

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030618\
 Data File : BF103466.D
 Acq On : 6 Mar 2018 20:09
 Operator : SJ/JU
 Sample : J1722-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 07 00:13:49 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	148742	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	653249	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	258944	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	406768	20.00	ng	0.00
75) Chrysene-d12	14.06	240	285407	20.00	ng	0.00
86) Perylene-d12	15.57	264	228450	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	908708	92.40	ng	0.00
7) Phenol-d6	6.51	99	1112148	92.42	ng	0.00
23) Nitrobenzene-d5	7.44	82	719333	62.89	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	137212	62.60	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	961408	59.42	ng	0.00
78) Terphenyl-d14	12.99	244	674866	56.84	ng	0.00

Target Compounds

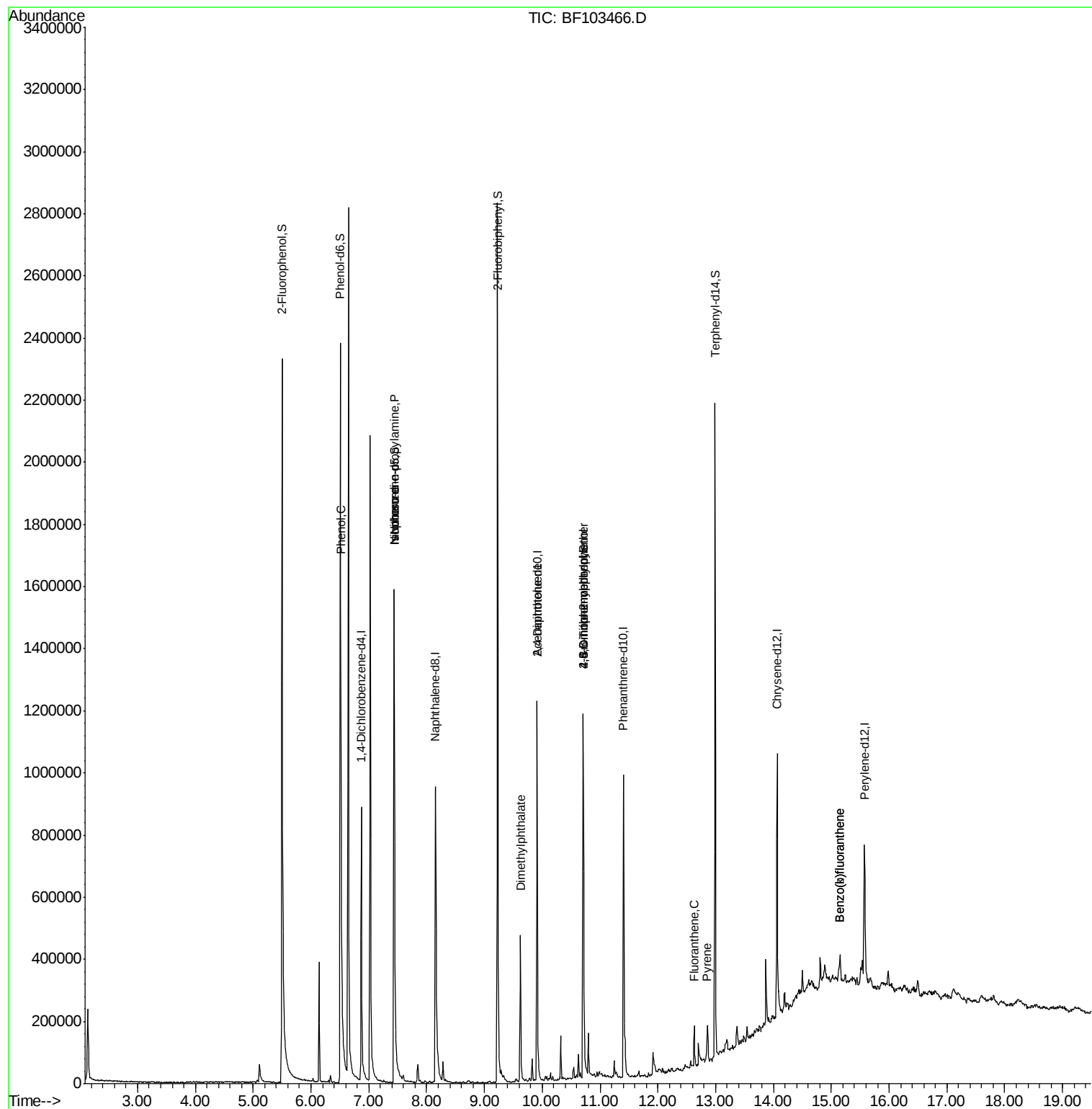
						Qvalue
9) Benzaldehyde	6.51	77	2328	Below Cal	#	1
10) Phenol	6.52	94	44612	3.193 ng	#	56
19) n-Nitroso-di-n-propylamine	7.44	70	92464	12.346 ng	#	83
25) Isophorone	7.44	82	719333	31.930 ng	#	64
49) Dimethylphthalate	9.62	163	215329	10.366 ng		99
56) 2,4-Dinitrotoluene	9.91	165	33393	6.057 ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.71	198	373	5.081 ng	#	1
66) 4-Bromophenyl-phenylether	10.71	248	9415	2.222 ng	#	1
74) Fluoranthene	12.63	202	51674	2.297 ng		99
77) Pyrene	12.86	202	48818	2.194 ng		98
87) Benzo(b)fluoranthene	15.13	252	37867	2.521 ng	#	78
88) Benzo(k)fluoranthene	15.13	252	37867	2.677 ng	#	81

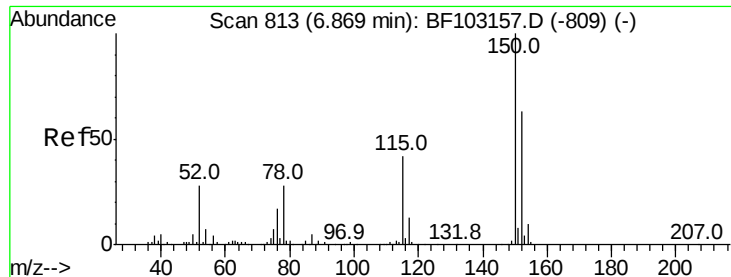
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
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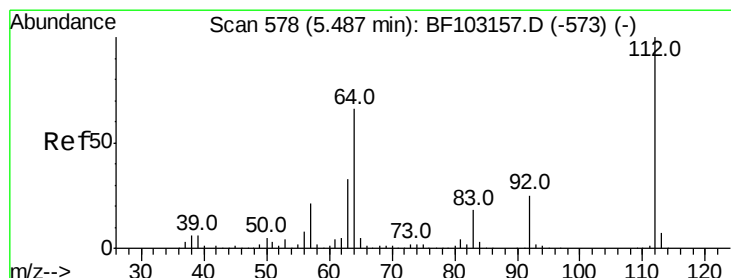
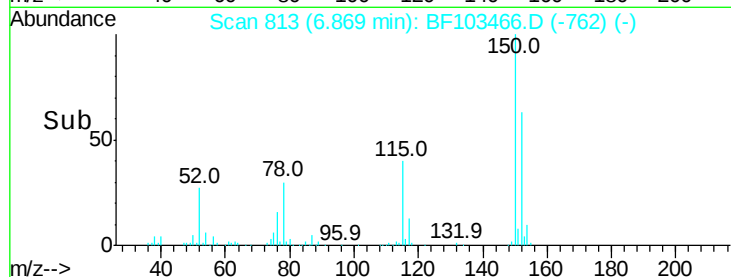
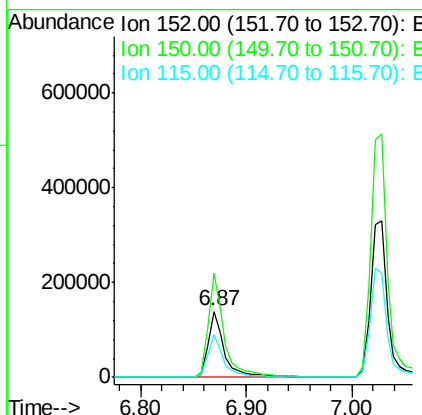
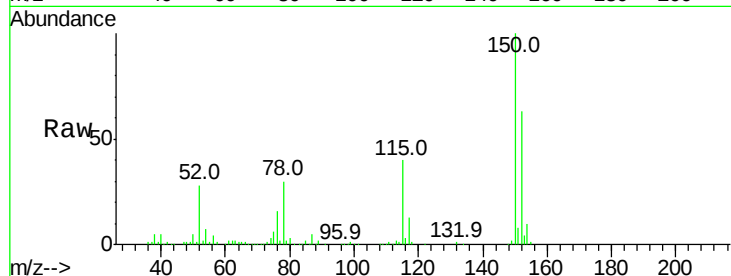


