

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030918\
 Data File : BF103568.D
 Acq On : 9 Mar 2018 20:13
 Operator : SJ/JU
 Sample : J1821-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 09 22:02:27 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 11:47:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	145809	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	612092	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	234367	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	328365	20.00	ng	0.00
75) Chrysene-d12	14.06	240	241813	20.00	ng	0.00
86) Perylene-d12	15.57	264	201712	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	9883	1.03	ng	0.07
7) Phenol-d6	6.53	99	178137	15.10	ng	0.02
23) Nitrobenzene-d5	7.43	82	415281	38.75	ng	0.00
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.22	172	720107	47.32	ng	0.00
78) Terphenyl-d14	12.99	244	519416	51.64	ng	0.00

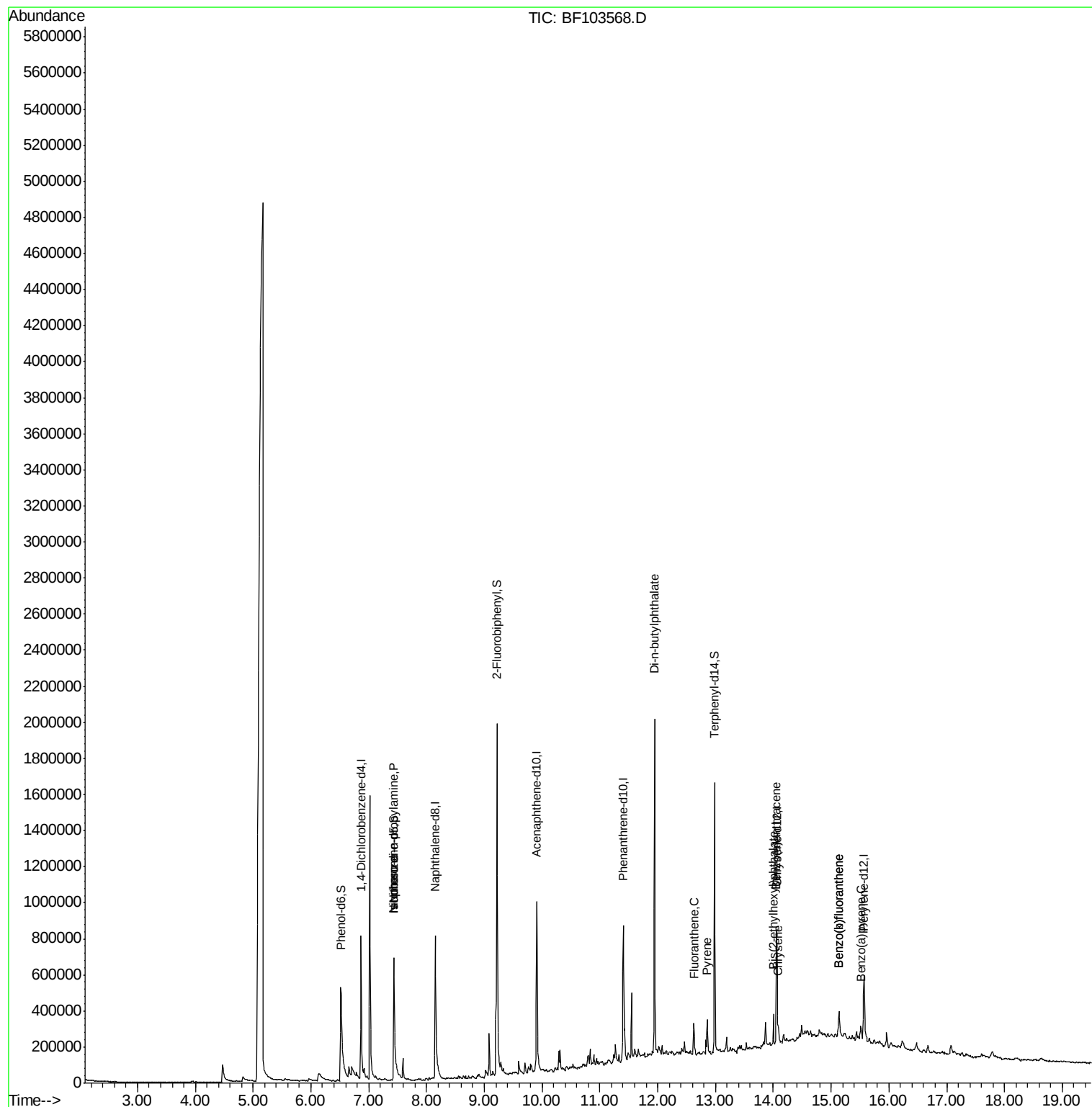
Target Compounds				Qvalue		
9) Benzaldehyde	6.47	77	2852	Below Cal	#	84
19) n-Nitroso-di-n-propylamine	7.43	70	52244	7.116 ng	#	86
25) Isophorone	7.43	82	415281	19.673 ng	#	64
73) Di-n-butylphthalate	11.94	149	954838	41.352 ng		100
74) Fluoranthene	12.63	202	78152	4.304 ng		98
77) Pyrene	12.86	202	75815	4.021 ng		98
80) Benzo(a)anthracene	14.05	228	39856	2.540 ng		98
82) Chrysene	14.09	228	40368	2.650 ng		96
83) Bis(2-ethylhexyl)phthalate	14.00	149	46055	3.426 ng	#	97
87) Benzo(b)fluoranthene	15.13	252	63157	4.762 ng	#	85
88) Benzo(k)fluoranthene	15.13	252	63157	5.057 ng	#	88
89) Benzo(a)pyrene	15.51	252	33746	2.849 ng	#	83

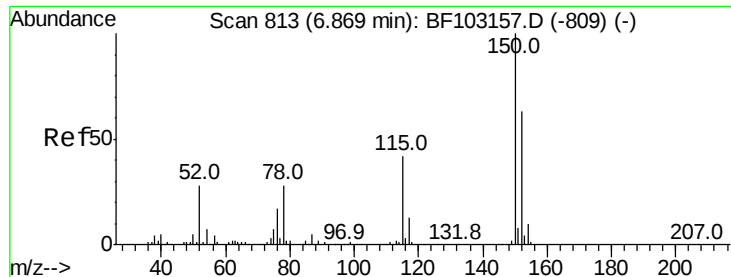
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030918\
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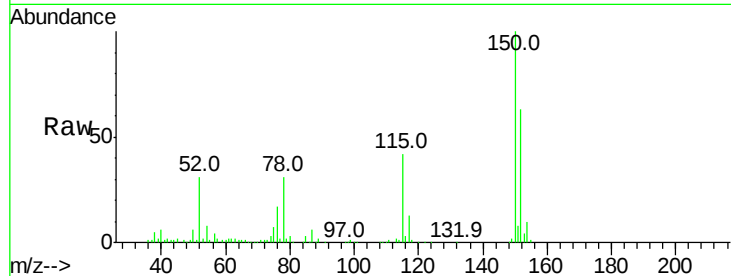


#1

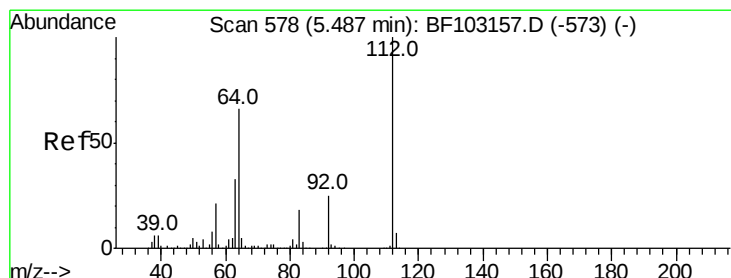
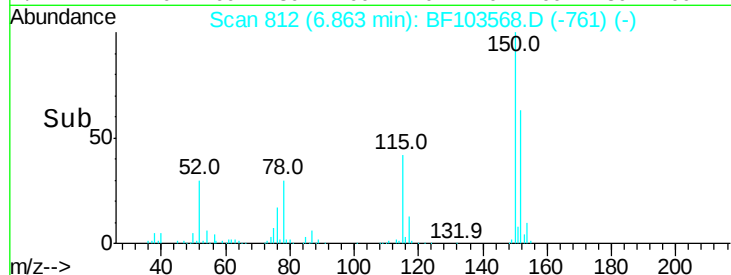
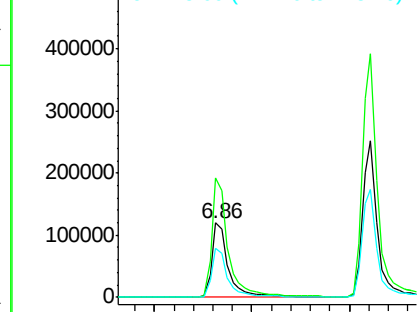
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF103568.D
Acq: 9 Mar 2018 20:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 145809
Ion Ratio Lower Upper
152 100
150 159.8 124.6 186.8
115 66.6 50.1 75.1



