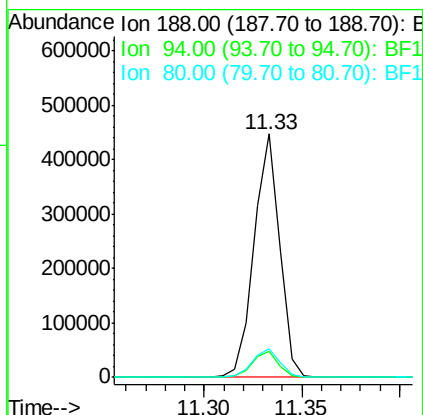
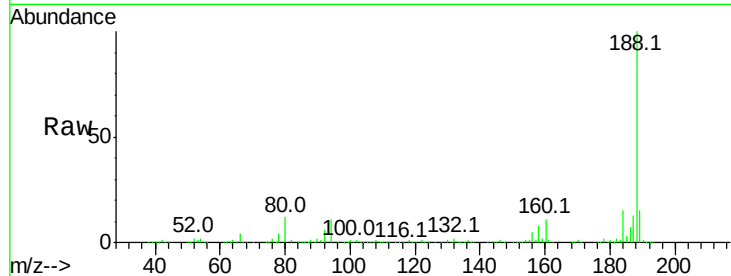




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BF104334.D
Acq: 7 Apr 2018 4:08

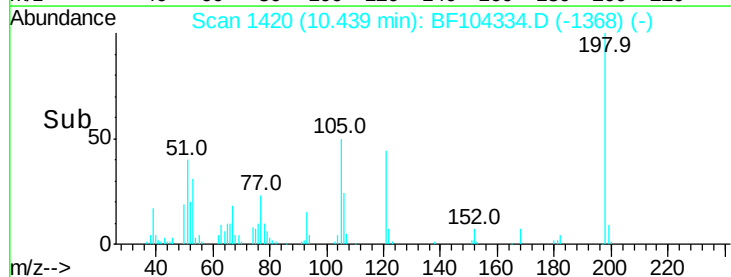
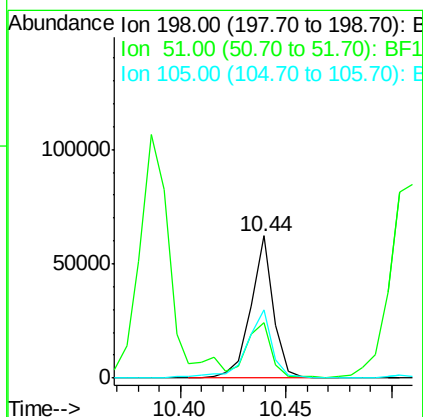
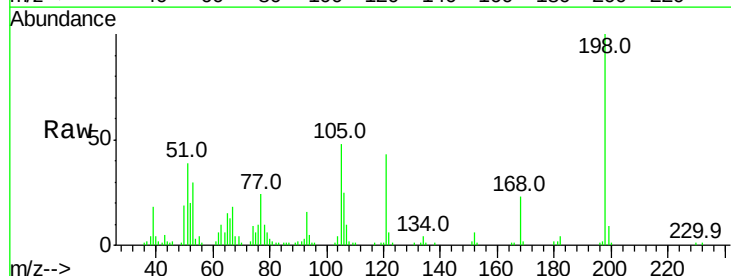
Instrument :
BNA_F
ClientSampleId :
PB108048BS

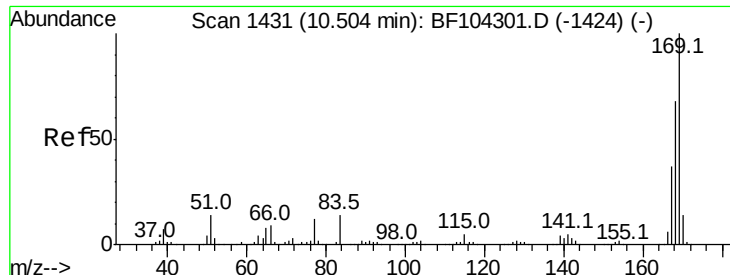
Tot Ion:188 Resp: 405166
Ion Ratio Lower Upper
188 100
94 10.5 8.5 12.7
80 12.0 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 27.367 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.01 min
Lab File: BF104334.D
Acq: 7 Apr 2018 4:08

Tgt Ion:198 Resp: 46643
Ion Ratio Lower Upper
198 100
51 39.5 37.7 77.7
105 48.3 36.3 76.3

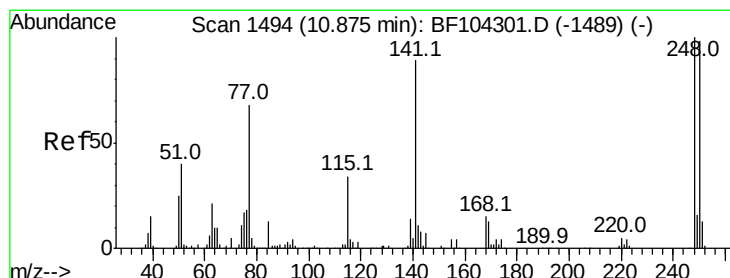
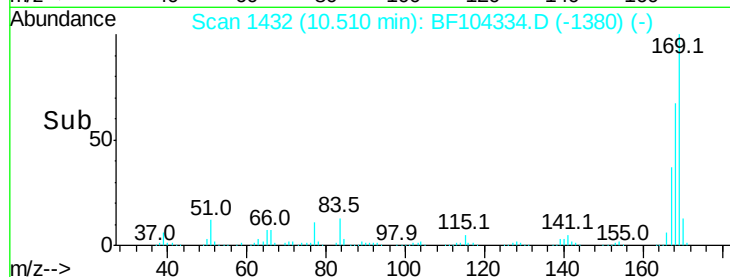
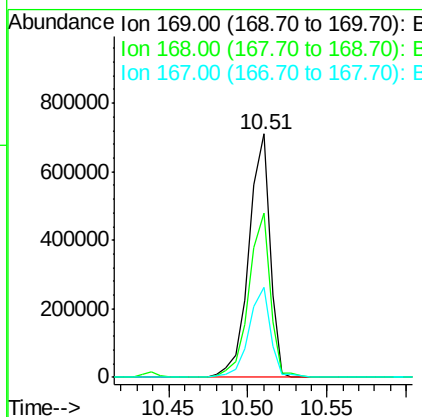
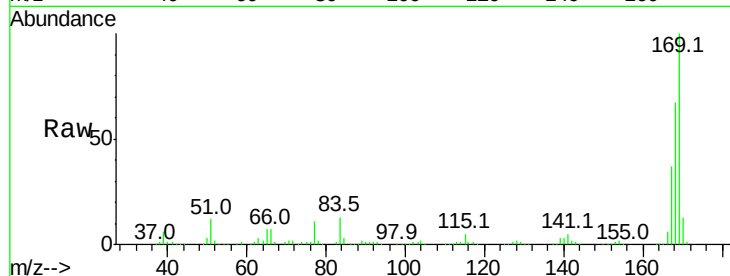




#65
 n-Nitrosodiphenylamine
 Concen: 46.643 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: BF104334.D
 Acq: 7 Apr 2018 4:08

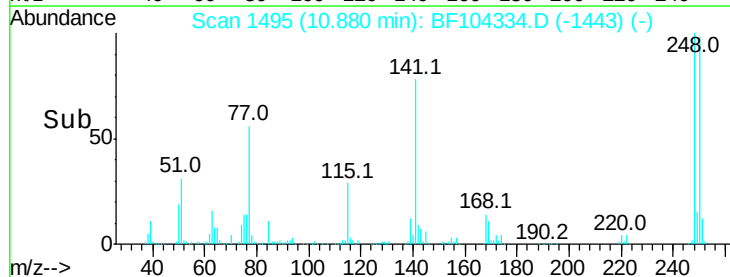
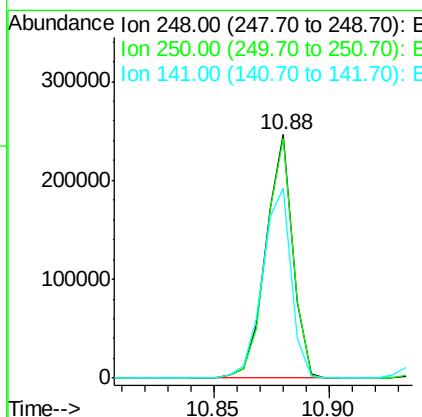
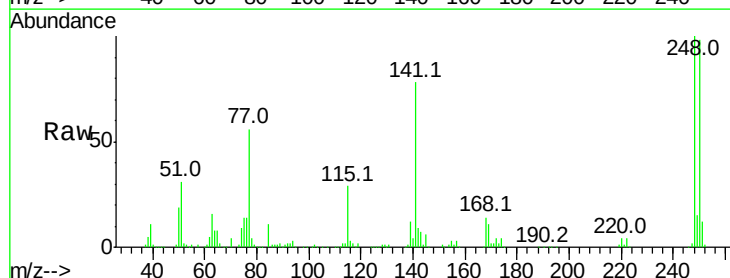
Instrument :
 BNA_F
 ClientSampleId :
 PB108048BS

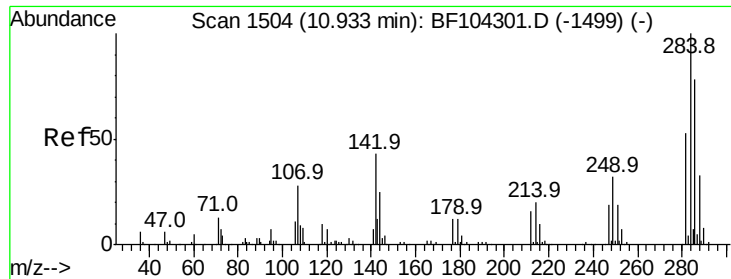
Tot Ion:169 Resp: 655253
 Ion Ratio Lower Upper
 169 100
 168 67.3 54.4 81.6
 167 37.1 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 46.401 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. 0.01 min
 Lab File: BF104334.D
 Acq: 7 Apr 2018 4:08

