

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030818\
 Data File : BF103514.D
 Acq On : 8 Mar 2018 14:14
 Operator : SJ/JU
 Sample : J1779-01 2X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 08 14:43:33 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 08 14:20:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	140293	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	554931	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	202160	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	156736	20.00	ng	0.02
75) Chrysene-d12	14.07	240	209380	20.00	ng	0.00
86) Perylene-d12	15.56	264	248498	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	544015	58.65	ng	0.00
7) Phenol-d6	6.50	99	703361	61.97	ng	0.00
23) Nitrobenzene-d5	7.43	82	442644	45.55	ng	-0.01
41) 2,4,6-Tribromophenol	10.72	330	71633	41.86	ng	0.01
44) 2-Fluorobiphenyl	9.22	172	643549	49.36	ng	0.00
78) Terphenyl-d14	13.00	244	287357	32.99	ng	0.02

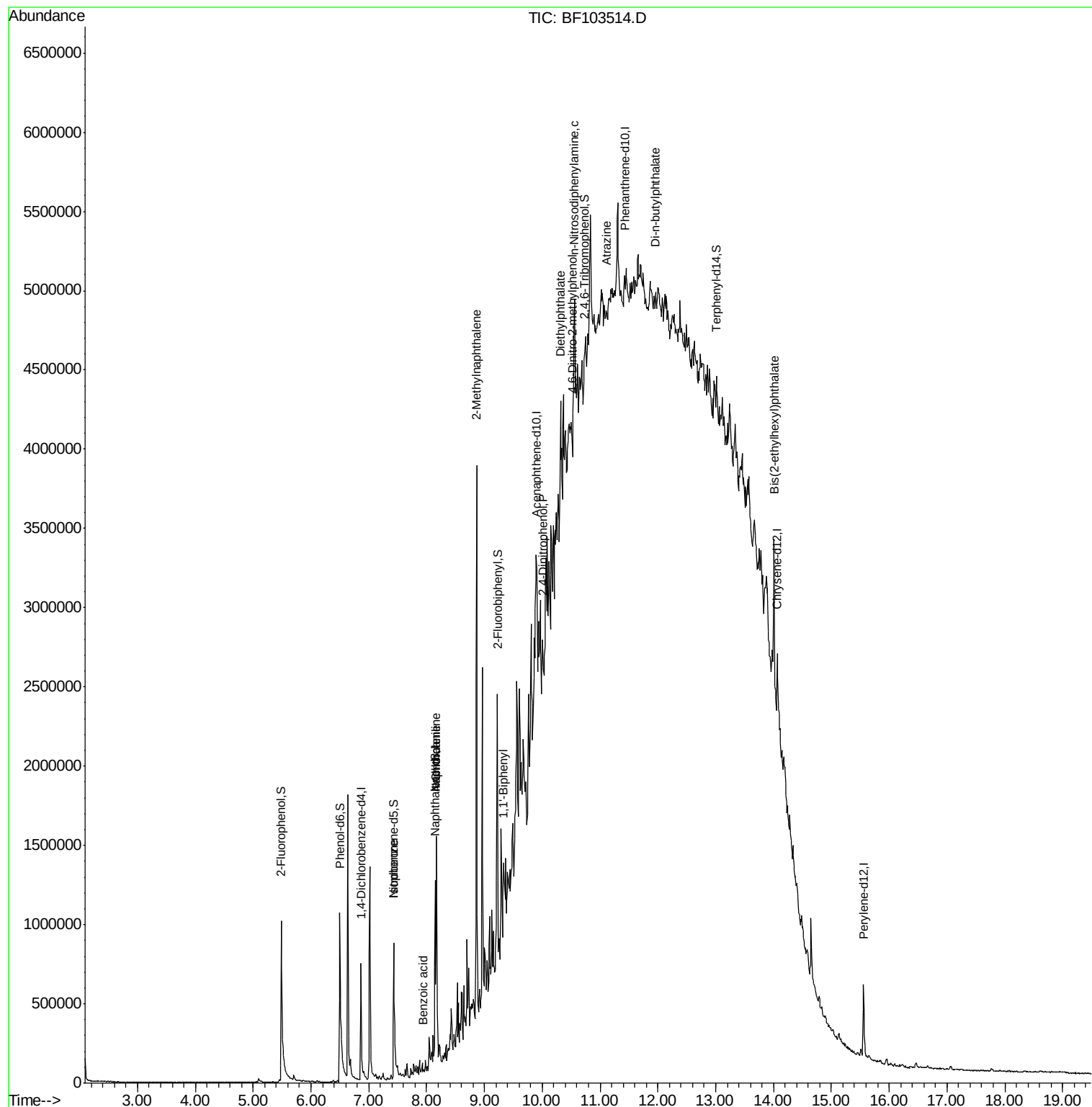
Target Compounds				Qvalue		
9) Benzaldehyde	6.46	77	844	Below Cal	#	1
25) Isophorone	7.43	82	439776	22.979	ng	# 65
31) Naphthalene	8.17	128	695646	25.605	ng	100
32) Benzoic acid	7.95	122	277	6.955	ng	# 1
33) 4-Chloroaniline	8.17	127	93373	7.964	ng	# 34
37) 2-Methylnaphthalene	8.86	142	1134146	64.593	ng	99
45) 1,1'-Biphenyl	9.33	154	49258	2.908	ng	99
53) 2,4-Dinitrophenol	10.00	184	107	9.698	ng	# 1
59) Diethylphthalate	10.32	149	147943	9.538	ng	# 90
64) 4,6-Dinitro-2-methylphenol	10.52	198	1597	6.447	ng	# 1
65) n-Nitrosodiphenylamine	10.56	169	14745	2.702	ng	# 92
68) Atrazine	11.10	200	6426	3.918	ng	# 1
73) Di-n-butylphthalate	11.97	149	238566	21.645	ng	# 94
83) Bis(2-ethylhexyl)phthalate	14.01	149	312266	26.829	ng	99

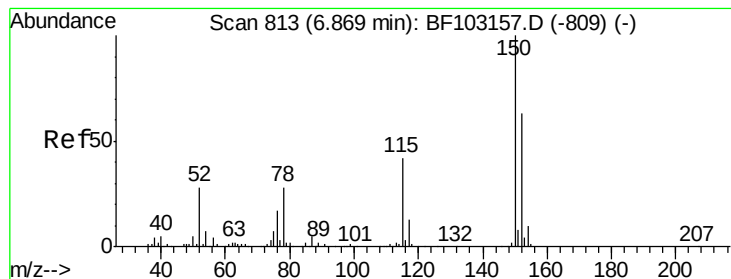
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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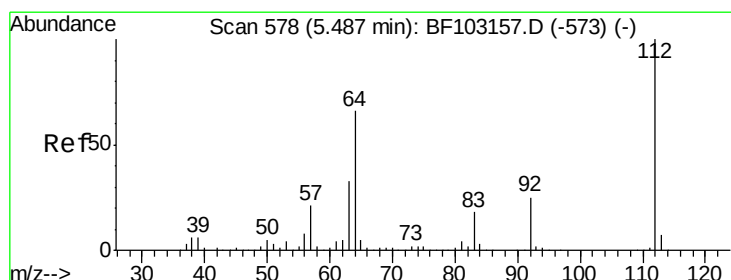
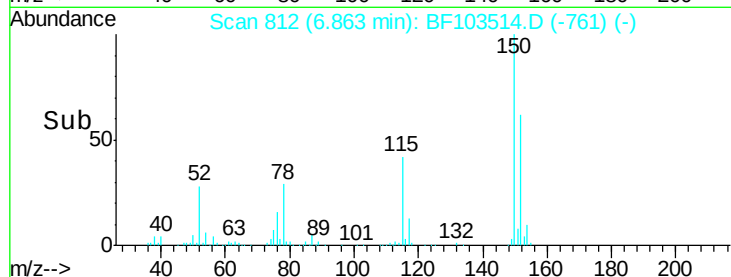
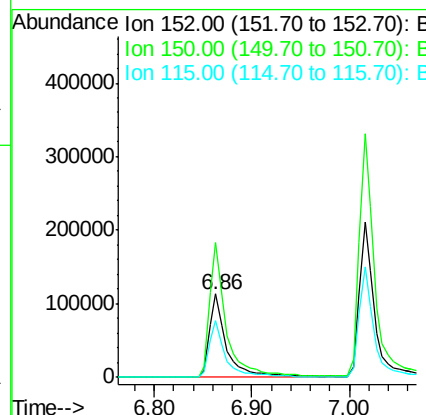
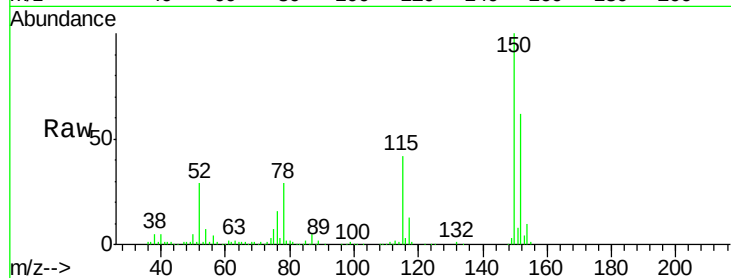


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF103514.D
Acq: 8 Mar 2018 14:14

Instrument :
BNA_F
ClientSampleId :

