

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030818\
 Data File : BF103524.D
 Acq On : 8 Mar 2018 18:42
 Operator : SJ/JU
 Sample : J1828-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 08 23:52:37 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

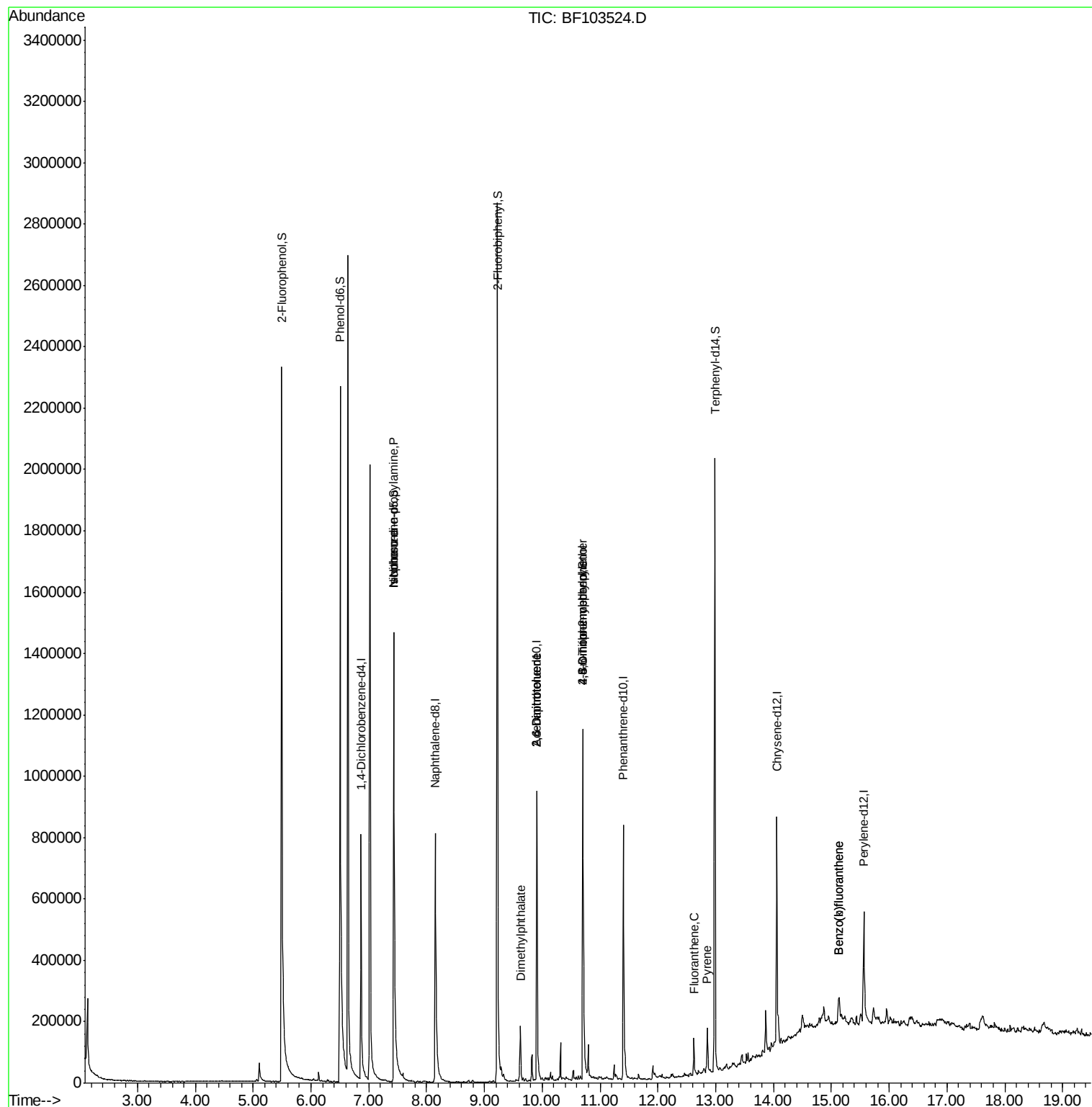
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	142276	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	605061	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	238371	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	368322	20.00	ng	0.00
75) Chrysene-d12	14.06	240	254496	20.00	ng	0.00
86) Perylene-d12	15.56	264	203186	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	899340	95.60	ng	0.00
7) Phenol-d6	6.50	99	1106376	96.11	ng	0.00
23) Nitrobenzene-d5	7.43	82	702544	66.31	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	141663	70.21	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1024132	71.17	ng	0.00
78) Terphenyl-d14	12.99	244	666650	62.97	ng	0.00
Target Compounds						
9) Benzaldehyde	6.50	77	2373	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propylamine	7.43	70	90572	12.643	ng	# 83
25) Isophorone	7.43	82	702544	33.668	ng	# 64
49) Dimethylphthalate	9.62	163	88875	4.648	ng	# 98
50) 2,6-Dinitrotoluene	9.90	165	30267	7.542	ng	# 26
56) 2,4-Dinitrotoluene	9.90	165	30268	5.964	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.70	198	147	5.004	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	10084	2.628	ng	# 1
74) Fluoranthene	12.62	202	50821	2.495	ng	99
77) Pyrene	12.86	202	45000	2.268	ng	99
87) Benzo(b)fluoranthene	15.12	252	44573	3.336	ng	# 86
88) Benzo(k)fluoranthene	15.12	252	44573	3.543	ng	# 89

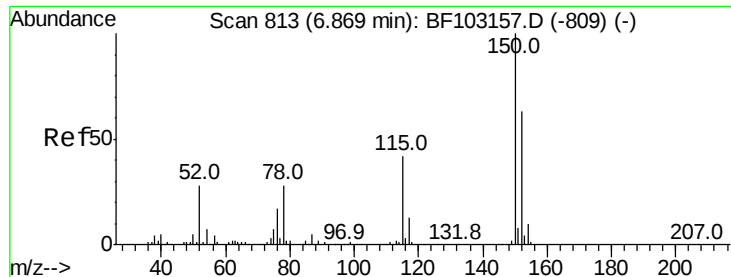
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030818\
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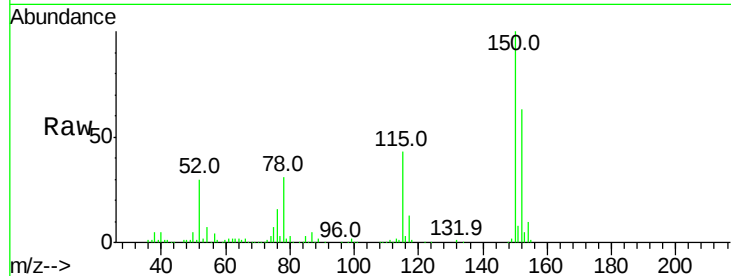


#1

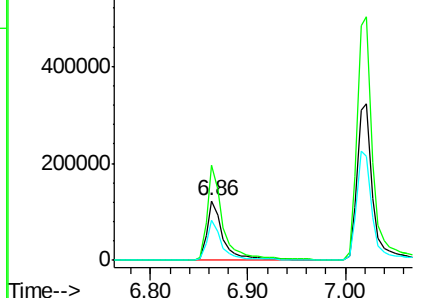
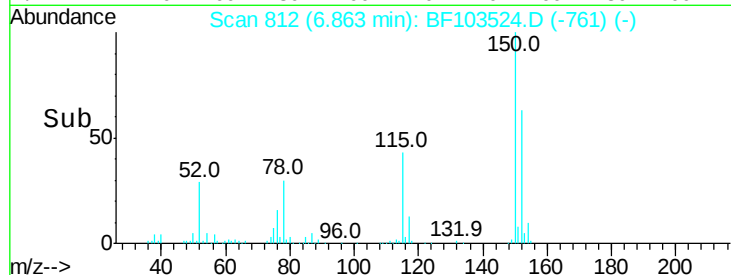
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF103524.D
Acq: 8 Mar 2018 18:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 142276
Ion Ratio Lower Upper
152 100
150 159.1 124.6 186.8
115 68.1 50.1 75.1



