

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030818\
 Data File : BF103522.D
 Acq On : 8 Mar 2018 17:48
 Operator : SJ/JU
 Sample : J1819-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 08 23:52:03 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	141999	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	579353	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	231462	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	317712	20.00	ng	0.00
75) Chrysene-d12	14.07	240	208229	20.00	ng	0.00
86) Perylene-d12	15.58	264	191003	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	783554	83.46	ng	0.01
7) Phenol-d6	6.52	99	1054740	91.81	ng	0.01
23) Nitrobenzene-d5	7.43	82	648997	63.97	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	142365	72.66	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	891642	62.16	ng	0.00
78) Terphenyl-d14	12.99	244	518262	59.83	ng	0.00

Target Compounds

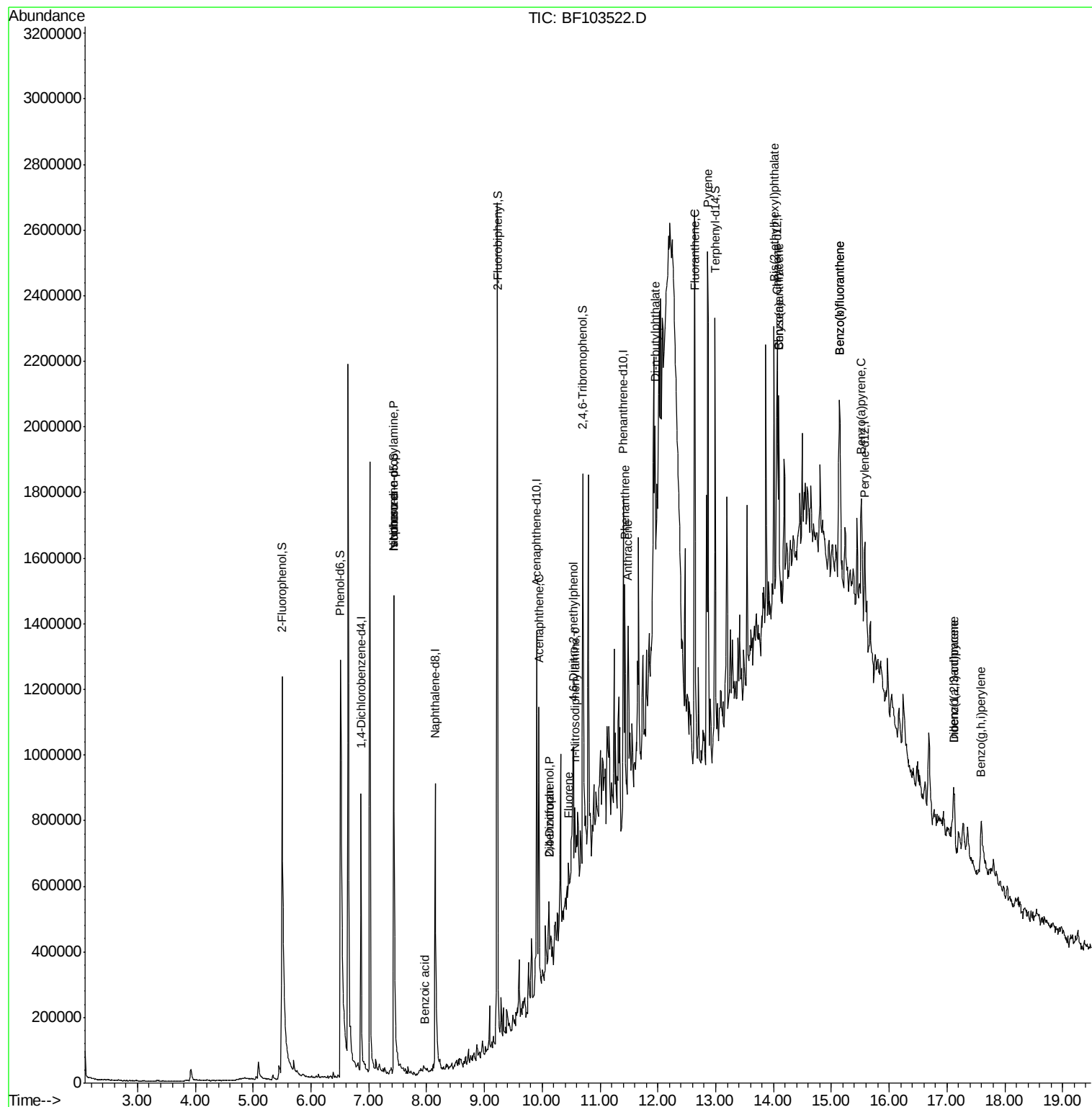
						Qvalue
9) Benzaldehyde	6.39	77	749	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.43	70	84341	11.796 ng	#	81
25) Isophorone	7.43	82	648997	32.482 ng	#	64
32) Benzoic acid	7.97	122	4151	7.510 ng		88
51) Acenaphthene	9.94	154	189801	13.787 ng		98
53) 2,4-Dinitrophenol	10.12	184	627	10.013 ng	#	1
54) Dibenzofuran	10.12	168	73998	3.916 ng		98
57) Fluorene	10.46	166	43191	2.683 ng	#	94
64) 4,6-Dinitro-2-methylphenol	10.55	198	423	5.142 ng	#	1
65) n-Nitrosodiphenylamine	10.56	169	43173	3.903 ng	#	77
70) Phenanthrene	11.43	178	244688	13.994 ng		99
71) Anthracene	11.48	178	224987	12.548 ng		98
73) Di-n-butylphthalate	11.95	149	240867	10.781 ng		99
74) Fluoranthene	12.64	202	821303	46.744 ng		99
77) Pyrene	12.86	202	767591	47.281 ng		99
80) Benzo(a)anthracene	14.09	228	292332	21.637 ng		94
82) Chrysene	14.09	228	292332	22.284 ng		97
83) Bis(2-ethylhexyl)phthalate	14.01	149	257350	22.233 ng		100
85) Indeno(1,2,3-cd)pyrene	17.12	276	140763	13.554 ng		92
87) Benzo(b)fluoranthene	15.13	252	464154	36.960 ng	#	90
88) Benzo(k)fluoranthene	15.13	252	464154	39.250 ng	#	93
89) Benzo(a)pyrene	15.52	252	241659	21.549 ng	#	90
90) Dibenzo(a,h)anthracene	17.12	278	33714	3.891 ng	#	68
91) Benzo(g,h,i)perylene	17.60	276	130614	15.422 ng		91

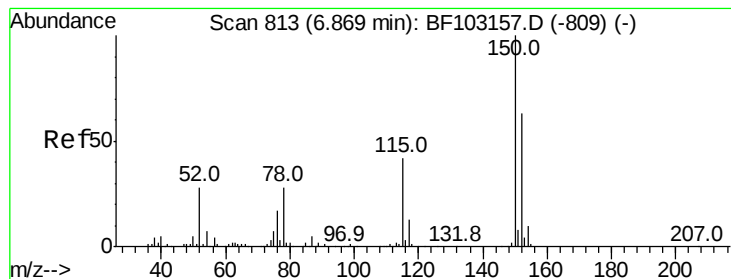
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030818\
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ALS Vial : 12 Sample Multiplier: 1

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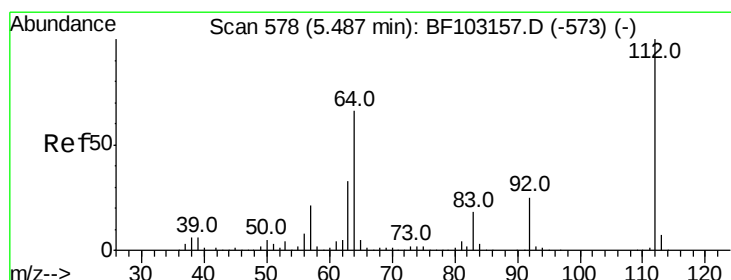
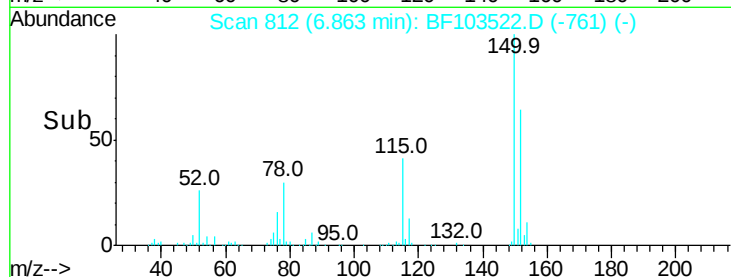
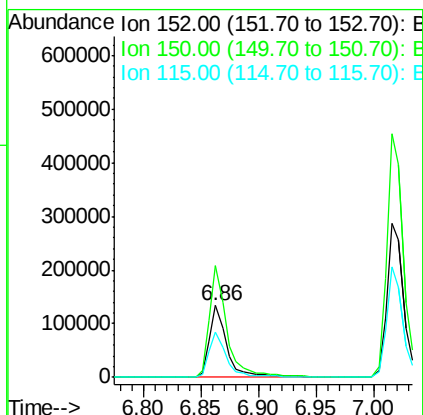
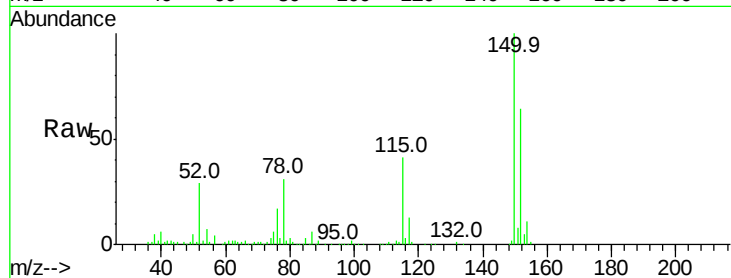


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF103522.D
Acq: 8 Mar 2018 17:48

Instrument :
BNA_F
ClientSampled :

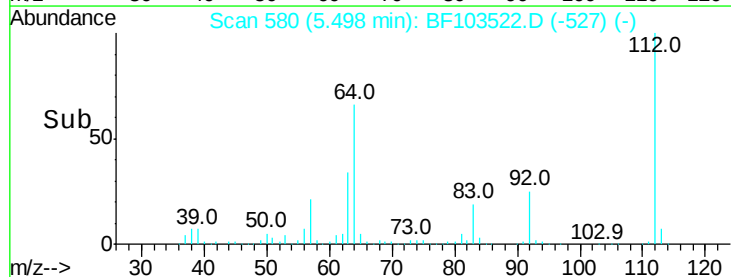
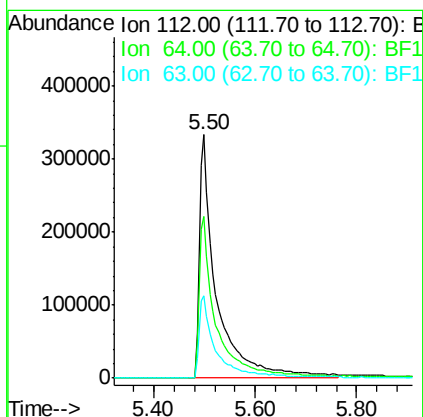
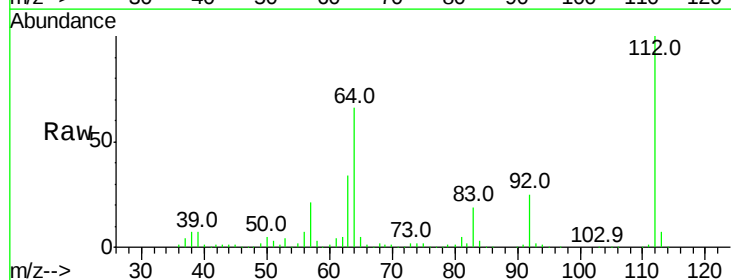
Tot Ion:152 Resp: 141999
Ion Ratio Lower Upper
152 100
150 155.9 124.6 186.8
115 63.9 50.1 75.1

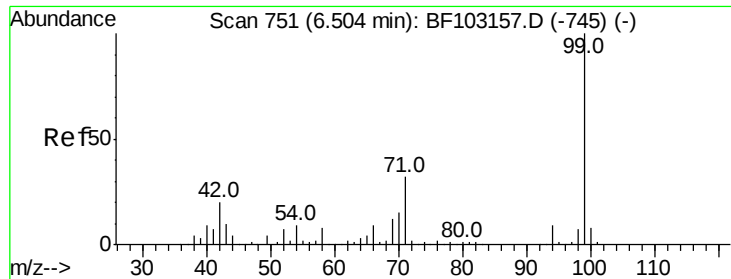


#5

2-Fluorophenol
Concen: 83.456 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF103522.D
Acq: 8 Mar 2018 17:48

Tgt Ion:112 Resp: 783554
Ion Ratio Lower Upper
112 100
64 66.4 47.9 71.9
63 33.9 23.7 35.5





#7

Phenol-d6

Concen: 91.807 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF103522.D

Acq: 8 Mar 2018 17:48

Instrument :

