

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030118\
 Data File : BF103335.D
 Acq On : 1 Mar 2018 14:35
 Operator : SJ/JU
 Sample : J1721-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 02 09:24:46 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 17:05:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	150697	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	560782	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	199399	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	305096	20.00	ng	0.00
75) Chrysene-d12	14.06	240	250944	20.00	ng	0.00
86) Perylene-d12	15.57	264	168980	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	855879	85.90	ng	0.01
7) Phenol-d6	6.51	99	992179	81.38	ng	0.00
23) Nitrobenzene-d5	7.44	82	653710	66.57	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	115288	68.31	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	821391	67.53	ng	0.00
78) Terphenyl-d14	12.99	244	592277	56.74	ng	0.00

Target Compounds

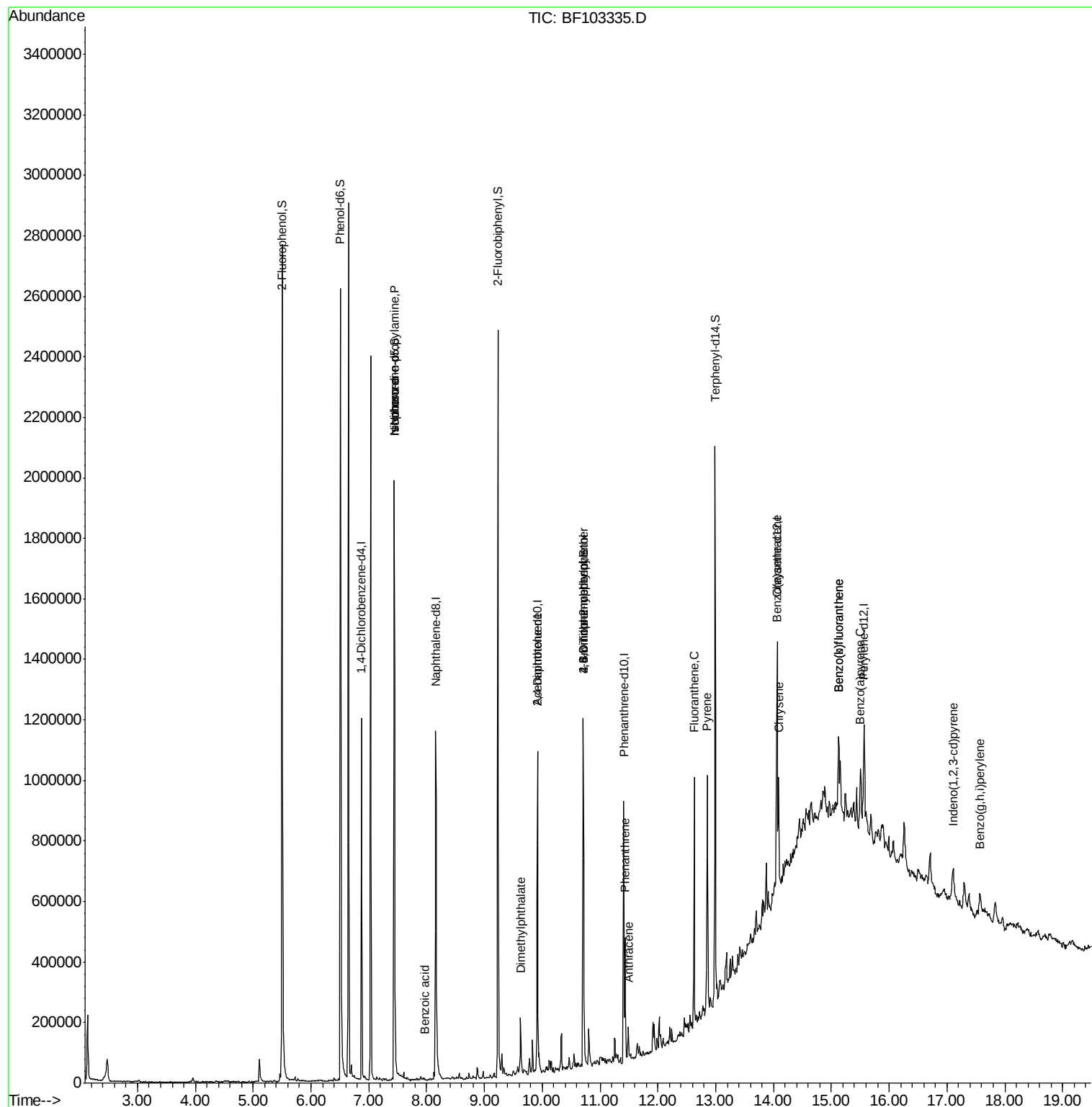
						Qvalue
9) Benzaldehyde	6.43	77	1107	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.44	70	89571	11.804 ng	#	85
25) Isophorone	7.44	82	653707	33.801 ng	#	64
32) Benzoic acid	7.98	122	120	6.932 ng	#	55
49) Dimethylphthalate	9.63	163	77307	4.833 ng		98
56) 2,4-Dinitrotoluene	9.92	165	27841	6.558 ng	#	24
64) 4,6-Dinitro-2-methylphenol	10.71	198	112	4.999 ng		88
66) 4-Bromophenyl-phenylether	10.71	248	8378	2.636 ng	#	1
70) Phenanthrene	11.43	178	141442	8.424 ng		98
71) Anthracene	11.49	178	49740	2.889 ng		99
74) Fluoranthene	12.63	202	311433	18.458 ng		98
77) Pyrene	12.86	202	313006	15.998 ng		99
80) Benzo(a)anthracene	14.05	228	159516	9.797 ng		96
82) Chrysene	14.09	228	138890	8.785 ng		98
85) Indeno(1,2,3-cd)pyrene	17.10	276	48131	3.846 ng		96
87) Benzo(b)fluoranthene	15.13	252	191044	17.195 ng	#	79
88) Benzo(k)fluoranthene	15.13	252	191044	18.261 ng	#	82
89) Benzo(a)pyrene	15.51	252	92927	9.366 ng	#	86
91) Benzo(a,h,i)perylene	17.57	276	50299	6.713 ng		92

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

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030118\
Data File : BF103335.D
Acq On : 1 Mar 2018 14:35
Operator : SJ/JU
Sample : J1721-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 02 09:24:46 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 27 17:05:20 2018
Response via : Initial Calibration



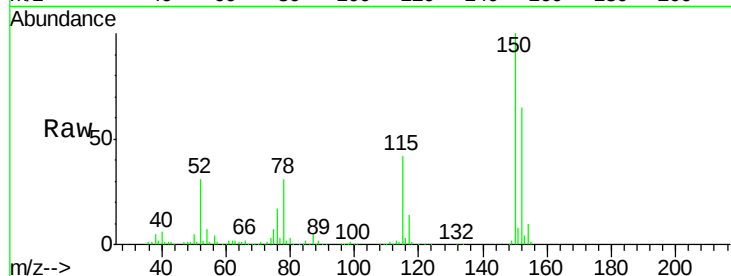


#1

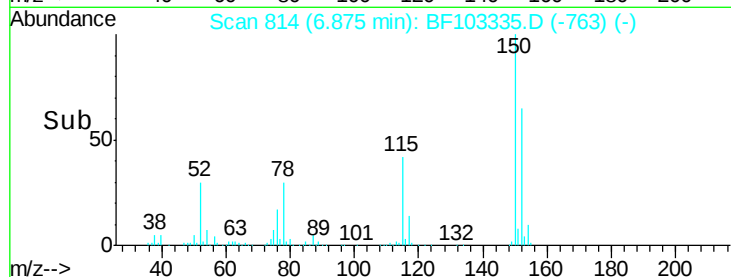
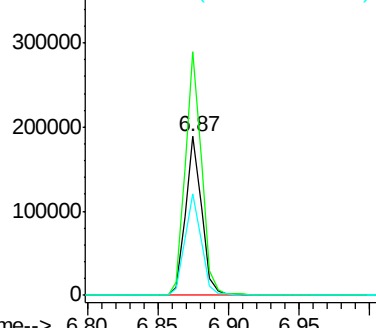
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF103335.D
Acq: 1 Mar 2018 14:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	124.6	186.8
115	64.3	50.1	75.1



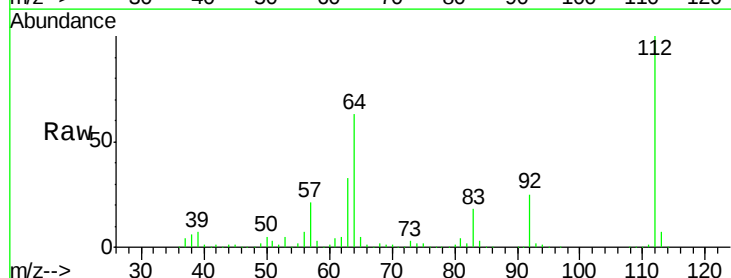
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