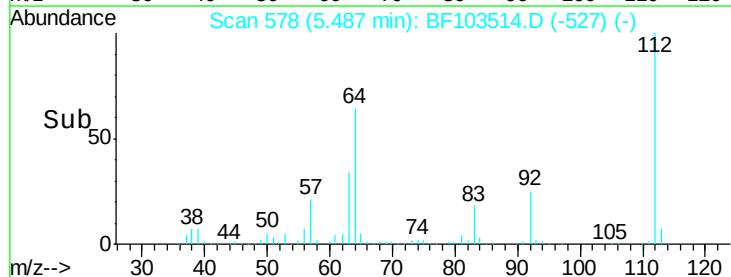
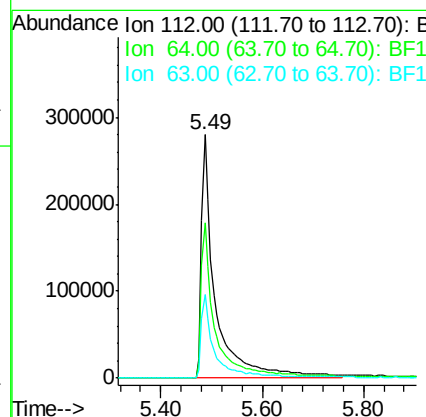
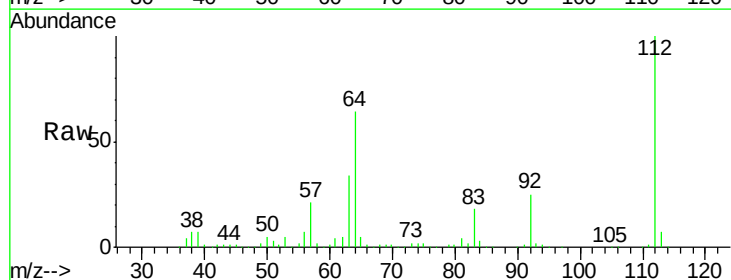
Tot Ion	Ratio	Lower	Upper
152	100		
150	161.0	124.6	186.8
115	67.8	50.1	75.1

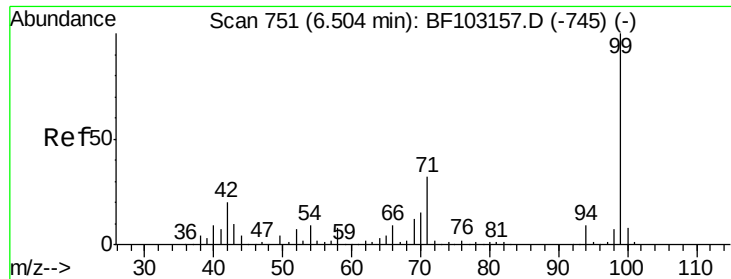


#5

2-Fluorophenol
Concen: 58.648 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.00 min
Lab File: BF103514.D
Acq: 8 Mar 2018 14:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.0	47.9	71.9
63	34.1	23.7	35.5





#7

Phenol-d6

Concen: 61.967 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF103514.D

Acq: 8 Mar 2018 14:14

Instrument :

BNA_F

ClientSampled :

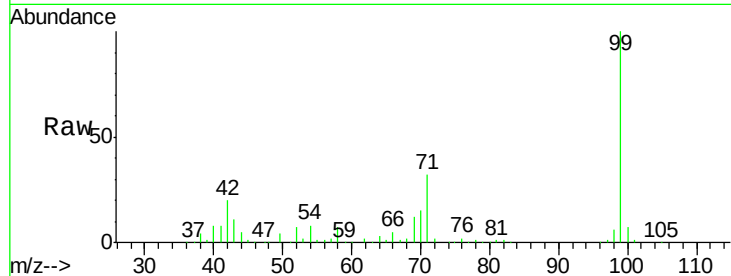
Tot Ion: 99 Resp: 703361

Ion Ratio Lower Upper

99 100

42 20.4 14.5 21.7

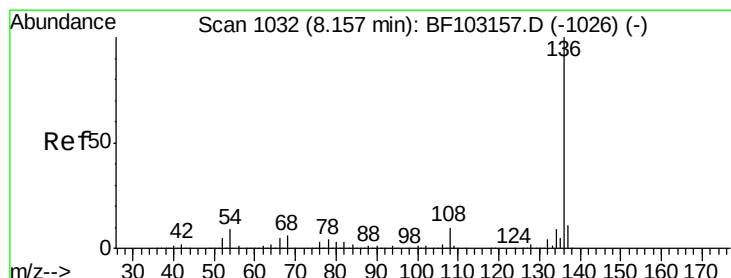
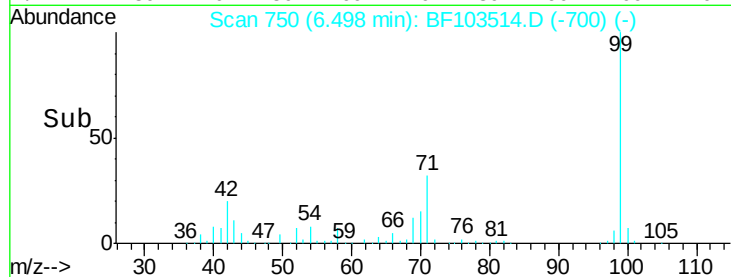
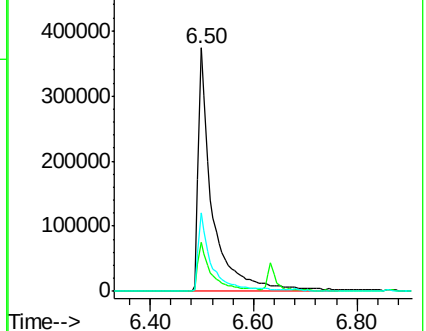
71 32.2 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF103514.D

Acq: 8 Mar 2018 14:14

Tgt Ion: 136 Resp: 554931

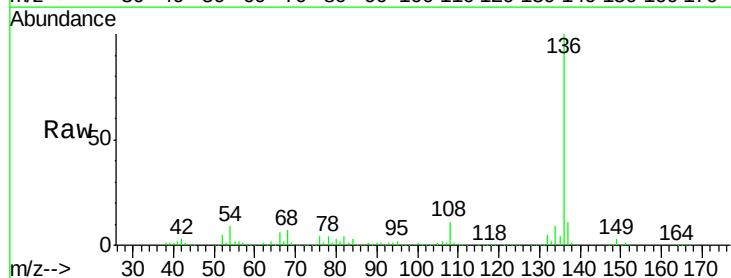
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 9.5 6.6 9.8

68 7.2 5.0 7.4

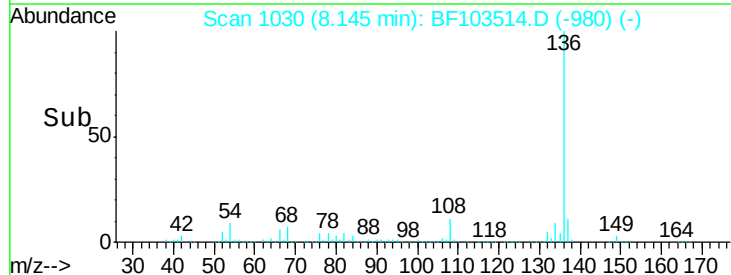
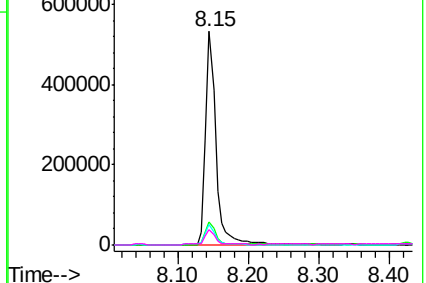


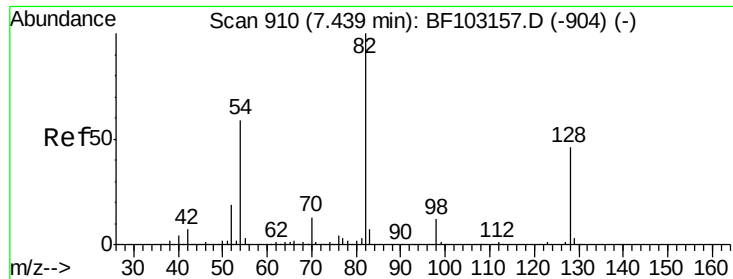
Abundance Ion 136.00 (135.70 to 136.70): E