BNA_F

ClientSampled :

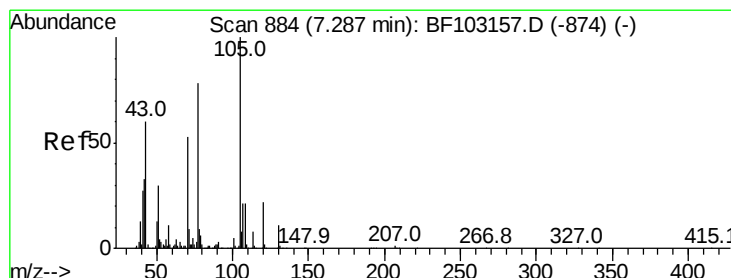
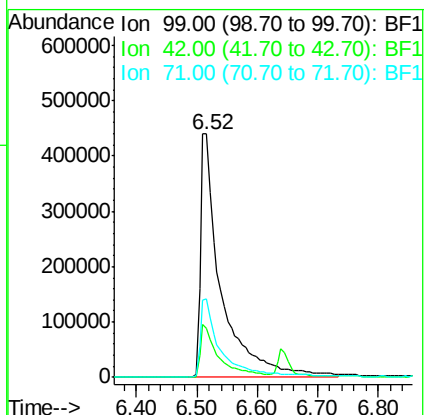
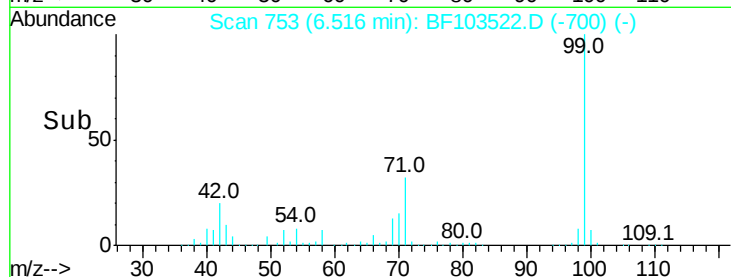
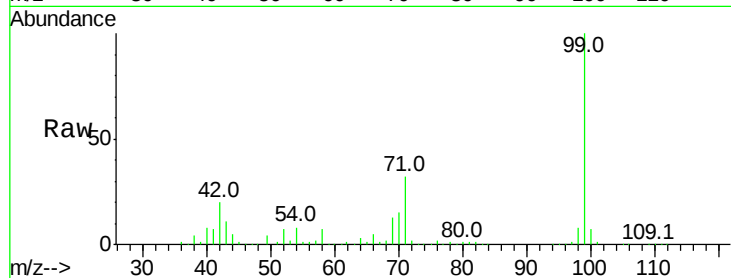
Tot Ion: 99 Resp: 1054740

Ion Ratio Lower Upper

99 100

42 20.2 14.5 21.7

71 32.3 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 11.796 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.16 min

Lab File: BF103522.D

Acq: 8 Mar 2018 17:48

Tgt Ion: 70 Resp: 84341

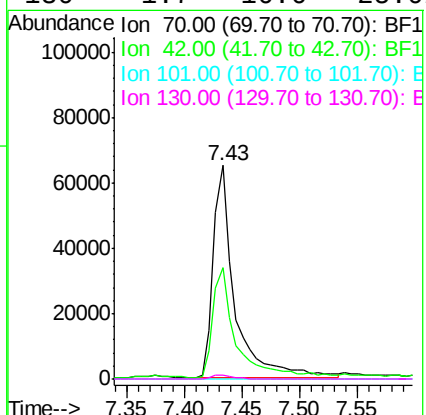
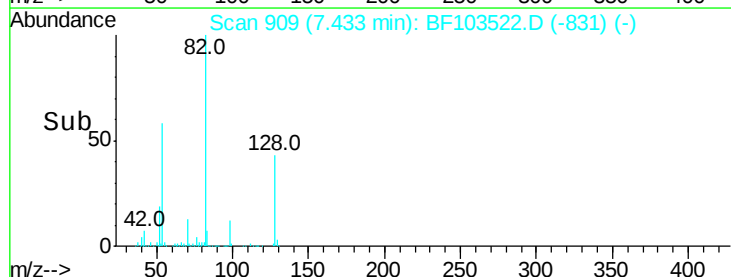
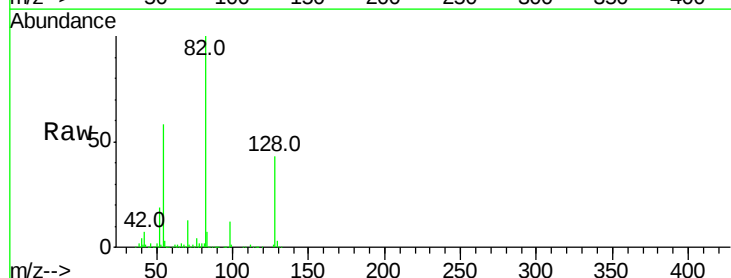
Ion Ratio Lower Upper

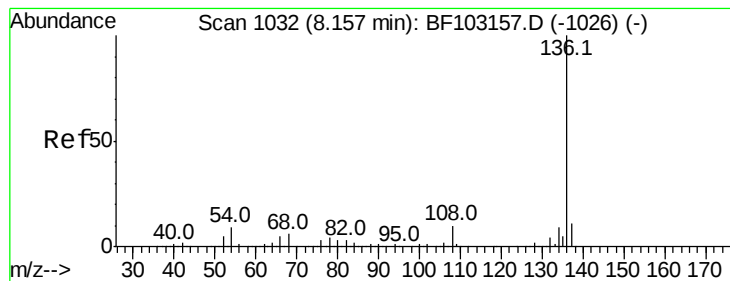
70 100

42 52.1 47.5 71.3

101 0.0 7.4 11.2#

130 1.7 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF103522.D

Acq: 8 Mar 2018 17:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 579353

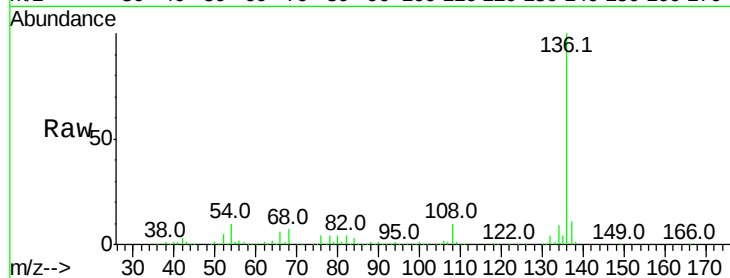
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 10.2 6.6 9.8#

68 6.9 5.0 7.4

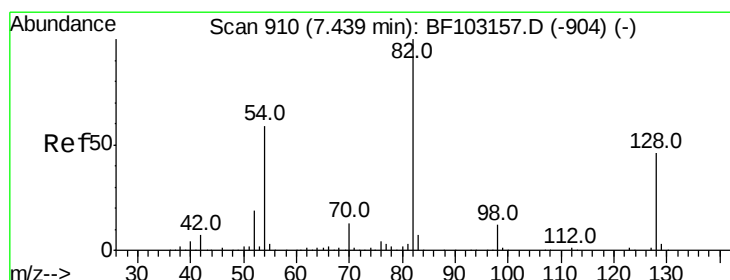
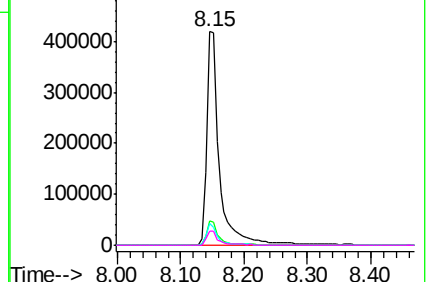
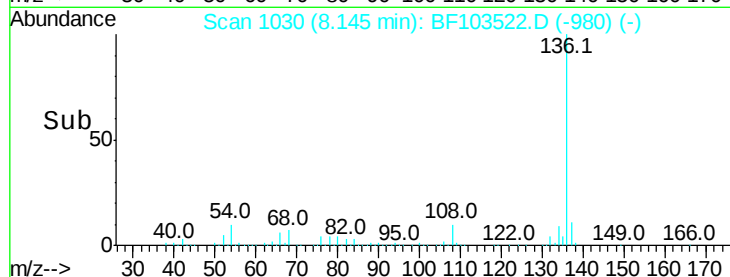


Abundance Ion 136.00 (135.70 to 136.70): E

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: 63.973 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF103522.D

Acq: 8 Mar 2018 17:48

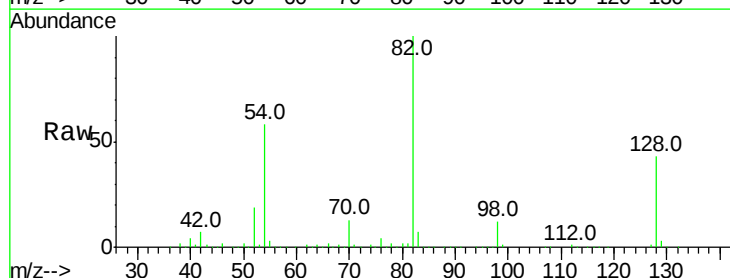
Tgt Ion: 82 Resp: 648997

Ion Ratio Lower Upper

82 100

128 42.7 36.1 54.1

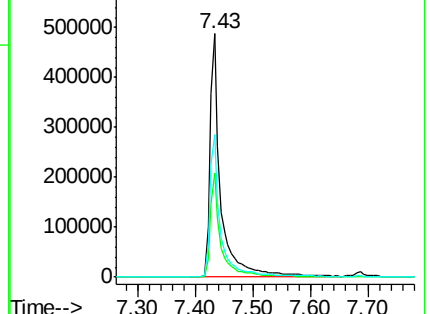
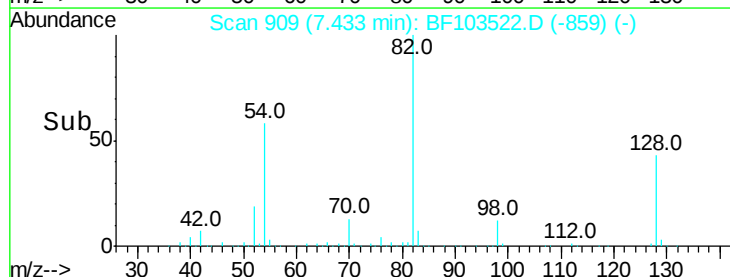
54 58.4 41.4 62.2

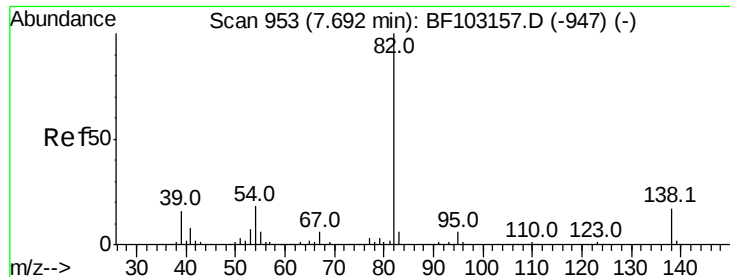


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 32.482 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.25 min

Lab File: BF103522.D

Acq: 8 Mar 2018 17:48

Instrument :

BNA_F

ClientSampled :

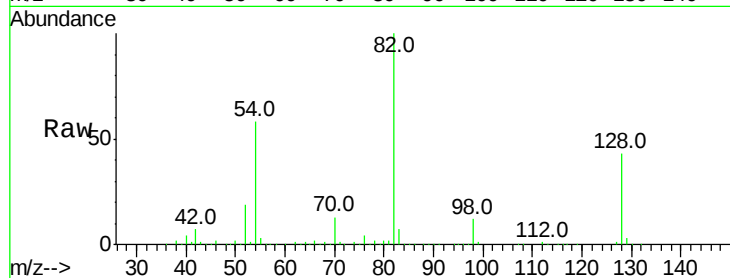
Tot Ion: 82 Resp: 648997

Ion Ratio Lower Upper

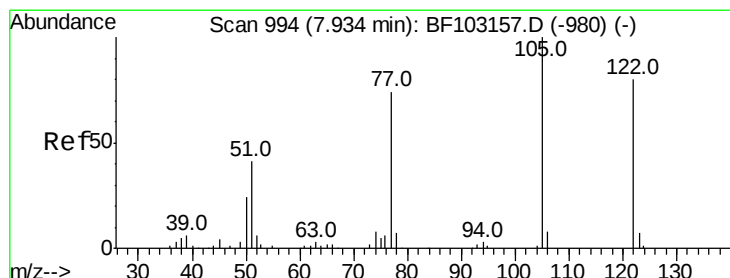
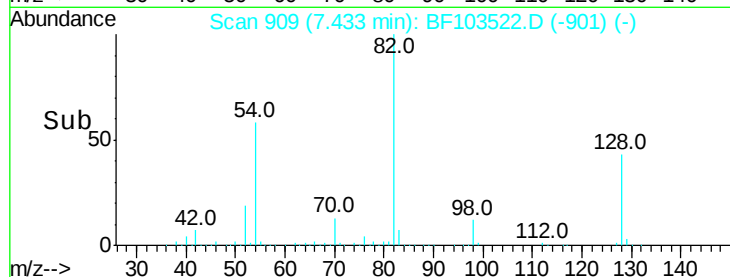
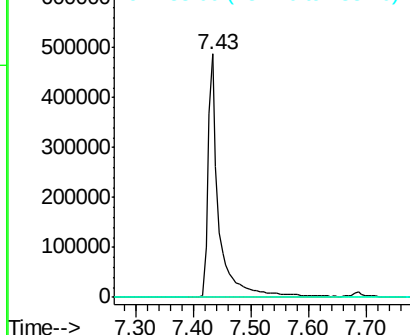
82 100

