

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030618\
 Data File : BF103468.D
 Acq On : 6 Mar 2018 21:02
 Operator : SJ/JU
 Sample : J1722-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 07 00:14:32 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 06 11:52:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	129346	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	533486	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	213567	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	310581	20.00	ng	0.00
75) Chrysene-d12	14.06	240	205740	20.00	ng	0.00
86) Perylene-d12	15.57	264	154990	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	955782	111.76	ng	0.00
7) Phenol-d6	6.51	99	1151357	110.02	ng	0.00
23) Nitrobenzene-d5	7.44	82	730881	78.24	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	135555	74.99	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	954967	74.85	ng	0.00
78) Terphenyl-d14	12.99	244	610153	71.29	ng	0.00

Target Compounds

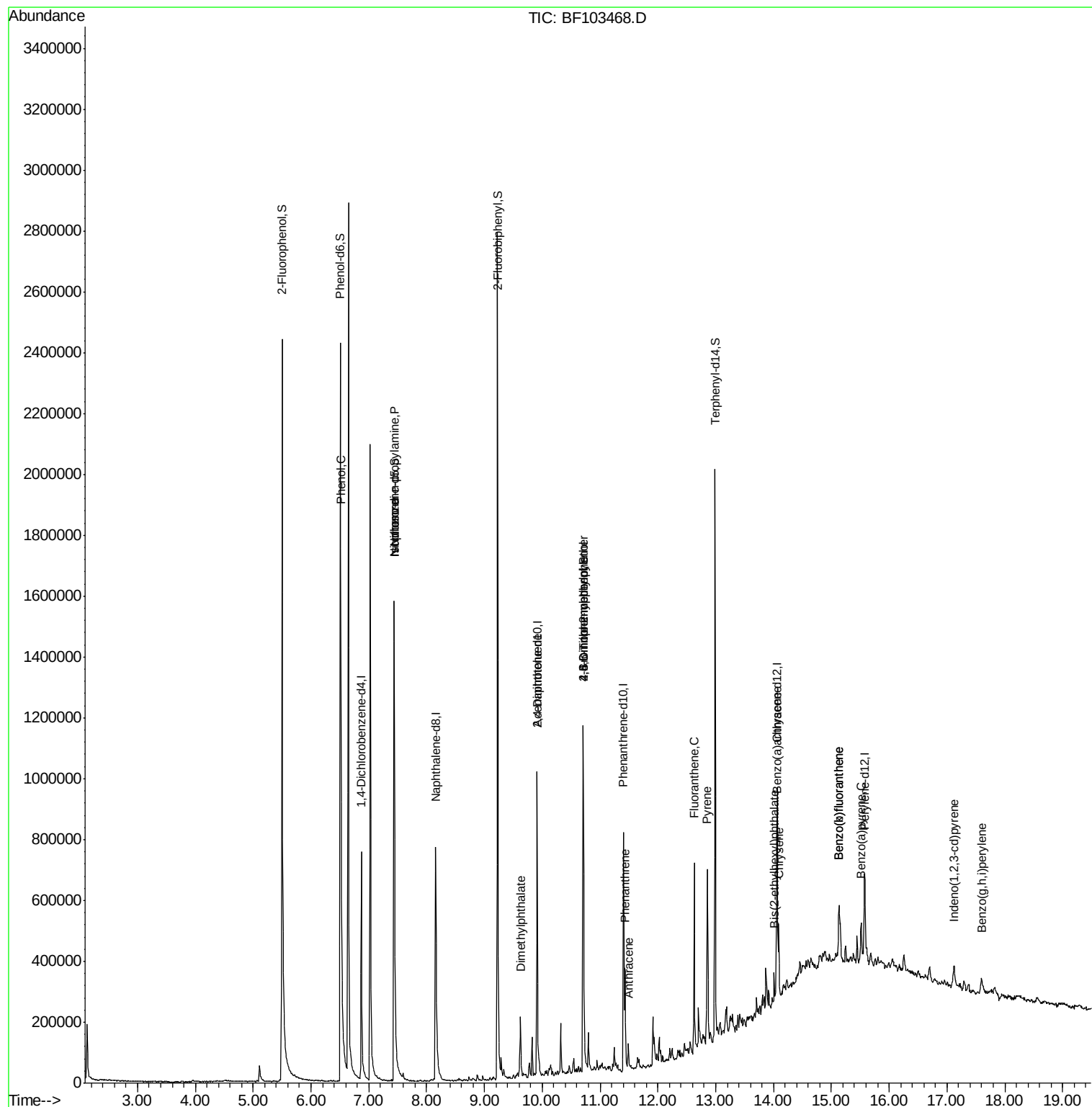
					Qvalue	
9) Benzaldehyde	6.51	77	3452	Below Cal	#	15
10) Phenol	6.52	94	88238	7.263 ng	#	72
19) n-Nitroso-di-n-propylamine	7.44	70	96230	14.775 ng	#	83
25) Isophorone	7.44	82	730877	39.725 ng	#	64
49) Dimethylphthalate	9.62	163	91845	5.361 ng		100
56) 2,4-Dinitrotoluene	9.91	165	27871	6.129 ng	#	24
64) 4,6-Dinitro-2-methylphenol	10.70	198	300	5.088 ng	#	1
66) 4-Bromophenyl-phenylether	10.71	248	9607	2.969 ng	#	1
70) Phenanthrene	11.43	178	127052	7.433 ng		98
71) Anthracene	11.49	178	39697	2.265 ng		97
74) Fluoranthene	12.63	202	247598	14.416 ng		99
77) Pyrene	12.86	202	243125	15.157 ng		99
80) Benzo(a)anthracene	14.05	228	107250	8.034 ng		97
82) Chrysene	14.09	228	102200	7.885 ng		97
83) Bis(2-ethylhexyl)phthalate	14.01	149	25957	2.270 ng		99
85) Indeno(1,2,3-cd)pyrene	17.13	276	39286	3.828 ng		97
87) Benzo(b)fluoranthene	15.13	252	141592	13.895 ng	#	89
88) Benzo(k)fluoranthene	15.13	252	141592	14.755 ng	#	92
89) Benzo(a)pyrene	15.52	252	70533	7.751 ng	#	91
91) Benzo(a,h,i)perylene	17.60	276	38790	5.644 ng	#	87

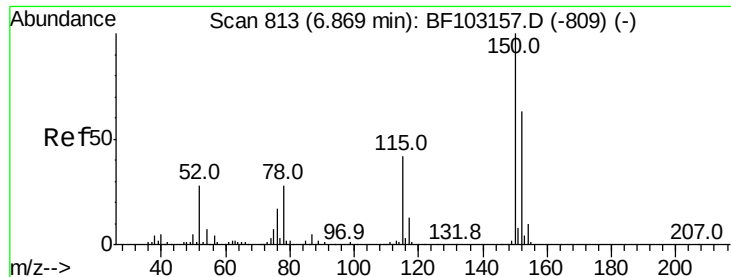
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103468.D
Acq On : 6 Mar 2018 21:02
Operator : SJ/JU
Sample : J1722-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 07 00:14:32 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 06 11:52:59 2018
Response via : Initial Calibration



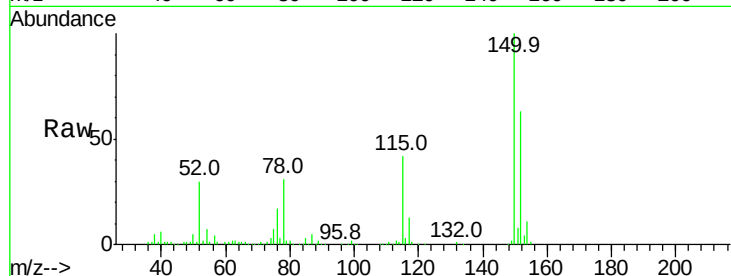


#1

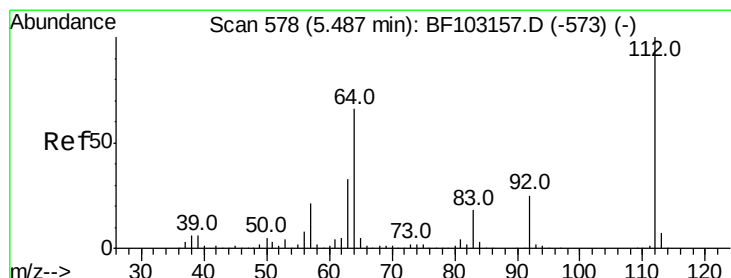
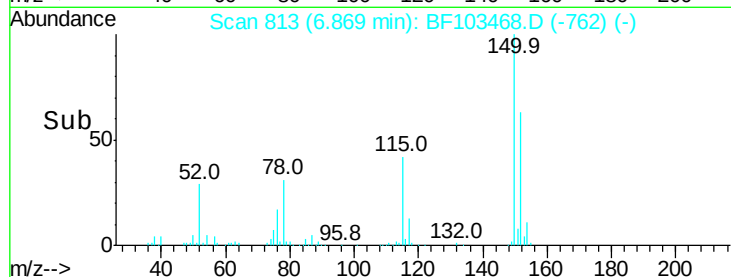
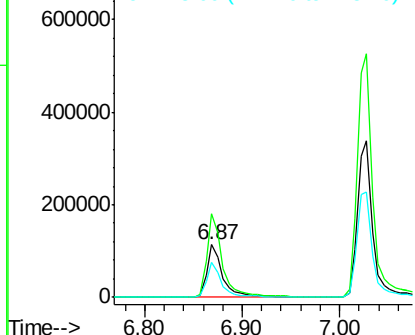
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF103468.D
Acq: 6 Mar 2018 21:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 129346
Ion Ratio Lower Upper
152 100
150 159.3 124.6 186.8
115 66.8 50.1 75.1



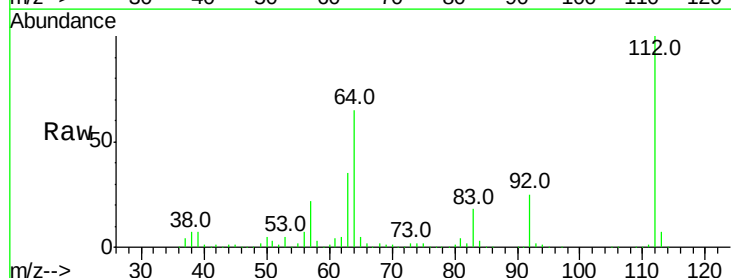
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



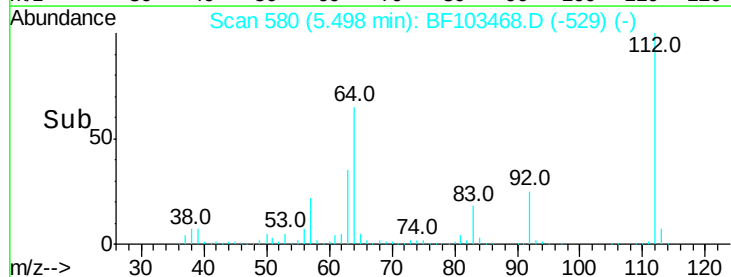
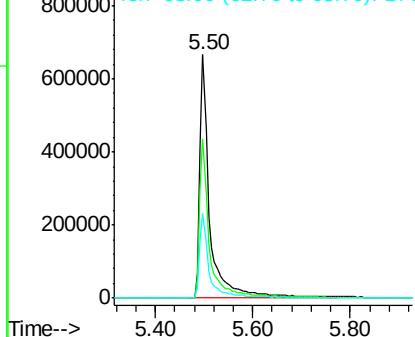
#5