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF103466.D
Acq: 6 Mar 2018 20:09

Instrument :
BNA_F
ClientSampleId :

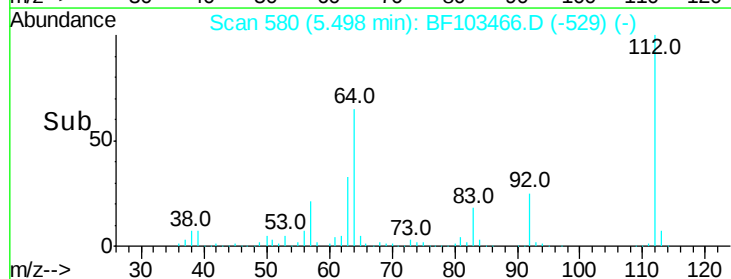
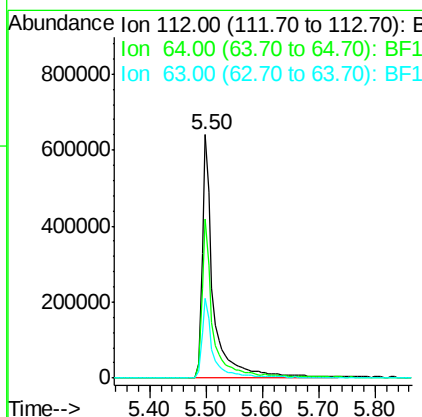
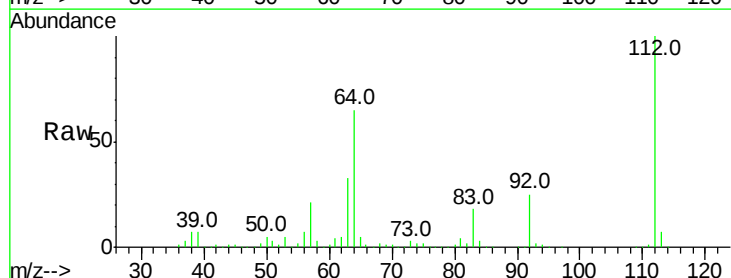
Tot Ion:152 Resp: 148742
Ion Ratio Lower Upper
152 100
150 158.1 124.6 186.8
115 63.9 50.1 75.1

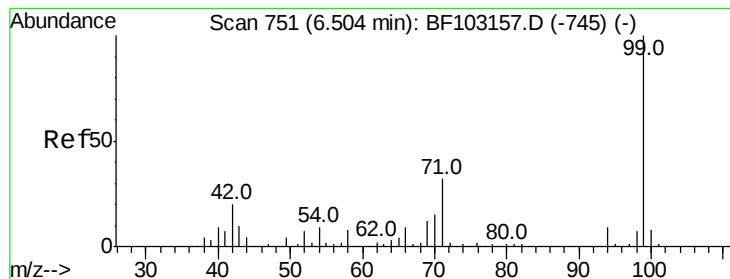


#5

2-Fluorophenol
Concen: 92.399 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF103466.D
Acq: 6 Mar 2018 20:09

Tgt Ion:112 Resp: 908708
Ion Ratio Lower Upper
112 100
64 65.4 47.9 71.9
63 33.0 23.7 35.5





#7

Phenol-d6

Concen: 92.416 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF103466.D

Acq: 6 Mar 2018 20:09

Instrument :

BNA_F

ClientSampled :

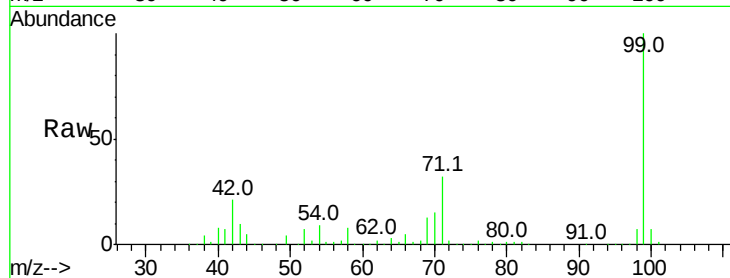
Tot Ion: 99 Resp: 1112148

Ion	Ratio	Lower	Upper
99	100		
42	21.2	14.5	21.7
71	32.4	25.4	38.0

99 100

42 21.2 14.5 21.7

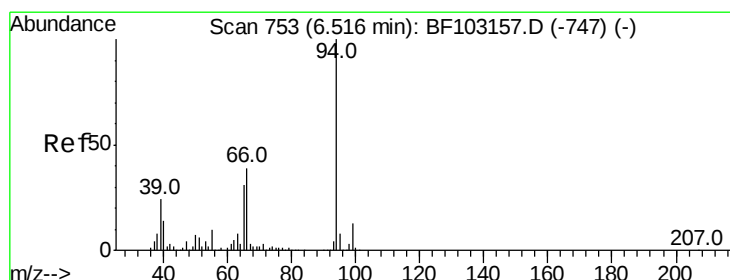
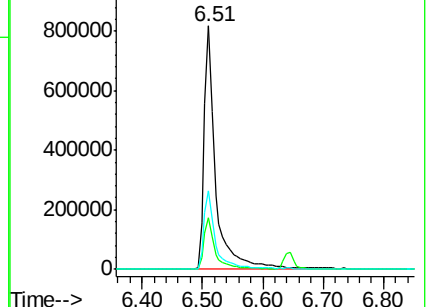
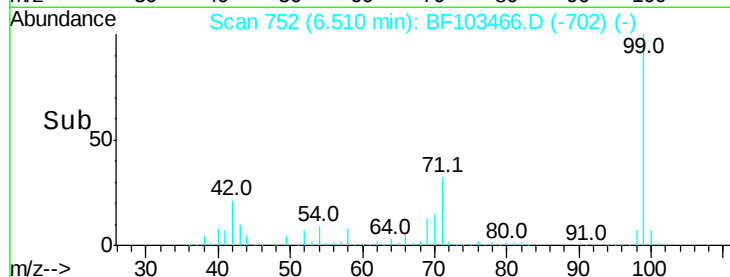
71 32.4 25.4 38.0



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: 3.193 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF103466.D

Acq: 6 Mar 2018 20:09

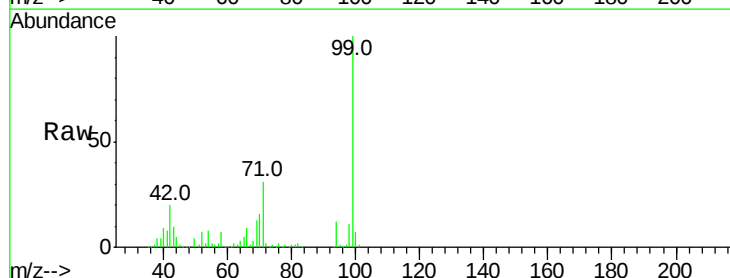
Tgt Ion: 94 Resp: 44612

Ion	Ratio	Lower	Upper
94	100		
65	38.8	7.9	47.9
66	72.9	16.2	56.2

94 100

65 38.8 7.9 47.9

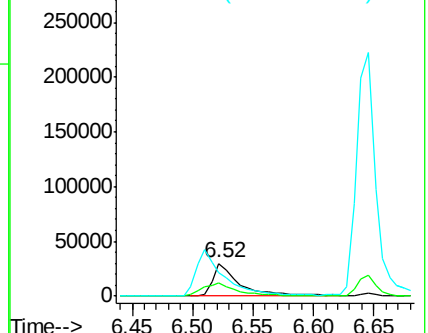
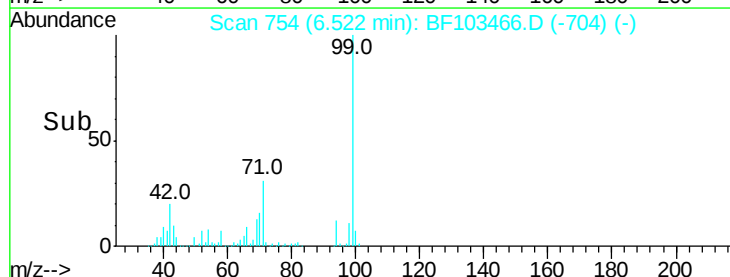
66 72.9 16.2 56.2