95 0.1 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



#32

Benzoic acid

Concen: 7.510 ng

RT: 7.97 min Scan# 1000

Delta R.T. 0.01 min

Lab File: BF103522.D

Acq: 8 Mar 2018 17:48

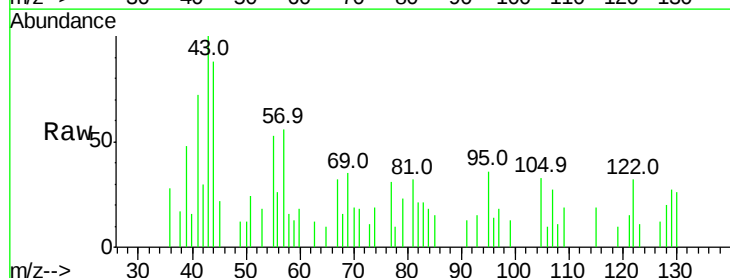
Tgt Ion: 122 Resp: 4151

Ion Ratio Lower Upper

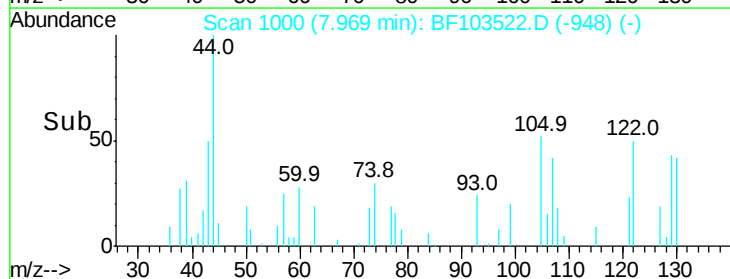
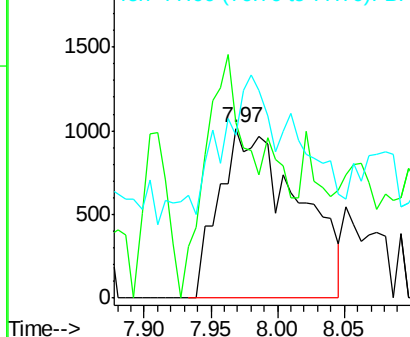
122 100

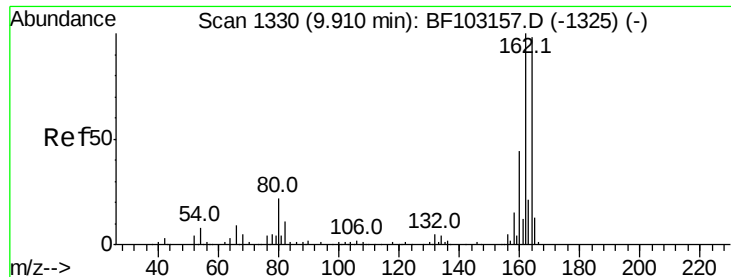
105 103.6 101.1 141.1

77 96.4 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

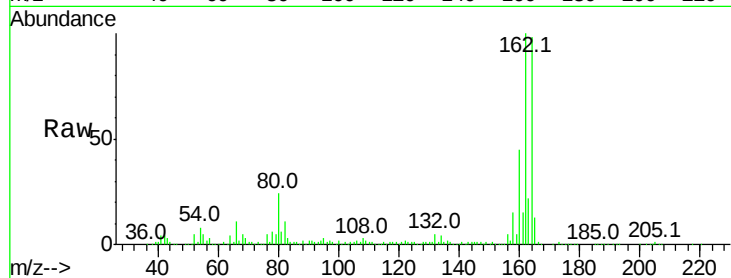




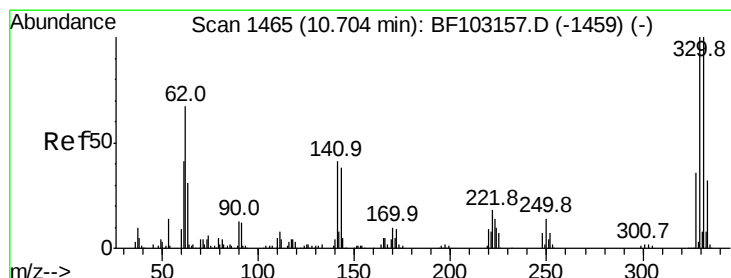
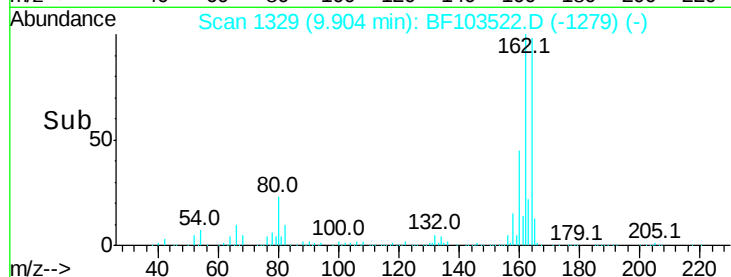
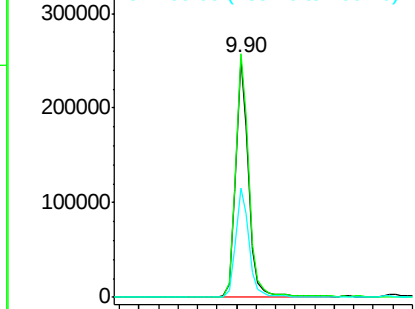
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BF103522.D
 Acq: 8 Mar 2018 17:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 231462
 Ion Ratio Lower Upper
 164 100
 162 102.0 86.1 129.1
 160 45.7 38.3 57.5

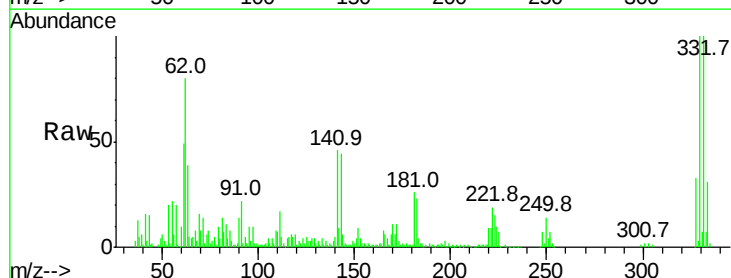


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

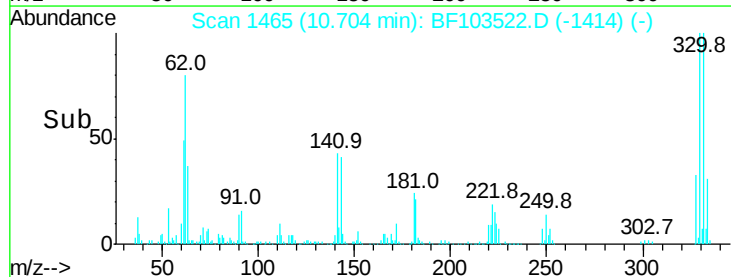
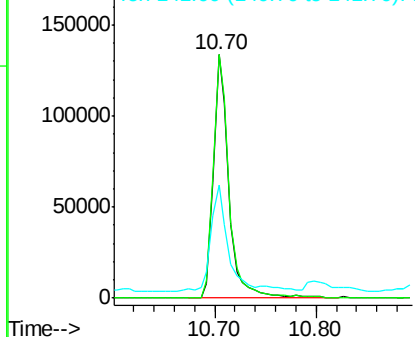


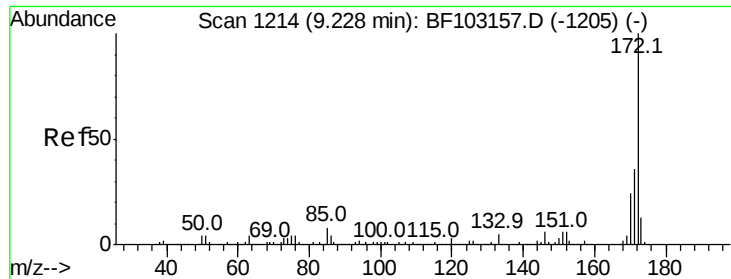
#41
 2,4,6-Tribromophenol
 Concen: 72.665 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: BF103522.D
 Acq: 8 Mar 2018 17:48

Tgt Ion:330 Resp: 142365
 Ion Ratio Lower Upper
 330 100
 332 102.8 77.0 115.6
 141 50.7 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

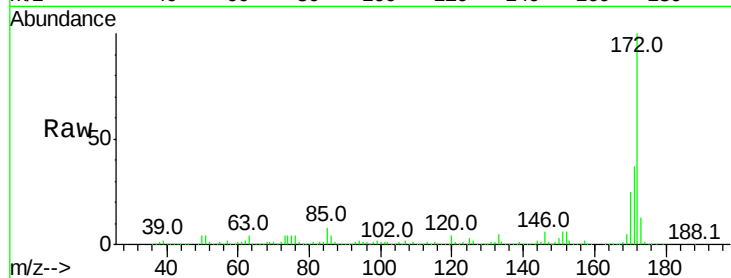




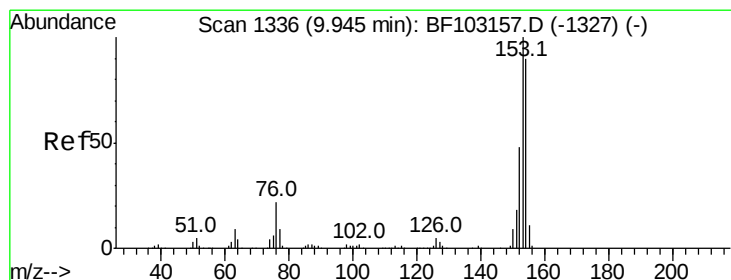
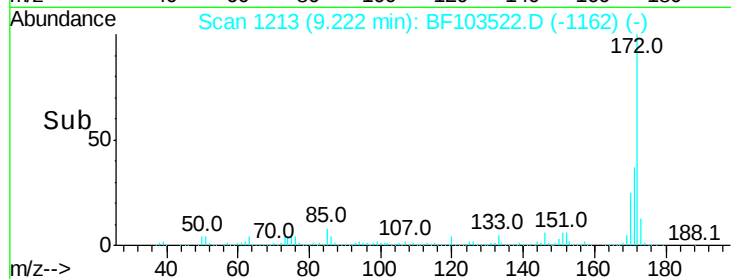
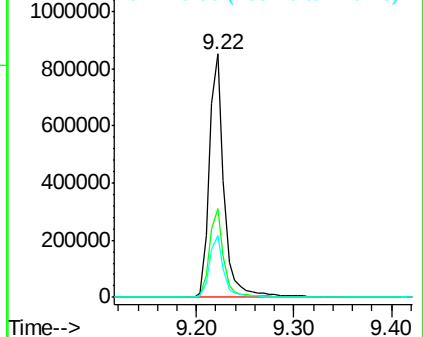
#44
2-Fluorobiphenyl
Concen: 62.161 ng
RT: 9.22 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BF103522.D
Acq: 8 Mar 2018 17:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 891642
Ion Ratio Lower Upper
172 100
171 36.5 29.7 44.5
170 25.3 19.6 29.4

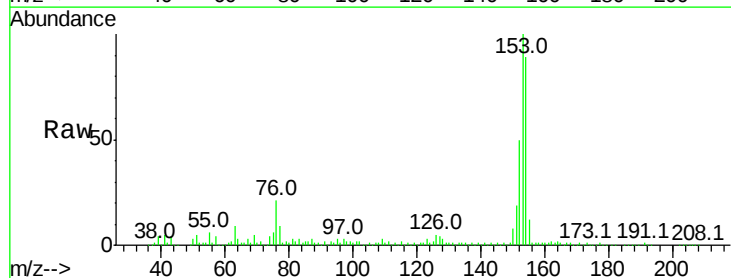


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

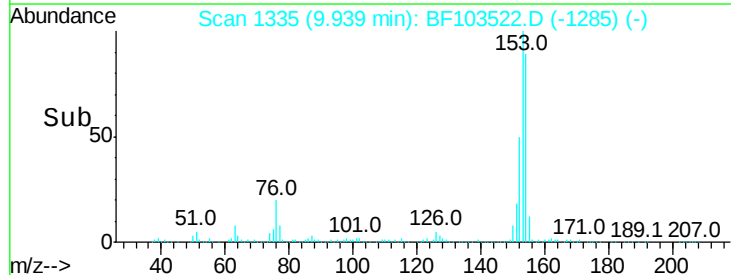
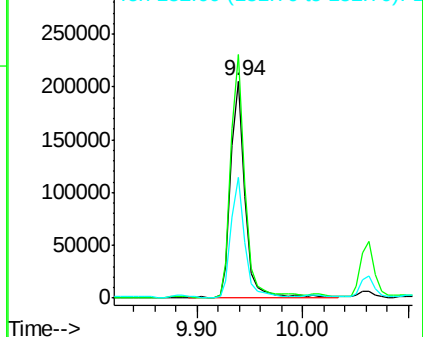