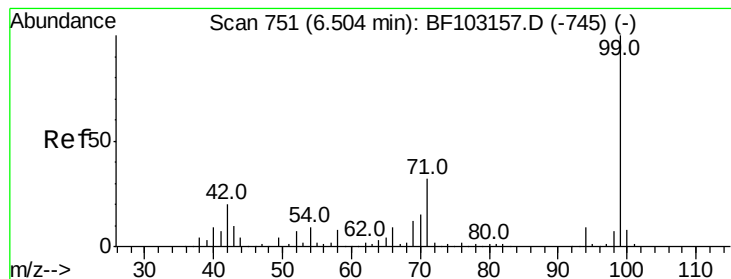
2-Fluorophenol
Concen: 111.759 ng
RT: 5.50 min Scan# 580
Delta R.T. -0.00 min
Lab File: BF103468.D
Acq: 6 Mar 2018 21:02

Tgt Ion:112 Resp: 955782
Ion Ratio Lower Upper
112 100
64 65.2 47.9 71.9
63 34.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 110.021 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF103468.D

Acq: 6 Mar 2018 21:02

Instrument :

BNA_F

ClientSampleId :

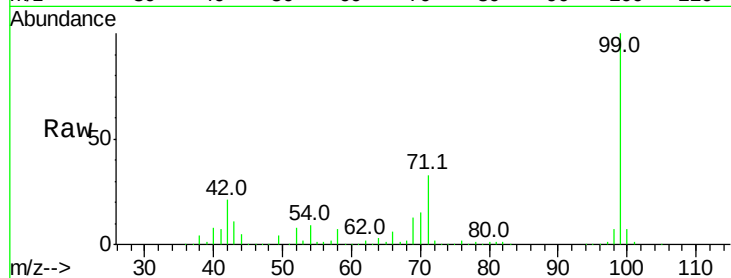
Tot Ion: 99 Resp: 1151357

Ion Ratio Lower Upper

99 100

42 20.9 14.5 21.7

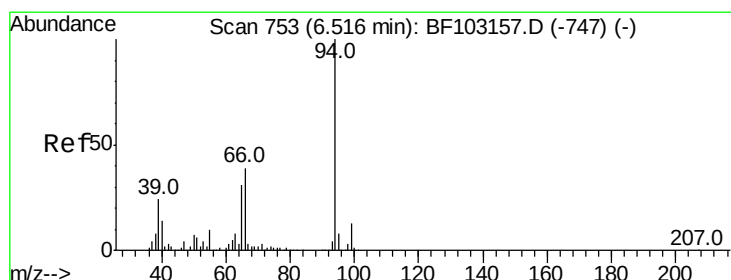
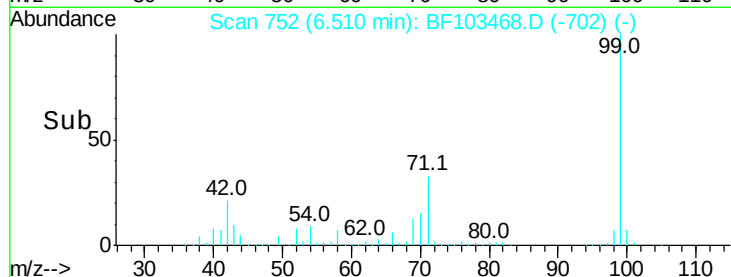
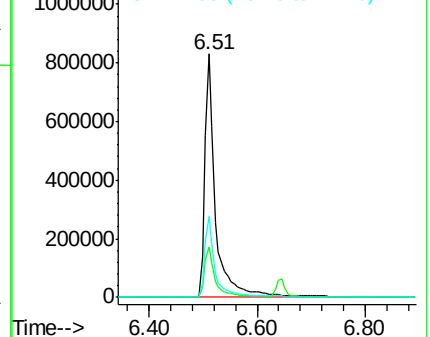
71 33.4 25.4 38.0



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



#10

Phenol

Concen: 7.263 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF103468.D

Acq: 6 Mar 2018 21:02

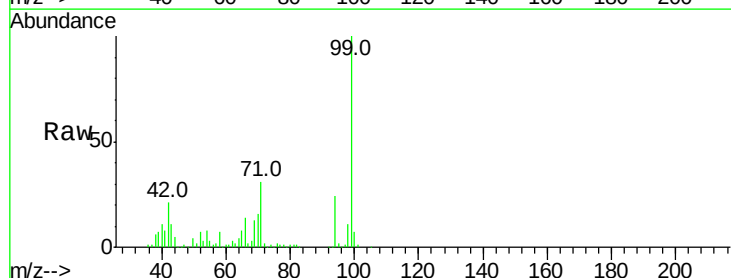
Tgt Ion: 94 Resp: 88238

Ion Ratio Lower Upper

94 100

65 34.3 7.9 47.9

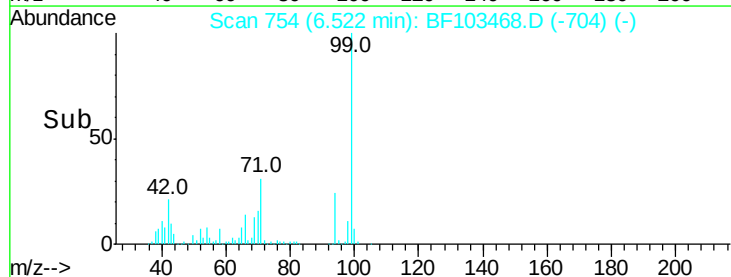
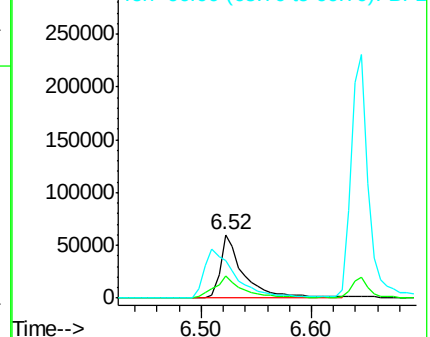
66 59.6 16.2 56.2#

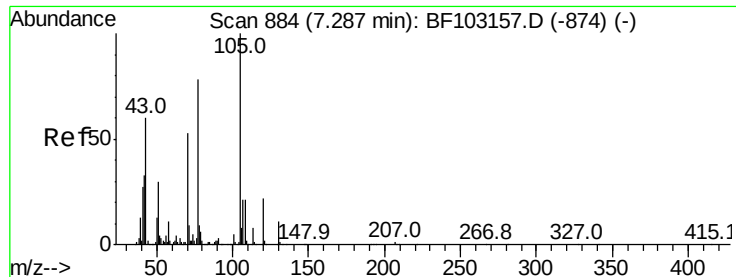


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

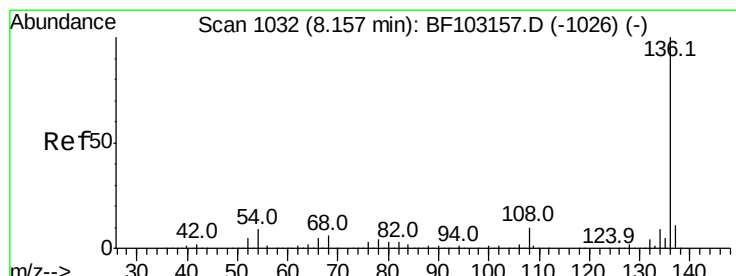
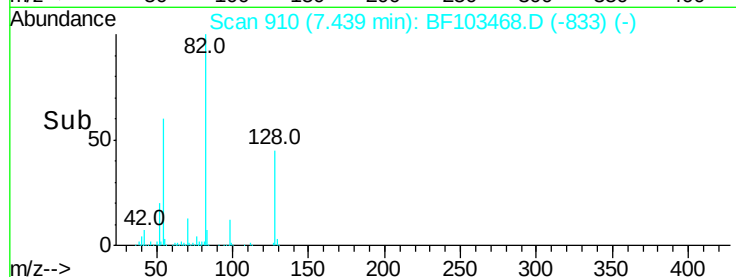
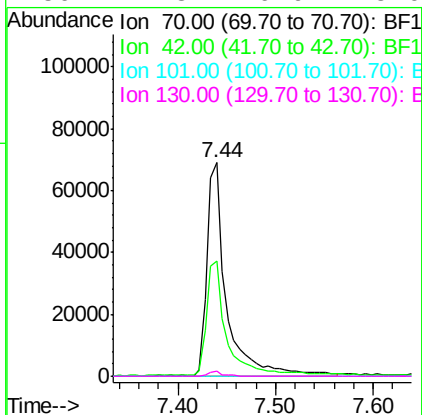
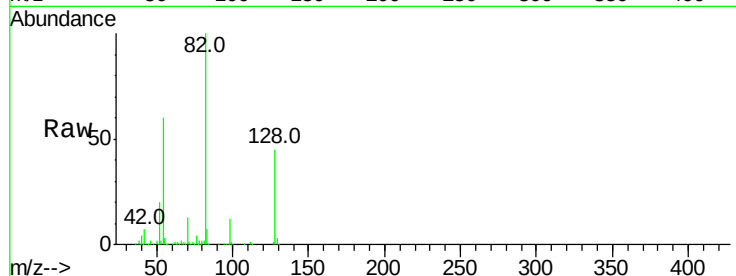




#19
n-Nitroso-di-n-propylamine
Concen: 14.775 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.15 min
Lab File: BF103468.D
Acq: 6 Mar 2018 21:02

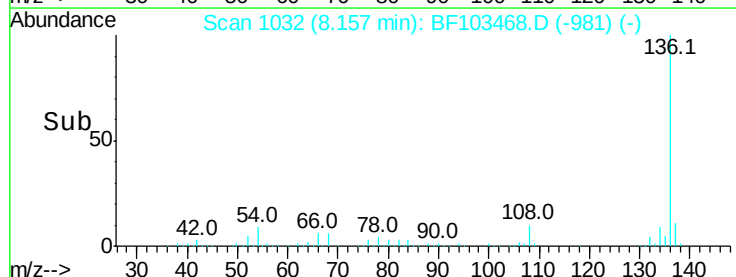
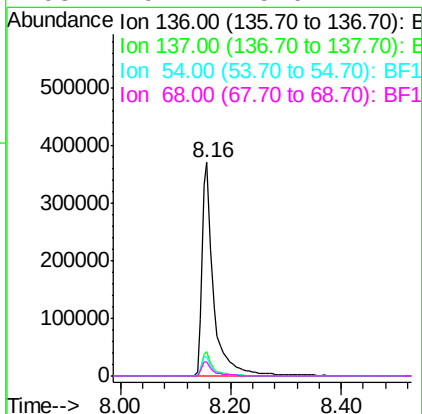
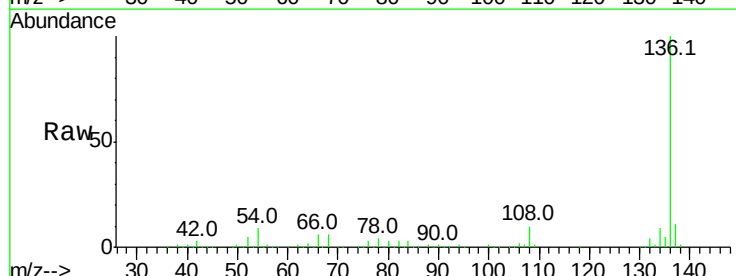
Instrument :
BNA_F
ClientSampleId :