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

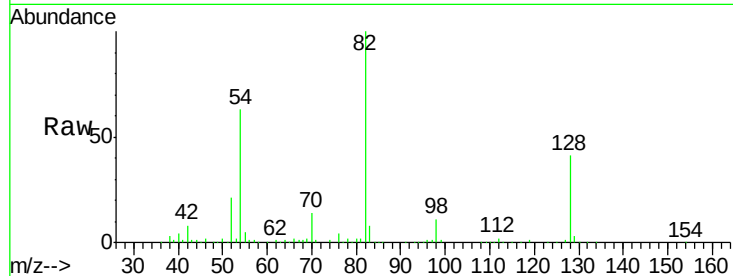




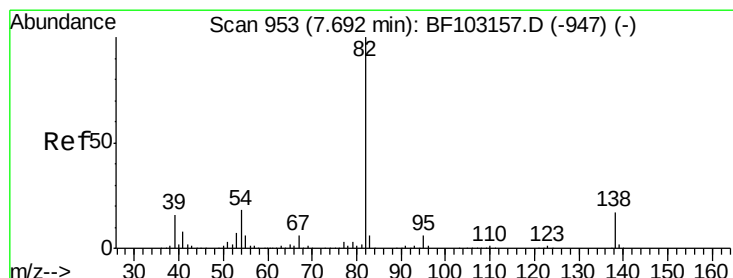
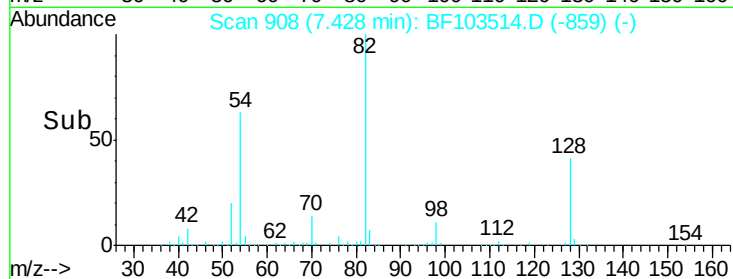
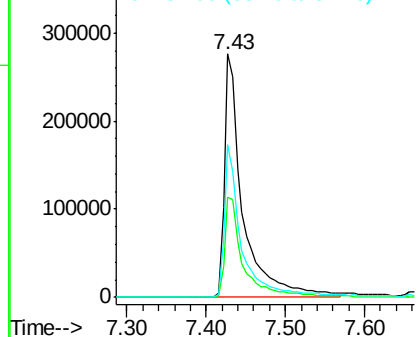
#23
Nitrobenzene-d5
Concen: 45.553 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF103514.D
Acq: 8 Mar 2018 14:14

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 442644
Ion Ratio Lower Upper
82 100
128 41.1 36.1 54.1
54 62.8 41.4 62.2#

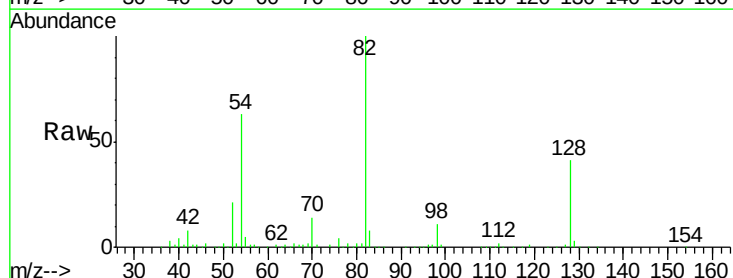


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

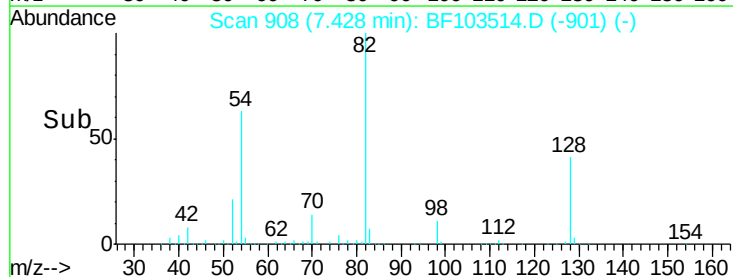
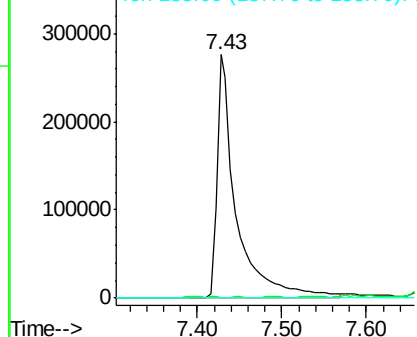


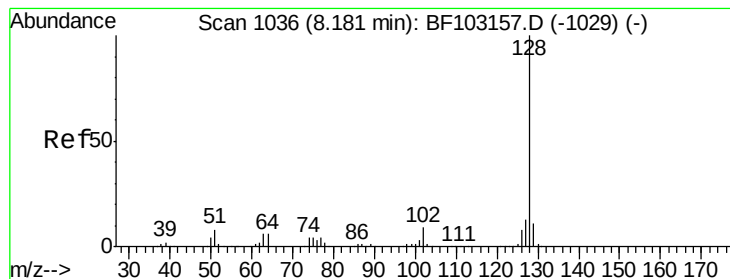
#25
Isophorone
Concen: 22.979 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.26 min
Lab File: BF103514.D
Acq: 8 Mar 2018 14:14

Tgt Ion: 82 Resp: 439776
Ion Ratio Lower Upper
82 100
95 0.3 5.2 7.8#
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1





#31

Naphthalene

Concen: 25.605 ng

RT: 8.17 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF103514.D

Acq: 8 Mar 2018 14:14

Instrument :

BNA_F

ClientSampleId :

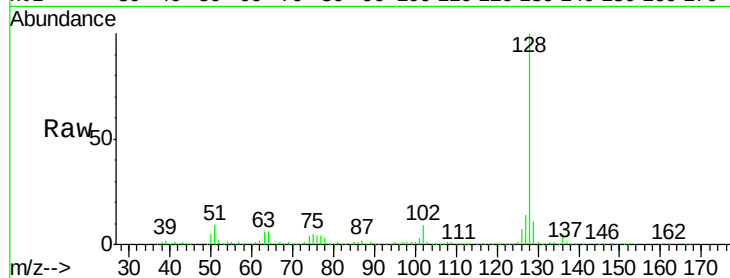
Tot Ion:128 Resp: 695646

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

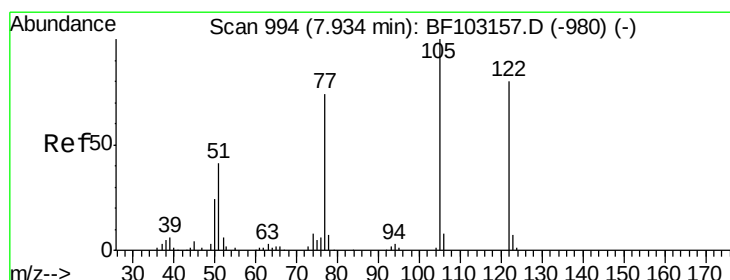
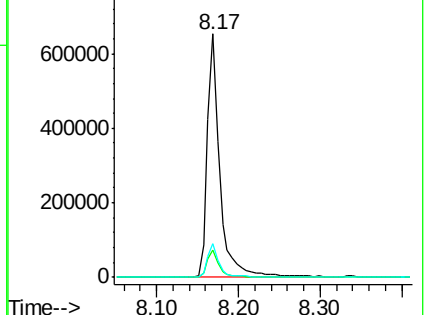
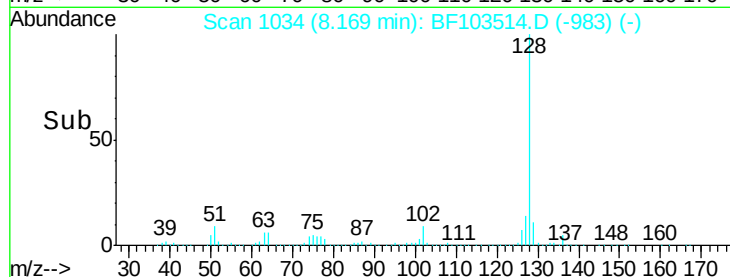
127 13.6 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 6.955 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.02 min

Lab File: BF103514.D

Acq: 8 Mar 2018 14:14

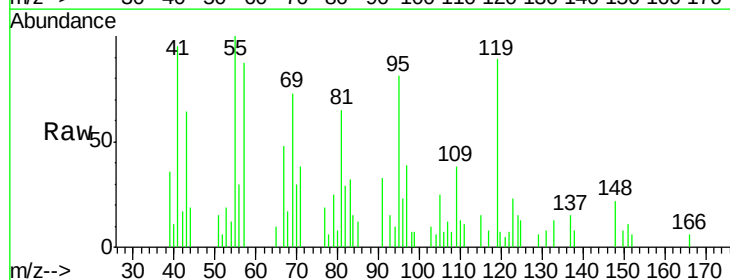
Tgt Ion:122 Resp: 277

Ion Ratio Lower Upper

122 100

105 334.6 101.1 141.1#

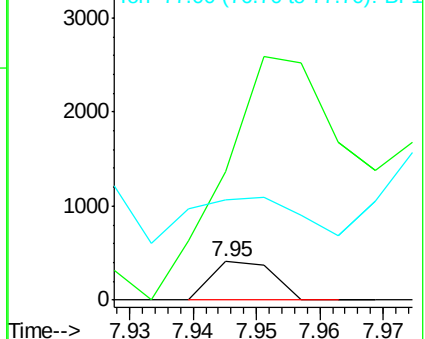
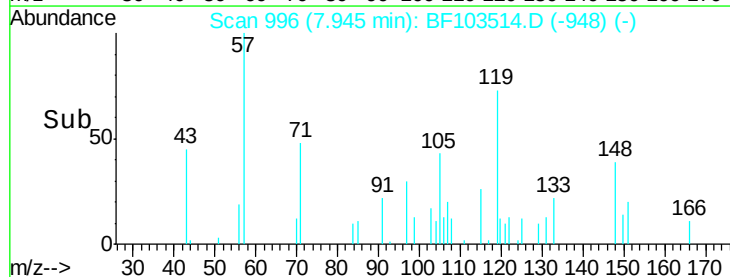
77 262.7 70.7 110.7#