Tgt Ion:248 Resp: 199972
 Ion Ratio Lower Upper
 248 100
 250 98.5 76.9 115.3
 141 77.8 74.4 111.6





#67

Hexachlorobenzene

Concen: 43.260 ng

RT: 10.94 min Scan# 1505

Delta R.T. 0.01 min

Lab File: BF104334.D

Acq: 7 Apr 2018 4:08

Instrument :

BNA_F

ClientSampleId :

PB108048BS

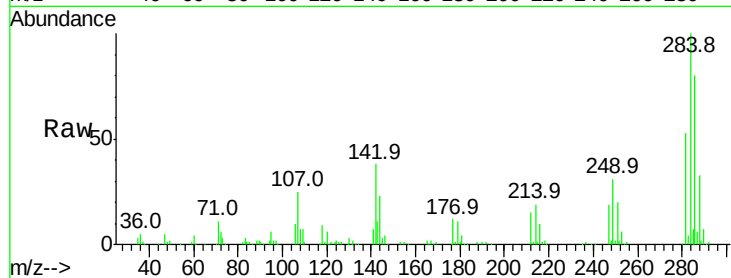
Tot Ion:284 Resp: 209781

Ion Ratio Lower Upper

284 100

142 37.7 34.6 52.0

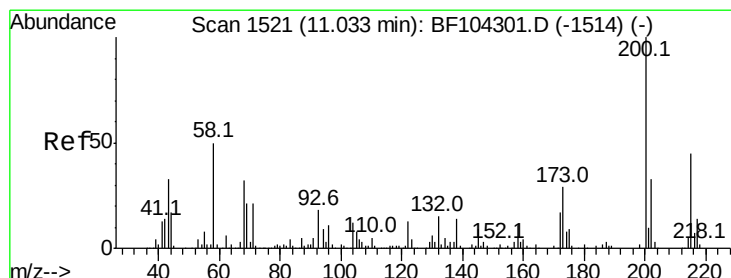
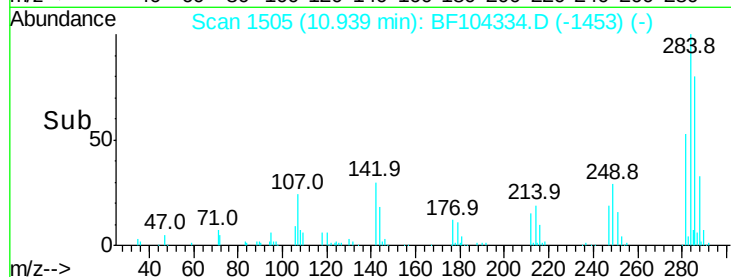
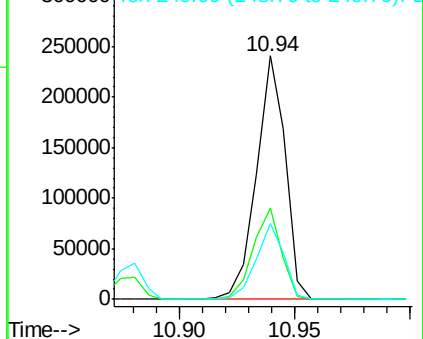
249 31.2 24.8 37.2



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: 47.520 ng

RT: 11.04 min Scan# 1522

Delta R.T. 0.01 min

Lab File: BF104334.D

Acq: 7 Apr 2018 4:08

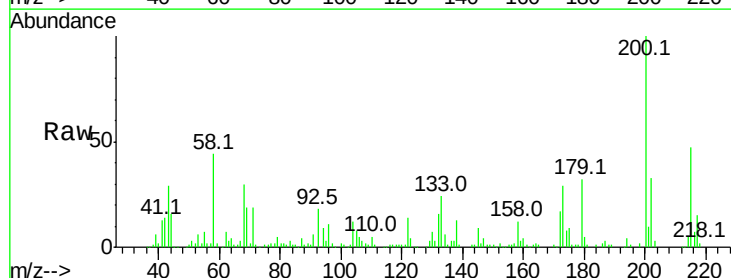
Tgt Ion:200 Resp: 201501

Ion Ratio Lower Upper

200 100

173 28.6 8.6 48.6

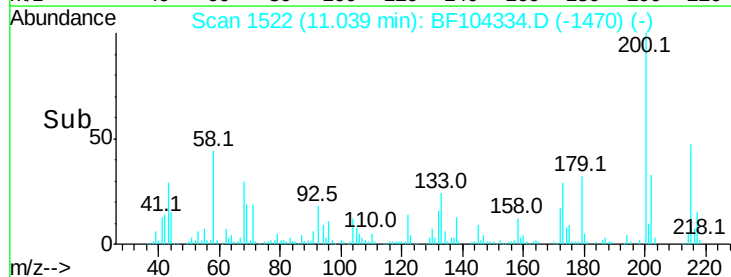
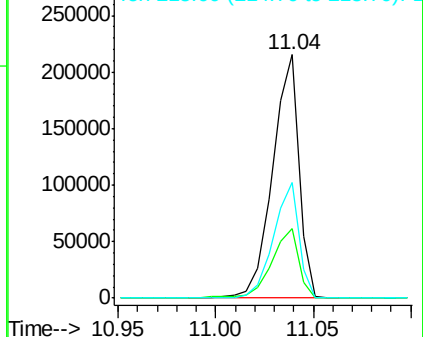
215 47.4 25.1 65.1

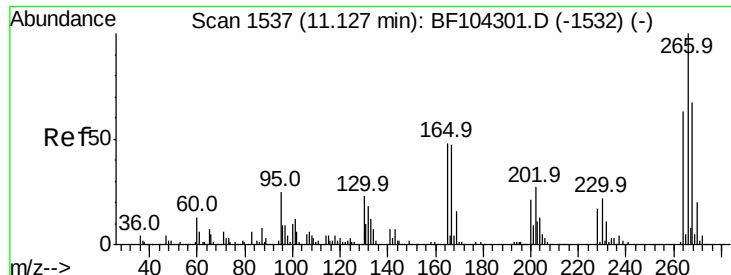


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 71.929 ng

RT: 11.13 min Scan# 1538

Delta R.T. 0.01 min

Lab File: BF104334.D

Acq: 7 Apr 2018 4:08

Instrument :

BNA_F

ClientSampleId :

PB108048BS

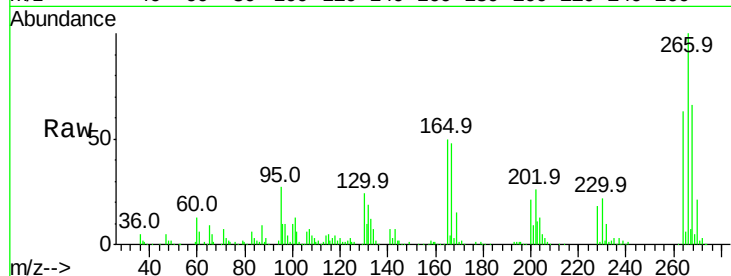
Tot Ion:266 Resp: 215789

Ion Ratio Lower Upper

266 100

268 66.3 51.1 76.7

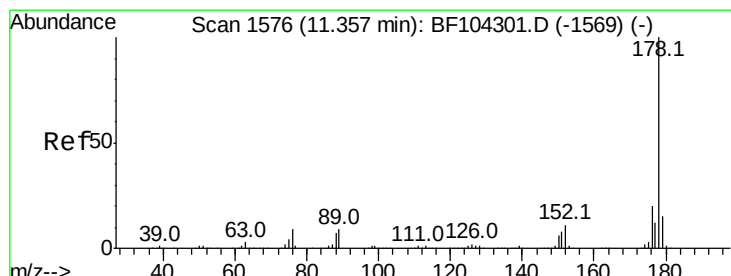
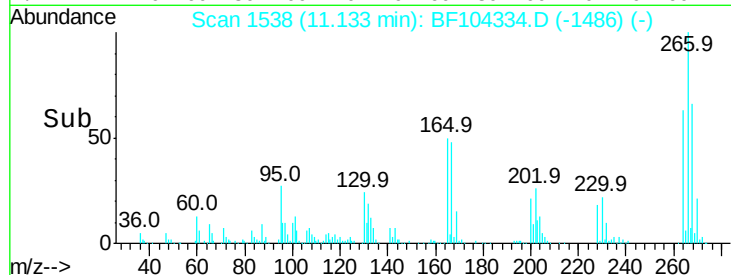
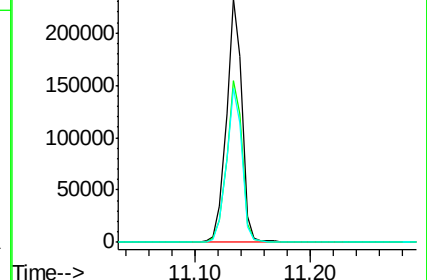
264 63.3 49.5 74.3



