

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
 Data File : BF104309.D
 Acq On : 6 Apr 2018 16:36
 Operator : JU/SJ
 Sample : PB108001BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB108001BS

Quant Time: Apr 06 23:09:01 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	130452	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	544188	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	254767	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	461270	20.00	ng	0.00
75) Chrysene-d12	13.97	240	322341	20.00	ng	0.00
86) Perylene-d12	15.42	264	253802	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	1045325	122.52	ng	0.02
7) Phenol-d6	6.43	99	1289147	122.98	ng	0.00
23) Nitrobenzene-d5	7.37	82	779340	93.51	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	324241	122.69	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1406454	87.21	ng	0.00
78) Terphenyl-d14	12.92	244	1363183	96.41	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	151730	38.168	ng	90
3) Pyridine	3.33	79	434280	38.855	ng	88
4) n-Nitrosodimethylamine	3.29	42	177229	45.362	ng	84
6) Aniline	6.47	93	391437	26.878	ng	96
8) 2-Chlorophenol	6.59	128	395231	43.891	ng	98
9) Benzaldehyde	6.35	77	127994	20.398	ng	98
10) Phenol	6.45	94	485185	43.623	ng	99
11) bis(2-Chloroethyl)ether	6.55	93	367692	41.427	ng	96
12) 1,3-Dichlorobenzene	6.75	146	403369	39.541	ng	99
13) 1,4-Dichlorobenzene	6.82	146	413549	40.667	ng	99
14) 1,2-Dichlorobenzene	6.97	146	382355	40.574	ng	99
15) Benzyl Alcohol	6.95	79	341645	42.911	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.08	45	494651	41.499	ng	93
17) 2-Methylphenol	7.05	107	330484	42.221	ng	97
18) Hexachloroethane	7.32	117	152214	41.982	ng	96
19) n-Nitroso-di-n-propylamine	7.22	70	273322	39.902	ng	94
20) 3+4-Methylphenols	7.21	107	393943	40.580	ng	# 74
22) Acetophenone	7.22	105	530353	39.586	ng	97
24) Nitrobenzene	7.39	77	405472	44.067	ng	100
25) Isophorone	7.63	82	758886	43.062	ng	99
26) 2-Nitrophenol	7.70	139	195895	52.297	ng	94
27) 2,4-Dimethylphenol	7.74	122	373804	48.061	ng	99
28) bis(2-Chloroethoxy)methane	7.84	93	482287	44.760	ng	99
29) 2,4-Dichlorophenol	7.94	162	325176	43.818	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	328654	40.354	ng	99
31) Naphthalene	8.11	128	1109075	40.929	ng	99
32) Benzoic acid	7.86	122	230493	37.142	ng	99
33) 4-Chloroaniline	8.15	127	172126	14.827	ng	98
34) Hexachlorobutadiene	8.22	225	179259	40.184	ng	98
35) Caprolactam	8.53	113	66222	25.580	ng	89
36) 4-Chloro-3-methylphenol	8.63	107	351365	44.156	ng	98
37) 2-Methylnaphthalene	8.80	142	750965	42.844	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	294591	40.394	ng	98
40) Hexachlorocyclopentadiene	8.95	237	362005	88.665	ng	99

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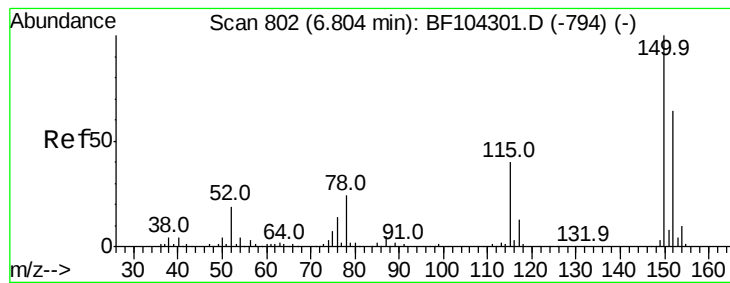
Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	9.07	196	227606	44.958	nq	100
43) 2,4,5-Trichlorophenol	9.11	196	226832	40.039	nq	98
45) 1,1'-Biphenyl	9.26	154	870916	40.693	nq	100
46) 2-Chloronaphthalene	9.29	162	685570	40.554	nq	98
47) 2-Nitroaniline	9.39	65	203414	48.657	nq	98
48) Acenaphthylene	9.70	152	1062729	40.068	nq	100
49) Dimethylphthalate	9.57	163	805263	40.082	nq	100
50) 2,6-Dinitrotoluene	9.63	165	179829	48.374	nq	97
51) Acenaphthene	9.87	154	685917	42.385	nq	100
52) 3-Nitroaniline	9.79	138	102610	23.577	nq	96
53) 2,4-Dinitrophenol	9.90	184	109990	74.146	nq	# 22
54) Dibenzofuran	10.05	168	958088	42.483	nq	99
55) 4-Nitrophenol	9.96	139	327722	95.862	nq	95
56) 2,4-Dinitrotoluene	10.03	165	238900	48.992	nq	94
57) Fluorene	10.39	166	696769	42.446	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.16	232	188745	44.657	nq	97
59) Diethylphthalate	10.27	149	811451	40.555	nq	99
60) 4-Chlorophenyl-phenylether	10.39	204	310840	42.519	nq	99
61) 4-Nitroaniline	10.42	138	185483	43.588	nq	97
62) Azobenzene	10.55	77	794008	41.536	nq	97
64) 4,6-Dinitro-2-methylphenol	10.43	198	84964	39.379	nq	94
65) n-Nitrosodiphenylamine	10.50	169	666339	41.663	nq	100
66) 4-Bromophenyl-phenylether	10.87	248	204237	41.626	nq	96
67) Hexachlorobenzene	10.93	284	226477	41.023	nq	96
68) Atrazine	11.03	200	217113	44.974	nq	100
69) Pentachlorophenol	11.13	266	246477	72.166	nq	96
70) Phenanthrene	11.36	178	1054282	41.042	nq	99
71) Anthracene	11.41	178	1085770	41.581	nq	100
72) Carbazole	11.56	167	1008030	39.506	nq	99
73) Di-n-butylphthalate	11.89	149	1246645	39.996	nq	99
74) Fluoranthene	12.54	202	1088753	40.566	nq	97
76) Benzidine	12.66	184	326407	26.965	nq	99
77) Pyrene	12.77	202	1090699	45.649	nq	99
79) Butylbenzylphthalate	13.39	149	515875	45.830	nq	94
80) Benzo(a)anthracene	13.96	228	810490	42.088	nq	99
81) 3,3'-Dichlorobenzidine	13.93	252	171439	23.877	nq	97
82) Chrysene	14.00	228	828037	41.863	nq	99
83) Bis(2-ethylhexyl)phthalate	13.96	149	637899	44.058	nq	100
84) Di-n-octyl phthalate	14.57	149	1056050	43.652	nq	97
85) Indeno(1,2,3-cd)pyrene	16.86	276	761164	45.300	nq	98
87) Benzo(b)fluoranthene	15.03	252	626106	39.059	nq	97
88) Benzo(k)fluoranthene	15.03	252	626106	41.372	nq	99
89) Benzo(a)pyrene	15.36	252	624777	43.561	nq	97
90) Dibenzo(a,h)anthracene	16.89	278	619257	52.570	nq	99
91) Benzo(g,h,i)perylene	17.30	276	653509	57.263	nq	96

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

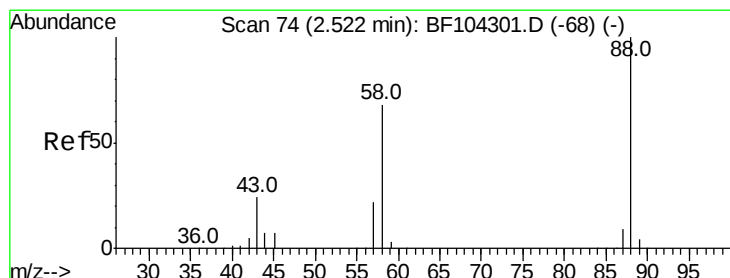
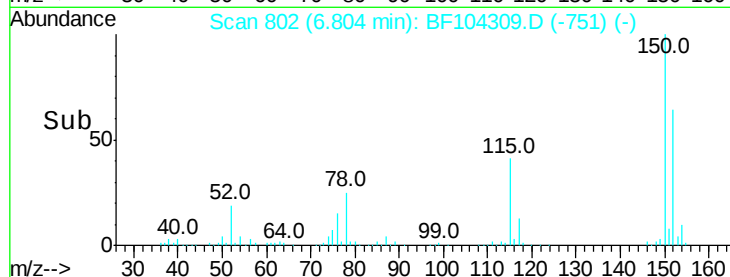
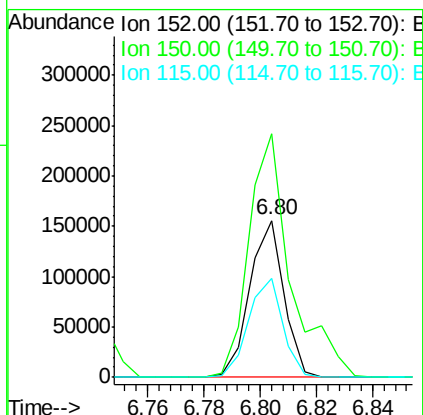
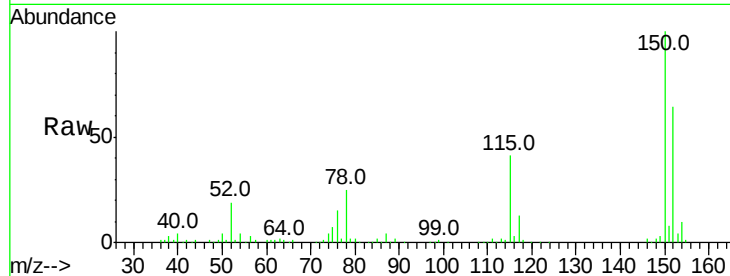


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF104309.D
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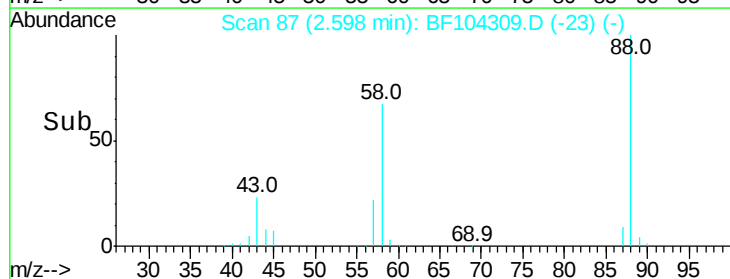
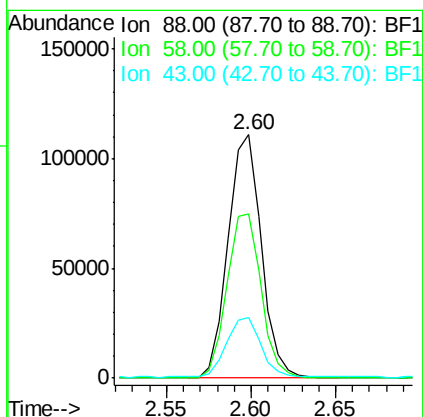
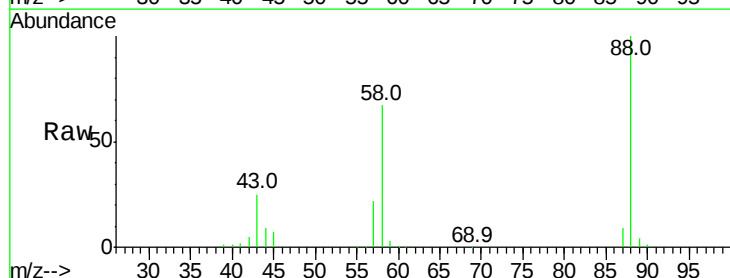
Tot Ion:152 Resp: 130452
 Ion Ratio Lower Upper
 152 100
 150 155.2 124.6 186.8
 115 63.3 50.1 75.1

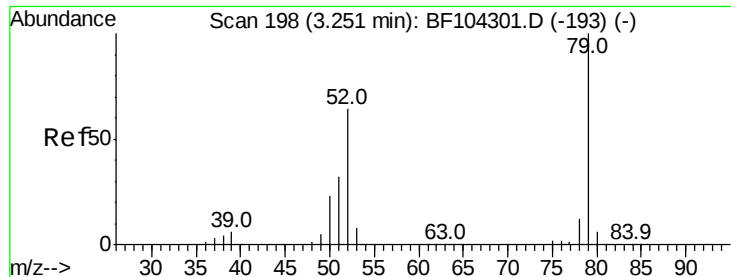


#2

1,4-Dioxane
 Concen: 38.168 ng
 RT: 2.60 min Scan# 87
 Delta R.T. 0.08 min
 Lab File: BF104309.D
 Acq: 6 Apr 2018 16:36

Tgt Ion: 88 Resp: 151730
 Ion Ratio Lower Upper
 88 100
 58 69.3 62.6 93.8
 43 25.2 24.6 37.0

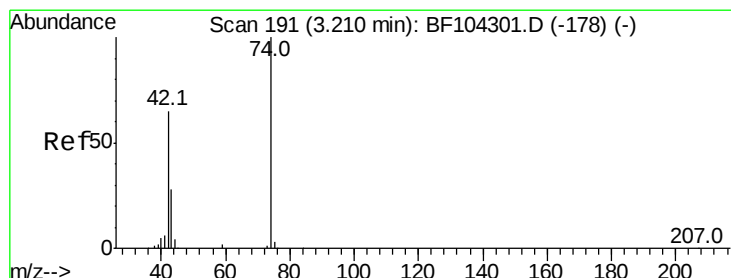
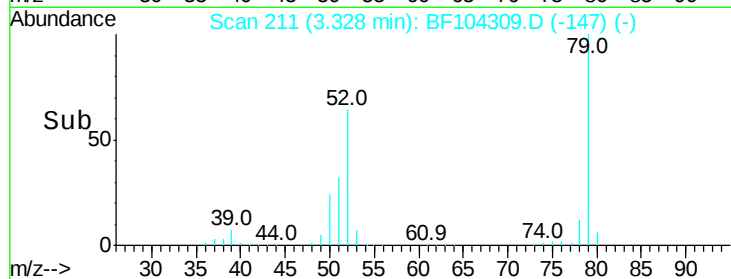
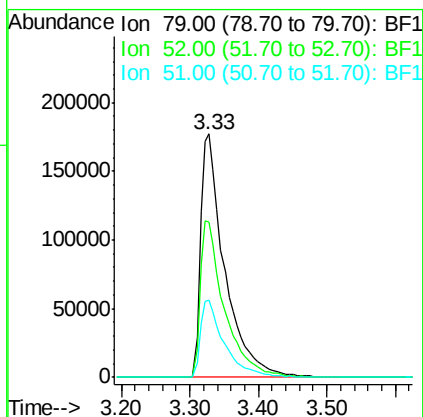
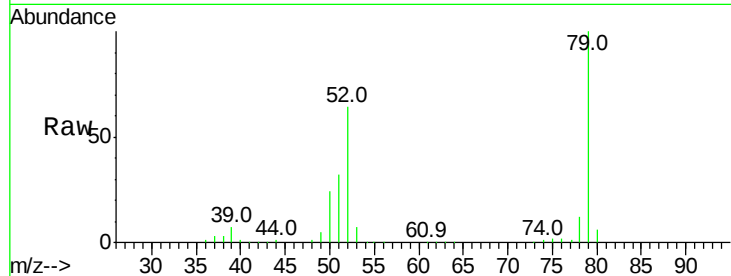




#3
 Pvridine
 Concen: 38.855 ng
 RT: 3.33 min Scan# 211
 Delta R.T. 0.08 min
 Lab File: BF104309.D
 Acq: 6 Apr 2018 16:36

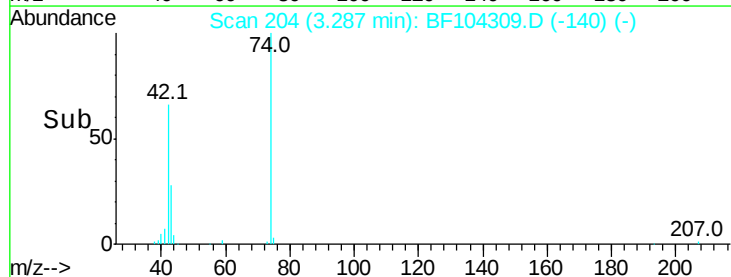
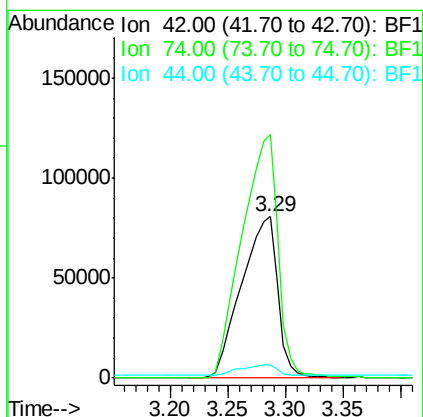
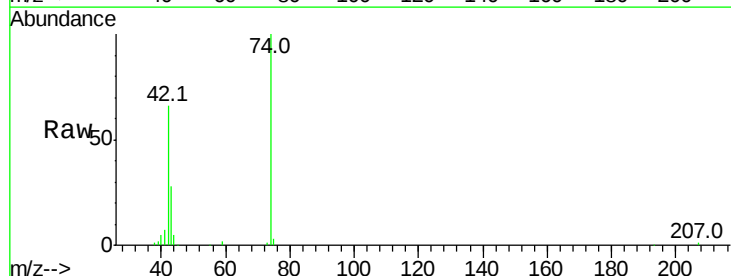
Instrument :
 BNA_F
 ClientSampleId :
 PB108001BS

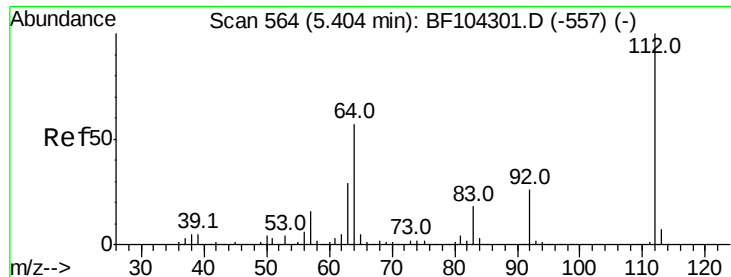
Tot Ion: 79 Resp: 434280
 Ion Ratio Lower Upper
 79 100
 52 63.6 59.8 89.6
 51 31.6 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 45.362 ng
 RT: 3.29 min Scan# 204
 Delta R.T. 0.08 min
 Lab File: BF104309.D
 Acq: 6 Apr 2018 16:36

Tgt Ion: 42 Resp: 177229
 Ion Ratio Lower Upper
 42 100
 74 150.8 104.9 157.3
 44 7.9 6.9 10.3





#5

2-Fluorophenol

Concen: 122.525 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.02 min

Lab File: BF104309.D

Acq: 6 Apr 2018 16:36

Instrument :

BNA_F

ClientSampleId :

PB108001BS

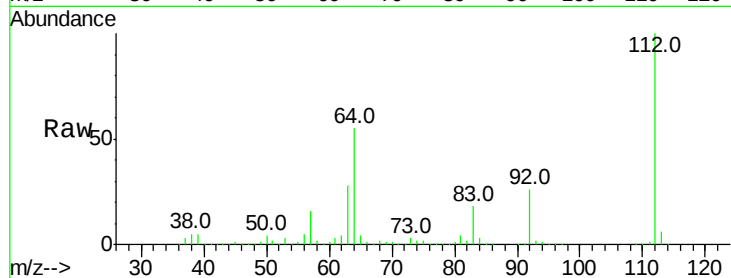
Tot Ion:112 Resp: 1045325

Ion Ratio Lower Upper

112 100

64 55.0 47.9 71.9

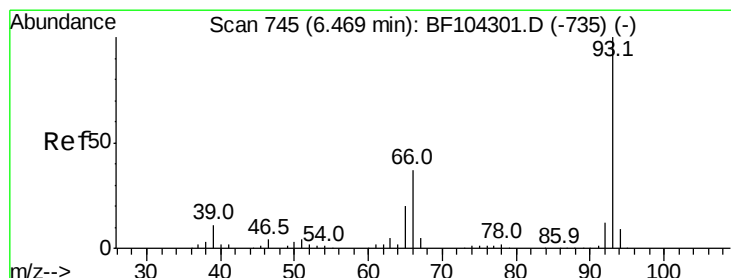
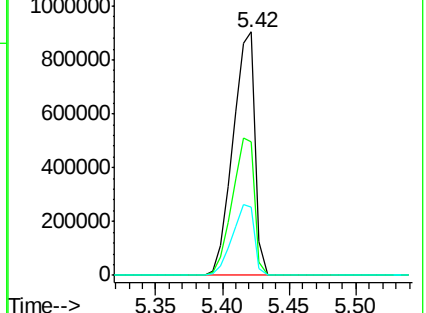
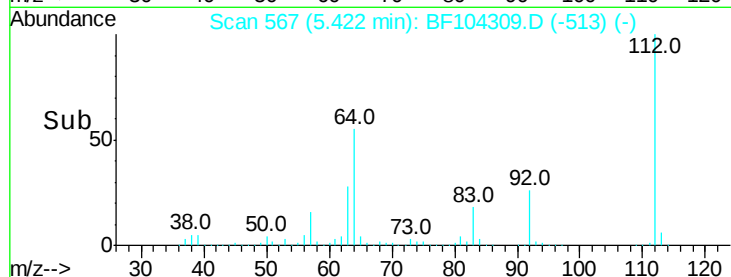
63 28.2 23.7 35.5



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: 26.878 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF104309.D

Acq: 6 Apr 2018 16:36

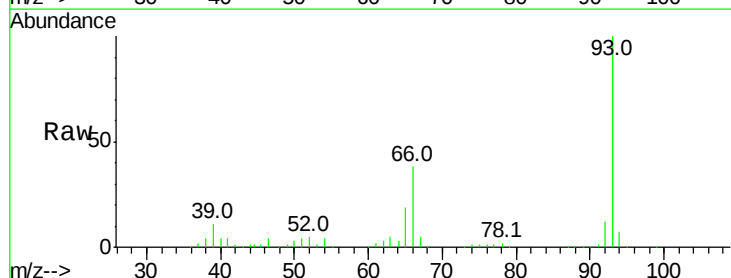
Tgt Ion: 93 Resp: 391437

Ion Ratio Lower Upper

93 100

66 37.8 32.2 48.2

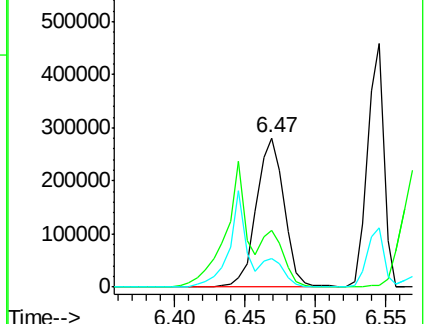
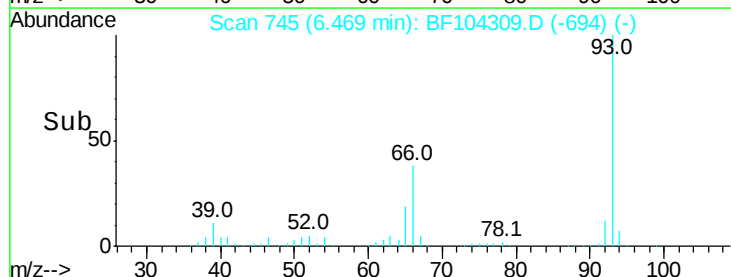
65 18.9 16.4 24.6



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: 122.981 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF104309.D

Acq: 6 Apr 2018 16:36

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PB108001BS

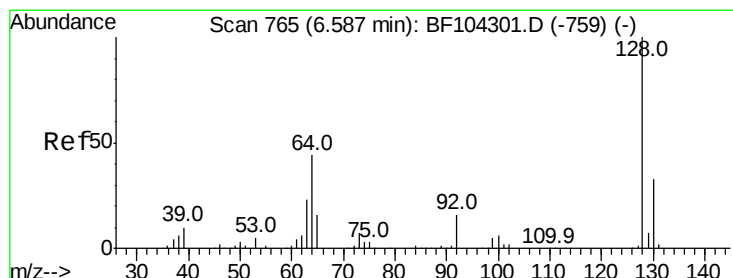
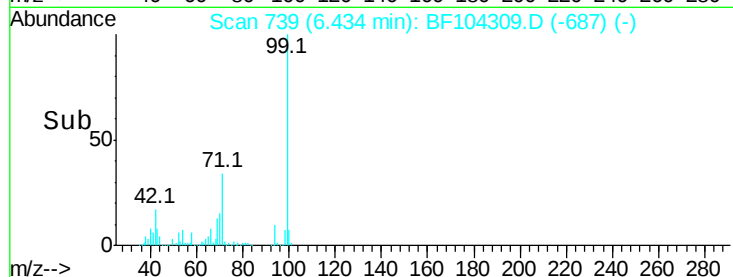
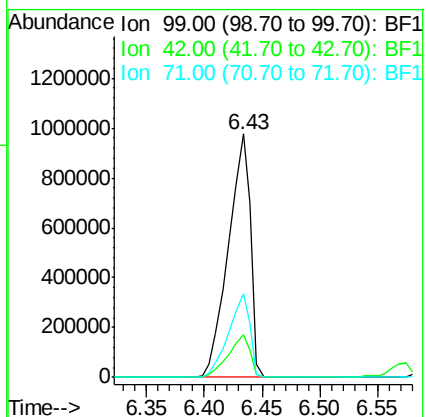
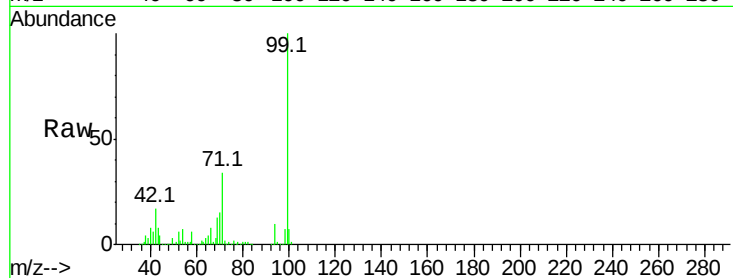
Tot Ion: 99 Resp: 1289147

Ion Ratio Lower Upper

99 100

42 17.3 14.5 21.7

71 34.3 25.4 38.0



#8

2-Chlorophenol

Concen: 43.891 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF104309.D

Acq: 6 Apr 2018 16:36

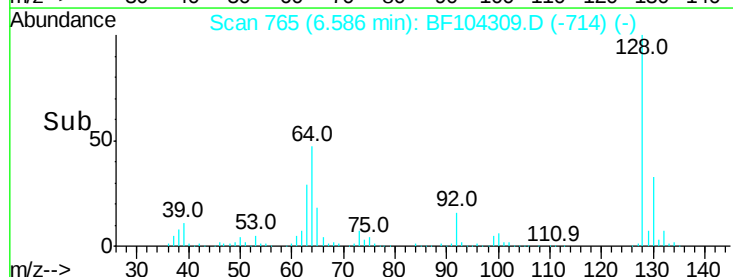
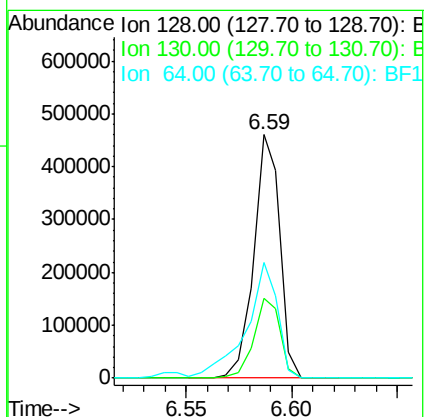
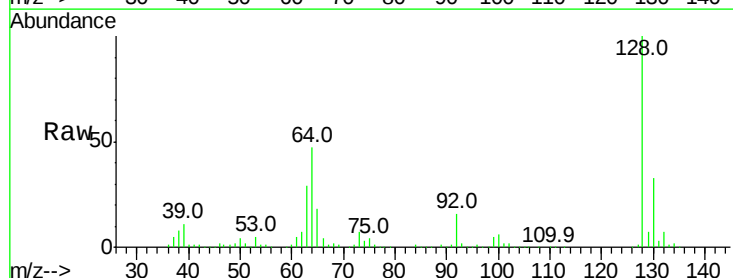
Tgt Ion:128 Resp: 395231

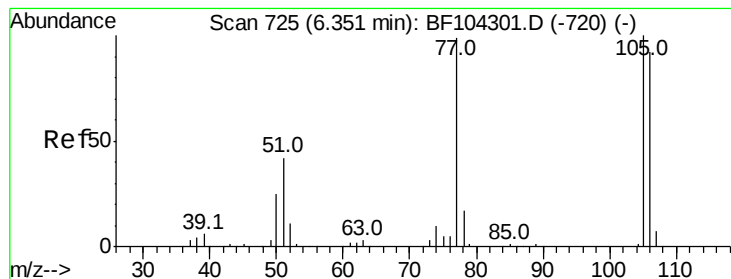
Ion Ratio Lower Upper

128 100

130 32.6 13.0 53.0

64 47.5 29.4 69.4





#9

Benzaldehyde

Concen: 20.398 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.00 min

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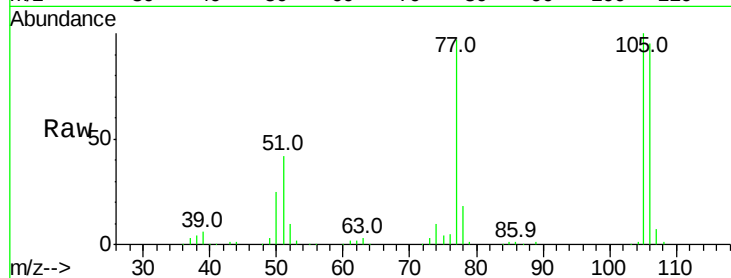
Tot Ion: 77 Resp: 127994

Ion Ratio Lower Upper

77 100

105 102.7 81.1 121.1

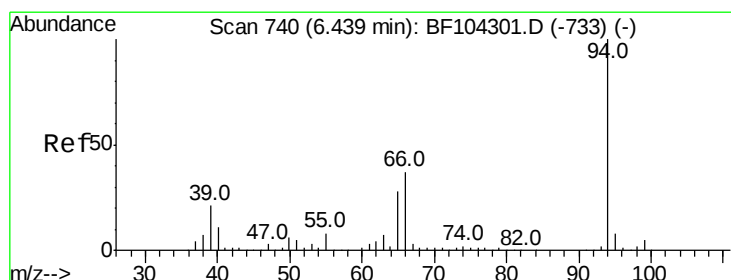
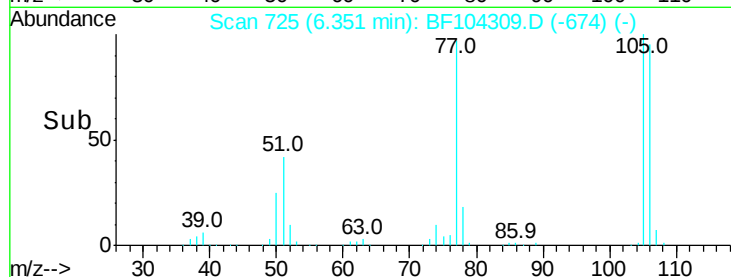
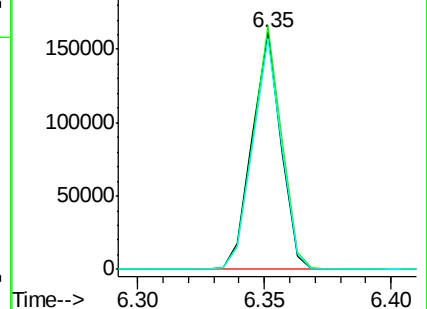
106 97.5 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 43.623 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF104309.D