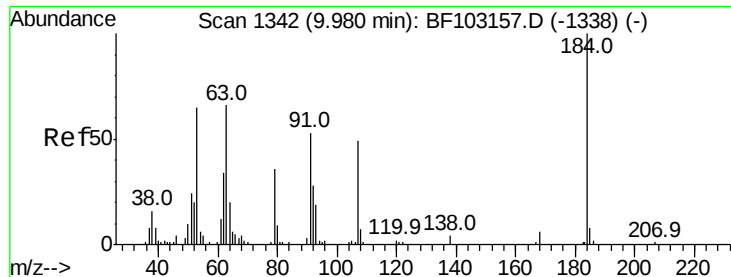
#51
Acenaphthene
Concen: 13.787 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF103522.D
Acq: 8 Mar 2018 17:48

Tgt Ion:154 Resp: 189801
Ion Ratio Lower Upper
154 100
153 112.0 91.2 136.8
152 55.7 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#53

2,4-Dinitrophenol

Concen: 10.013 ng

RT: 10.12 min Scan# 1366

Delta R.T. 0.12 min

Lab File: BF103522.D

Acq: 8 Mar 2018 17:48

Instrument :

BNA_F

ClientSampleId :

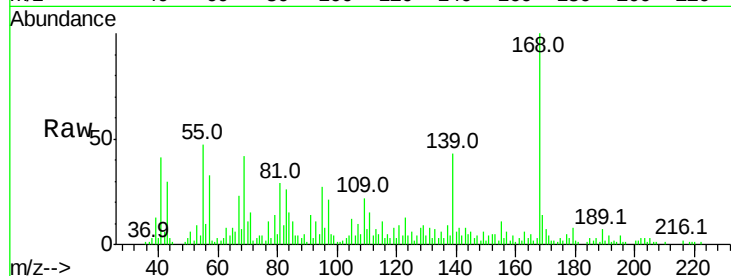
Tot Ion:184 Resp: 627

Ion Ratio Lower Upper

184 100

63 695.5 54.2 81.2#

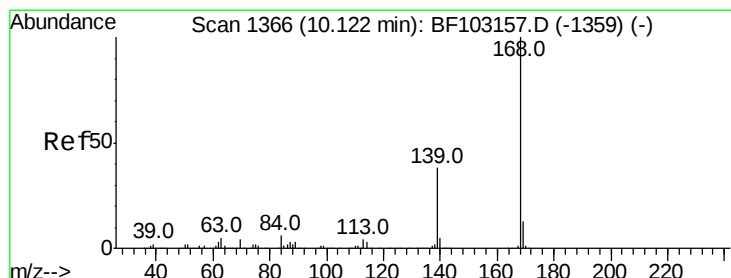
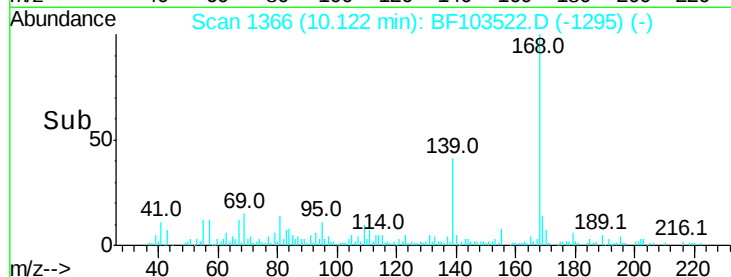
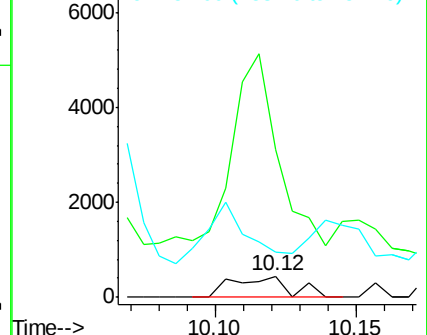
154 209.8 184.0 276.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 3.916 ng

RT: 10.12 min Scan# 1365

Delta R.T. 0.00 min

Lab File: BF103522.D

Acq: 8 Mar 2018 17:48

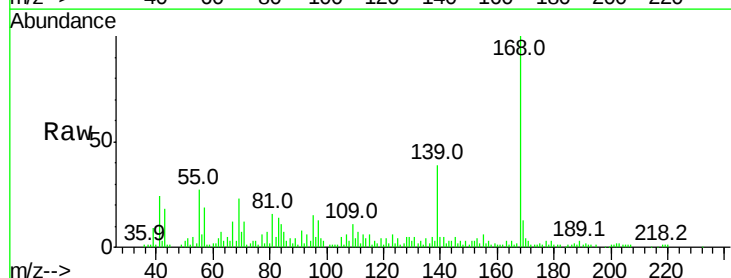
Tgt Ion:168 Resp: 73998

Ion Ratio Lower Upper

168 100

139 39.3 30.1 45.1

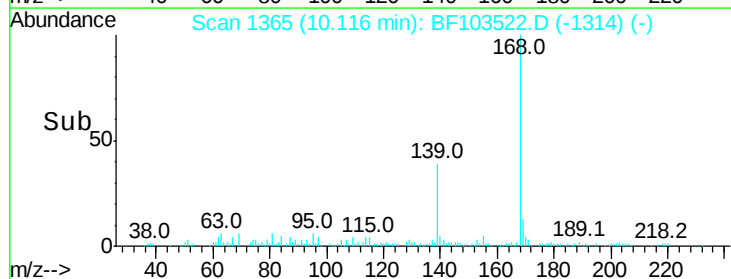
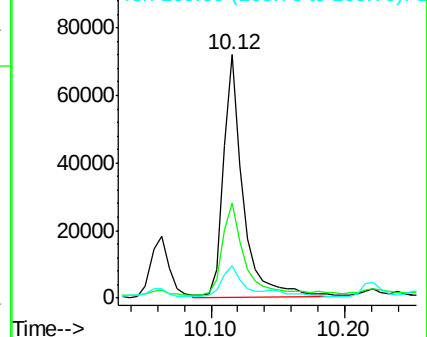
169 13.2 10.9 16.3

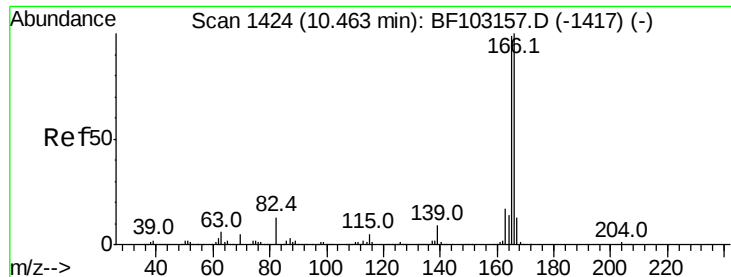


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

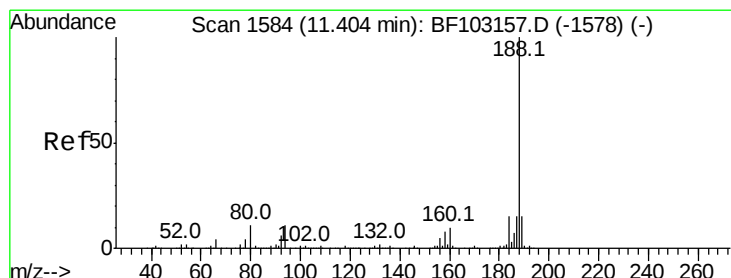
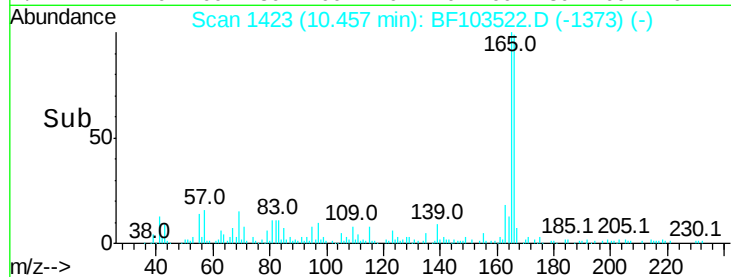
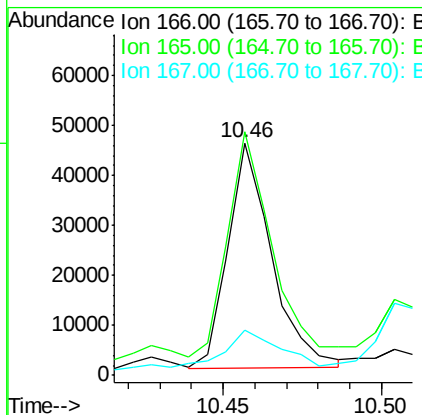
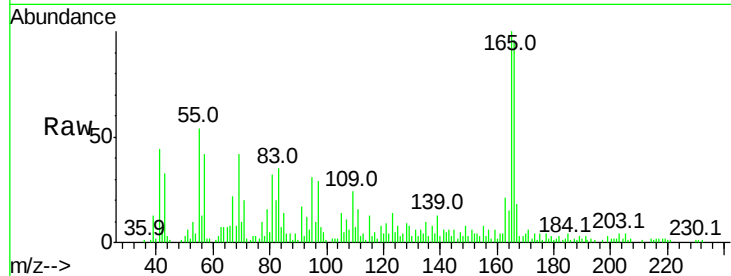




#57
Fluorene
 Concen: 2.683 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF103522.D
 Acq: 8 Mar 2018 17:48

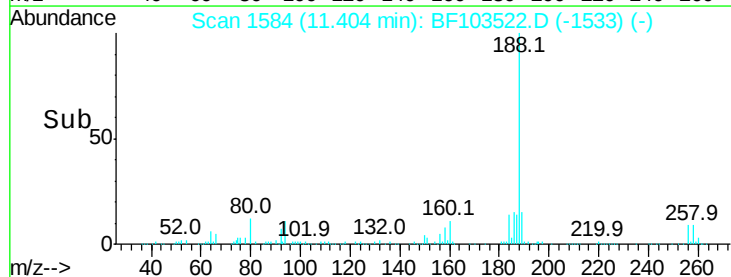
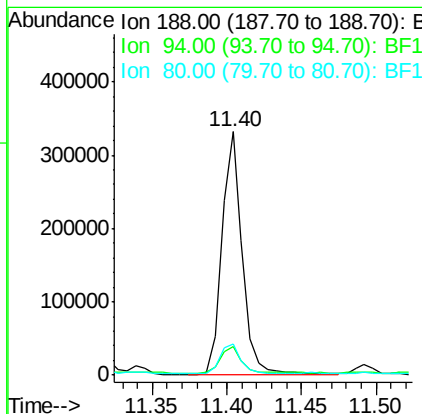
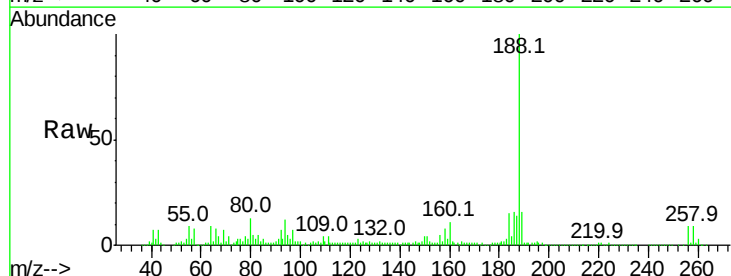
Instrument :
 BNA_F
 ClientSampleId :

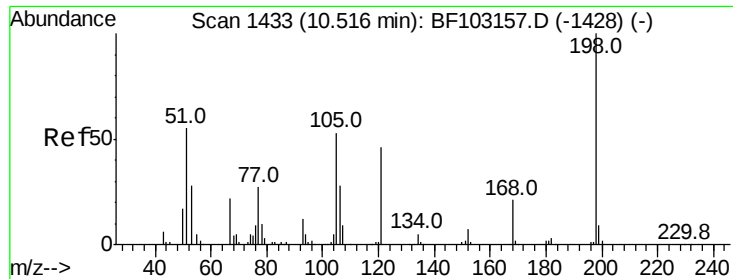
Tot Ion:166 Resp: 43191
 Ion Ratio Lower Upper
 166 100
 165 104.7 79.8 119.8
 167 19.3 10.6 16.0#