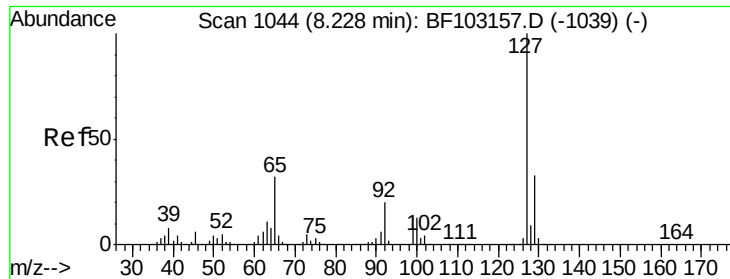


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

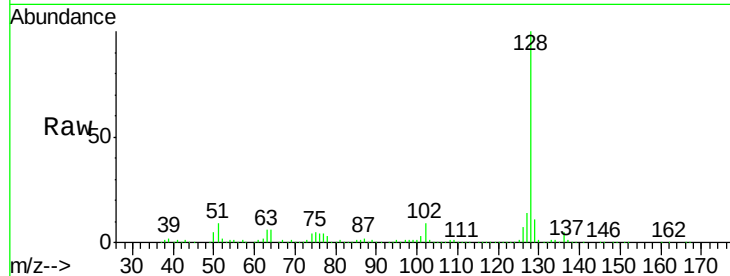




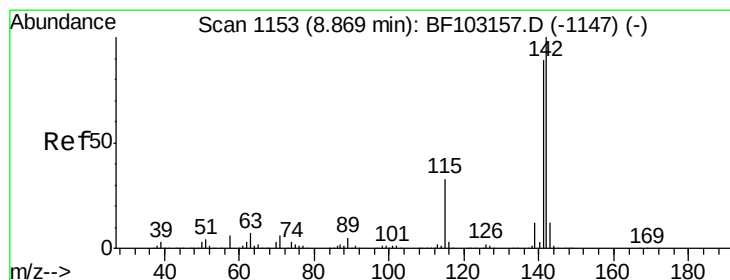
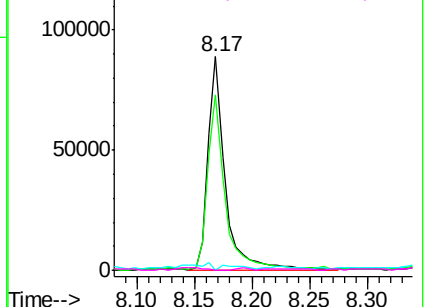
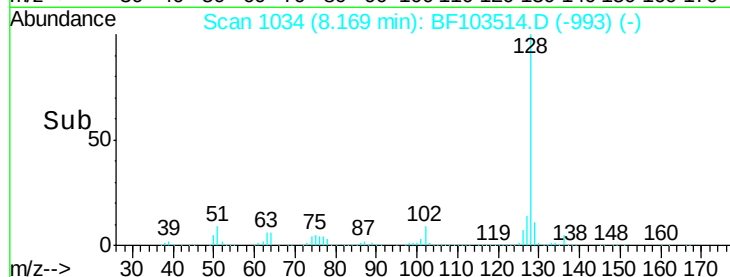
#33
4-Chloroaniline
Concen: 7.964 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.06 min
Lab File: BF103514.D
Acq: 8 Mar 2018 14:14

Instrument :
BNA_F
ClientSampled :

Tot Ion:127 Resp: 93373
Ion Ratio Lower Upper
127 100
129 82.2 25.9 38.9#
65 0.0 25.0 37.4#
92 0.0 15.2 22.8#

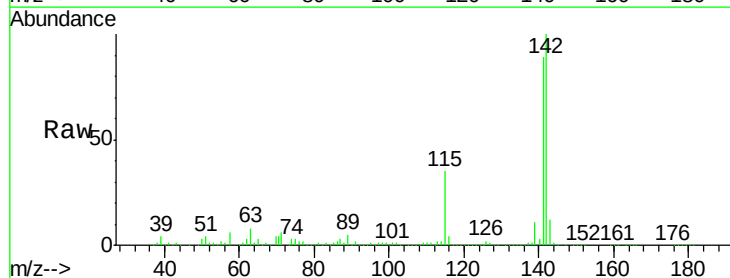


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

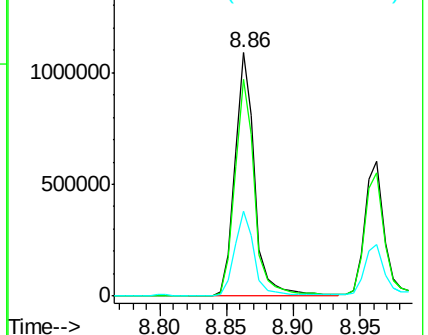
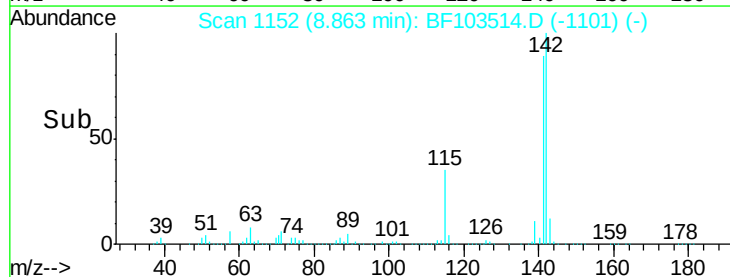


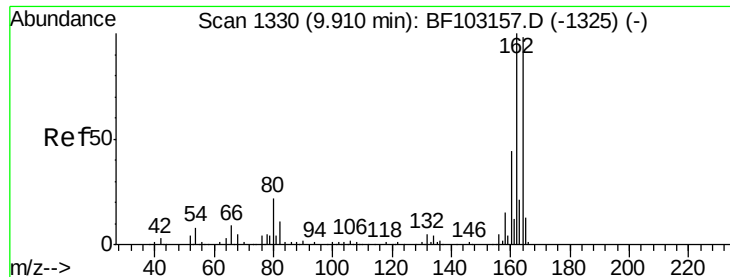
#37
2-Methylnaphthalene
Concen: 64.593 ng
RT: 8.86 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BF103514.D
Acq: 8 Mar 2018 14:14

Tgt Ion:142 Resp: 1134146
Ion Ratio Lower Upper
142 100
141 88.8 70.8 106.2
115 34.7 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: 9.91 min Scan# 1330

Delta R.T. 0.00 min

Lab File: BF103514.D

Acq: 8 Mar 2018 14:14

Instrument :

BNA_F

ClientSampleId :

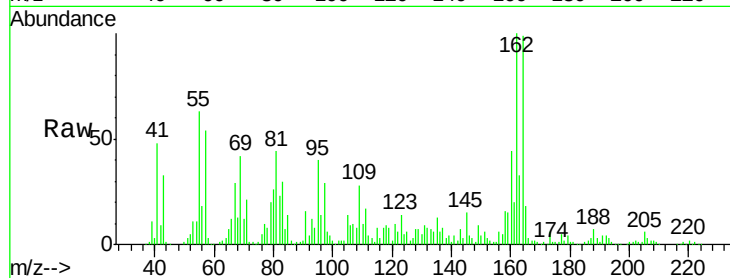
Tot Ion:164 Resp: 202160

Ion Ratio Lower Upper

164 100

162 100.7 86.1 129.1

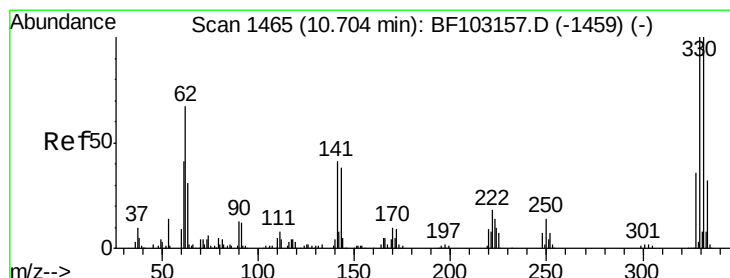
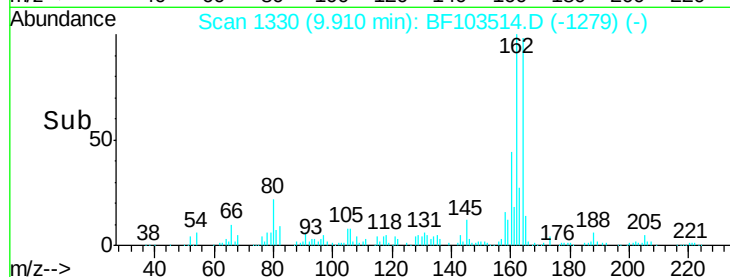
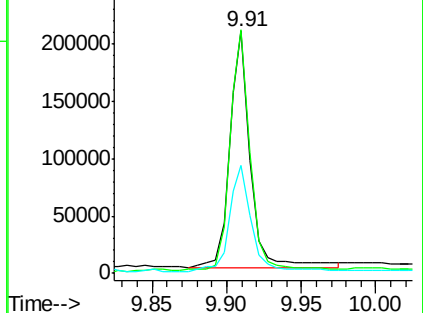
160 44.8 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 41.862 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.01 min