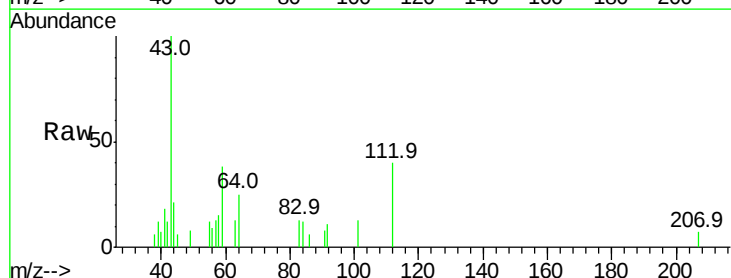
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



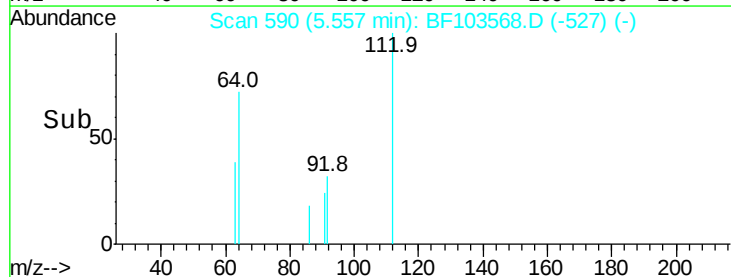
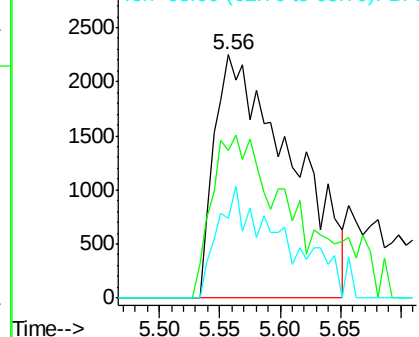
#5

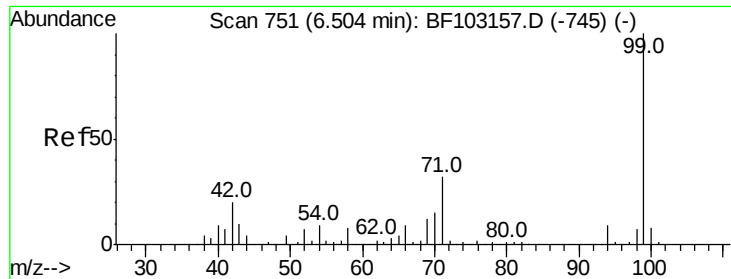
2-Fluorophenol
Concen: 1.025 ng
RT: 5.56 min Scan# 590
Delta R.T. 0.07 min
Lab File: BF103568.D
Acq: 9 Mar 2018 20:13

Tgt Ion:112 Resp: 9883
Ion Ratio Lower Upper
112 100
64 60.6 47.9 71.9
63 32.9 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: 15.100 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.02 min

Lab File: BF103568.D

Acq: 9 Mar 2018 20:13

Instrument :

BNA_F

ClientSampled :

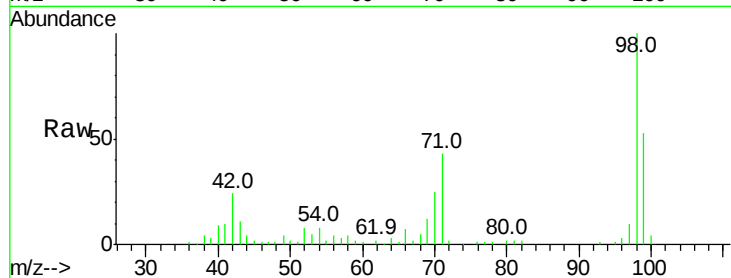
Tot Ion: 99 Resp: 178137

Ion Ratio Lower Upper

99 100

42 45.9 14.5 21.7#

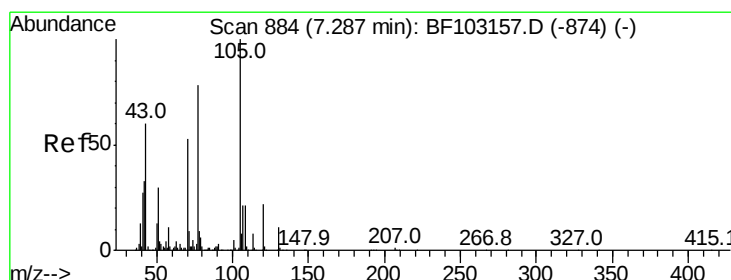
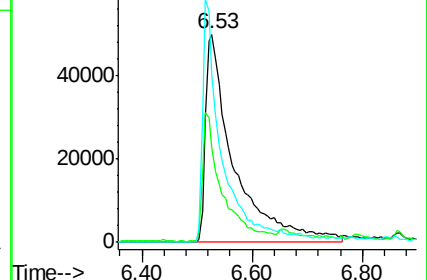
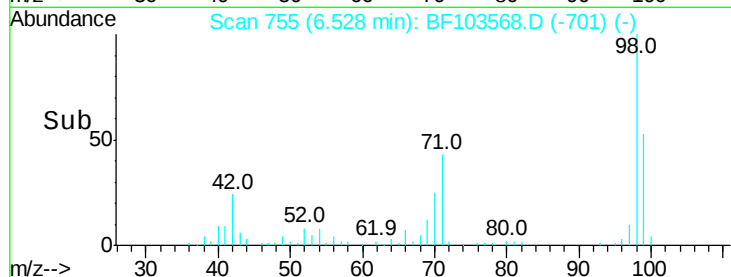
71 80.9 25.4 38.0#



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



#19

n-Nitroso-di-n-propylamine

Concen: 7.116 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.15 min

Lab File: BF103568.D

Acq: 9 Mar 2018 20:13

Tgt Ion: 70 Resp: 52244

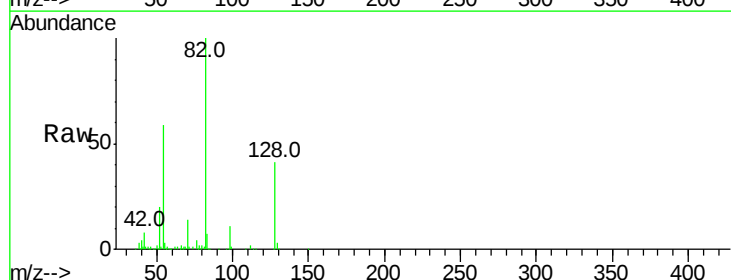
Ion Ratio Lower Upper

70 100

42 57.7 47.5 71.3

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

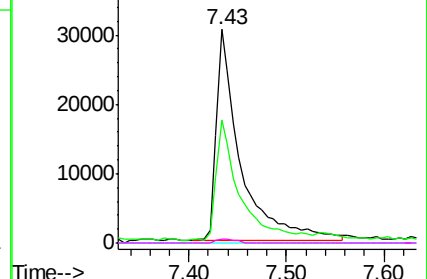
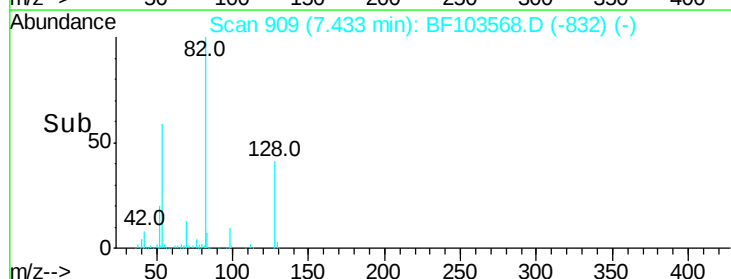


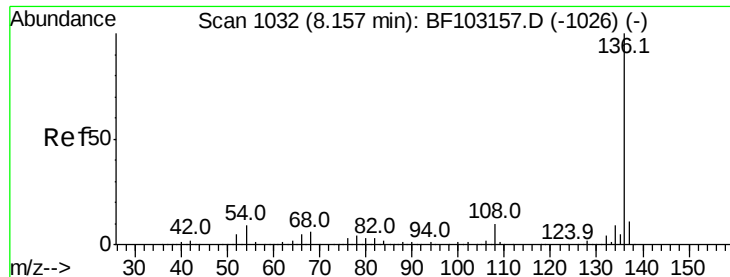
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BF103568.D