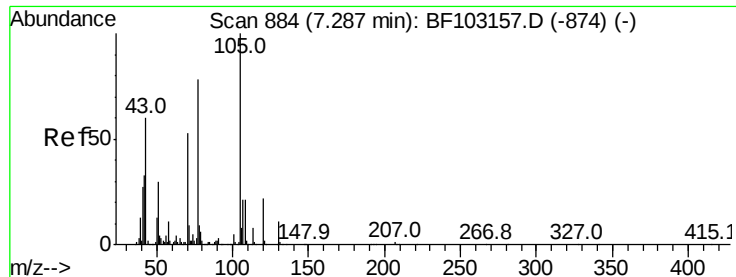


Abundance Ion 94.00 (93.70 to 94.70): BF1

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: 12.346 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.15 min

Lab File: BF103466.D

Acq: 6 Mar 2018 20:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 92464

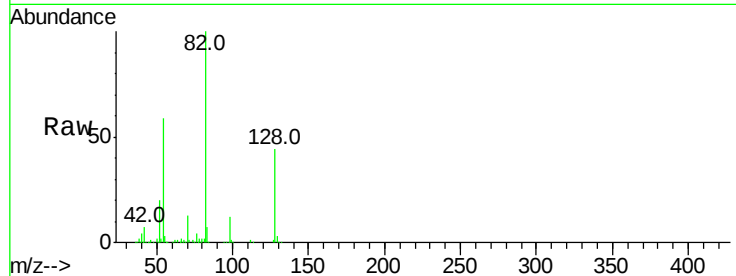
Ion Ratio Lower Upper

70 100

42 53.6 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

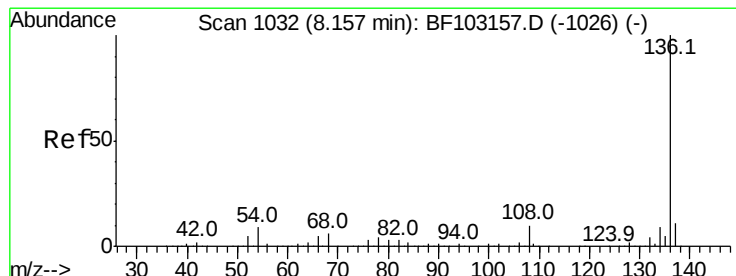
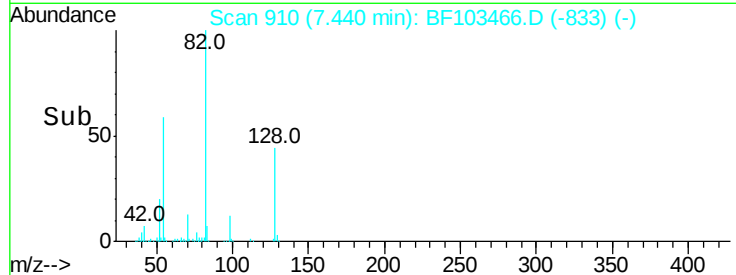
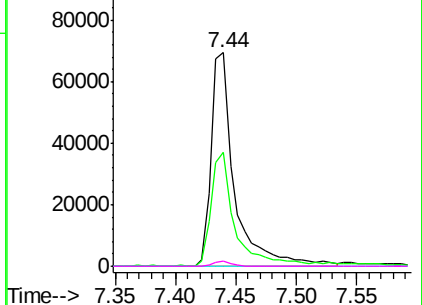


Abundance Ion 70.00 (69.70 to 70.70): BF1

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. -0.01 min

Lab File: BF103466.D

Acq: 6 Mar 2018 20:09

Tgt Ion: 136 Resp: 653249

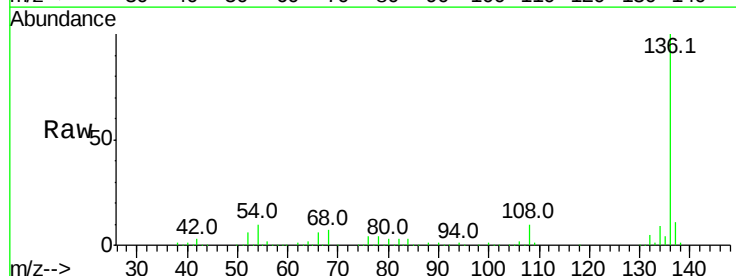
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 10.1 6.6 9.8#

68 7.0 5.0 7.4

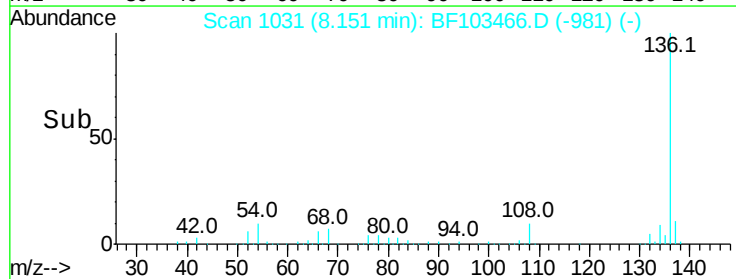
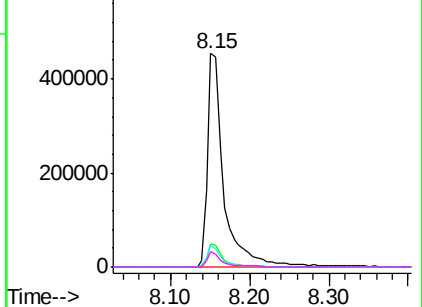


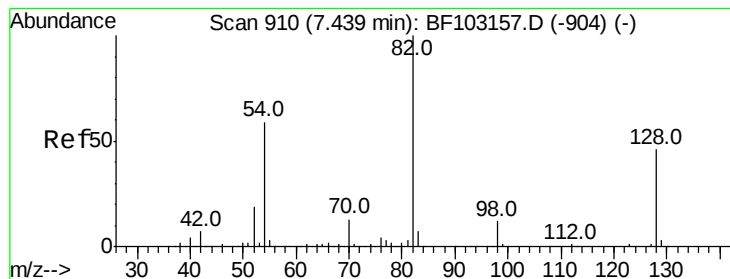
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





#23

Nitrobenzene-d5

Concen: 62.886 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF103466.D

Acq: 6 Mar 2018 20:09

Instrument :

BNA_F

ClientSampled :

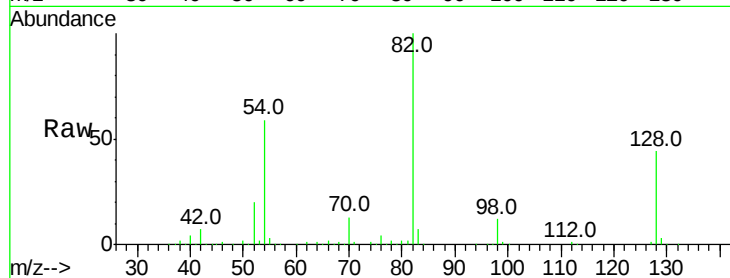
Tot Ion: 82 Resp: 719333

Ion Ratio Lower Upper

82 100

128 43.8 36.1 54.1

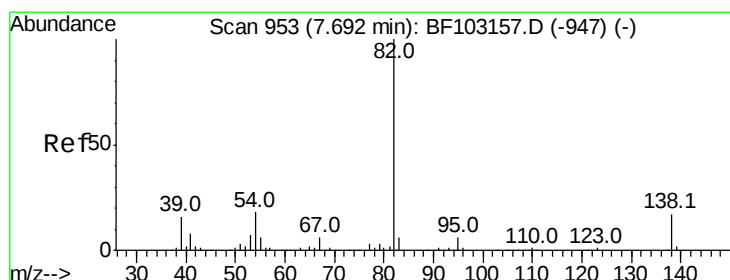
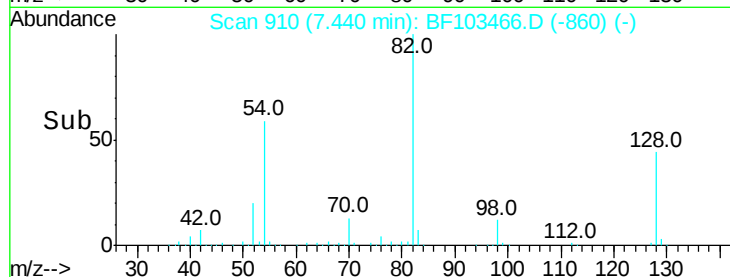
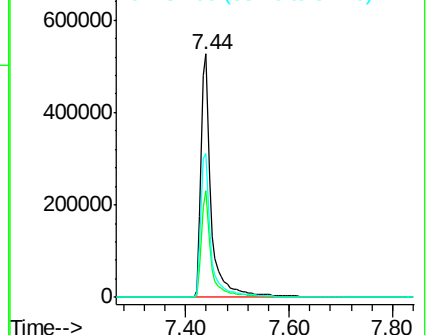
54 58.8 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 31.930 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.25 min