Lab File: BF103514.D

Acq: 8 Mar 2018 14:14

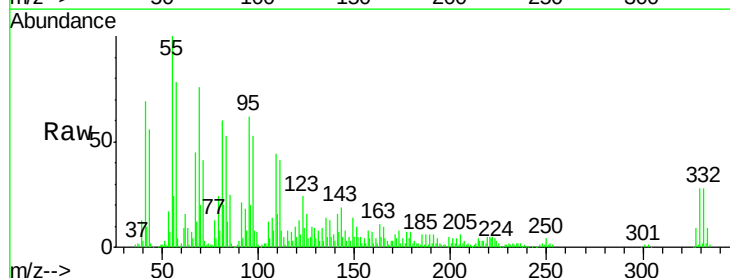
Tgt Ion:330 Resp: 71633

Ion Ratio Lower Upper

330 100

332 103.5 77.0 115.6

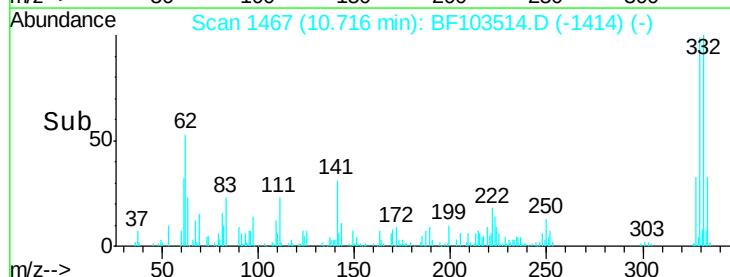
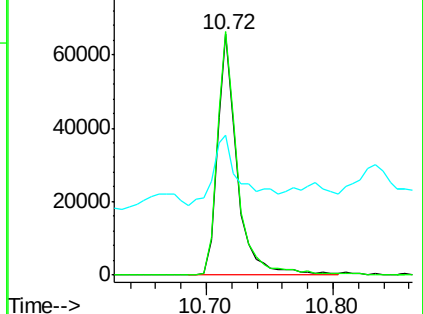
141 40.3 29.9 44.9

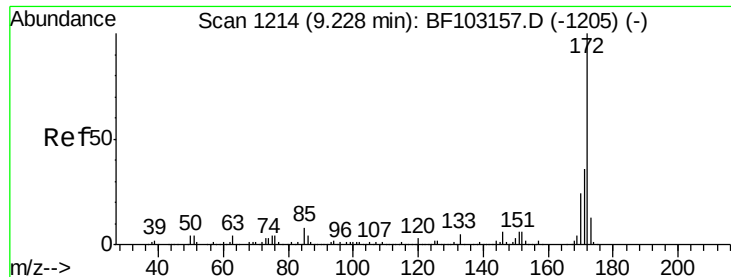


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

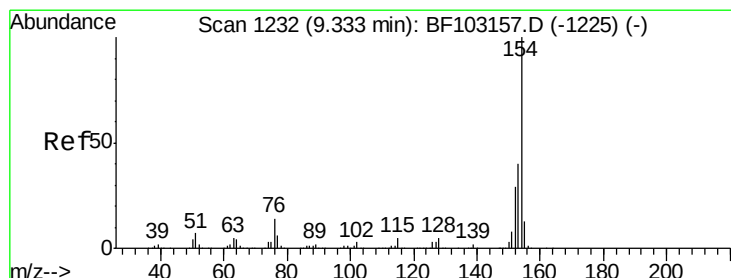
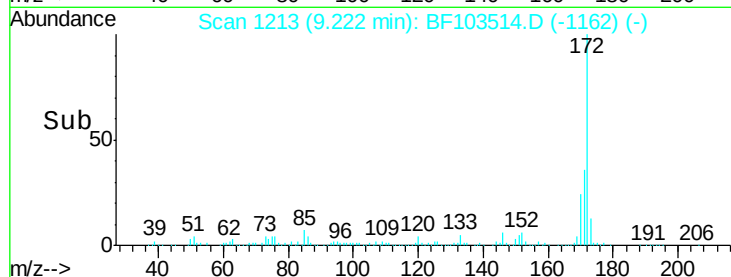
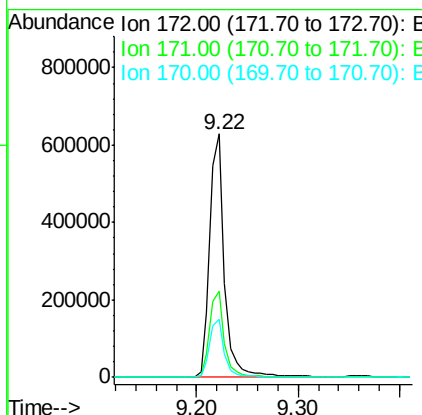
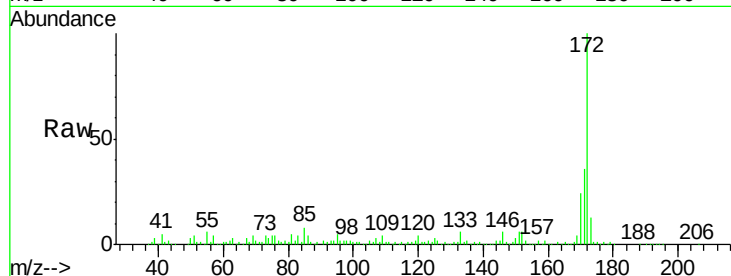




#44
 2-Fluorobiphenyl
 Concen: 49.364 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF103514.D
 Acq: 8 Mar 2018 14:14

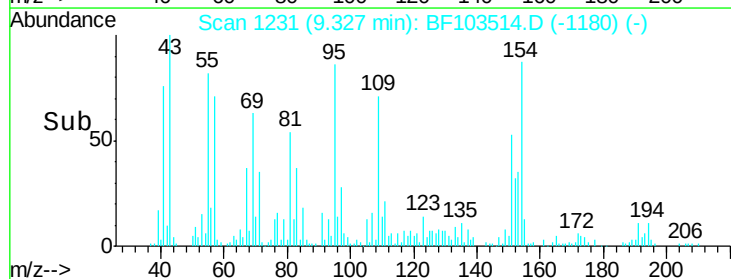
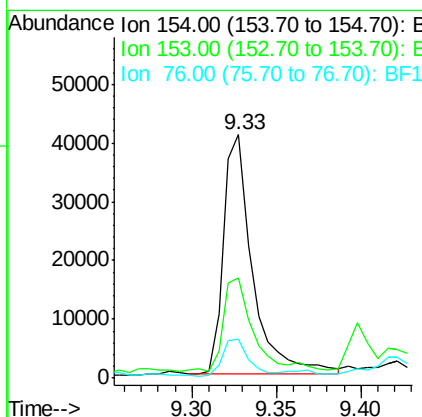
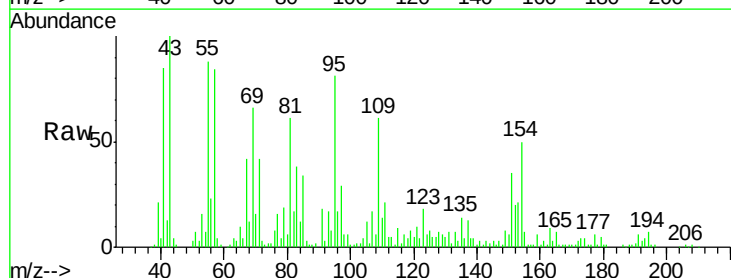
Instrument :
 BNA_F
 ClientSampleId :

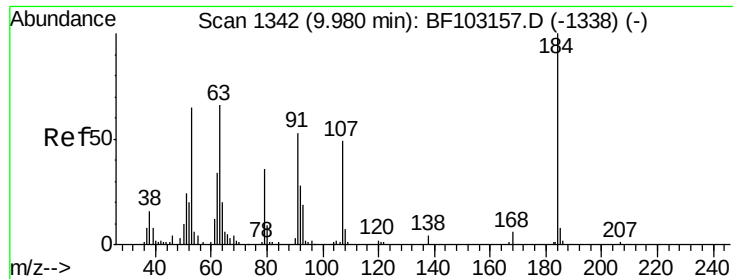
Tot Ion:172 Resp: 643549
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.7 44.5
 170 24.1 19.6 29.4



#45
 1,1'-Biphenyl
 Concen: 2.908 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BF103514.D
 Acq: 8 Mar 2018 14:14

Tgt Ion:154 Resp: 49258
 Ion Ratio Lower Upper
 154 100
 153 41.2 21.3 61.3
 76 16.0 0.0 34.0





#53

2,4-Dinitrophenol

Concen: 9.698 ng

RT: 10.00 min Scan# 1346

Delta R.T. 0.00 min

Lab File: BF103514.D

Acq: 8 Mar 2018 14:14

Instrument :

BNA_F

ClientSampleId :