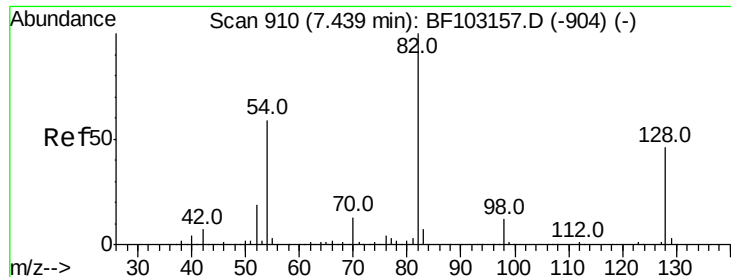
Tot Ion: 70 Resp: 96230
Ion Ratio Lower Upper
70 100
42 53.6 47.5 71.3
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF103468.D
Acq: 6 Mar 2018 21:02

Tgt Ion: 136 Resp: 533486
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 9.2 6.6 9.8
68 6.4 5.0 7.4

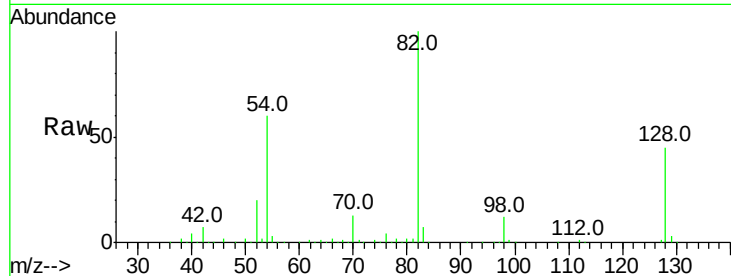




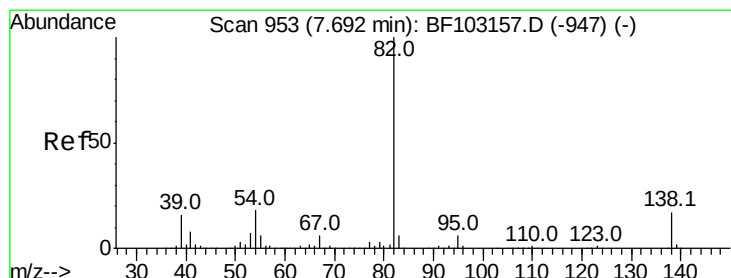
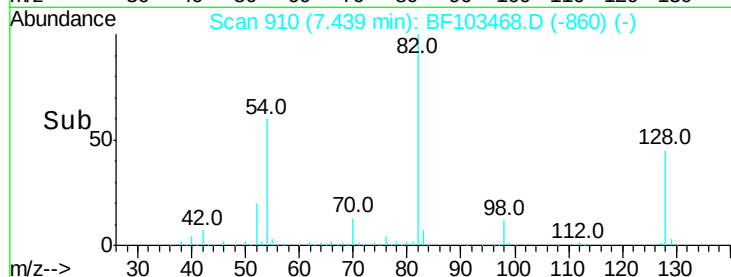
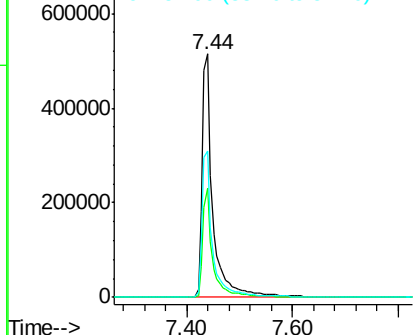
#23
Nitrobenzene-d5
Concen: 78.239 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF103468.D
Acq: 6 Mar 2018 21:02

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 730881
Ion Ratio Lower Upper
82 100
128 44.9 36.1 54.1
54 60.0 41.4 62.2

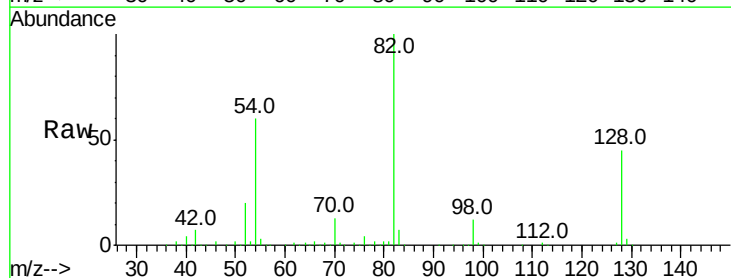


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

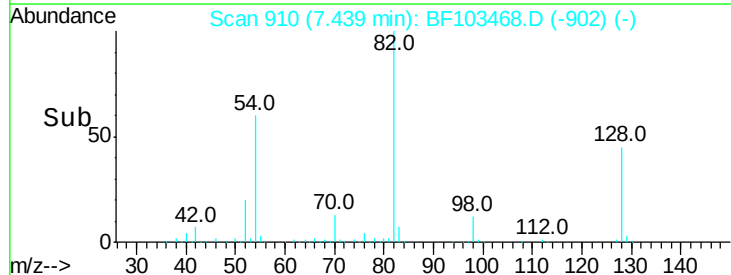
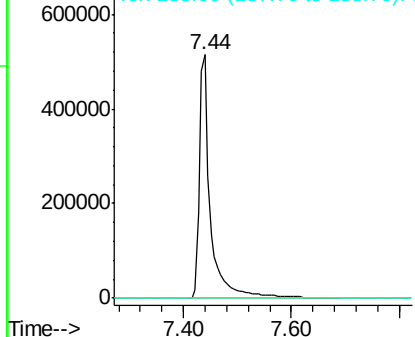


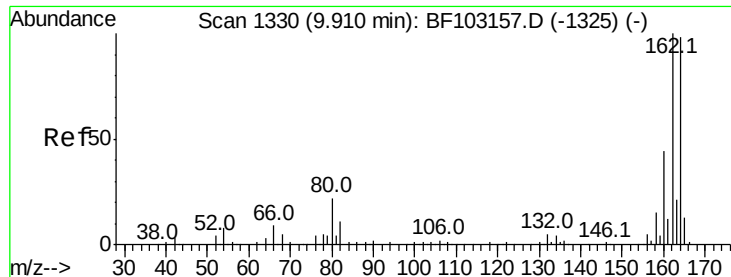
#25
Isophorone
Concen: 39.725 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.25 min
Lab File: BF103468.D
Acq: 6 Mar 2018 21:02

Tgt Ion: 82 Resp: 730877
Ion Ratio Lower Upper
82 100
95 0.0 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

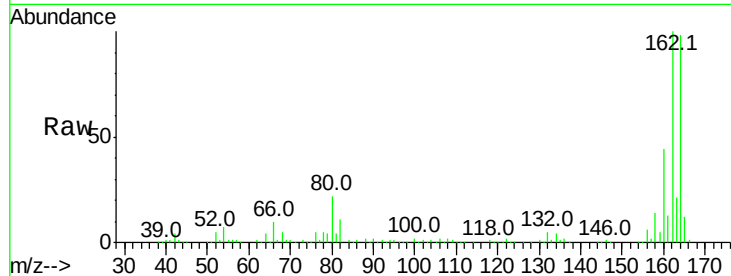




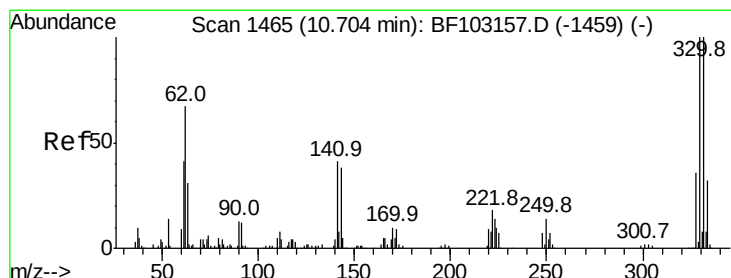
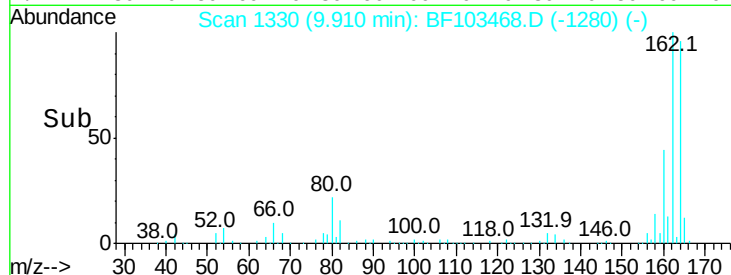
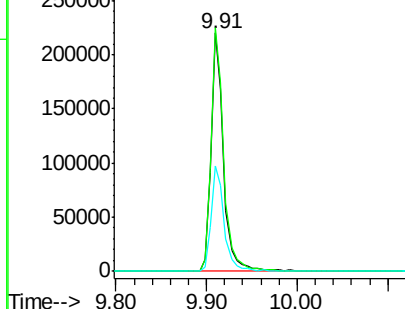
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF103468.D
Acq: 6 Mar 2018 21:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 213567
Ion Ratio Lower Upper
164 100
162 102.2 86.1 129.1
160 44.5 38.3 57.5

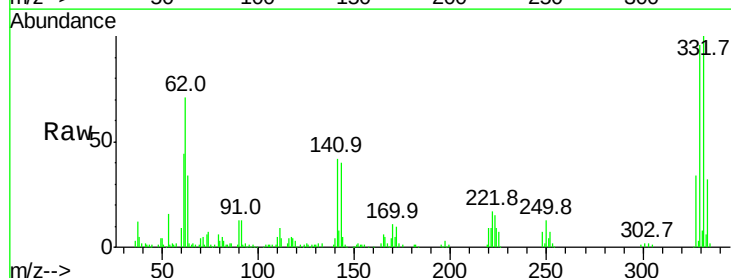


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

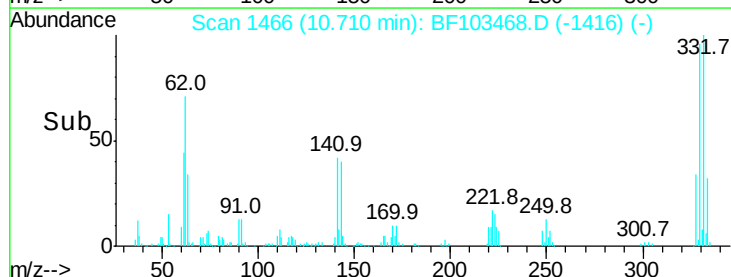
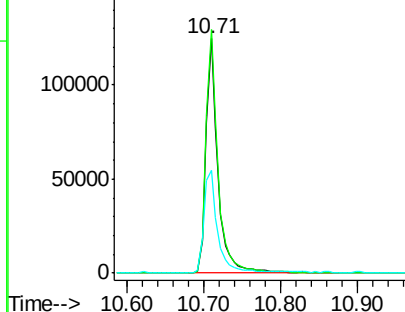


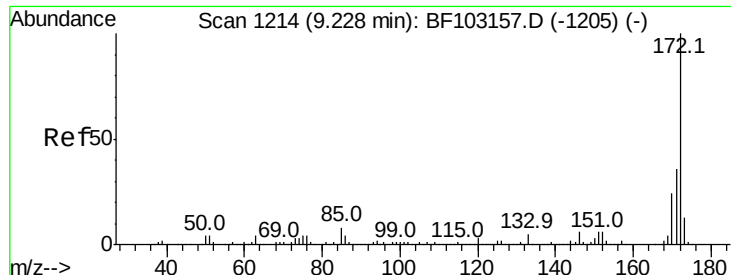
#41
2,4,6-Tribromophenol
Concen: 74.986 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF103468.D
Acq: 6 Mar 2018 21:02