Lab File: BF103466.D

Acq: 6 Mar 2018 20:09

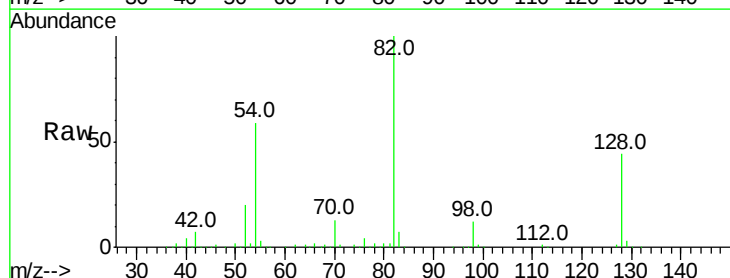
Tgt Ion: 82 Resp: 719333

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

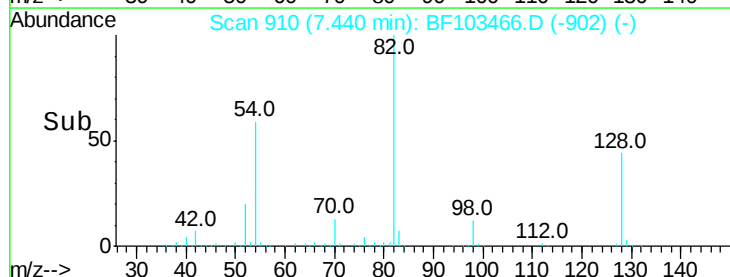
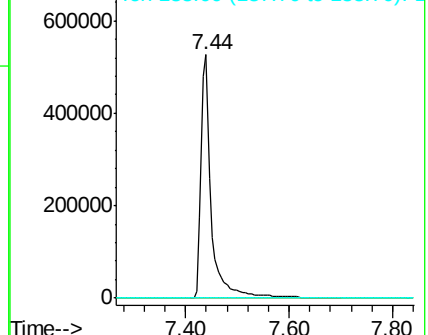
138 0.0 14.9 22.3#

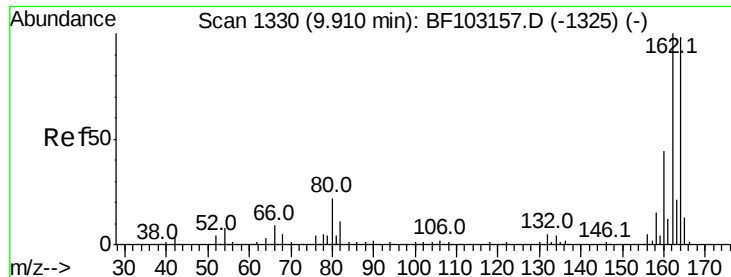


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

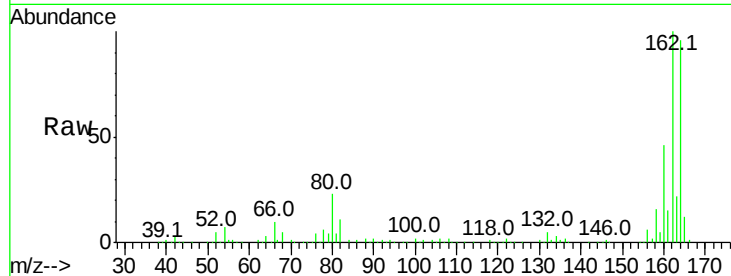




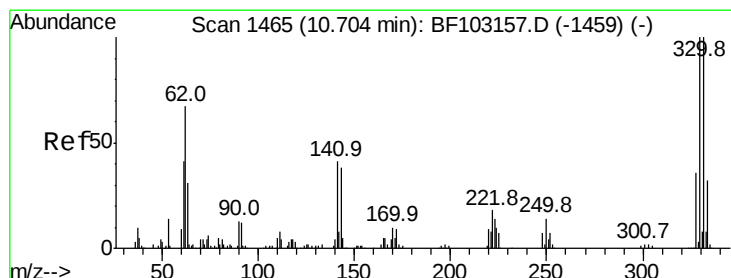
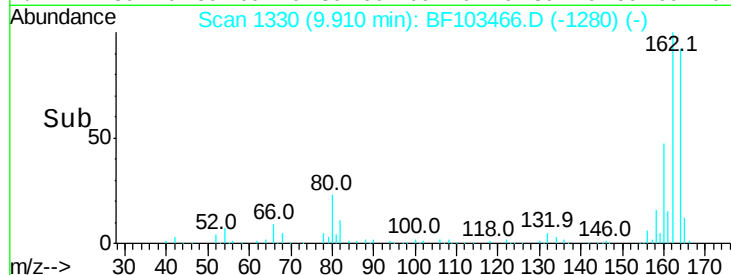
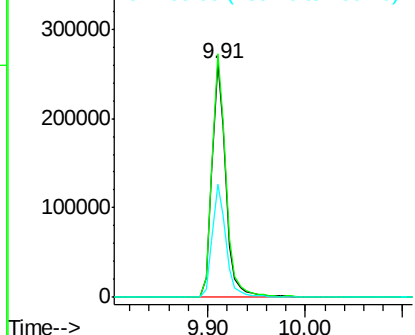
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF103466.D
Acq: 6 Mar 2018 20:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 258944
Ion Ratio Lower Upper
164 100
162 104.0 86.1 129.1
160 48.3 38.3 57.5

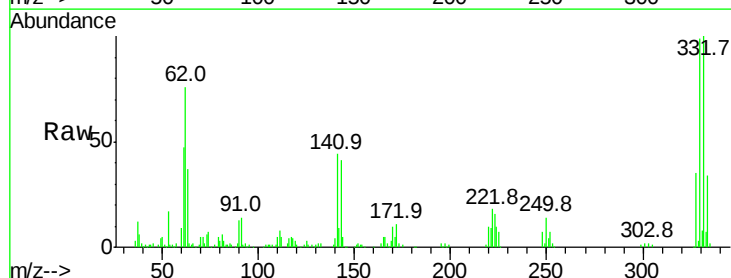


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

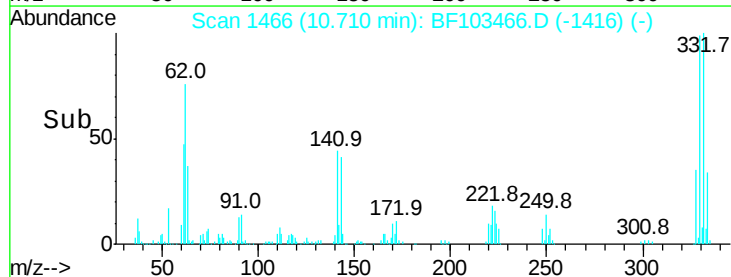
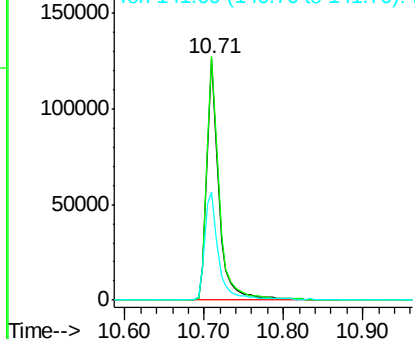


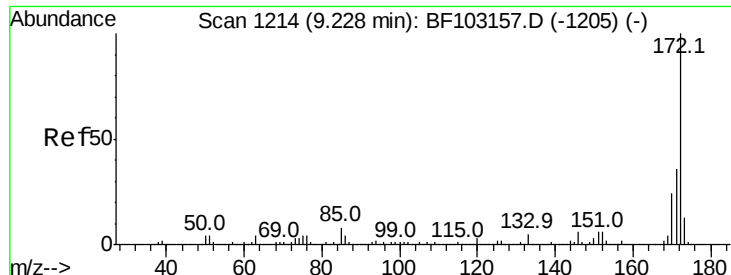
#41
2,4,6-Tribromophenol
Concen: 62.602 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF103466.D
Acq: 6 Mar 2018 20:09

Tgt Ion:330 Resp: 137212
Ion Ratio Lower Upper
330 100
332 103.3 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