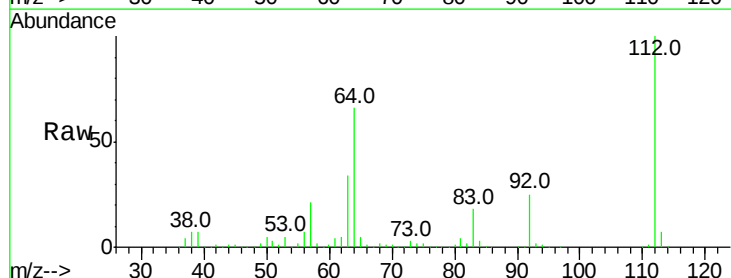
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



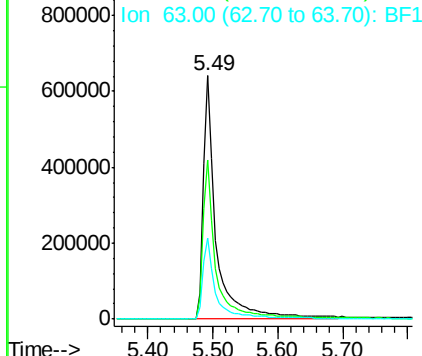
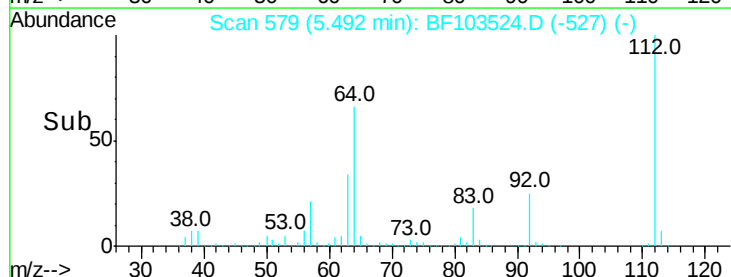
#5

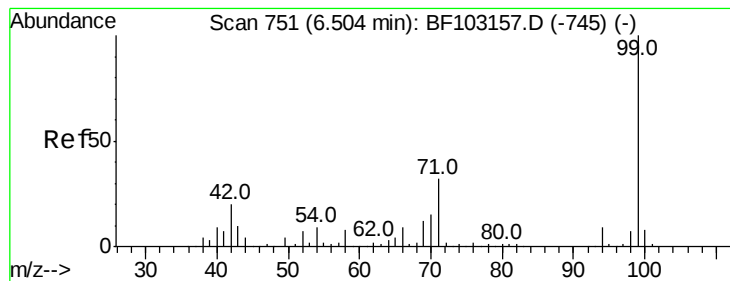
2-Fluorophenol
Concen: 95.602 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF103524.D
Acq: 8 Mar 2018 18:42

Tgt Ion:112 Resp: 899340
Ion Ratio Lower Upper
112 100
64 65.6 47.9 71.9
63 33.5 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: 96.114 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF103524.D

Acq: 8 Mar 2018 18:42

Instrument :

BNA_F

ClientSampleId :

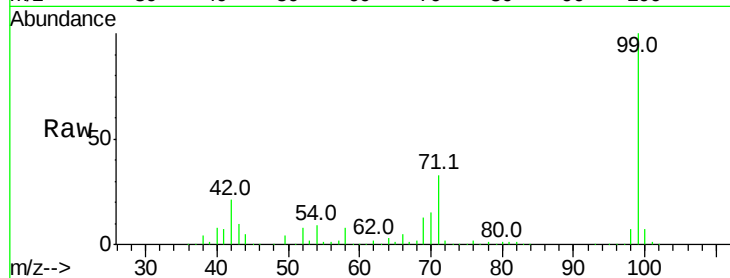
Tot Ion: 99 Resp: 1106376

Ion Ratio Lower Upper

99 100

42 20.6 14.5 21.7

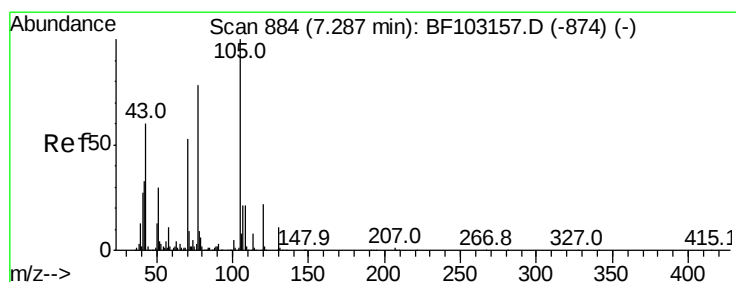
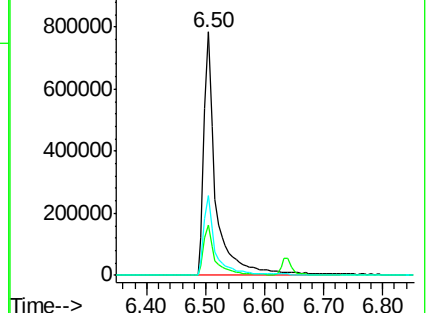
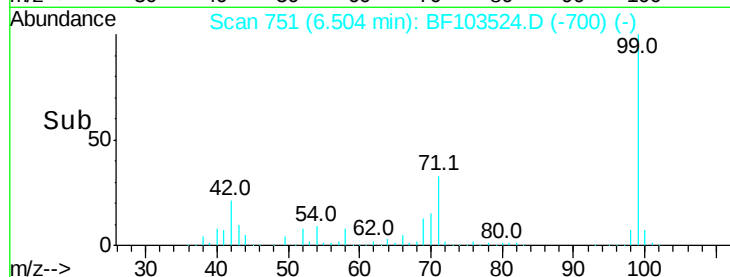
71 32.6 25.4 38.0



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: 12.643 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.16 min

Lab File: BF103524.D

Acq: 8 Mar 2018 18:42

Tgt Ion: 70 Resp: 90572

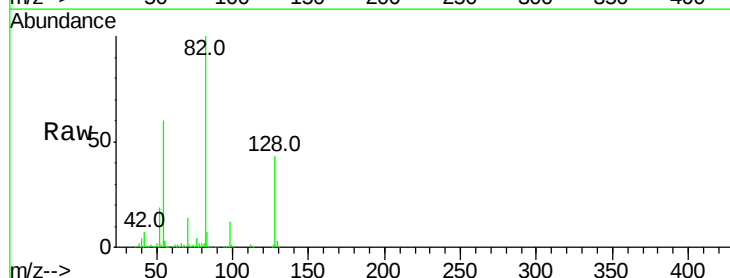
Ion Ratio Lower Upper

70 100

42 53.4 47.5 71.3

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

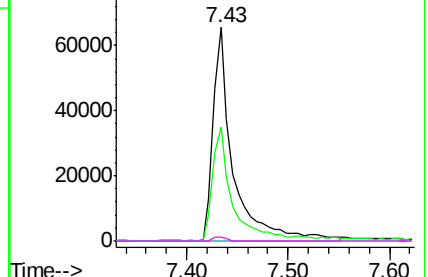
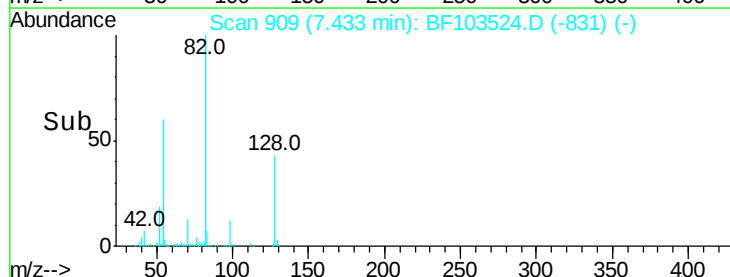