Acq: 9 Mar 2018 20:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 612092

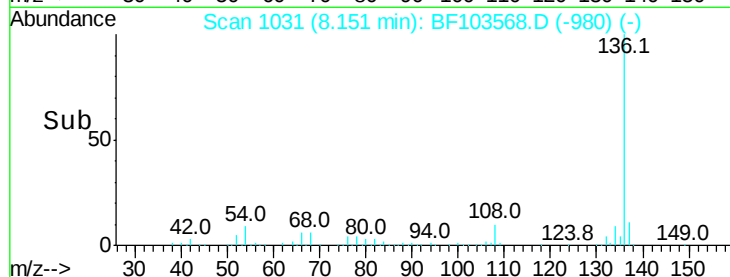
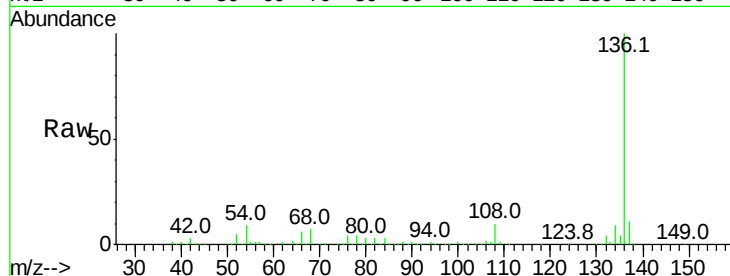
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 8.7 6.6 9.8

68 6.5 5.0 7.4

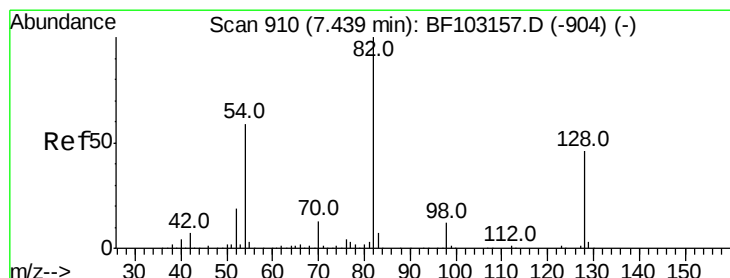
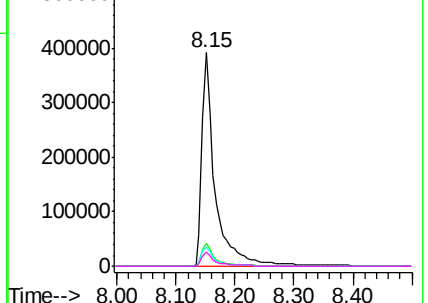


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.746 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF103568.D

Acq: 9 Mar 2018 20:13

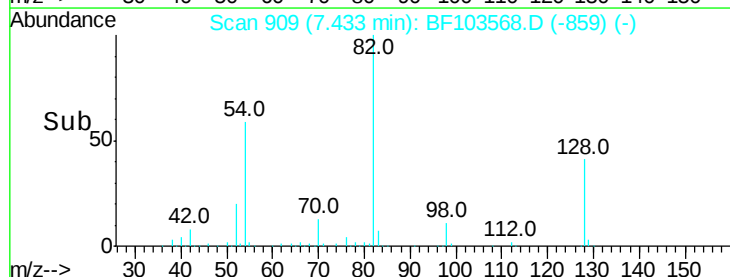
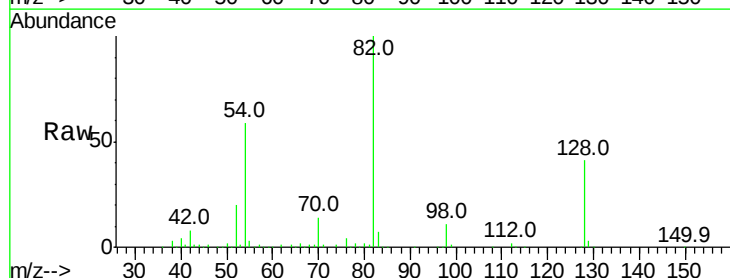
Tgt Ion: 82 Resp: 415281

Ion Ratio Lower Upper

82 100

128 40.9 36.1 54.1

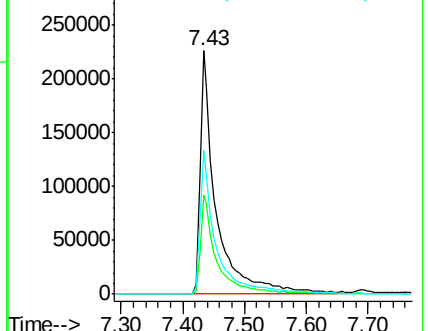
54 59.1 41.4 62.2

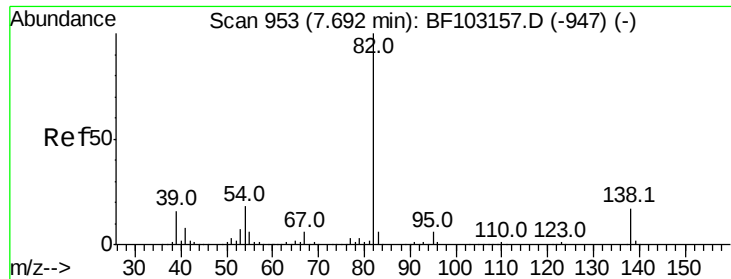


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 19.673 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.26 min

Lab File: BF103568.D

Acq: 9 Mar 2018 20:13

Instrument :

BNA_F

ClientSampleId :

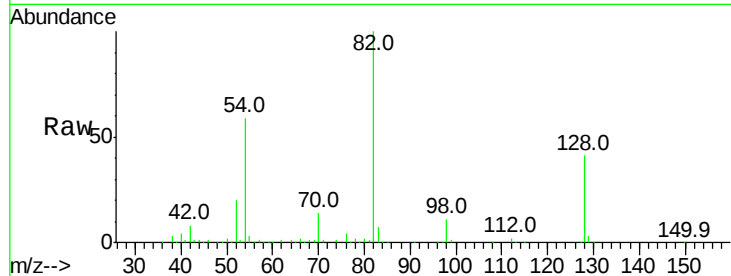
Tot Ion: 82 Resp: 415281

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

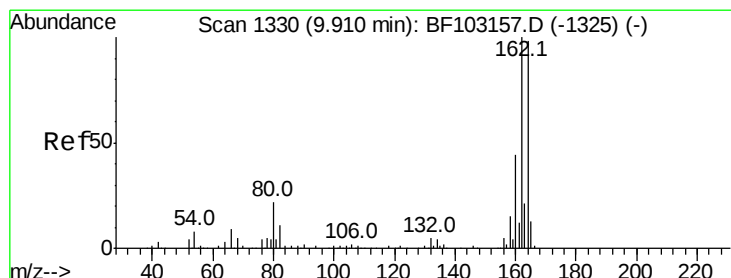
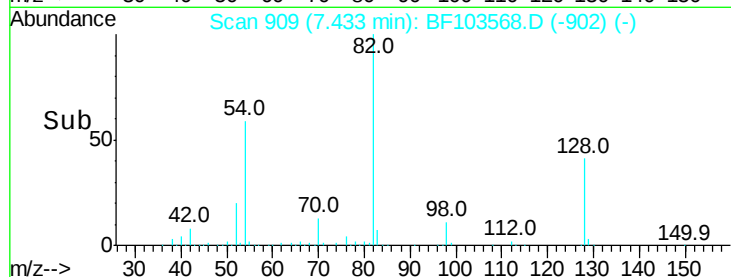
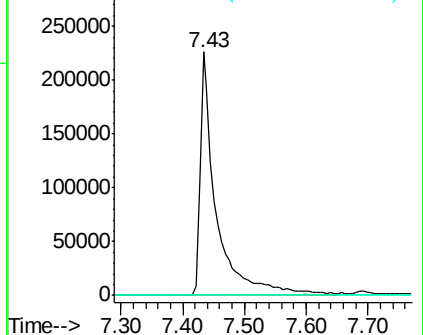
138 0.0 14.9 22.3#



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: 9.90 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BF103568.D