#63
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF103522.D
 Acq: 8 Mar 2018 17:48

Tgt Ion:188 Resp: 317712
 Ion Ratio Lower Upper
 188 100
 94 12.0 8.5 12.7
 80 12.6 9.2 13.8

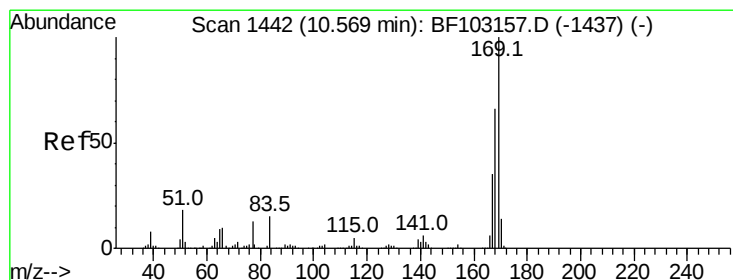
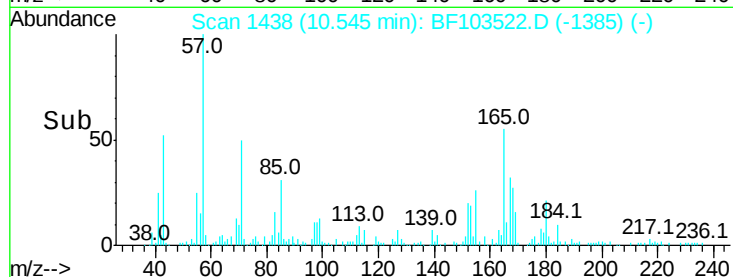
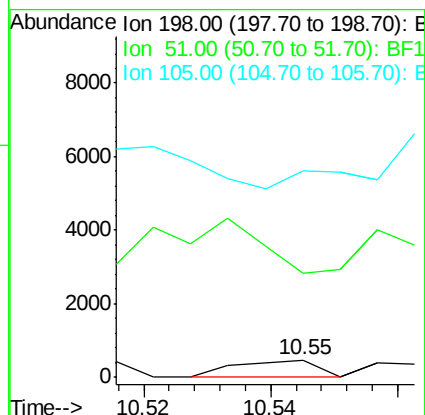
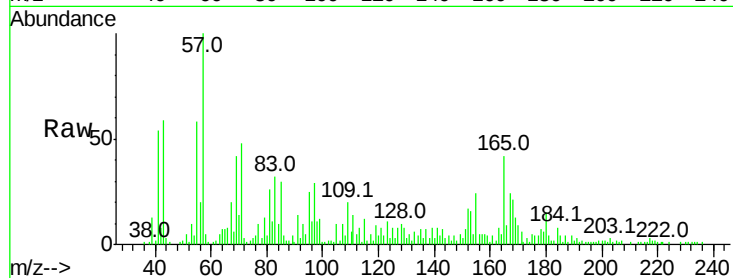




#64
4,6-Dinitro-2-methylphenol
Concen: 5.142 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.01 min
Lab File: BF103522.D
Acq: 8 Mar 2018 17:48

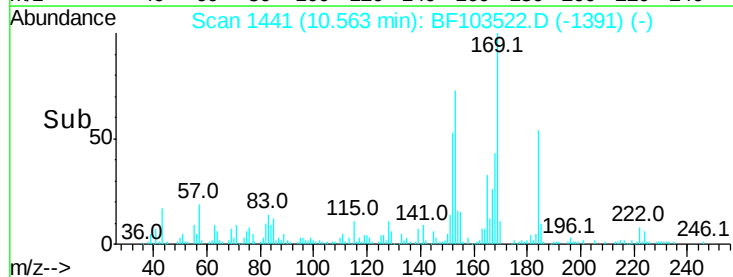
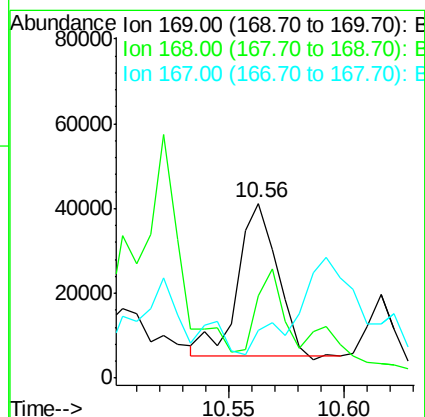
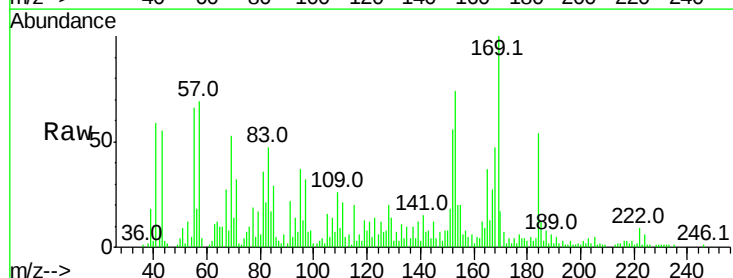
Instrument :
BNA_F
ClientSampleId :

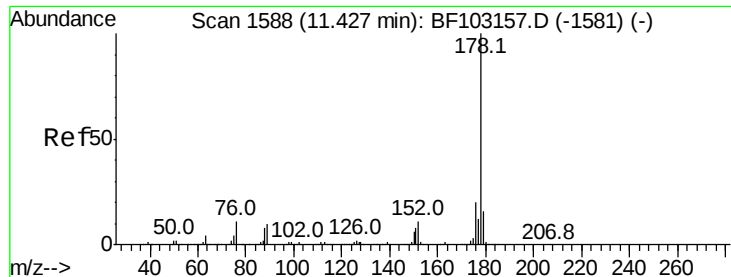
Tot Ion:198 Resp: 423
Ion Ratio Lower Upper
198 100
51 595.4 37.7 77.7#
105 1182.7 36.3 76.3#



#65
n-Nitrosodiphenylamine
Concen: 3.903 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF103522.D
Acq: 8 Mar 2018 17:48

Tgt Ion:169 Resp: 43173
Ion Ratio Lower Upper
169 100
168 46.8 54.4 81.6#
167 27.2 29.8 44.6#





#70

Phenanthrene

Concen: 13.994 ng

RT: 11.43 min Scan# 1588

Delta R.T. 0.00 min

Lab File: BF103522.D

Acq: 8 Mar 2018 17:48

Instrument :

BNA_F

ClientSampleId :

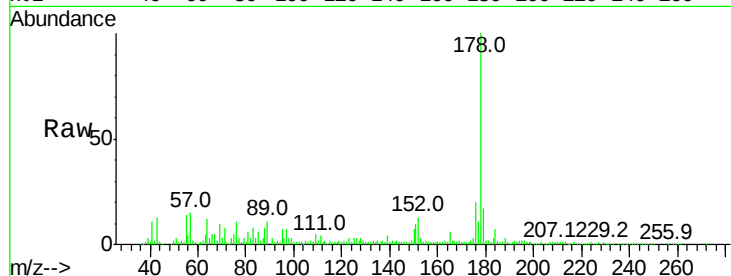
Tot Ion:178 Resp: 244688

Ion Ratio Lower Upper

178 100

176 20.1 15.8 23.8

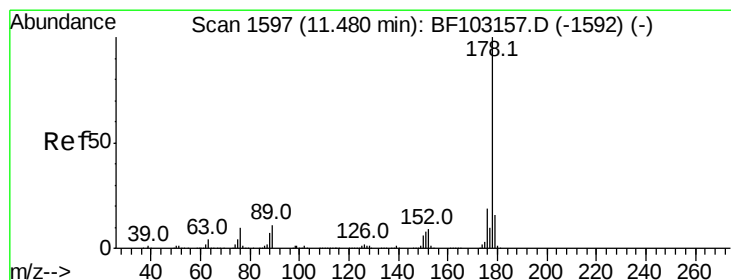
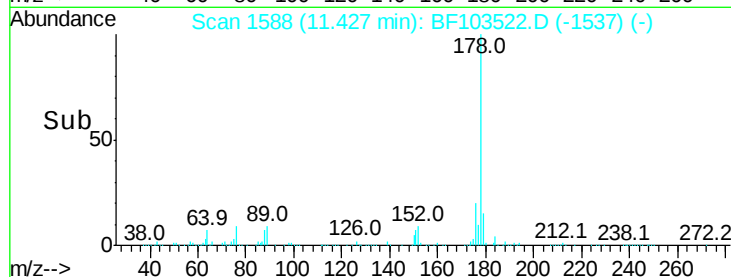
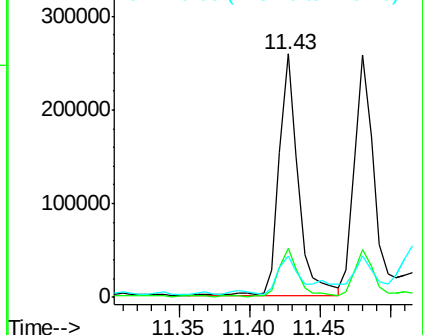
179 17.1 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 12.548 ng

RT: 11.48 min Scan# 1597

Delta R.T. 0.00 min

Lab File: BF103522.D

Acq: 8 Mar 2018 17:48

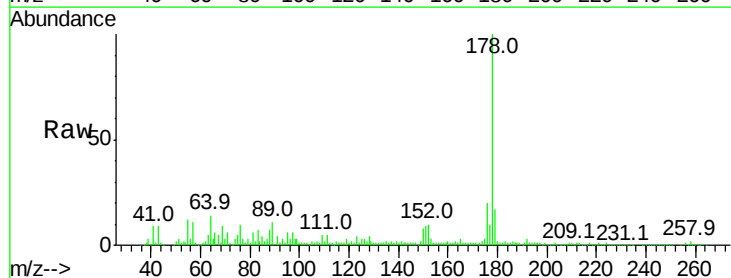
Tgt Ion:178 Resp: 224987

Ion Ratio Lower Upper

178 100

176 19.9 15.4 23.2

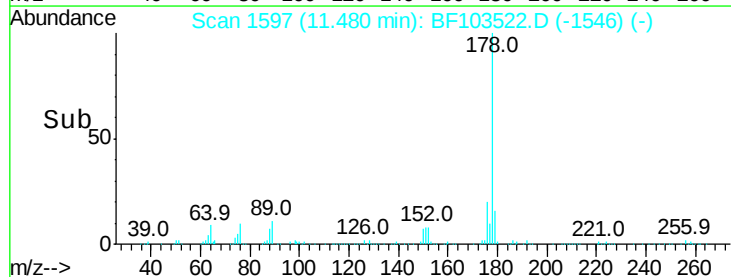
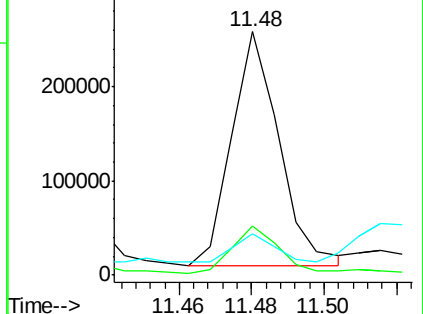
179 16.9 12.6 19.0

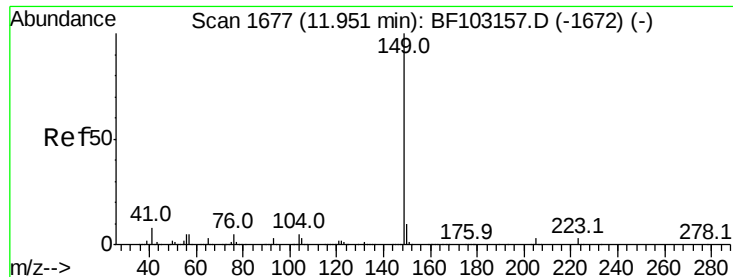


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Di-n-butylphthalate

Concen: 10.781 ng

RT: 11.95 min Scan# 1677

Delta R.T. 0.00 min

Lab File: BF103522.D

Acq: 8 Mar 2018 17:48

Instrument :

BNA_F

ClientSampleId :