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

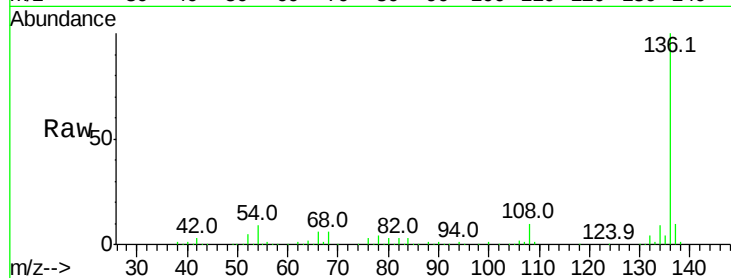




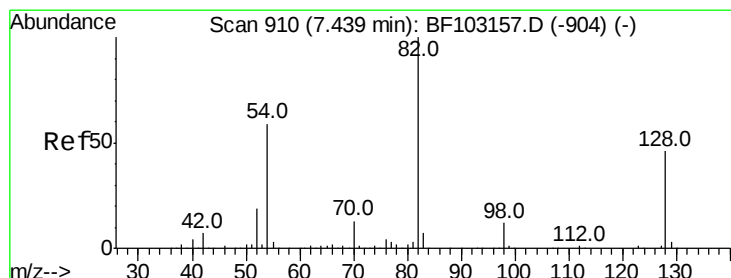
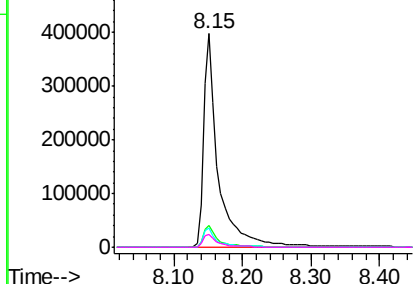
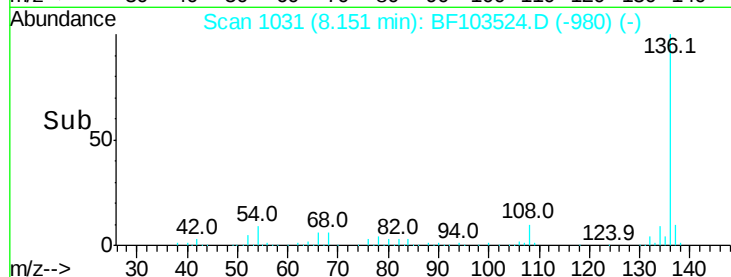
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF103524.D
Acq: 8 Mar 2018 18:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	605061
Ion	Ratio	Lower	Upper
136	100		
137	10.0	8.9	13.3
54	9.2	6.6	9.8
68	6.2	5.0	7.4

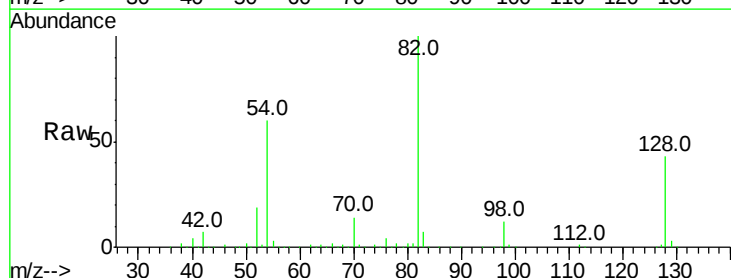


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

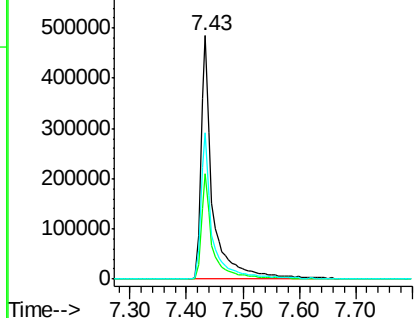
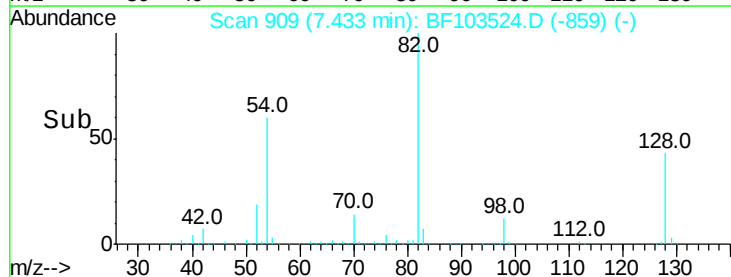


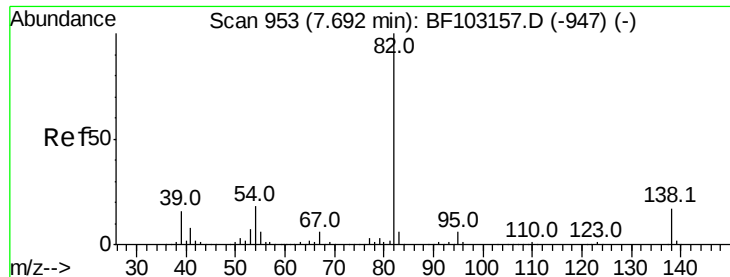
#23
Nitrobenzene-d5
Concen: 66.309 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF103524.D
Acq: 8 Mar 2018 18:42

Tgt Ion:	82	Resp:	702544
Ion	Ratio	Lower	Upper
82	100		
128	43.2	36.1	54.1
54	59.9	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: 33.668 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.25 min

Lab File: BF103524.D

Acq: 8 Mar 2018 18:42

Instrument :

BNA_F

ClientSampleId :

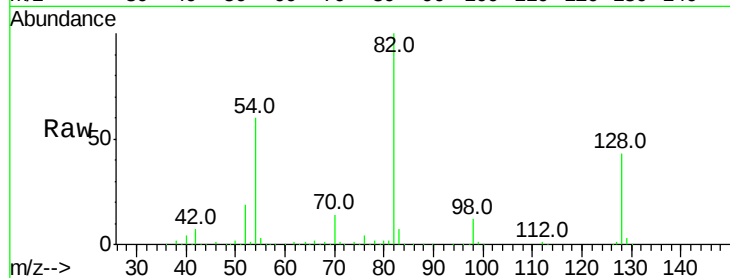
Tot Ion: 82 Resp: 702544

Ion Ratio Lower Upper

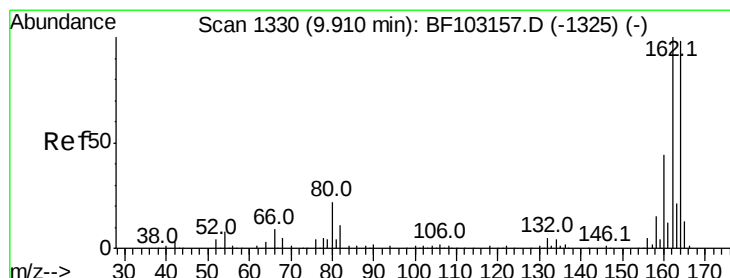
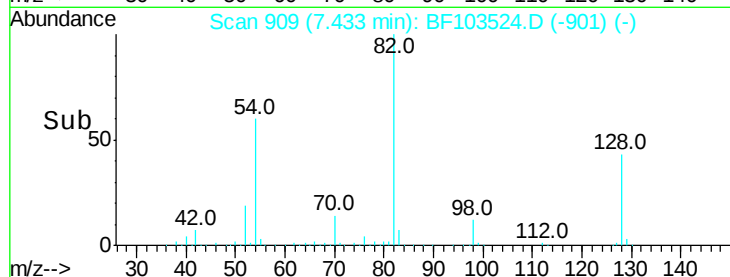
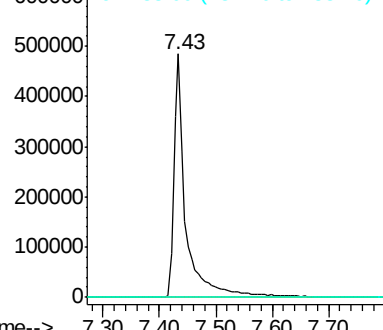
82 100

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: BF103524.D

Acq: 8 Mar 2018 18:42

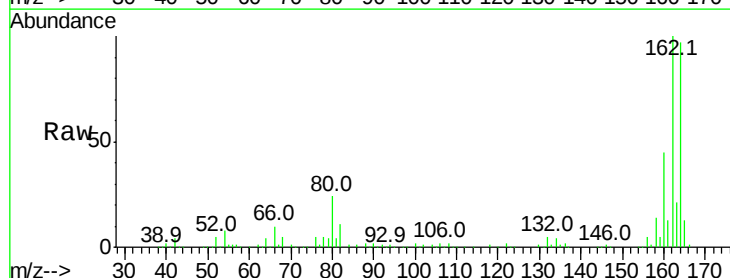
Tgt Ion: 164 Resp: 238371

Ion Ratio Lower Upper

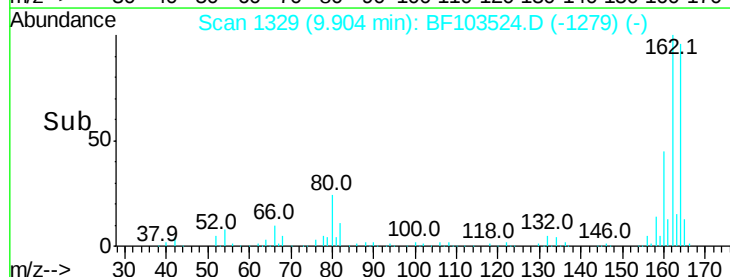
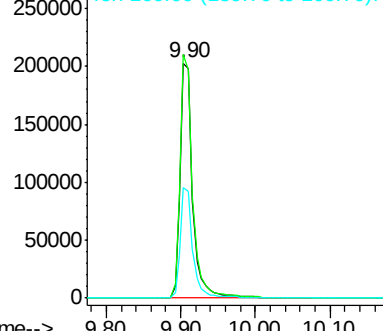
164 100