Acq: 9 Mar 2018 20:13

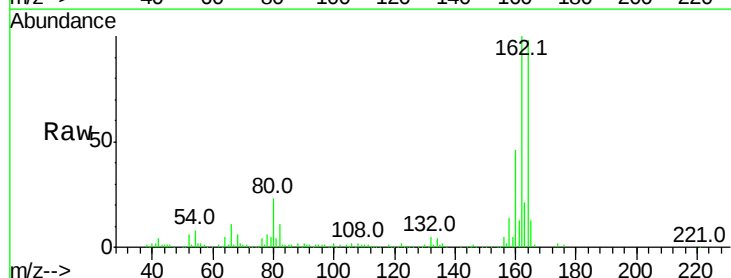
Tgt Ion:164 Resp: 234367

Ion Ratio Lower Upper

164 100

162 102.5 86.1 129.1

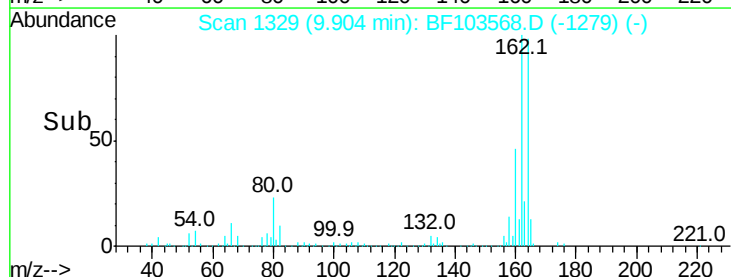
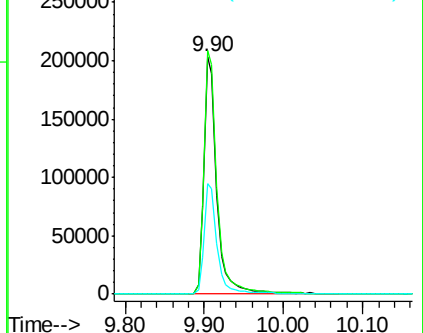
160 46.6 38.3 57.5

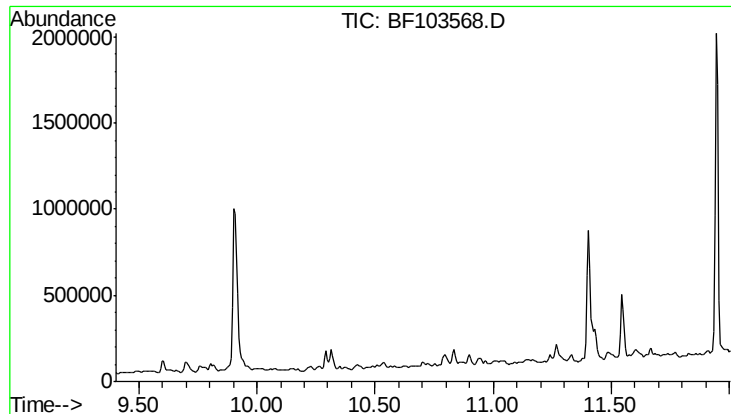


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

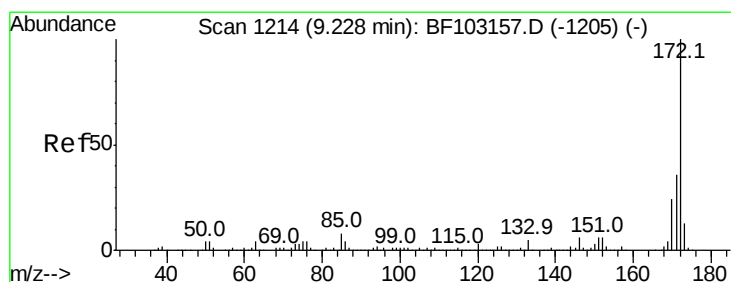
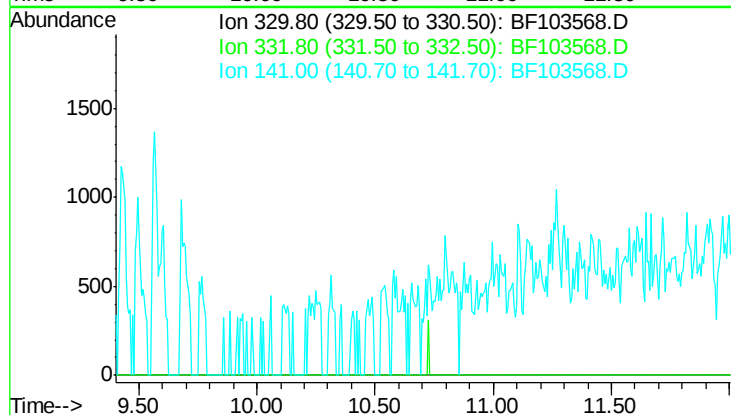




#41
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.70 min
 Lab File: BF103568.D
 Acq: 9 Mar 2018 20:13

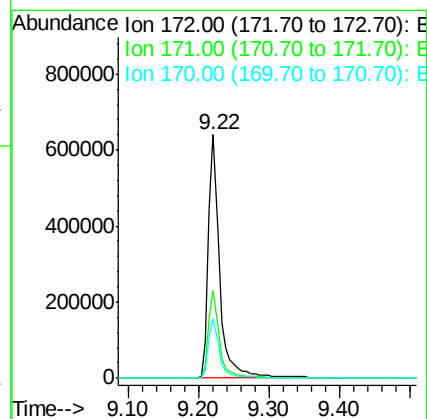
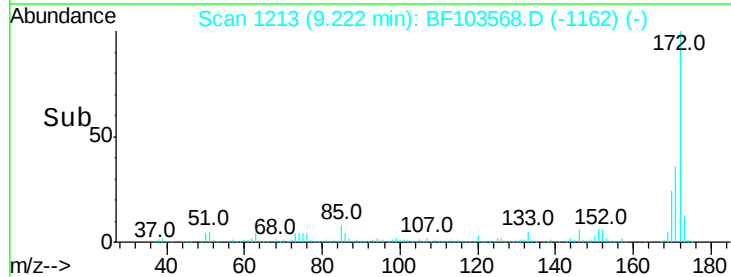
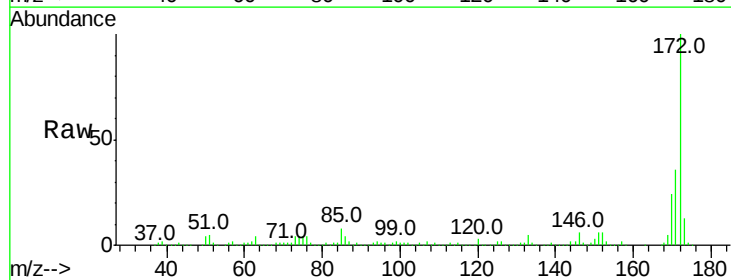
Instrument :
 BNA_F
 ClientSampleId :

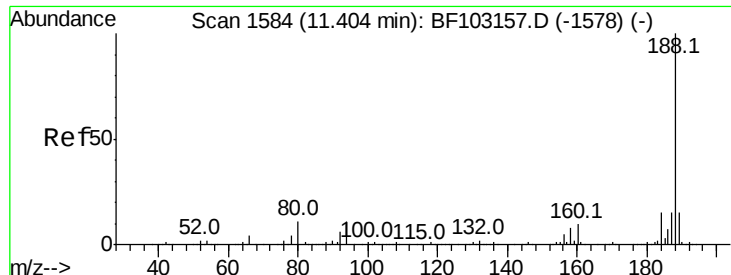
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 96.3
 141 37.4



#44
 2-Fluorobiphenyl
 Concen: 47.323 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.00 min
 Lab File: BF103568.D
 Acq: 9 Mar 2018 20:13

Tgt Ion: 172 Resp: 720107
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.7 44.5
 170 24.4 19.6 29.4