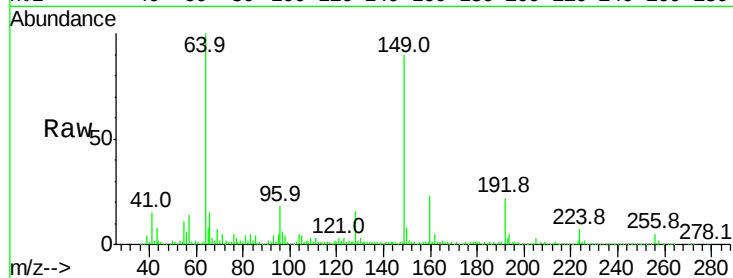
Tot Ion:149 Resp: 240867

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

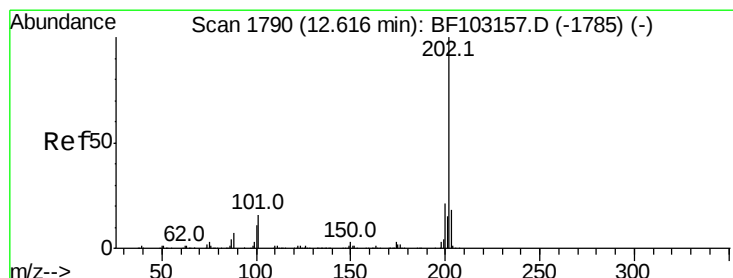
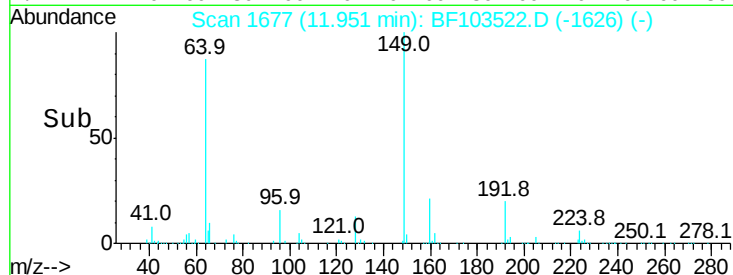
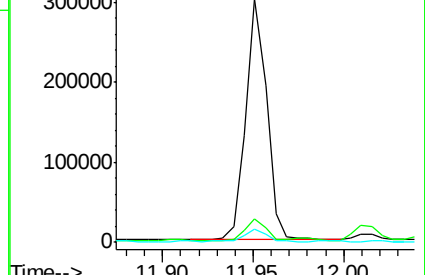
104 5.3 3.8 5.8



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: 46.744 ng

RT: 12.64 min Scan# 1794

Delta R.T. 0.02 min

Lab File: BF103522.D

Acq: 8 Mar 2018 17:48

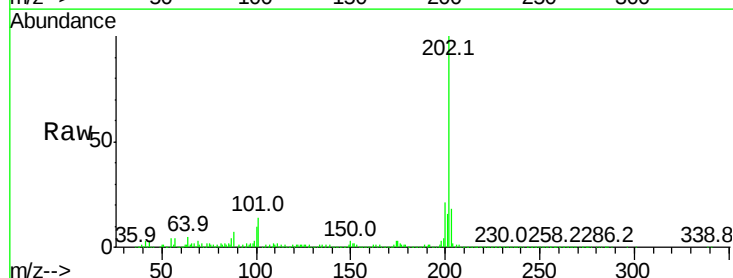
Tgt Ion:202 Resp: 821303

Ion Ratio Lower Upper

202 100

101 13.6 0.0 34.1

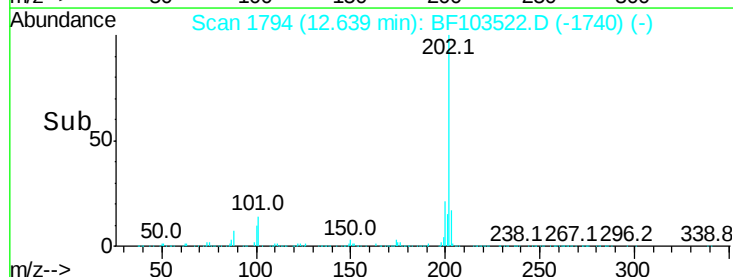
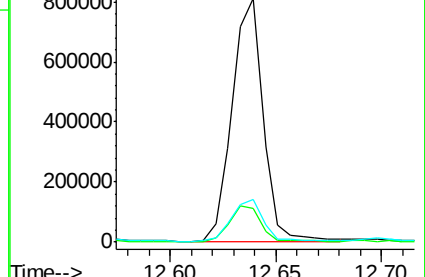
203 17.5 0.0 38.1

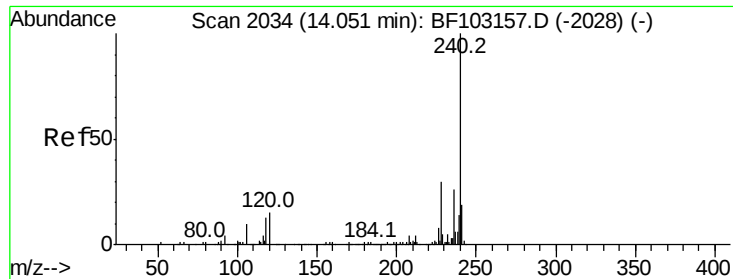


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.07 min Scan# 2037

Delta R.T. 0.01 min

Lab File: BF103522.D

Acq: 8 Mar 2018 17:48

Instrument :

BNA_F

ClientSampled :

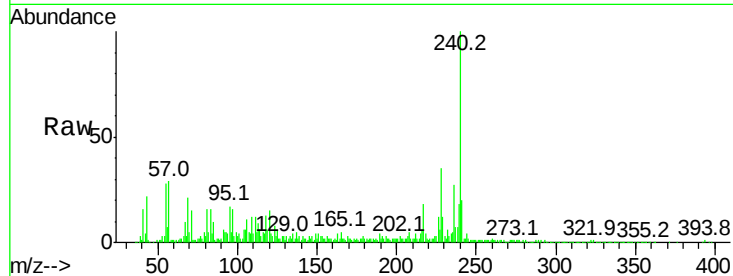
Tot Ion:240 Resp: 208229

Ion Ratio Lower Upper

240 100

120 14.9 9.5 14.3#

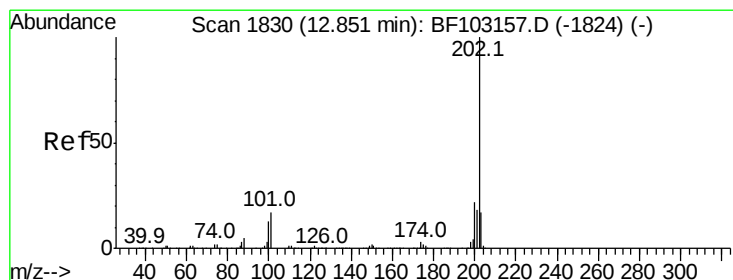
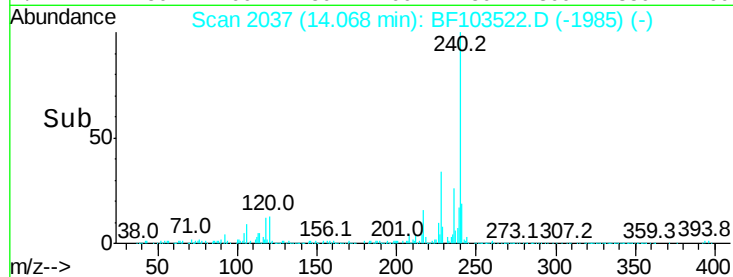
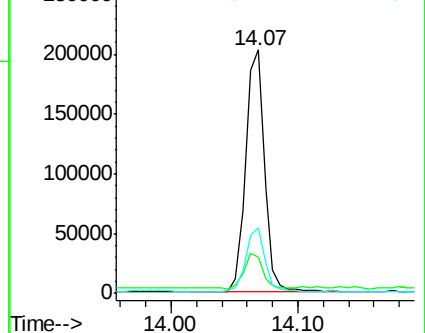
236 26.8 20.7 31.1



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



#77

Pyrene

Concen: 47.281 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.01 min

Lab File: BF103522.D

Acq: 8 Mar 2018 17:48

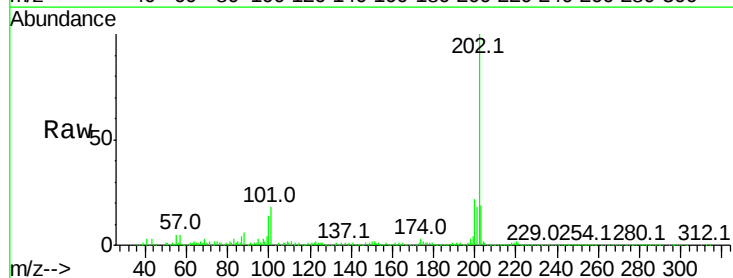
Tgt Ion:202 Resp: 767591

Ion Ratio Lower Upper

202 100

200 21.7 17.4 26.2

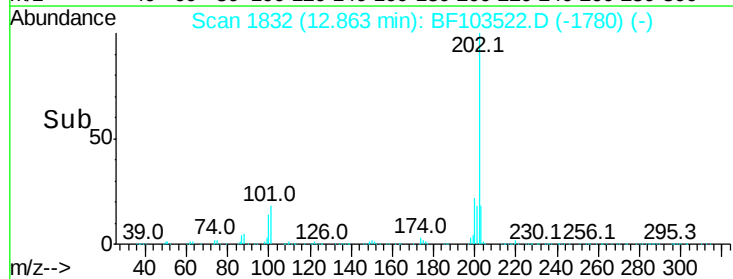
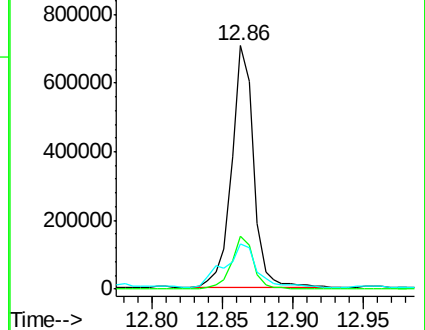
203 18.7 14.3 21.5

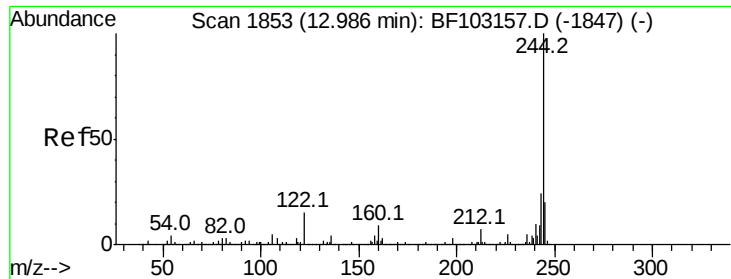


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

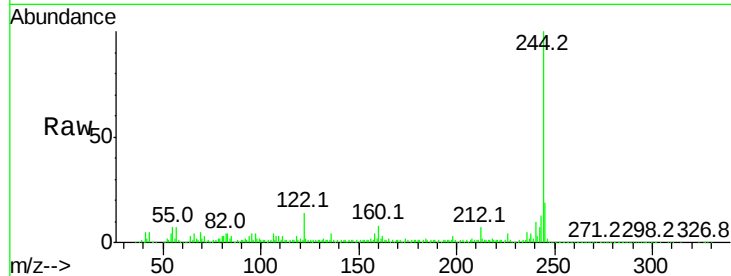




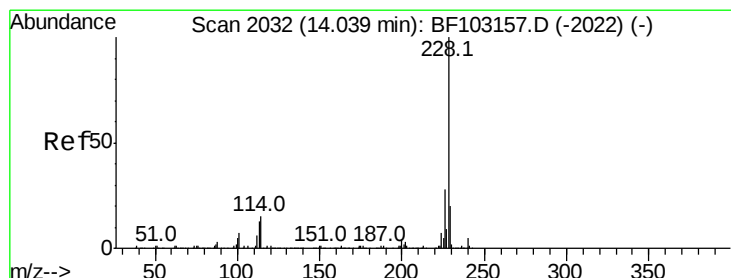
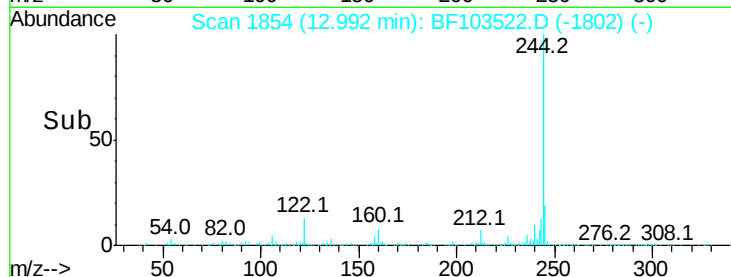
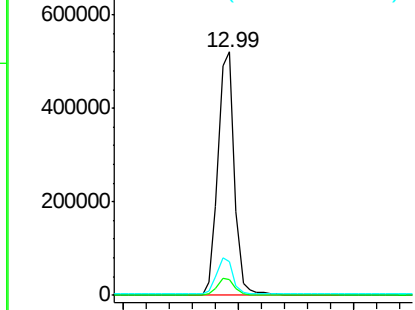
#78
 Terphenyl-d14
 Concen: 59.830 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. 0.01 min
 Lab File: BF103522.D
 Acq: 8 Mar 2018 17:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 518262
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 13.6 11.0 16.4