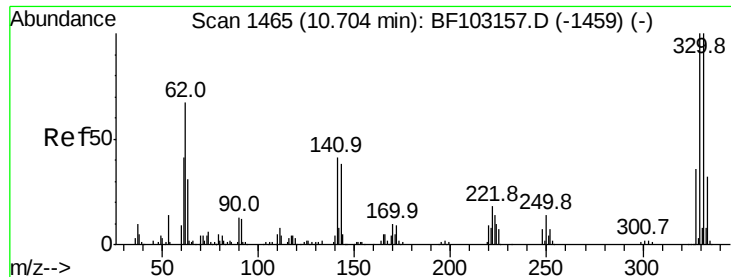
162 103.5 86.1 129.1

160 46.9 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

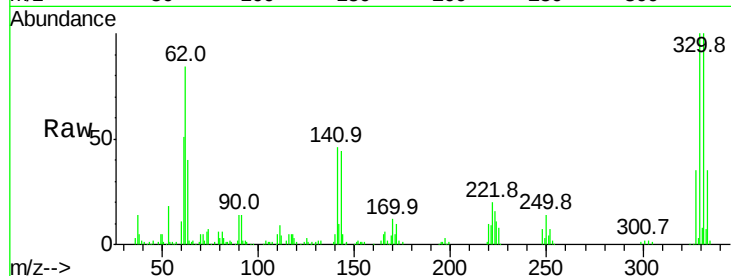




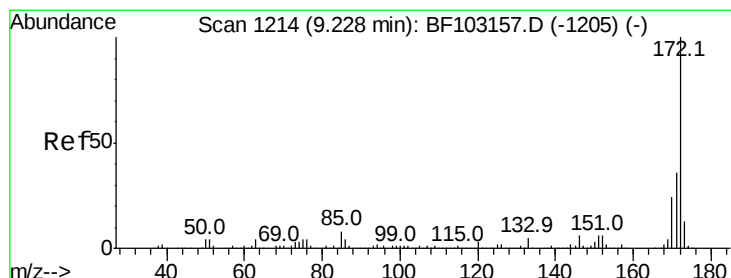
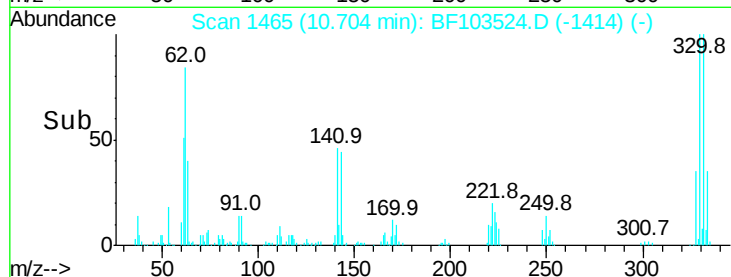
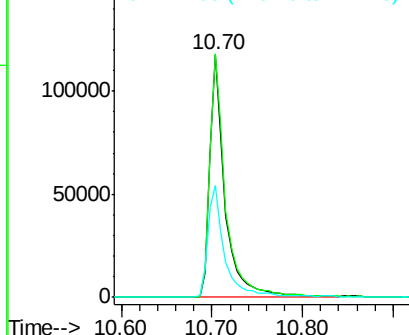
#41
 2,4,6-Tribromophenol
 Concen: 70.211 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: BF103524.D
 Acq: 8 Mar 2018 18:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 141663
 Ion Ratio Lower Upper
 330 100
 332 103.4 77.0 115.6
 141 51.9 29.9 44.9#

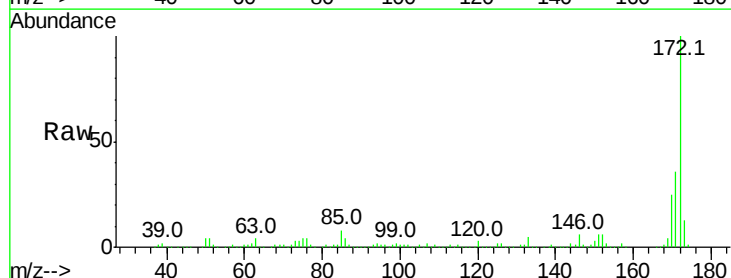


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

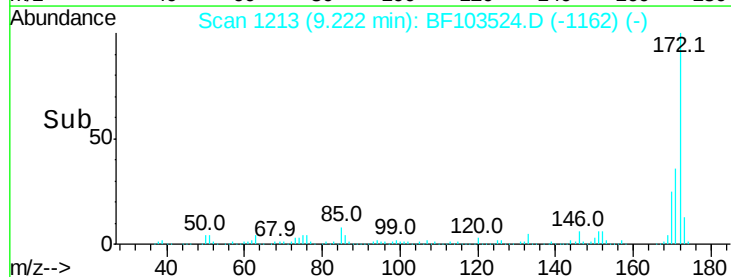
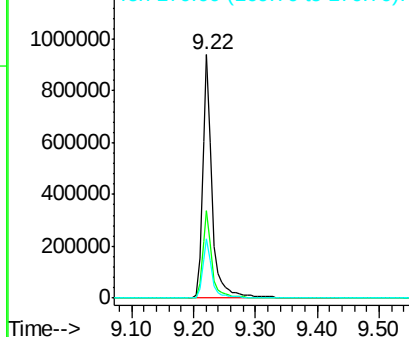


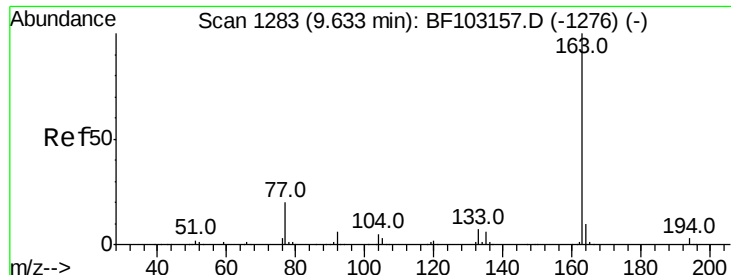
#44
 2-Fluorobiphenyl
 Concen: 71.171 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF103524.D
 Acq: 8 Mar 2018 18:42

Tgt Ion:172 Resp: 1024132
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 24.6 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

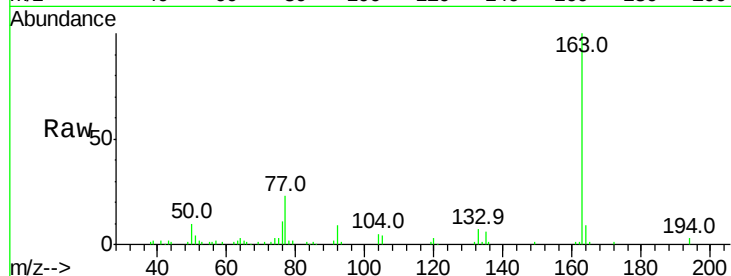




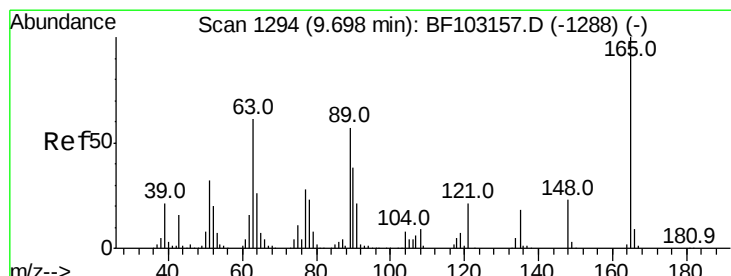
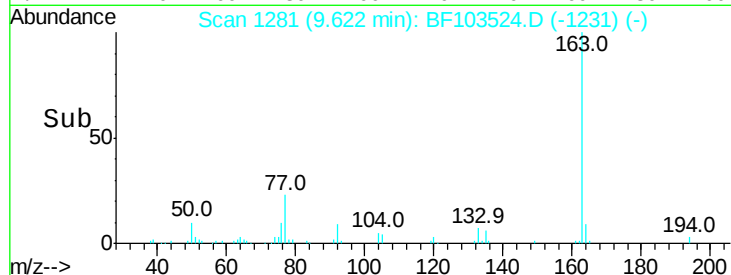
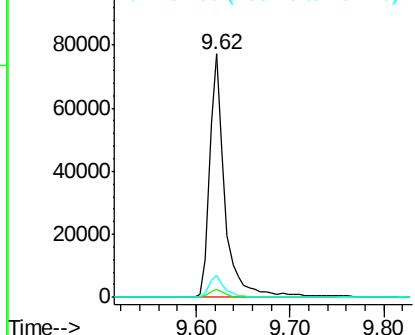
#49
Dimethylphthalate
Concen: 4.648 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF103524.D
Acq: 8 Mar 2018 18:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 88875
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 9.2 8.2 12.2