Acq: 6 Apr 2018 16:36

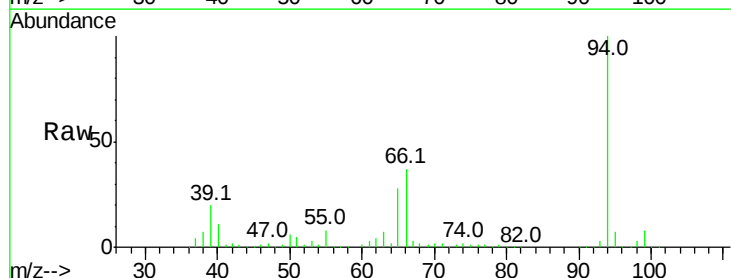
Tgt Ion: 94 Resp: 485185

Ion Ratio Lower Upper

94 100

65 28.1 7.9 47.9

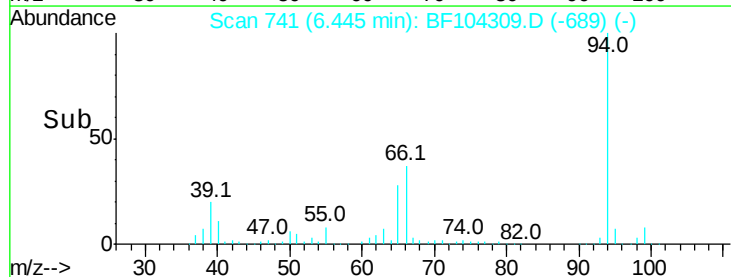
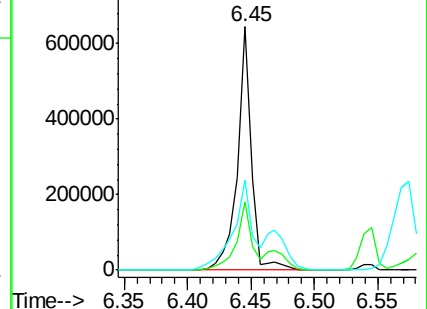
66 36.8 16.2 56.2

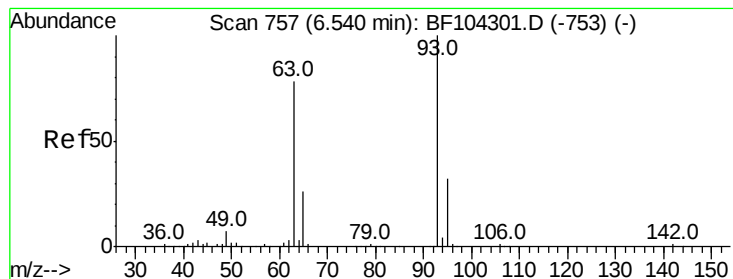


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 41.427 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.01 min

Lab File: BF104309.D

Acq: 6 Apr 2018 16:36

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PB108001BS

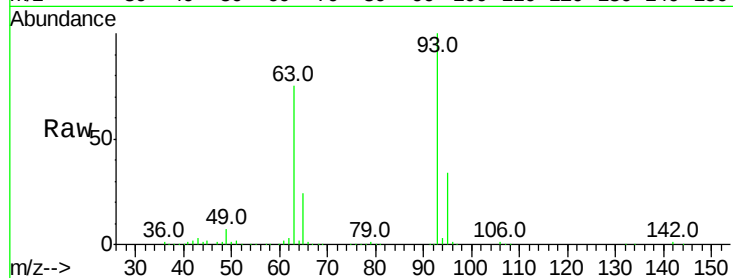
Tot Ion: 93 Resp: 367692

Ion Ratio Lower Upper

93 100

63 75.3 58.6 98.6

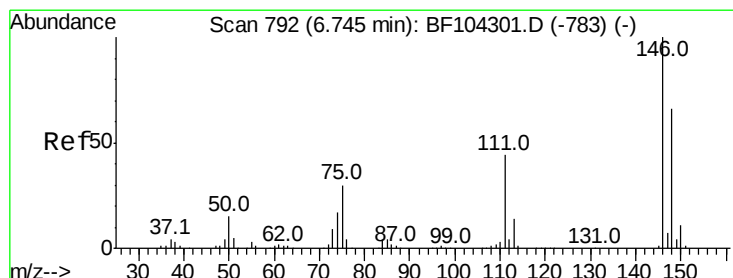
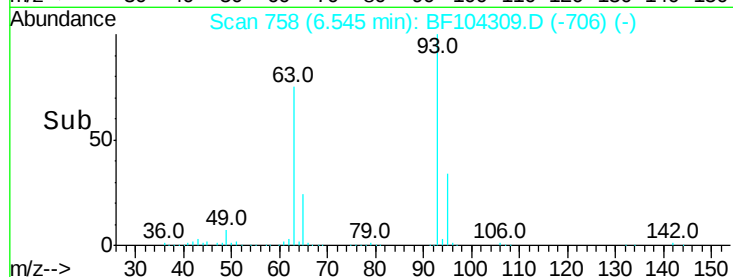
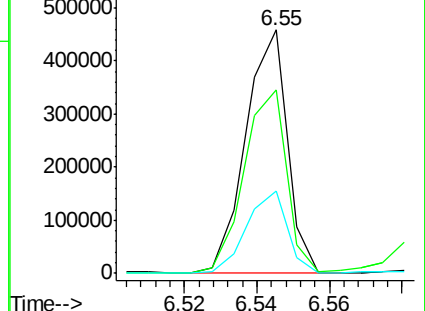
95 34.1 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 39.541 ng

RT: 6.75 min Scan# 792

Delta R.T. -0.00 min

Lab File: BF104309.D

Acq: 6 Apr 2018 16:36

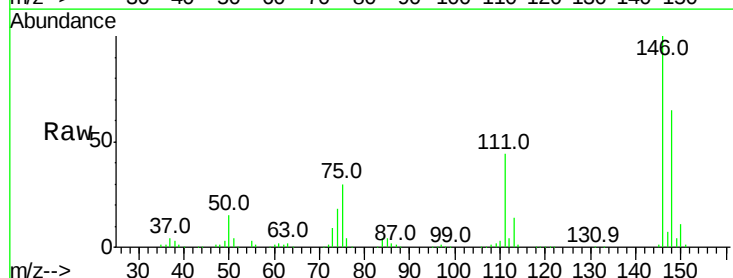
Tgt Ion: 146 Resp: 403369

Ion Ratio Lower Upper

146 100

148 65.5 51.8 77.8

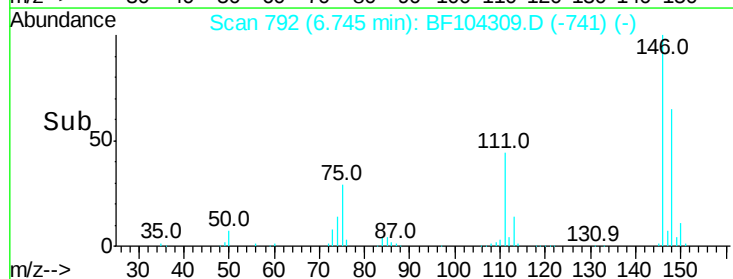
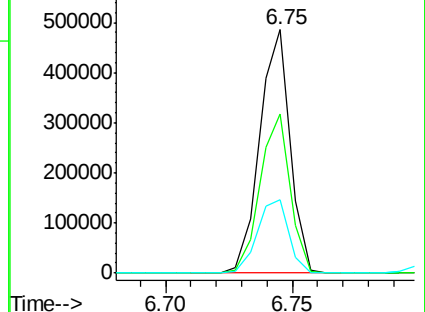
75 30.1 24.2 36.4

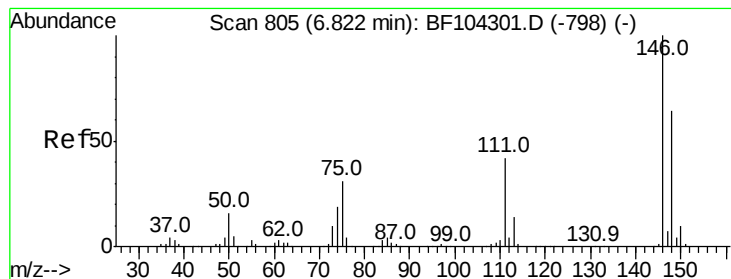


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 40.667 ng

RT: 6.82 min Scan# 805

Delta R.T. -0.00 min

Lab File: BF104309.D

Acq: 6 Apr 2018 16:36

Instrument :

BNA_F

ClientSampleId :

PB108001BS

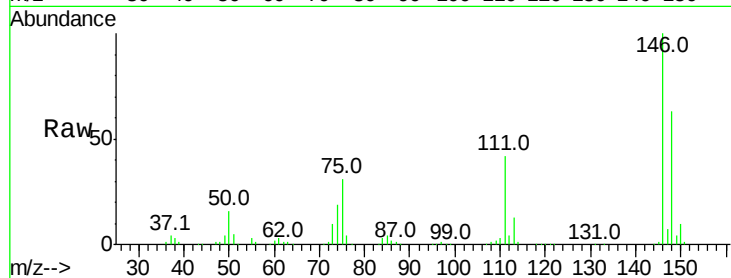
Tot Ion:146 Resp: 413549

Ion Ratio Lower Upper

146 100

148 62.5 50.8 76.2

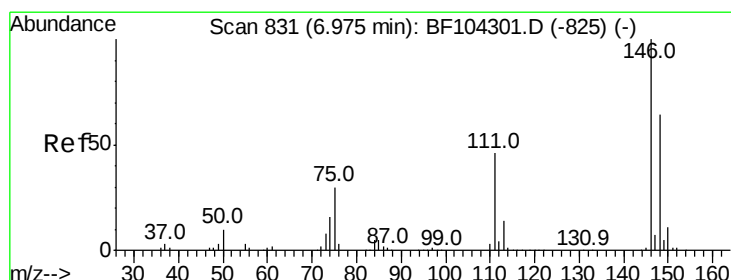
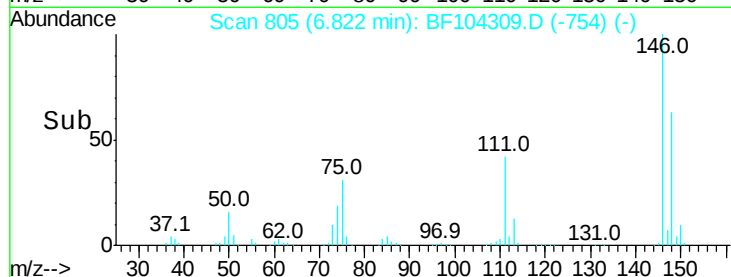
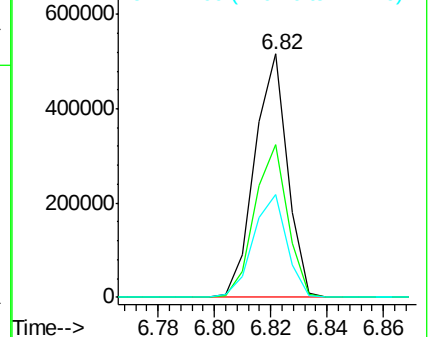
111 42.5 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.574 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.00 min

Lab File: BF104309.D

Acq: 6 Apr 2018 16:36

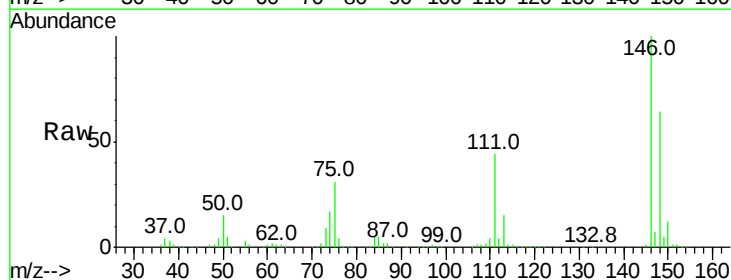
Tgt Ion:146 Resp: 382355

Ion Ratio Lower Upper

146 100

148 64.0 50.6 75.8

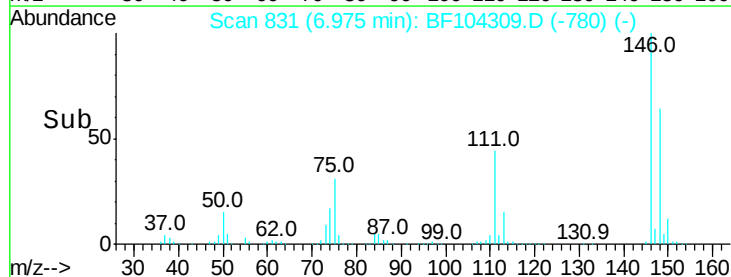
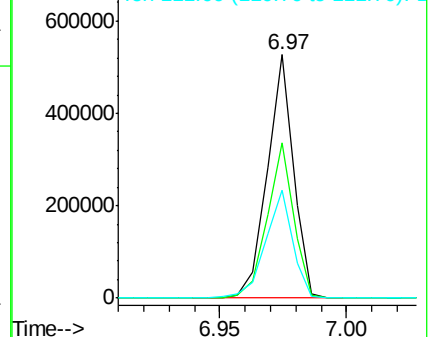
111 44.3 36.0 54.0

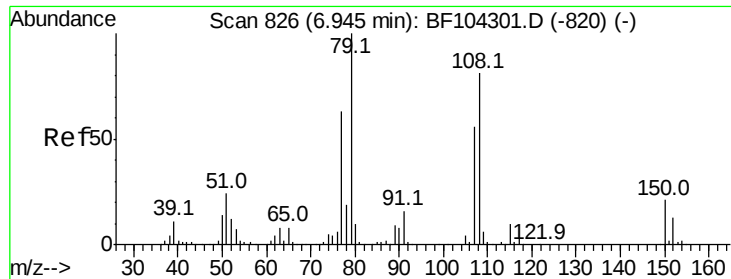


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

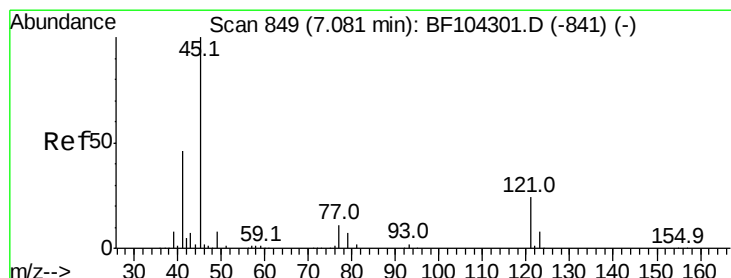
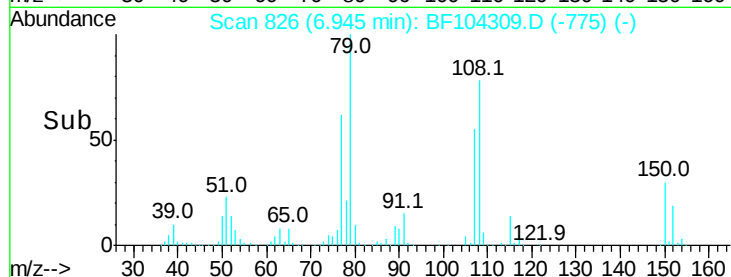
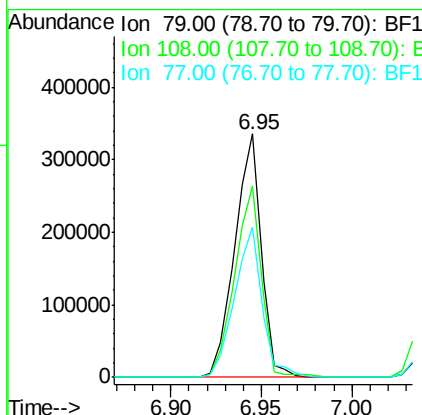
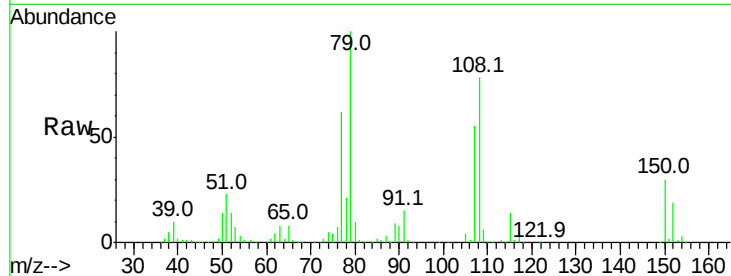




#15
Benzyl Alcohol
Concen: 42.911 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF104309.D
Acq: 6 Apr 2018 16:36

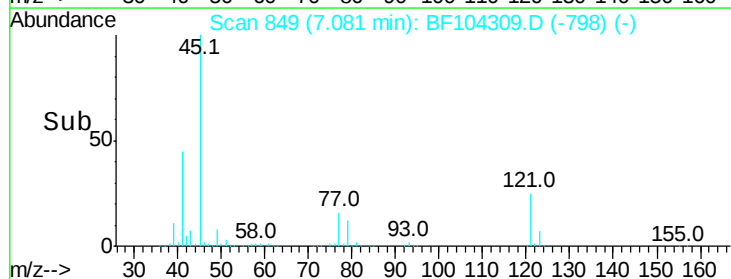
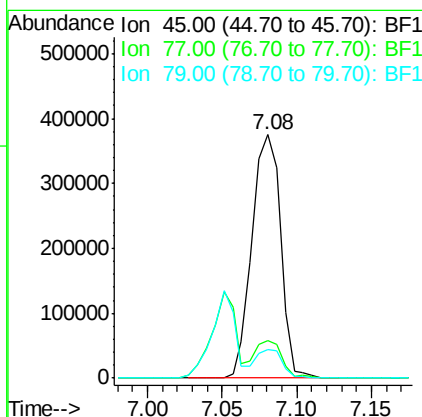
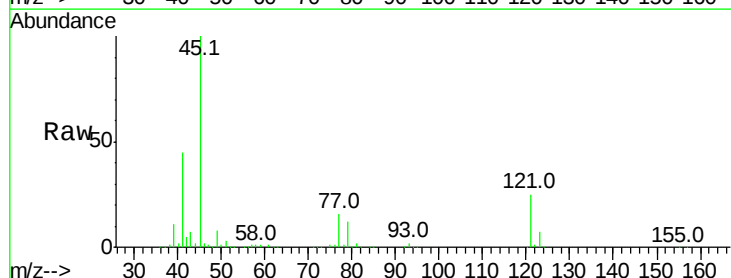
Instrument :
BNA_F
ClientSampleId :
PB108001BS

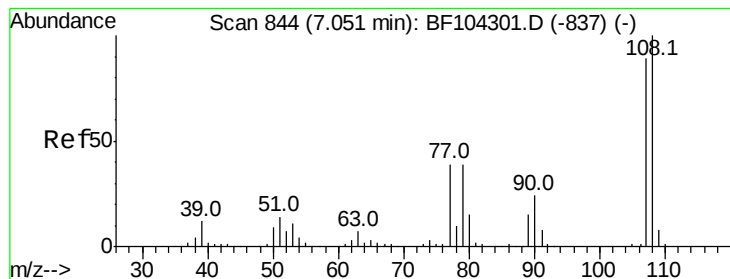
Tot Ion: 79 Resp: 341645
Ion Ratio Lower Upper
79 100
108 78.4 65.1 97.7
77 61.7 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.499 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BF104309.D
Acq: 6 Apr 2018 16:36

Tgt Ion: 45 Resp: 494651
Ion Ratio Lower Upper
45 100
77 15.6 0.0 32.9
79 11.9 0.0 29.6





#17

2-Methylphenol

Concen: 42.221 ng

RT: 7.05 min Scan# 844

Delta R.T. -0.00 min

Lab File: BF104309.D

Acq: 6 Apr 2018 16:36

Instrument :

BNA_F

ClientSampleId :

PB108001BS

Tot Ion:107 Resp: 330484

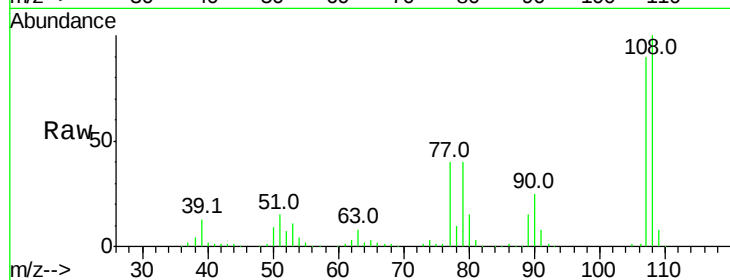
Ion Ratio Lower Upper

107 100

108 111.1 91.7 137.5

77 43.9 33.8 50.8

79 44.5 33.8 50.8

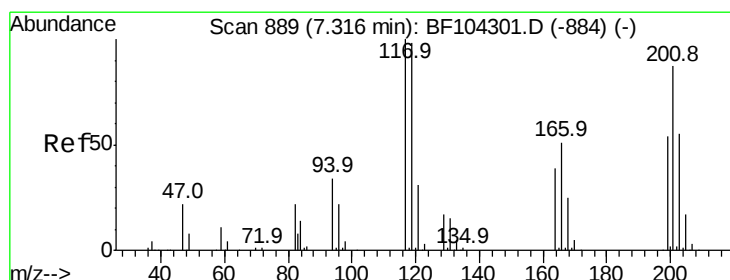
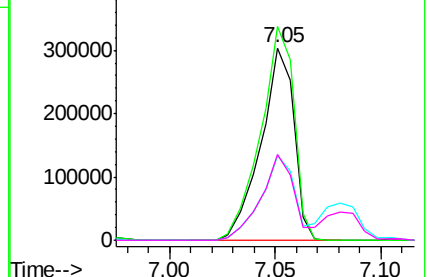
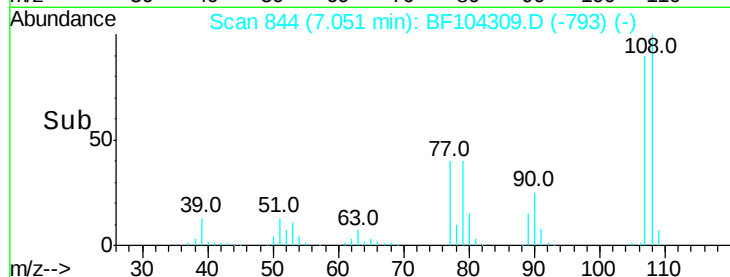


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.982 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.00 min

Lab File: BF104309.D

Acq: 6 Apr 2018 16:36

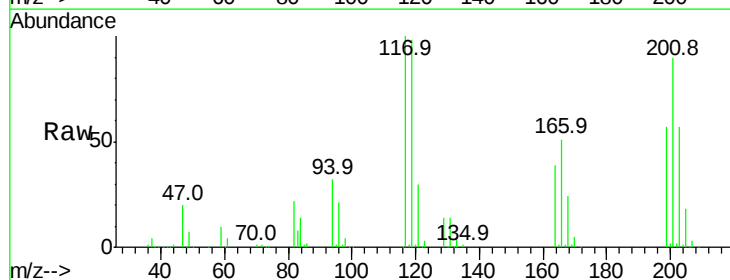
Tgt Ion:117 Resp: 152214

Ion Ratio Lower Upper

117 100

119 97.8 75.8 113.8

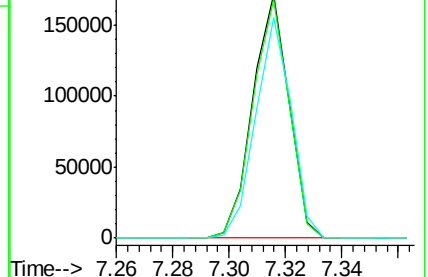
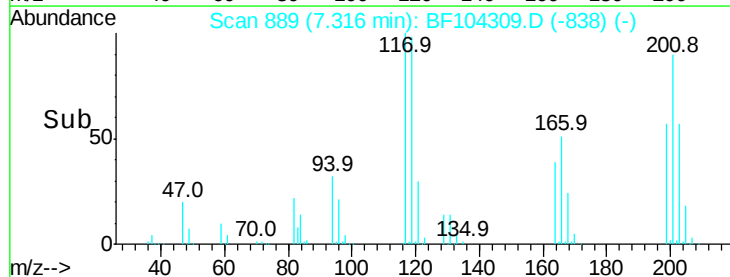
201 90.4 75.7 113.5

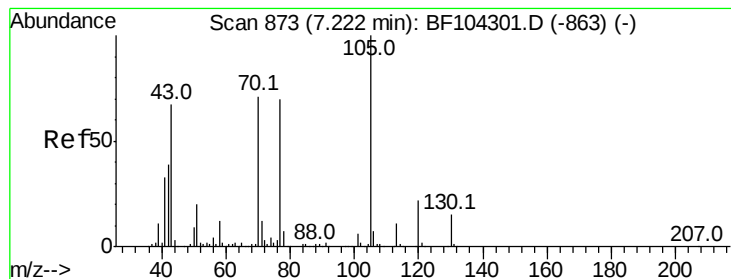


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 39.902 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.00 min

Lab File: BF104309.D

Acq: 6 Apr 2018 16:36

Instrument :

BNA_F

ClientSampleId :

PB108001BS

Tot Ion: 70 Resp: 273322

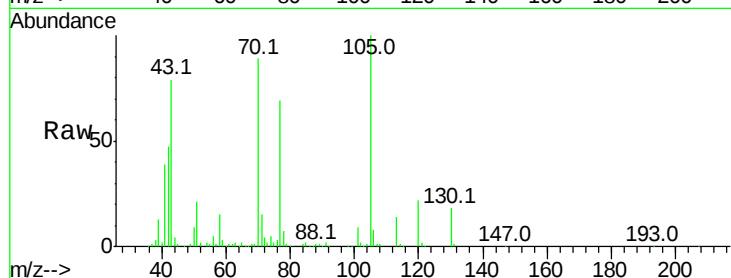
Ion Ratio Lower Upper

70 100

42 53.1 47.5 71.3

101 9.6 7.4 11.2

130 20.8 16.6 25.0

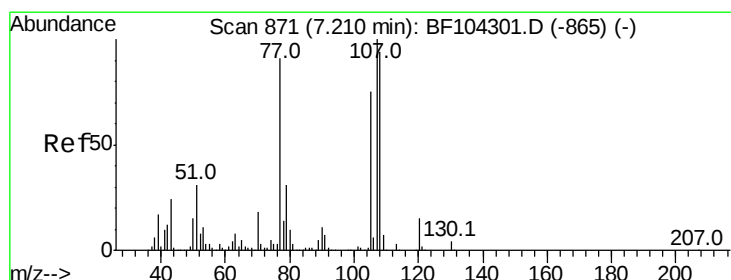
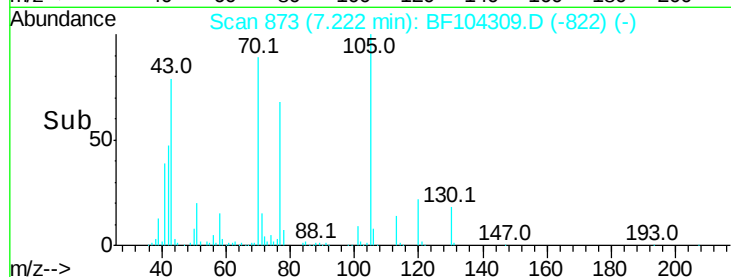
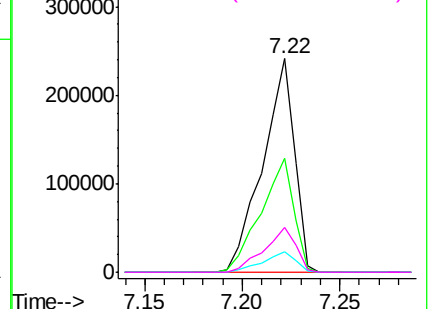


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 40.580 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.00 min

Lab File: BF104309.D

Acq: 6 Apr 2018 16:36

Tgt Ion: 107 Resp: 393943

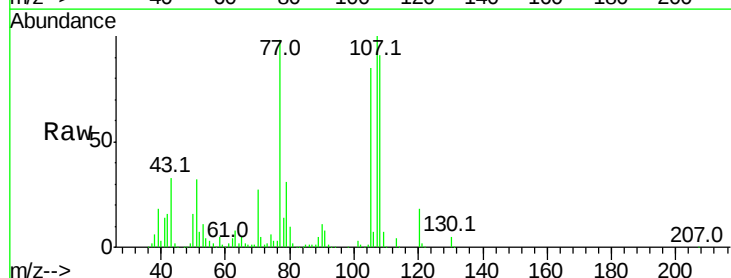
Ion Ratio Lower Upper

107 100

108 91.4 68.2 108.2

77 98.0 26.7 66.7#

79 31.0 6.3 46.3

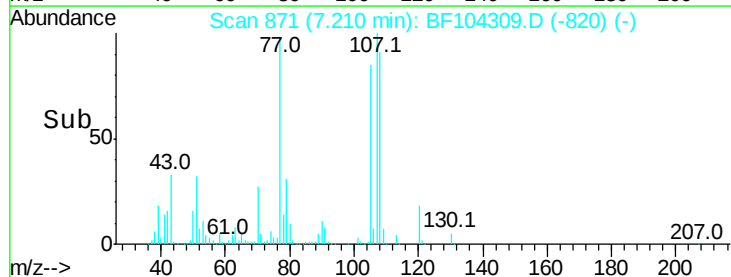
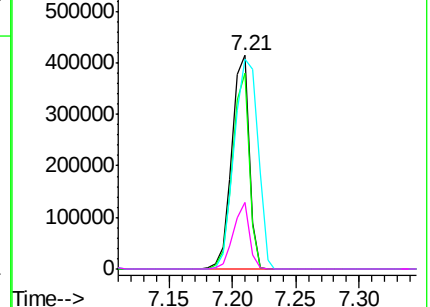


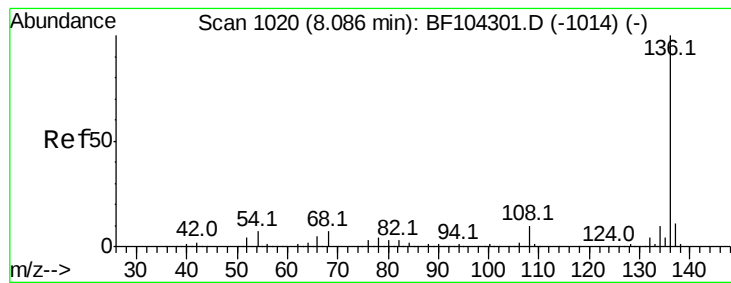
Abundance Ion 107.00 (106.70 to 107.70): BF1

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# 1020

Delta R.T. -0.00 min

Lab File: BF104309.D

Acq: 6 Apr 2018 16:36

Instrument :

BNA_F

ClientSampleId :

PB108001BS

Tot Ion:136 Resp: 544188

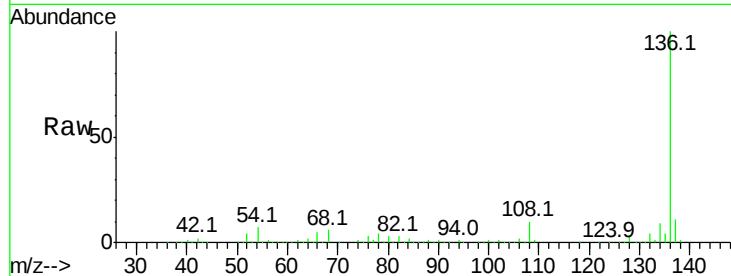
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.1 6.6 9.8