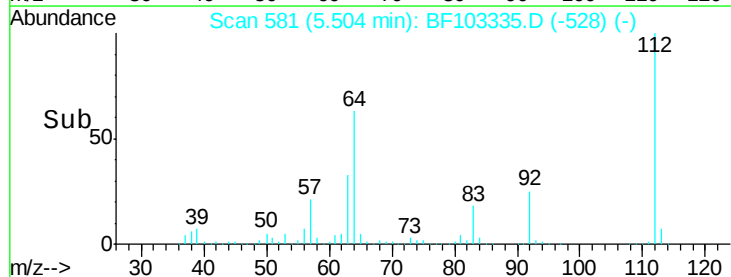
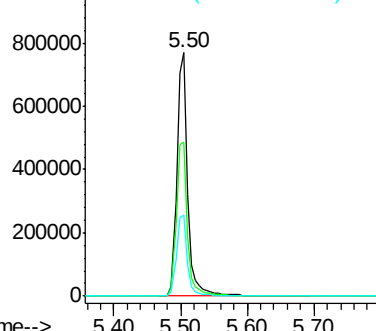
#5

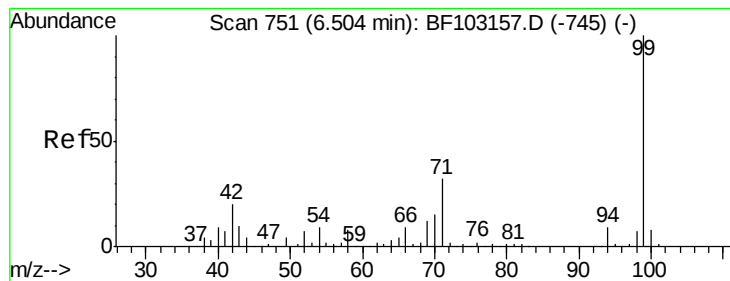
2-Fluorophenol
Concen: 85.898 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF103335.D
Acq: 1 Mar 2018 14:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.0	47.9	71.9
63	33.3	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: 81.377 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF103335.D

Acq: 1 Mar 2018 14:35

Instrument :

BNA_F

ClientSampled :

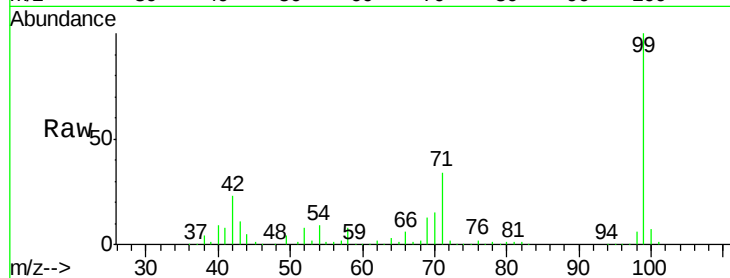
Tot Ion: 99 Resp: 992179

Ion Ratio Lower Upper

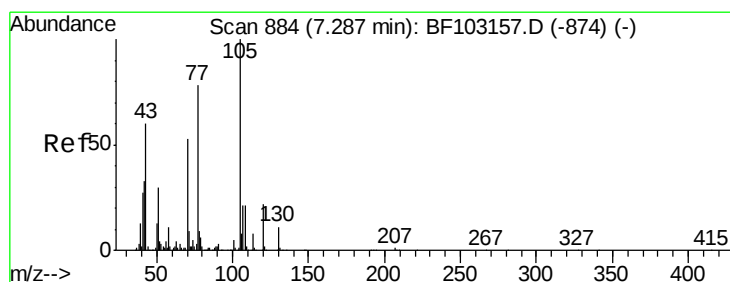
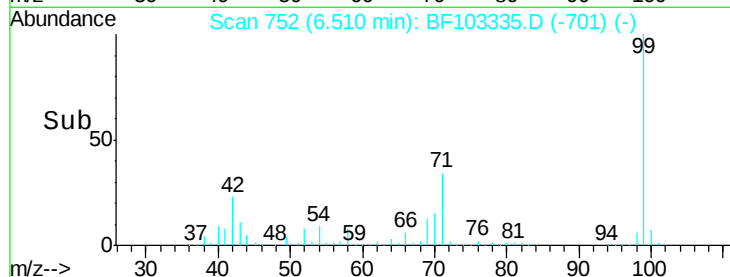
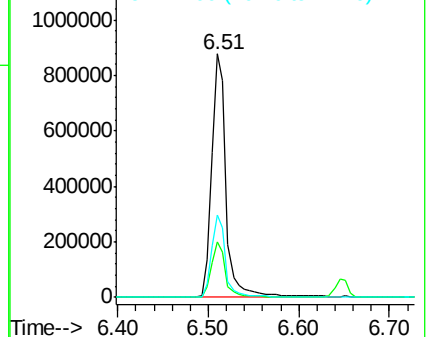
99 100

42 22.8 14.5 21.7#

71 33.9 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: 11.804 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.15 min

Lab File: BF103335.D

Acq: 1 Mar 2018 14:35

Tgt Ion: 70 Resp: 89571

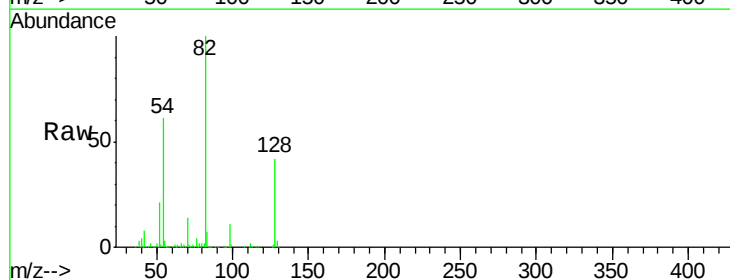
Ion Ratio Lower Upper

70 100

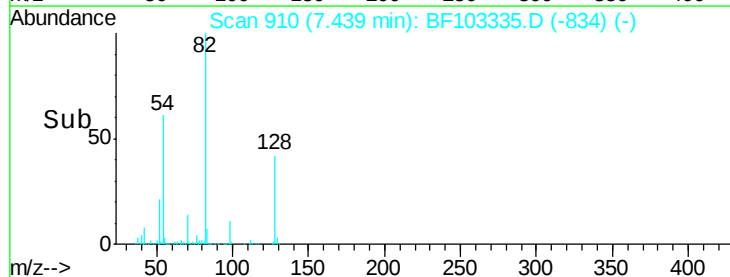
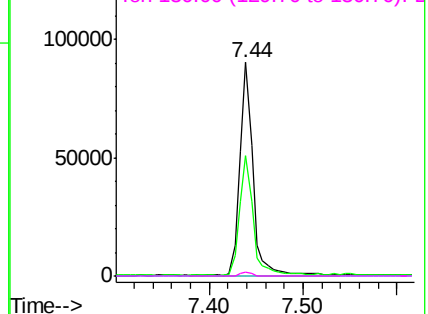
42 56.3 47.5 71.3

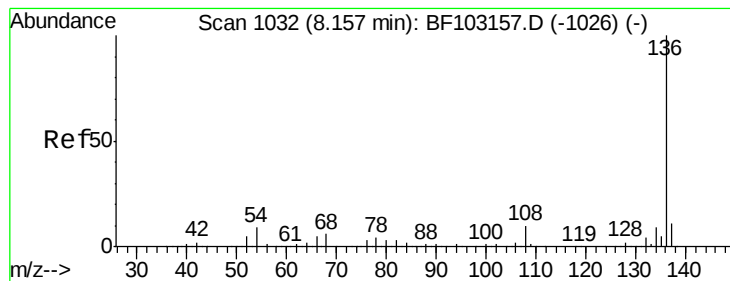
101 0.0 7.4 11.2#

130 1.8 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: 8.16 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF103335.D

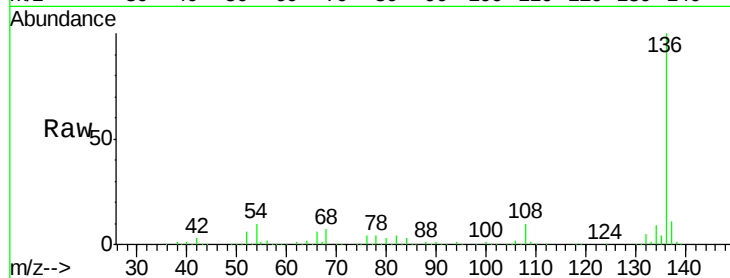
Acq: 1 Mar 2018 14:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	560782
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.9 13.3
54	10.1	6.6 9.8#
68	6.9	5.0 7.4