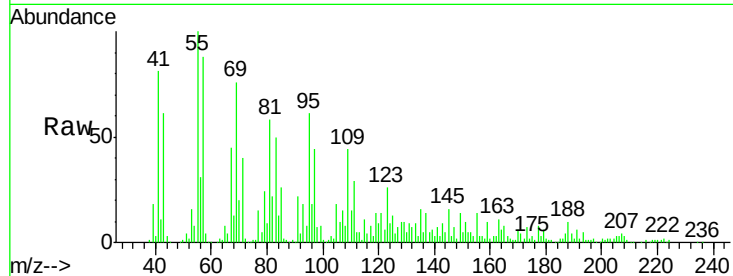
Tot Ion:184 Resp: 107

Ion Ratio Lower Upper

184 100

63 1242.4 54.2 81.2#

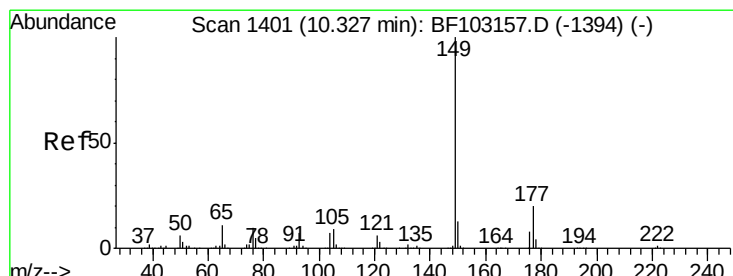
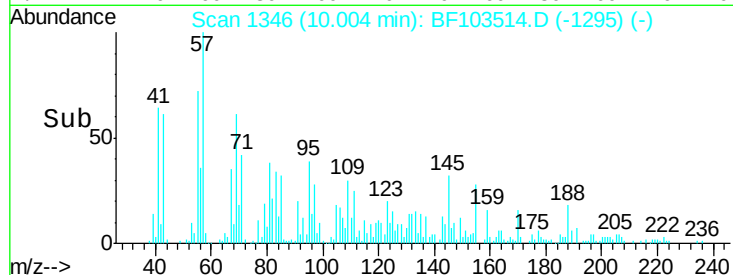
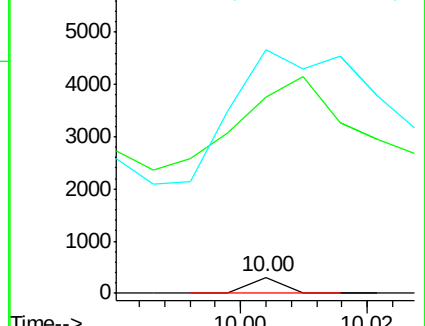
154 1544.7 184.0 276.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E



#59

Diethylphthalate

Concen: 9.538 ng

RT: 10.32 min Scan# 1399

Delta R.T. -0.01 min

Lab File: BF103514.D

Acq: 8 Mar 2018 14:14

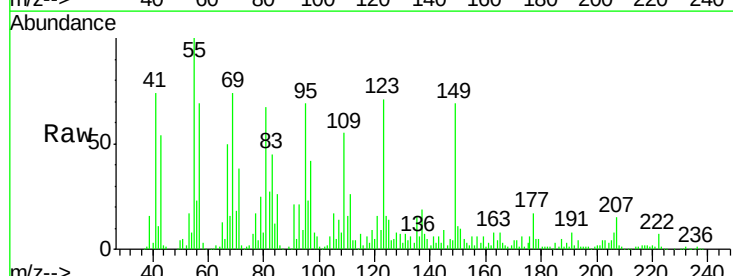
Tgt Ion:149 Resp: 147943

Ion Ratio Lower Upper

149 100

177 24.4 16.1 24.1#

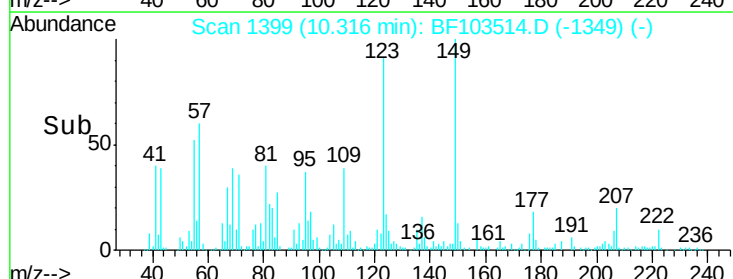
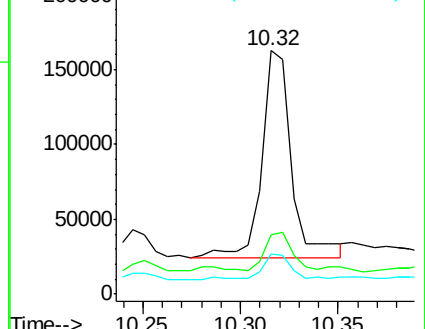
150 16.4 10.1 15.1#

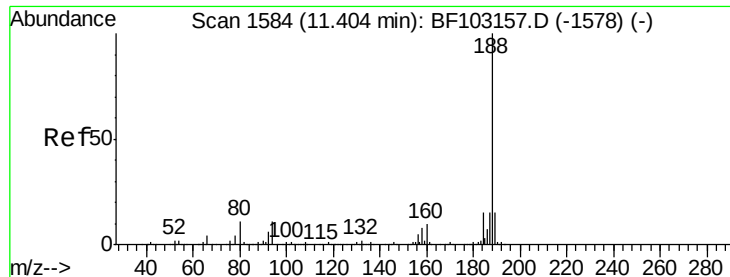


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1587

Delta R.T. 0.02 min

Lab File: BF103514.D

Acq: 8 Mar 2018 14:14

Instrument :

BNA_F

ClientSampleId :

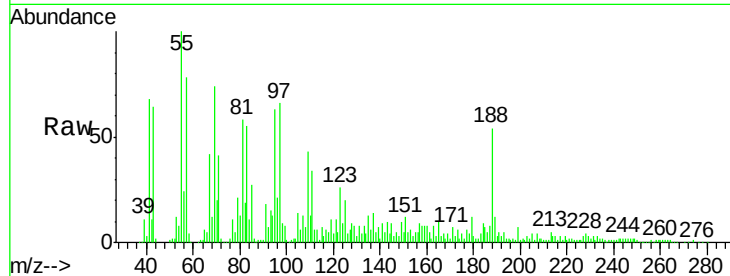
Tot Ion:188 Resp: 156736

Ion Ratio Lower Upper

188 100

94 23.1 8.5 12.7#

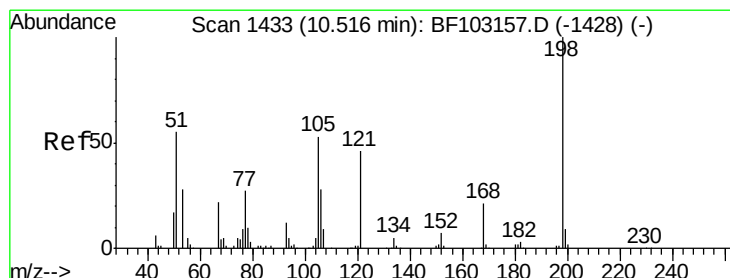
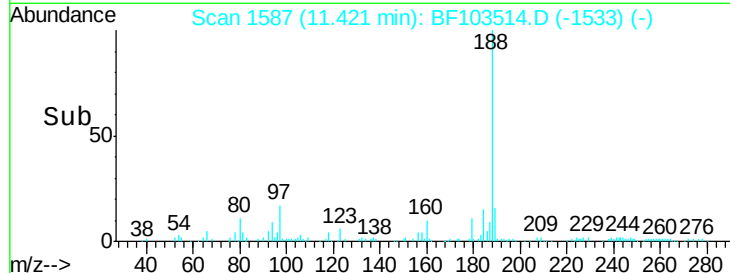
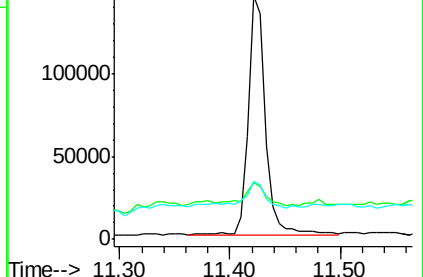
80 24.0 9.2 13.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 6.447 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF103514.D

Acq: 8 Mar 2018 14:14

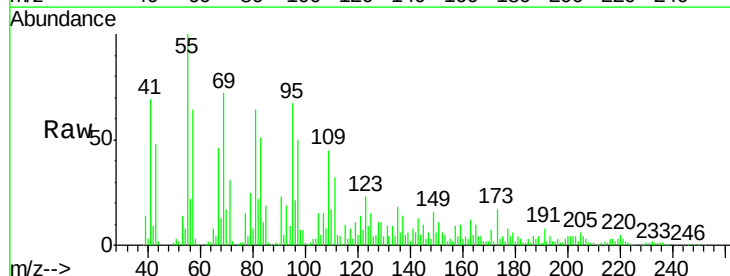
Tgt Ion:198 Resp: 1597

Ion Ratio Lower Upper

198 100

51 487.4 37.7 77.7#

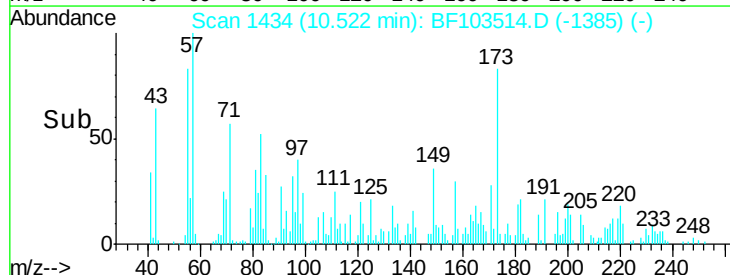
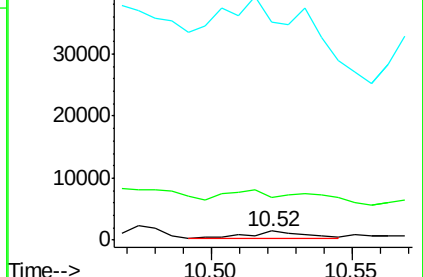
105 2463.2 36.3 76.3#