68 6.1 5.0 7.4

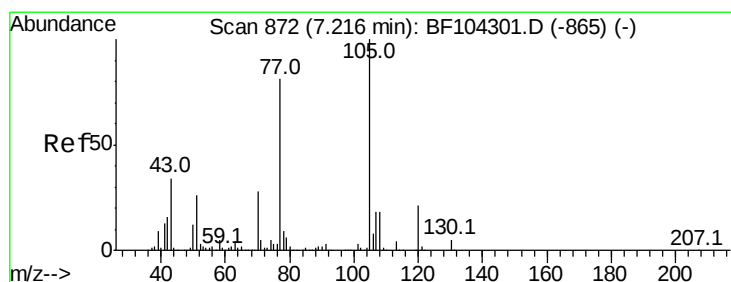
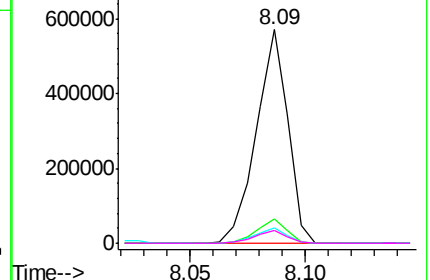
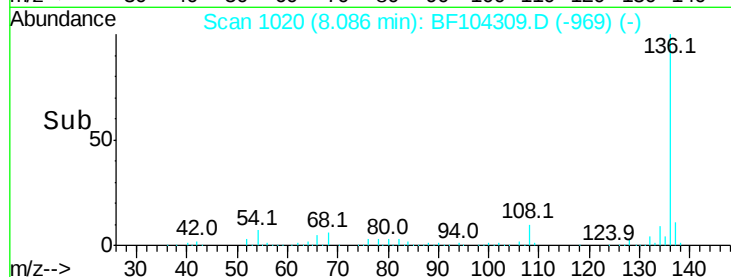


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 39.586 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.00 min

Lab File: BF104309.D

Acq: 6 Apr 2018 16:36

Tgt Ion:105 Resp: 530353

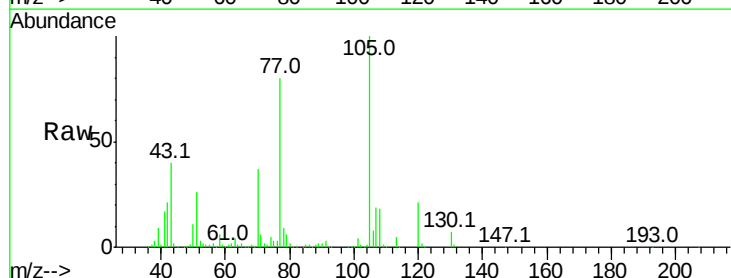
Ion Ratio Lower Upper

105 100

71 6.3 4.4 6.6

51 25.5 22.3 33.5

120 20.5 16.9 25.3

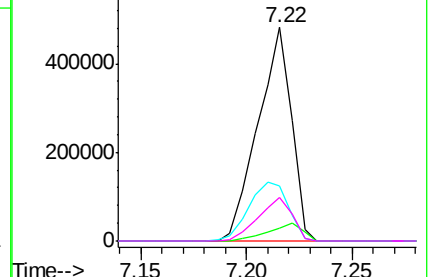
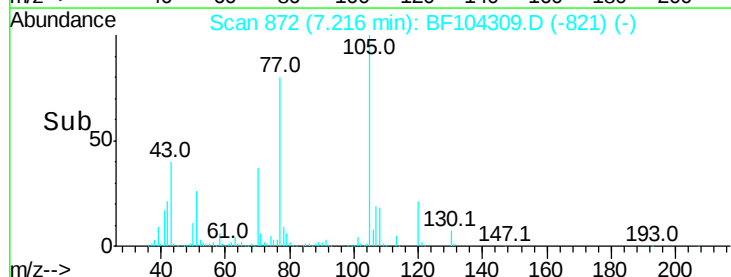


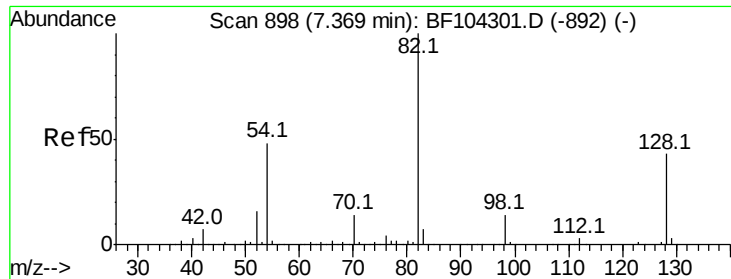
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

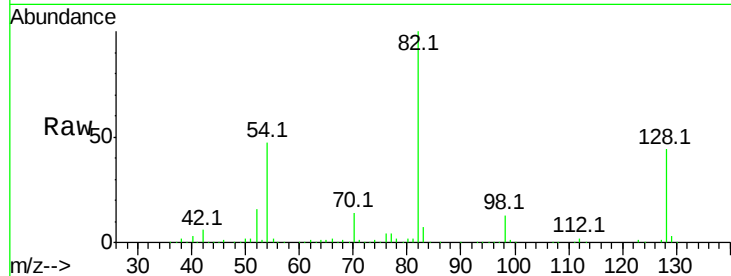




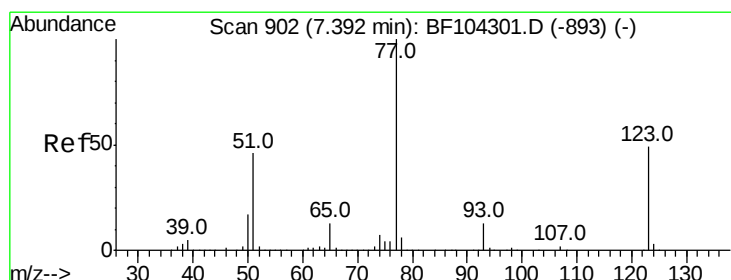
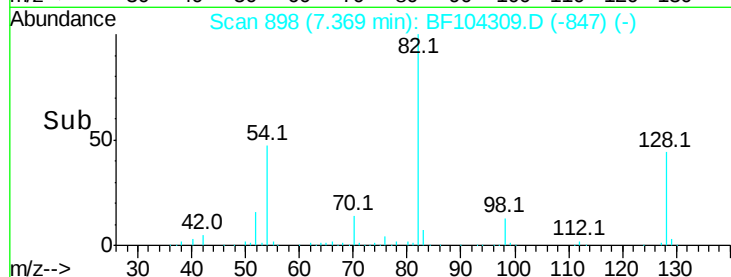
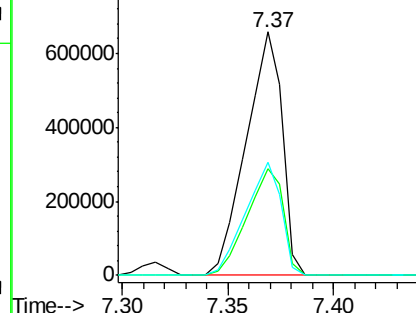
#23
Nitrobenzene-d5
Concen: 93.514 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF104309.D
Acq: 6 Apr 2018 16:36

Instrument :
BNA_F
ClientSampleId :
PB108001BS

Tot Ion: 82 Resp: 779340
Ion Ratio Lower Upper
82 100
128 43.9 36.1 54.1
54 46.5 41.4 62.2

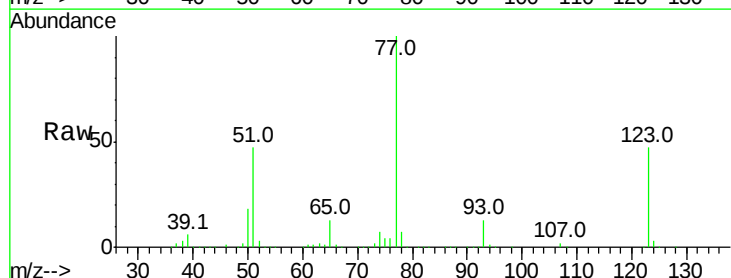


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

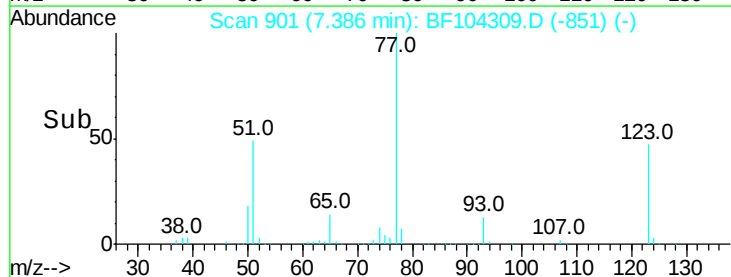
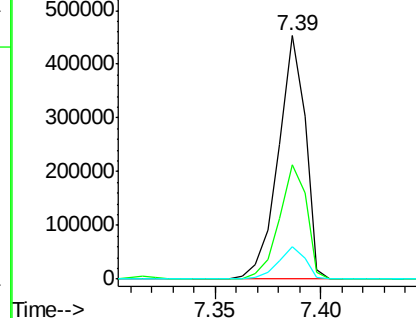


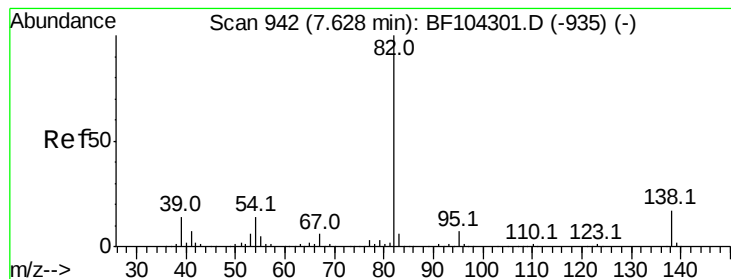
#24
Nitrobenzene
Concen: 44.067 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF104309.D
Acq: 6 Apr 2018 16:36

Tgt Ion: 77 Resp: 405472
Ion Ratio Lower Upper
77 100
123 47.2 37.9 56.9
65 13.4 11.0 16.4



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





#25

Isophorone

Concen: 43.062 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF104309.D

Acq: 6 Apr 2018 16:36

Instrument :

BNA_F

ClientSampleId :

PB108001BS

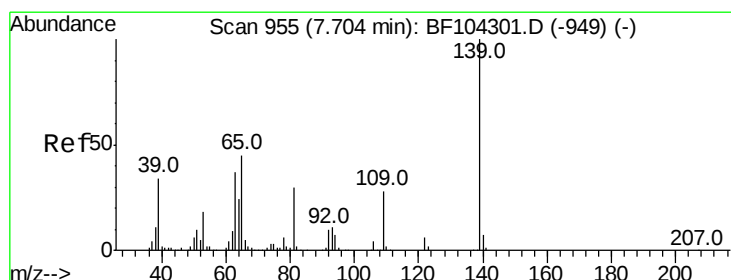
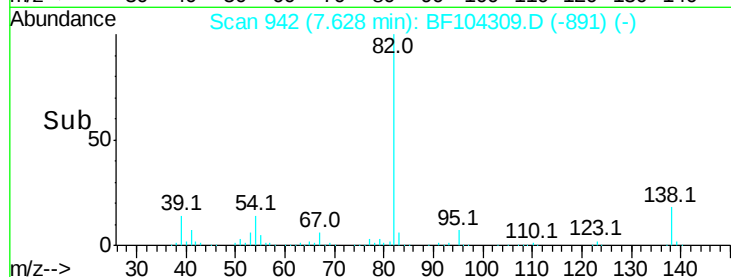
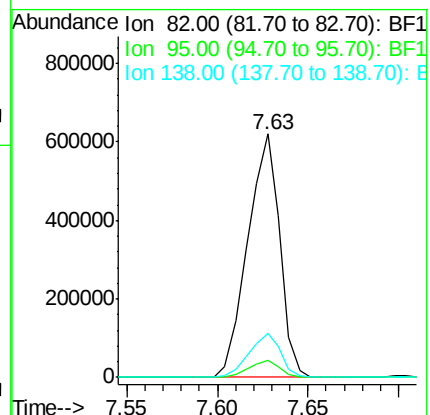
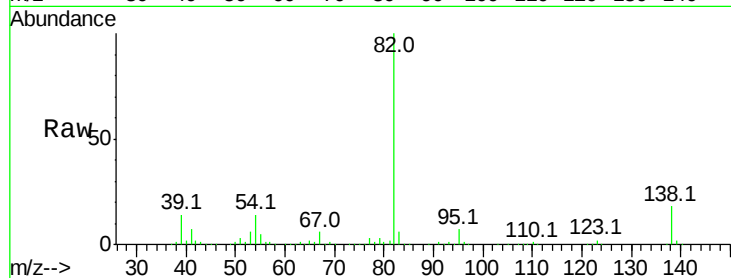
Tot Ion: 82 Resp: 758886

Ion Ratio Lower Upper

82 100

95 7.1 5.2 7.8

138 18.0 14.9 22.3



#26

2-Nitrophenol

Concen: 52.297 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF104309.D

Acq: 6 Apr 2018 16:36

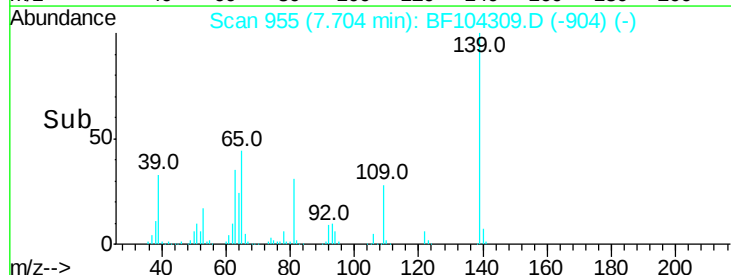
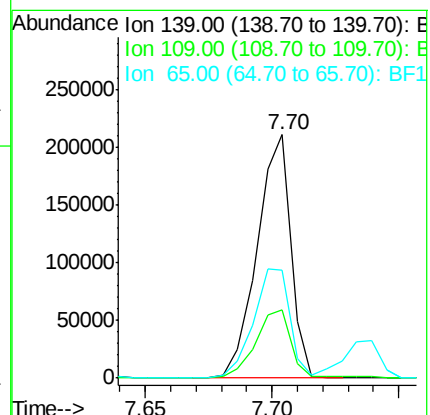
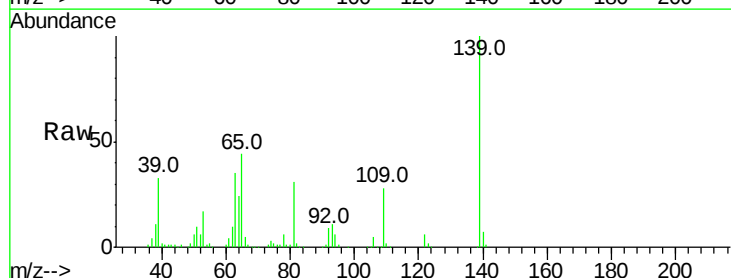
Tgt Ion: 139 Resp: 195895

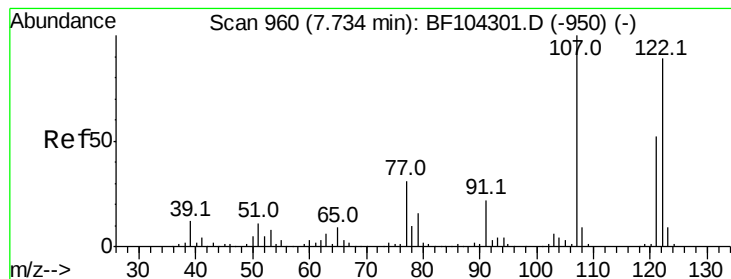
Ion Ratio Lower Upper

139 100

109 28.1 22.7 34.1

65 44.3 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 48.061 ng

RT: 7.74 min Scan# 961

Delta R.T. 0.01 min

Lab File: BF104309.D

Acq: 6 Apr 2018 16:36

Instrument :

BNA_F

ClientSampleId :

PB108001BS

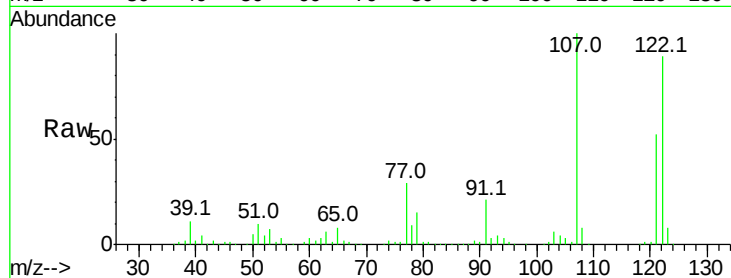
Tot Ion:122 Resp: 373804

Ion Ratio Lower Upper

122 100

107 112.9 91.2 136.8

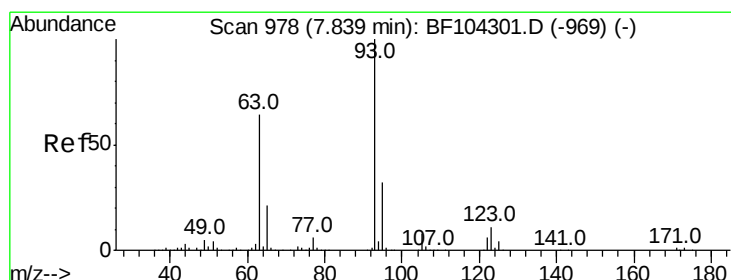
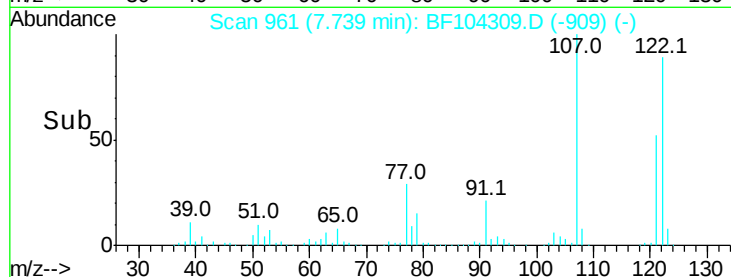
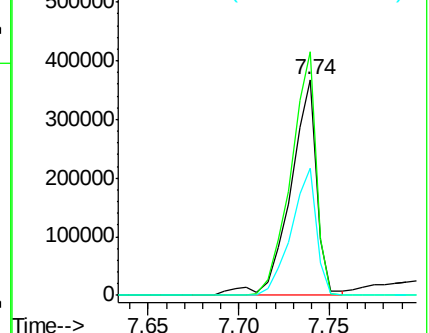
121 59.0 47.2 70.8



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: 44.760 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.00 min

Lab File: BF104309.D

Acq: 6 Apr 2018 16:36

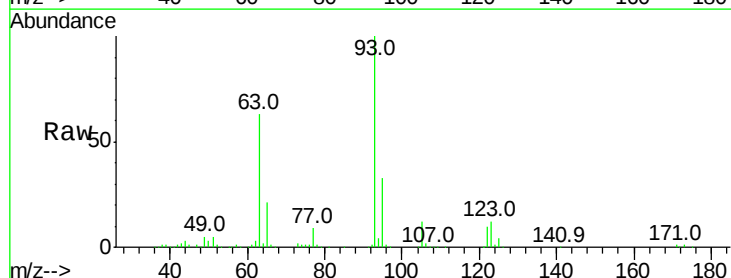
Tgt Ion: 93 Resp: 482287

Ion Ratio Lower Upper

93 100

95 33.2 26.3 39.5

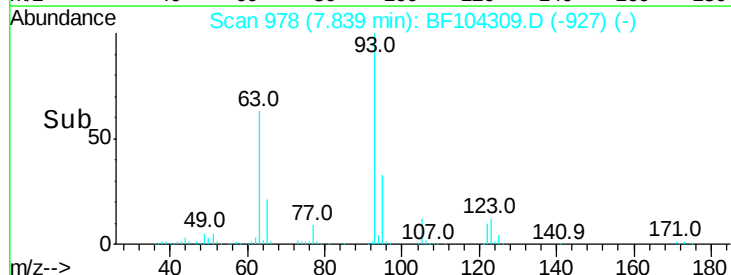
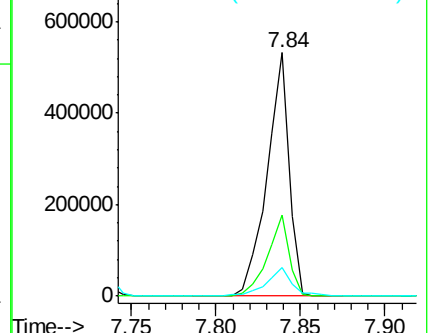
123 11.6 9.8 14.6

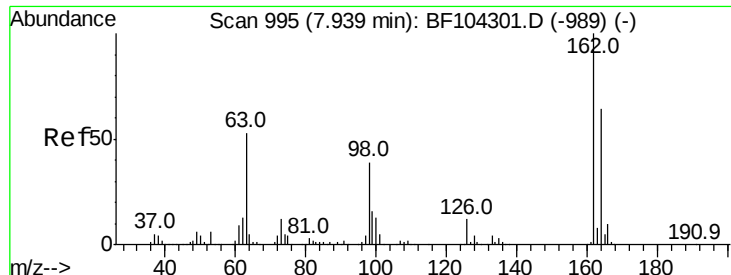


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 43.818 ng

RT: 7.94 min Scan# 995

Delta R.T. -0.00 min

Lab File: BF104309.D

Acq: 6 Apr 2018 16:36

Instrument :

BNA_F

ClientSampleId :

PB108001BS

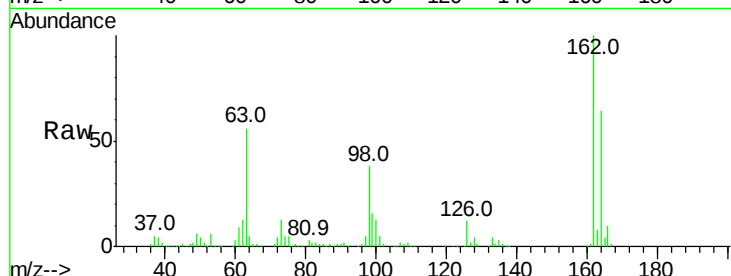
Tot Ion:162 Resp: 325176

Ion Ratio Lower Upper

162 100

164 64.0 42.7 82.7

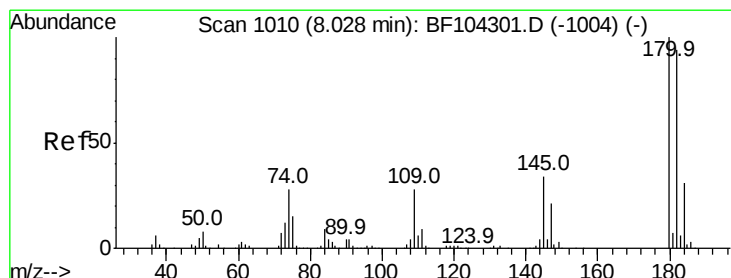
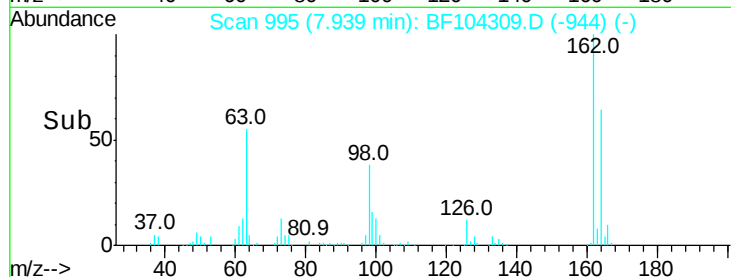
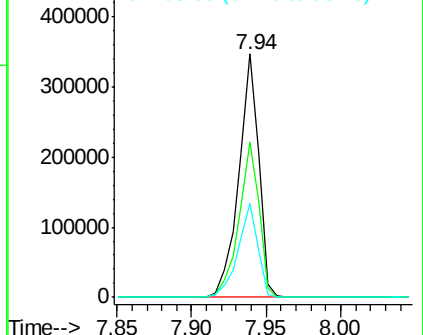
98 38.5 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 40.354 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.00 min

Lab File: BF104309.D

Acq: 6 Apr 2018 16:36

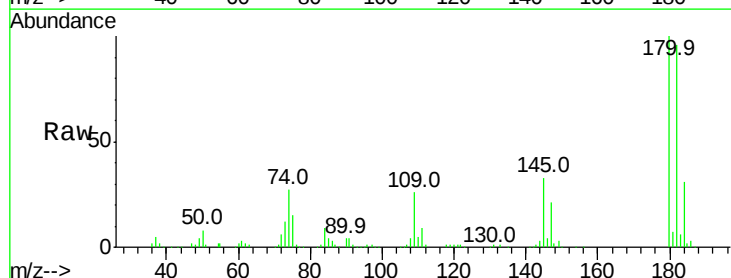
Tgt Ion:180 Resp: 328654

Ion Ratio Lower Upper

180 100

182 96.4 76.8 115.2

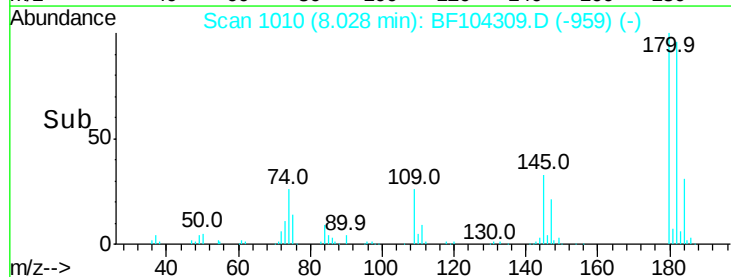
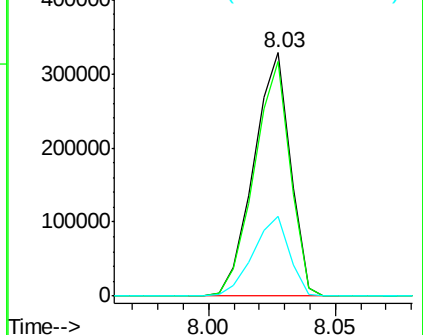
145 32.6 26.5 39.7

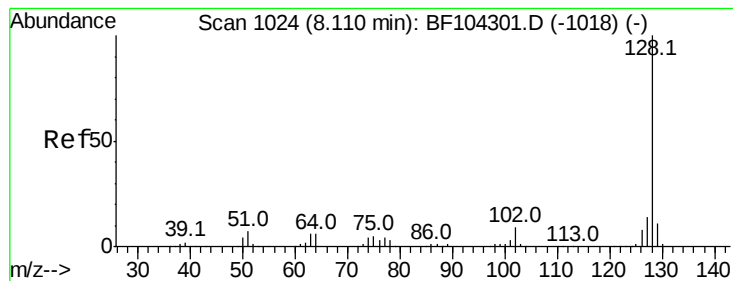


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.929 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BF104309.D

Acq: 6 Apr 2018 16:36

Instrument :

BNA_F

ClientSampleId :

PB108001BS

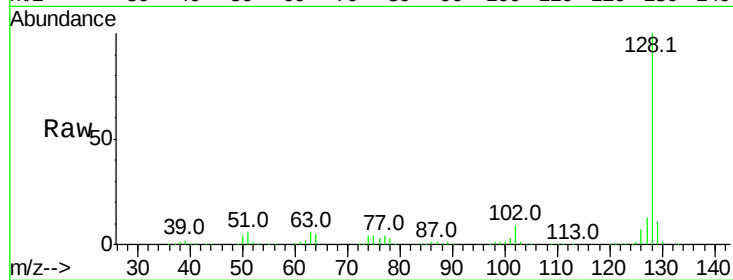
Tot Ion:128 Resp: 1109075

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

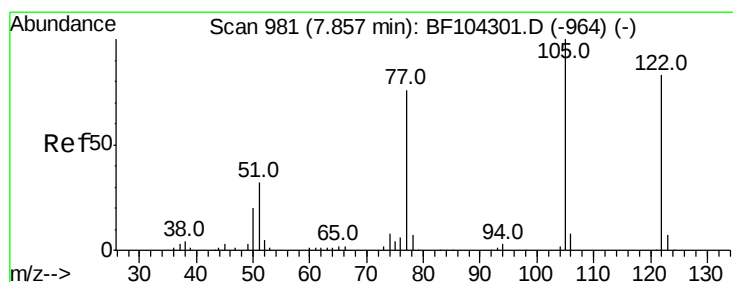
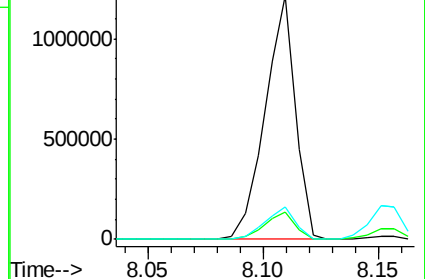
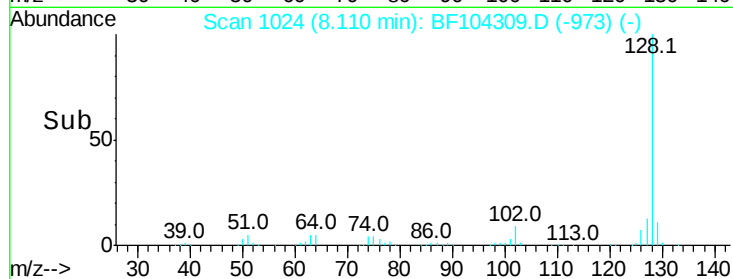
127 13.3 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.142 ng

RT: 7.86 min Scan# 981

Delta R.T. -0.00 min

Lab File: BF104309.D

Acq: 6 Apr 2018 16:36

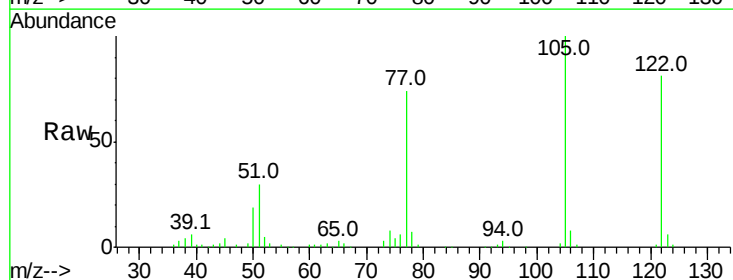
Tgt Ion:122 Resp: 230493

Ion Ratio Lower Upper

122 100

105 123.2 101.1 141.1

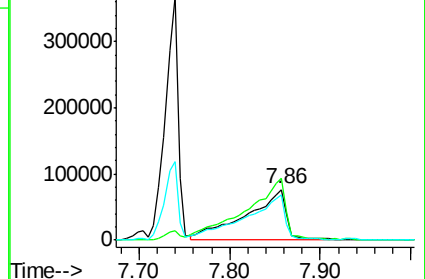
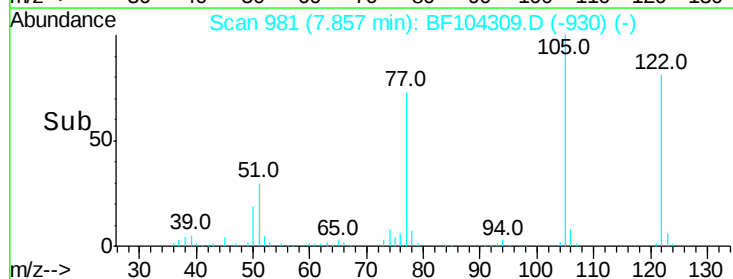
77 90.7 70.7 110.7