Tgt Ion:330 Resp: 135555
Ion Ratio Lower Upper
330 100
332 104.8 77.0 115.6
141 50.0 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



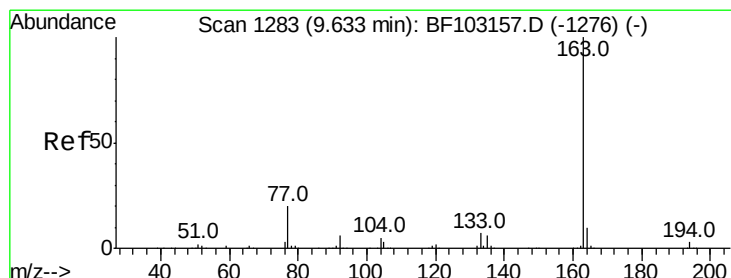
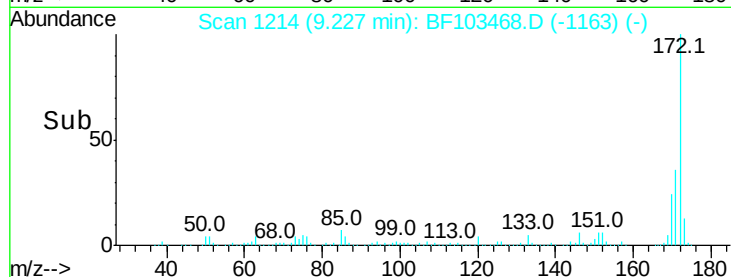
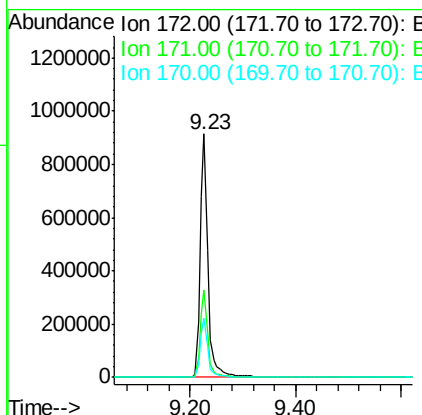
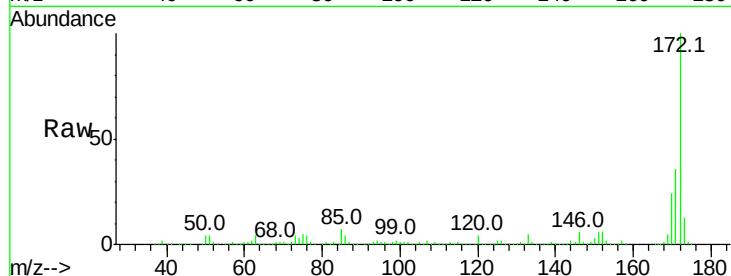


#44
 2-Fluorobiphenyl
 Concen: 74.853 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.00 min
 Lab File: BF103468.D
 Acq: 6 Mar 2018 21:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 954967

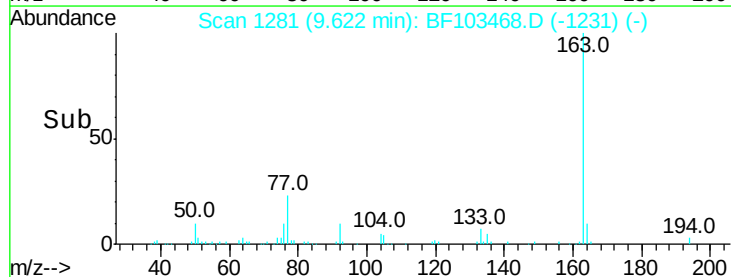
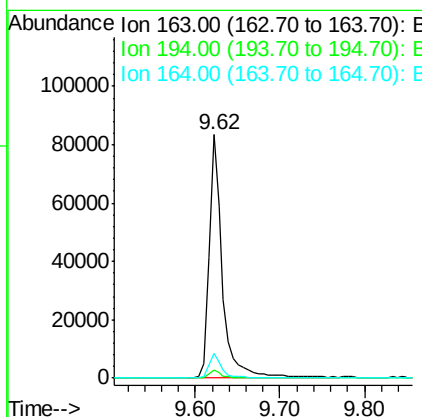
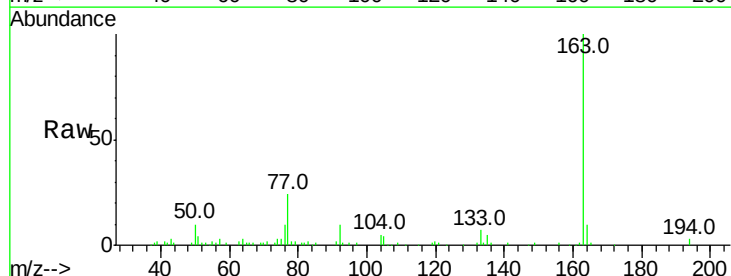
Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.3	19.6	29.4

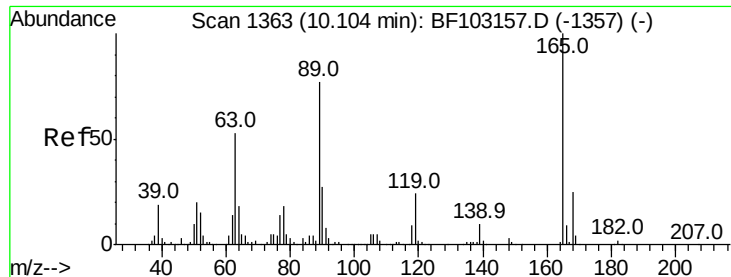


#49
 Dimethylphthalate
 Concen: 5.361 ng
 RT: 9.62 min Scan# 1281
 Delta R.T. -0.01 min
 Lab File: BF103468.D
 Acq: 6 Mar 2018 21:02

Tgt Ion:163 Resp: 91845

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	10.4	8.2	12.2

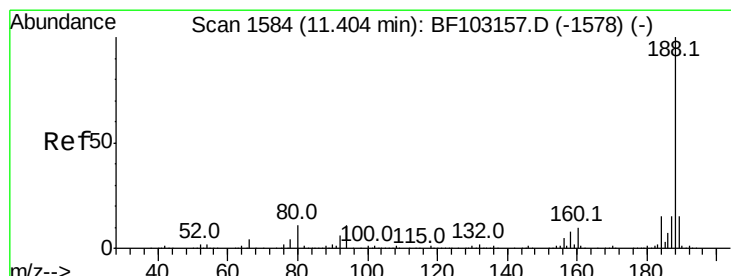
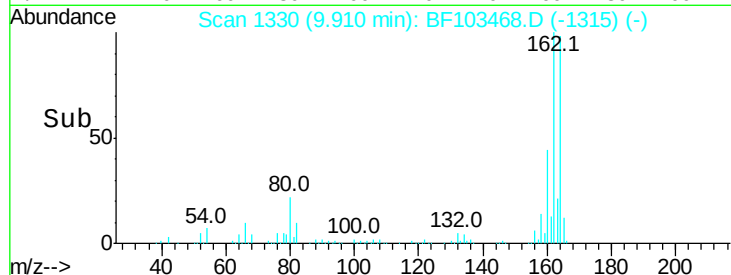
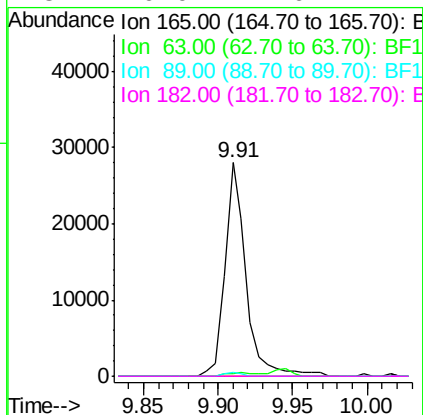
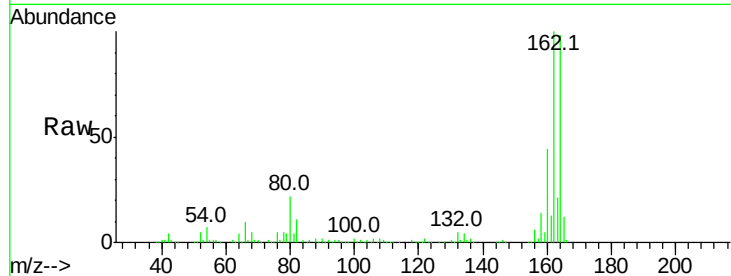




#56
 2,4-Dinitrotoluene
 Concen: 6.129 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.21 min
 Lab File: BF103468.D
 Acq: 6 Mar 2018 21:02

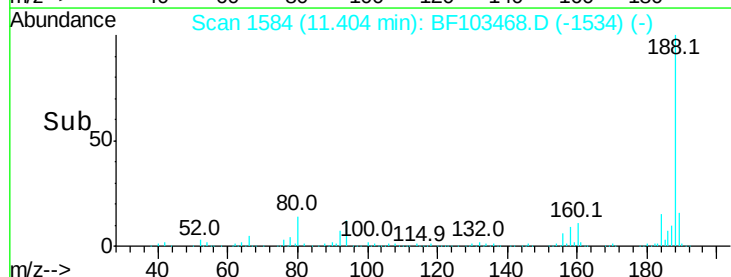
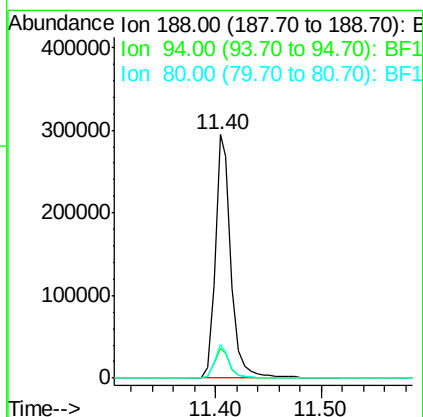
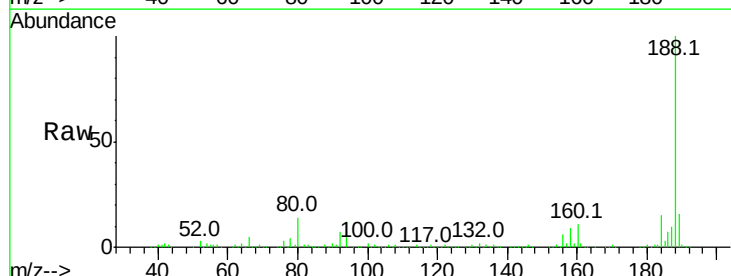
Instrument :
 BNA_F
 ClientSampleId :

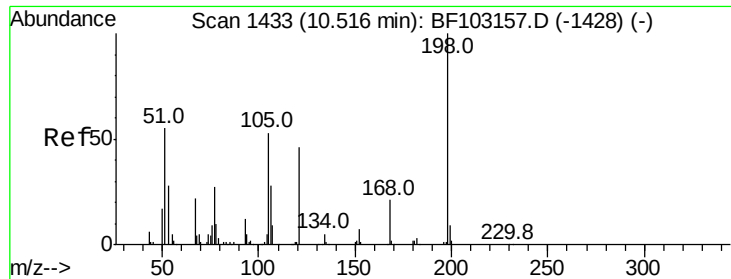
Tot Ion:165 Resp: 27871
 Ion Ratio Lower Upper
 165 100
 63 1.3 36.4 54.6#
 89 1.9 57.8 86.6#
 182 0.0 1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF103468.D
 Acq: 6 Mar 2018 21:02