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 41.845 ng

RT: 11.36 min Scan# 1576

Delta R.T. -0.00 min

Lab File: BF104334.D

Acq: 7 Apr 2018 4:08

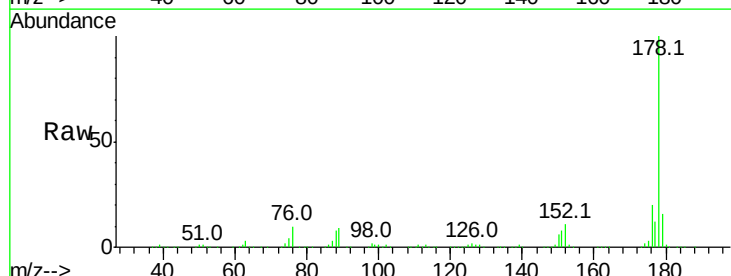
Tgt Ion:178 Resp: 944157

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.8

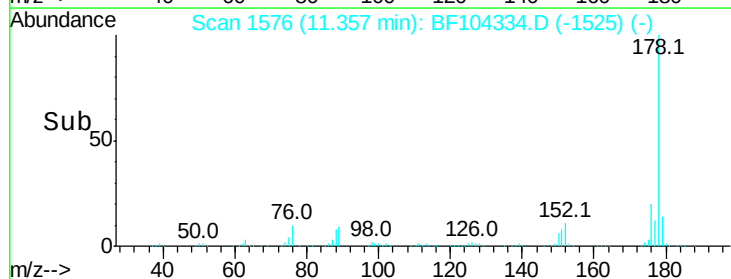
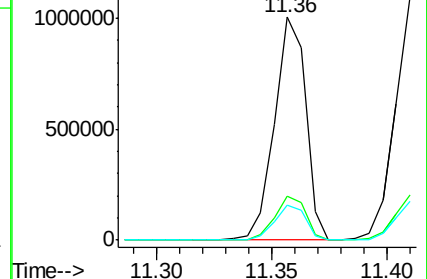
179 15.6 13.0 19.6

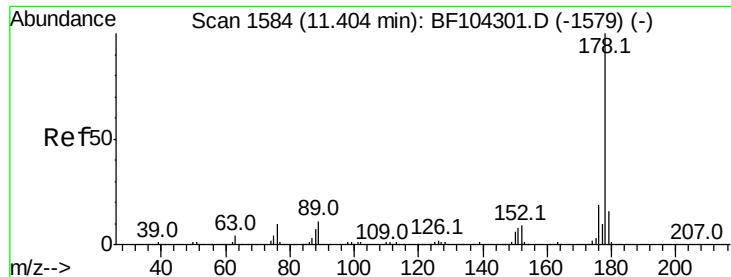


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

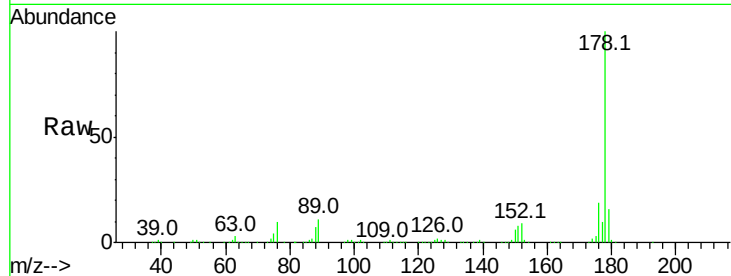




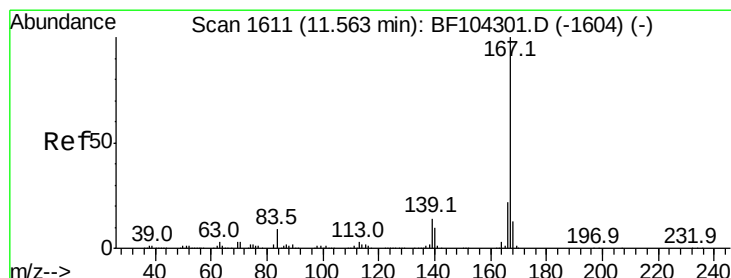
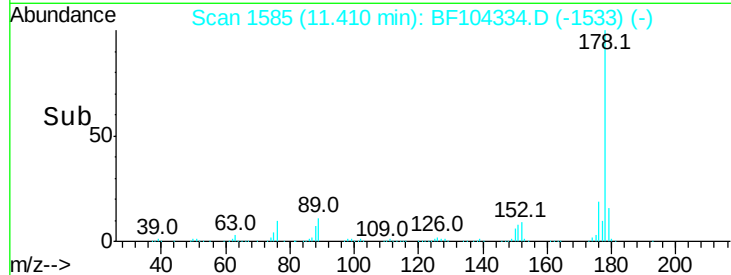
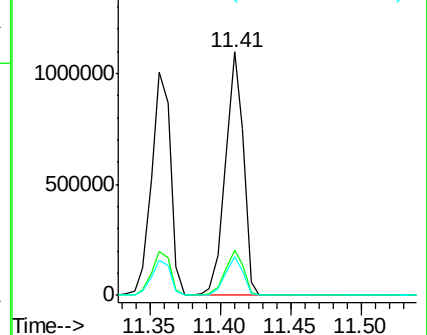
#71
 Anthracene
 Concen: 42.334 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. 0.01 min
 Lab File: BF104334.D
 Acq: 7 Apr 2018 4:08

Instrument :
 BNA_F
 ClientSampleId :
 PB108048BS

Tot Ion:178 Resp: 970966
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.4 23.2
 179 15.7 12.6 19.0

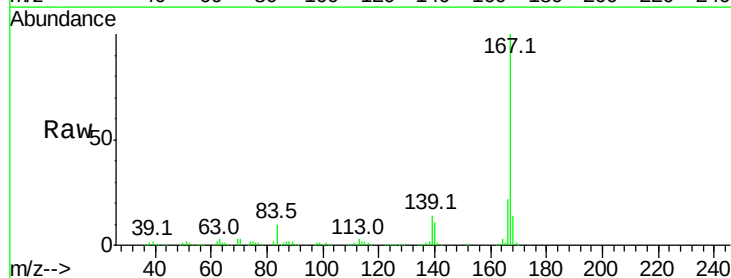


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

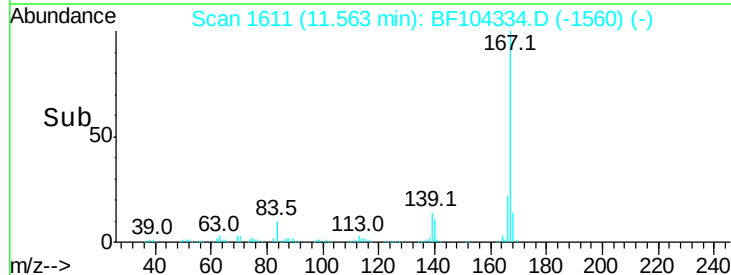
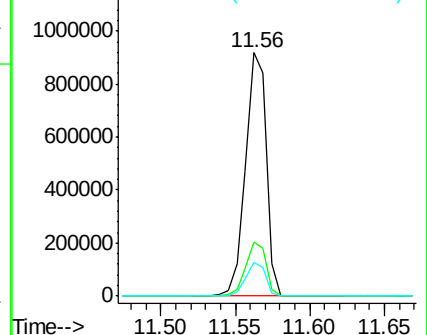


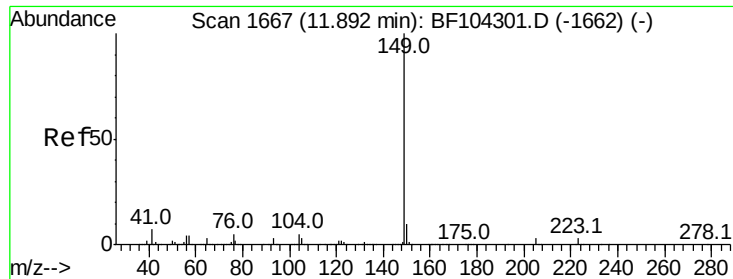
#72
 Carbazole
 Concen: 39.539 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.00 min
 Lab File: BF104334.D
 Acq: 7 Apr 2018 4:08

Tgt Ion:167 Resp: 886165
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 13.8 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.956 ng

RT: 11.90 min Scan# 1668

Delta R.T. 0.01 min

Lab File: BF104334.D

Acq: 7 Apr 2018 4:08

Instrument :

BNA_F

ClientSampleId :

PB108048BS

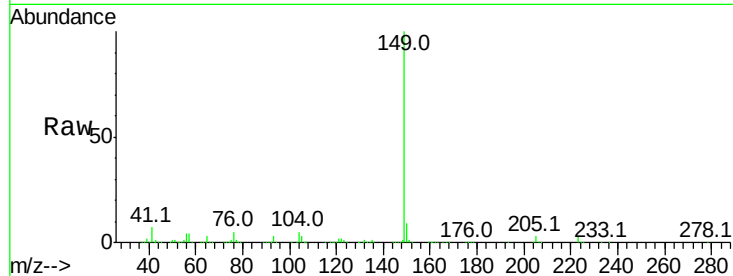
Tot Ion:149 Resp: 1203433

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

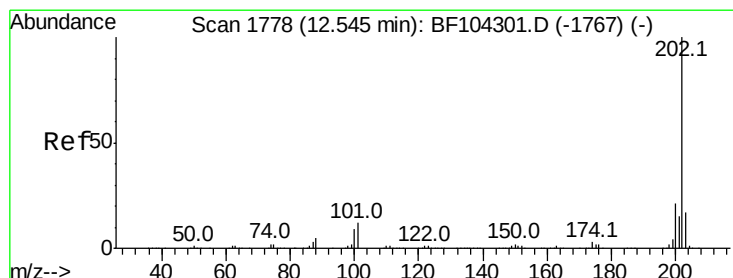
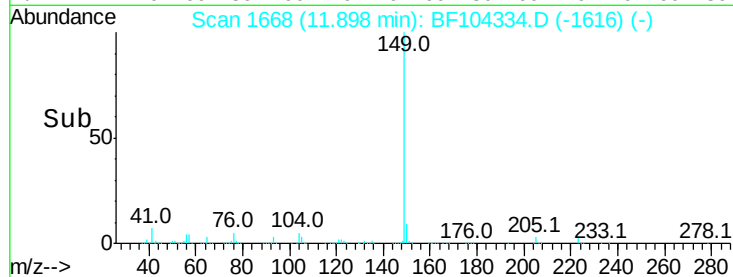
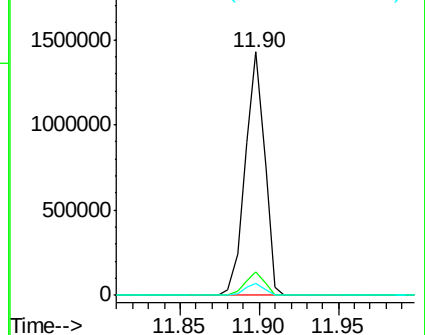
104 5.0 3.8 5.8