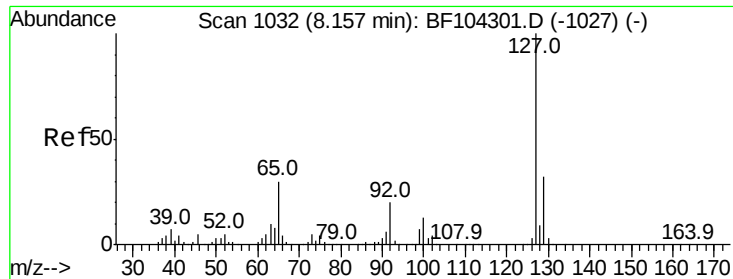


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

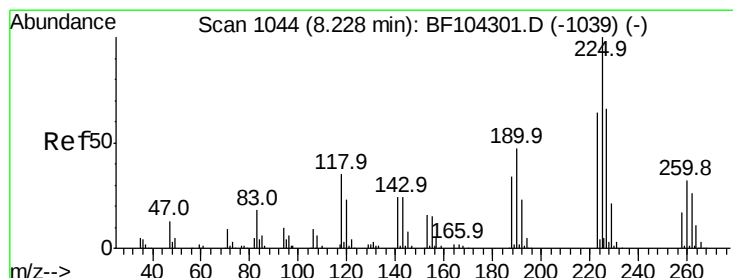
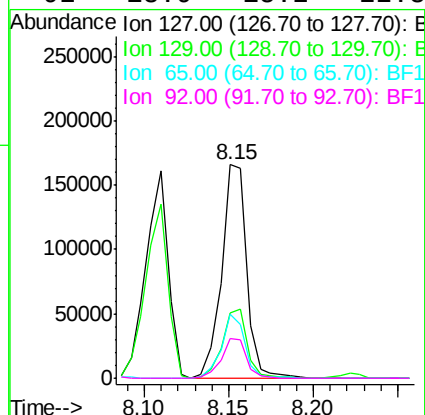
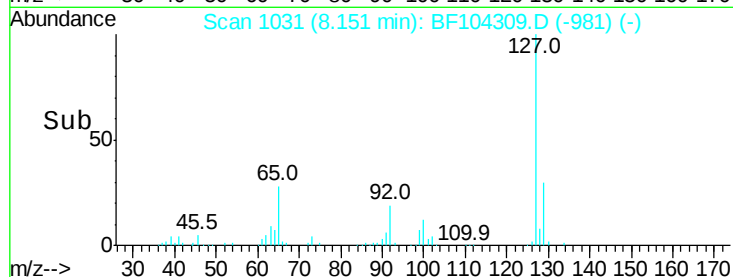
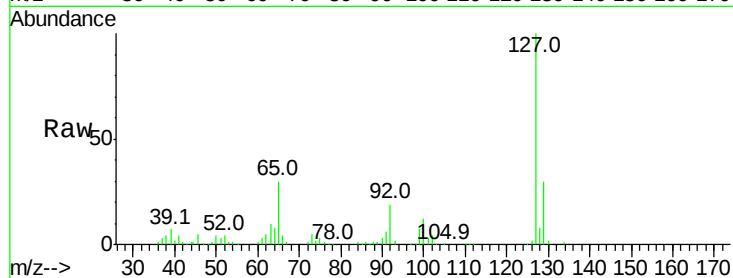




#33
4-Chloroaniline
Concen: 14.827 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF104309.D
Acq: 6 Apr 2018 16:36

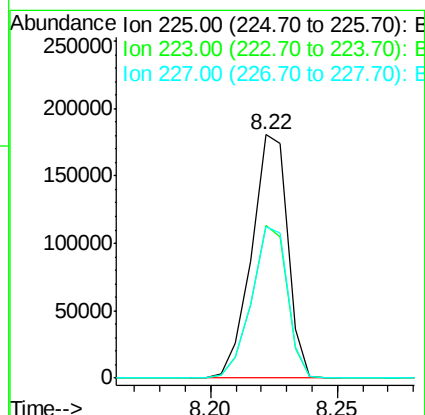
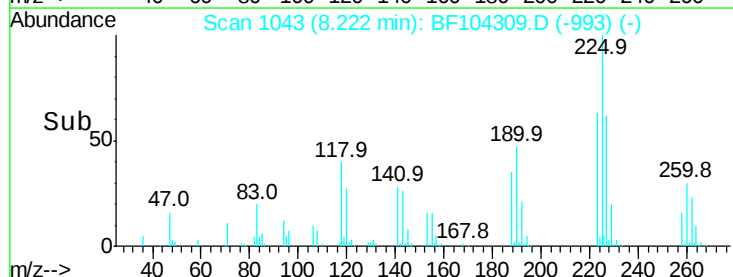
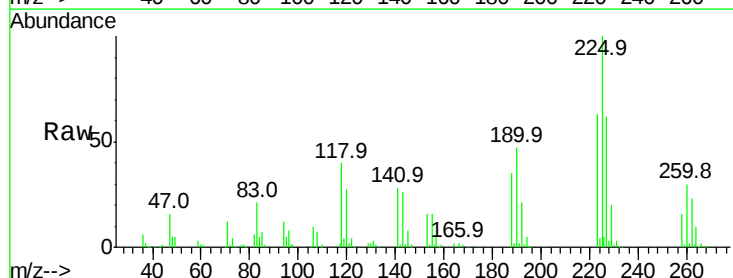
Instrument :
BNA_F
ClientSampleId :
PB108001BS

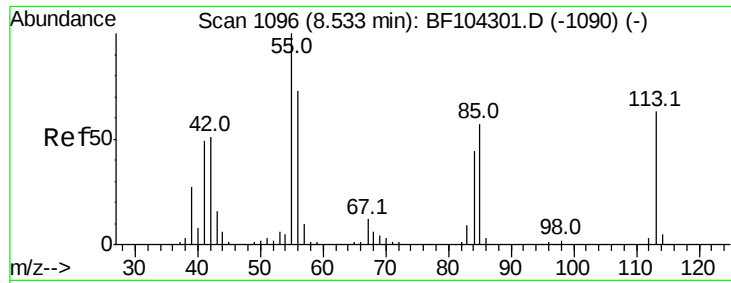
Tot Ion:	127	Resp:	172126
Ion	Ratio	Lower	Upper
127	100		
129	30.4	25.9	38.9
65	29.9	25.0	37.4
92	18.9	15.2	22.8



#34
Hexachlorobutadiene
Concen: 40.184 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF104309.D
Acq: 6 Apr 2018 16:36

Tgt Ion:	225	Resp:	179259
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.6	76.0
227	62.3	51.9	77.9

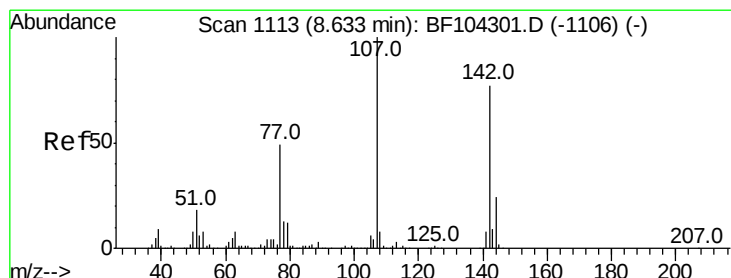
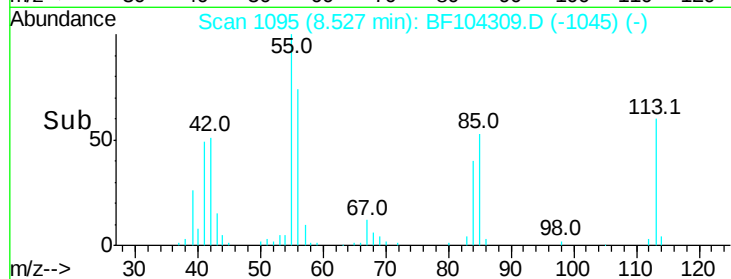
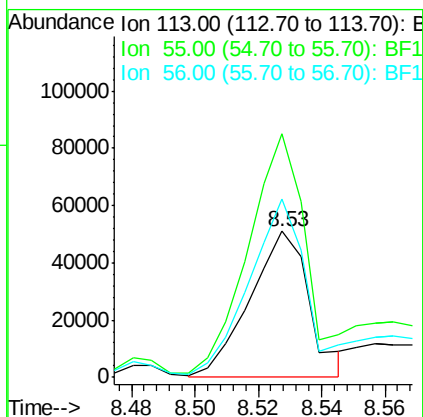
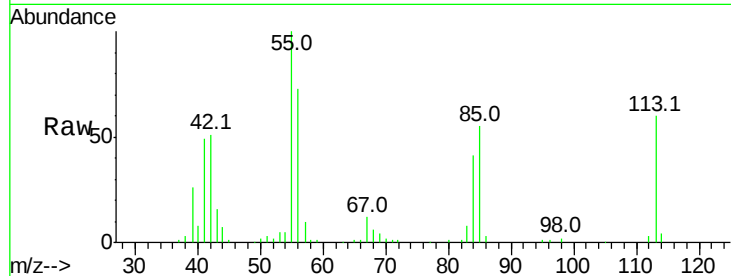




#35
 Caprolactam
 Concen: 25.580 ng
 RT: 8.53 min Scan# 1095
 Delta R.T. -0.01 min
 Lab File: BF104309.D
 Acq: 6 Apr 2018 16:36

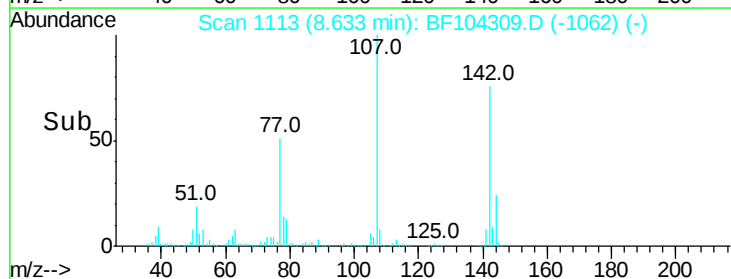
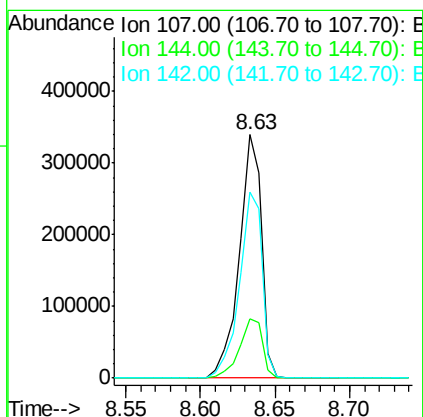
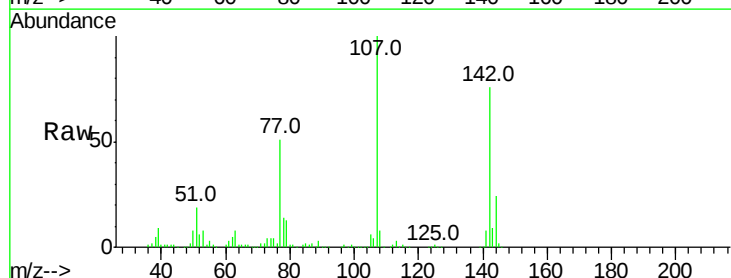
Instrument :
 BNA_F
 ClientSampleId :
 PB108001BS

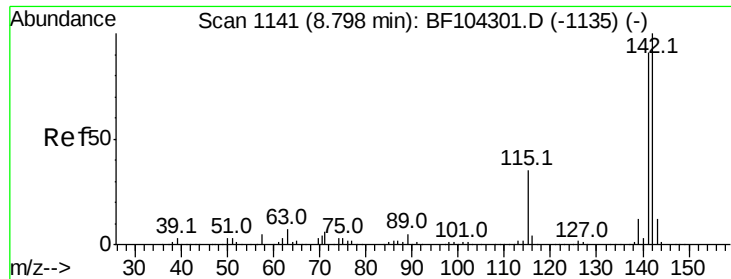
Tot Ion:113 Resp: 66222
 Ion Ratio Lower Upper
 113 100
 55 166.8 163.3 203.3
 56 122.5 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 44.156 ng
 RT: 8.63 min Scan# 1113
 Delta R.T. -0.00 min
 Lab File: BF104309.D
 Acq: 6 Apr 2018 16:36

Tgt Ion:107 Resp: 351365
 Ion Ratio Lower Upper
 107 100
 144 24.3 20.5 30.7
 142 76.1 62.0 93.0

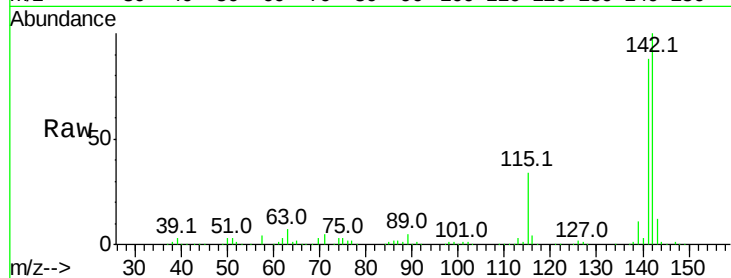




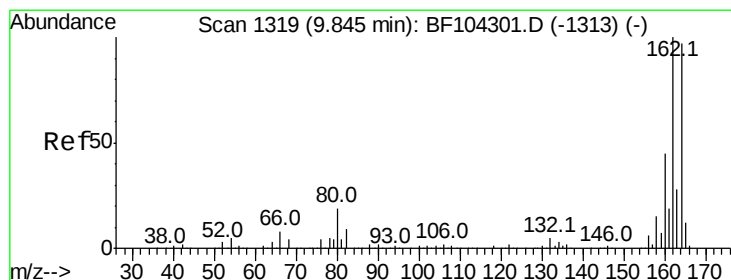
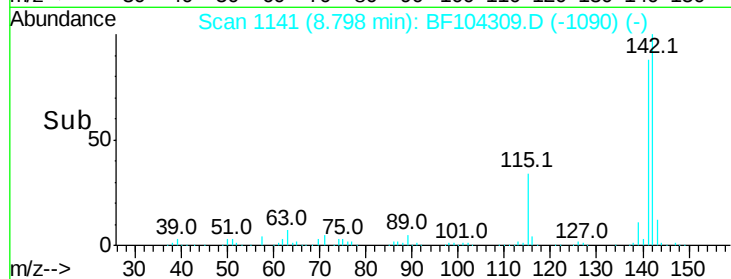
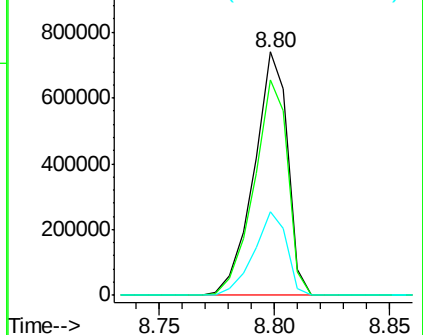
#37
2-Methylnaphthalene
Concen: 42.844 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BF104309.D
Acq: 6 Apr 2018 16:36

Instrument :
BNA_F
ClientSampleId :
PB108001BS

Tot Ion:142 Resp: 750965
Ion Ratio Lower Upper
142 100
141 88.3 70.8 106.2
115 34.3 26.1 39.1

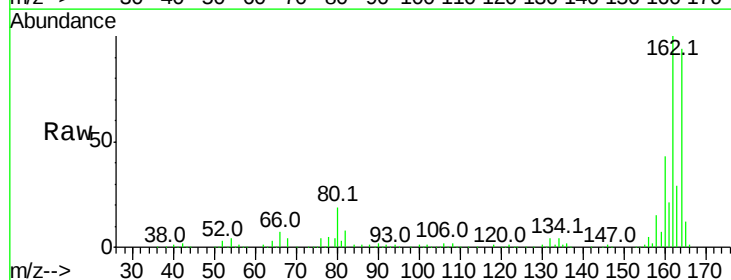


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

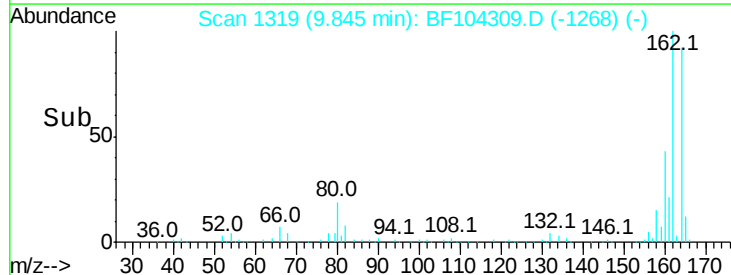
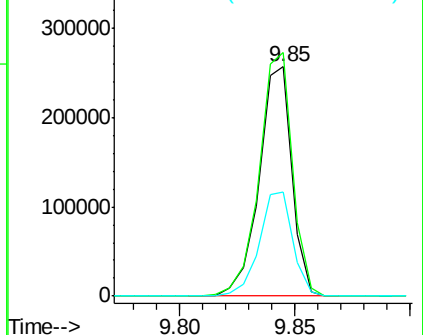


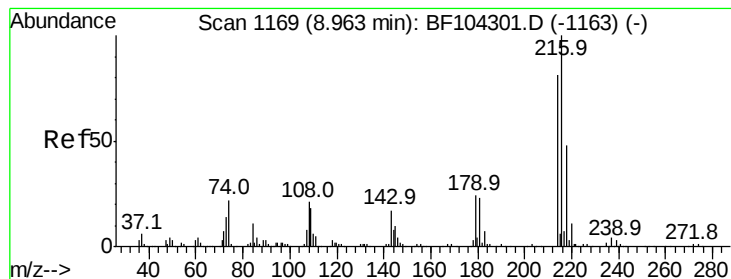
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BF104309.D
Acq: 6 Apr 2018 16:36

Tgt Ion:164 Resp: 254767
Ion Ratio Lower Upper
164 100
162 106.2 86.1 129.1
160 45.2 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.394 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BF104309.D

Acq: 6 Apr 2018 16:36

Instrument :

BNA_F

ClientSampleId :

PB108001BS

Tot Ion:216 Resp: 294591

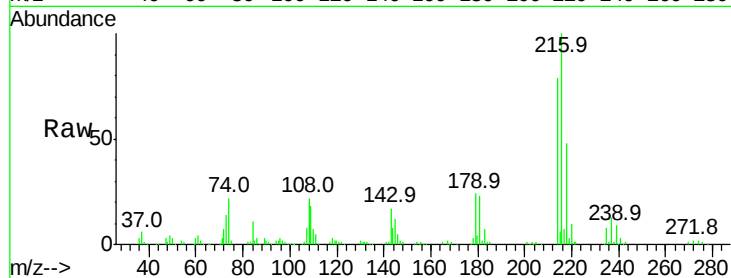
Ion Ratio Lower Upper

216 100

214 79.5 63.0 94.4

179 22.7 18.1 27.1

108 24.4 17.2 25.8

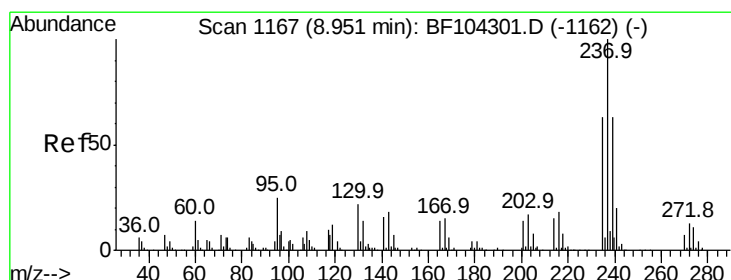
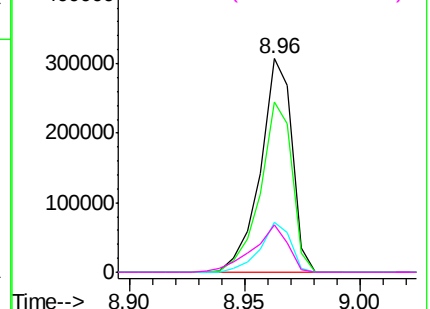
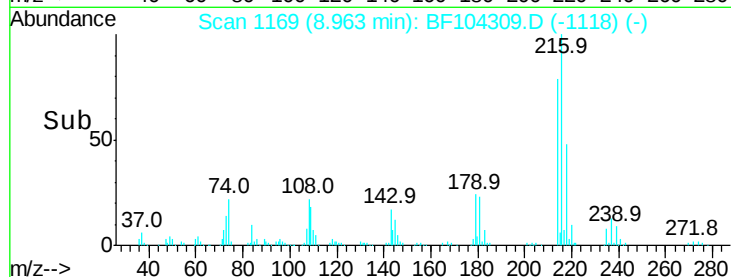


Abundance Ion 216.00 (215.70 to 216.70): E

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: 88.665 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BF104309.D

Acq: 6 Apr 2018 16:36

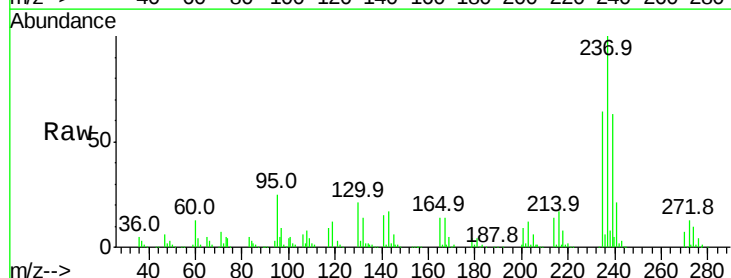
Tgt Ion:237 Resp: 362005

Ion Ratio Lower Upper

237 100

235 64.3 44.8 84.8

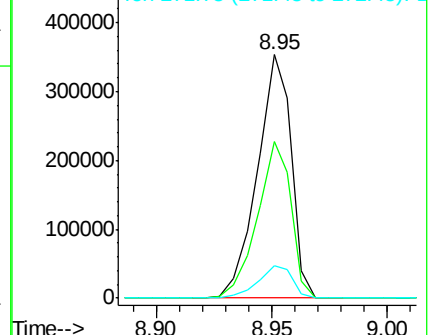
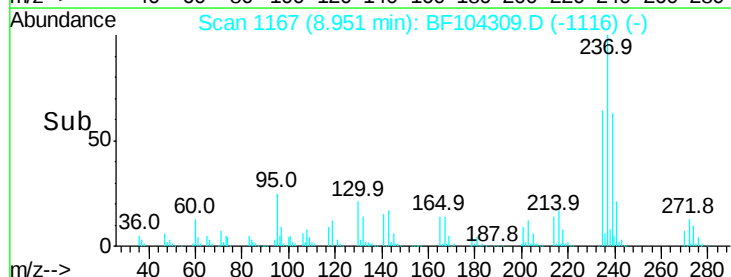
272 13.2 0.0 33.3

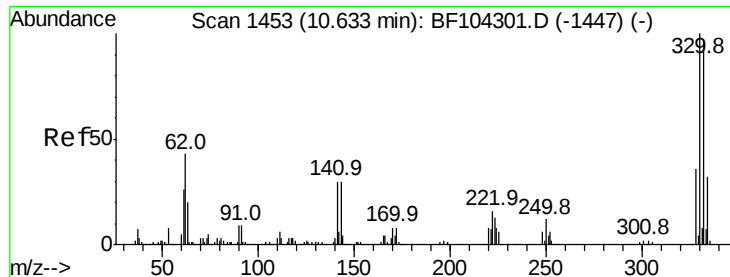


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 122.690 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.00 min

Lab File: BF104309.D

Acq: 6 Apr 2018 16:36

Instrument :

BNA_F

ClientSampleId :

PB108001BS

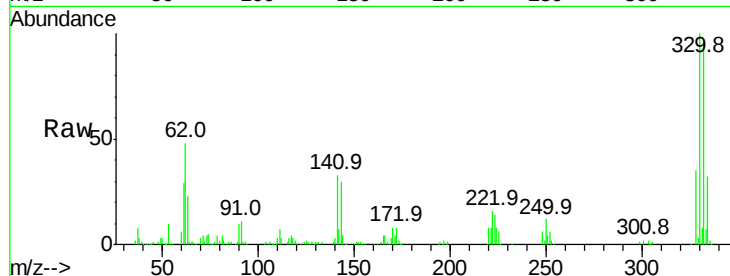
Tot Ion:330 Resp: 324241

Ion Ratio Lower Upper

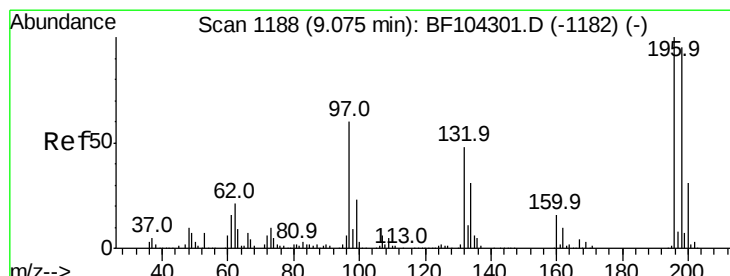
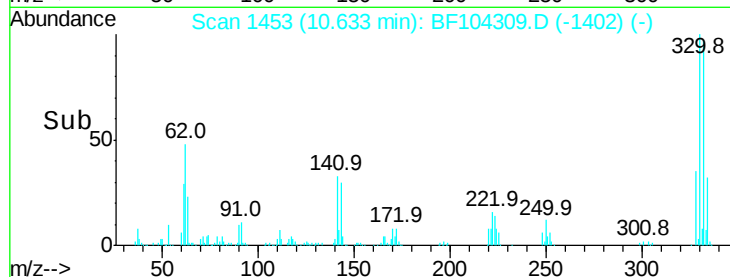
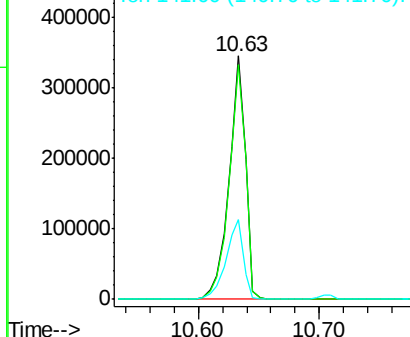
330 100

332 97.4 77.0 115.6

141 34.4 29.9 44.9



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



#42

2,4,6-Trichlorophenol

Concen: 44.958 ng

RT: 9.07 min Scan# 1188

Delta R.T. -0.00 min

Lab File: BF104309.D

Acq: 6 Apr 2018 16:36

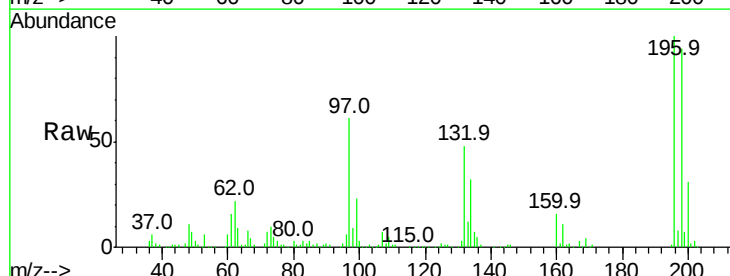
Tgt Ion:196 Resp: 227606

Ion Ratio Lower Upper

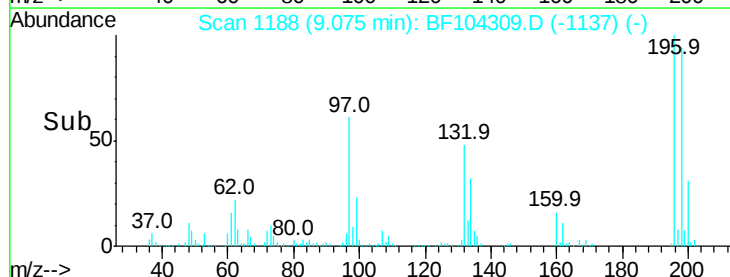
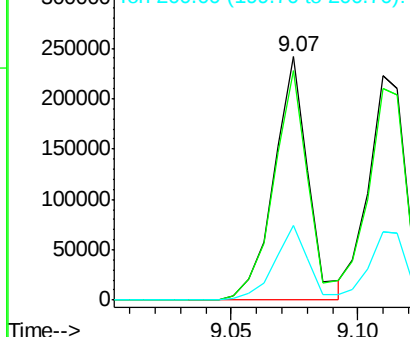
196 100

198 94.1 75.7 113.5

200 30.6 24.5 36.7



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E



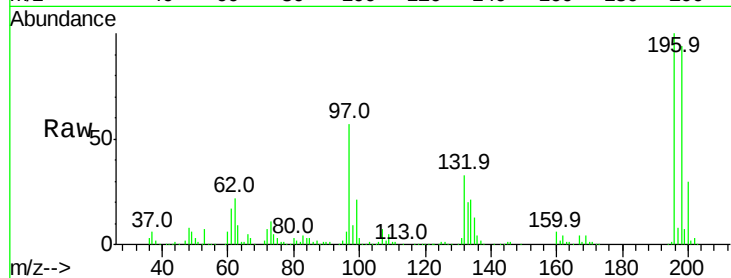


#43
 2,4,5-Trichlorophenol
 Concen: 40.039 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: BF104309.D
 Acq: 6 Apr 2018 16:36

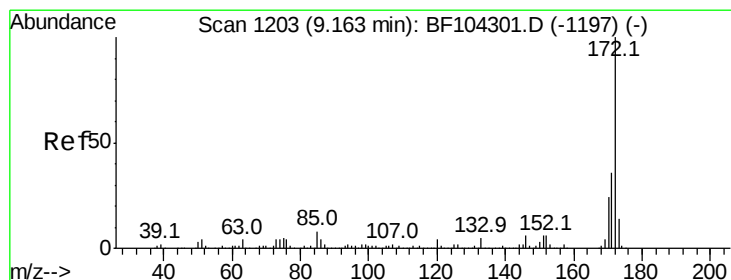
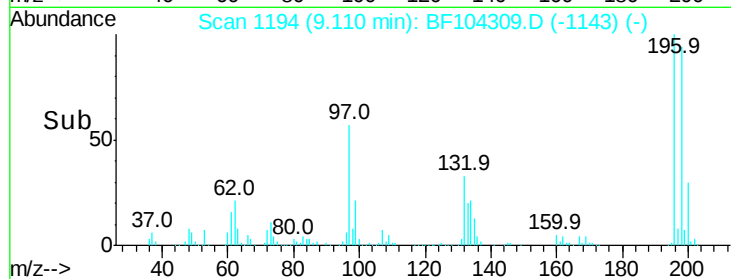
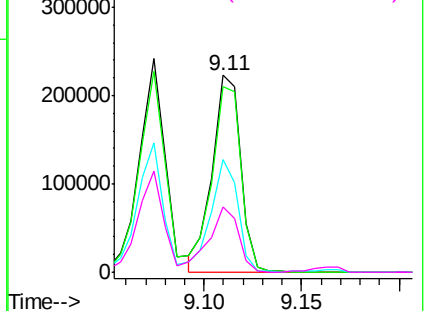
Instrument :
 BNA_F
 ClientSampleId :
 PB108001BS

Tot Ion:196 Resp: 226832

Ion	Ratio	Lower	Upper
196	100		
198	94.3	74.6	112.0
97	57.3	42.9	64.3
132	33.1	26.3	39.5



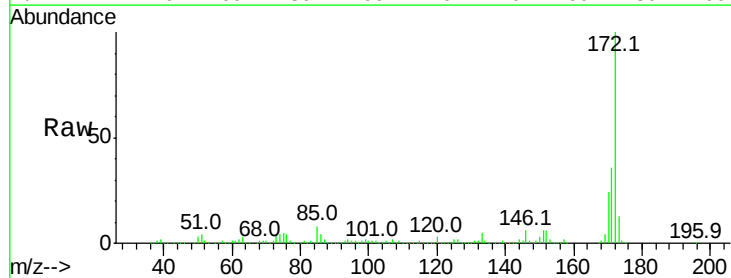
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E



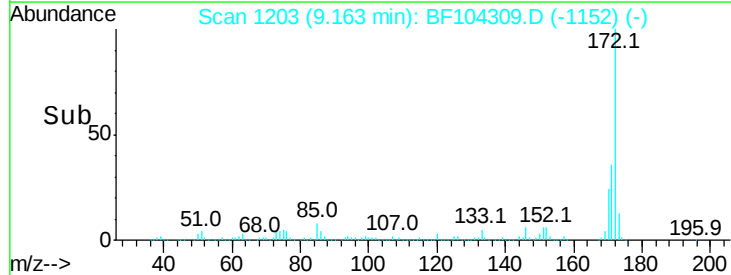
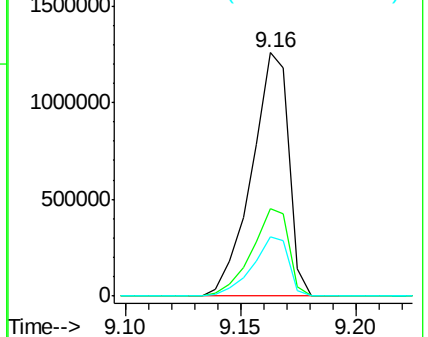
#44
 2-Fluorobiphenyl
 Concen: 87.211 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF104309.D
 Acq: 6 Apr 2018 16:36

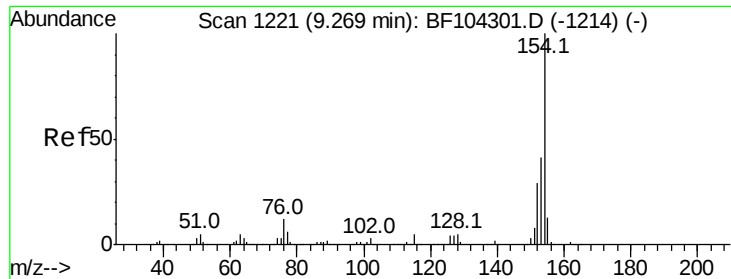
Tgt Ion:172 Resp: 1406454

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.2	19.6	29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 40.693 ng