Tgt Ion:188 Resp: 310581
 Ion Ratio Lower Upper
 188 100
 94 12.3 8.5 12.7
 80 14.1 9.2 13.8#

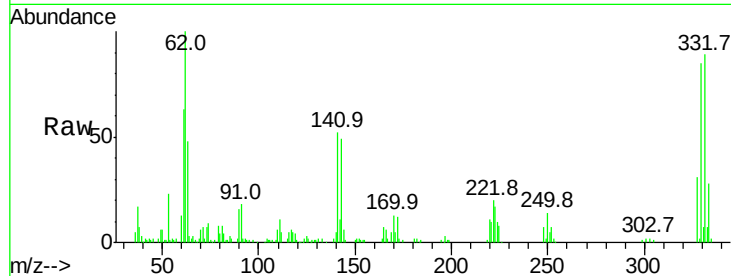




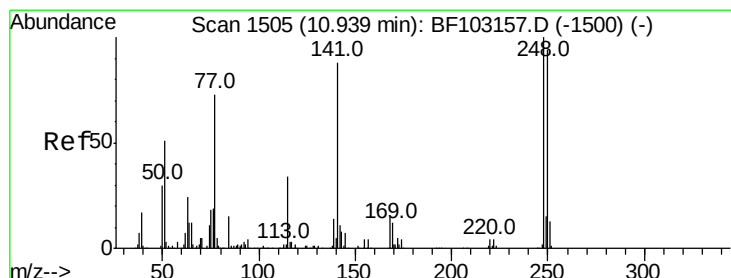
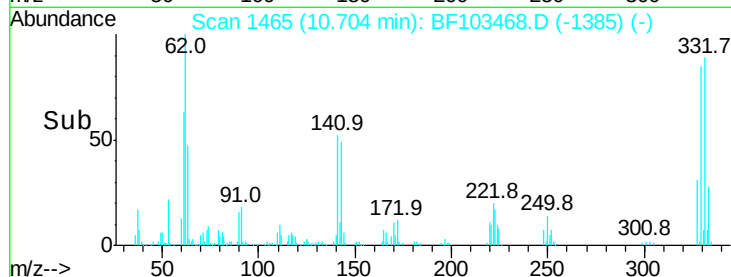
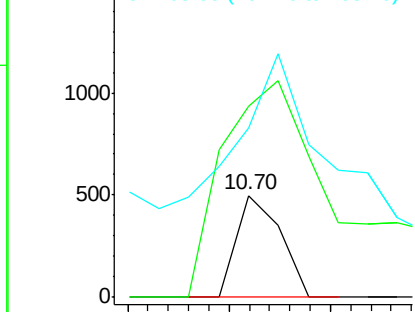
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.088 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.17 min
 Lab File: BF103468.D
 Acq: 6 Mar 2018 21:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 300
 Ion Ratio Lower Upper
 198 100
 51 186.8 37.7 77.7#
 105 166.3 36.3 76.3#

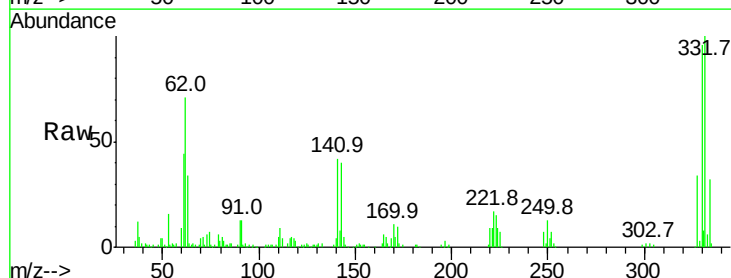


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

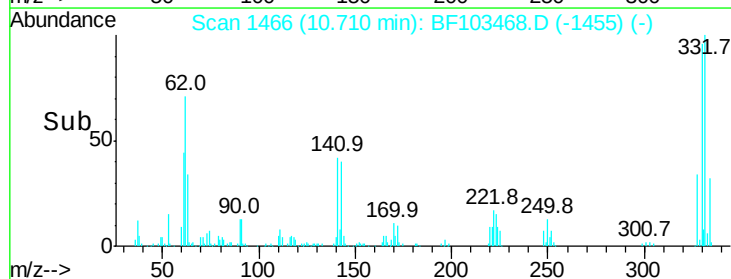
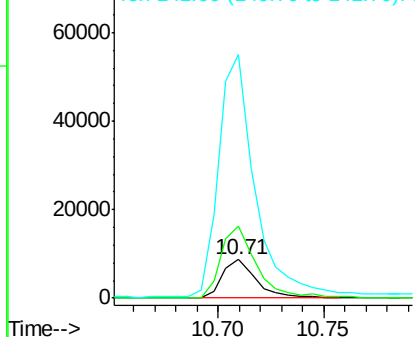


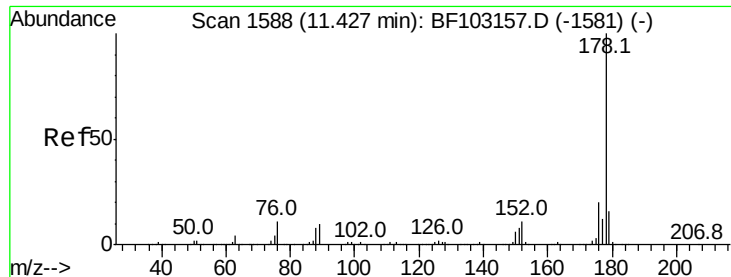
#66
 4-Bromophenyl-phenylether
 Concen: 2.969 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.24 min
 Lab File: BF103468.D
 Acq: 6 Mar 2018 21:02

Tgt Ion:248 Resp: 9607
 Ion Ratio Lower Upper
 248 100
 250 186.6 76.9 115.3#
 141 629.8 74.4 111.6#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#70

Phenanthrene

Concen: 7.433 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.00 min

Lab File: BF103468.D

Acq: 6 Mar 2018 21:02

Instrument :

BNA_F

ClientSampleId :

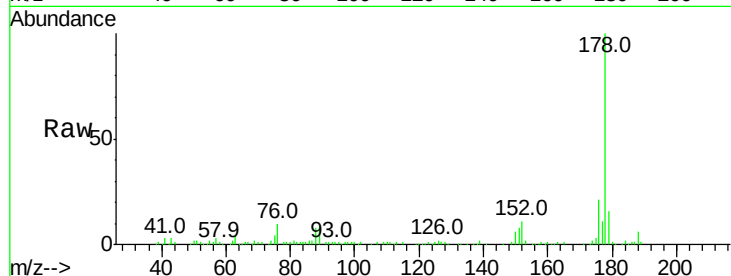
Tot Ion:178 Resp: 127052

Ion Ratio Lower Upper

178 100

176 21.1 15.8 23.8

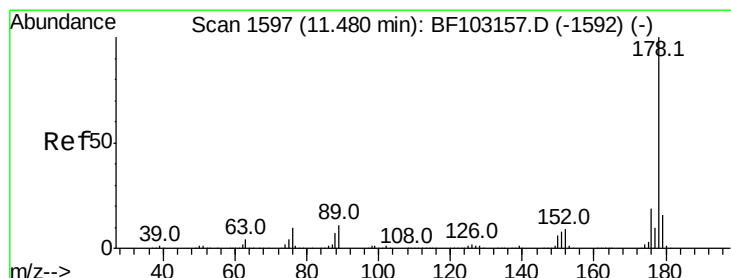
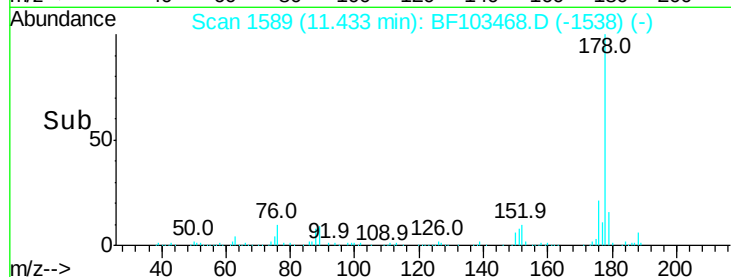
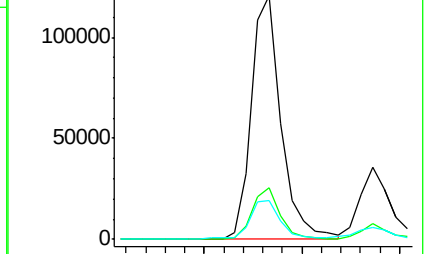
179 16.0 13.0 19.6



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: 2.265 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.00 min

Lab File: BF103468.D

Acq: 6 Mar 2018 21:02

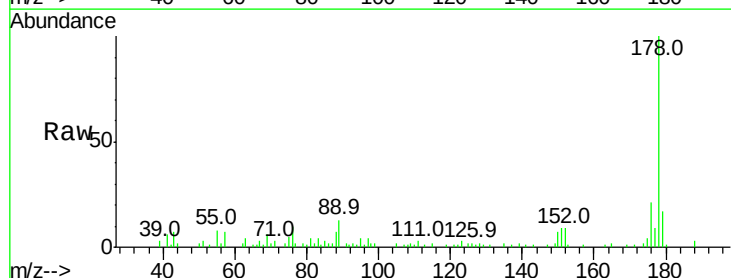
Tgt Ion:178 Resp: 39697

Ion Ratio Lower Upper

178 100

176 21.1 15.4 23.2

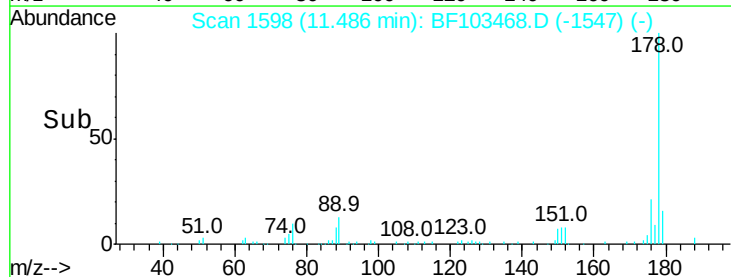
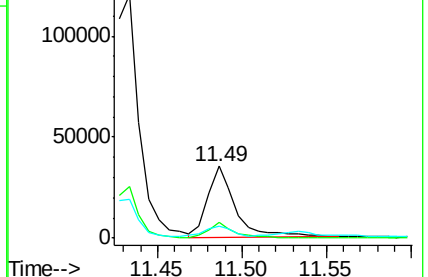
179 16.7 12.6 19.0

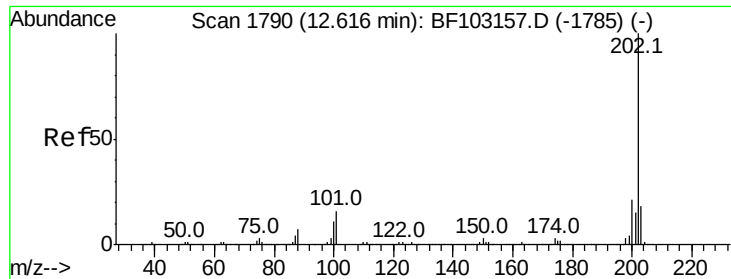


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 14.416 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BF103468.D