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: 35.811 ng

RT: 12.54 min Scan# 1778

Delta R.T. -0.00 min

Lab File: BF104334.D

Acq: 7 Apr 2018 4:08

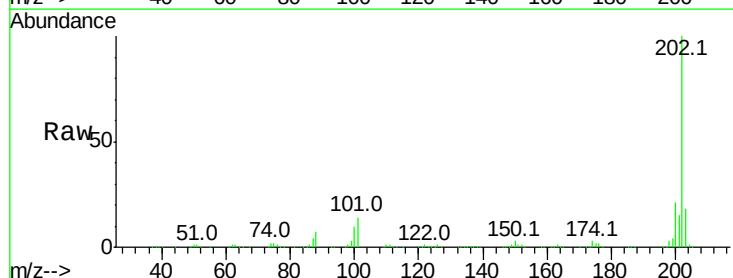
Tgt Ion:202 Resp: 844226

Ion Ratio Lower Upper

202 100

101 13.7 0.0 34.1

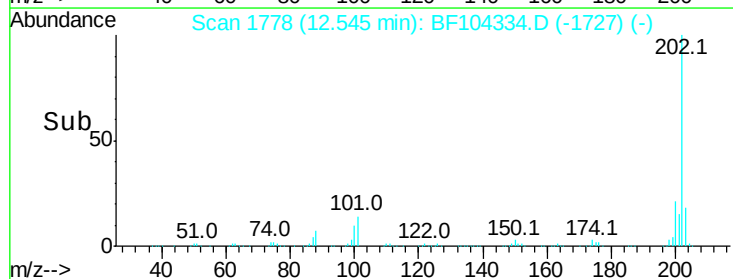
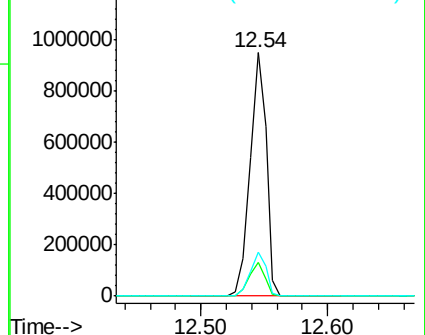
203 18.0 0.0 38.1

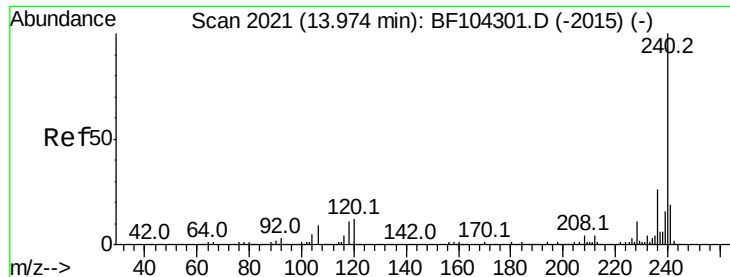


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.97 min Scan# 2021

Delta R.T. -0.00 min

Lab File: BF104334.D

Acq: 7 Apr 2018 4:08

Instrument :

BNA_F

ClientSampleId :

PB108048BS

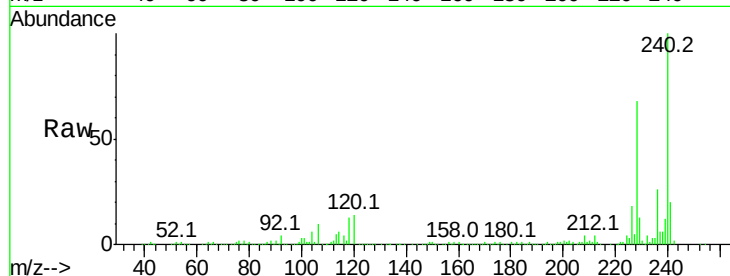
Tot Ion:240 Resp: 260527

Ion Ratio Lower Upper

240 100

120 14.5 9.5 14.3#

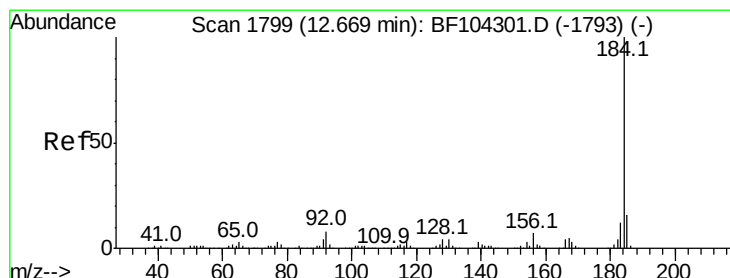
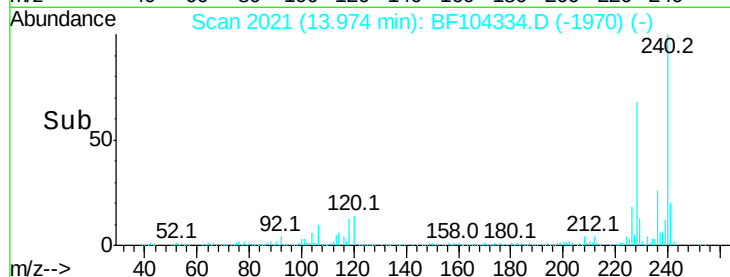
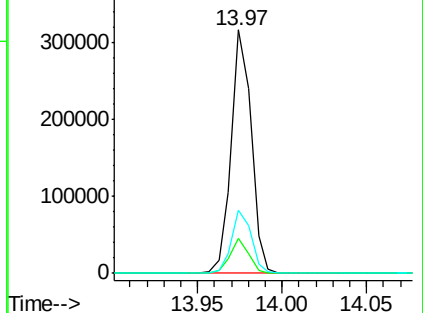
236 26.1 20.7 31.1



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: 41.670 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.00 min

Lab File: BF104334.D

Acq: 7 Apr 2018 4:08

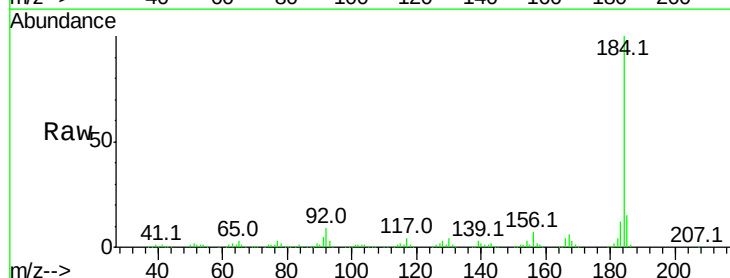
Tgt Ion:184 Resp: 363710

Ion Ratio Lower Upper

184 100

185 15.3 12.6 18.8

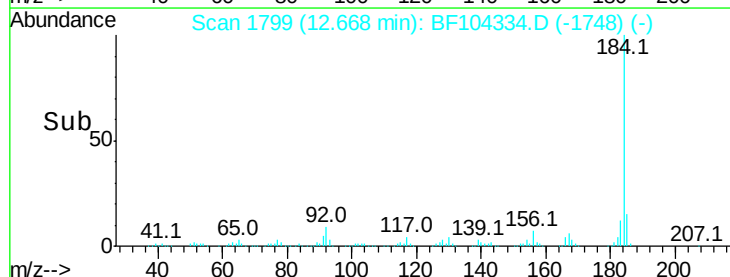
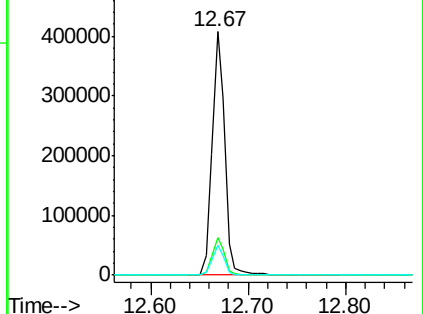
183 12.1 9.3 13.9

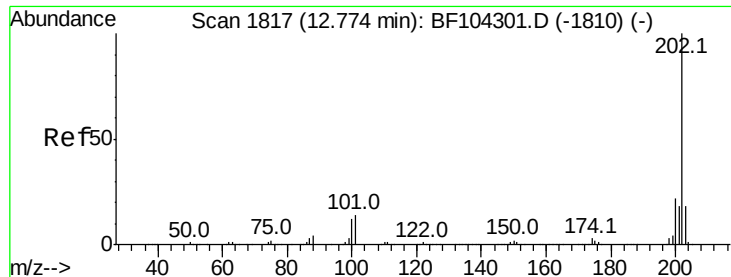


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

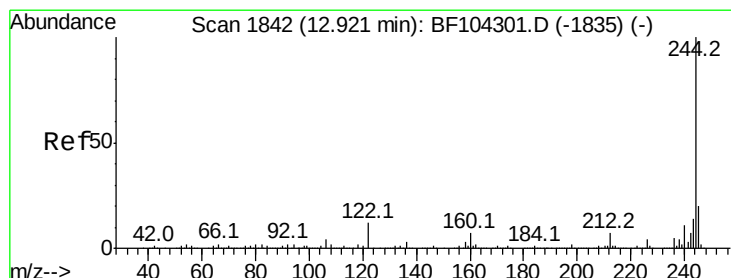
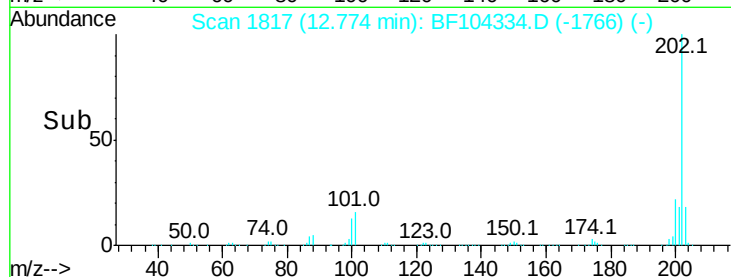
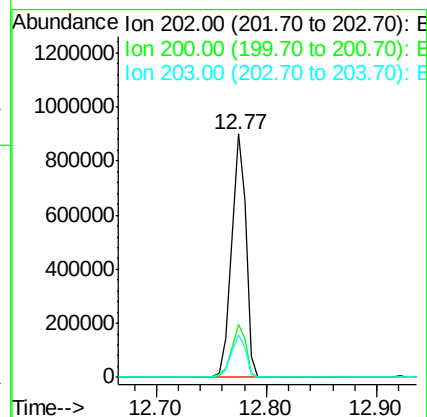
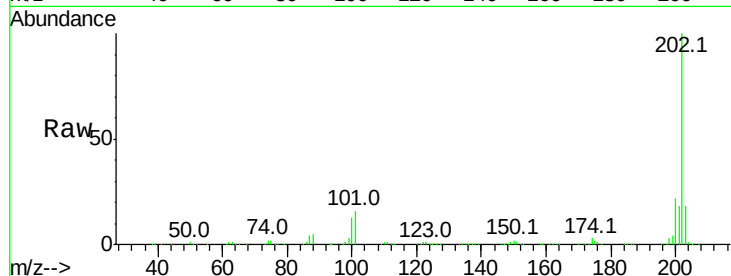