RT: 9.26 min Scan# 1220

Delta R.T. -0.01 min

Lab File: BF104309.D

Acq: 6 Apr 2018 16:36

Instrument :

BNA_F

ClientSampleId :

PB108001BS

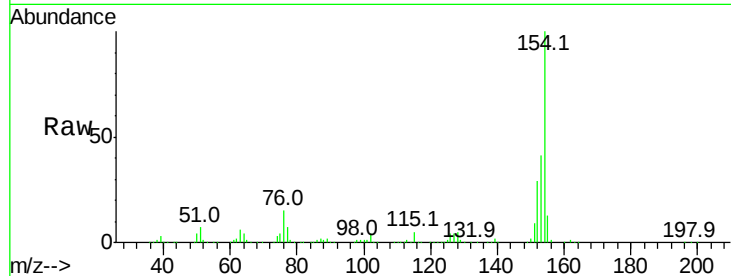
Tot Ion:154 Resp: 870916

Ion Ratio Lower Upper

154 100

153 41.2 21.3 61.3

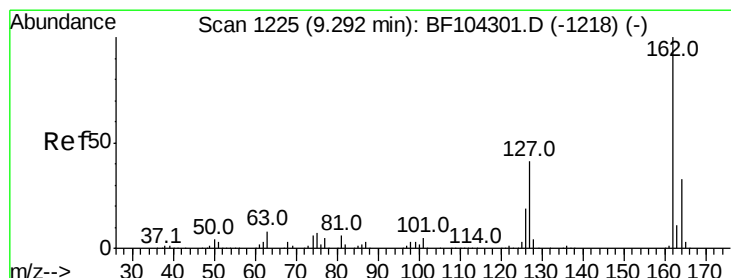
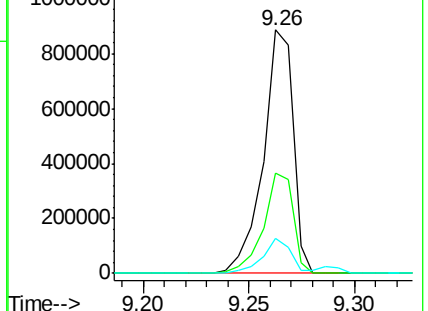
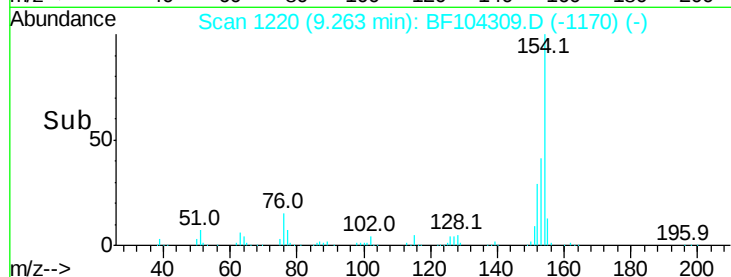
76 14.6 0.0 34.0



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: 40.554 ng

RT: 9.29 min Scan# 1224

Delta R.T. -0.01 min

Lab File: BF104309.D

Acq: 6 Apr 2018 16:36

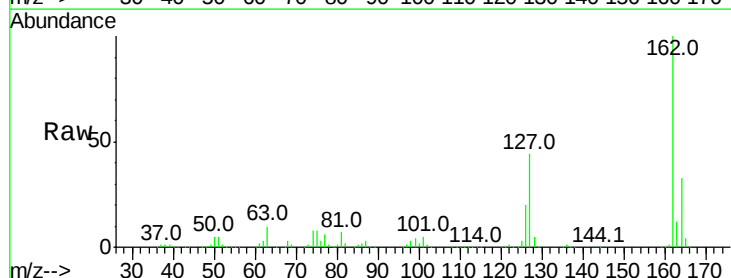
Tgt Ion:162 Resp: 685570

Ion Ratio Lower Upper

162 100

127 44.1 33.9 50.9

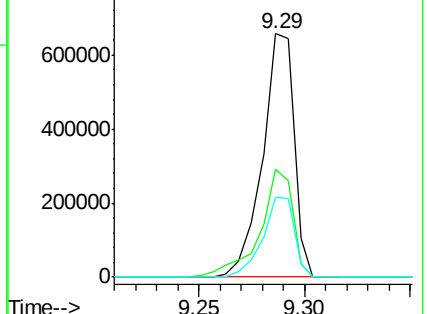
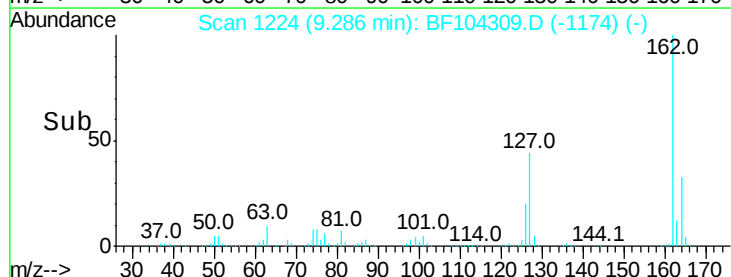
164 33.0 26.5 39.7

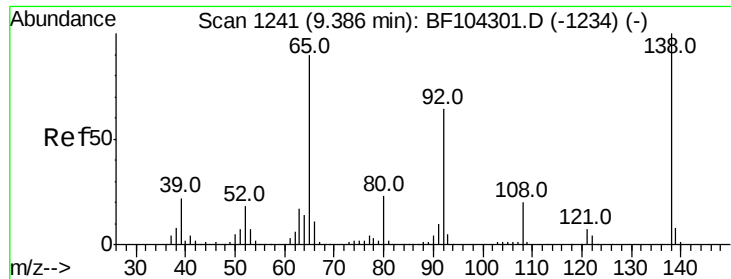


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

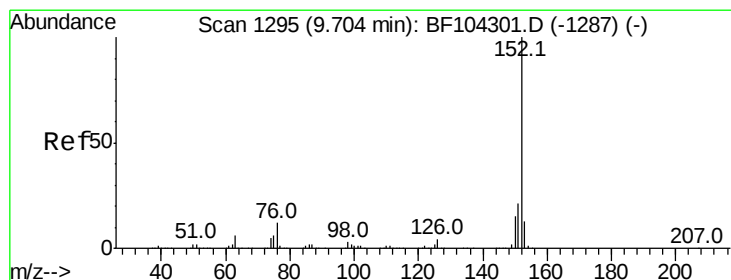
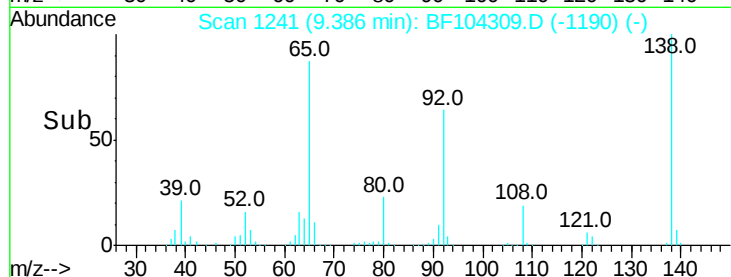
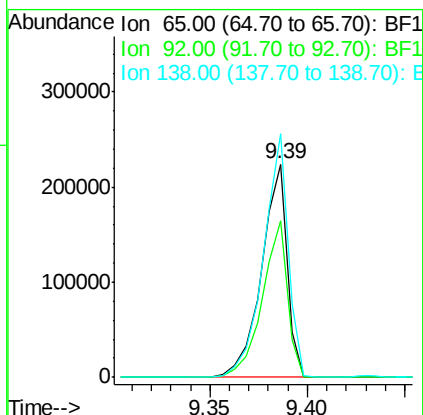
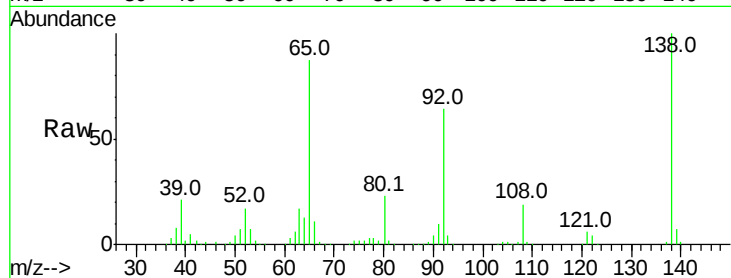




#47
2-Nitroaniline
Concen: 48.657 ng
RT: 9.39 min Scan# 1241
Delta R.T. -0.00 min
Lab File: BF104309.D
Acq: 6 Apr 2018 16:36

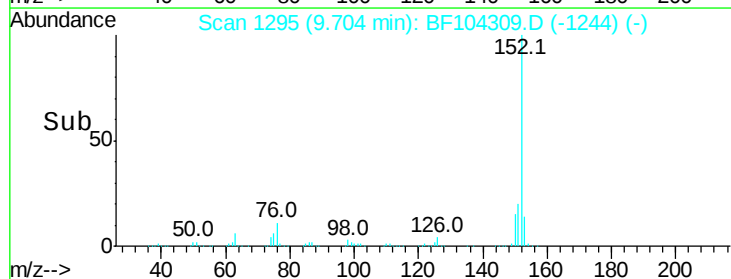
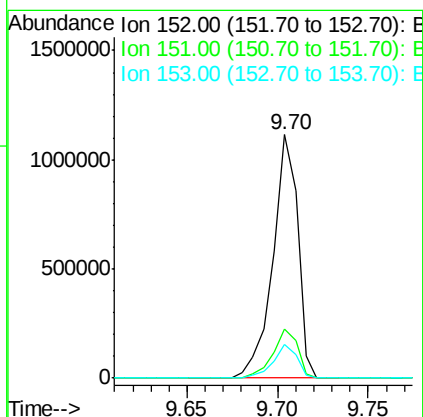
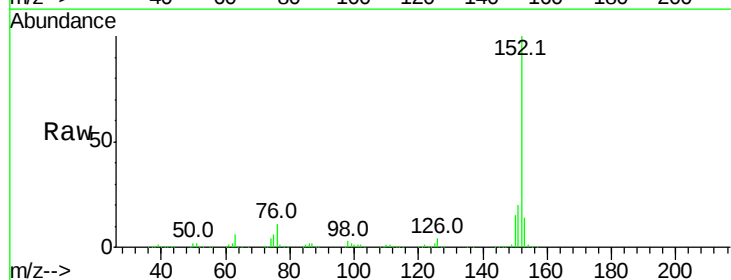
Instrument :
BNA_F
ClientSampleId :
PB108001BS

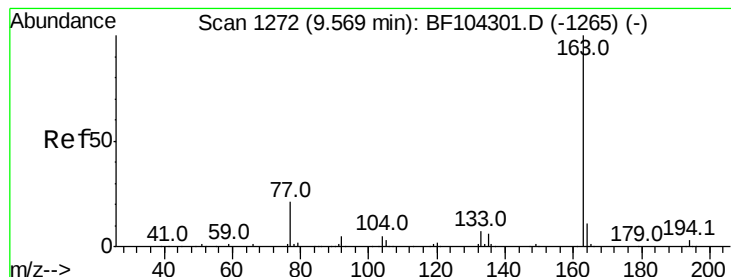
Tot Ion: 65 Resp: 203414
Ion Ratio Lower Upper
65 100
92 73.4 55.8 83.6
138 114.3 91.2 136.8



#48
Acenaphthylene
Concen: 40.068 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.00 min
Lab File: BF104309.D
Acq: 6 Apr 2018 16:36

Tgt Ion:152 Resp: 1062729
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 13.8 10.7 16.1





#49

Dimethylphthalate

Concen: 40.082 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.00 min

Lab File: BF104309.D

Acq: 6 Apr 2018 16:36

Instrument :

BNA_F

ClientSampleId :

PB108001BS

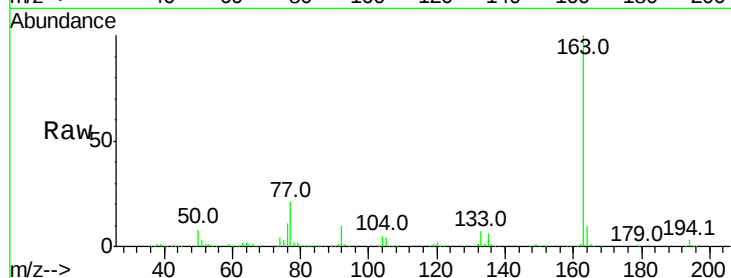
Tot Ion:163 Resp: 805263

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

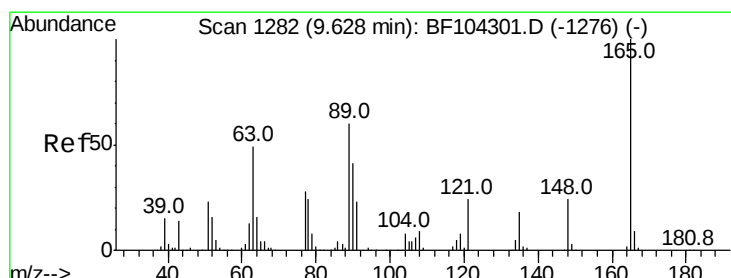
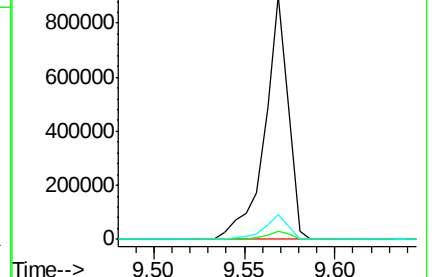
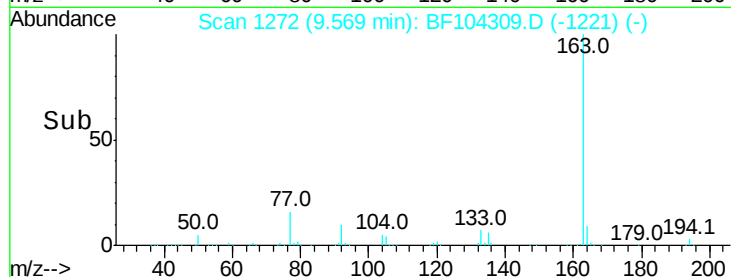
164 10.3 8.2 12.2



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: 48.374 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BF104309.D

Acq: 6 Apr 2018 16:36

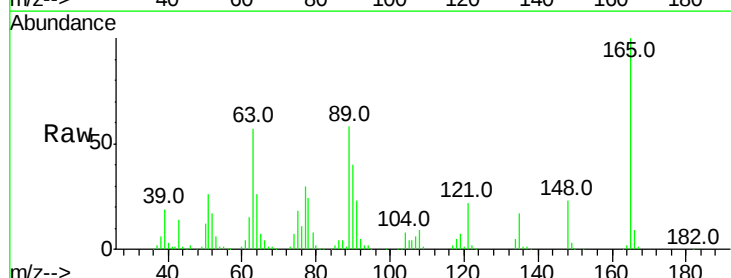
Tgt Ion:165 Resp: 179829

Ion Ratio Lower Upper

165 100

63 56.8 44.7 67.1

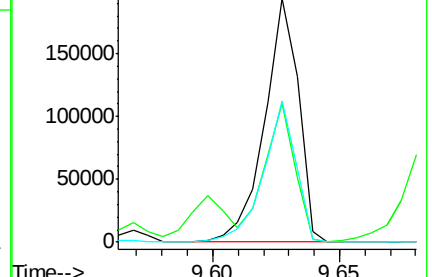
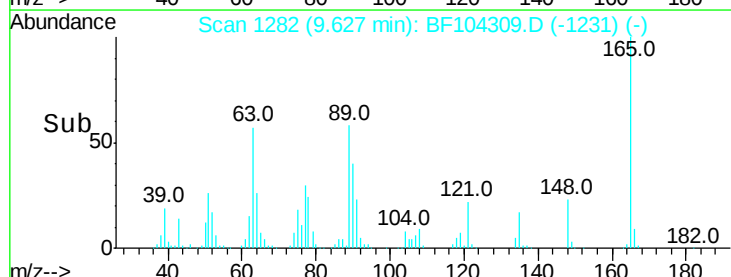
89 58.1 44.0 66.0

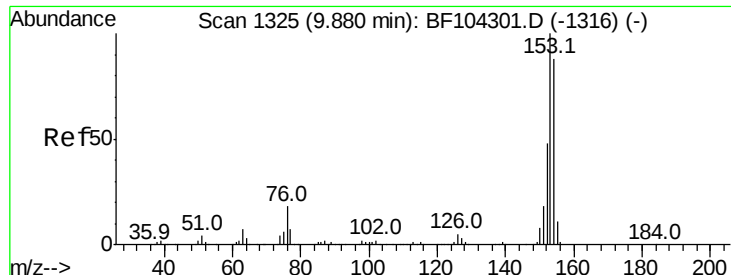


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 42.385 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF104309.D

Acq: 6 Apr 2018 16:36

Instrument :

BNA_F

ClientSampleId :

PB108001BS

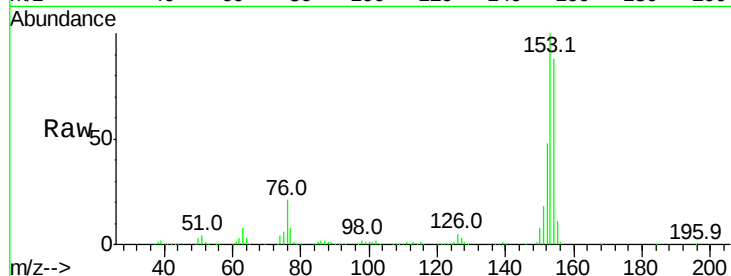
Tot Ion:154 Resp: 685917

Ion Ratio Lower Upper

154 100

153 113.8 91.2 136.8

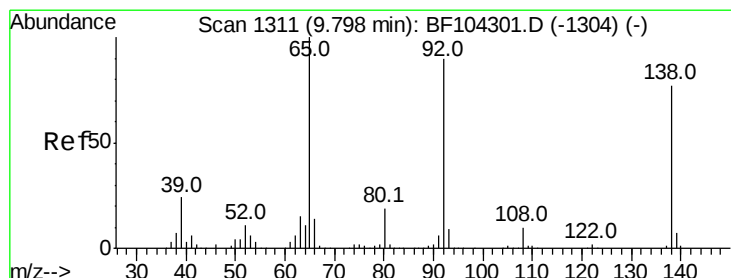
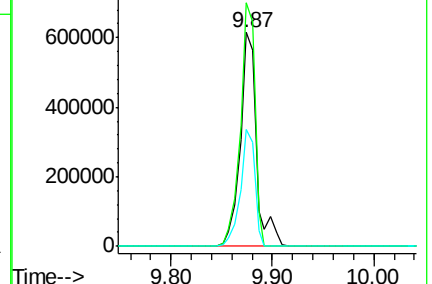
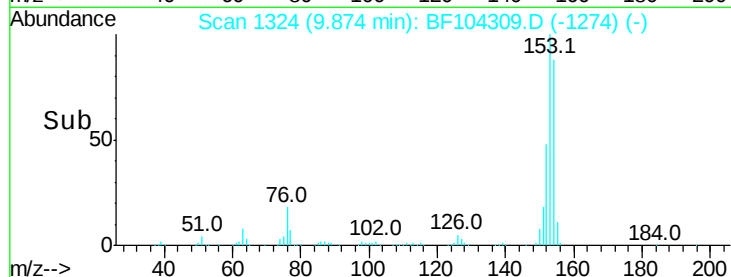
152 54.8 43.8 65.8



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: 23.577 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF104309.D

Acq: 6 Apr 2018 16:36

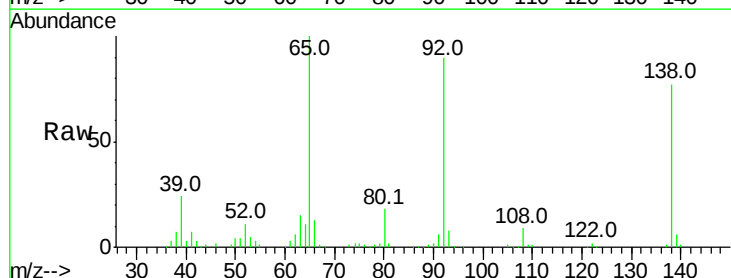
Tgt Ion:138 Resp: 102610

Ion Ratio Lower Upper

138 100

108 11.6 9.4 14.0

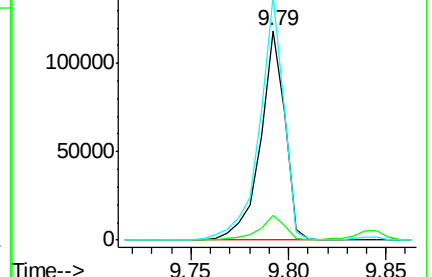
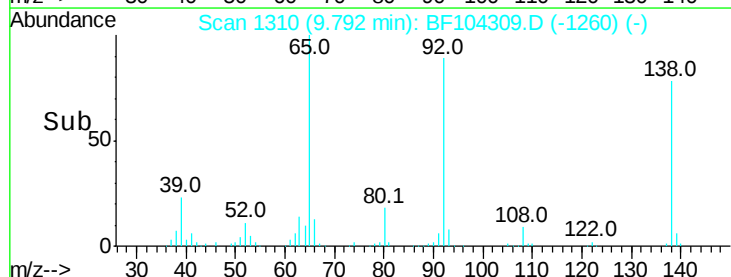
92 116.2 89.4 134.2

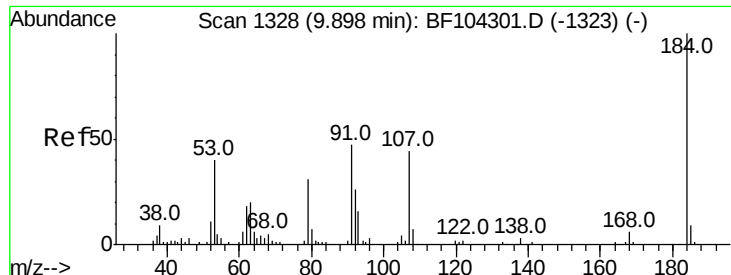


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

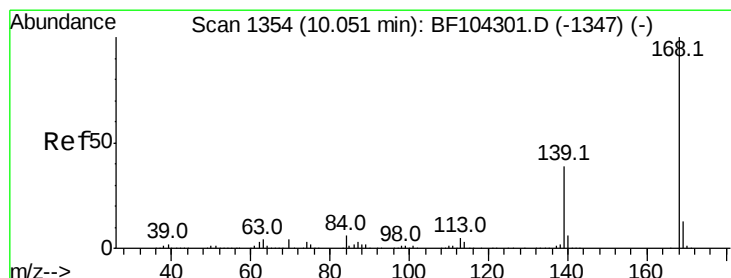
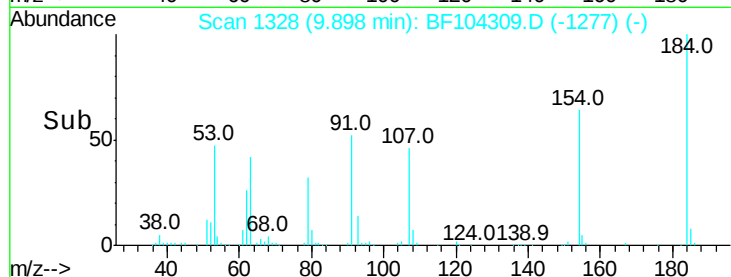
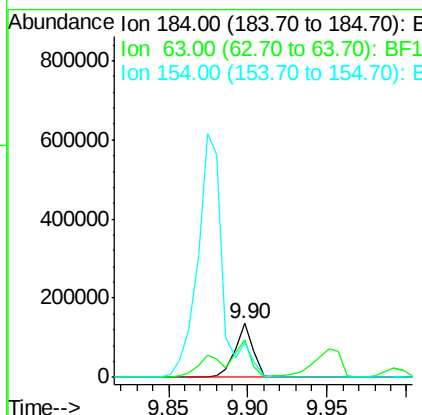
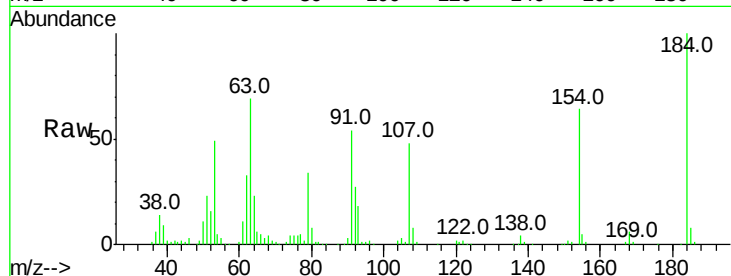




#53
 2,4-Dinitrophenol
 Concen: 74.146 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.00 min
 Lab File: BF104309.D
 Acq: 6 Apr 2018 16:36

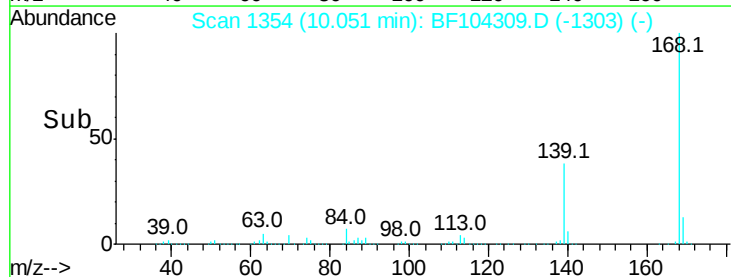
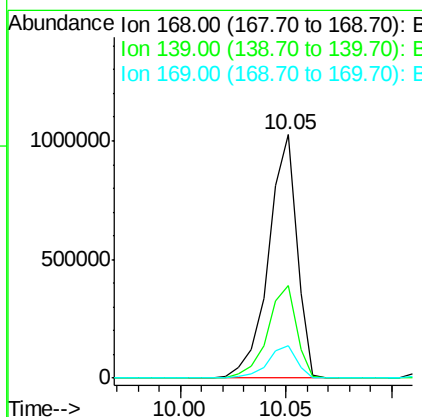
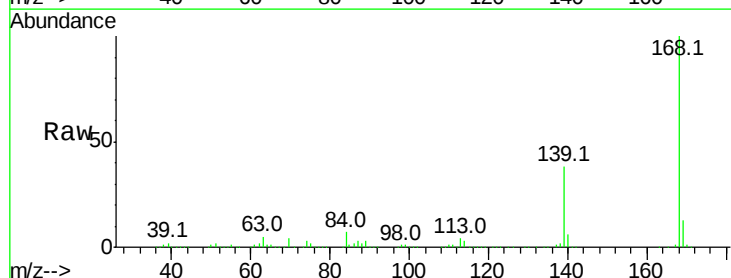
Instrument :
 BNA_F
 ClientSampleId :
 PB108001BS

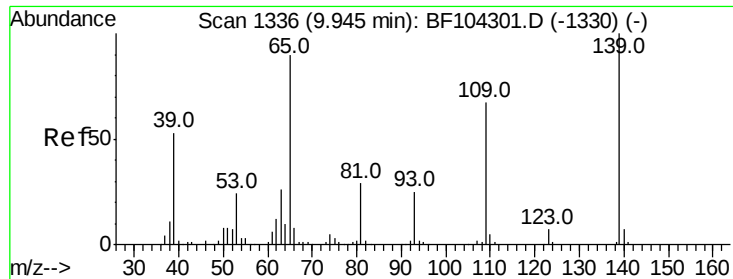
Tot Ion:184 Resp: 109990
 Ion Ratio Lower Upper
 184 100
 63 69.4 54.2 81.2
 154 64.4 184.0 276.0#



#54
 Dibenzofuran
 Concen: 42.483 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. -0.00 min
 Lab File: BF104309.D
 Acq: 6 Apr 2018 16:36

Tgt Ion:168 Resp: 958088
 Ion Ratio Lower Upper
 168 100
 139 38.0 30.1 45.1
 169 13.2 10.9 16.3

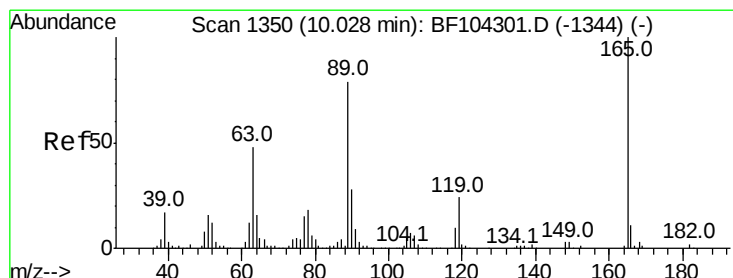
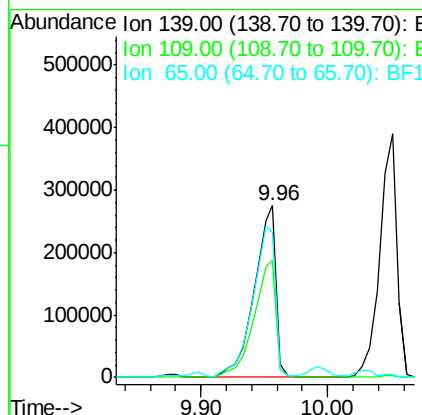
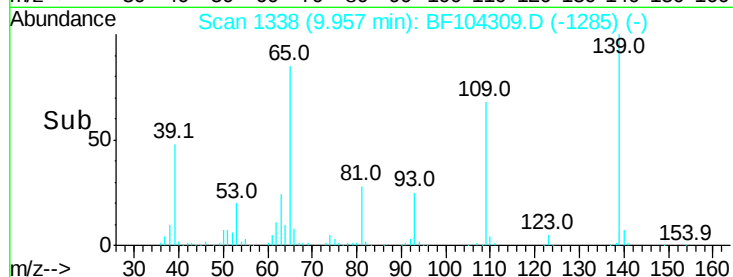
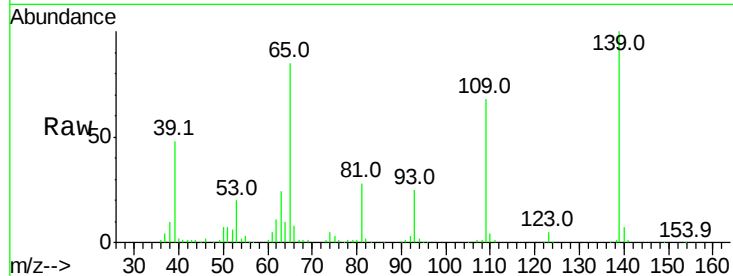




#55
4-Nitrophenol
Concen: 95.862 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF104309.D
Acq: 6 Apr 2018 16:36

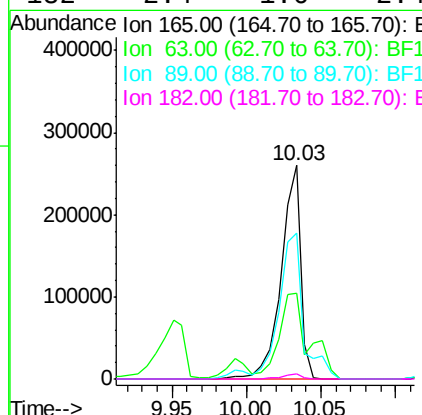
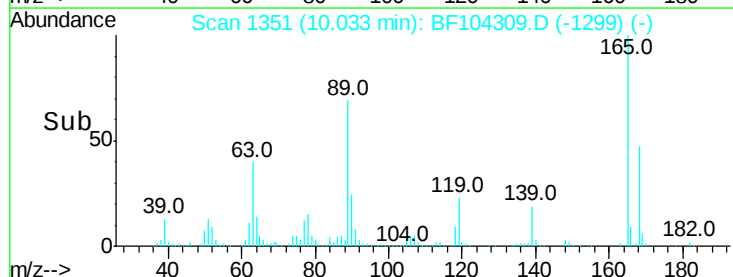
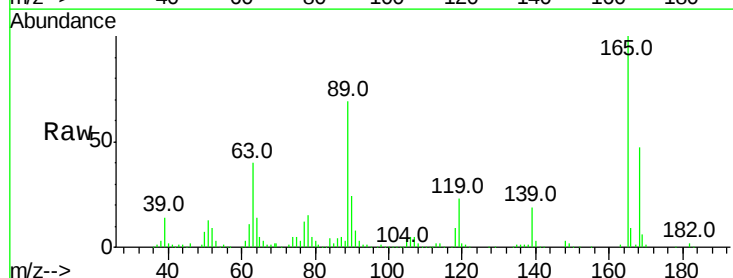
Instrument :
BNA_F
ClientSampleId :
PB108001BS