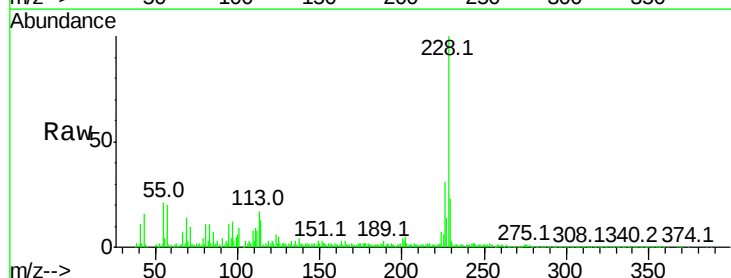


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

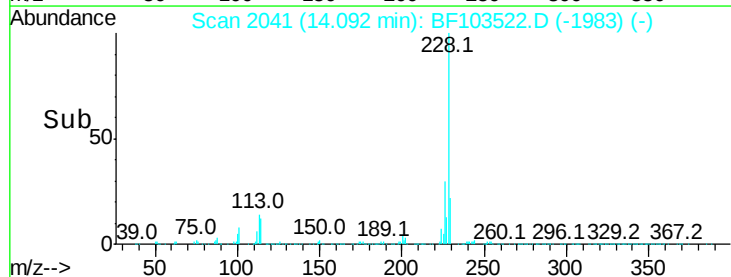
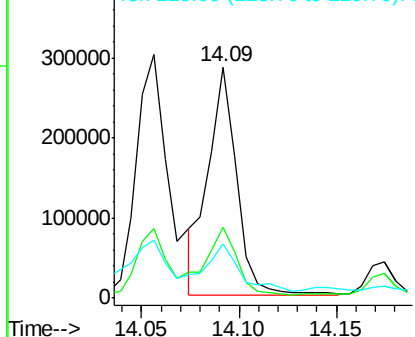


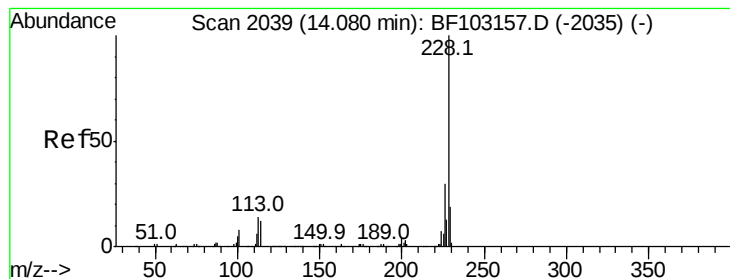
#80
 Benzo(a)anthracene
 Concen: 21.637 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. 0.04 min
 Lab File: BF103522.D
 Acq: 8 Mar 2018 17:48

Tgt Ion:228 Resp: 292332
 Ion Ratio Lower Upper
 228 100
 226 30.8 22.6 33.8
 229 23.4 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 22.284 ng

RT: 14.09 min Scan# 2041

Delta R.T. 0.00 min

Lab File: BF103522.D

Acq: 8 Mar 2018 17:48

Instrument :

BNA_F

ClientSampleId :

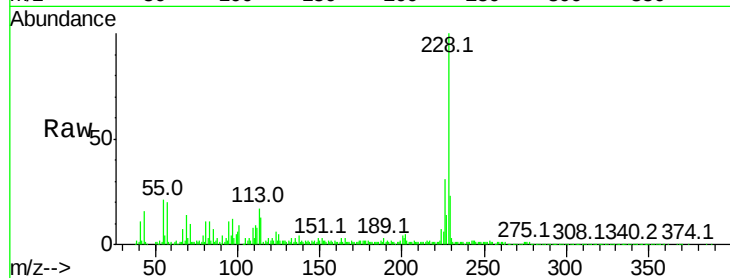
Tot Ion:228 Resp: 292332

Ion Ratio Lower Upper

228 100

226 30.8 25.0 37.6

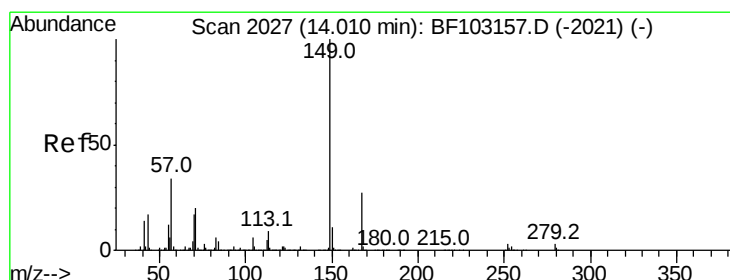
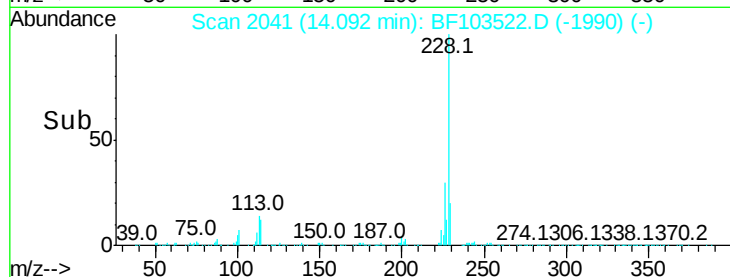
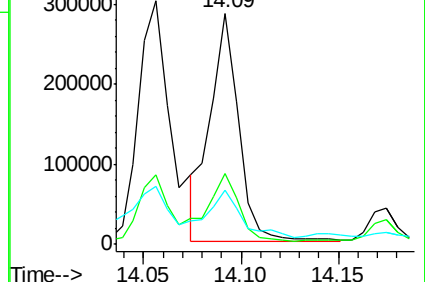
229 23.4 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 22.233 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BF103522.D

Acq: 8 Mar 2018 17:48

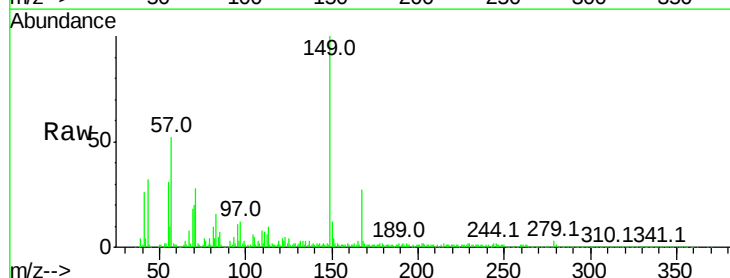
Tgt Ion:149 Resp: 257350

Ion Ratio Lower Upper

149 100

167 26.7 21.3 31.9

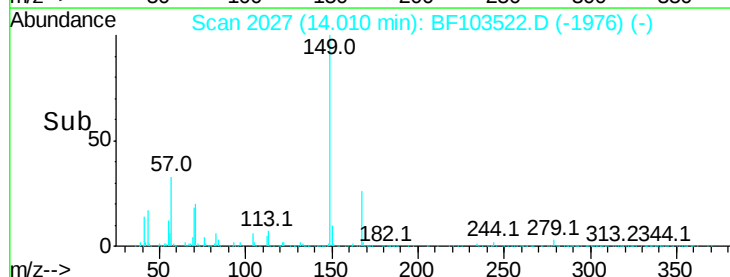
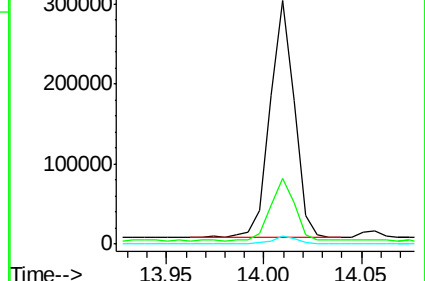
279 3.1 3.0 4.4

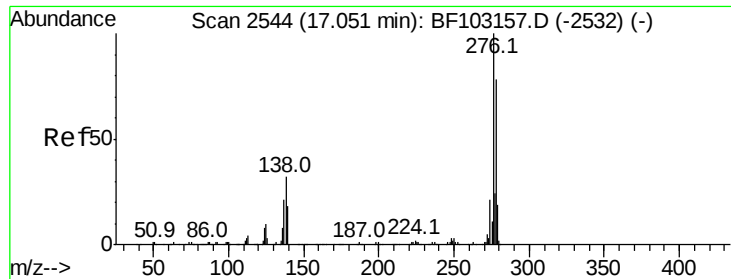


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

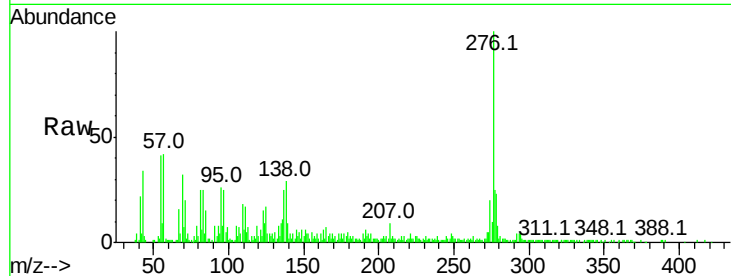




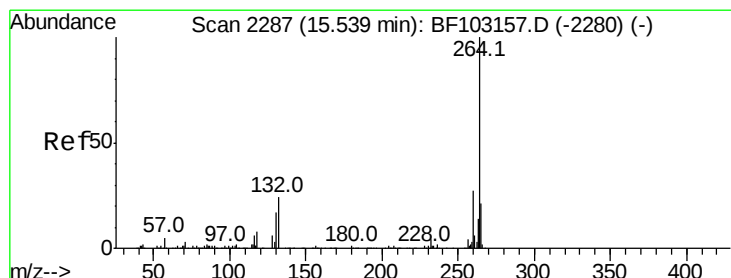
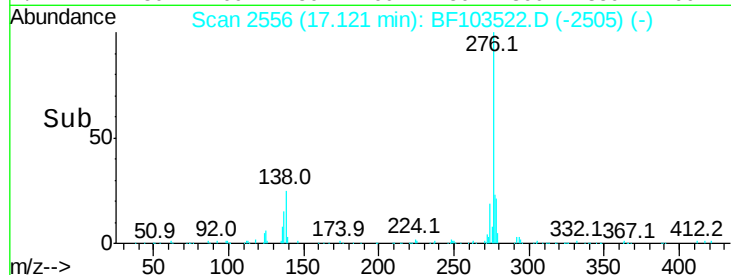
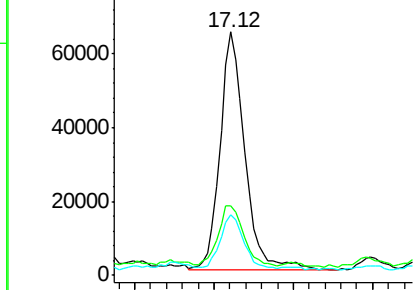
#85
Indeno(1,2,3-cd)pyrene
Concen: 13.554 ng
RT: 17.12 min Scan# 2556
Delta R.T. 0.00 min
Lab File: BF103522.D
Acq: 8 Mar 2018 17:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 140763
Ion Ratio Lower Upper
276 100
138 25.8 25.0 37.6
277 22.4 20.1 30.1

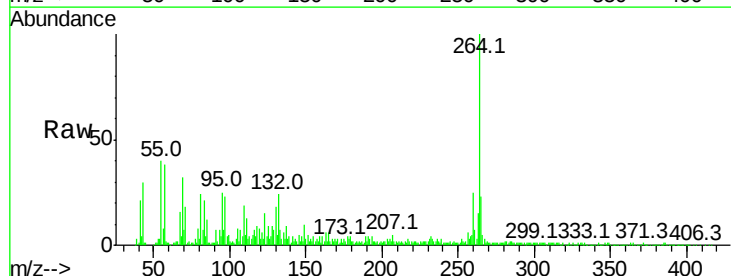


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

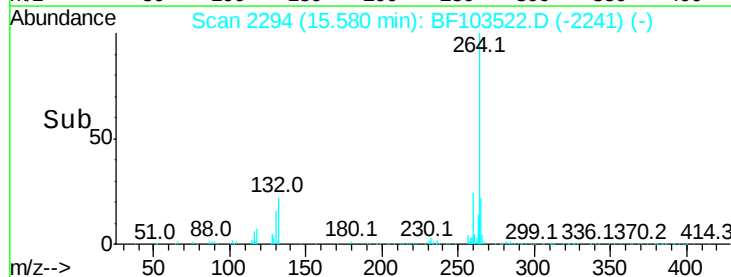
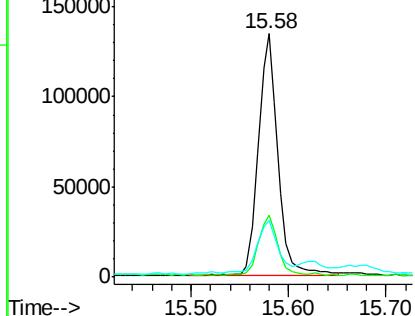


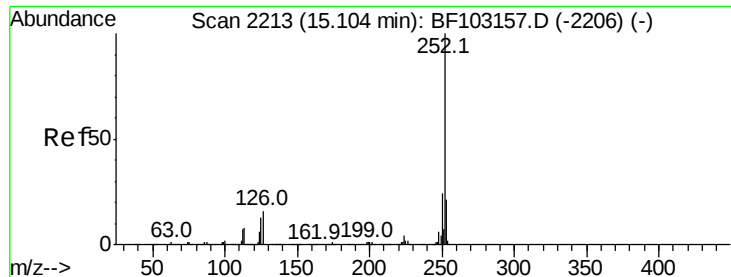
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.58 min Scan# 2294
Delta R.T. 0.01 min
Lab File: BF103522.D
Acq: 8 Mar 2018 17:48