#77
 Pvrene
 Concen: 42.522 ng
 RT: 12.77 min Scan# 1817
 Delta R.T. -0.00 min
 Lab File: BF104334.D
 Acq: 7 Apr 2018 4:08

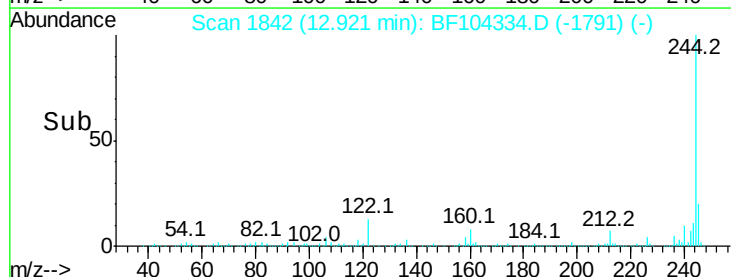
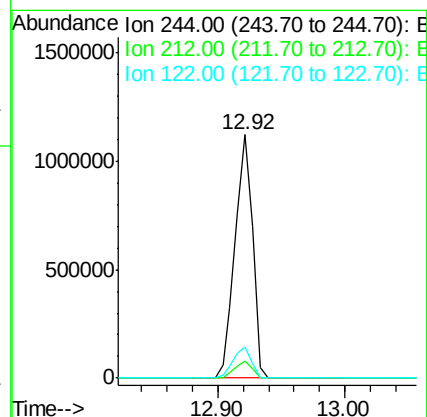
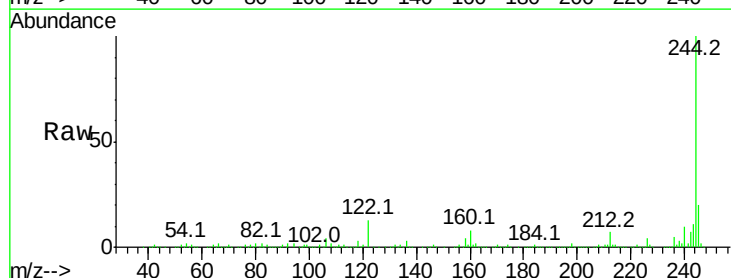
Instrument :
 BNA_F
 ClientSampleId :
 PB108048BS

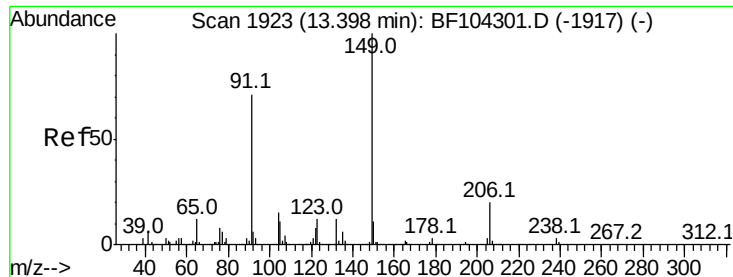
Tot Ion:202 Resp: 821154
 Ion Ratio Lower Upper
 202 100
 200 21.8 17.4 26.2
 203 17.7 14.3 21.5



#78
 Terphenyl-d14
 Concen: 93.613 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BF104334.D
 Acq: 7 Apr 2018 4:08

Tgt Ion:244 Resp: 1069764
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 12.6 11.0 16.4





#79

Butylbenzylphthalate

Concen: 45.349 ng

RT: 13.40 min Scan# 1923

Delta R.T. -0.00 min

Lab File: BF104334.D

Acq: 7 Apr 2018 4:08

Instrument :

BNA_F

ClientSampleId :

PB108048BS

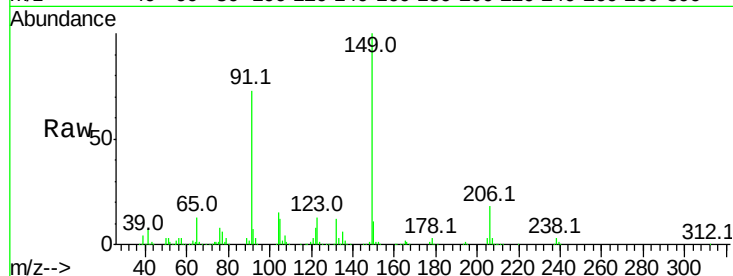
Tot Ion:149 Resp: 412576

Ion Ratio Lower Upper

149 100

91 73.1 56.8 85.2

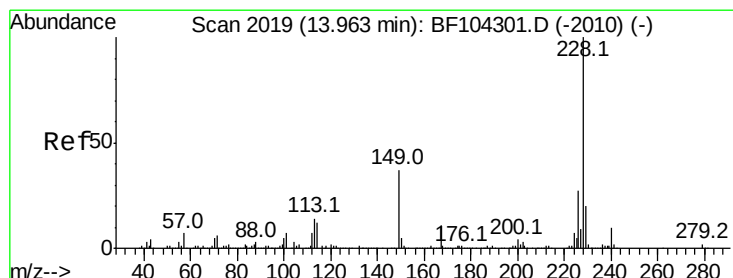
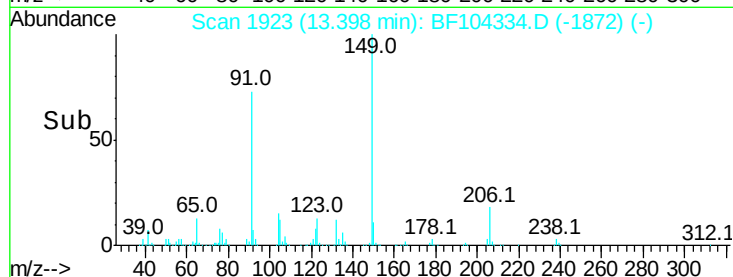
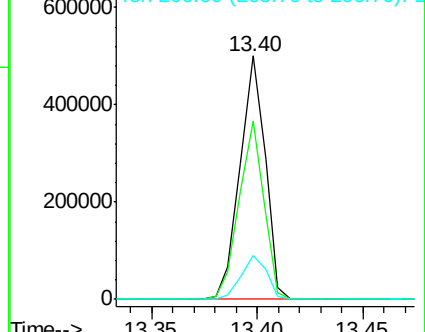
206 18.2 14.1 21.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 42.589 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BF104334.D

Acq: 7 Apr 2018 4:08

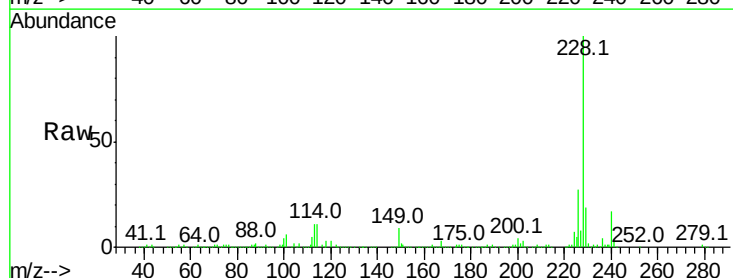
Tgt Ion:228 Resp: 662868

Ion Ratio Lower Upper

228 100

226 27.3 22.6 33.8

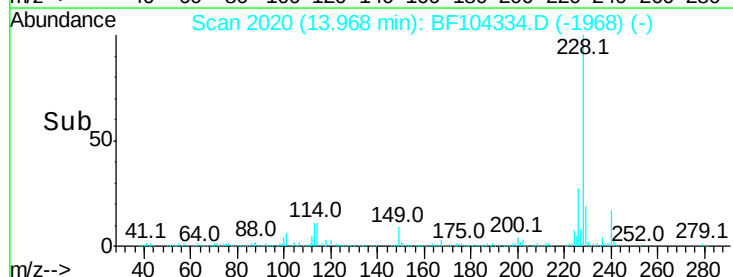
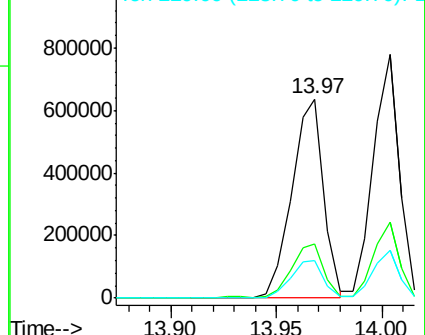
229 18.9 15.8 23.6