Acq: 6 Mar 2018 21:02

Instrument :

BNA_F

ClientSampleId :

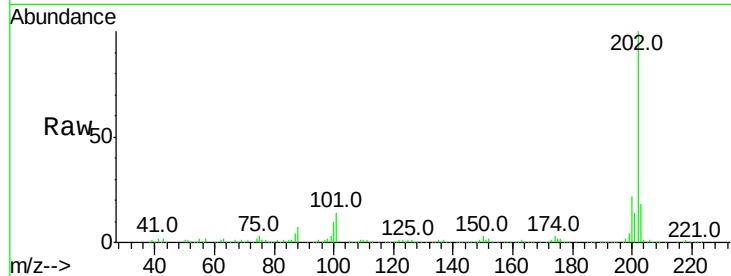
Tot Ion:202 Resp: 247598

Ion Ratio Lower Upper

202 100

101 14.5 0.0 34.1

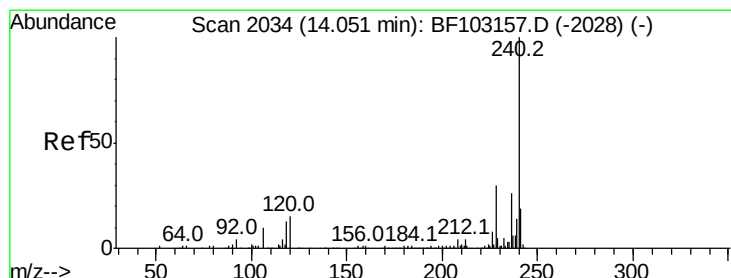
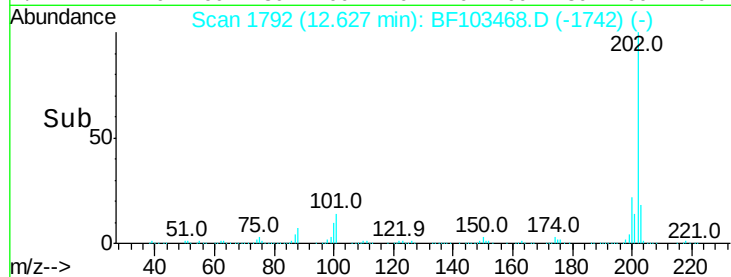
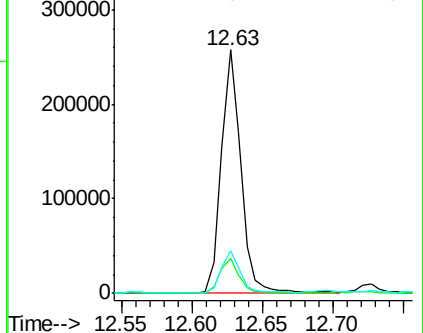
203 17.8 0.0 38.1



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: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF103468.D

Acq: 6 Mar 2018 21:02

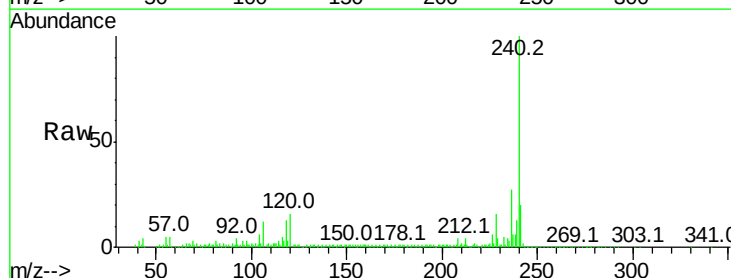
Tgt Ion:240 Resp: 205740

Ion Ratio Lower Upper

240 100

120 16.1 9.5 14.3#

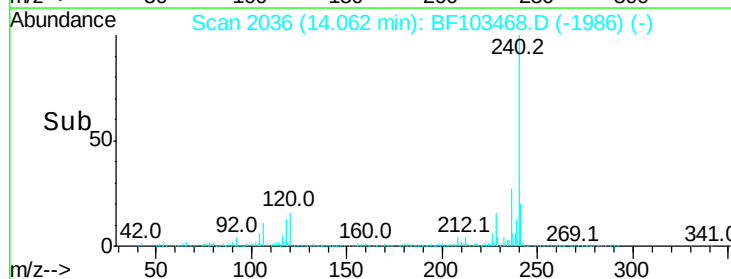
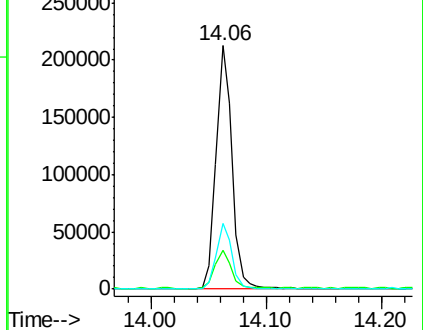
236 27.0 20.7 31.1

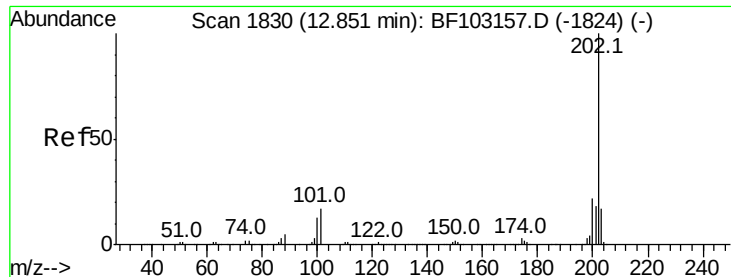


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 15.157 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BF103468.D

Acq: 6 Mar 2018 21:02

Instrument :

BNA_F

ClientSampleId :

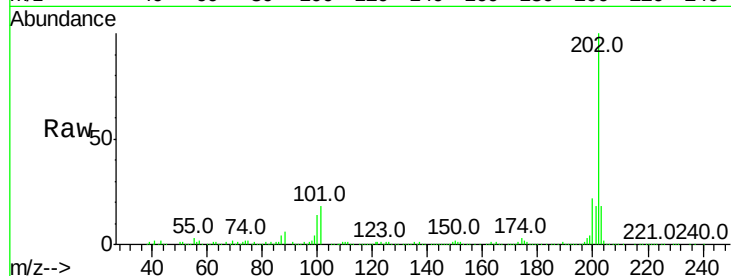
Tot Ion:202 Resp: 243125

Ion Ratio Lower Upper

202 100

200 22.1 17.4 26.2

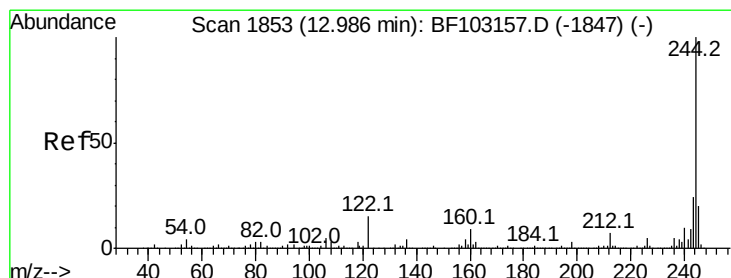
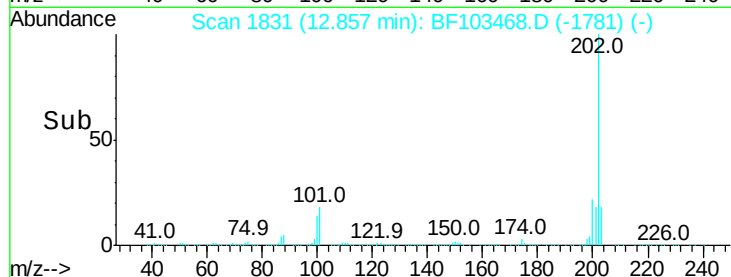
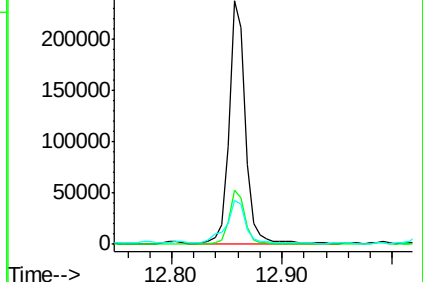
203 18.1 14.3 21.5



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: 71.290 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF103468.D

Acq: 6 Mar 2018 21:02

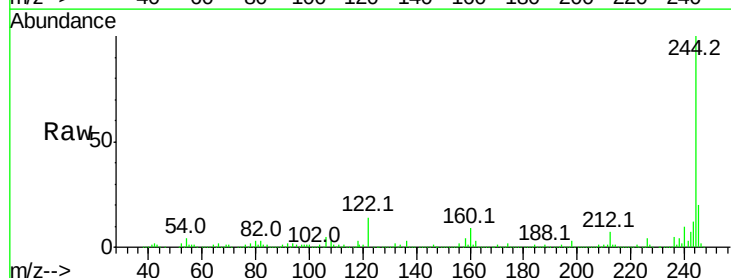
Tgt Ion:244 Resp: 610153

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

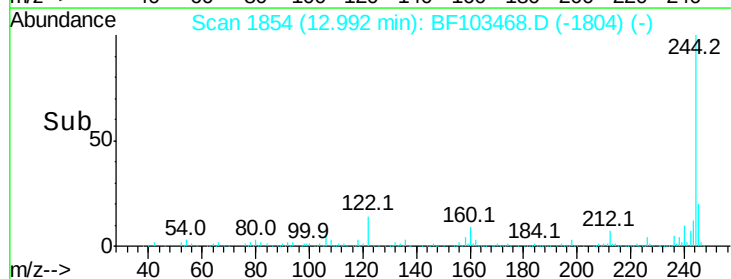
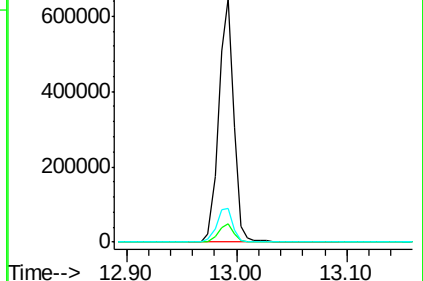
122 14.0 11.0 16.4