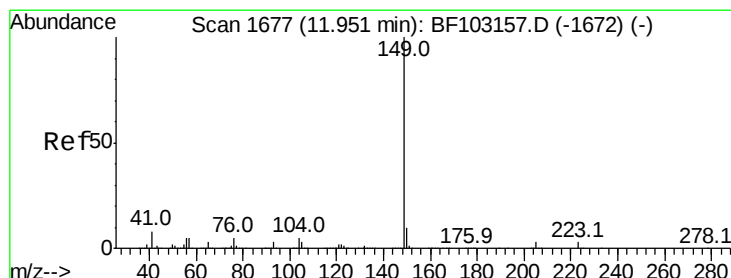
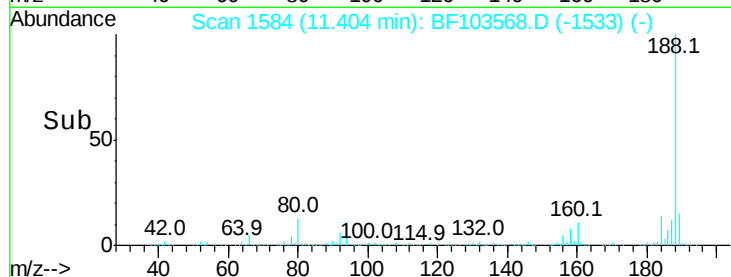
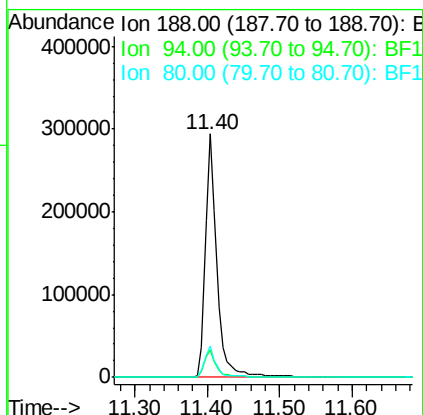
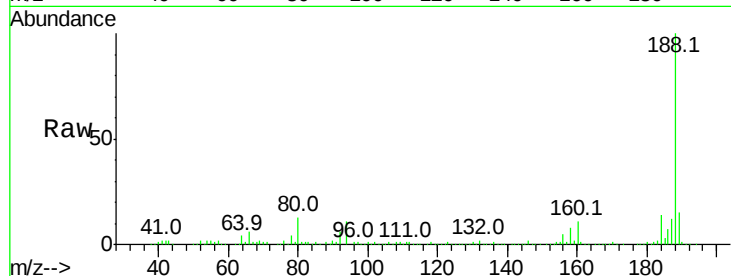




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF103568.D
Acq: 9 Mar 2018 20:13

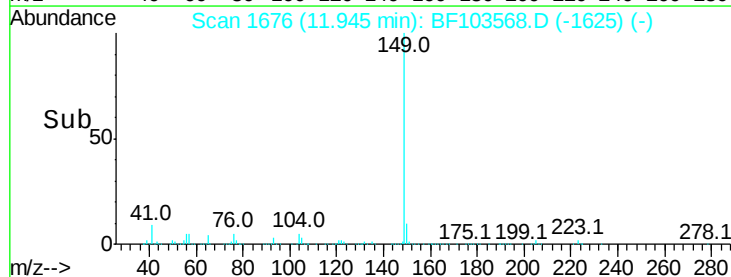
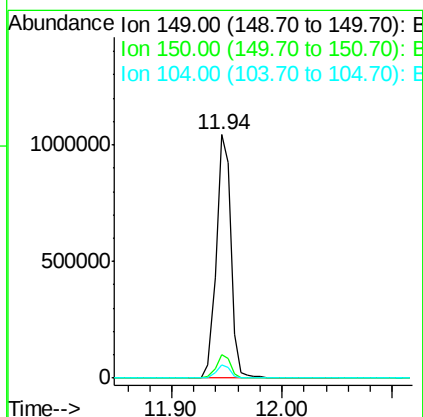
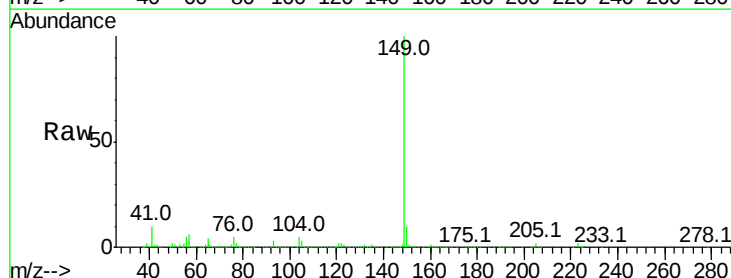
Instrument :
BNA_F
ClientSampleId :

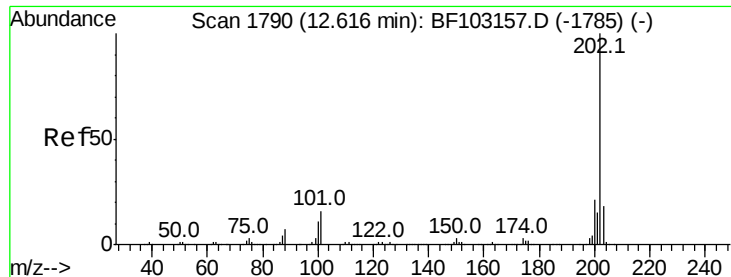
Tot Ion:188 Resp: 328365
Ion Ratio Lower Upper
188 100
94 11.1 8.5 12.7
80 13.0 9.2 13.8



#73
Di-n-butylphthalate
Concen: 41.352 ng
RT: 11.94 min Scan# 1676
Delta R.T. -0.00 min
Lab File: BF103568.D
Acq: 9 Mar 2018 20:13

Tgt Ion:149 Resp: 954838
Ion Ratio Lower Upper
149 100
150 9.7 7.8 11.6
104 5.2 3.8 5.8





#74

Fluoranthene

Concen: 4.304 ng

RT: 12.63 min Scan# 1792

Delta R.T. 0.01 min

Lab File: BF103568.D

Acq: 9 Mar 2018 20:13

Instrument :

BNA_F

ClientSampled :

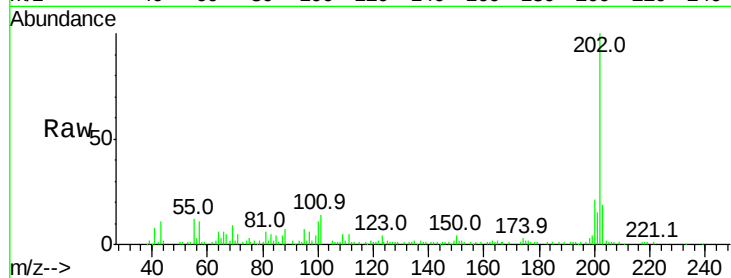
Tot Ion:202 Resp: 78152

Ion Ratio Lower Upper

202 100

101 13.6 0.0 34.1

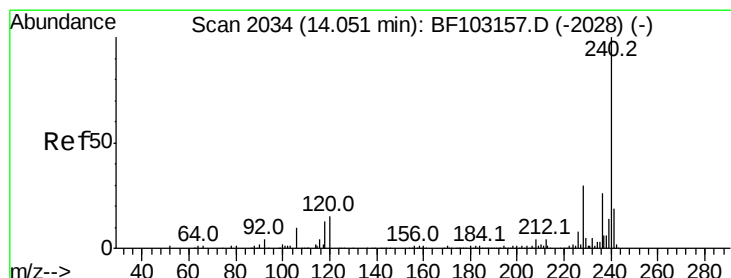
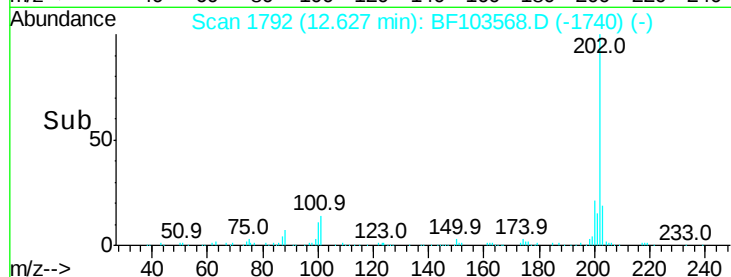
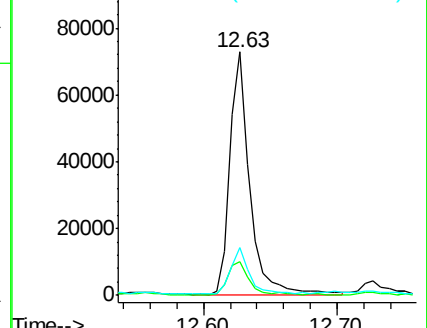
203 19.4 0.0 38.1