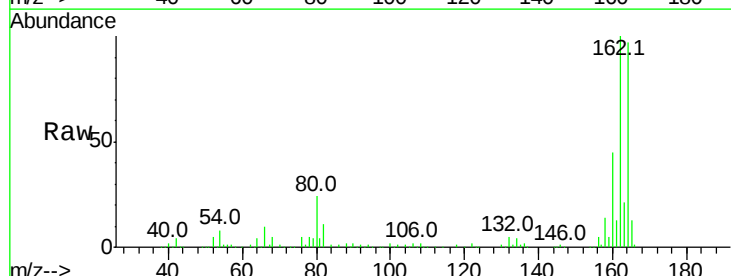


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

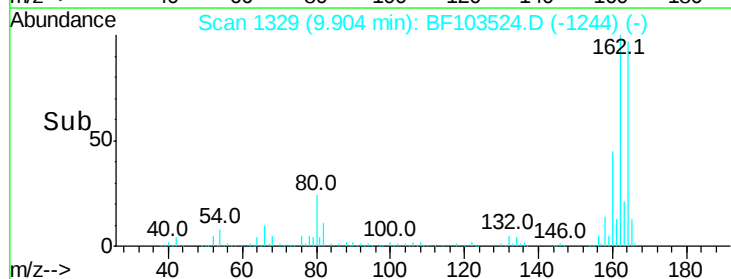
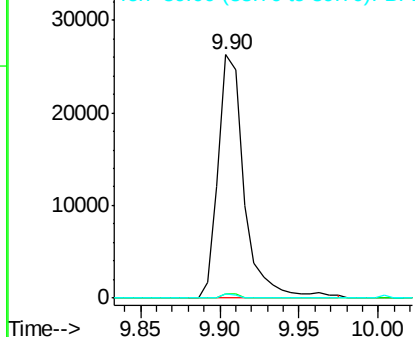


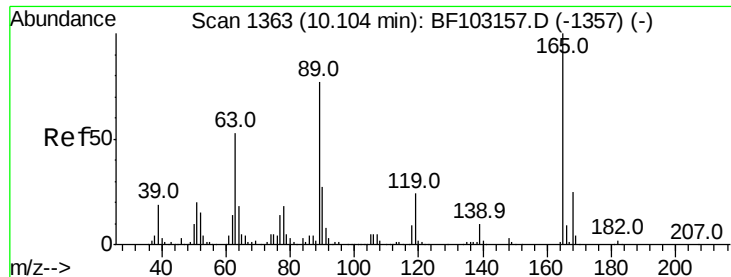
#50
2,6-Dinitrotoluene
Concen: 7.542 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.20 min
Lab File: BF103524.D
Acq: 8 Mar 2018 18:42

Tgt Ion:165 Resp: 30267
Ion Ratio Lower Upper
165 100
63 1.9 44.7 67.1#
89 1.6 44.0 66.0#



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

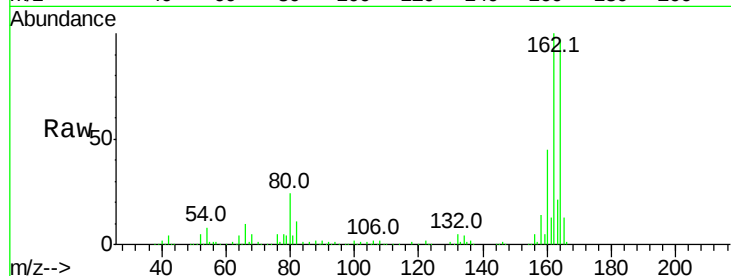




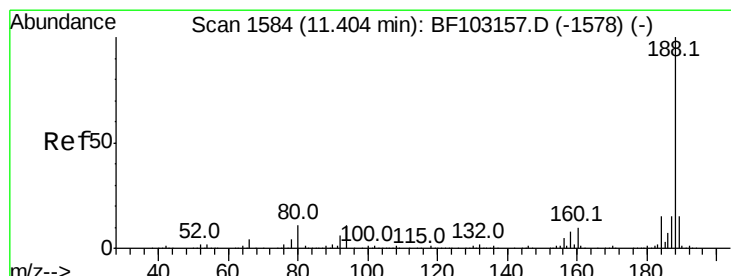
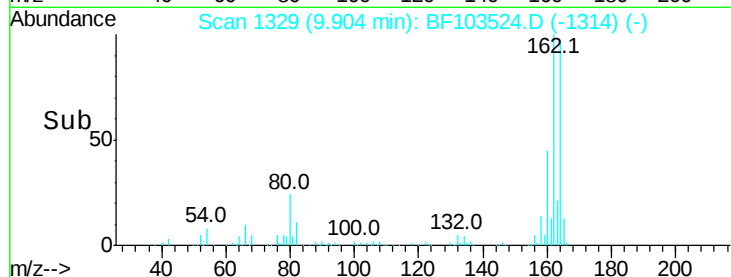
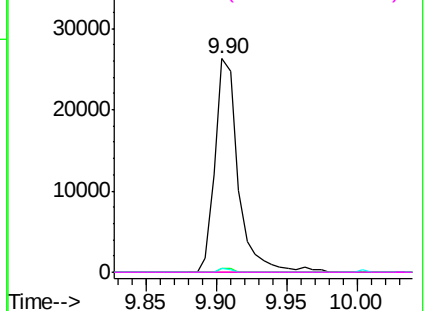
#56
 2,4-Dinitrotoluene
 Concen: 5.964 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.21 min
 Lab File: BF103524.D
 Acq: 8 Mar 2018 18:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	30268
Ion	Ratio	Lower	Upper
165	100		
63	1.9	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#

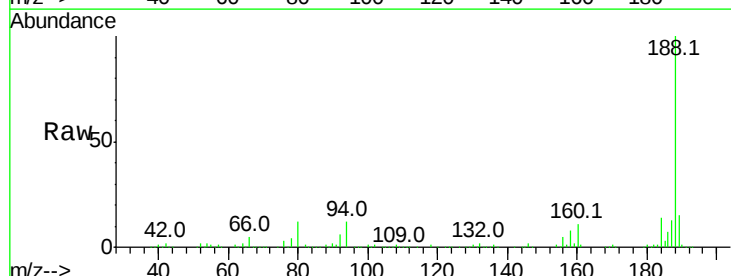


Abundance Ion 165.00 (164.70 to 165.70): E

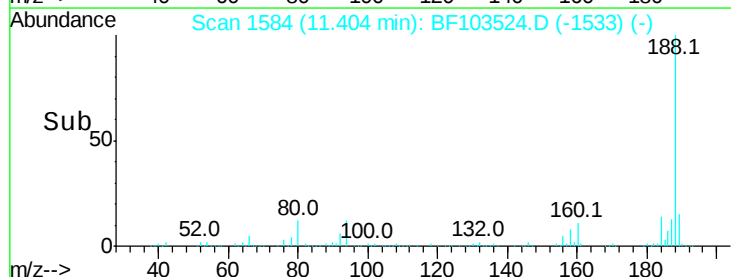
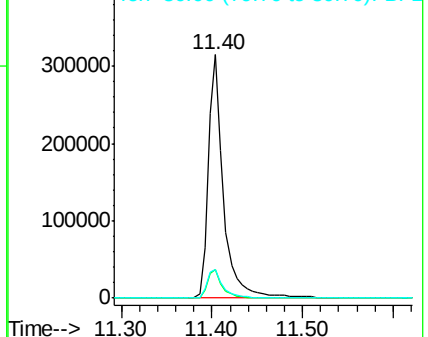