Tgt Ion:264 Resp: 191003
Ion Ratio Lower Upper
264 100
260 25.4 19.2 28.8
265 23.1 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: 36.960 ng

RT: 15.13 min Scan# 2218

Delta R.T. 0.01 min

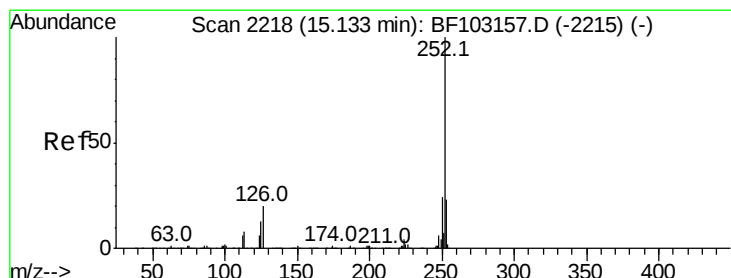
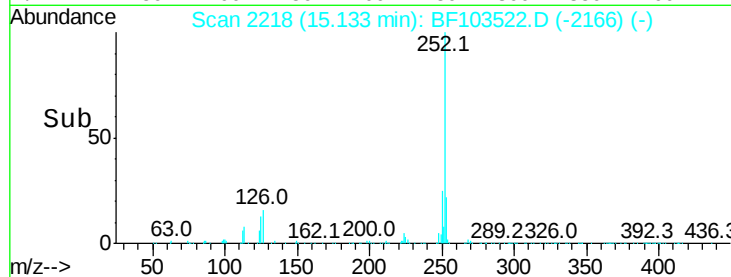
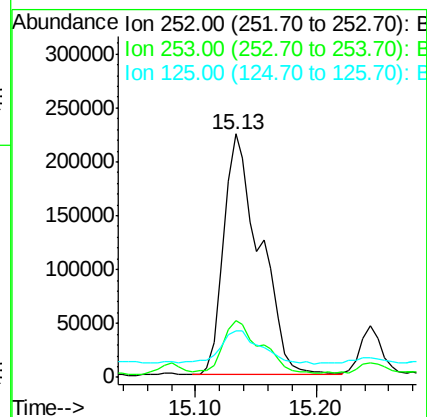
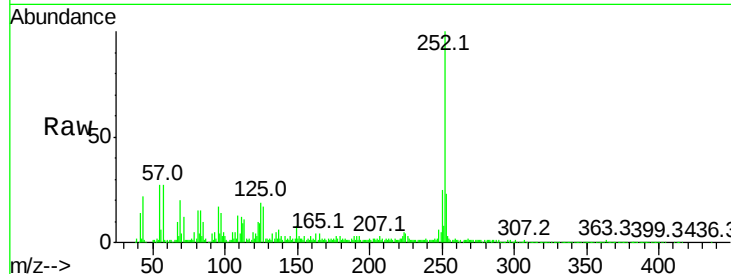
Lab File: BF103522.D

Acq: 8 Mar 2018 17:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 464154

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.0	25.6
125	19.1	9.0	13.6#



#88

Benzo(k)fluoranthene

Concen: 39.250 ng

RT: 15.13 min Scan# 2218

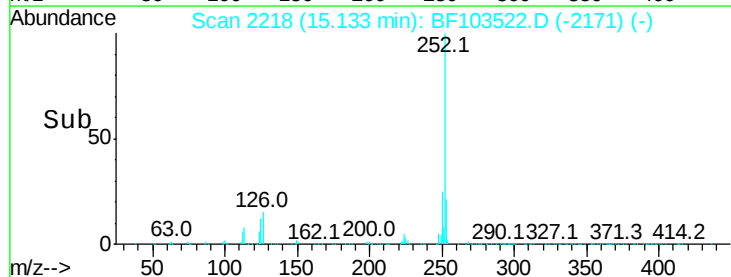
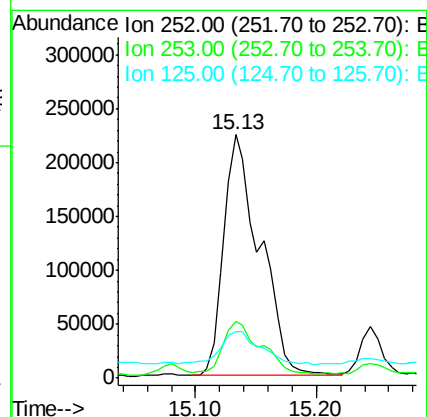
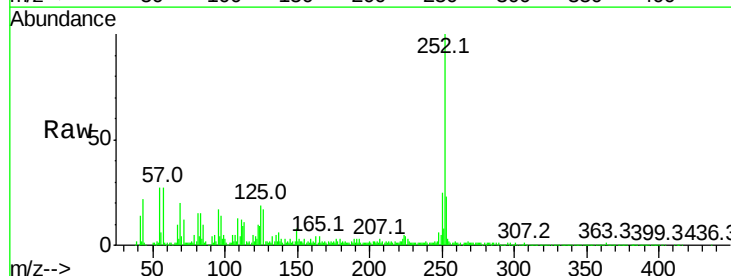
Delta R.T. -0.02 min

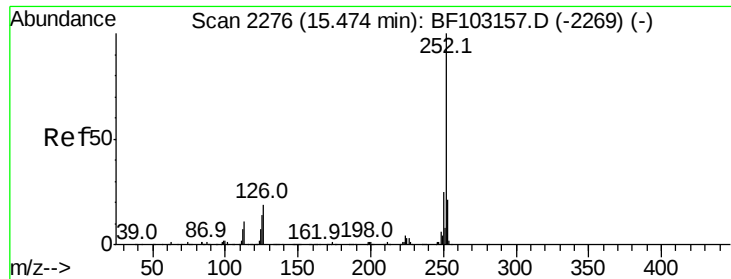
Lab File: BF103522.D

Acq: 8 Mar 2018 17:48

Tgt Ion:252 Resp: 464154

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.9	26.9
125	19.1	10.2	15.2#





#89

Benzo(a)pyrene

Concen: 21.549 ng

RT: 15.52 min Scan# 2283

Delta R.T. 0.01 min

Lab File: BF103522.D

Acq: 8 Mar 2018 17:48

Instrument :

BNA_F

ClientSampled :

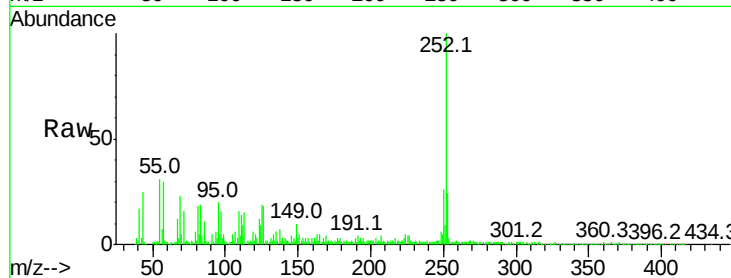
Tot Ion:252 Resp: 241659

Ion Ratio Lower Upper

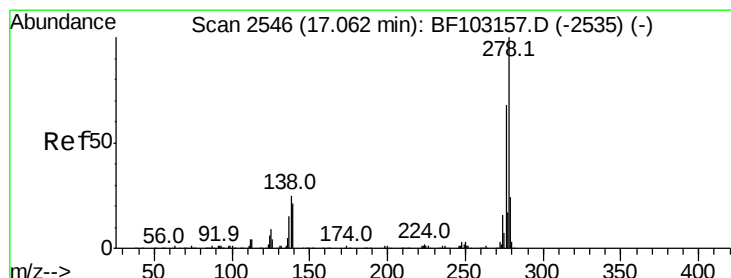
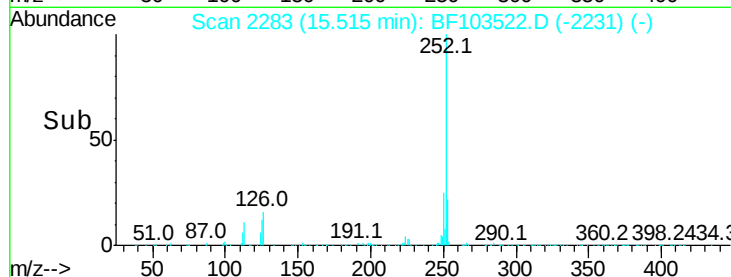
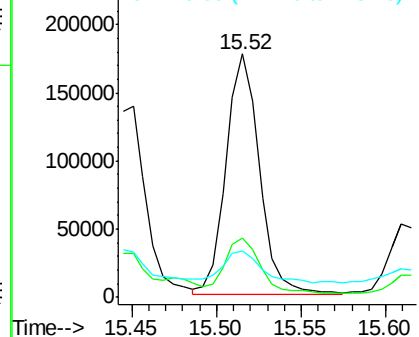
252 100

253 24.2 17.1 25.7

125 19.3 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: 3.891 ng

RT: 17.12 min Scan# 2555

Delta R.T. -0.01 min

Lab File: BF103522.D

Acq: 8 Mar 2018 17:48

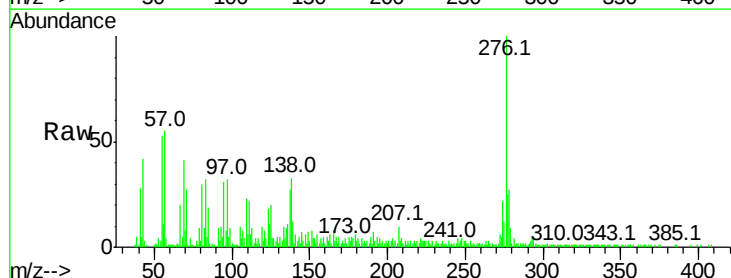
Tgt Ion:278 Resp: 33714

Ion Ratio Lower Upper

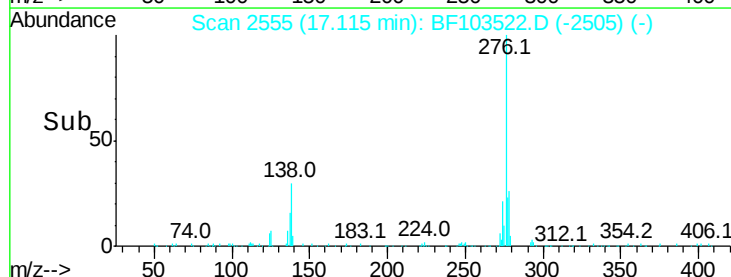
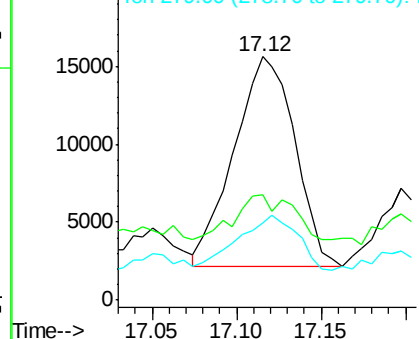
278 100

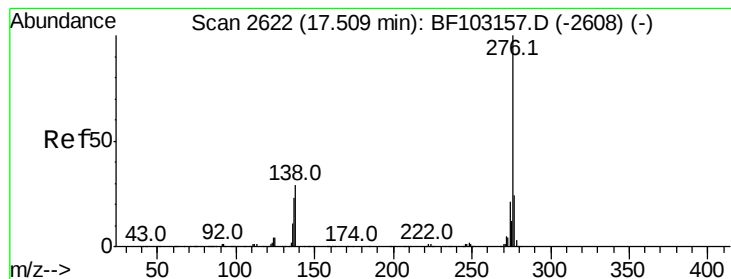
139 43.0 15.9 23.9#

279 32.0 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: 15.422 ng

RT: 17.60 min Scan# 2637

Delta R.T. 0.02 min

Lab File: BF103522.D

Acq: 8 Mar 2018 17:48

Instrument :

BNA_F

ClientSampleId :

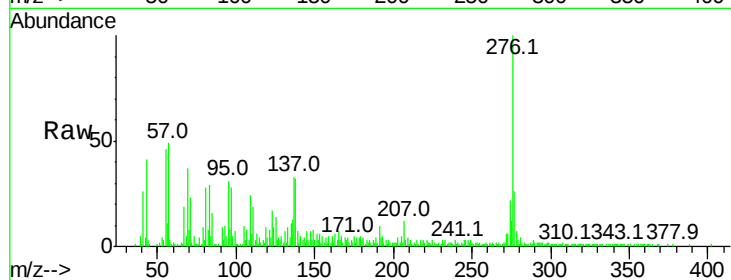
Tot Ion:276 Resp: 130614

Ion Ratio Lower Upper

276 100

277 26.4 17.9 26.9

138 32.0 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