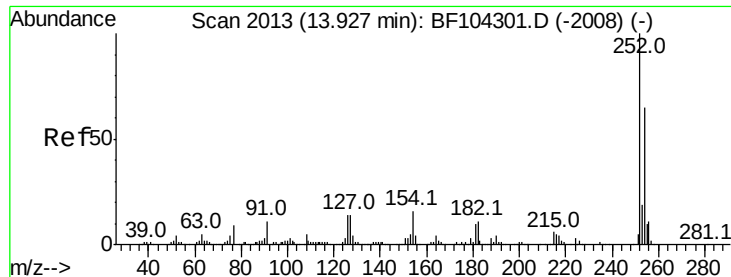


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 40.750 ng

RT: 13.93 min Scan# 2014

Delta R.T. 0.01 min

Lab File: BF104334.D

Acq: 7 Apr 2018 4:08

Instrument :

BNA_F

ClientSampleId :

PB108048BS

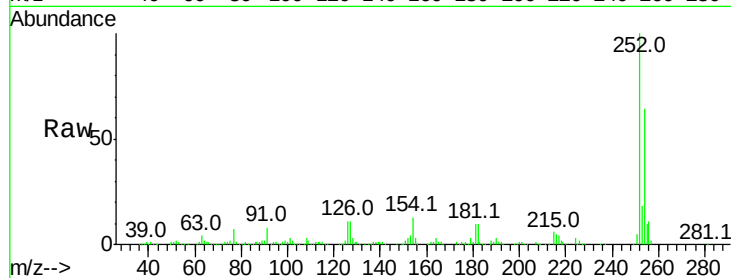
Tot Ion:252 Resp: 236477

Ion Ratio Lower Upper

252 100

254 64.4 50.4 75.6

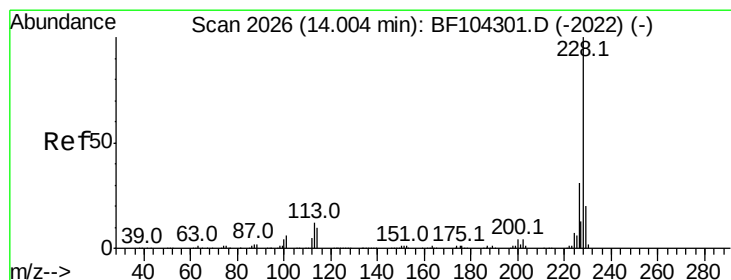
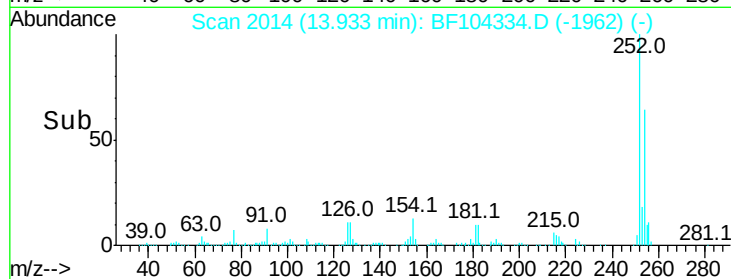
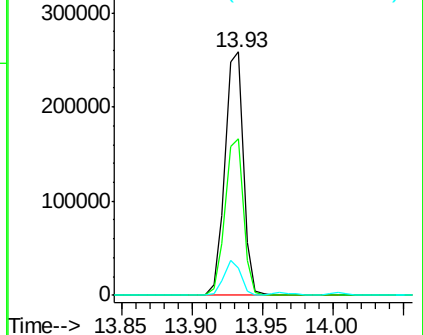
126 11.0 11.3 16.9#



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: 42.362 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.00 min

Lab File: BF104334.D

Acq: 7 Apr 2018 4:08

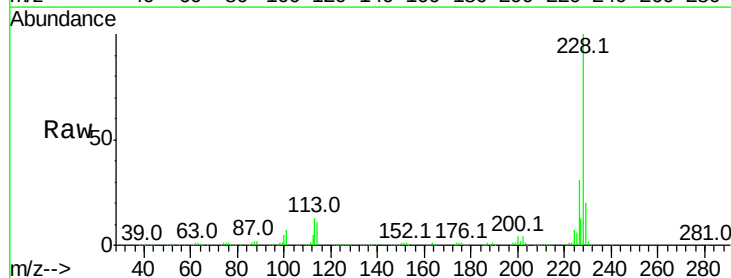
Tgt Ion:228 Resp: 677238

Ion Ratio Lower Upper

228 100

226 31.0 25.0 37.6

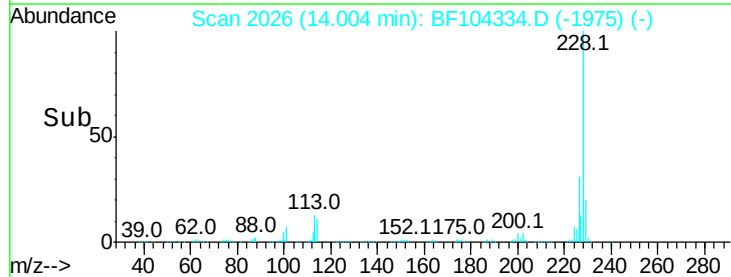
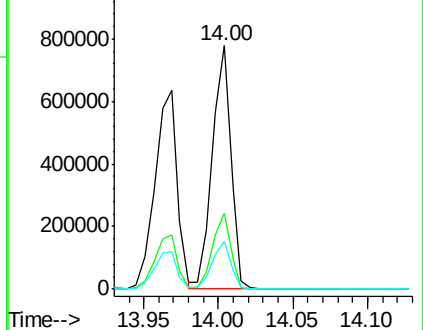
229 19.7 16.2 24.4

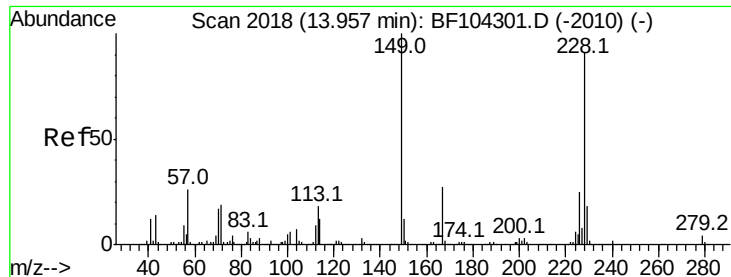


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.598 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.00 min

Lab File: BF104334.D

Acq: 7 Apr 2018 4:08

Instrument :

BNA_F

ClientSampleId :

PB108048BS

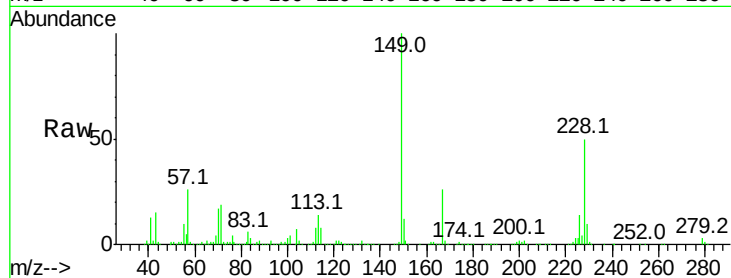
Tot Ion:149 Resp: 533593

Ion Ratio Lower Upper

149 100

167 26.1 21.3 31.9

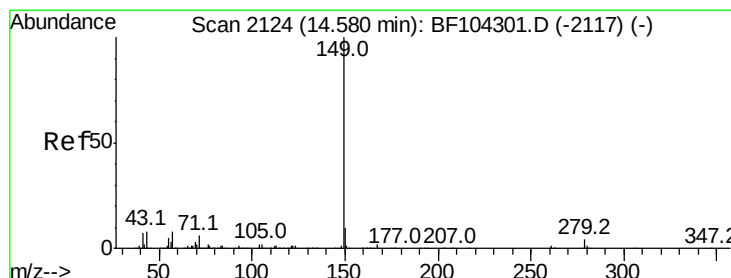
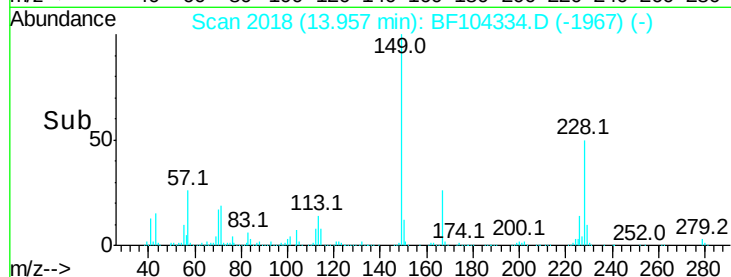
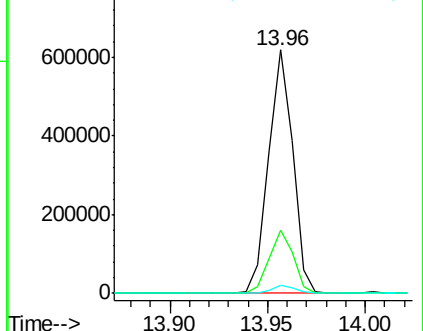
279 3.3 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 46.314 ng

RT: 14.58 min Scan# 2124

Delta R.T. -0.00 min

Lab File: BF104334.D

Acq: 7 Apr 2018 4:08

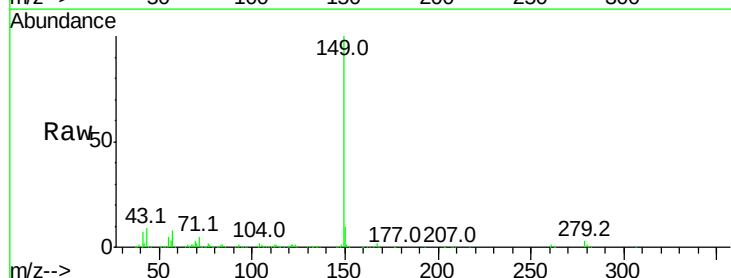
Tgt Ion:149 Resp: 905582

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

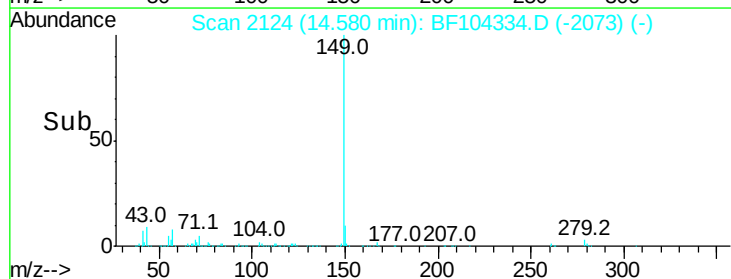
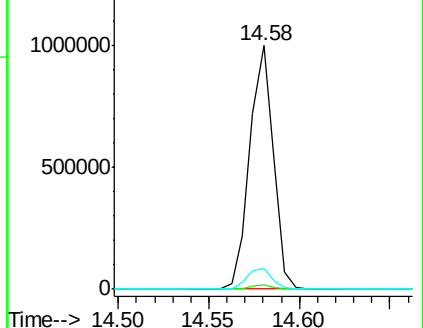
43 9.0 8.4 12.6