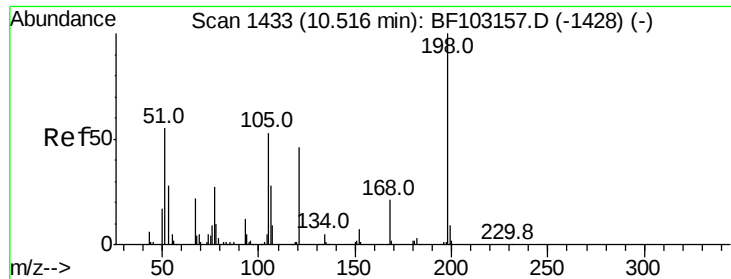
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF103524.D
 Acq: 8 Mar 2018 18:42

Tgt Ion:	188	Resp:	368322
Ion	Ratio	Lower	Upper
188	100		
94	11.7	8.5	12.7
80	12.0	9.2	13.8



Abundance Ion 188.00 (187.70 to 188.70): E

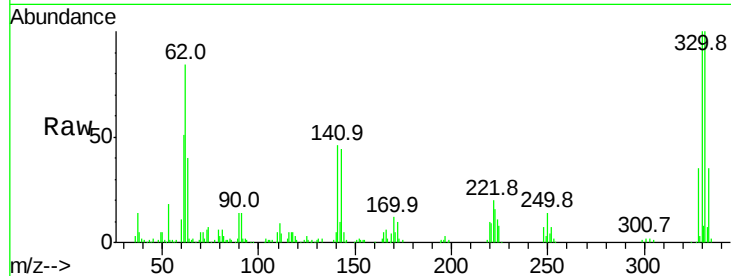




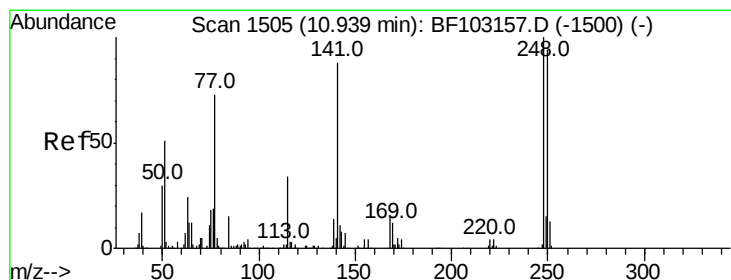
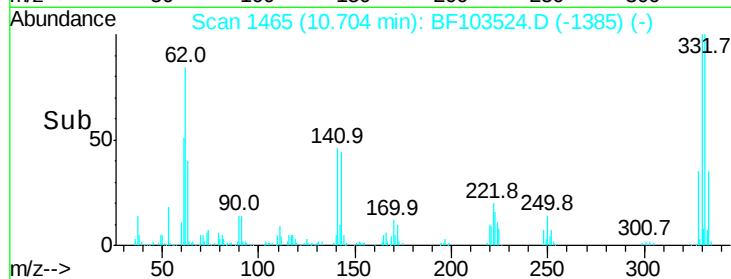
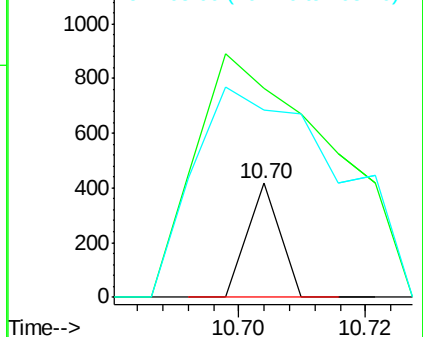
#64
4,6-Dinitro-2-methylphenol
Concen: 5.004 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.17 min
Lab File: BF103524.D
Acq: 8 Mar 2018 18:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 147
Ion Ratio Lower Upper
198 100
51 184.1 37.7 77.7#
105 164.2 36.3 76.3#

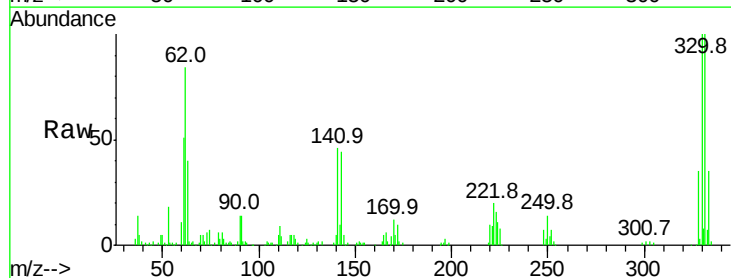


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

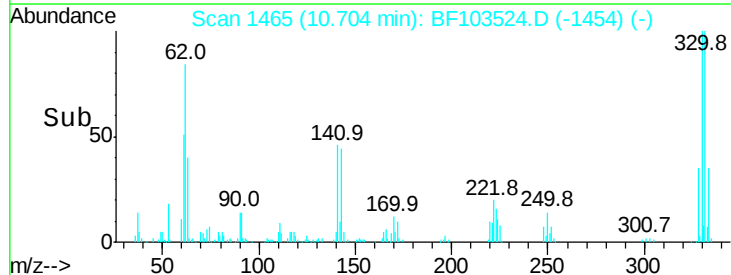
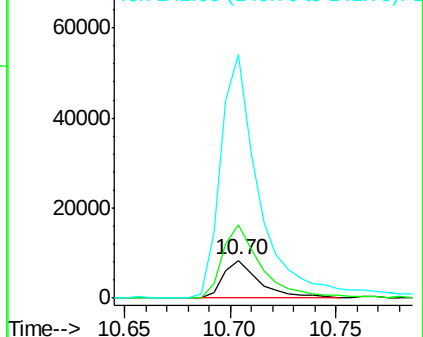


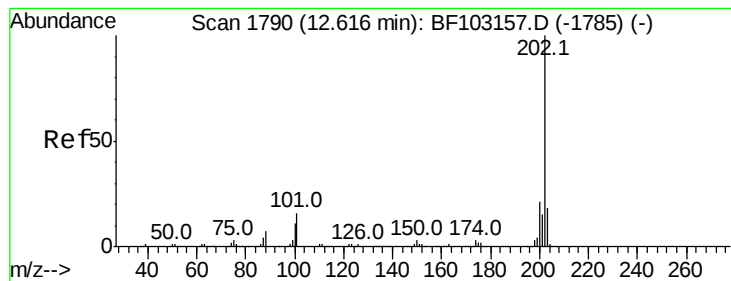
#66
4-Bromophenyl-phenylether
Concen: 2.628 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.24 min
Lab File: BF103524.D
Acq: 8 Mar 2018 18:42

Tgt Ion:248 Resp: 10084
Ion Ratio Lower Upper
248 100
250 192.5 76.9 115.3#
141 643.6 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: 2.495 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BF103524.D

Acq: 8 Mar 2018 18:42

Instrument :

BNA_F

ClientSampleId :