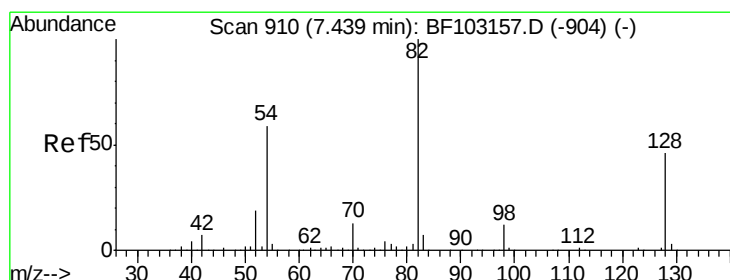
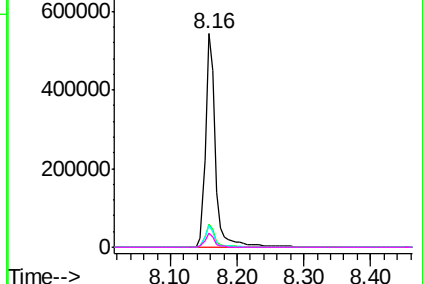
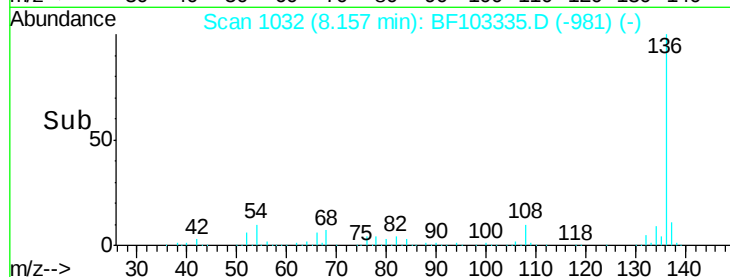


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 66.572 ng

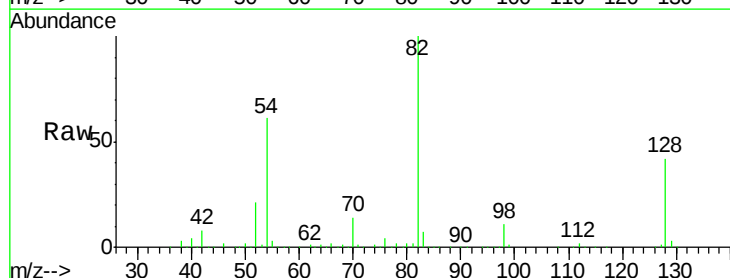
RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF103335.D

Acq: 1 Mar 2018 14:35

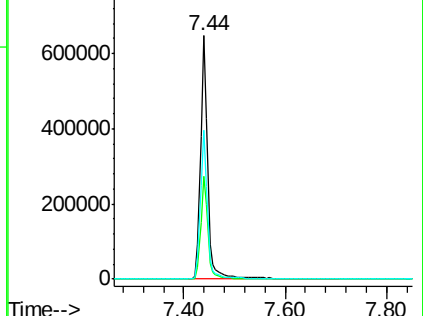
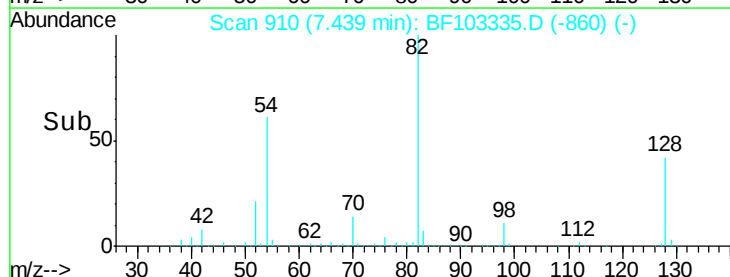
Tgt Ion: 82	Resp:	653710
Ion Ratio	Lower	Upper
82	100	
128	42.0	36.1 54.1
54	61.2	41.4 62.2

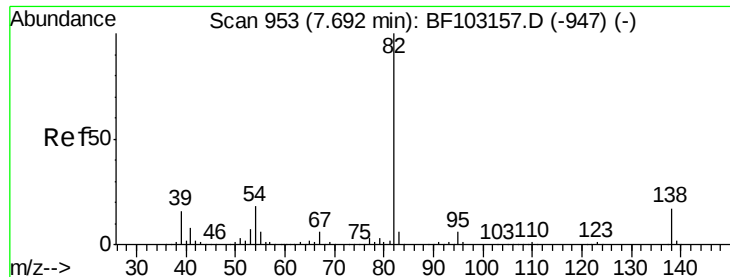


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 33.801 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.26 min

Lab File: BF103335.D

Acq: 1 Mar 2018 14:35

Instrument :

BNA_F

ClientSampleId :

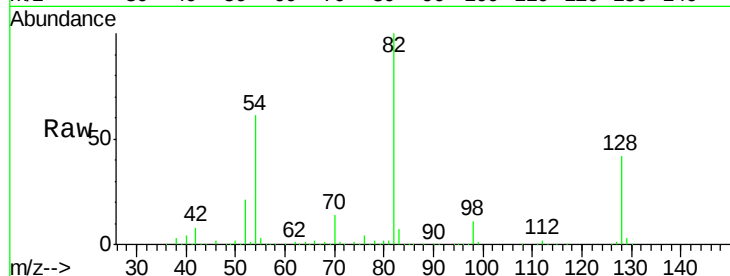
Tot Ion: 82 Resp: 653707

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

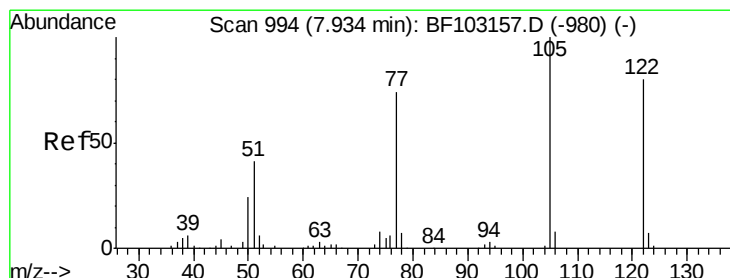
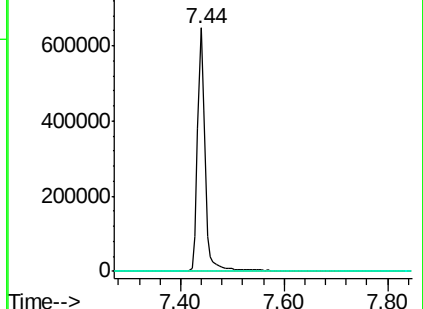
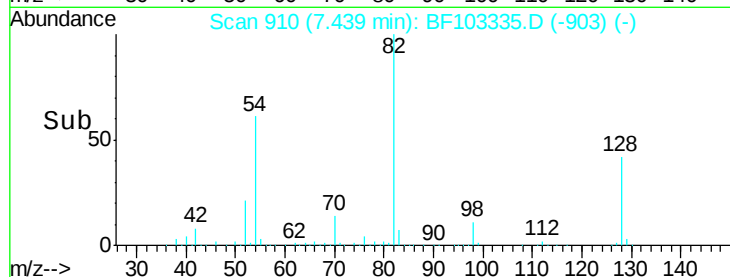
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#32