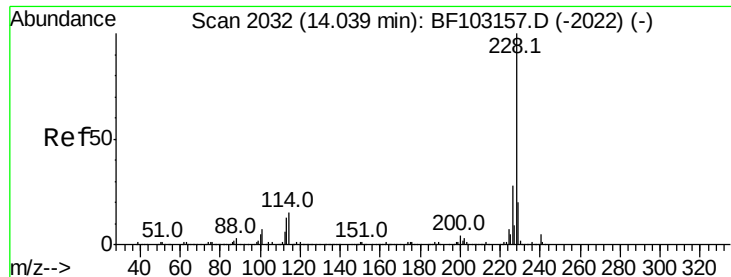


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

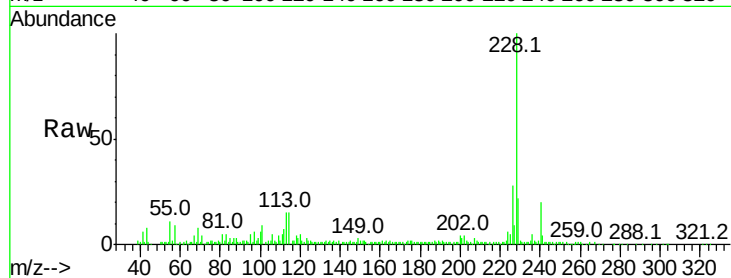




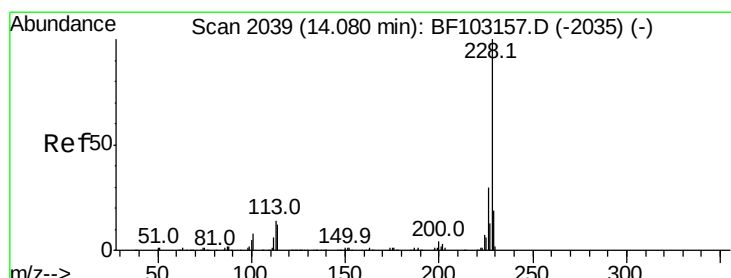
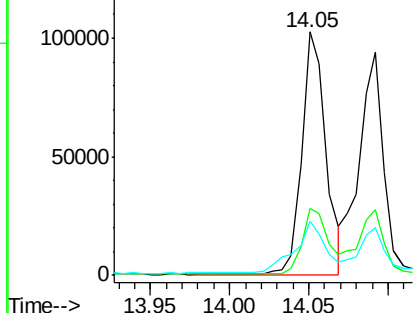
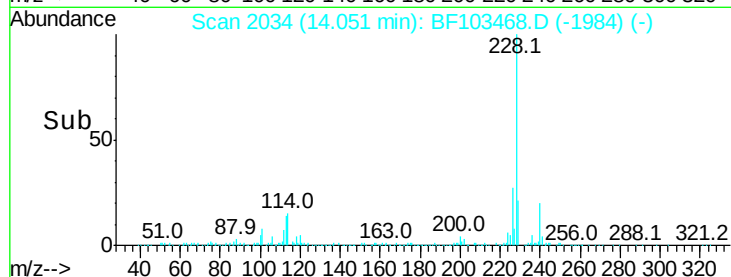
#80
Benzo(a)anthracene
Concen: 8.034 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF103468.D
Acq: 6 Mar 2018 21:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 107250
Ion Ratio Lower Upper
228 100
226 27.8 22.6 33.8
229 22.2 15.8 23.6

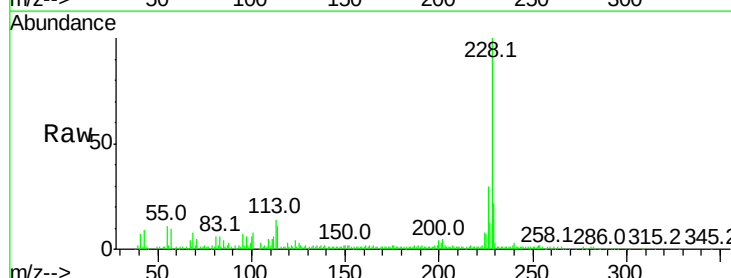


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

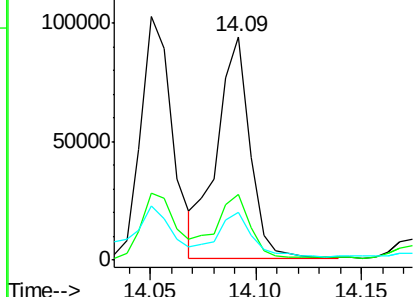
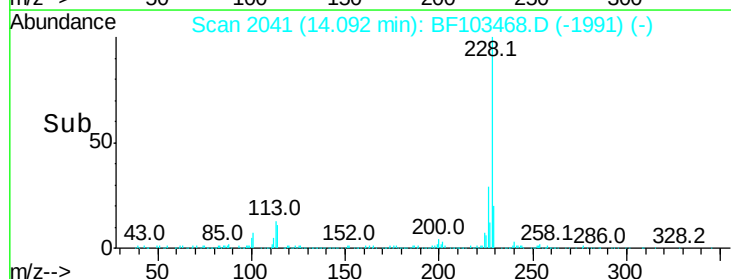


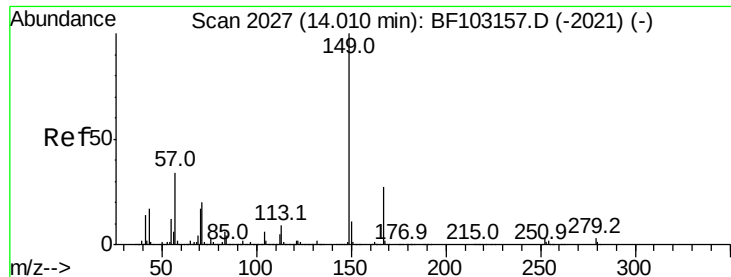
#82
Chrysene
Concen: 7.885 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BF103468.D
Acq: 6 Mar 2018 21:02

Tgt Ion:228 Resp: 102200
Ion Ratio Lower Upper
228 100
226 29.5 25.0 37.6
229 21.6 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

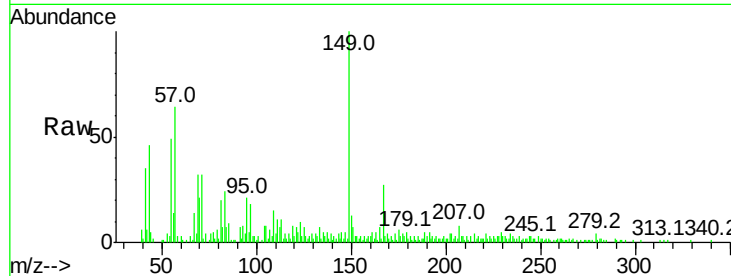




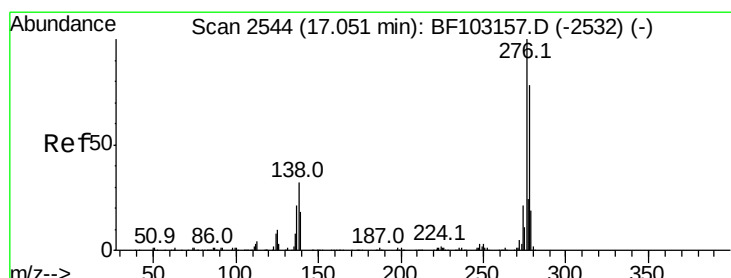
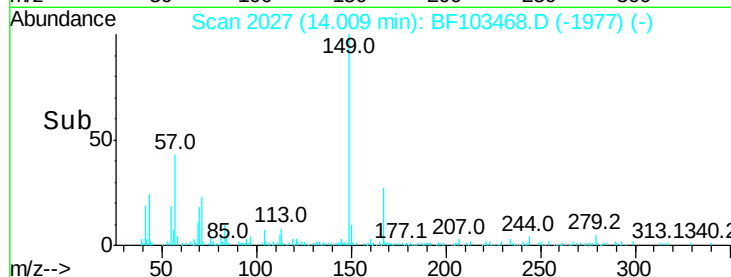
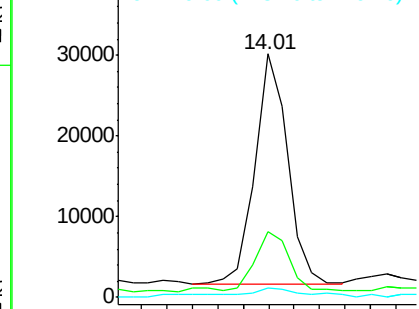
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.270 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF103468.D
 Acq: 6 Mar 2018 21:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 25957
 Ion Ratio Lower Upper
 149 100
 167 27.2 21.3 31.9
 279 4.1 3.0 4.4

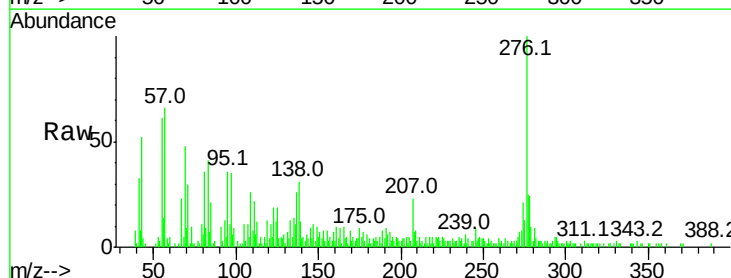


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

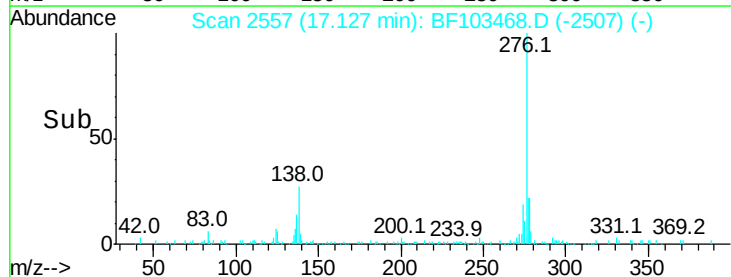
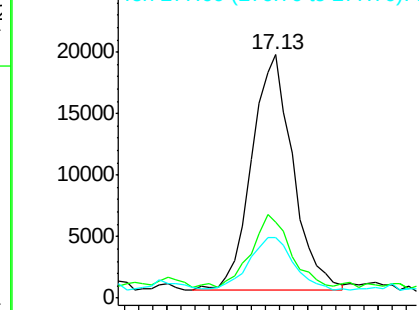


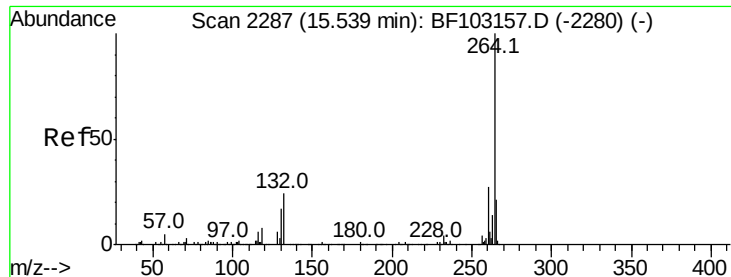
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 3.828 ng
 RT: 17.13 min Scan# 2557
 Delta R.T. -0.01 min
 Lab File: BF103468.D
 Acq: 6 Mar 2018 21:02

Tgt Ion:276 Resp: 39286
 Ion Ratio Lower Upper
 276 100
 138 29.4 25.0 37.6
 277 23.8 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