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. -0.00 min

Lab File: BF103568.D

Acq: 9 Mar 2018 20:13

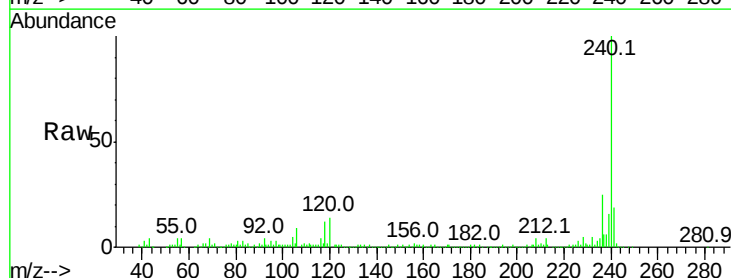
Tgt Ion:240 Resp: 241813

Ion Ratio Lower Upper

240 100

120 13.7 9.5 14.3

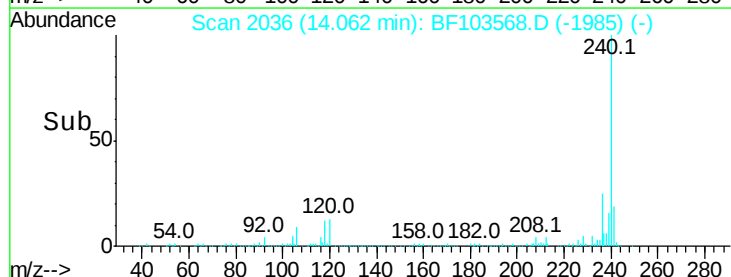
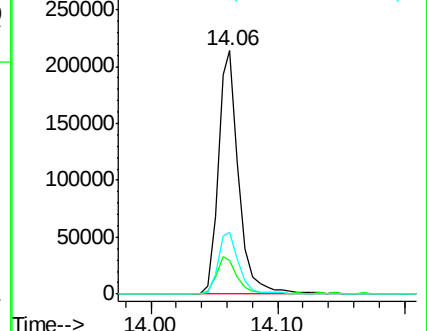
236 25.5 20.7 31.1

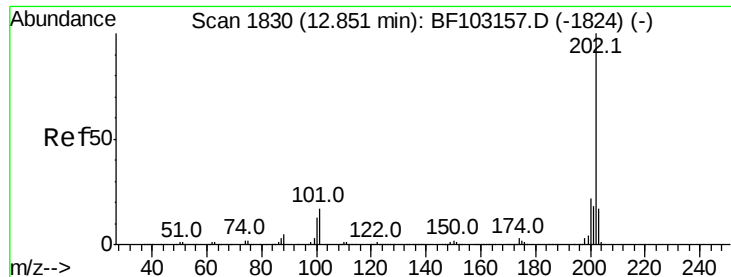


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 4.021 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF103568.D

Acq: 9 Mar 2018 20:13

Instrument :

BNA_F

ClientSampleId :

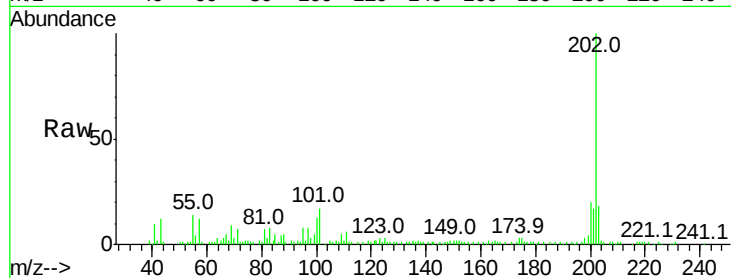
Tot Ion:202 Resp: 75815

Ion Ratio Lower Upper

202 100

200 20.1 17.4 26.2

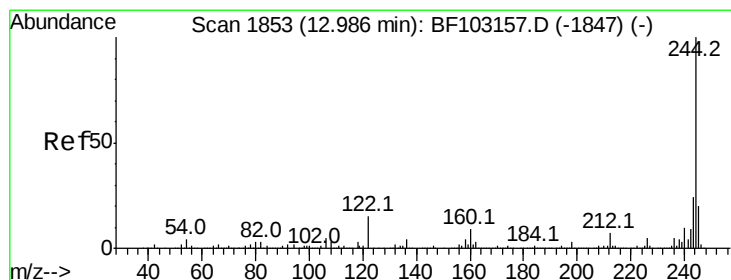
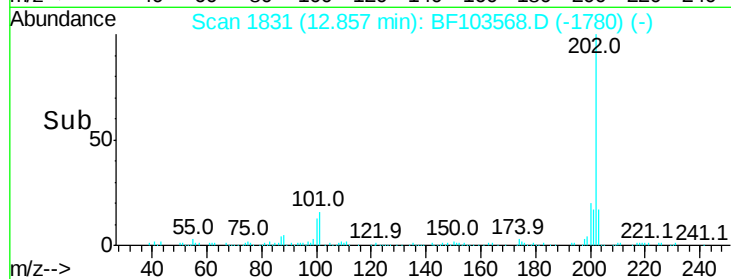
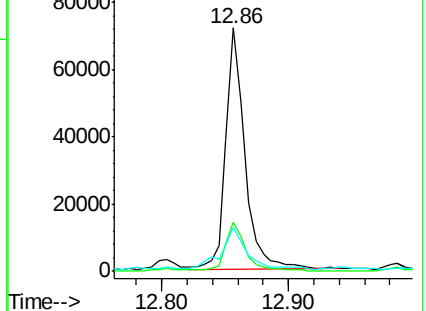
203 18.1 14.3 21.5



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: 51.635 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.00 min

Lab File: BF103568.D

Acq: 9 Mar 2018 20:13

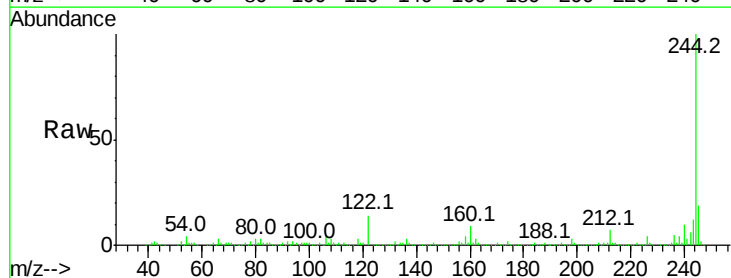
Tgt Ion:244 Resp: 519416

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

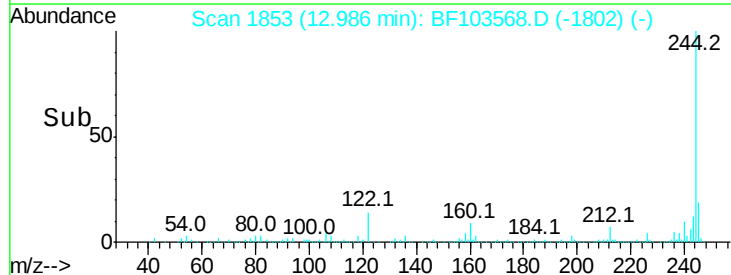
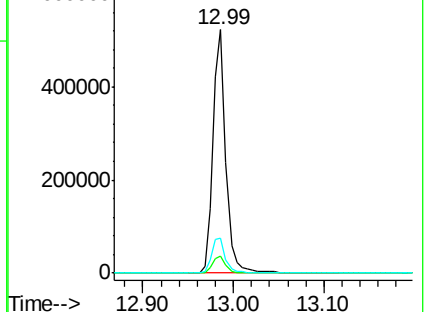
122 14.2 11.0 16.4

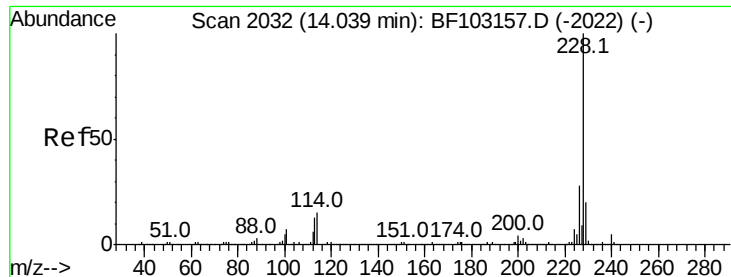


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 2.540 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.00 min

Lab File: BF103568.D

Acq: 9 Mar 2018 20:13

Instrument :

BNA_F

ClientSampleId :