Benzoic acid

Concen: 6.932 ng

RT: 7.98 min Scan# 1002

Delta R.T. 0.04 min

Lab File: BF103335.D

Acq: 1 Mar 2018 14:35

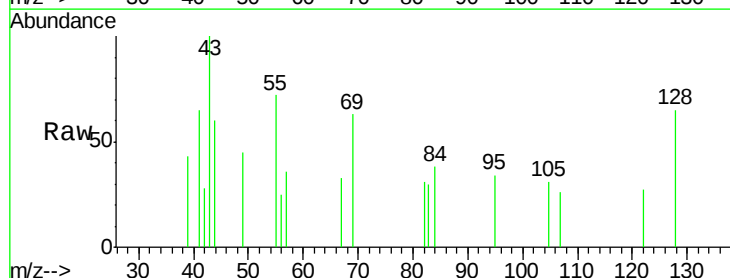
Tgt Ion: 122 Resp: 120

Ion Ratio Lower Upper

122 100

105 113.2 101.1 141.1

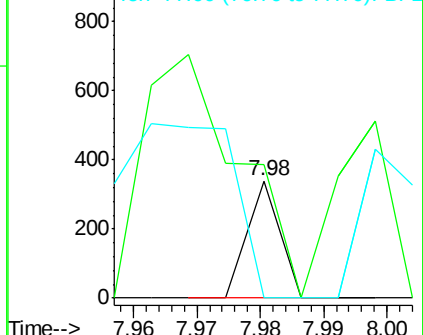
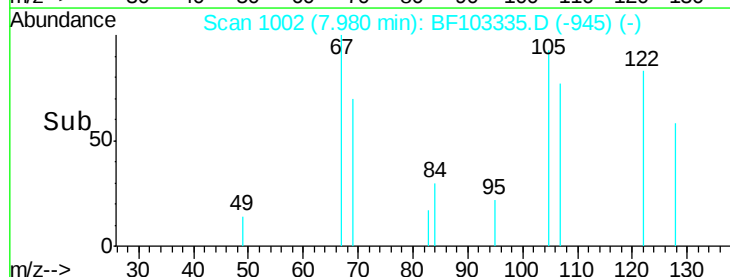
77 0.0 70.7 110.7#

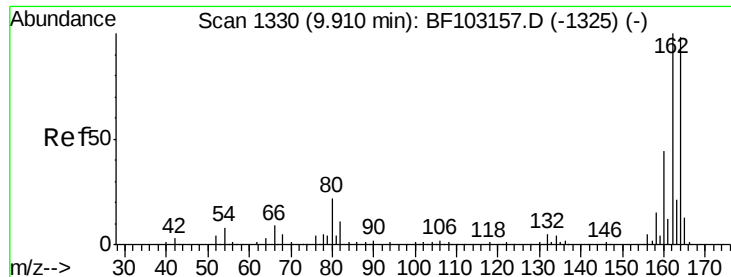


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

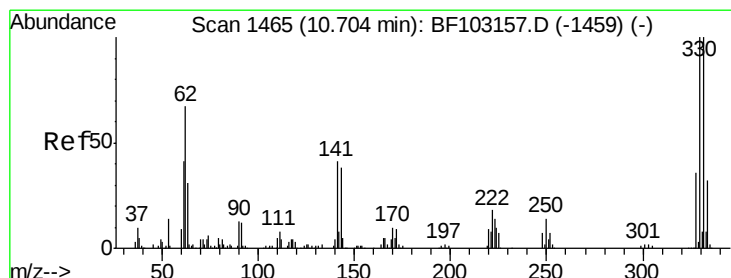
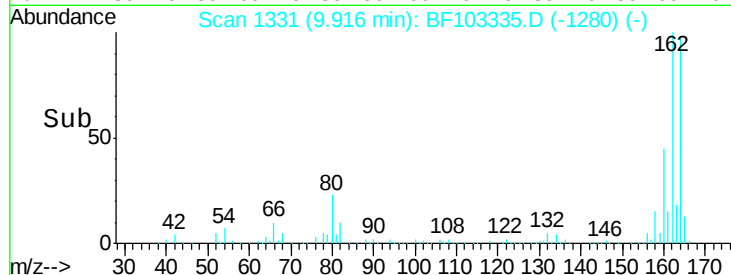
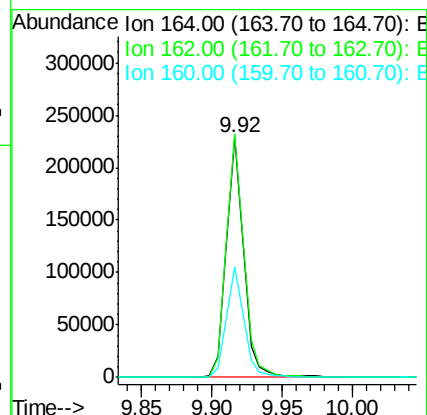
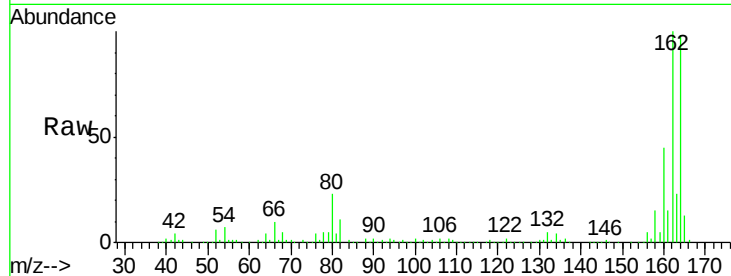




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.00 min
 Lab File: BF103335.D
 Acq: 1 Mar 2018 14:35

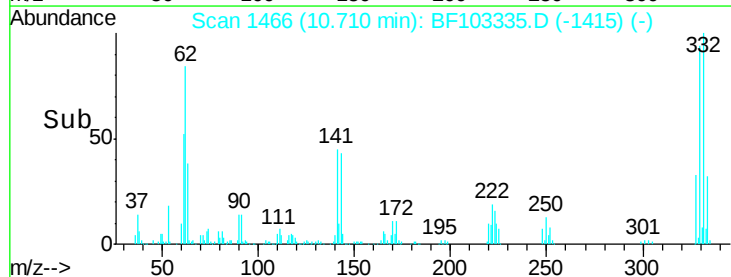
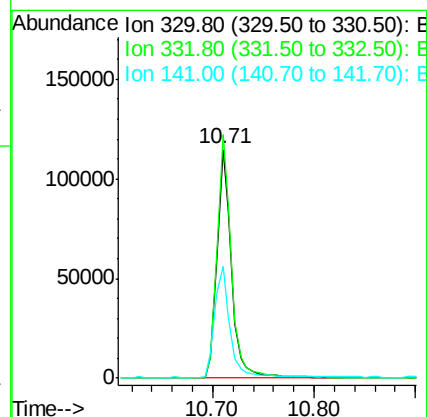
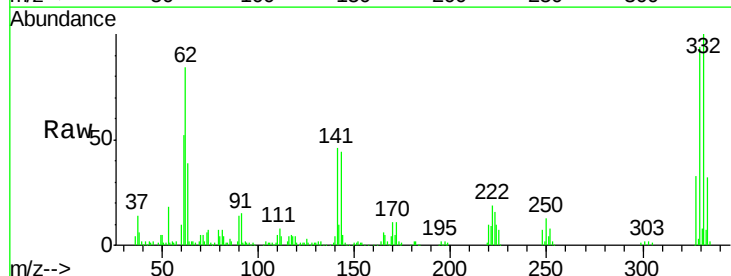
Instrument :
 BNA_F
 ClientSampleId :

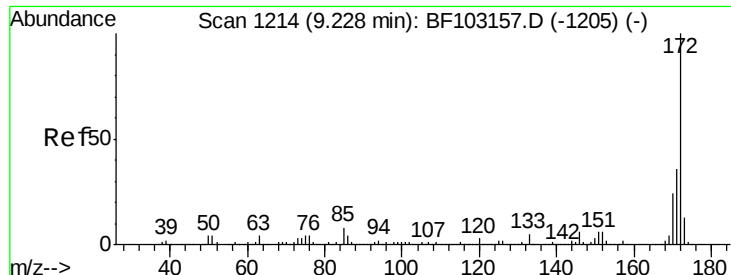
Tot Ion:164 Resp: 199399
 Ion Ratio Lower Upper
 164 100
 162 101.7 86.1 129.1
 160 46.1 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 68.307 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF103335.D
 Acq: 1 Mar 2018 14:35

Tgt Ion:330 Resp: 115288
 Ion Ratio Lower Upper
 330 100
 332 105.7 77.0 115.6
 141 49.6 29.9 44.9#