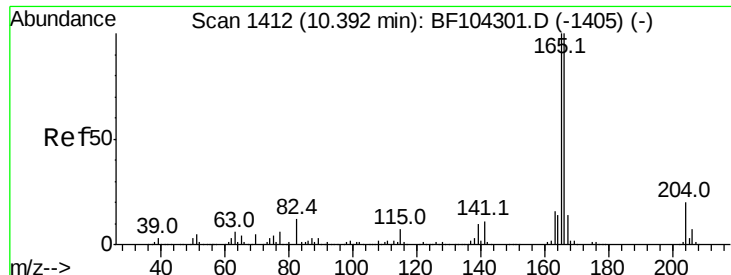
Tot Ion:139 Resp: 327722
Ion Ratio Lower Upper
139 100
109 68.0 48.4 88.4
65 84.7 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 48.992 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF104309.D
Acq: 6 Apr 2018 16:36

Tgt Ion:165 Resp: 238900
Ion Ratio Lower Upper
165 100
63 40.3 36.4 54.6
89 68.6 57.8 86.6
182 2.4 1.6 2.4

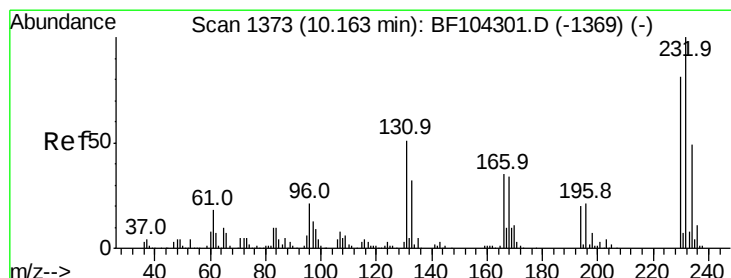
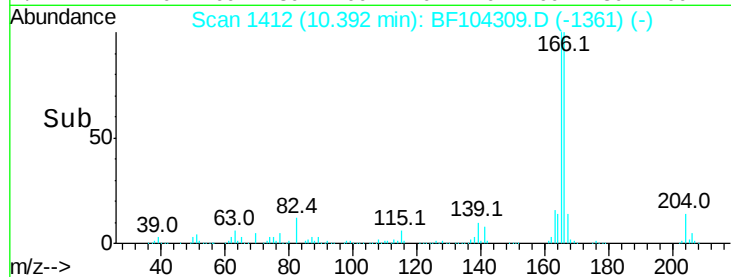
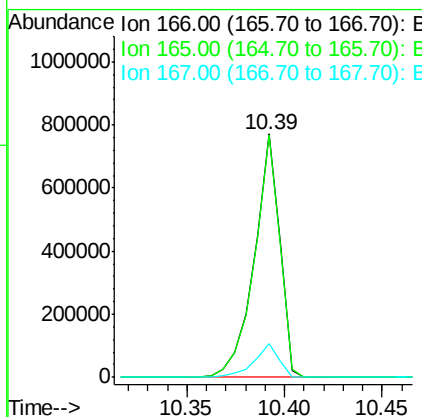
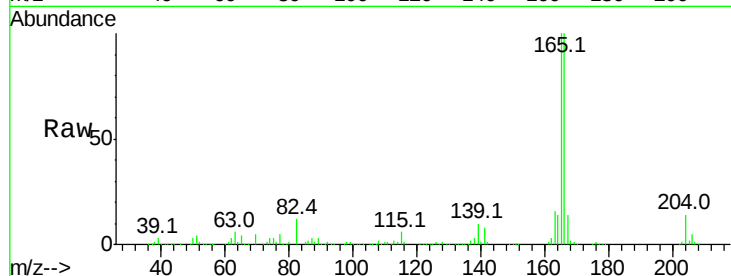




#57
Fluorene
 Concen: 42.446 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: BF104309.D
 Acq: 6 Apr 2018 16:36

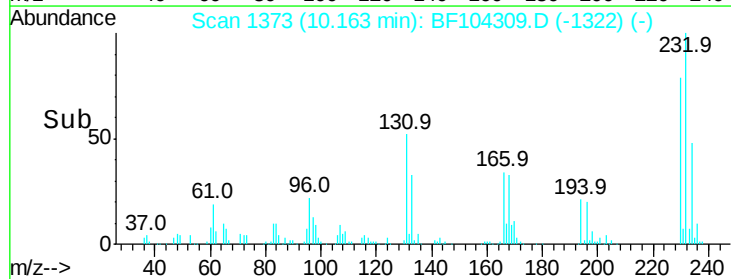
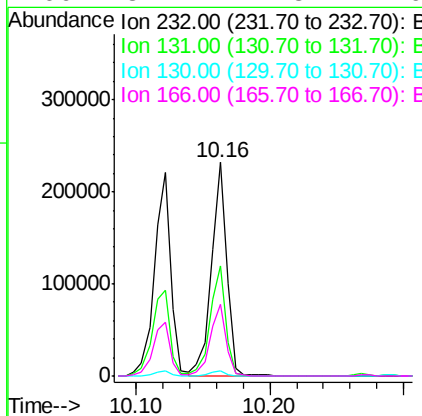
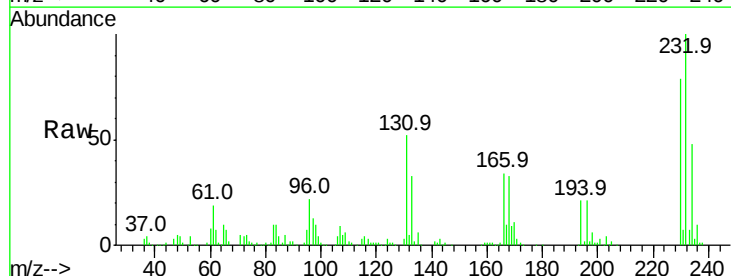
Instrument :
 BNA_F
 ClientSampleId :
 PB108001BS

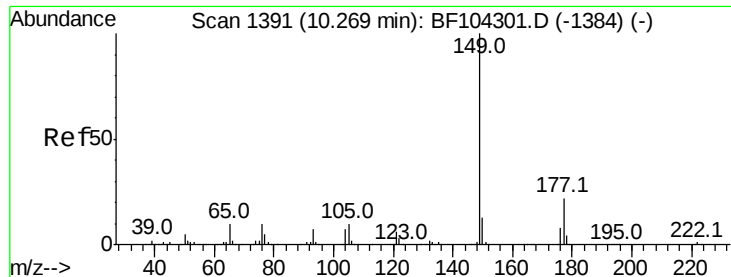
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.6	79.8	119.8
167	13.7	10.6	16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 44.657 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. -0.00 min
 Lab File: BF104309.D
 Acq: 6 Apr 2018 16:36

Tgt Ion	Ratio	Lower	Upper
232	100		
131	51.8	43.8	65.8
130	2.6	2.1	3.1
166	34.2	27.8	41.6

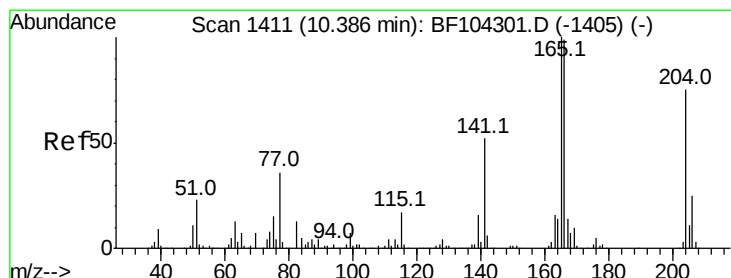
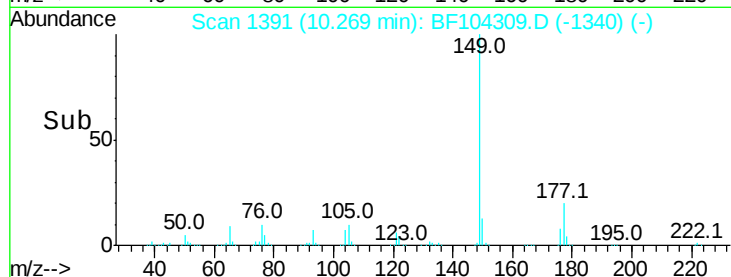
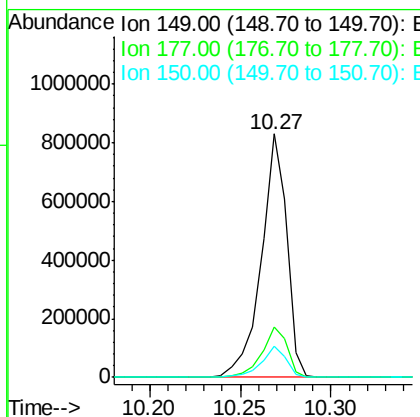
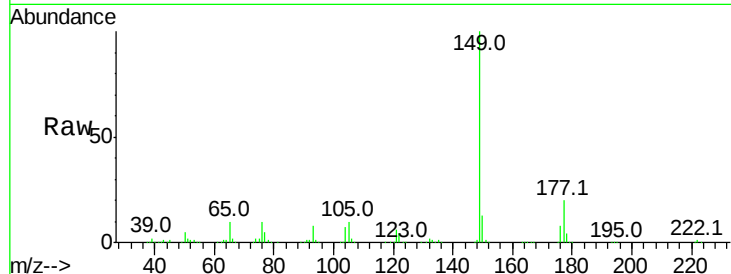




#59
Diethylphthalate
Concen: 40.555 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BF104309.D
Acq: 6 Apr 2018 16:36

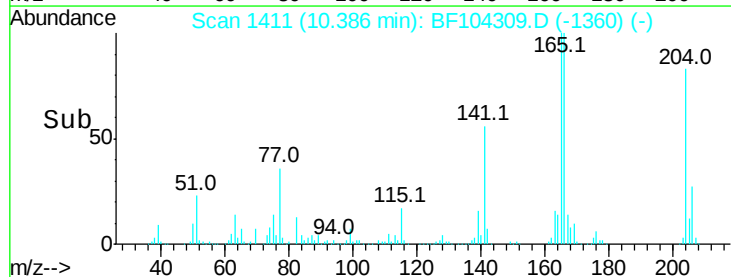
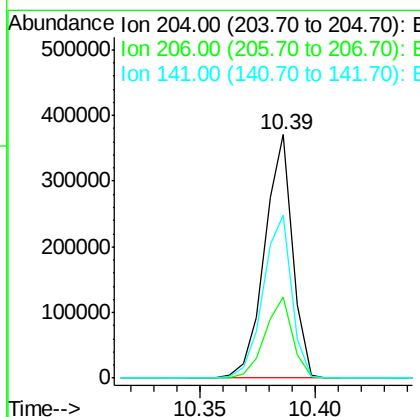
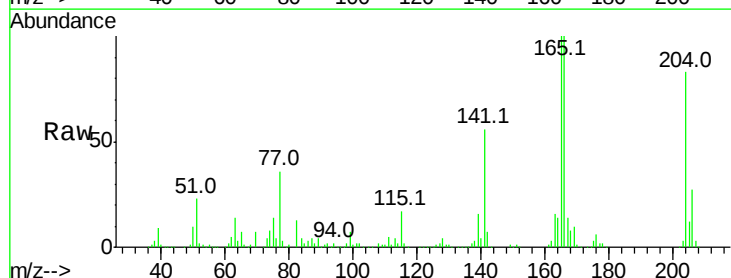
Instrument :
BNA_F
ClientSampled :
PB108001BS

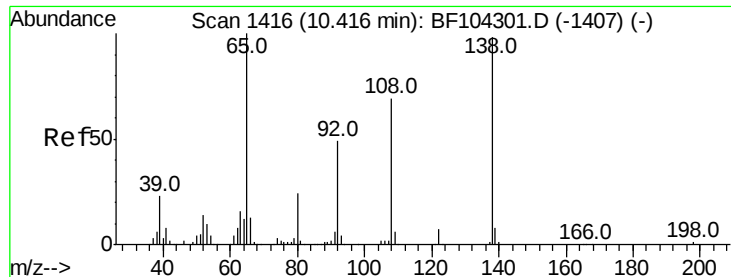
Tot Ion:149 Resp: 811451
Ion Ratio Lower Upper
149 100
177 20.5 16.1 24.1
150 12.6 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 42.519 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF104309.D
Acq: 6 Apr 2018 16:36

Tgt Ion:204 Resp: 310840
Ion Ratio Lower Upper
204 100
206 33.1 26.5 39.7
141 67.1 54.6 81.8

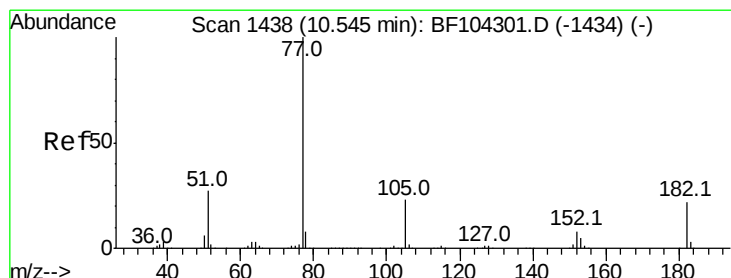
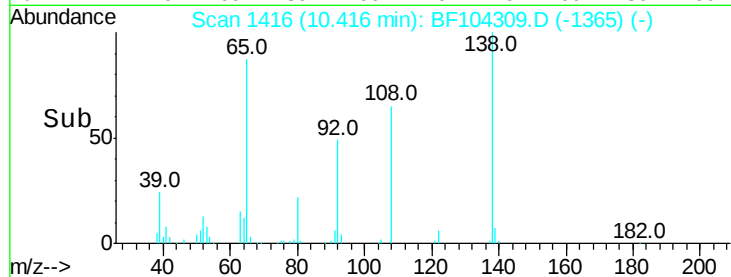
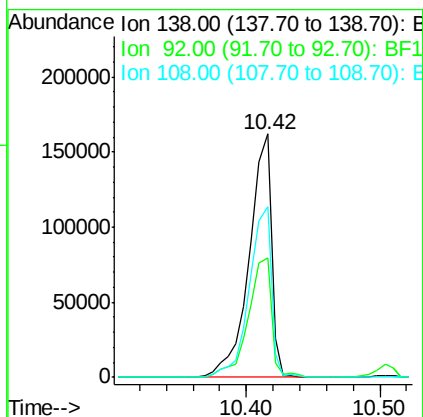
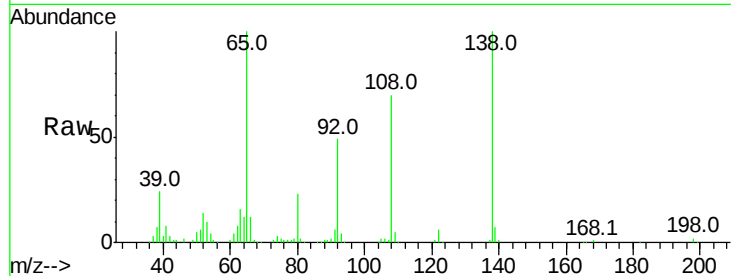




#61
4-Nitroaniline
Concen: 43.588 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.00 min
Lab File: BF104309.D
Acq: 6 Apr 2018 16:36

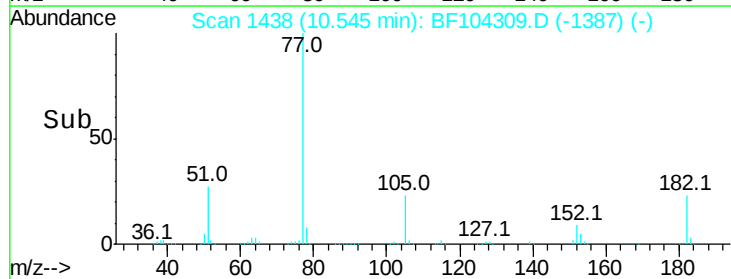
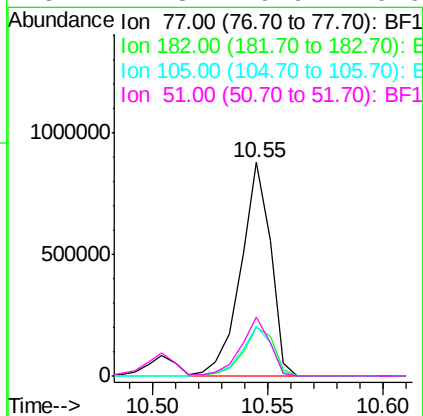
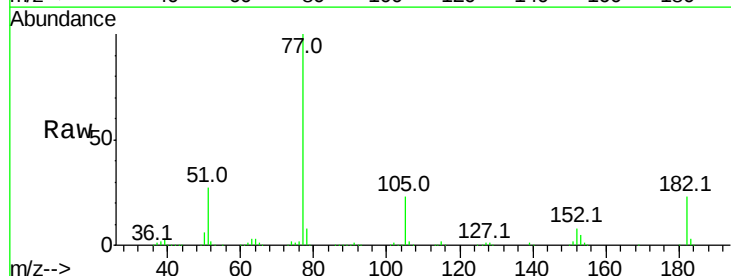
Instrument :
BNA_F
ClientSampleId :
PB108001BS

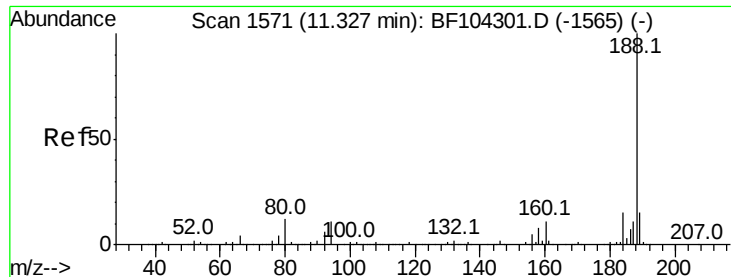
Tot Ion:138 Resp: 185483
Ion Ratio Lower Upper
138 100
92 49.0 30.2 70.2
108 69.9 52.5 92.5



#62
Azobenzene
Concen: 41.536 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF104309.D
Acq: 6 Apr 2018 16:36

Tgt Ion: 77 Resp: 794008
Ion Ratio Lower Upper
77 100
182 22.8 1.7 41.7
105 23.2 3.0 43.0
51 27.3 9.9 49.9

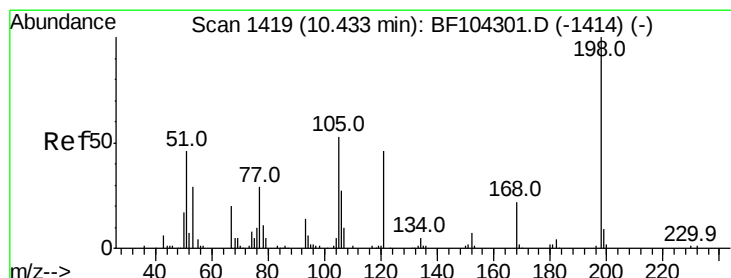
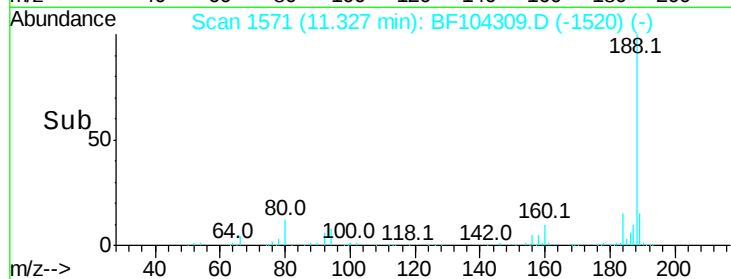
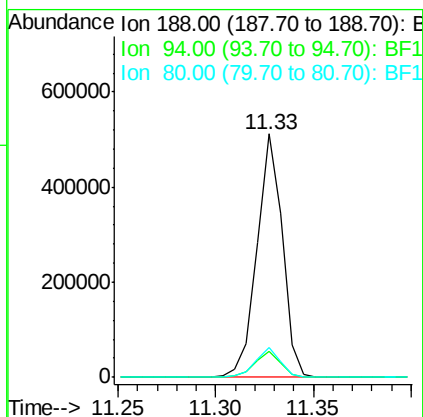
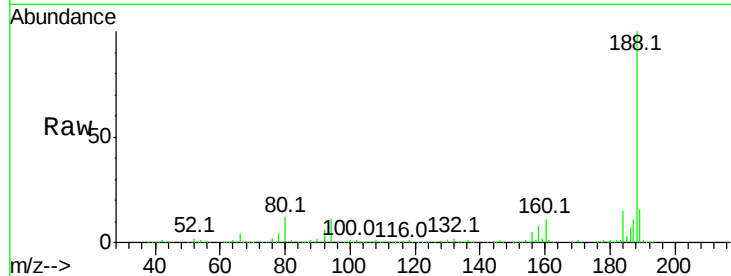




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: BF104309.D
 Acq: 6 Apr 2018 16:36

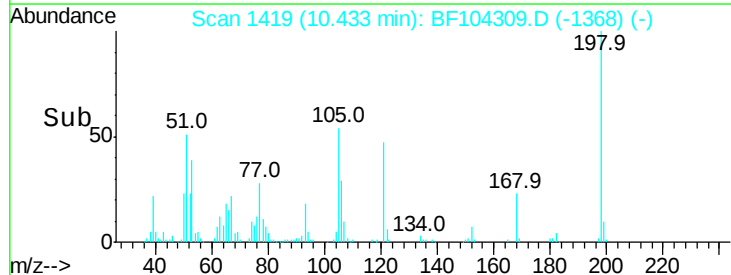
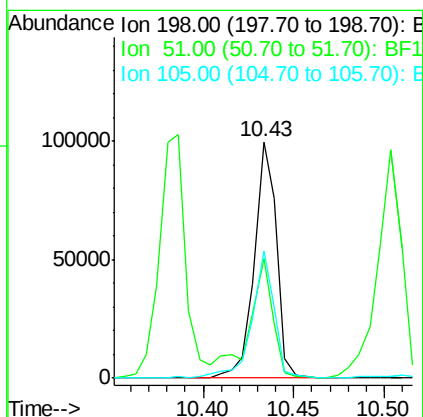
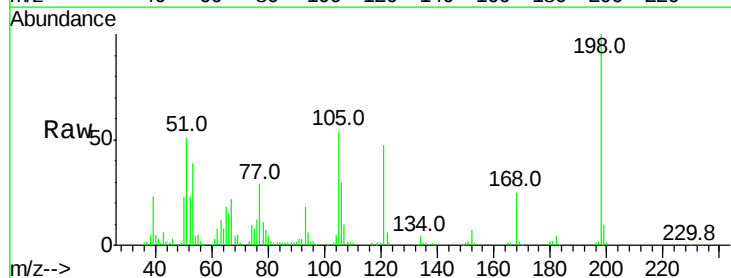
Instrument :
 BNA_F
 ClientSampleId :
 PB108001BS

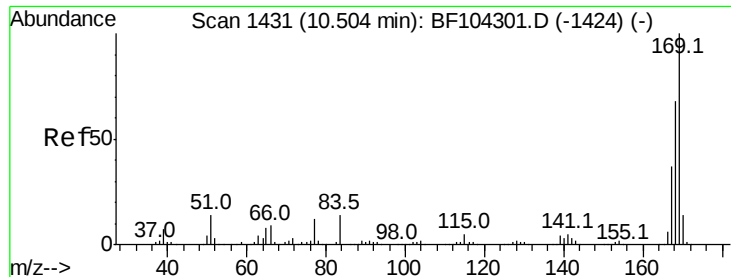
Tot Ion:188 Resp: 461270
 Ion Ratio Lower Upper
 188 100
 94 10.9 8.5 12.7
 80 12.1 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 39.379 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. 0.00 min
 Lab File: BF104309.D
 Acq: 6 Apr 2018 16:36

Tgt Ion:198 Resp: 84964
 Ion Ratio Lower Upper
 198 100
 51 50.6 37.7 77.7
 105 53.9 36.3 76.3

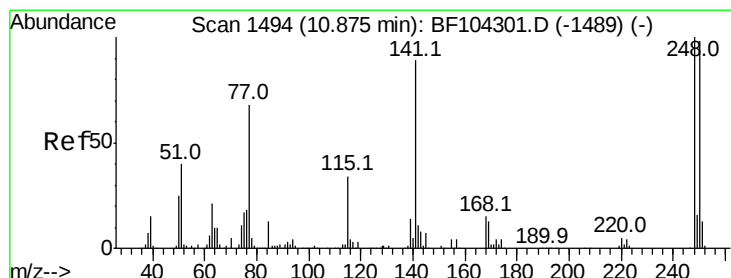
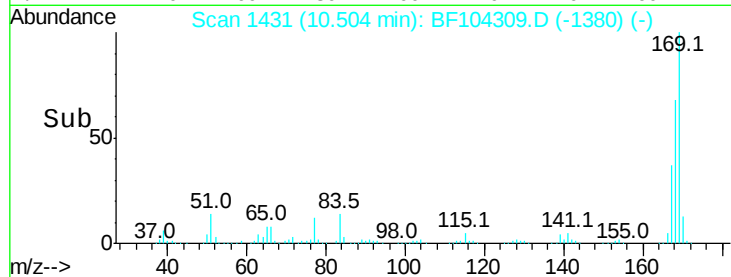
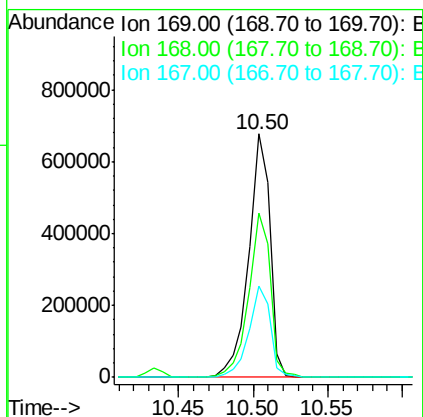
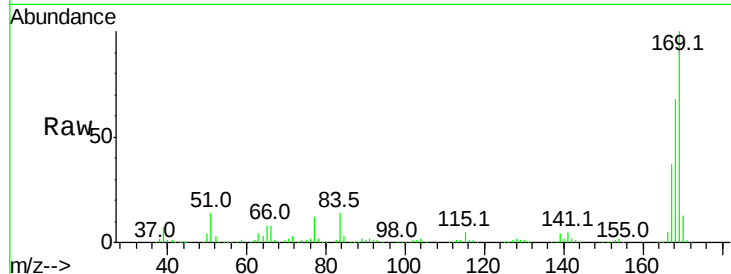




#65
 n-Nitrosodiphenylamine
 Concen: 41.663 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.00 min
 Lab File: BF104309.D
 Acq: 6 Apr 2018 16:36

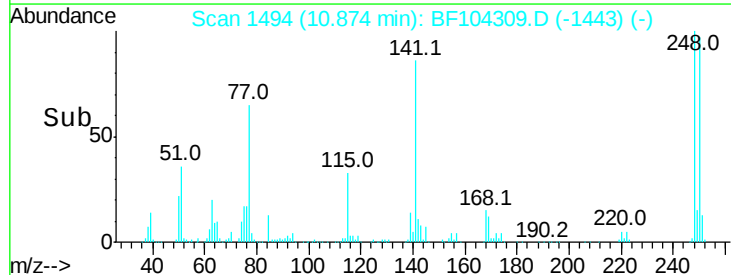
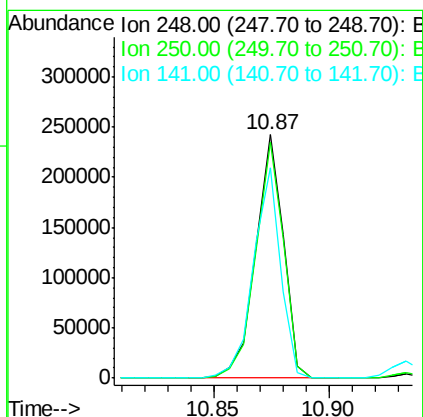
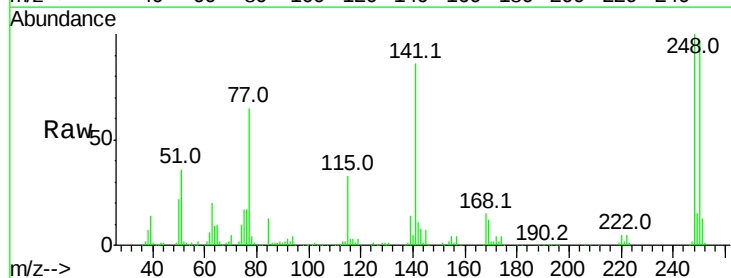
Instrument :
 BNA_F
 ClientSampleId :
 PB108001BS

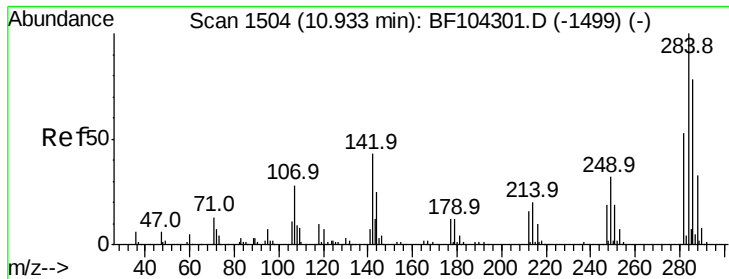
Tot Ion	Ratio	Lower	Upper
169	100		
168	67.5	54.4	81.6
167	37.4	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 41.626 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. -0.00 min
 Lab File: BF104309.D
 Acq: 6 Apr 2018 16:36

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.0	76.9	115.3
141	86.3	74.4	111.6





#67

Hexachlorobenzene

Concen: 41.023 ng

RT: 10.93 min Scan# 1504

Delta R.T. -0.00 min

Lab File: BF104309.D

Acq: 6 Apr 2018 16:36

Instrument :

BNA_F

ClientSampleId :

PB108001BS

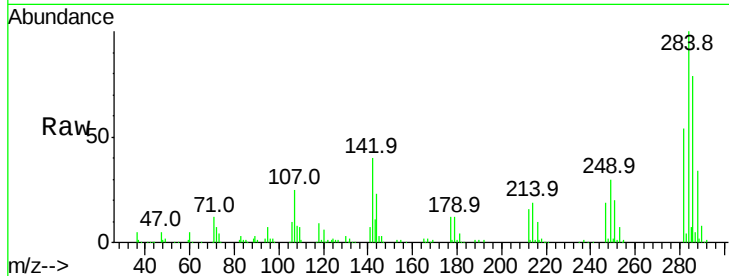
Tot Ion:284 Resp: 226477

Ion Ratio Lower Upper

284 100

142 40.1 34.6 52.0

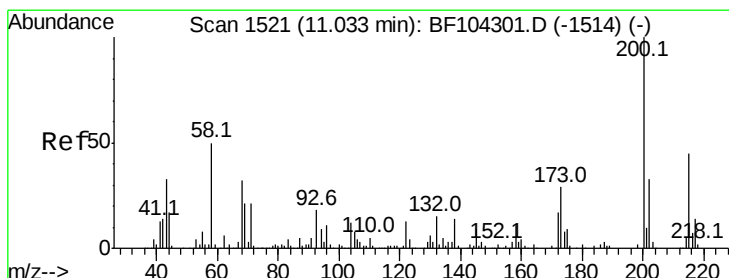
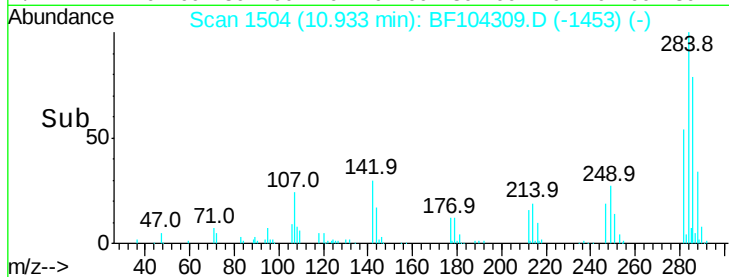
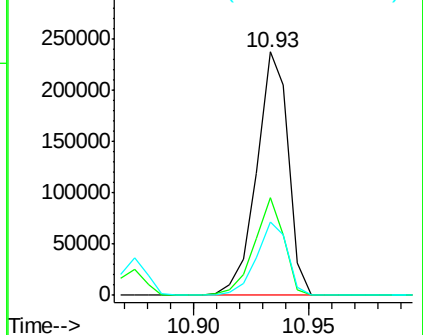
249 29.9 24.8 37.2