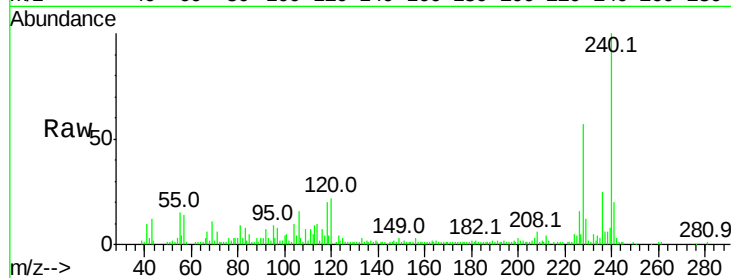
Tot Ion:228 Resp: 39856

Ion Ratio Lower Upper

228 100

226 28.9 22.6 33.8

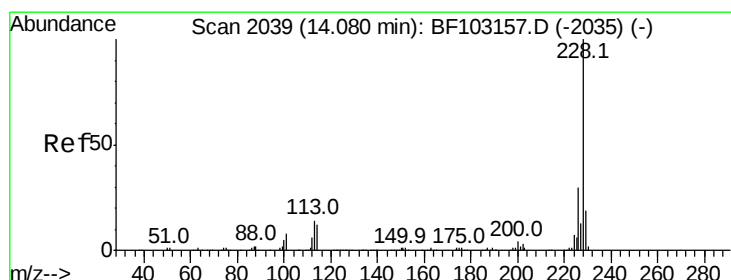
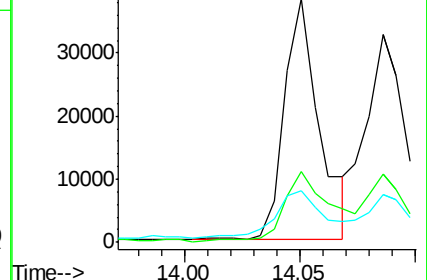
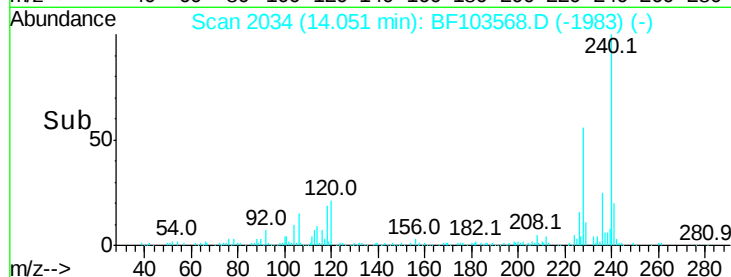
229 21.3 15.8 23.6



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: 2.650 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.00 min

Lab File: BF103568.D

Acq: 9 Mar 2018 20:13

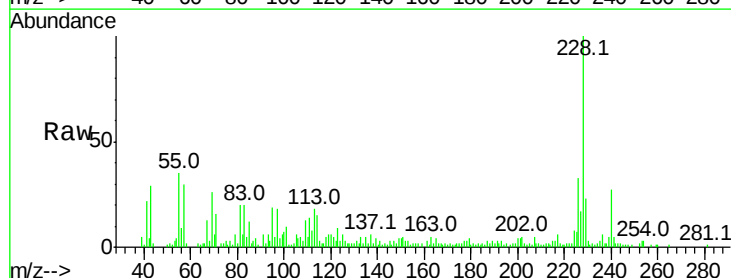
Tgt Ion:228 Resp: 40368

Ion Ratio Lower Upper

228 100

226 32.7 25.0 37.6

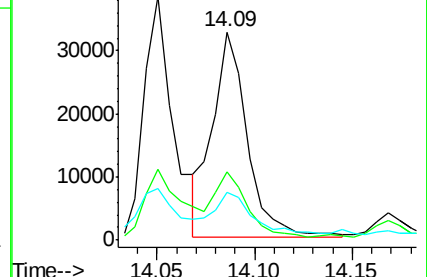
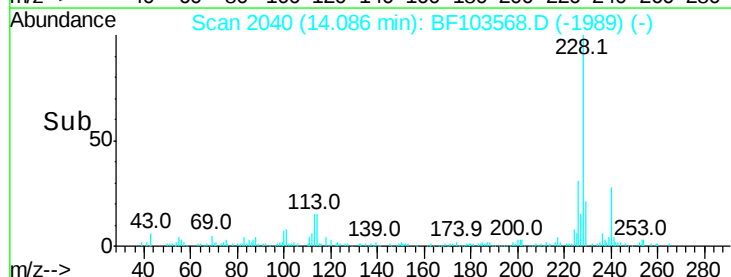
229 23.0 16.2 24.4

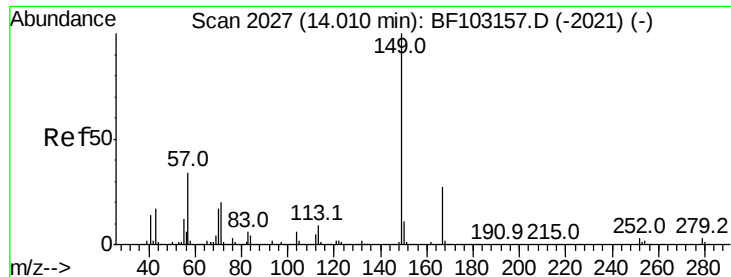


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

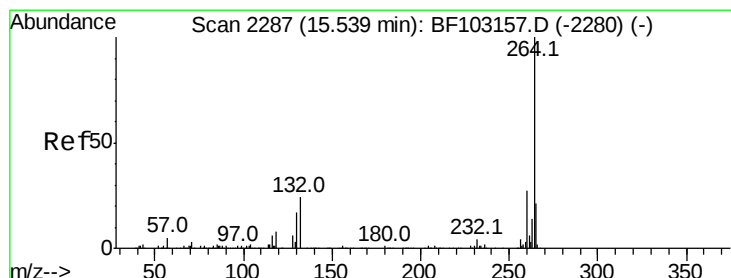
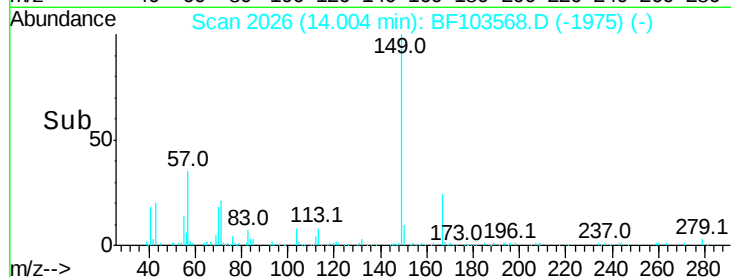
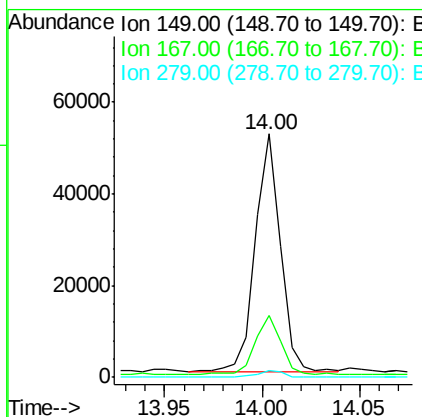
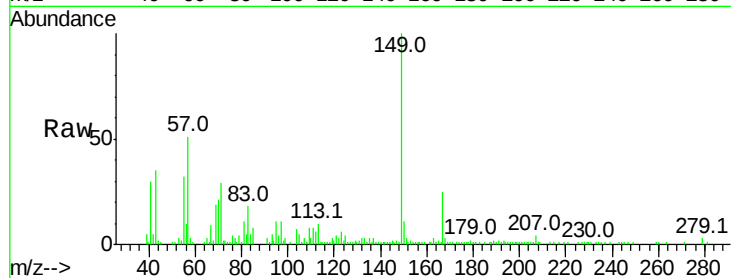




#83
Bis(2-ethylhexyl)phthalate
Concen: 3.426 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BF103568.D
Acq: 9 Mar 2018 20:13

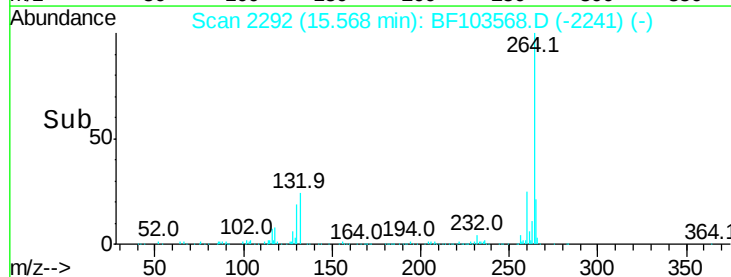
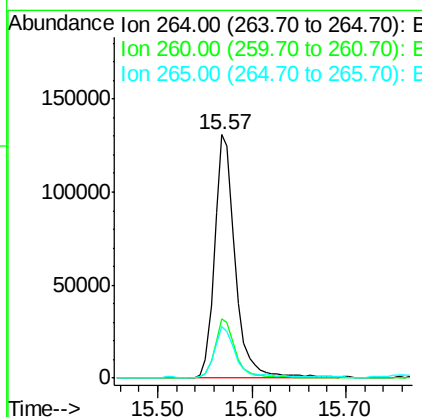
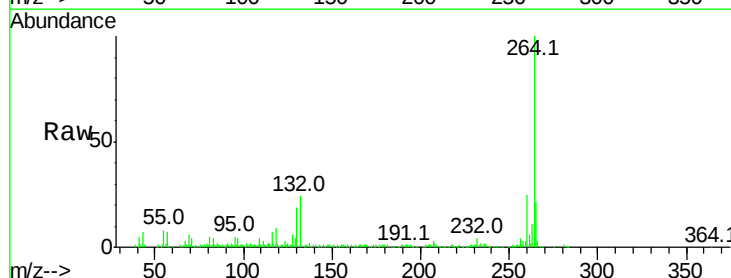
Instrument :
BNA_F
ClientSampleId :