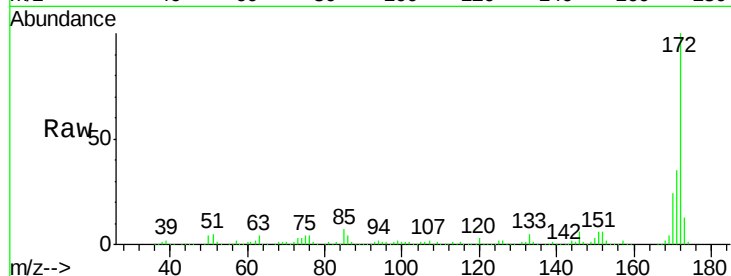




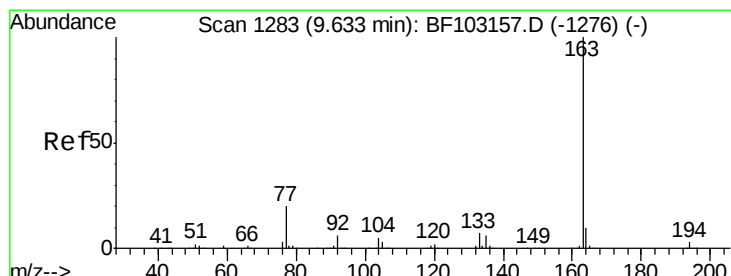
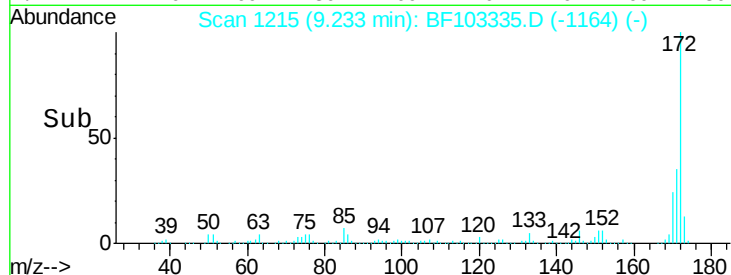
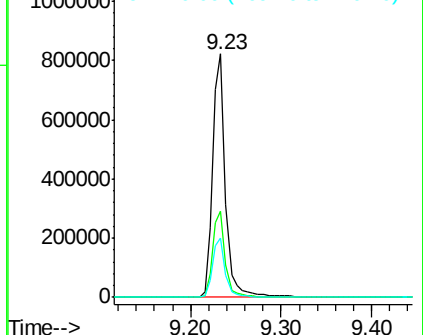
#44
2-Fluorobiphenyl
Concen: 67.525 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.00 min
Lab File: BF103335.D
Acq: 1 Mar 2018 14:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 821391
Ion Ratio Lower Upper
172 100
171 35.3 29.7 44.5
170 24.4 19.6 29.4

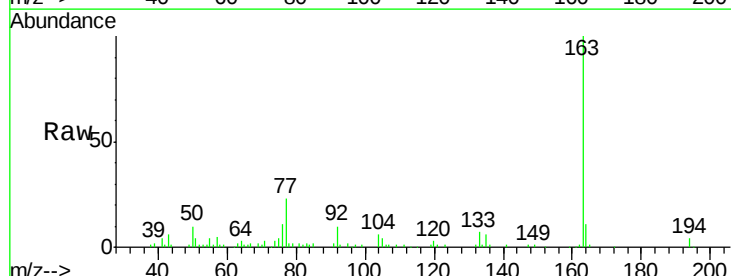


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

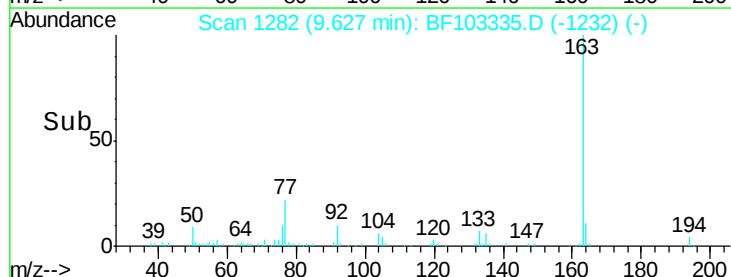
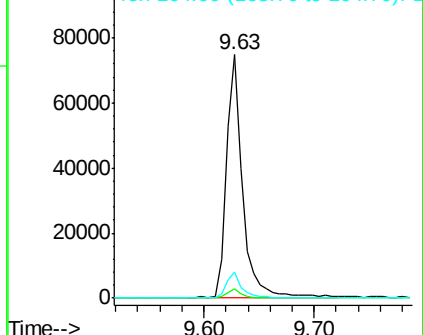


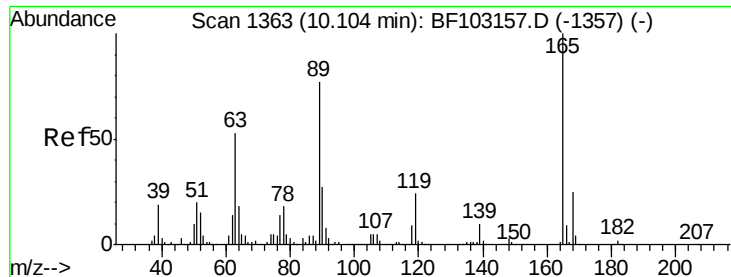
#49
Dimethylphthalate
Concen: 4.833 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF103335.D
Acq: 1 Mar 2018 14:35

Tgt Ion:163 Resp: 77307
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.9 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

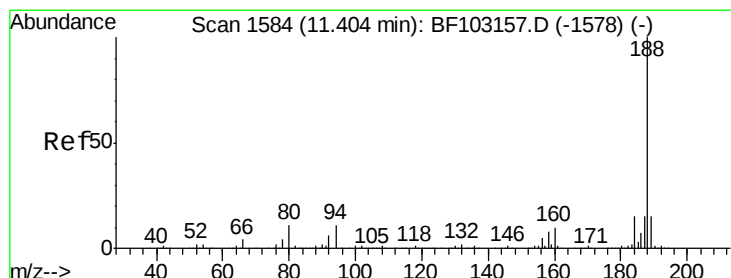
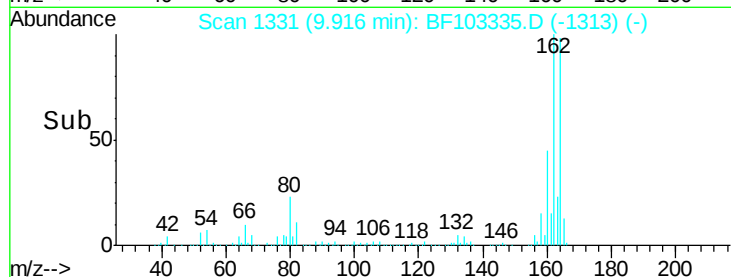
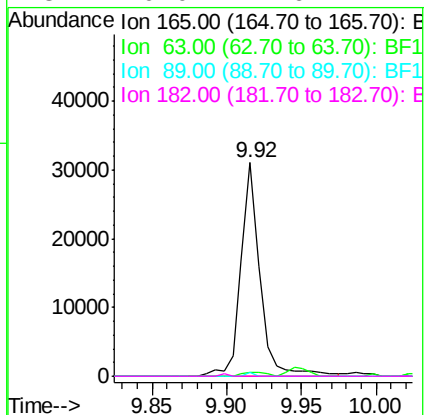
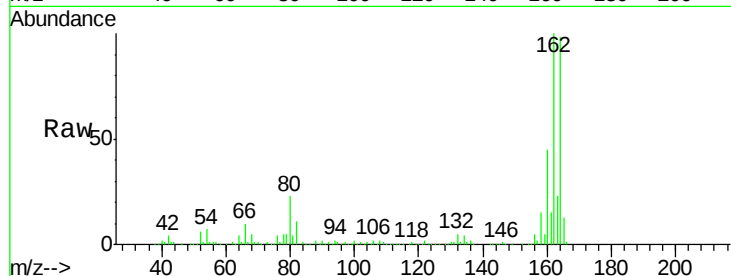




#56
2,4-Dinitrotoluene
Concen: 6.558 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF103335.D
Acq: 1 Mar 2018 14:35

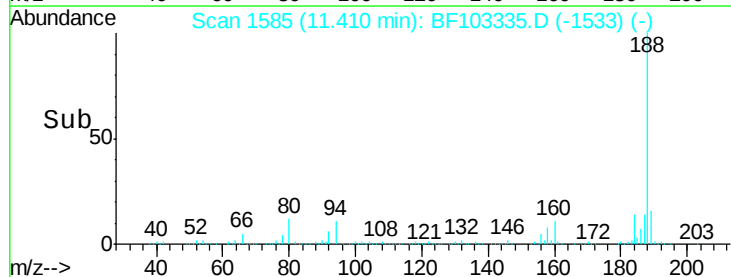
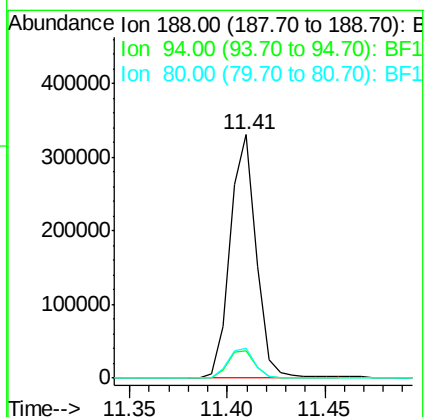
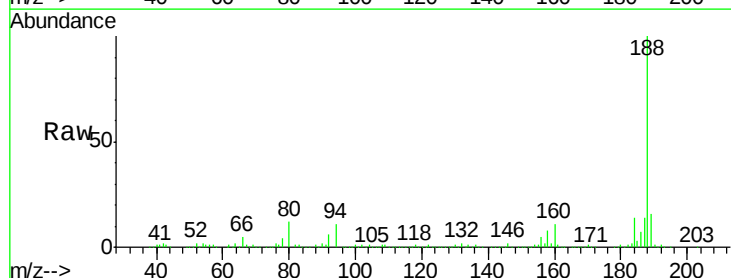
Instrument :
BNA_F
ClientSampleId :