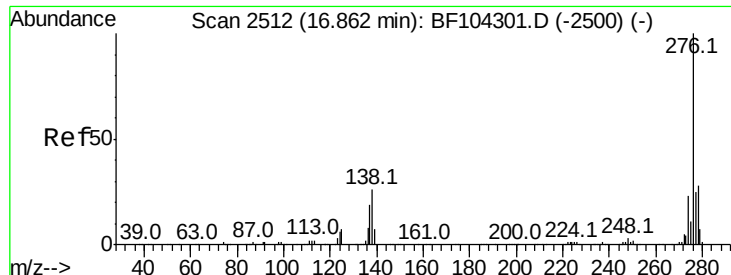


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

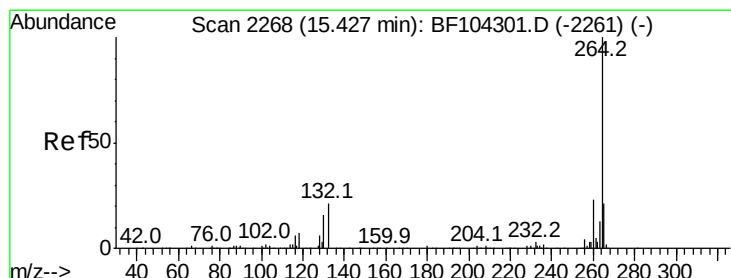
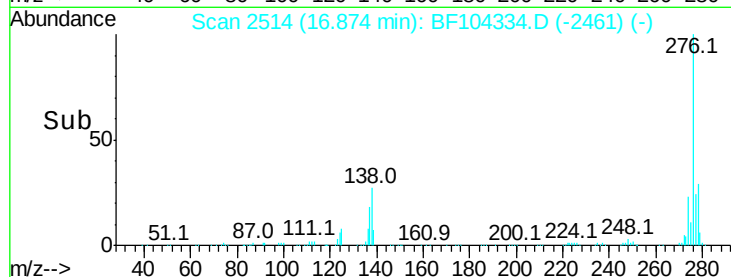
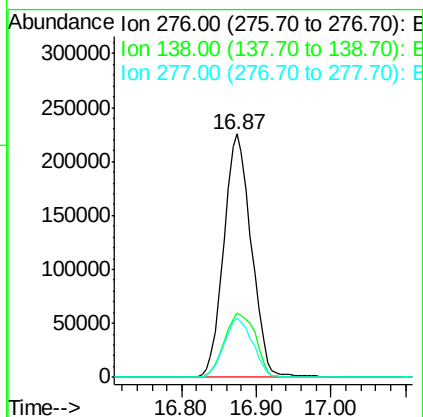
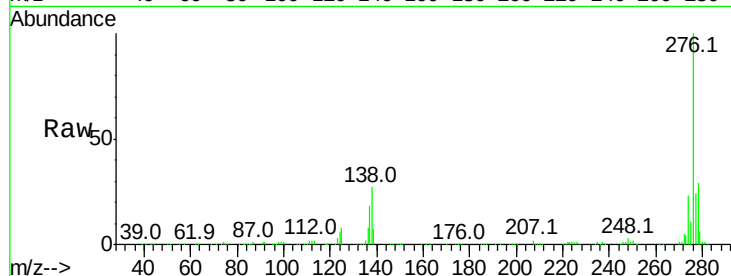




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.687 ng
 RT: 16.87 min Scan# 2514
 Delta R.T. 0.01 min
 Lab File: BF104334.D
 Acq: 7 Apr 2018 4:08

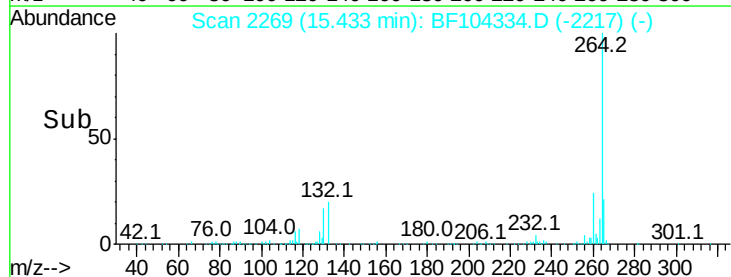
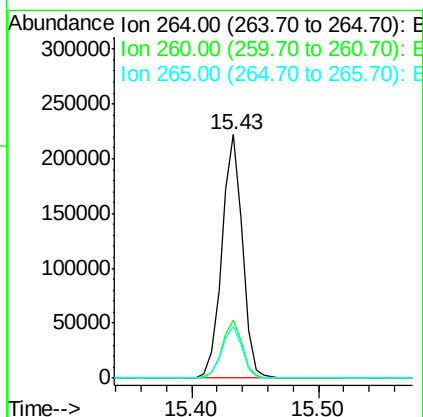
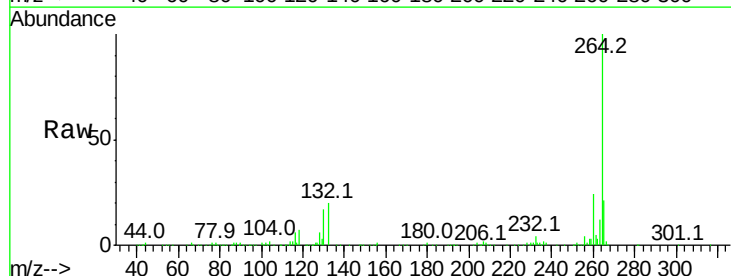
Instrument :
 BNA_F
 ClientSampleId :
 PB108048BS

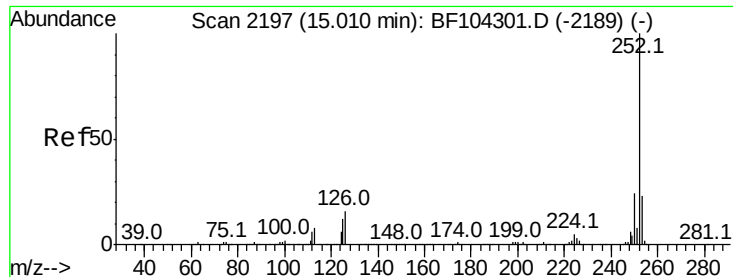
Tot Ion	Ratio	Lower	Upper
276	100		
138	29.9	25.0	37.6
277	25.3	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. 0.01 min
 Lab File: BF104334.D
 Acq: 7 Apr 2018 4:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.0	17.5	26.3

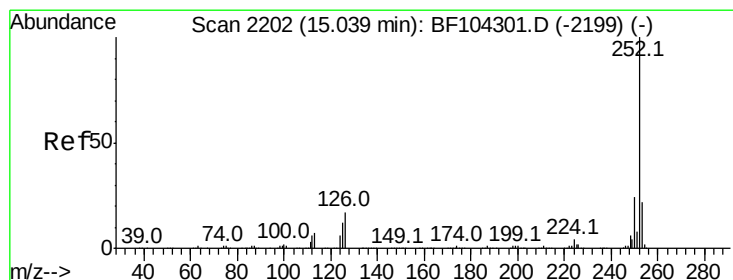
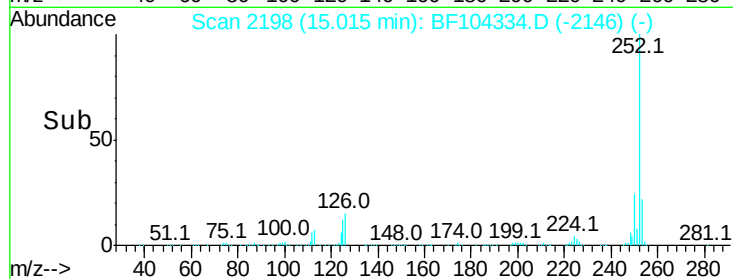
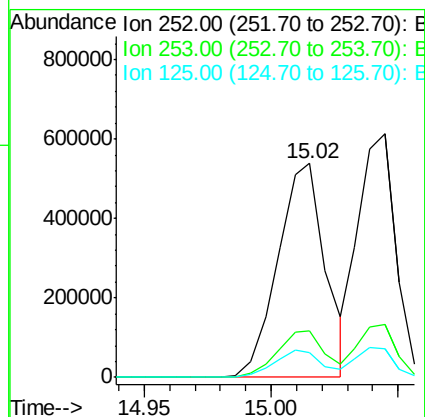
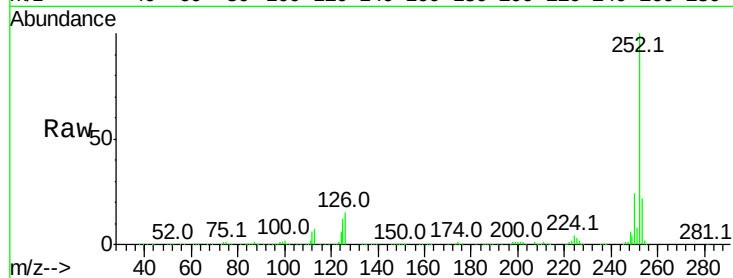




#87
Benzo(b)fluoranthene
Concen: 44.776 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF104334.D
Acq: 7 Apr 2018 4:08