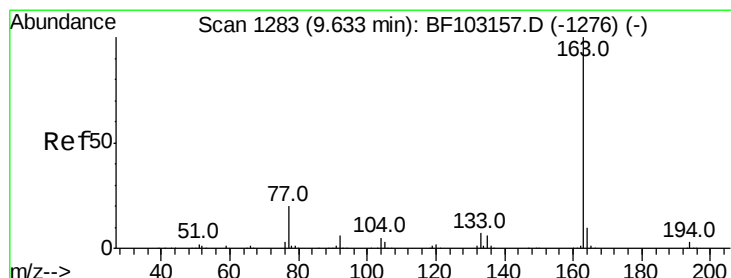
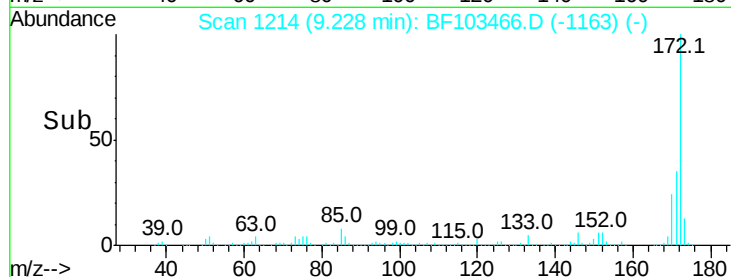
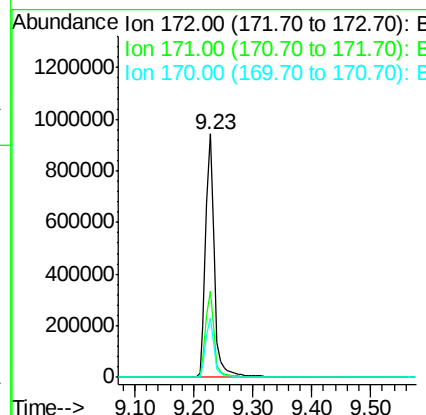
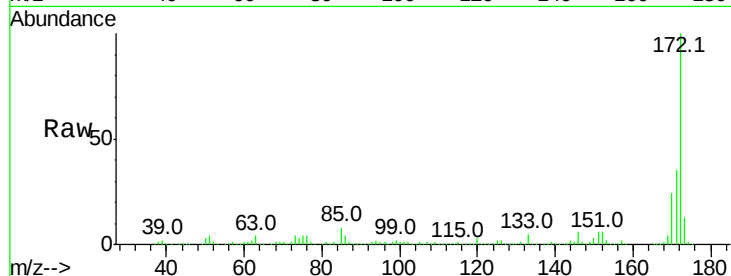




#44
2-Fluorobiphenyl
Concen: 59.422 ng
RT: 9.23 min Scan# 1214
Delta R.T. 0.00 min
Lab File: BF103466.D
Acq: 6 Mar 2018 20:09

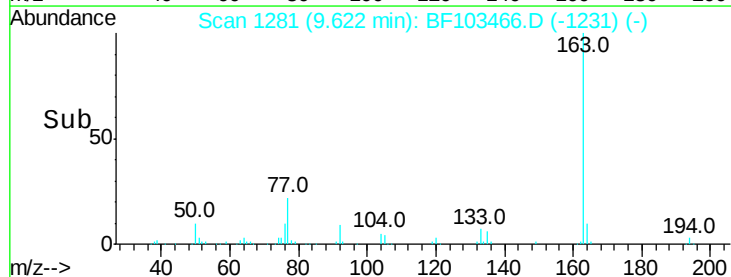
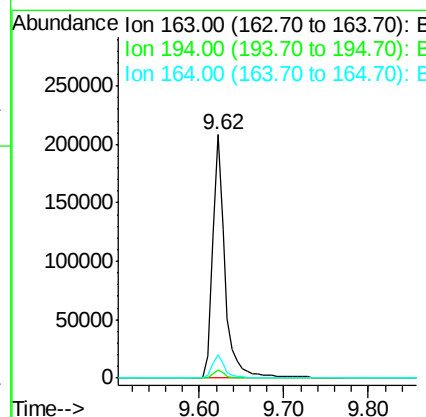
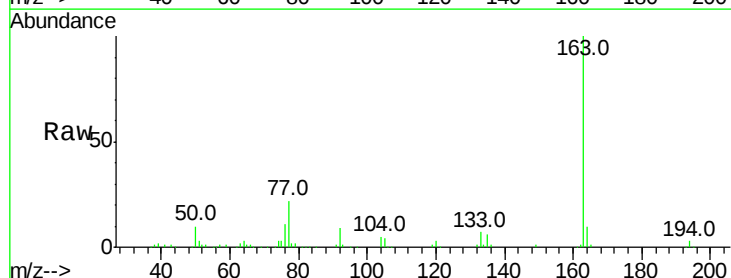
Instrument :
BNA_F
ClientSampleId :

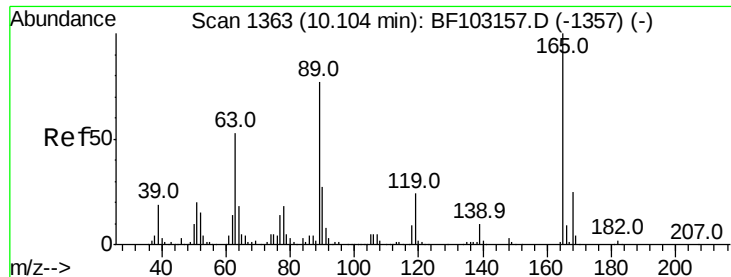
Tot Ion:172 Resp: 961408
Ion Ratio Lower Upper
172 100
171 35.4 29.7 44.5
170 24.5 19.6 29.4



#49
Dimethylphthalate
Concen: 10.366 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF103466.D
Acq: 6 Mar 2018 20:09

Tgt Ion:163 Resp: 215329
Ion Ratio Lower Upper
163 100
194 3.1 2.7 4.1
164 9.9 8.2 12.2

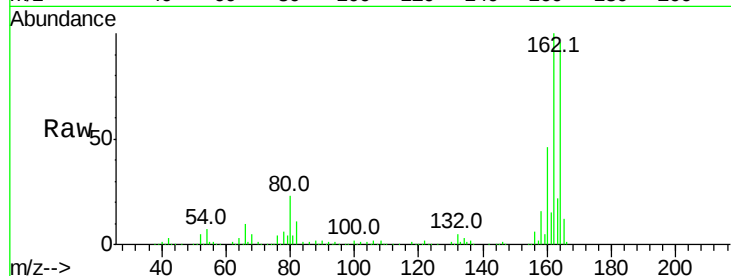




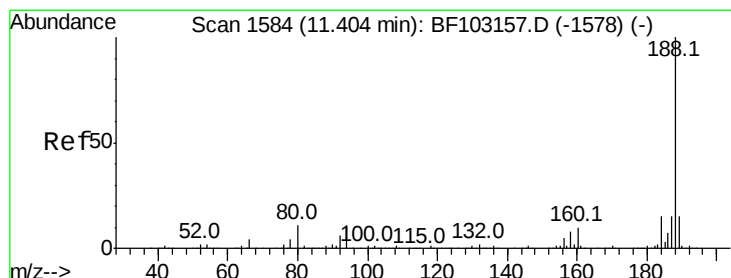
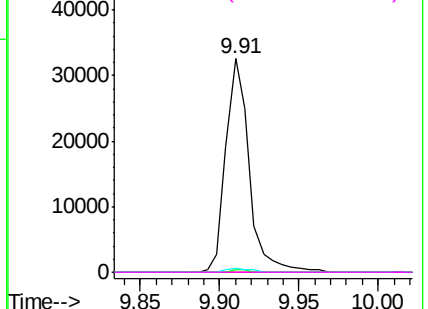
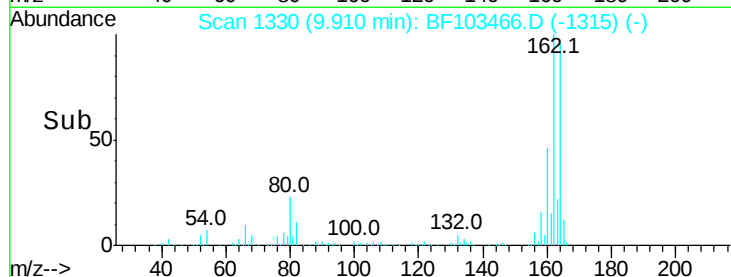
#56
 2,4-Dinitrotoluene
 Concen: 6.057 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.21 min
 Lab File: BF103466.D
 Acq: 6 Mar 2018 20:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 33393
 Ion Ratio Lower Upper
 165 100
 63 1.3 36.4 54.6#
 89 1.6 57.8 86.6#
 182 0.0 1.6 2.4#