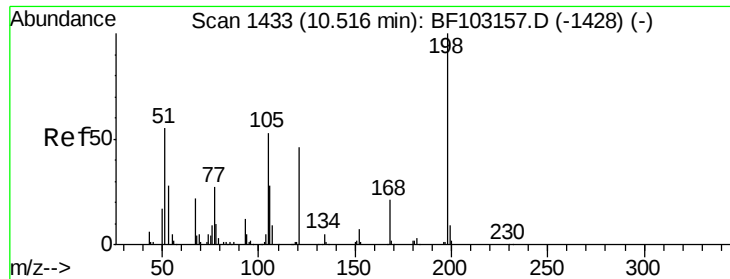
Tot Ion:165 Resp: 27841
Ion Ratio Lower Upper
165 100
63 2.0 36.4 54.6#
89 1.6 57.8 86.6#
182 0.0 1.6 2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.01 min
Lab File: BF103335.D
Acq: 1 Mar 2018 14:35

Tgt Ion:188 Resp: 305096
Ion Ratio Lower Upper
188 100
94 11.2 8.5 12.7
80 12.0 9.2 13.8

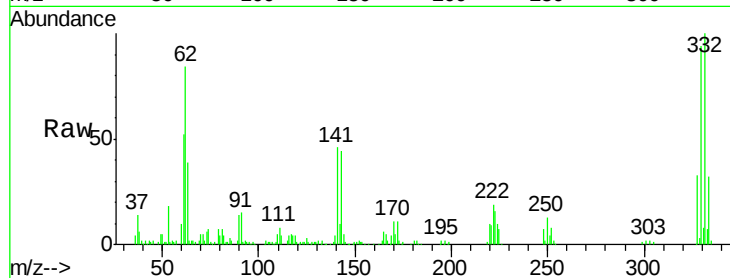




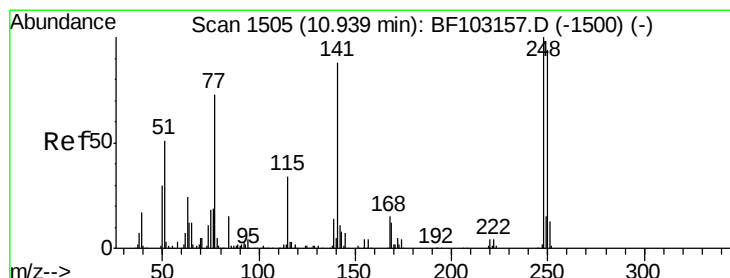
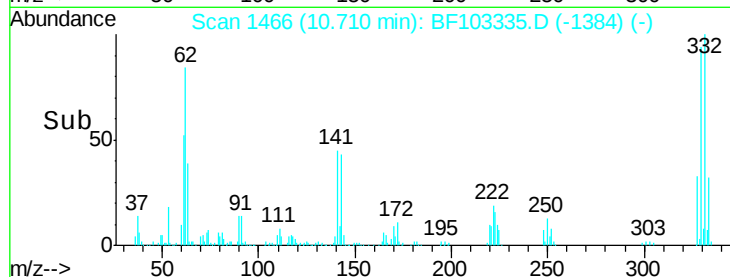
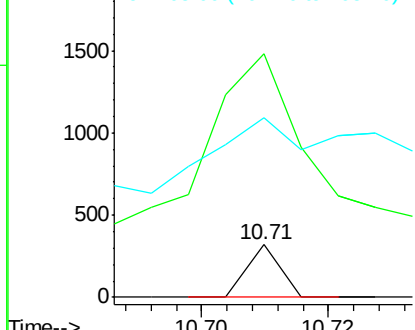
#64
4,6-Dinitro-2-methylphenol
Concen: 4.999 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.18 min
Lab File: BF103335.D
Acq: 1 Mar 2018 14:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 112
Ion Ratio Lower Upper
198 100
51 70.8 37.7 77.7
105 52.2 36.3 76.3

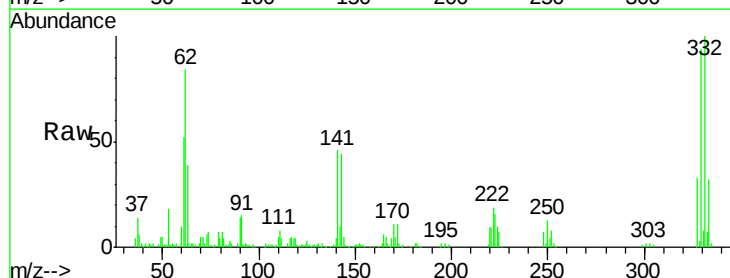


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

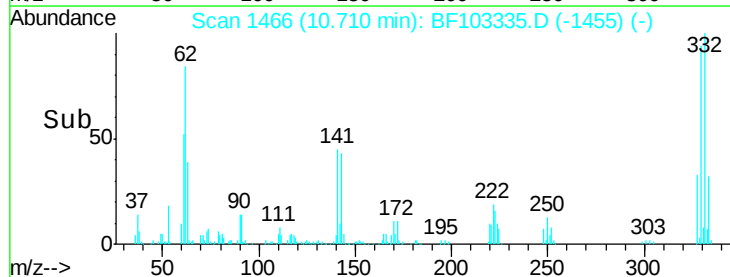
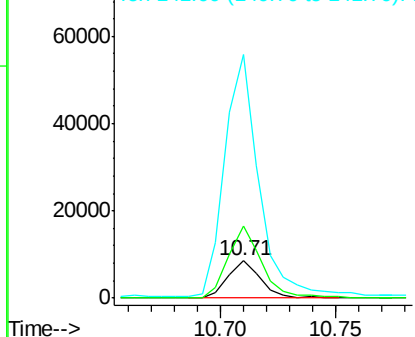


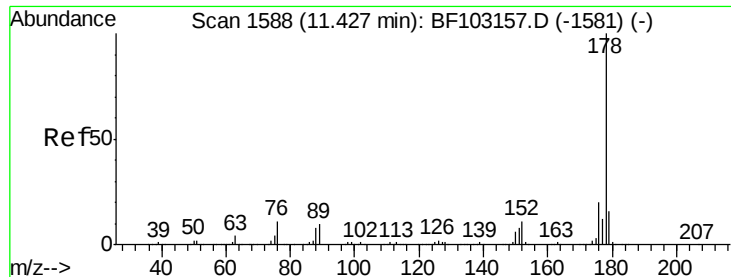
#66
4-Bromophenyl-phenylether
Concen: 2.636 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.24 min
Lab File: BF103335.D
Acq: 1 Mar 2018 14:35

Tgt Ion:248 Resp: 8378
Ion Ratio Lower Upper
248 100
250 192.0 76.9 115.3#
141 652.6 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





#70

Phenanthrene

Concen: 8.424 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.00 min

Lab File: BF103335.D

Acq: 1 Mar 2018 14:35

Instrument :

BNA_F

ClientSampleId :