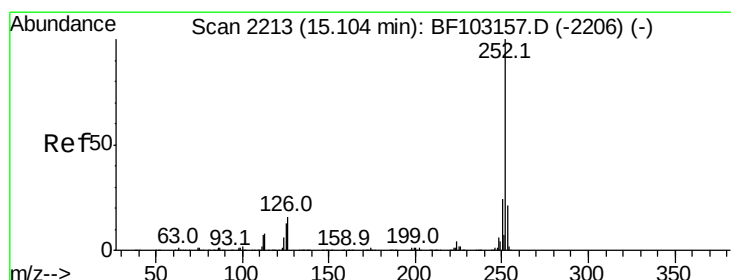
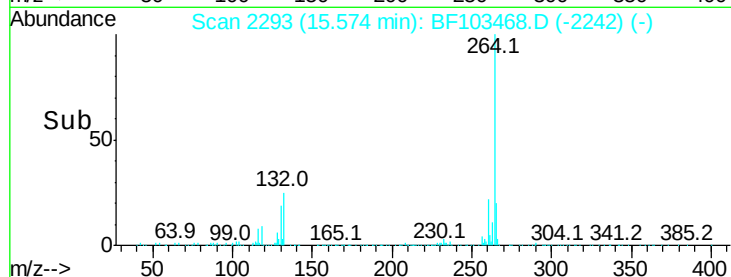
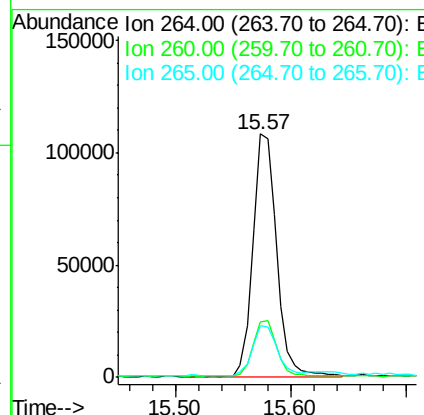
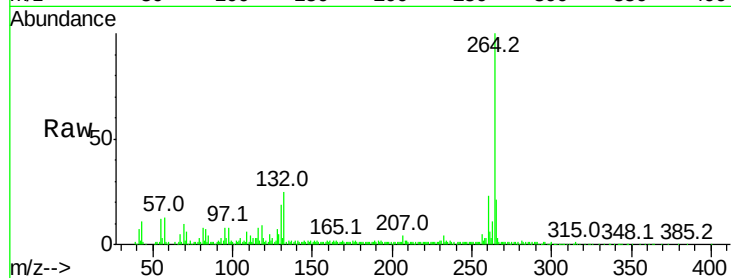


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: BF103468.D
Acq: 6 Mar 2018 21:02

Instrument :
BNA_F
ClientSampled :

Tot Ion:264 Resp: 154990

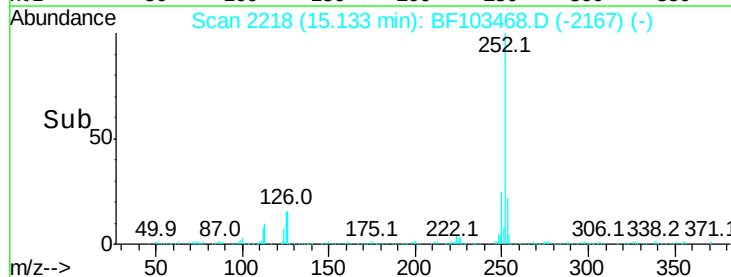
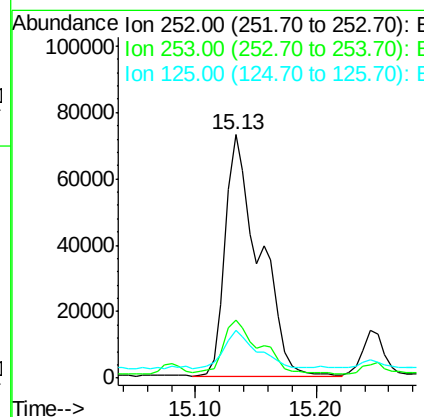
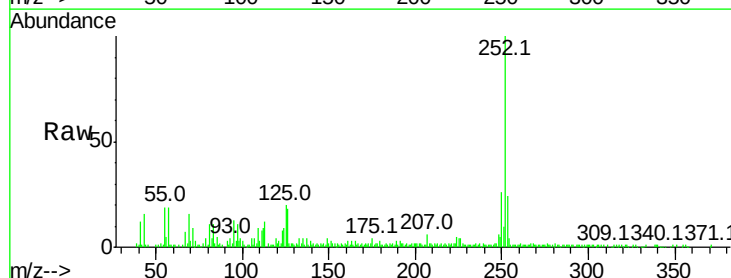
Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.2	17.5	26.3

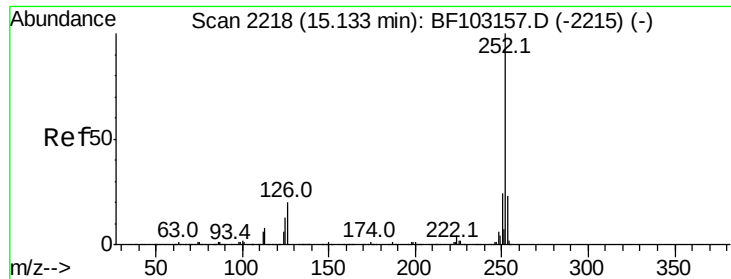


#87
Benzo(b)fluoranthene
Concen: 13.895 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.00 min
Lab File: BF103468.D
Acq: 6 Mar 2018 21:02

Tgt Ion:252 Resp: 141592

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.0	25.6
125	19.5	9.0	13.6

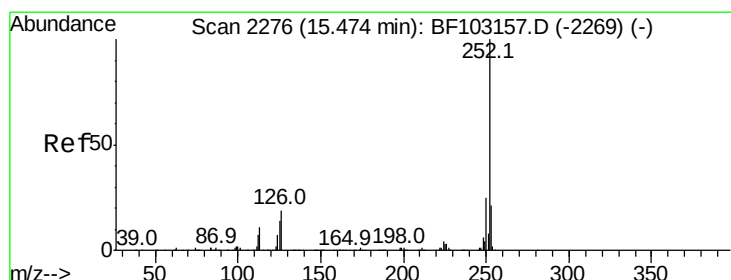
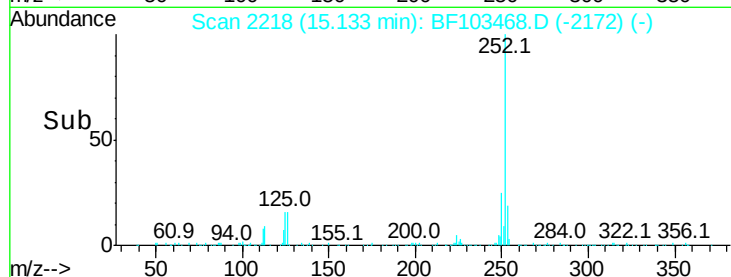
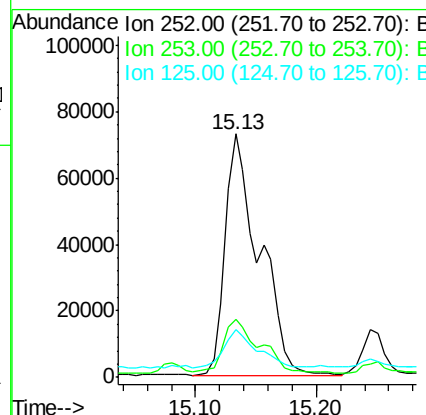
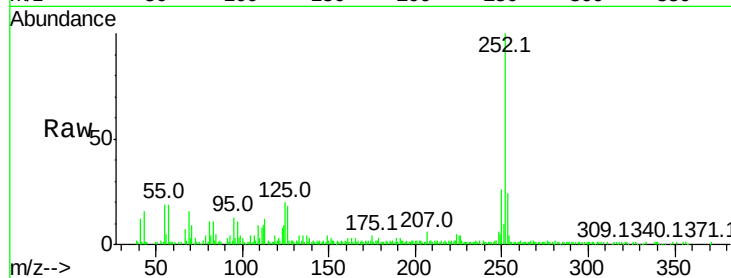




#88
Benzo(k)fluoranthene
Concen: 14.755 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.03 min
Lab File: BF103468.D
Acq: 6 Mar 2018 21:02

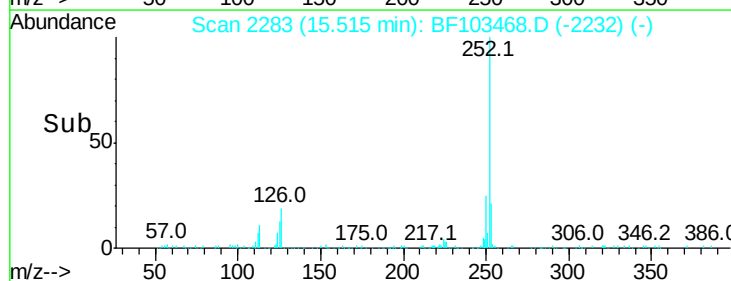
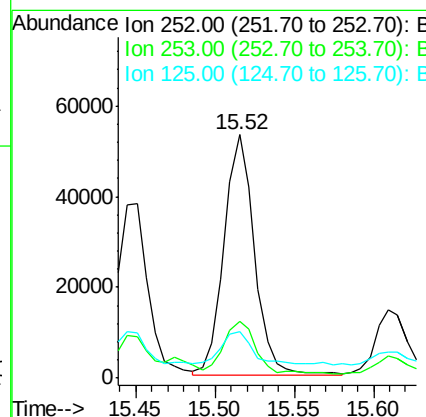
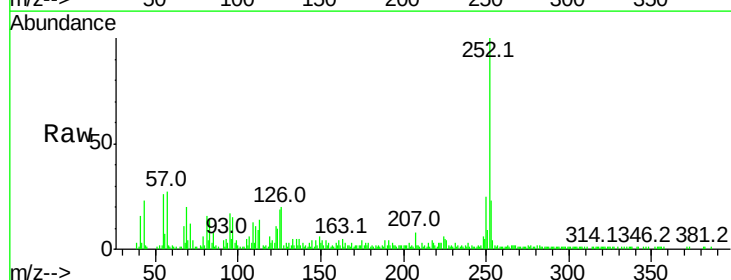
Instrument :
BNA_F
ClientSampleId :

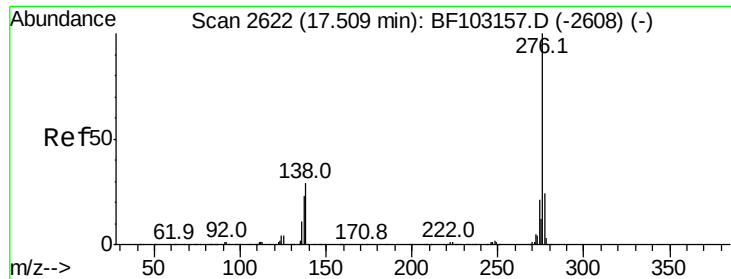
Tot Ion:252 Resp: 141592
Ion Ratio Lower Upper
252 100
253 23.9 17.9 26.9
125 19.5 10.2 15.2#



#89
Benzo(a)pyrene
Concen: 7.751 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BF103468.D
Acq: 6 Mar 2018 21:02

Tgt Ion:252 Resp: 70533
Ion Ratio Lower Upper
252 100
253 23.2 17.1 25.7
125 18.9 9.8 14.6#





#91

Benzo(a,h,i)perylene

Concen: 5.644 ng

RT: 17.60 min Scan# 2637

Delta R.T. -0.00 min

Lab File: BF103468.D

Acq: 6 Mar 2018 21:02

Instrument :

BNA_F

ClientSampleId :

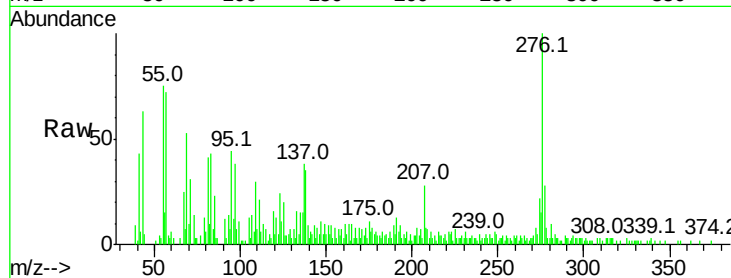
Tot Ion:276 Resp: 38790

Ion Ratio Lower Upper

276 100

277 27.7 17.9 26.9#

138 35.4 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