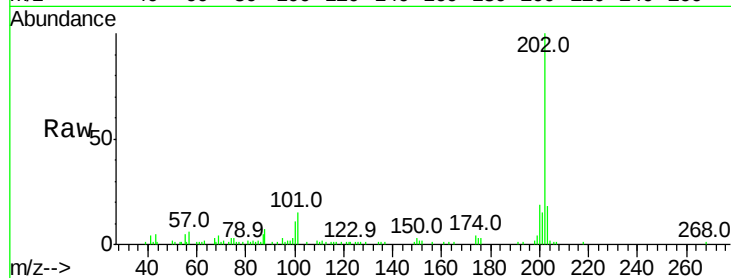
Tot Ion:202 Resp: 50821

Ion Ratio Lower Upper

202 100

101 14.8 0.0 34.1

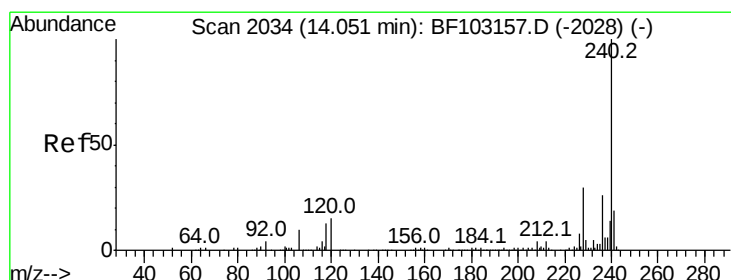
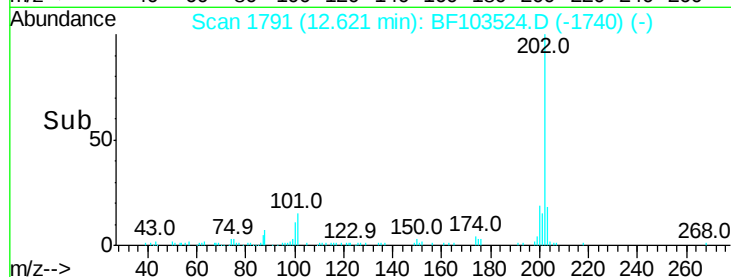
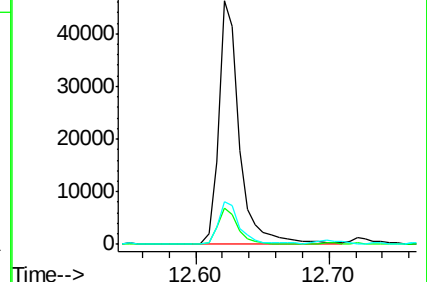
203 17.8 0.0 38.1



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# 2035

Delta R.T. -0.01 min

Lab File: BF103524.D

Acq: 8 Mar 2018 18:42

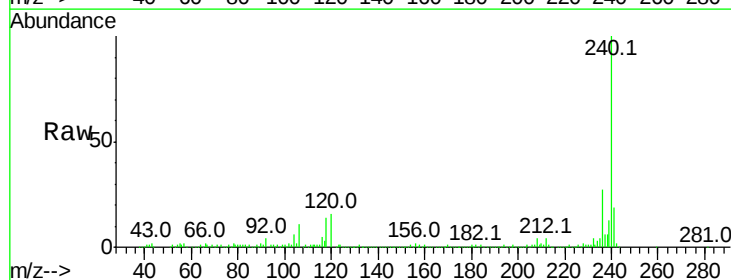
Tgt Ion:240 Resp: 254496

Ion Ratio Lower Upper

240 100

120 16.4 9.5 14.3#

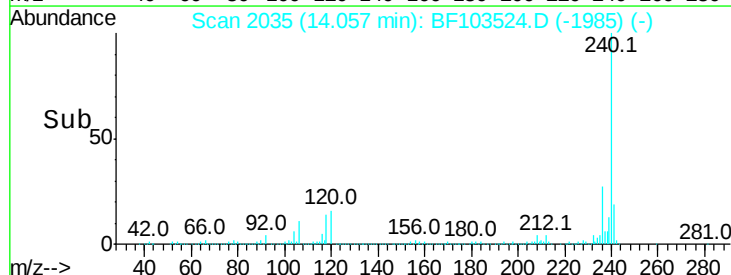
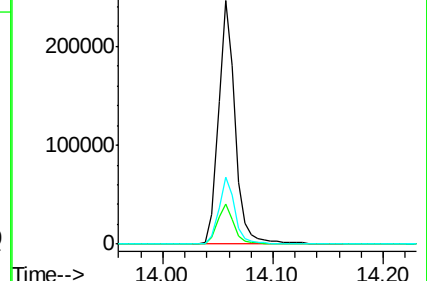
236 27.5 20.7 31.1

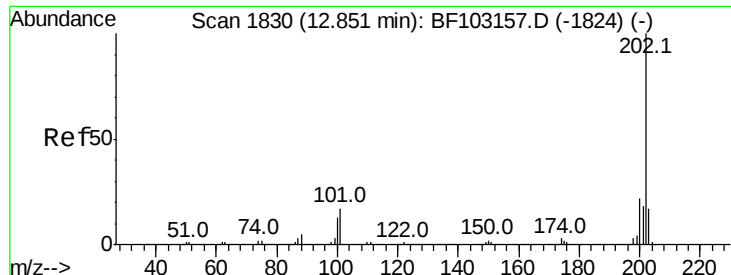


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

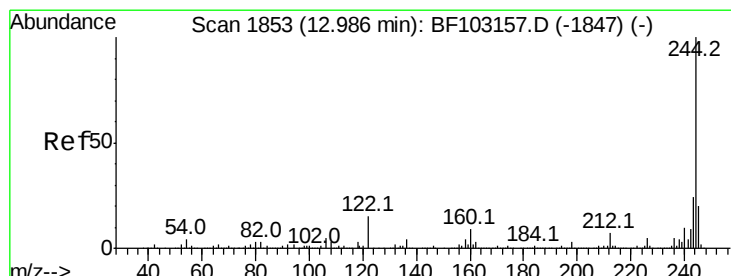
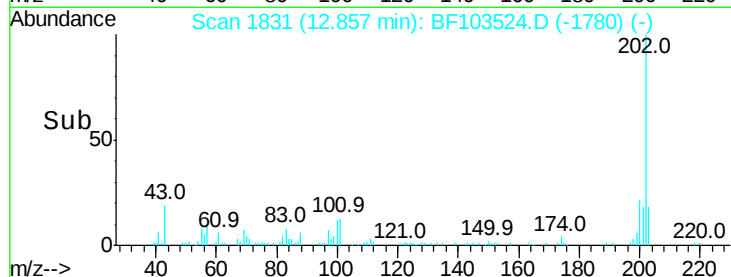
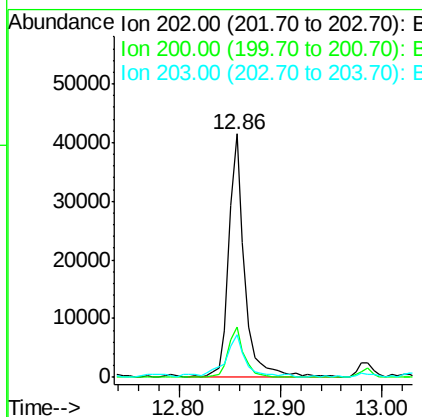
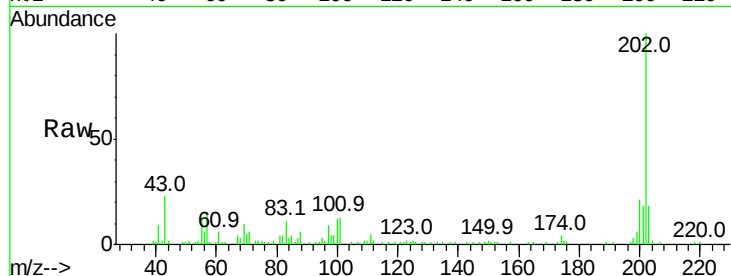




#77
Pvrene
Concen: 2.268 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.00 min
Lab File: BF103524.D
Acq: 8 Mar 2018 18:42

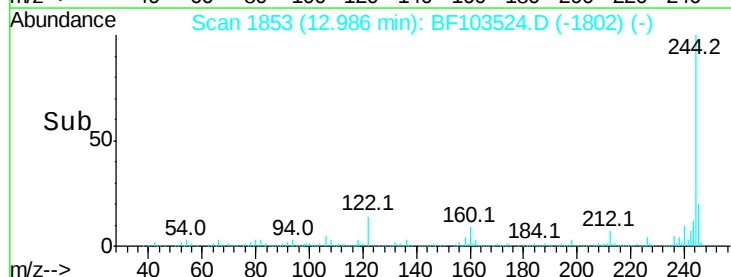
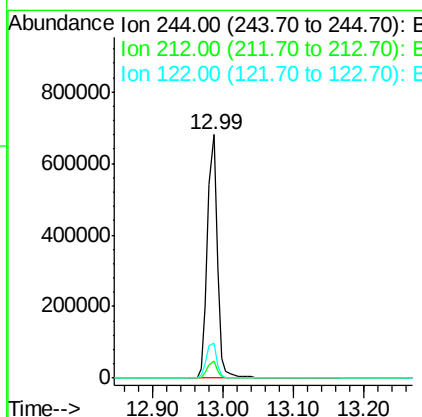
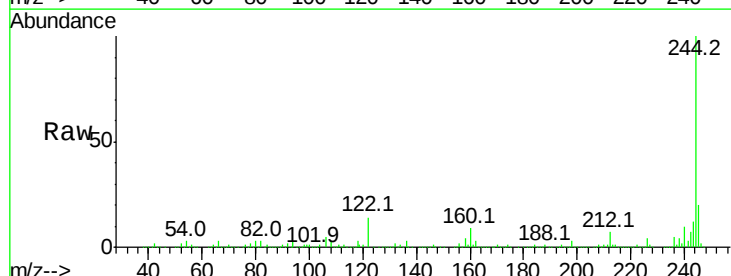
Instrument :
BNA_F
ClientSampleId :