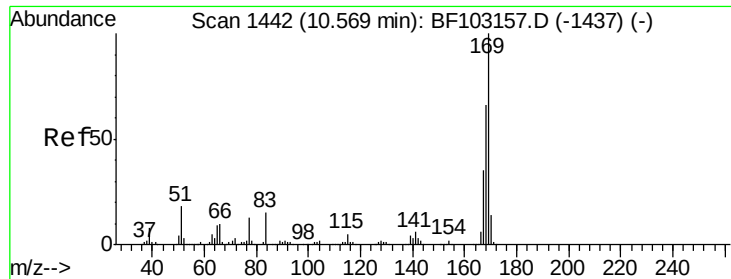


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 2.702 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BF103514.D

Acq: 8 Mar 2018 14:14

Instrument :

BNA_F

ClientSampled :

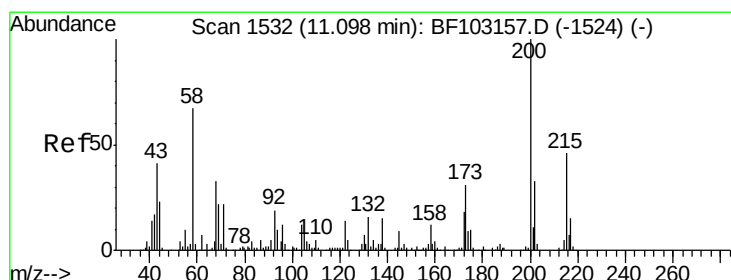
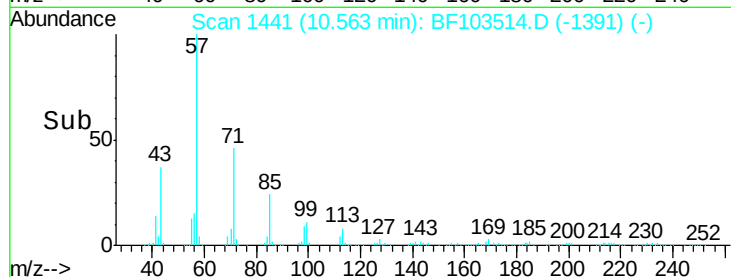
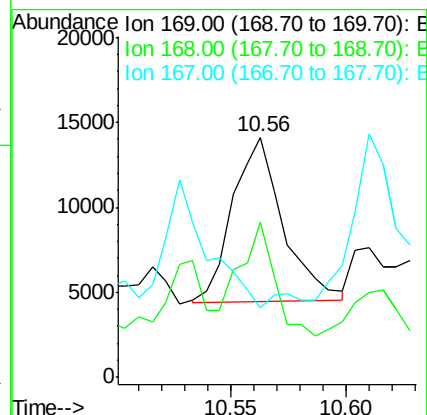
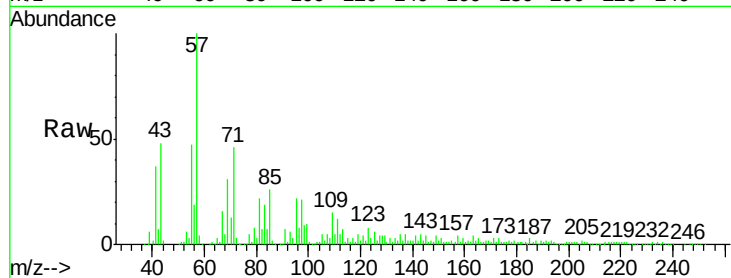
Tot Ion:169 Resp: 14745

Ion Ratio Lower Upper

169 100

168 64.4 54.4 81.6

167 29.1 29.8 44.6#



#68

Atrazine

Concen: 3.918 ng

RT: 11.10 min Scan# 1533

Delta R.T. 0.01 min

Lab File: BF103514.D

Acq: 8 Mar 2018 14:14

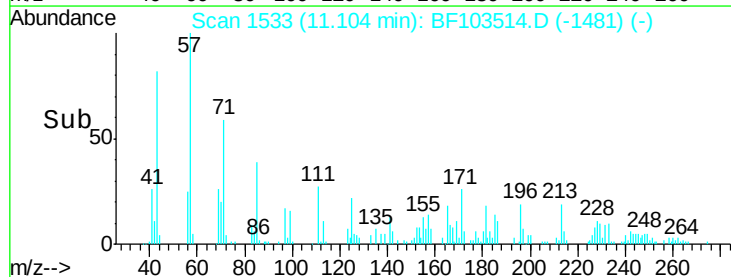
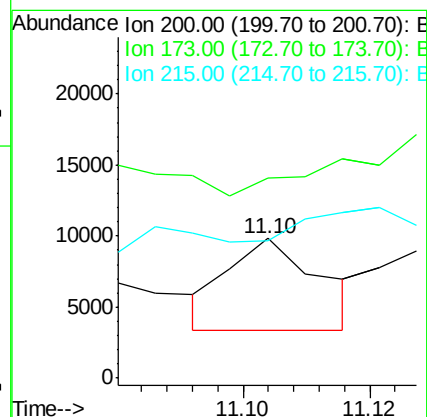
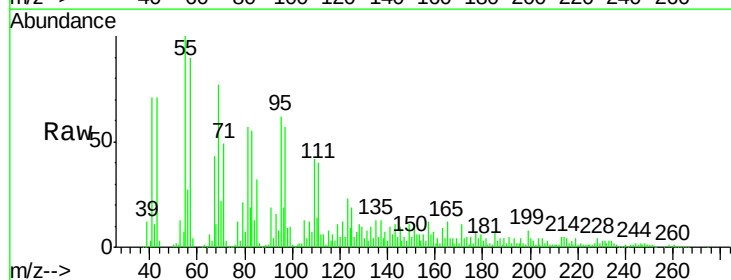
Tgt Ion:200 Resp: 6426

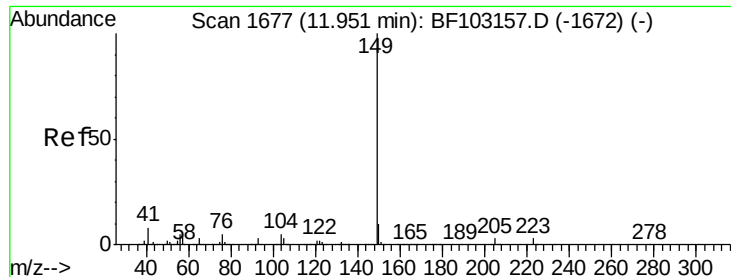
Ion Ratio Lower Upper

200 100

173 143.3 8.6 48.6#

215 98.8 25.1 65.1#





#73

Di-n-butylphthalate

Concen: 21.645 ng

RT: 11.97 min Scan# 1680

Delta R.T. 0.02 min

Lab File: BF103514.D

Acq: 8 Mar 2018 14:14

Instrument :

BNA_F

ClientSampleId :

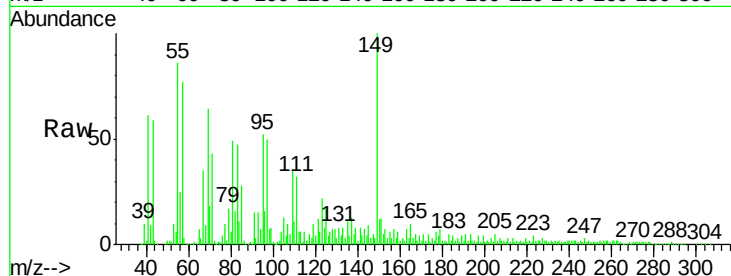
Tot Ion:149 Resp: 238566

Ion Ratio Lower Upper

149 100

150 12.4 7.8 11.6#

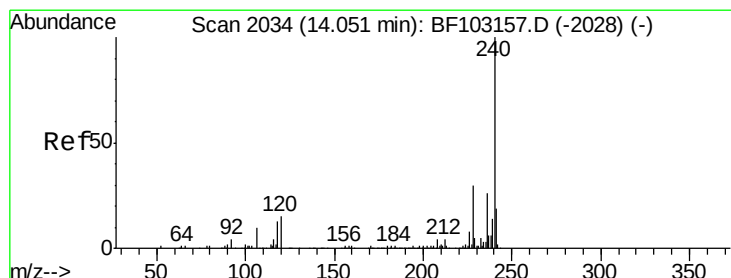
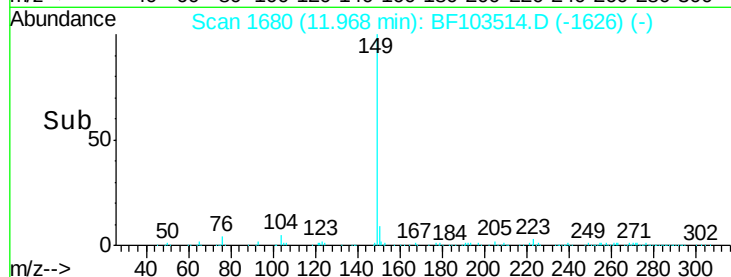
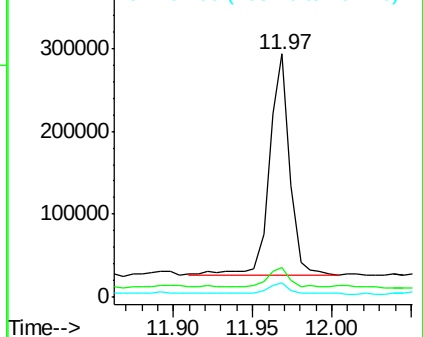
104 5.9 3.8 5.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.07 min Scan# 2037