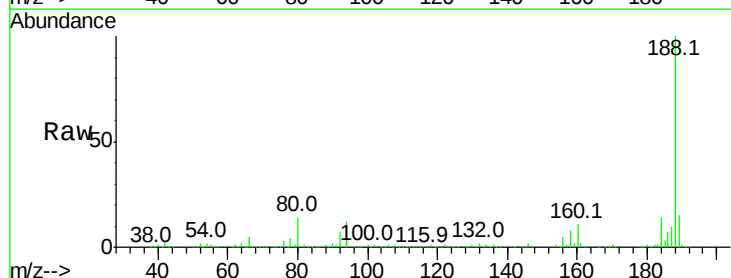


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

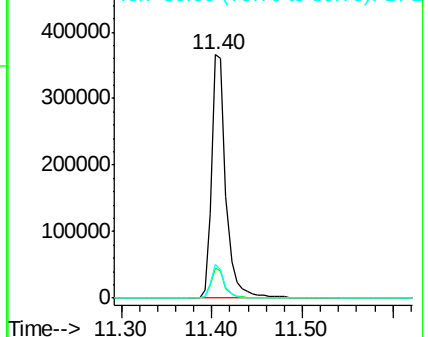
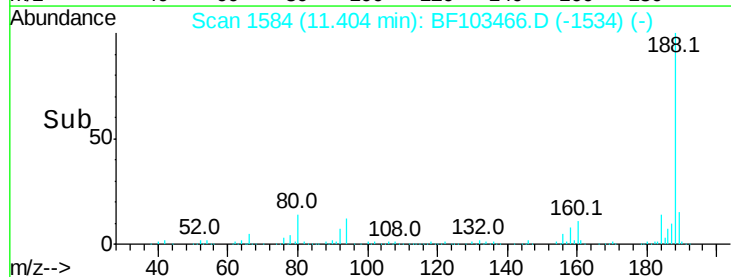


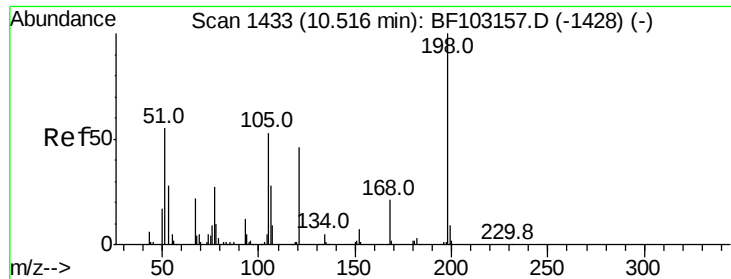
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF103466.D
 Acq: 6 Mar 2018 20:09

Tgt Ion:188 Resp: 406768
 Ion Ratio Lower Upper
 188 100
 94 12.3 8.5 12.7
 80 13.8 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1





#64

4,6-Dinitro-2-methylphenol

Concen: 5.081 ng

RT: 10.71 min Scan# 1466

Delta R.T. 0.18 min

Lab File: BF103466.D

Acq: 6 Mar 2018 20:09

Instrument :

BNA_F

ClientSampleId :

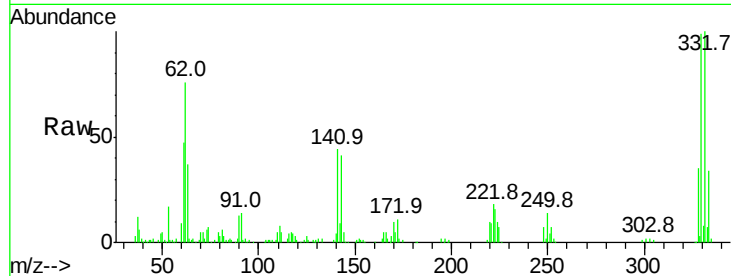
Tot Ion:198 Resp: 373

Ion Ratio Lower Upper

198 100

51 184.8 37.7 77.7#

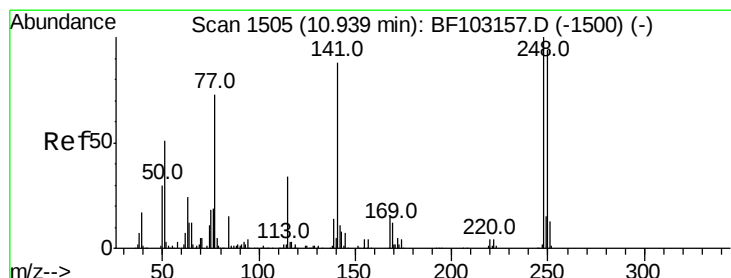
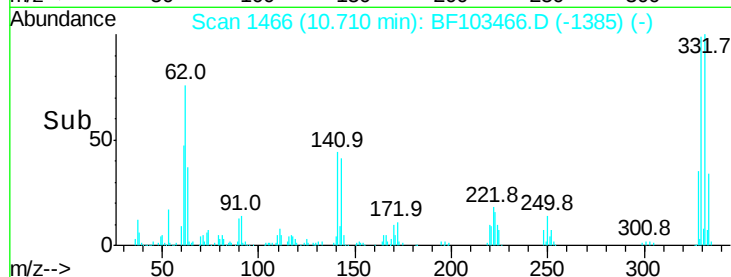
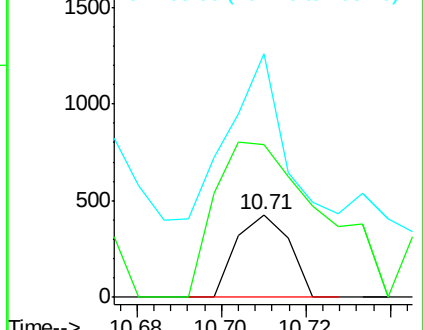
105 293.5 36.3 76.3#



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: 2.222 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.24 min

Lab File: BF103466.D

Acq: 6 Mar 2018 20:09

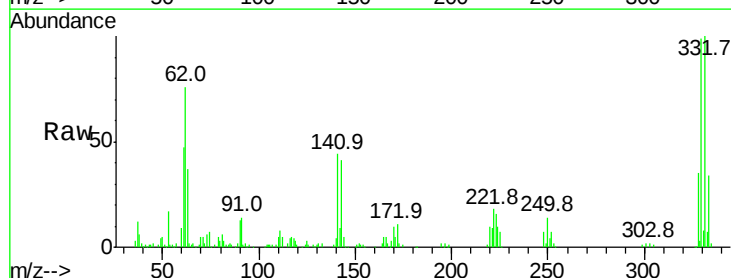
Tgt Ion:248 Resp: 9415

Ion Ratio Lower Upper

248 100

250 192.9 76.9 115.3#

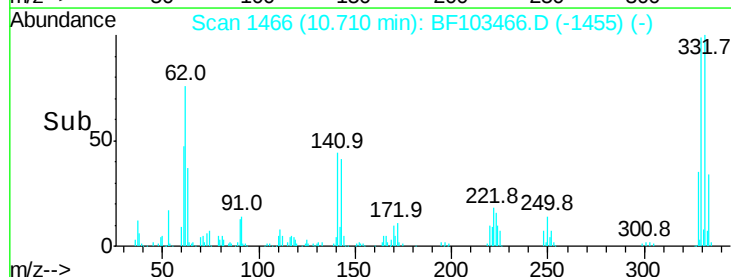
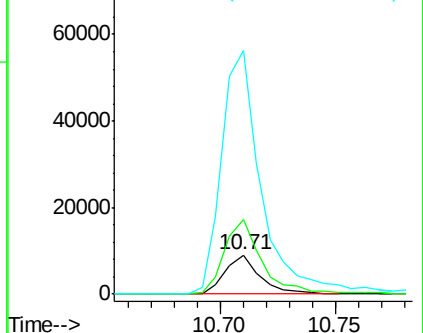
141 624.4 74.4 111.6#

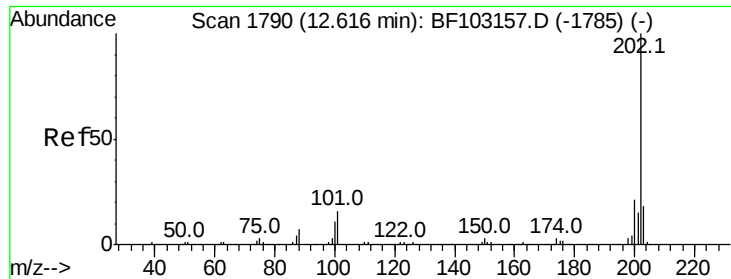


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#74

Fluoranthene

Concen: 2.297 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BF103466.D

Acq: 6 Mar 2018 20:09

Instrument :