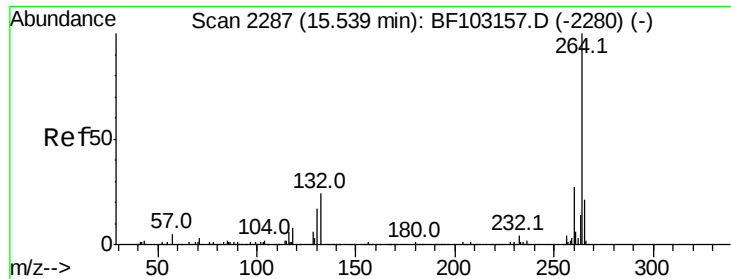
Tot Ion:202 Resp: 45000
Ion Ratio Lower Upper
202 100
200 20.9 17.4 26.2
203 17.6 14.3 21.5



#78
Terphenyl-d14
Concen: 62.969 ng
RT: 12.99 min Scan# 1853
Delta R.T. 0.00 min
Lab File: BF103524.D
Acq: 8 Mar 2018 18:42

Tgt Ion:244 Resp: 666650
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.0
122 14.2 11.0 16.4

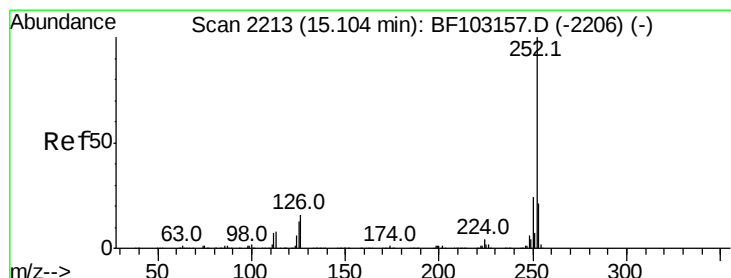
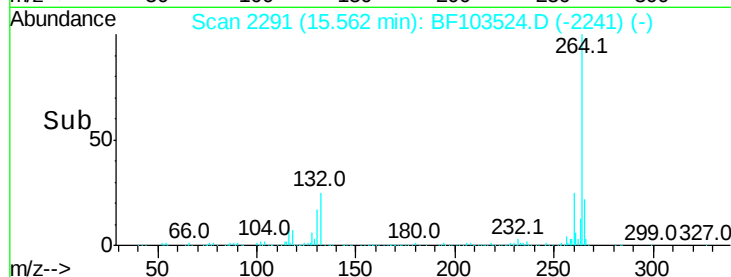
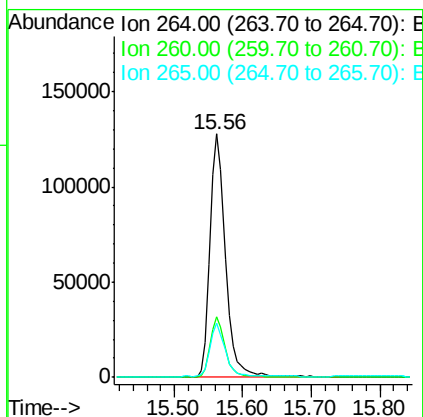
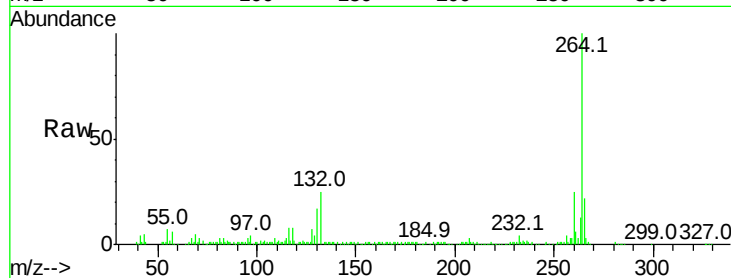




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BF103524.D
Acq: 8 Mar 2018 18:42

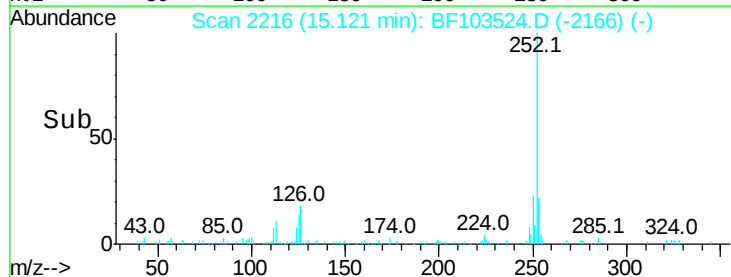
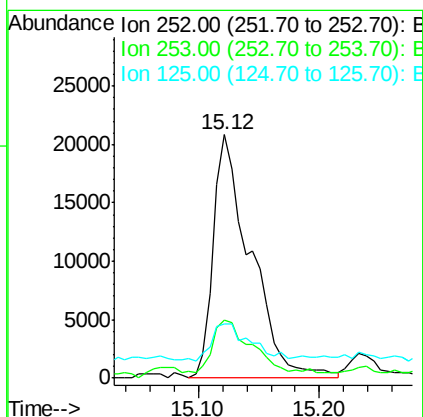
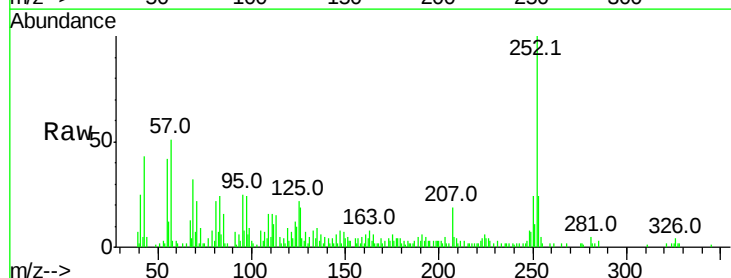
Instrument :
BNA_F
ClientSampleId :

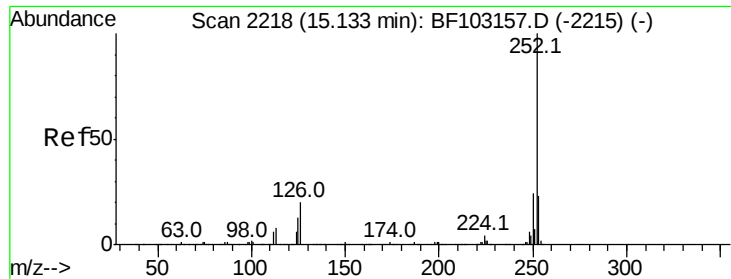
Tot Ion:264 Resp: 203186
Ion Ratio Lower Upper
264 100
260 24.8 19.2 28.8
265 22.3 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 3.336 ng
RT: 15.12 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BF103524.D
Acq: 8 Mar 2018 18:42

Tgt Ion:252 Resp: 44573
Ion Ratio Lower Upper
252 100
253 24.0 17.0 25.6
125 22.2 9.0 13.6#





#88

Benzo(k)fluoranthene

Concen: 3.543 ng

RT: 15.12 min Scan# 2216

Delta R.T. -0.04 min

Lab File: BF103524.D

Acq: 8 Mar 2018 18:42

Instrument :

BNA_F

ClientSampleId :

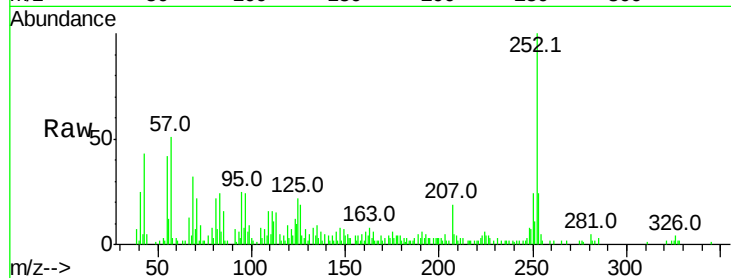
Tot Ion:252 Resp: 44573

Ion Ratio Lower Upper

252 100

253 24.0 17.9 26.9

125 22.2 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