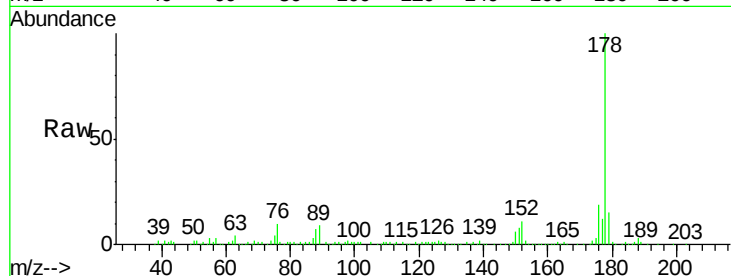
Tot Ion:178 Resp: 141442

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.8

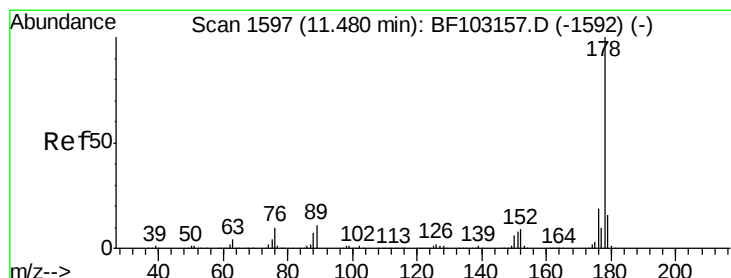
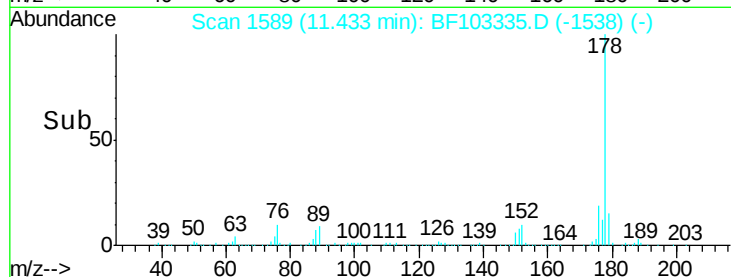
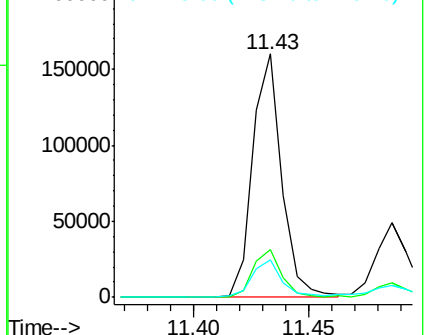
179 15.2 13.0 19.6



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: 2.889 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.00 min

Lab File: BF103335.D

Acq: 1 Mar 2018 14:35

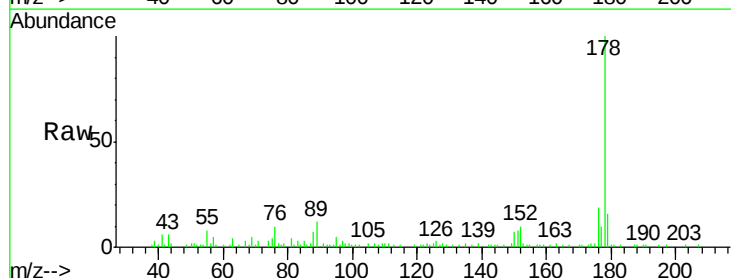
Tgt Ion:178 Resp: 49740

Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.2

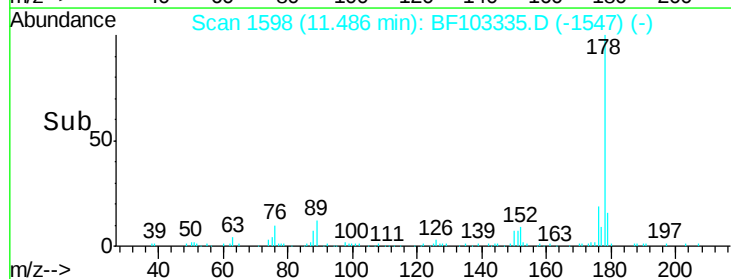
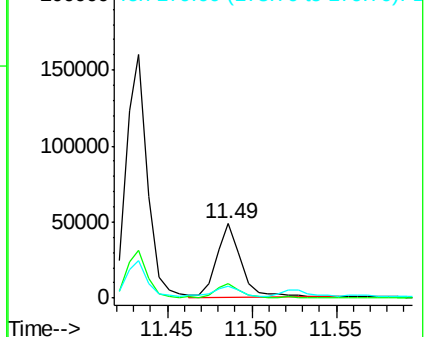
179 16.1 12.6 19.0

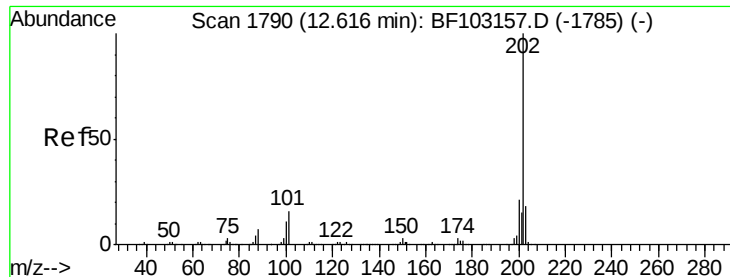


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 18.458 ng

RT: 12.63 min Scan# 1792

Delta R.T. 0.01 min

Lab File: BF103335.D

Acq: 1 Mar 2018 14:35

Instrument :

BNA_F

ClientSampleId :

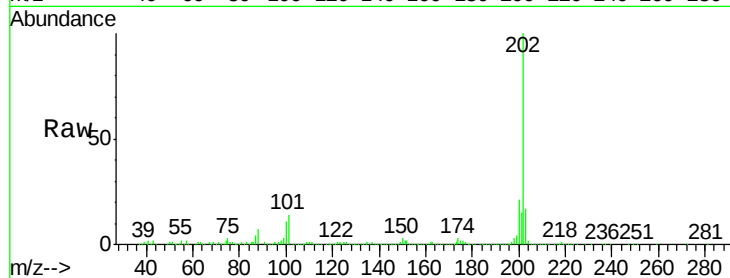
Tot Ion:202 Resp: 311433

Ion Ratio Lower Upper

202 100

101 13.7 0.0 34.1

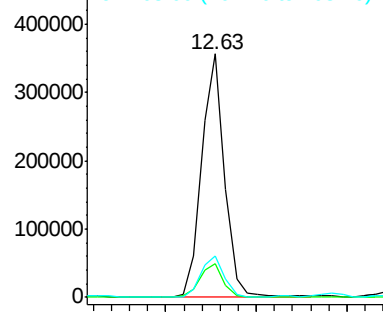
203 16.9 0.0 38.1



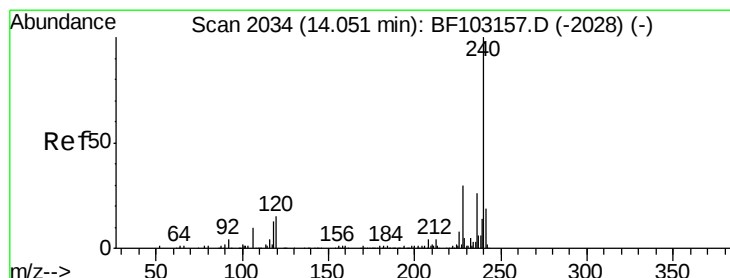
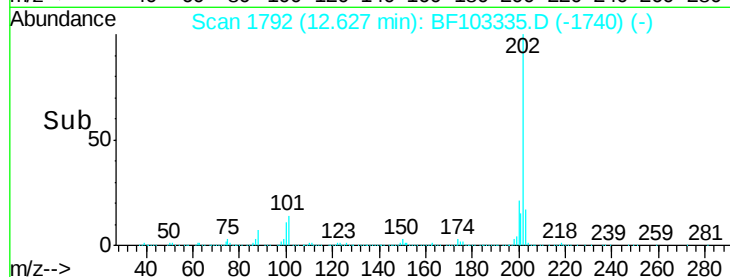
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2036

Delta R.T. 0.01 min

Lab File: BF103335.D

Acq: 1 Mar 2018 14:35

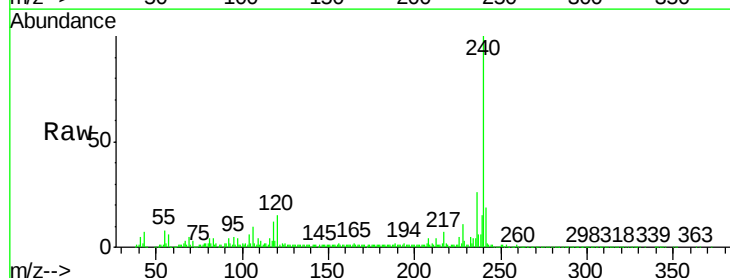
Tgt Ion:240 Resp: 250944

Ion Ratio Lower Upper

240 100

120 14.5 9.5 14.3#

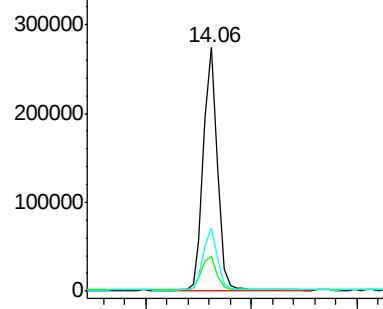
236 26.1 20.7 31.1



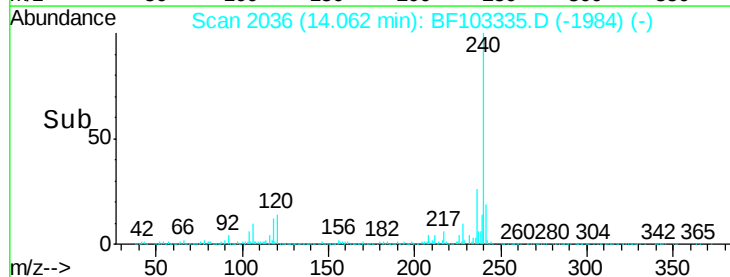
Abundance Ion 240.00 (239.70 to 240.70): E