BNA_F

ClientSampleId :

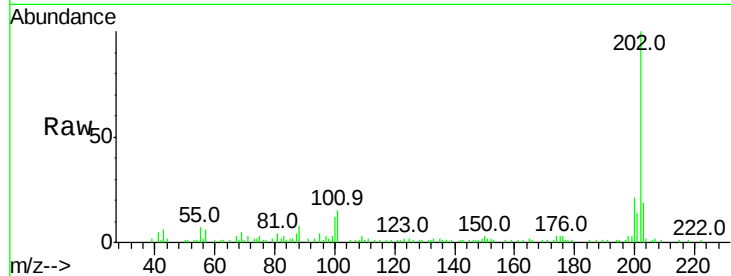
Tot Ion:202 Resp: 51674

Ion Ratio Lower Upper

202 100

101 14.8 0.0 34.1

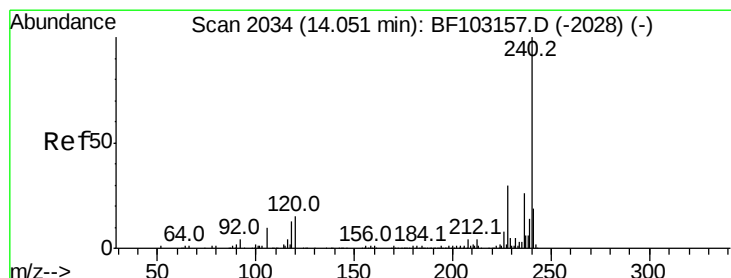
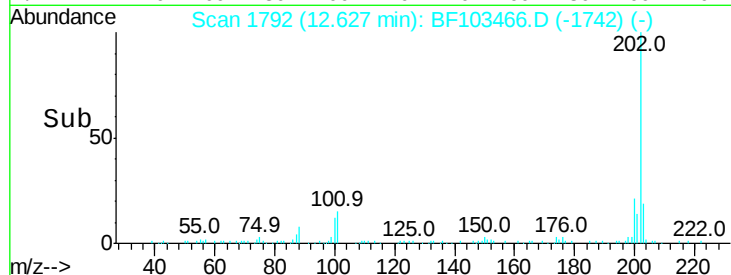
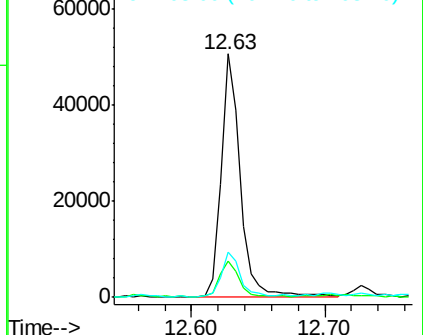
203 18.5 0.0 38.1



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: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF103466.D

Acq: 6 Mar 2018 20:09

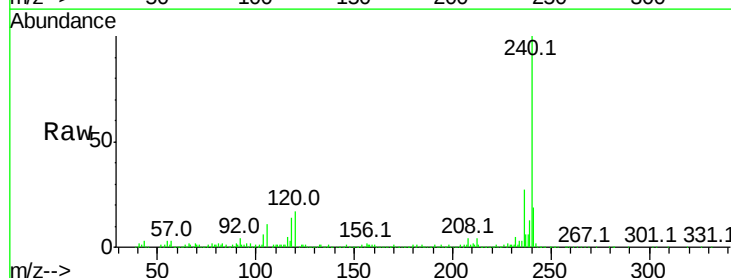
Tgt Ion:240 Resp: 285407

Ion Ratio Lower Upper

240 100

120 16.6 9.5 14.3#

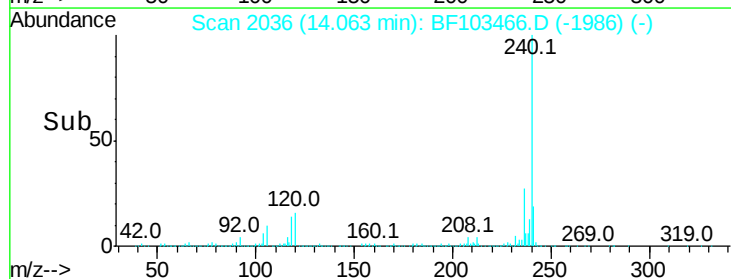
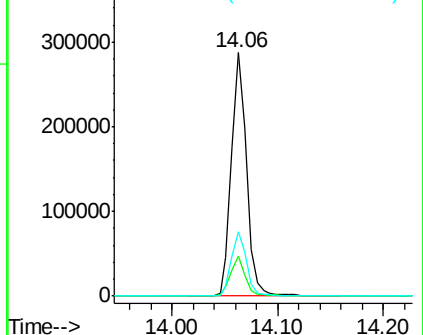
236 26.7 20.7 31.1

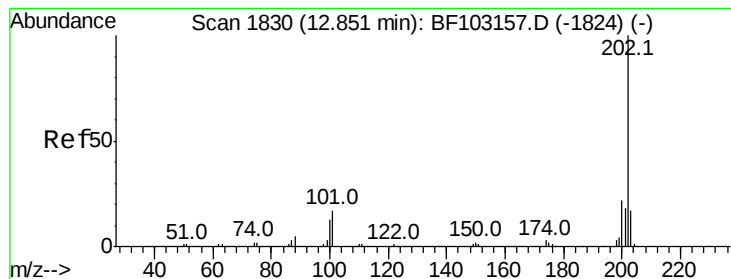


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 2.194 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.00 min

Lab File: BF103466.D

Acq: 6 Mar 2018 20:09

Instrument :

BNA_F

ClientSampleId :

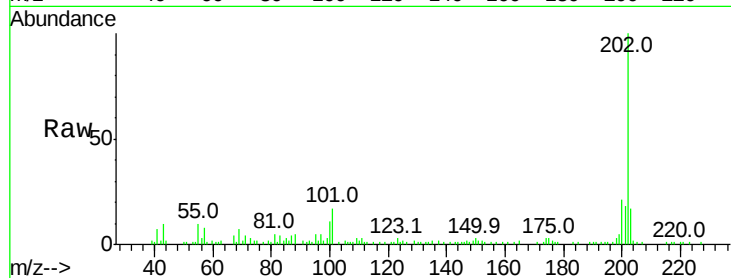
Tot Ion:202 Resp: 48818

Ion Ratio Lower Upper

202 100

200 20.7 17.4 26.2

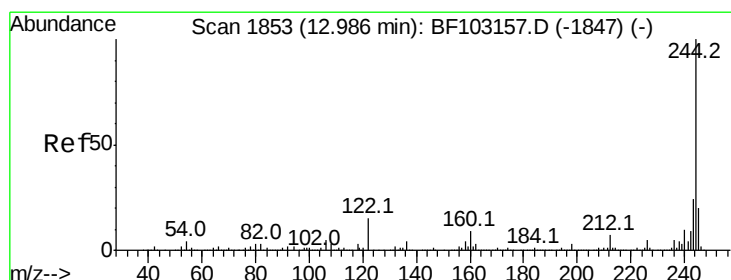
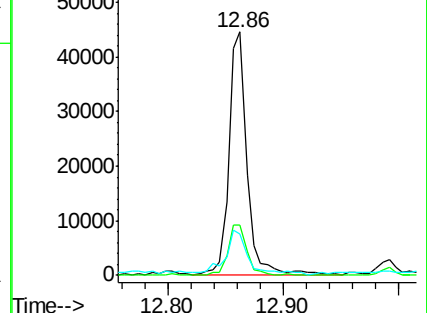
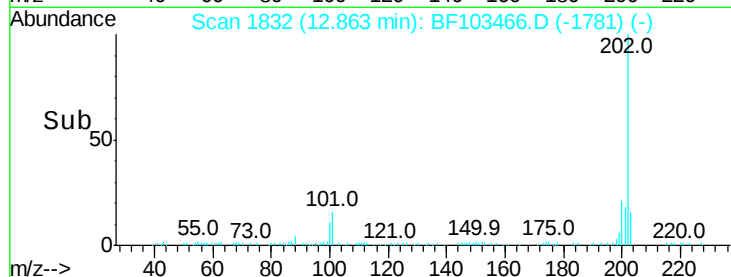
203 17.0 14.3 21.5



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: 56.841 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF103466.D