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: 44.974 ng

RT: 11.03 min Scan# 1521

Delta R.T. -0.00 min

Lab File: BF104309.D

Acq: 6 Apr 2018 16:36

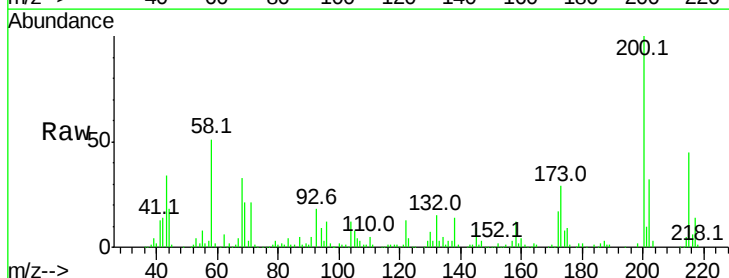
Tgt Ion:200 Resp: 217113

Ion Ratio Lower Upper

200 100

173 28.7 8.6 48.6

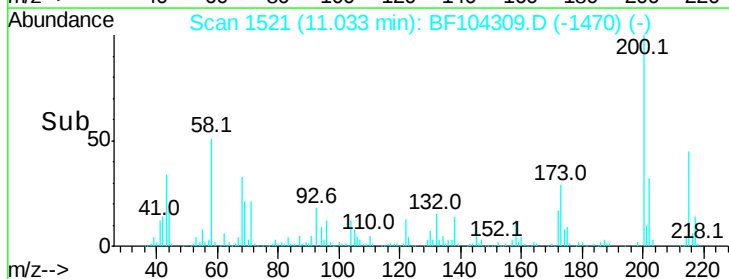
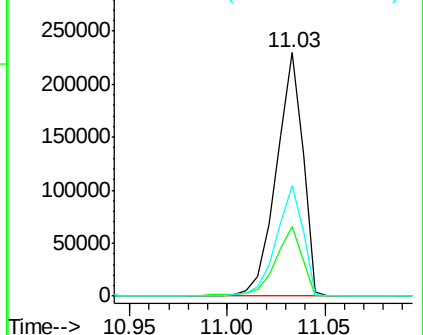
215 45.3 25.1 65.1

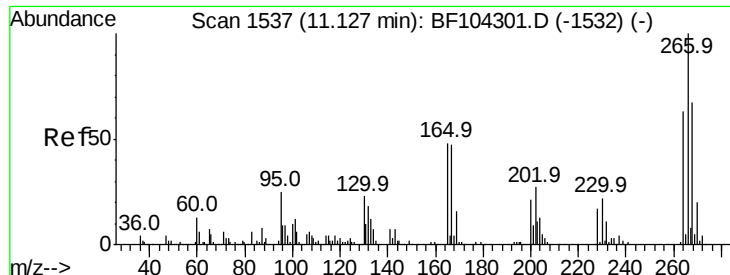


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

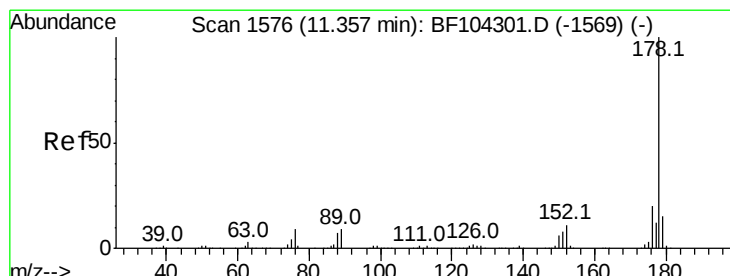
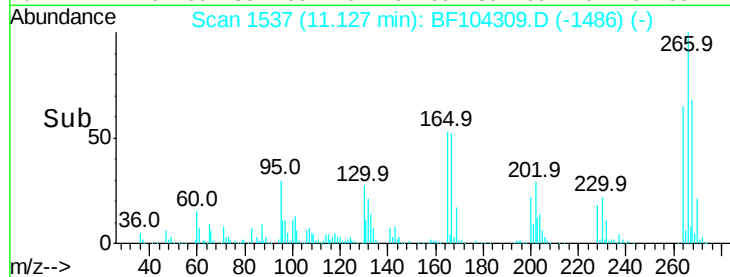
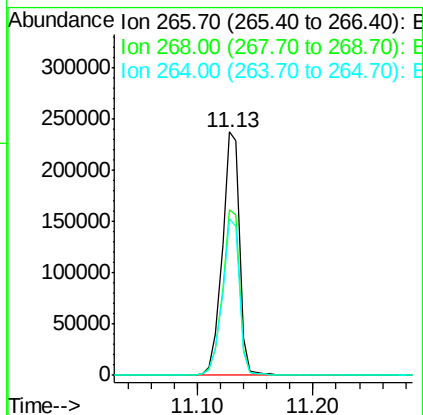
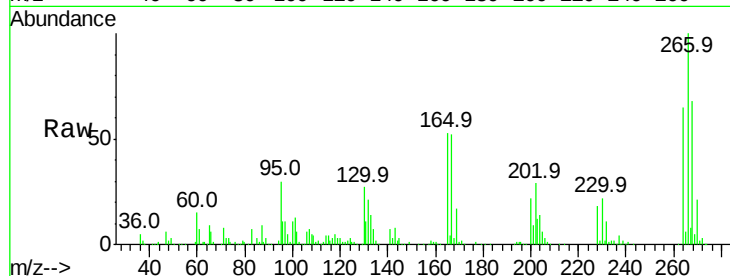




#69
 Pentachlorophenol
 Concen: 72.166 ng
 RT: 11.13 min Scan# 1537
 Delta R.T. -0.00 min
 Lab File: BF104309.D
 Acq: 6 Apr 2018 16:36

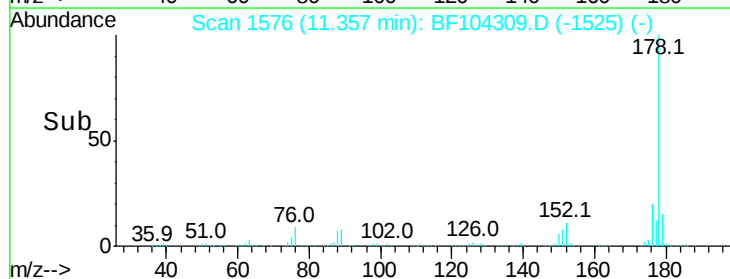
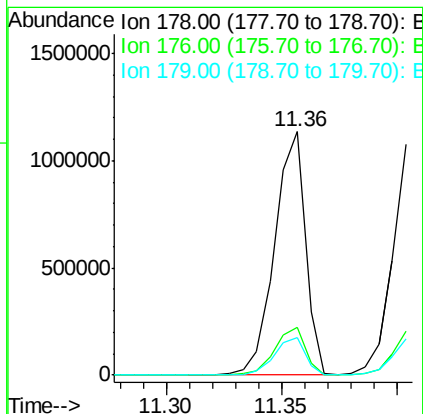
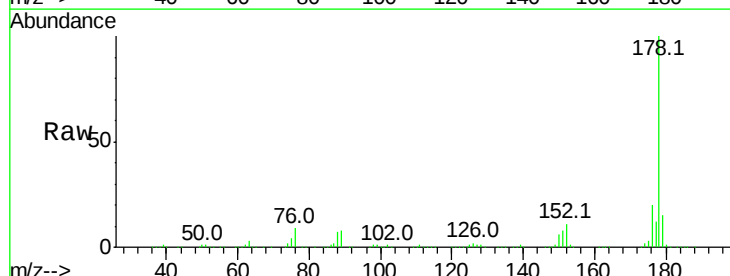
Instrument :
 BNA_F
 ClientSampleId :
 PB108001BS

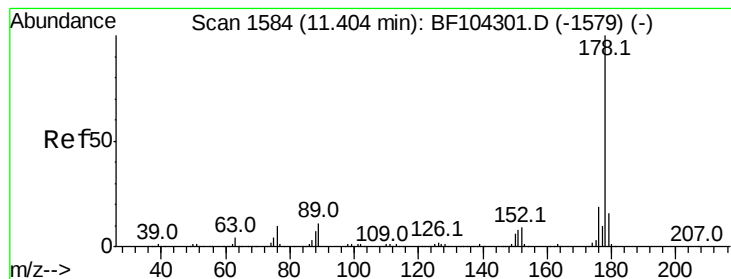
Tot Ion:266 Resp: 246477
 Ion Ratio Lower Upper
 266 100
 268 67.8 51.1 76.7
 264 64.6 49.5 74.3



#70
 Phenanthrene
 Concen: 41.042 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.00 min
 Lab File: BF104309.D
 Acq: 6 Apr 2018 16:36

Tgt Ion:178 Resp: 1054282
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.8 23.8
 179 15.5 13.0 19.6





#71

Anthracene

Concen: 41.581 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.01 min

Lab File: BF104309.D

Acq: 6 Apr 2018 16:36

Instrument :

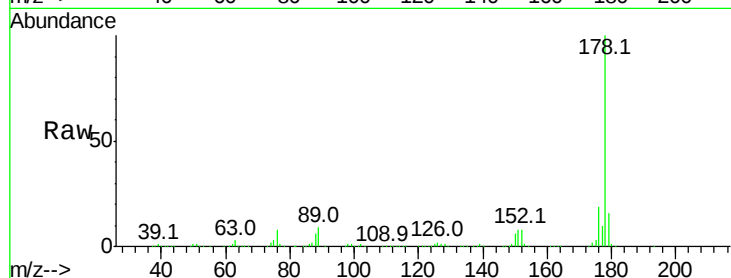
BNA_F

ClientSampleId :

PB108001BS

Tot Ion:178 Resp: 1085770

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.5	12.6	19.0

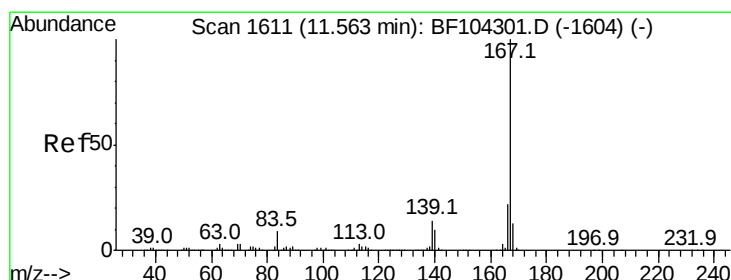
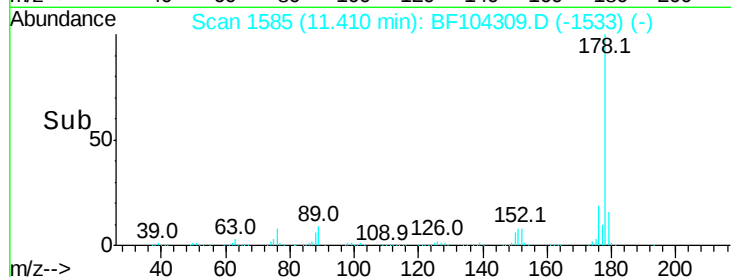
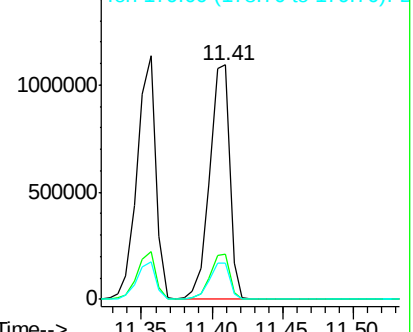


Abundance

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: 39.506 ng

RT: 11.56 min Scan# 1611

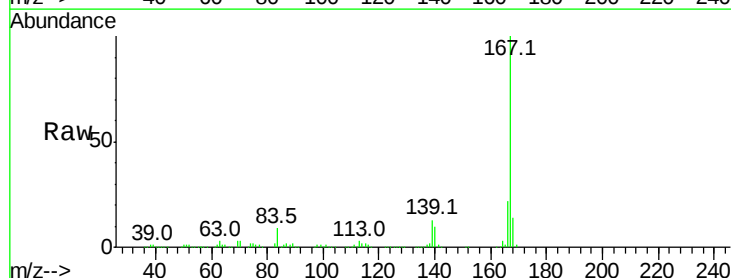
Delta R.T. -0.00 min

Lab File: BF104309.D

Acq: 6 Apr 2018 16:36

Tgt Ion:167 Resp: 1008030

Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.6	26.4
139	13.4	10.9	16.3

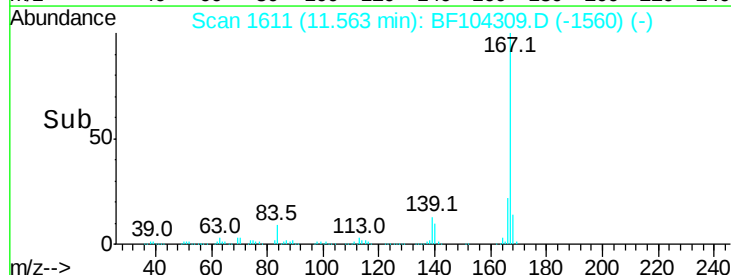
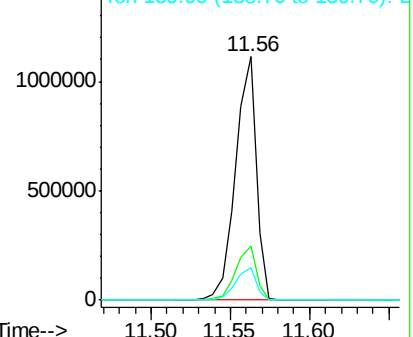


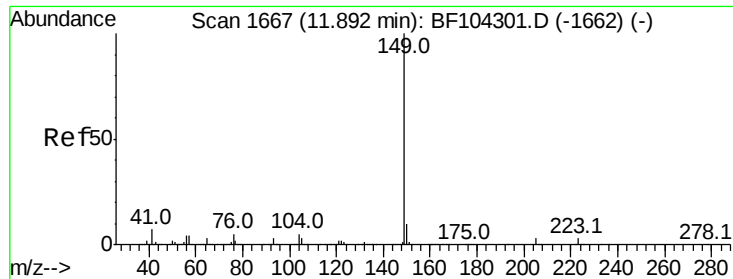
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.996 ng

RT: 11.89 min Scan# 1667

Delta R.T. -0.00 min

Lab File: BF104309.D

Acq: 6 Apr 2018 16:36

Instrument :

BNA_F

ClientSampleId :

PB108001BS

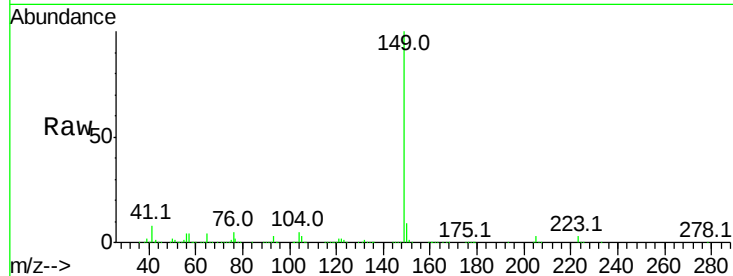
Tot Ion:149 Resp: 1246645

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

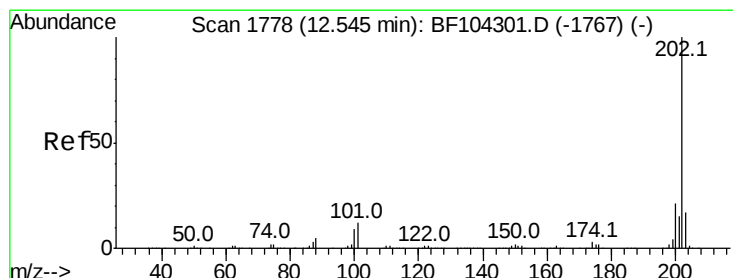
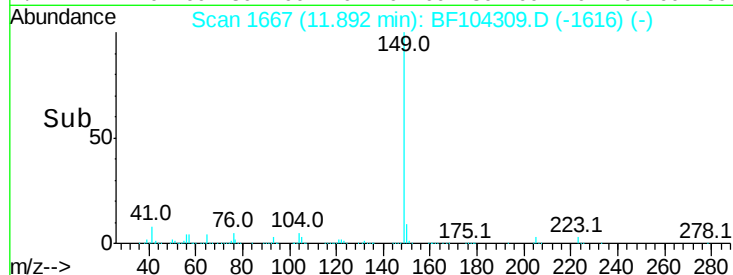
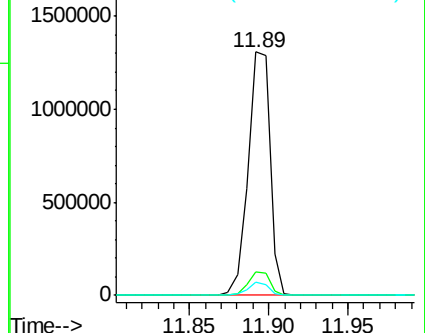
104 5.3 3.8 5.8



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: 40.566 ng

RT: 12.54 min Scan# 1778

Delta R.T. -0.00 min

Lab File: BF104309.D

Acq: 6 Apr 2018 16:36

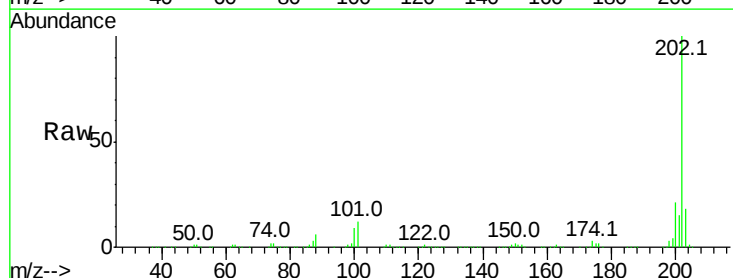
Tgt Ion:202 Resp: 1088753

Ion Ratio Lower Upper

202 100

101 11.9 0.0 34.1

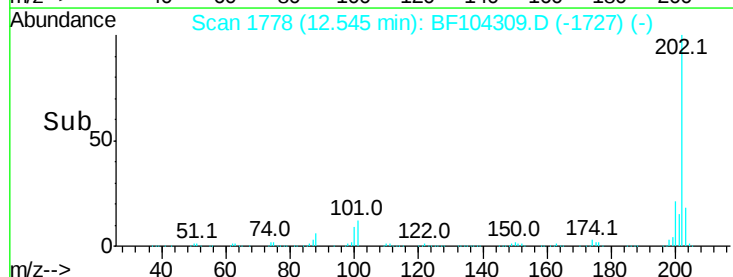
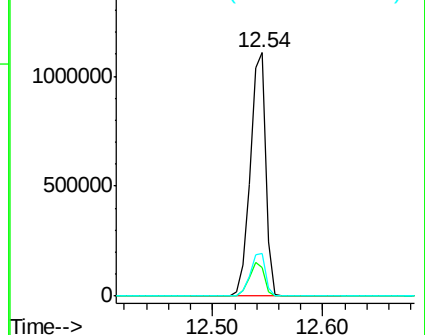
203 17.6 0.0 38.1

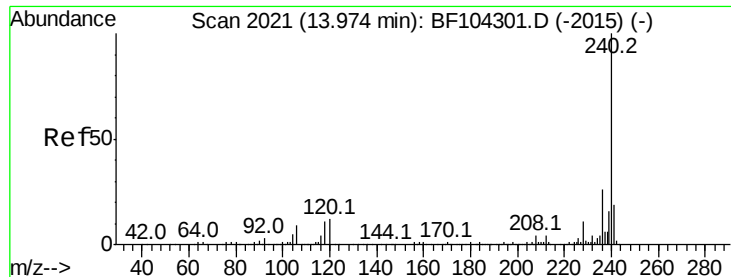


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.00 min

Lab File: BF104309.D

Acq: 6 Apr 2018 16:36

Instrument :

BNA_F

ClientSampleId :

PB108001BS

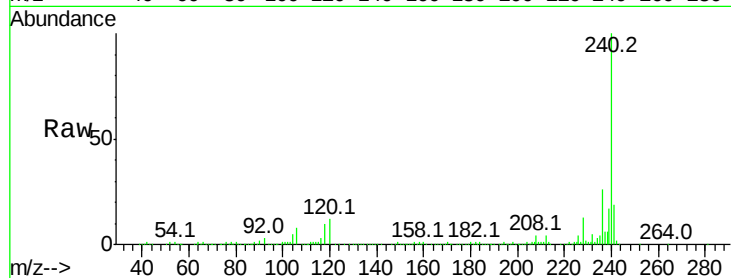
Tot Ion:240 Resp: 322341

Ion Ratio Lower Upper

240 100

120 12.0 9.5 14.3

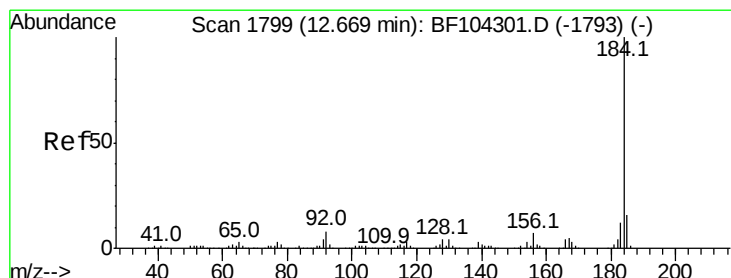
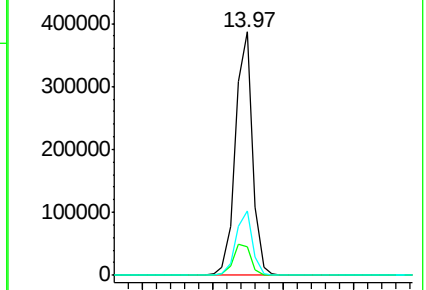
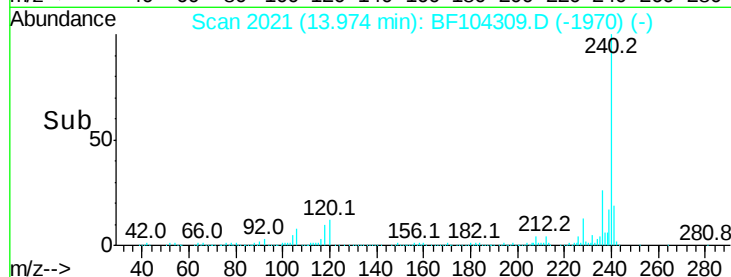
236 26.2 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 26.965 ng

RT: 12.66 min Scan# 1798

Delta R.T. -0.01 min

Lab File: BF104309.D

Acq: 6 Apr 2018 16:36

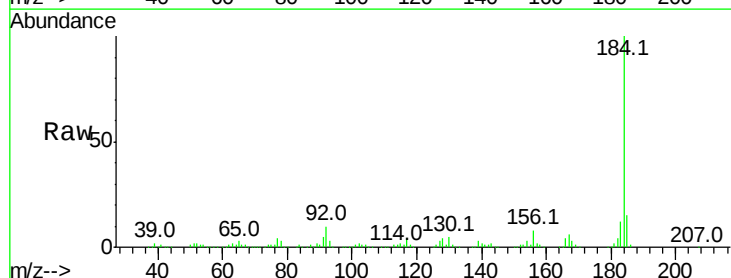
Tgt Ion:184 Resp: 326407

Ion Ratio Lower Upper

184 100

185 15.5 12.6 18.8

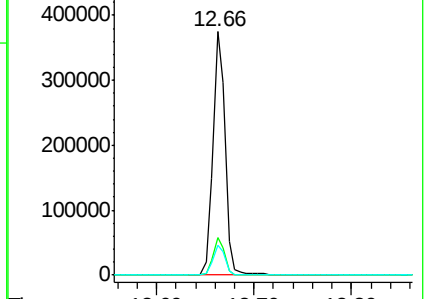
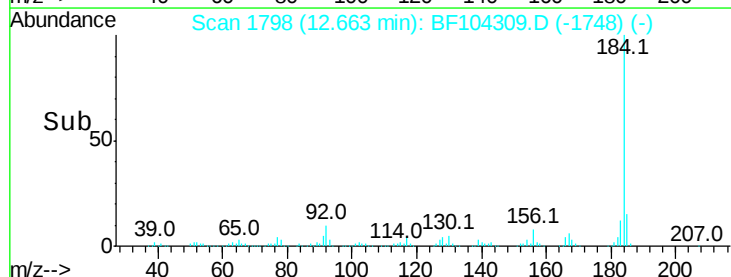
183 12.2 9.3 13.9

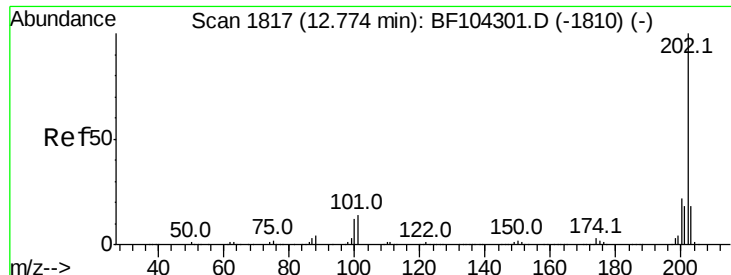


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

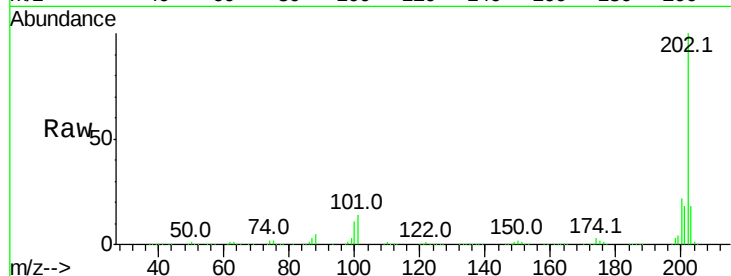




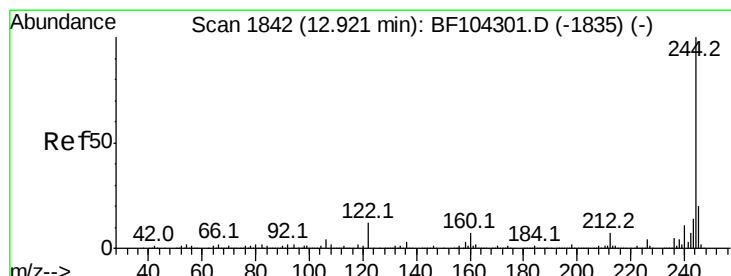
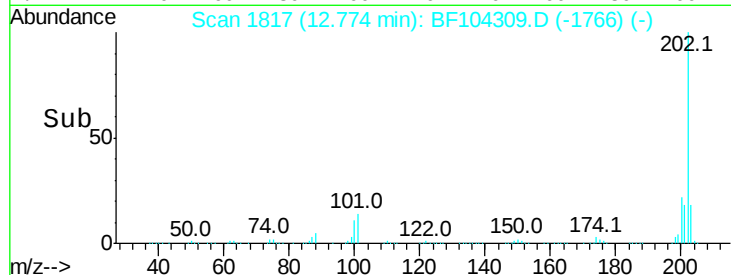
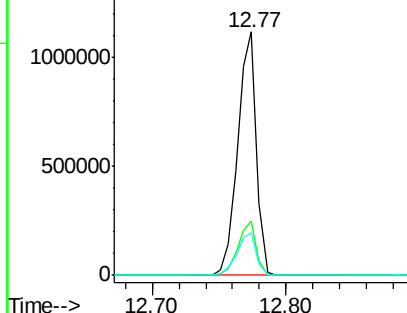
#77
Pvrene
Concen: 45.649 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.00 min
Lab File: BF104309.D
Acq: 6 Apr 2018 16:36

Instrument :
BNA_F
ClientSampled :
PB108001BS

Tot Ion:202 Resp: 1090699
Ion Ratio Lower Upper
202 100
200 22.1 17.4 26.2
203 17.6 14.3 21.5

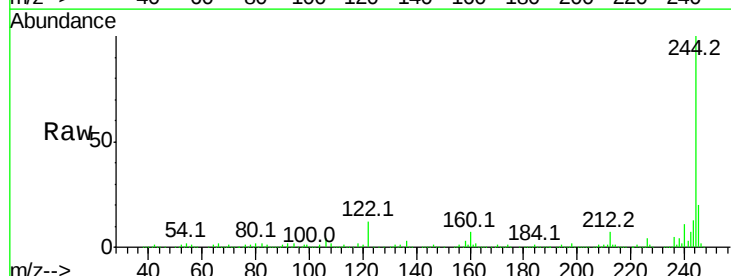


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

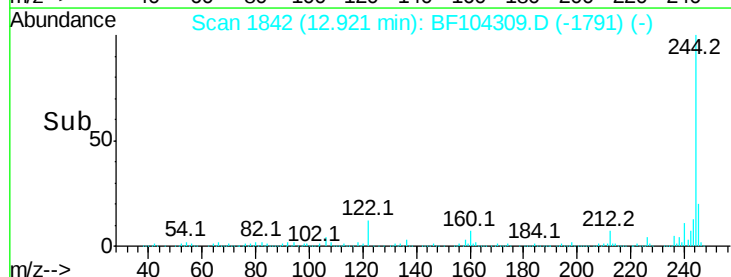
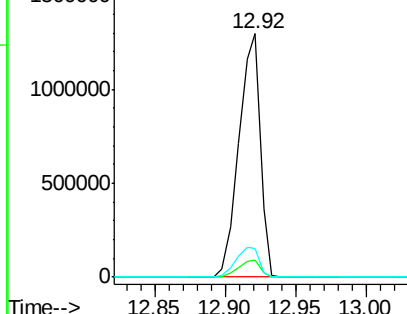


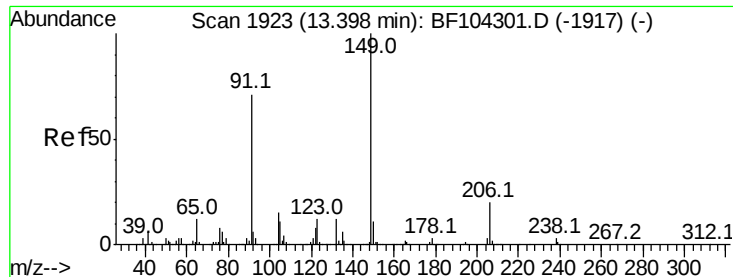
#78
Terphenyl-d14
Concen: 96.414 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BF104309.D
Acq: 6 Apr 2018 16:36

Tgt Ion:244 Resp: 1363183
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.0
122 11.9 11.0 16.4