Delta R.T. 0.01 min

Lab File: BF103514.D

Acq: 8 Mar 2018 14:14

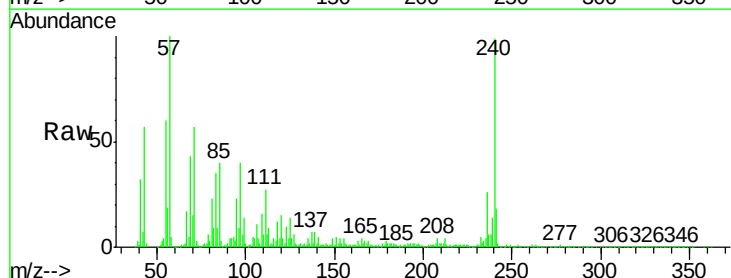
Tgt Ion:240 Resp: 209380

Ion Ratio Lower Upper

240 100

120 15.2 9.5 14.3#

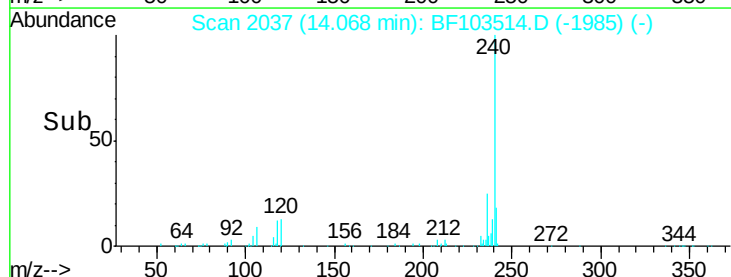
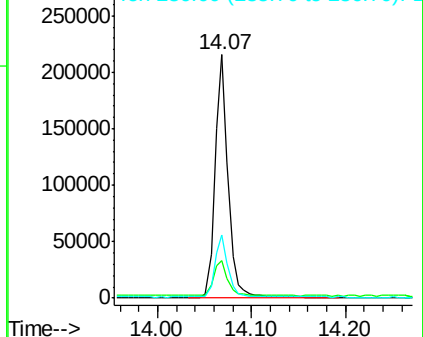
236 26.1 20.7 31.1

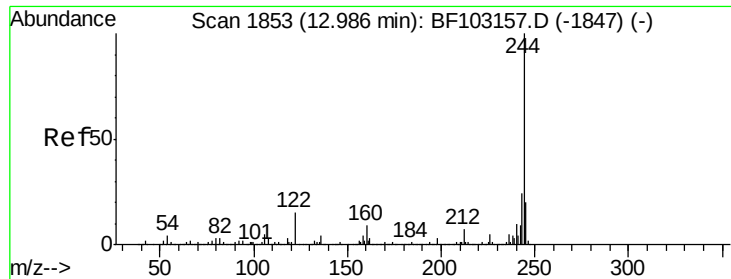


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 32.991 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.02 min

Lab File: BF103514.D

Acq: 8 Mar 2018 14:14

Instrument :

BNA_F

ClientSampleId :

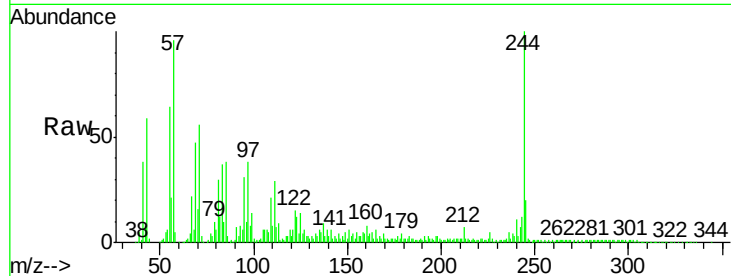
Tot Ion:244 Resp: 287357

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

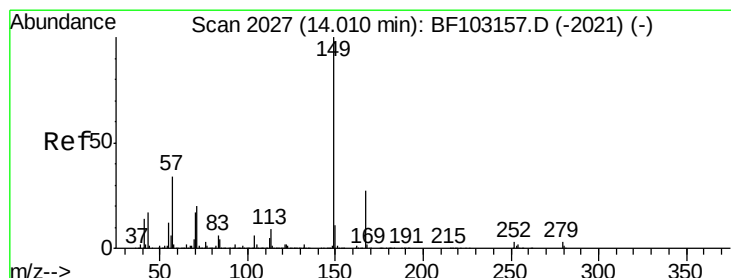
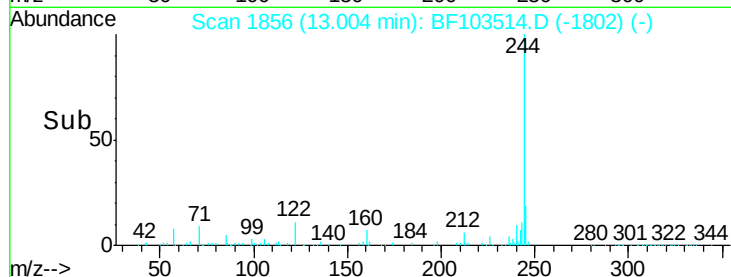
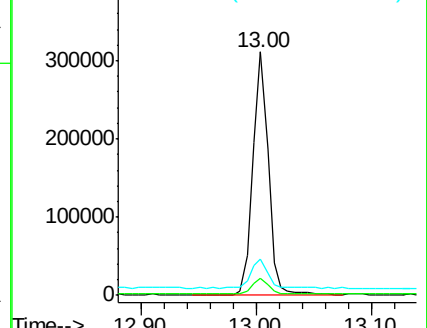
122 14.8 11.0 16.4



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 26.829 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BF103514.D

Acq: 8 Mar 2018 14:14

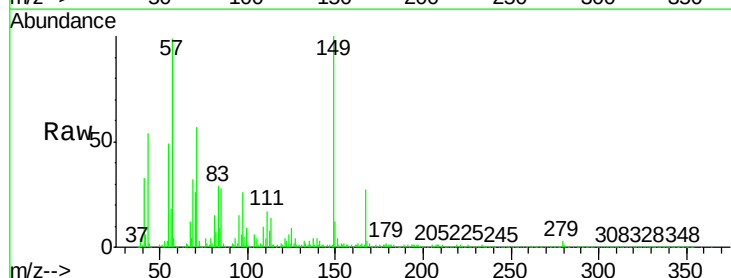
Tgt Ion:149 Resp: 312266

Ion Ratio Lower Upper

149 100

167 26.9 21.3 31.9

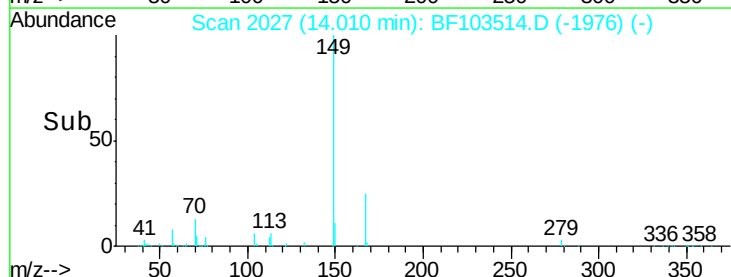
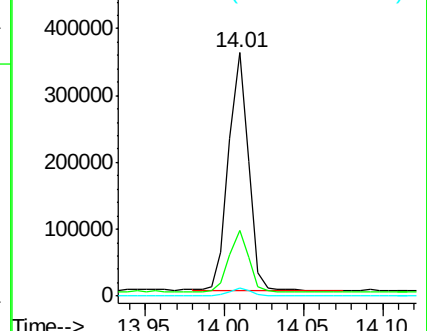
279 3.2 3.0 4.4

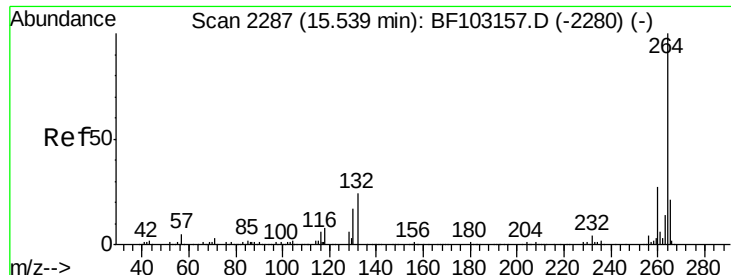


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BF103514.D
Acq: 8 Mar 2018 14:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	20.0	17.5	26.3