Acq: 6 Mar 2018 20:09

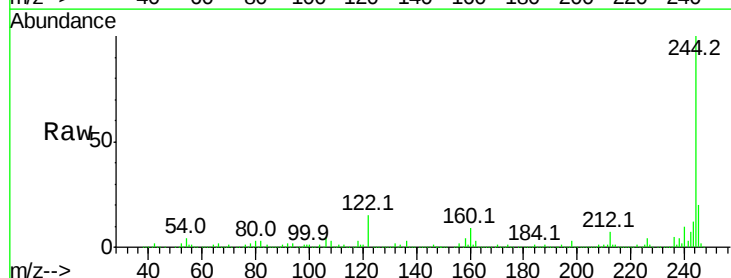
Tgt Ion:244 Resp: 674866

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

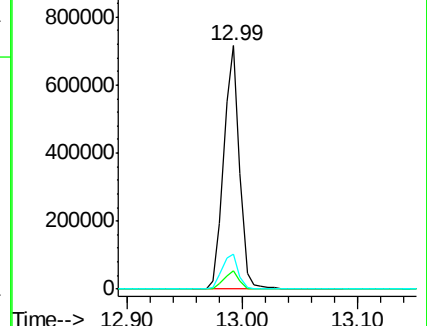
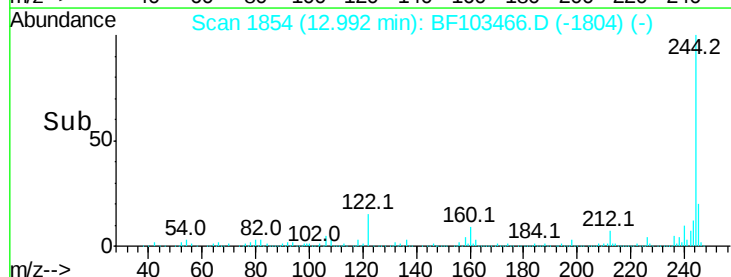
122 14.5 11.0 16.4

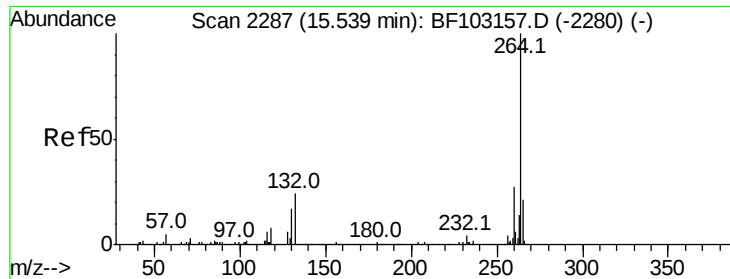


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

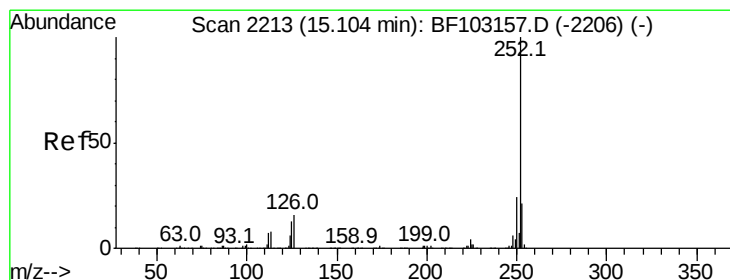
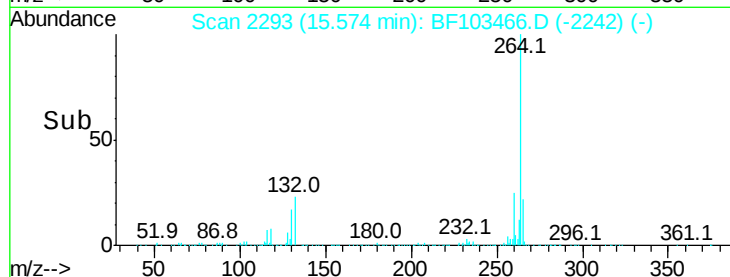
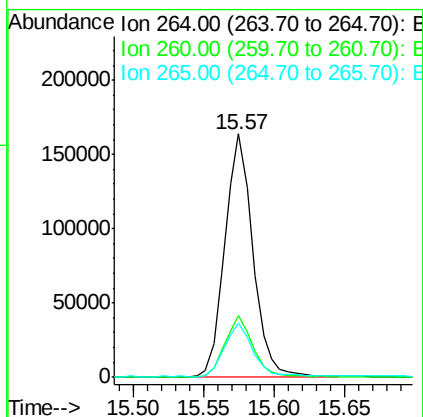
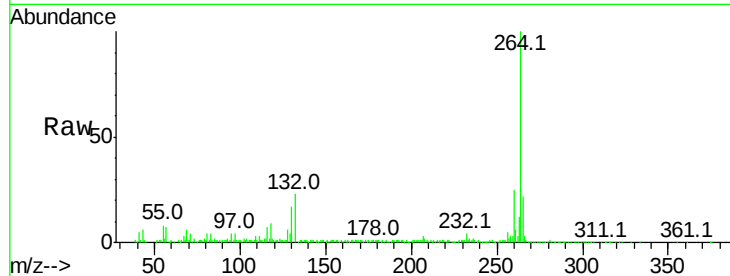




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: BF103466.D
Acq: 6 Mar 2018 20:09

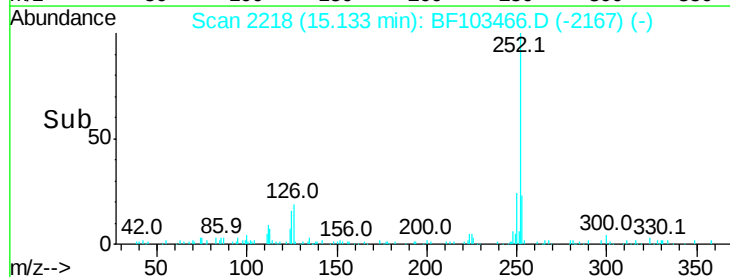
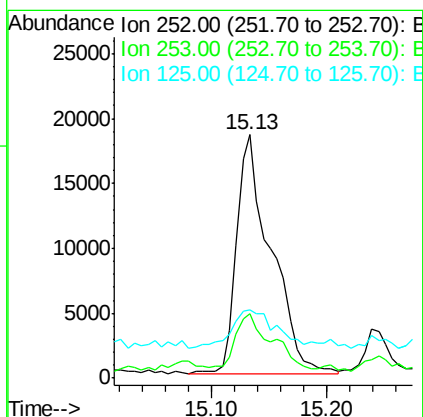
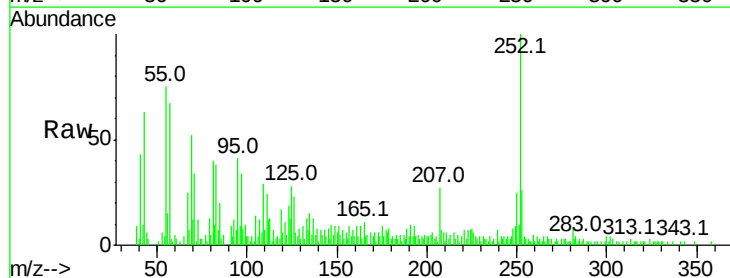
Instrument :
BNA_F
ClientSampleId :

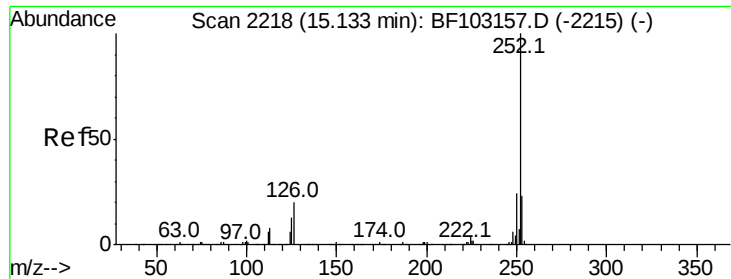
Tot Ion:264 Resp: 228450
Ion Ratio Lower Upper
264 100
260 25.3 19.2 28.8
265 22.1 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 2.521 ng
RT: 15.13 min Scan# 2218
Delta R.T. 0.00 min
Lab File: BF103466.D
Acq: 6 Mar 2018 20:09

Tgt Ion:252 Resp: 37867
Ion Ratio Lower Upper
252 100
253 26.4 17.0 25.6#
125 28.1 9.0 13.6#





#88
 Benzo(k)fluoranthene
 Concen: 2.677 ng
 RT: 15.13 min Scan# 2218
 Delta R.T. -0.03 min
 Lab File: BF103466.D
 Acq: 6 Mar 2018 20:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.4	17.9	26.9
125	28.1	10.2	15.2