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

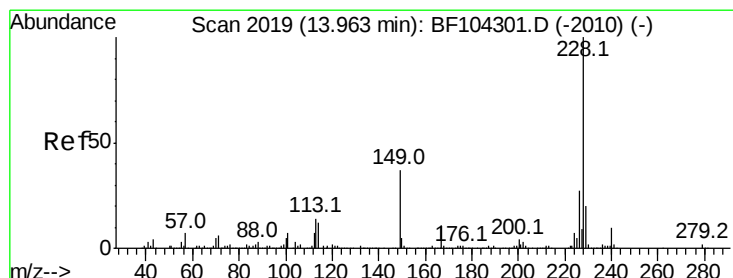
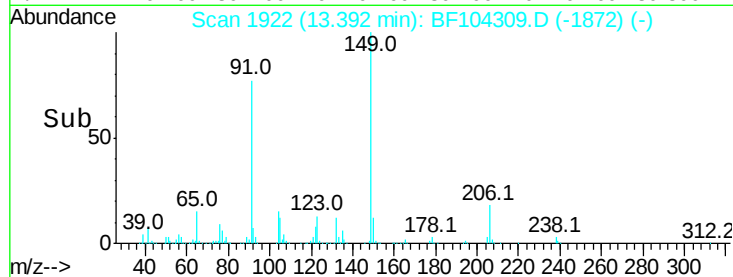
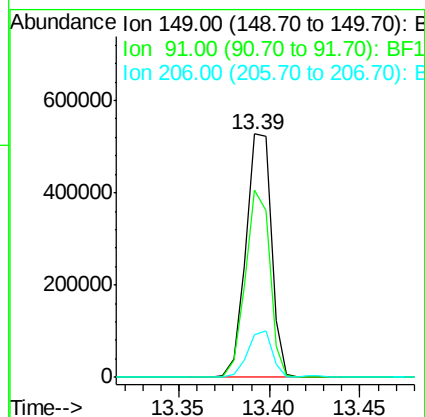
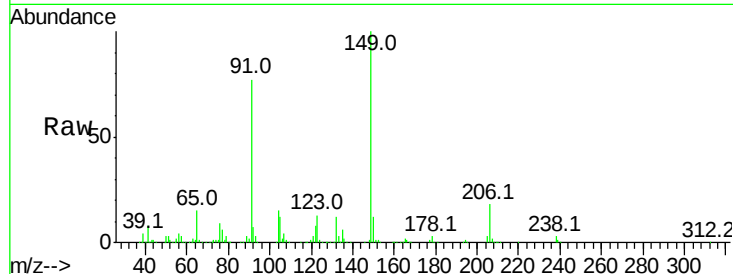




#79
Butylbenzylphthalate
Concen: 45.830 ng
RT: 13.39 min Scan# 1922
Delta R.T. -0.01 min
Lab File: BF104309.D
Acq: 6 Apr 2018 16:36

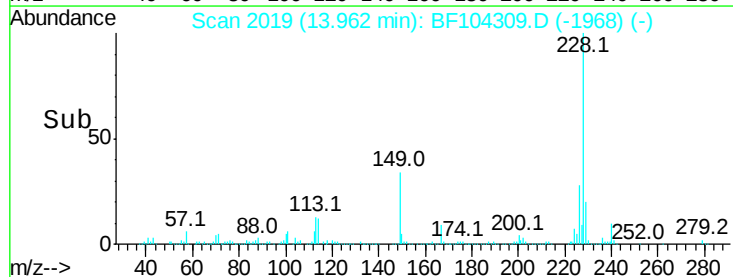
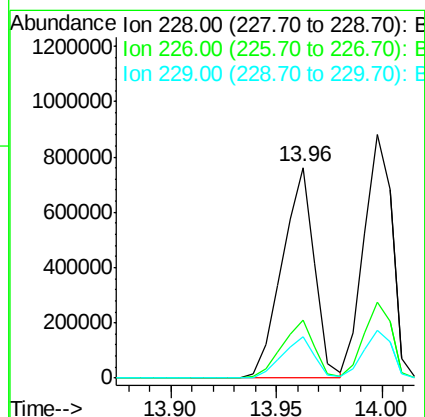
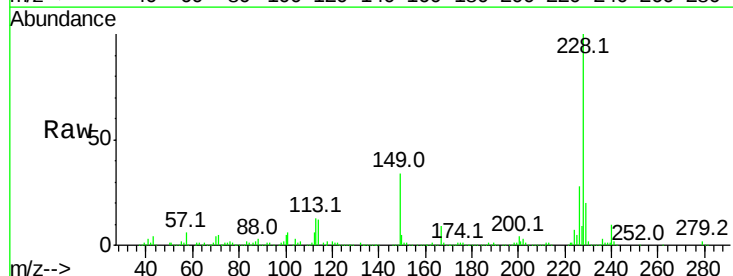
Instrument :
BNA_F
ClientSampleId :
PB108001BS

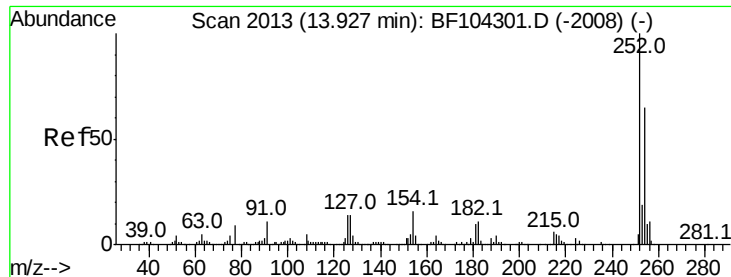
Tot Ion:149 Resp: 515875
Ion Ratio Lower Upper
149 100
91 76.8 56.8 85.2
206 17.7 14.1 21.1



#80
Benzo(a)anthracene
Concen: 42.088 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BF104309.D
Acq: 6 Apr 2018 16:36

Tgt Ion:228 Resp: 810490
Ion Ratio Lower Upper
228 100
226 27.7 22.6 33.8
229 19.9 15.8 23.6





#81

3,3'-Dichlorobenzidine

Concen: 23.877 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.00 min

Lab File: BF104309.D

Acq: 6 Apr 2018 16:36

Instrument :

BNA_F

ClientSampleId :

PB108001BS

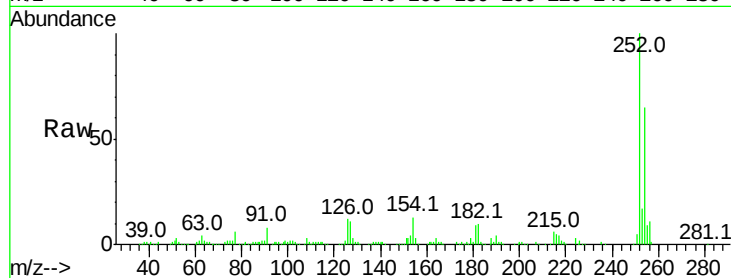
Tot Ion:252 Resp: 171439

Ion Ratio Lower Upper

252 100

254 64.9 50.4 75.6

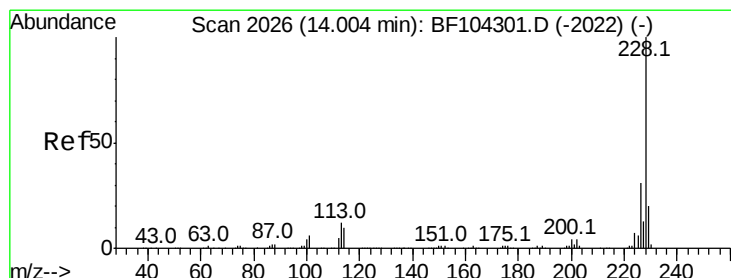
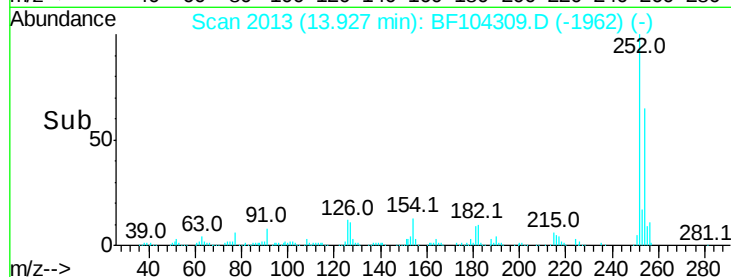
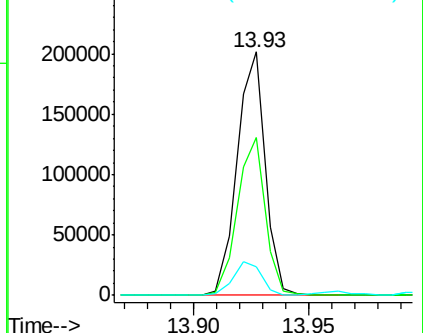
126 11.9 11.3 16.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 41.863 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF104309.D

Acq: 6 Apr 2018 16:36

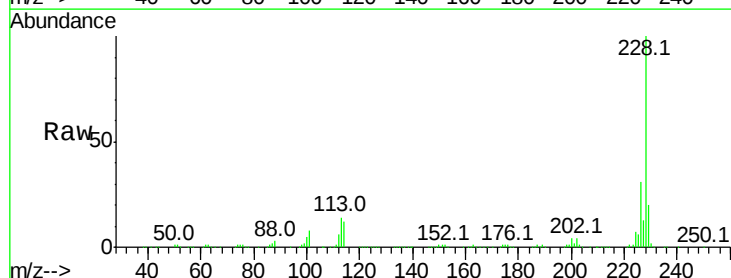
Tgt Ion:228 Resp: 828037

Ion Ratio Lower Upper

228 100

226 31.0 25.0 37.6

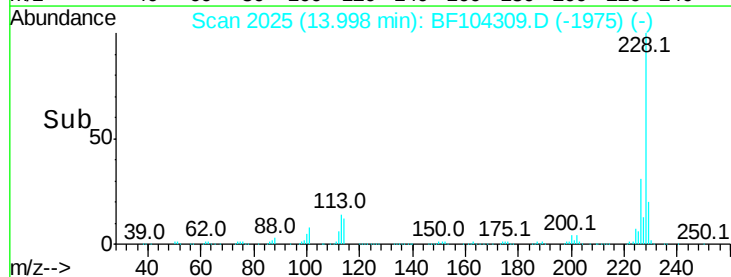
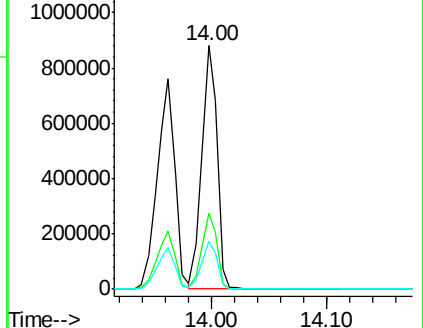
229 19.8 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.058 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.00 min

Lab File: BF104309.D

Acq: 6 Apr 2018 16:36

Instrument :

BNA_F

ClientSampleId :

PB108001BS

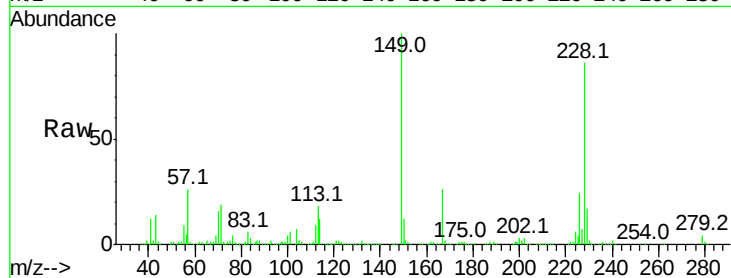
Tot Ion:149 Resp: 637899

Ion Ratio Lower Upper

149 100

167 26.3 21.3 31.9

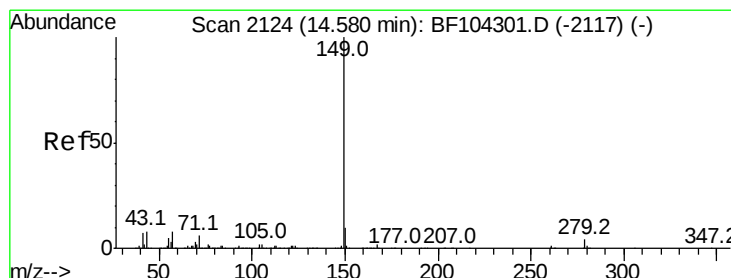
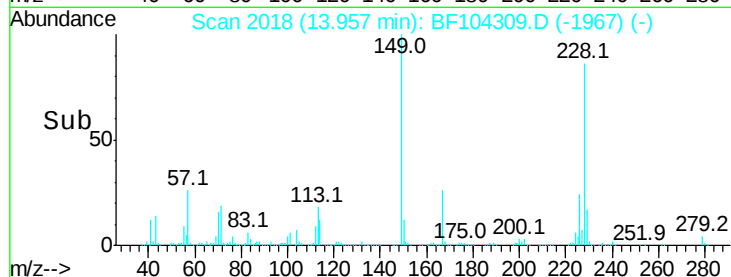
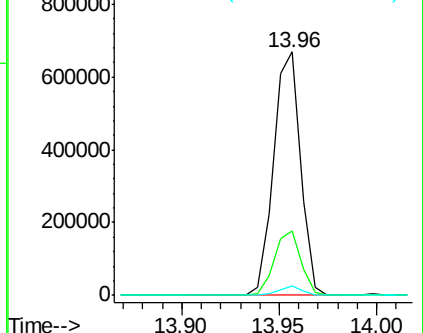
279 3.6 3.0 4.4



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: 43.652 ng

RT: 14.57 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BF104309.D

Acq: 6 Apr 2018 16:36

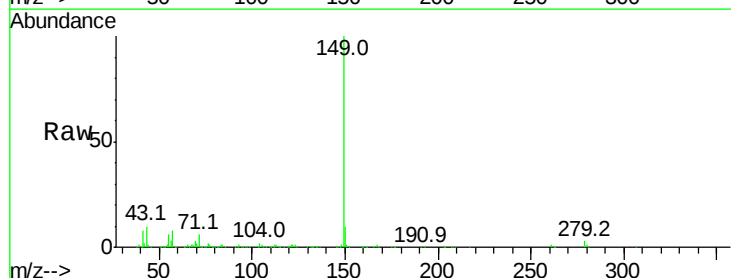
Tgt Ion:149 Resp: 1056050

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

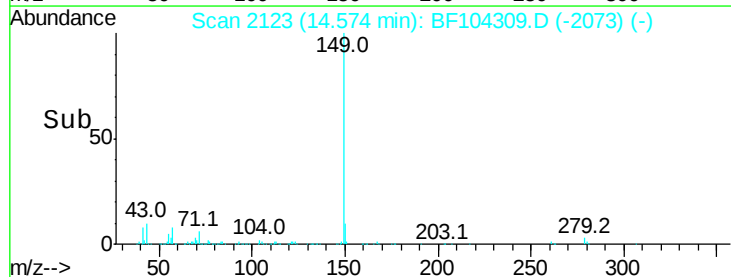
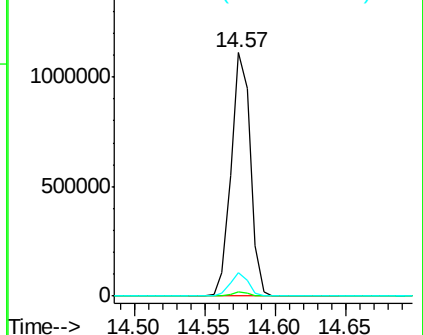
43 9.1 8.4 12.6

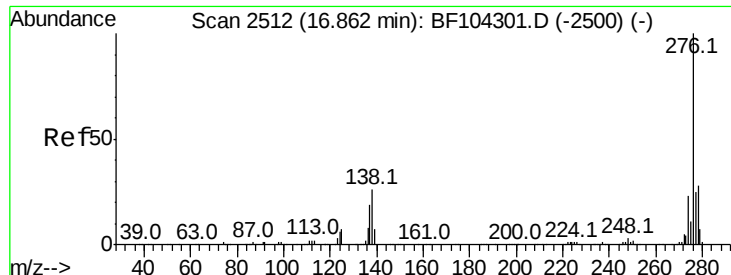


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

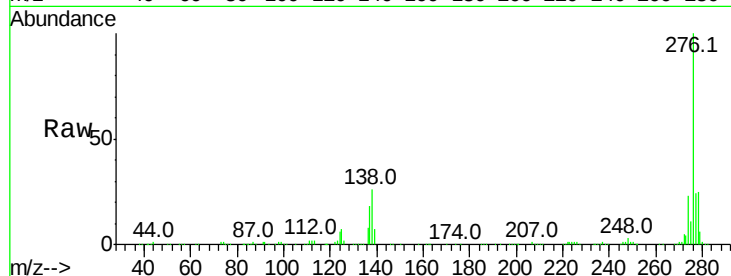




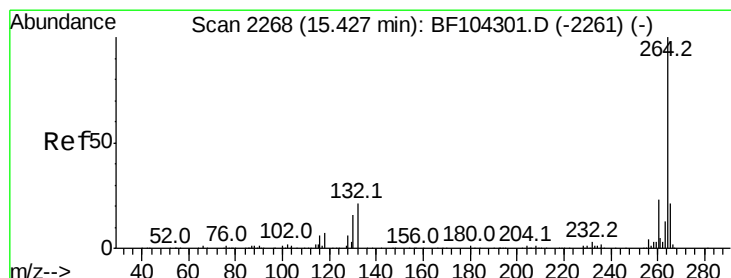
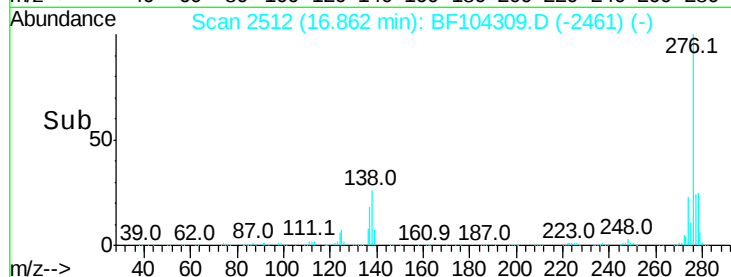
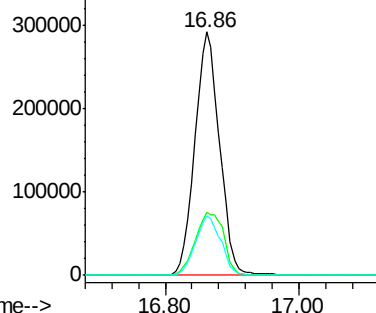
#85
Indeno(1,2,3-cd)pyrene
Concen: 45.300 ng
RT: 16.86 min Scan# 2512
Delta R.T. -0.00 min
Lab File: BF104309.D
Acq: 6 Apr 2018 16:36

Instrument :
BNA_F
ClientSampleId :
PB108001BS

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

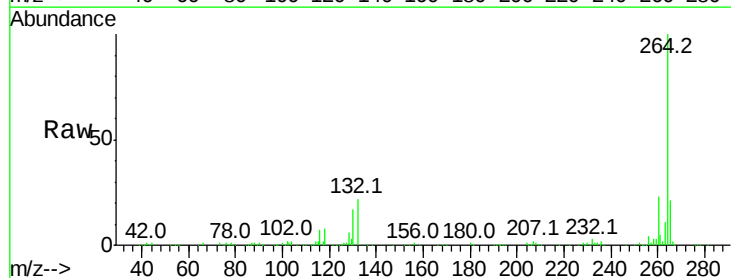


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

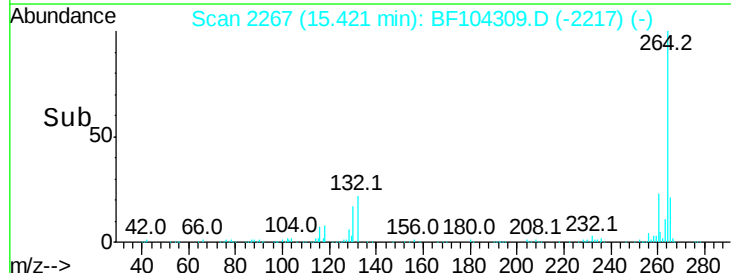
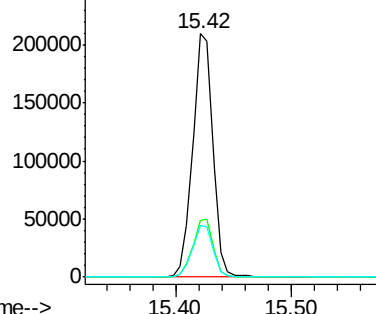


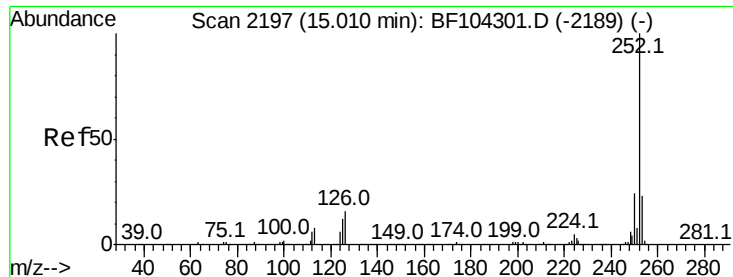
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.01 min
Lab File: BF104309.D
Acq: 6 Apr 2018 16:36

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.2	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 39.059 ng

RT: 15.03 min Scan# 2201

Delta R.T. 0.02 min

Lab File: BF104309.D

Acq: 6 Apr 2018 16:36

Instrument :

BNA_F

ClientSampleId :

PB108001BS

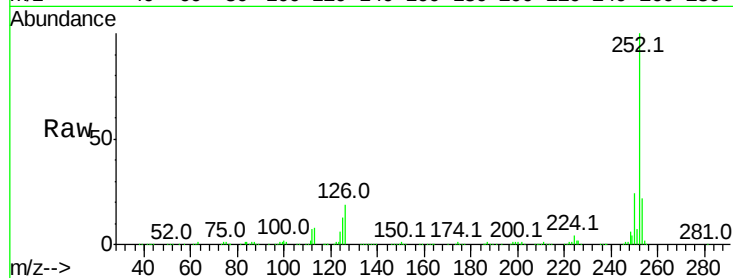
Tot Ion:252 Resp: 626106

Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.6

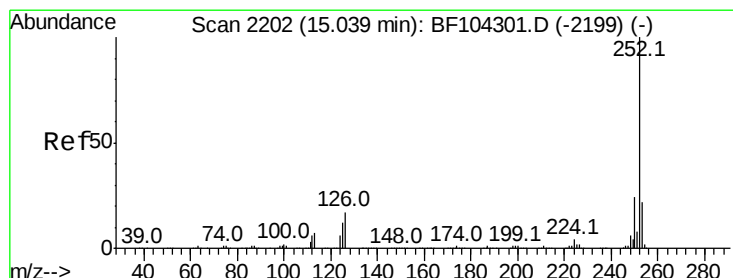
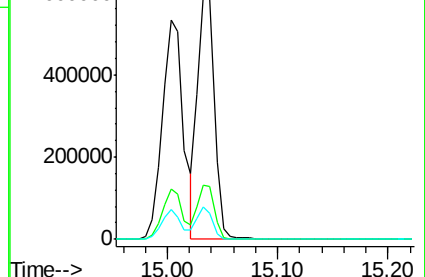
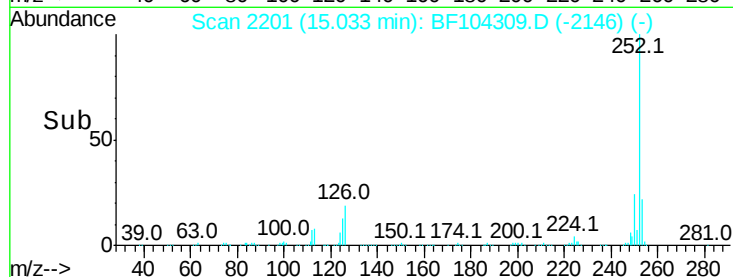
125 13.3 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 41.372 ng

RT: 15.03 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BF104309.D

Acq: 6 Apr 2018 16:36

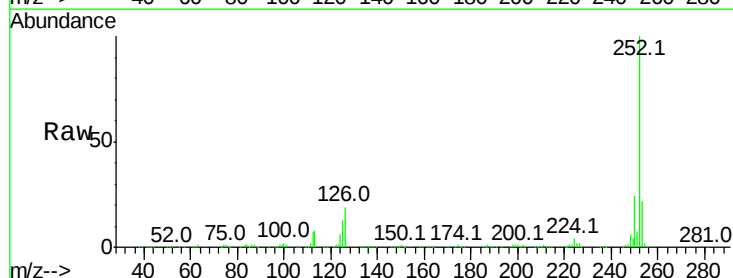
Tgt Ion:252 Resp: 626106

Ion Ratio Lower Upper

252 100

253 22.1 17.9 26.9

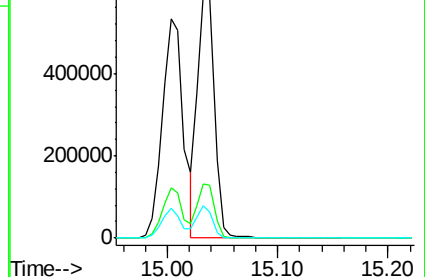
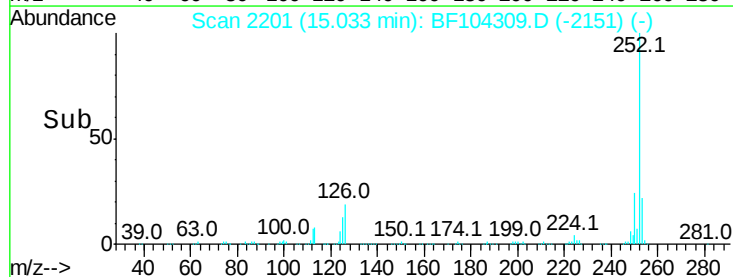
125 13.3 10.2 15.2

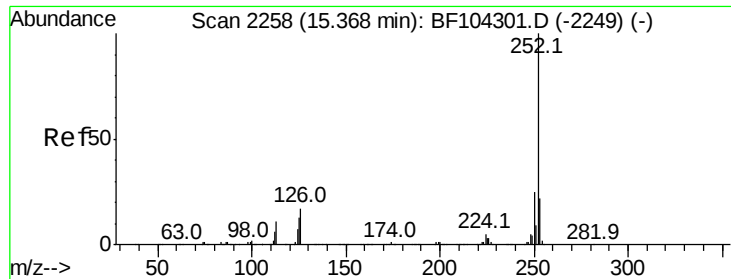


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 43.561 ng

RT: 15.36 min Scan# 2257

Delta R.T. -0.01 min

Lab File: BF104309.D

Acq: 6 Apr 2018 16:36

Instrument :

BNA_F

ClientSampleId :

PB108001BS

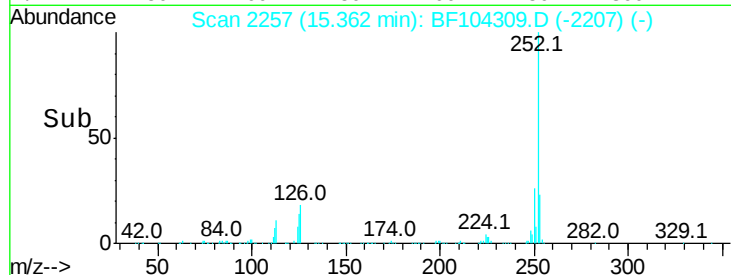
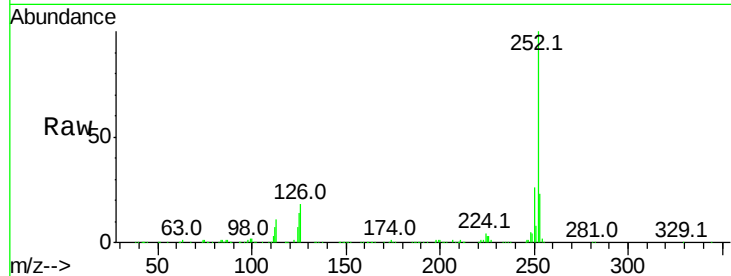
Tot Ion:252 Resp: 624777

Ion Ratio Lower Upper

252 100

253 22.6 17.1 25.7

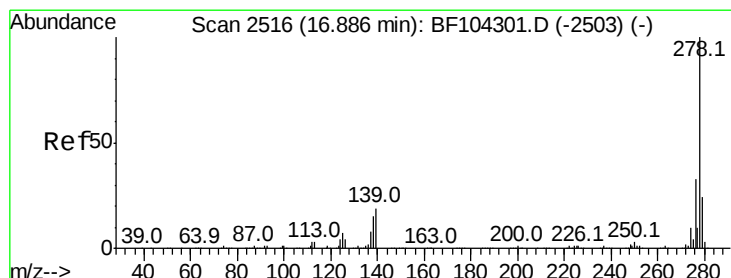
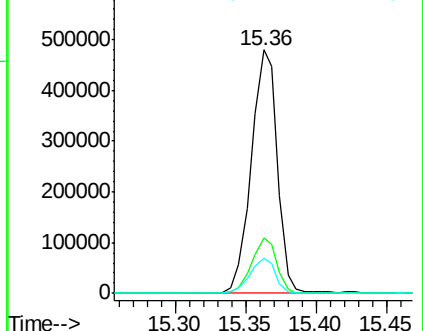
125 14.1 9.8 14.6



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: 52.570 ng

RT: 16.89 min Scan# 2516

Delta R.T. -0.00 min

Lab File: BF104309.D

Acq: 6 Apr 2018 16:36

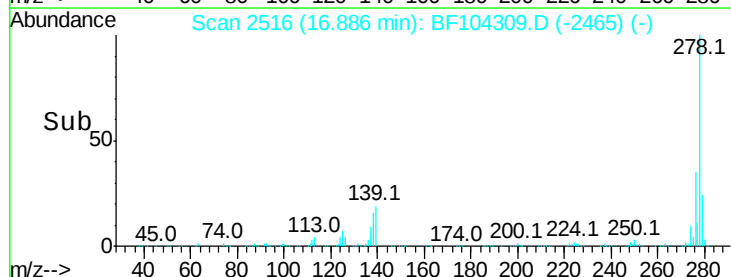
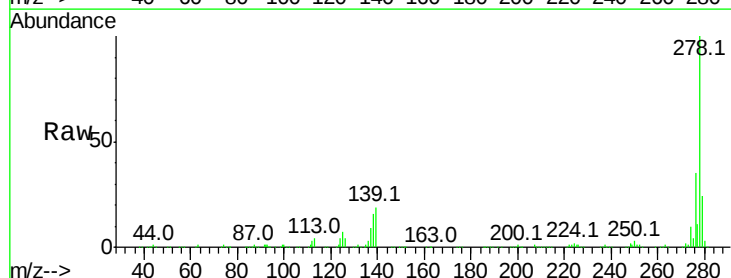
Tgt Ion:278 Resp: 619257

Ion Ratio Lower Upper

278 100

139 19.2 15.9 23.9

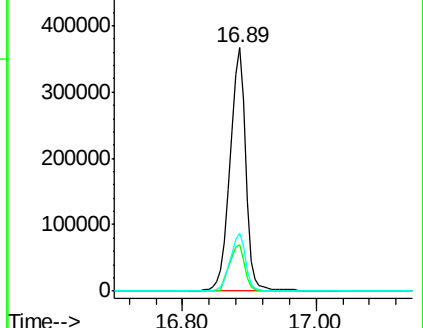
279 23.8 19.0 28.4

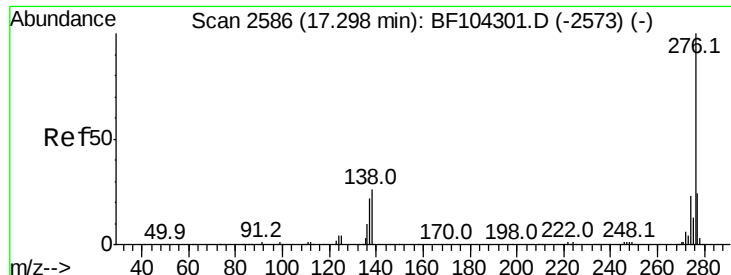


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 57.263 ng

RT: 17.30 min Scan# 2587

Delta R.T. 0.01 min

Lab File: BF104309.D

Acq: 6 Apr 2018 16:36

Instrument :

BNA_F

ClientSampleId :

PB108001BS

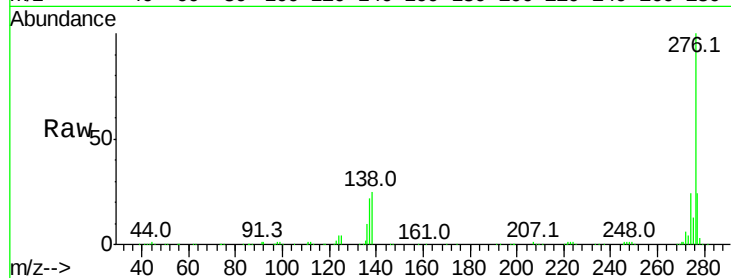
Tot Ion:276 Resp: 653509

Ion Ratio Lower Upper

276 100

277 24.1 17.9 26.9

138 25.4 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