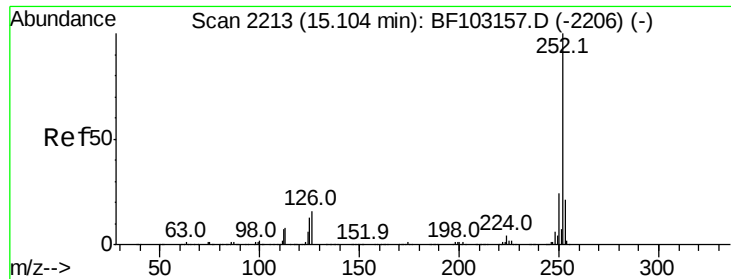
Tot Ion:149 Resp: 46055
Ion Ratio Lower Upper
149 100
167 25.2 21.3 31.9
279 2.8 3.0 4.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. -0.00 min
Lab File: BF103568.D
Acq: 9 Mar 2018 20:13

Tgt Ion:264 Resp: 201712
Ion Ratio Lower Upper
264 100
260 24.5 19.2 28.8
265 21.3 17.5 26.3

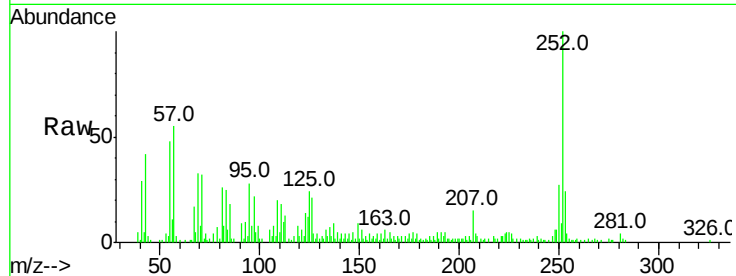




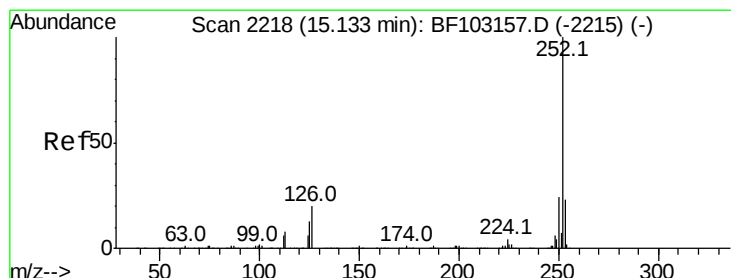
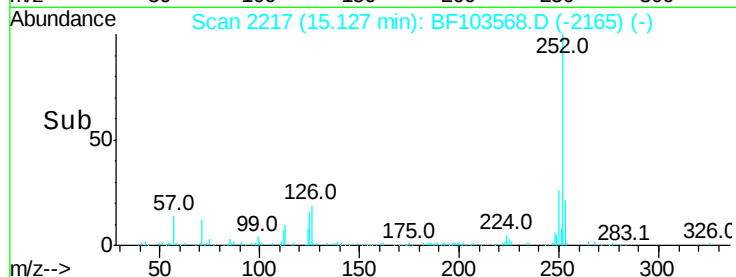
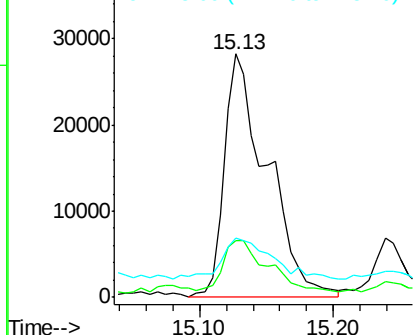
#87
Benzo(b)fluoranthene
Concen: 4.762 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF103568.D
Acq: 9 Mar 2018 20:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 63157
Ion Ratio Lower Upper
252 100
253 23.5 17.0 25.6
125 24.4 9.0 13.6#

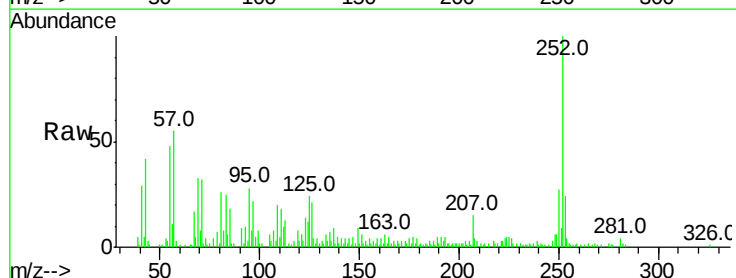


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

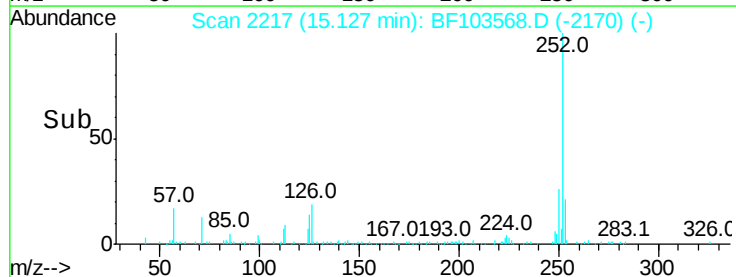
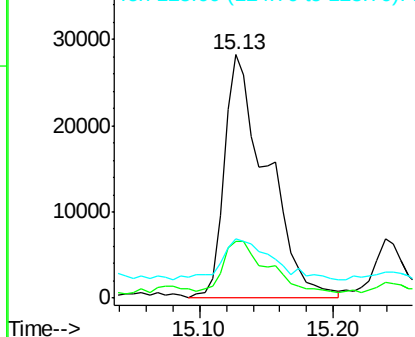


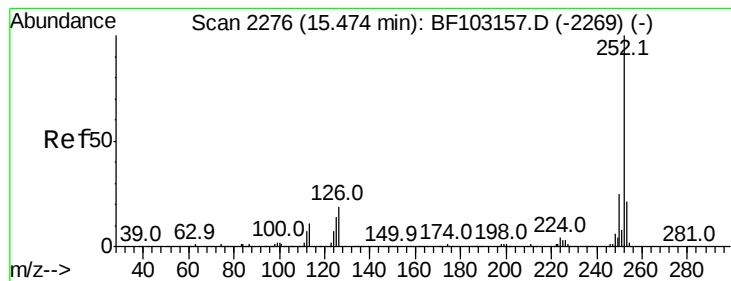
#88
Benzo(k)fluoranthene
Concen: 5.057 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.02 min
Lab File: BF103568.D
Acq: 9 Mar 2018 20:13

Tgt Ion:252 Resp: 63157
Ion Ratio Lower Upper
252 100
253 23.5 17.9 26.9
125 24.4 10.2 15.2#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 2.849 ng

RT: 15.51 min Scan# 2282

Delta R.T. 0.01 min

Lab File: BF103568.D

Acq: 9 Mar 2018 20:13

Instrument :

BNA_F

ClientSampleId :

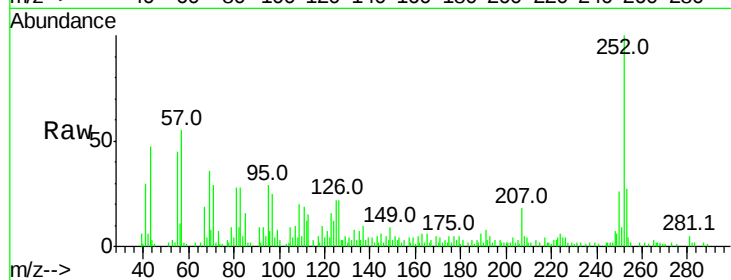
Tot Ion:252 Resp: 33746

Ion Ratio Lower Upper

252 100

253 27.1 17.1 25.7#

125 22.1 9.8 14.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