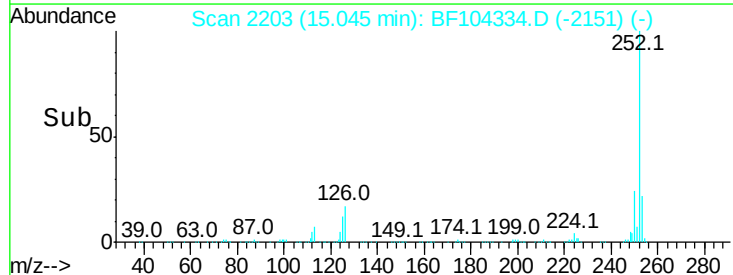
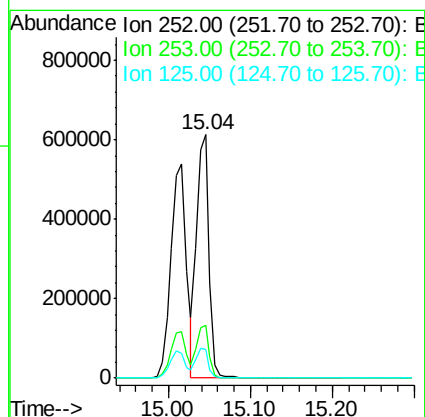
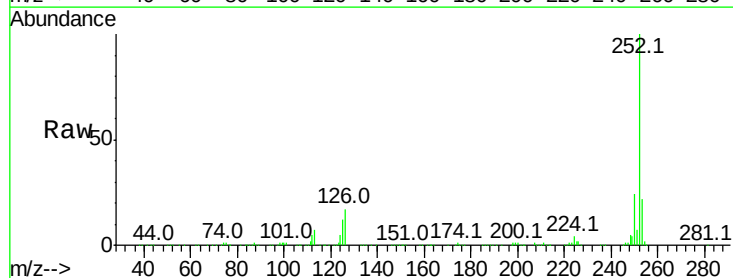
Instrument :
BNA_F
ClientSampleId :
PB108048BS

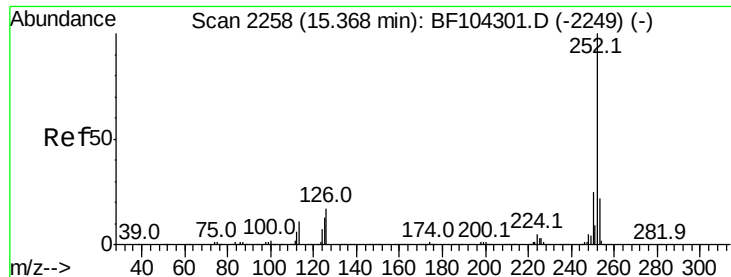
Tot Ion:252 Resp: 704207
Ion Ratio Lower Upper
252 100
253 21.6 17.0 25.6
125 11.6 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 43.524 ng
RT: 15.04 min Scan# 2203
Delta R.T. 0.01 min
Lab File: BF104334.D
Acq: 7 Apr 2018 4:08

Tgt Ion:252 Resp: 646245
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 11.5 10.2 15.2





#89

Benzo(a)pyrene

Concen: 44.984 ng

RT: 15.37 min Scan# 2259

Delta R.T. 0.01 min

Lab File: BF104334.D

Acq: 7 Apr 2018 4:08

Instrument :

BNA_F

ClientSampleId :

PB108048BS

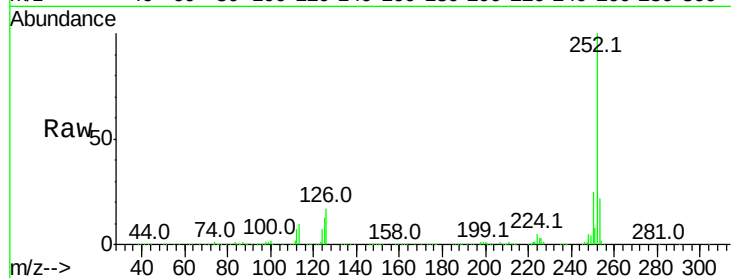
Tot Ion:252 Resp: 633027

Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

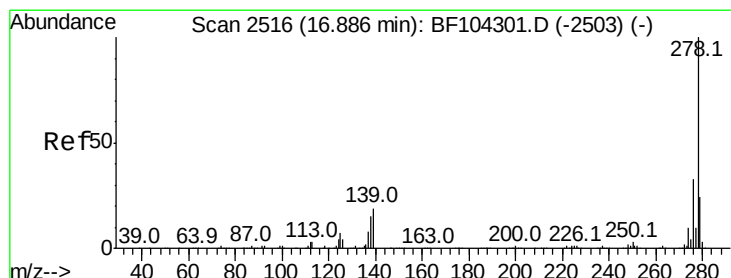
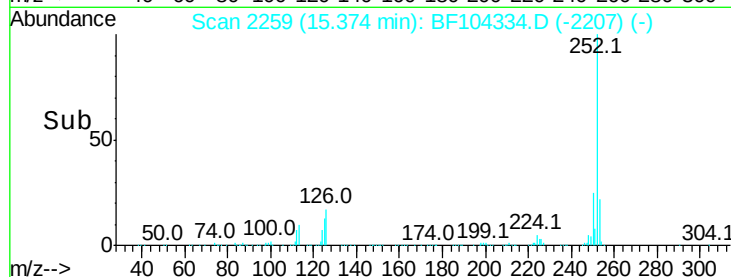
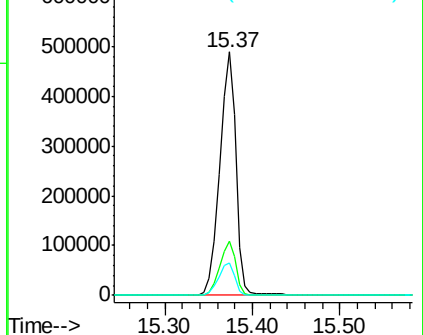
125 13.5 9.8 14.6



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: 42.362 ng

RT: 16.90 min Scan# 2518

Delta R.T. 0.01 min

Lab File: BF104334.D

Acq: 7 Apr 2018 4:08

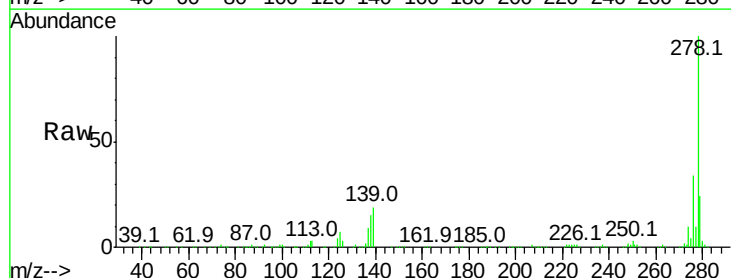
Tgt Ion:278 Resp: 489594

Ion Ratio Lower Upper

278 100

139 18.7 15.9 23.9

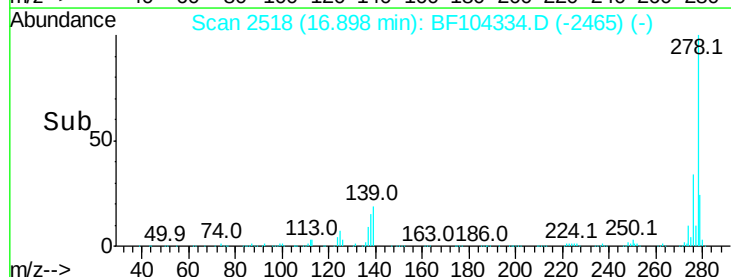
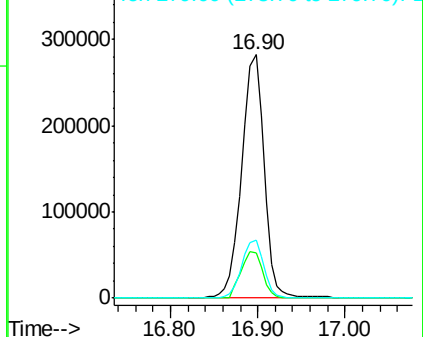
279 23.7 19.0 28.4

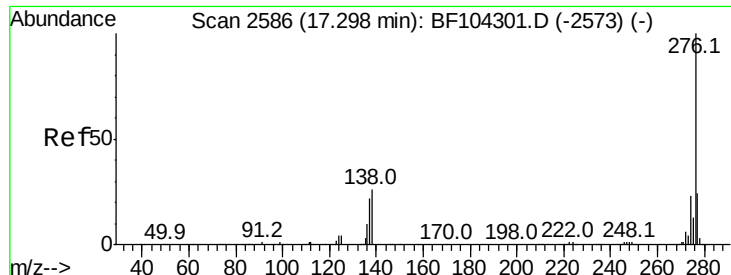


Abundance Ion 278.00 (277.70 to 278.70): E

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: 40.390 ng

RT: 17.32 min Scan# 2589

Delta R.T. 0.02 min

Lab File: BF104334.D

Acq: 7 Apr 2018 4:08

Instrument :

BNA_F

ClientSampleId :

PB108048BS

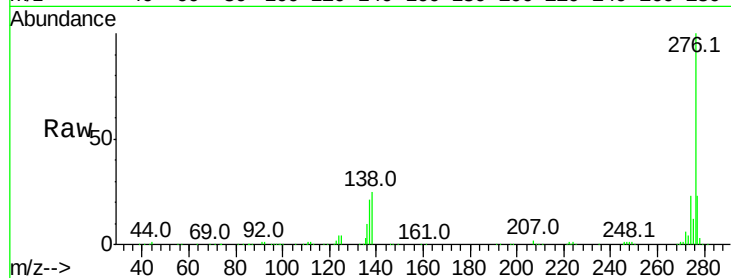
Tot Ion:276 Resp: 452257

Ion Ratio Lower Upper

276 100

277 23.1 17.9 26.9

138 24.6 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