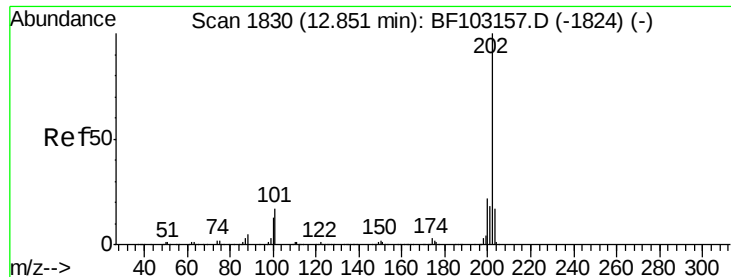
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->

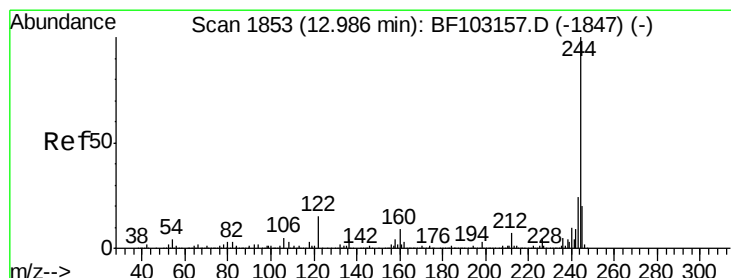
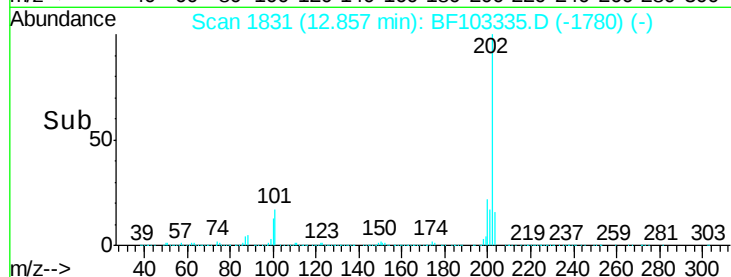
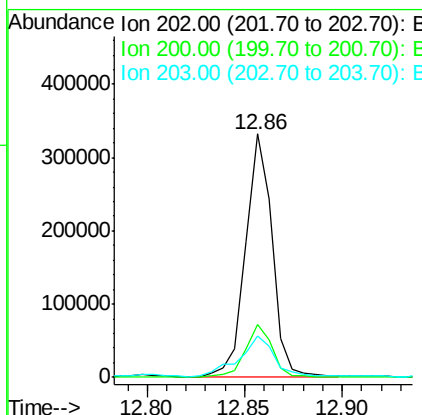
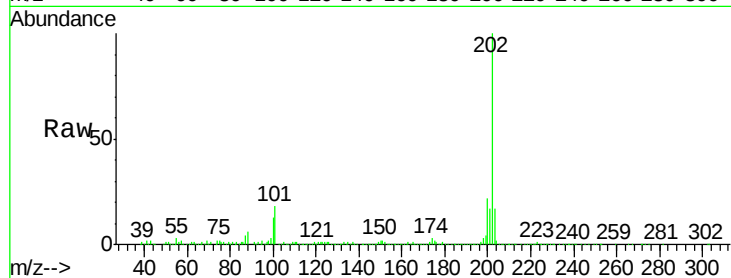




#77
Pvrene
Concen: 15.998 ng
RT: 12.86 min Scan# 1831
Delta R.T. -0.00 min
Lab File: BF103335.D
Acq: 1 Mar 2018 14:35

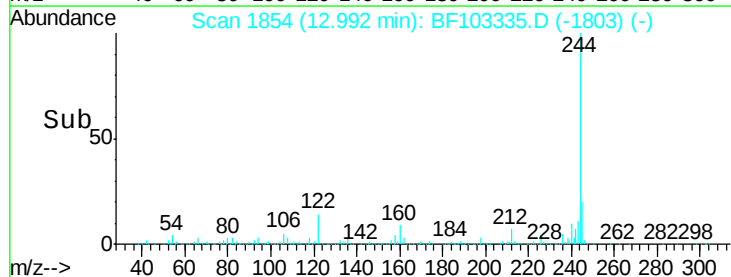
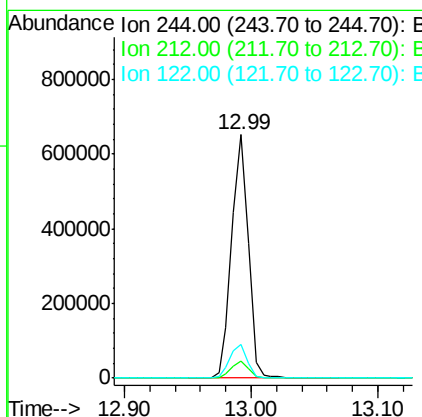
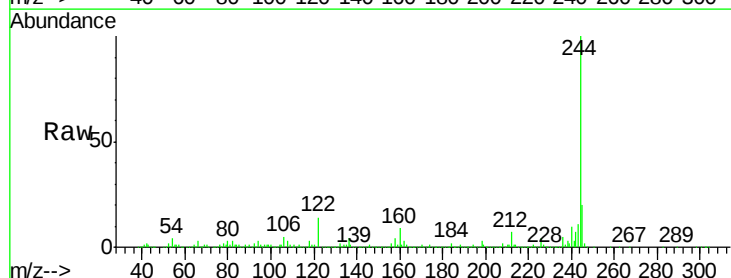
Instrument :
BNA_F
ClientSampleId :

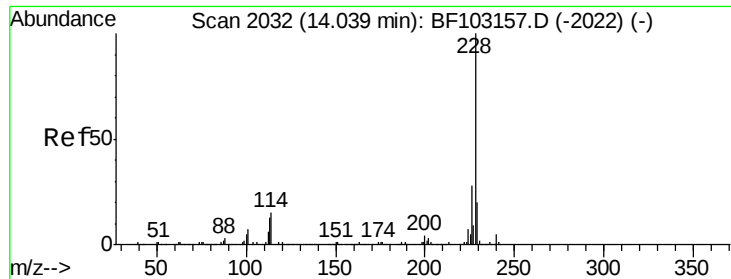
Tot Ion:202 Resp: 313006
Ion Ratio Lower Upper
202 100
200 21.8 17.4 26.2
203 17.0 14.3 21.5



#78
Terphenyl-d14
Concen: 56.736 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.00 min
Lab File: BF103335.D
Acq: 1 Mar 2018 14:35

Tgt Ion:244 Resp: 592277
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.0
122 14.1 11.0 16.4

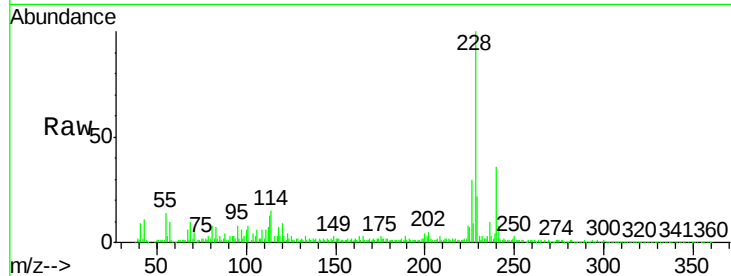




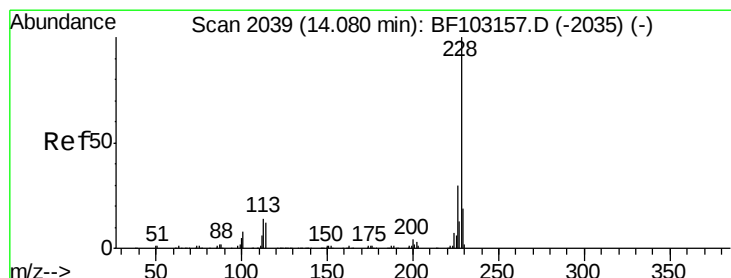
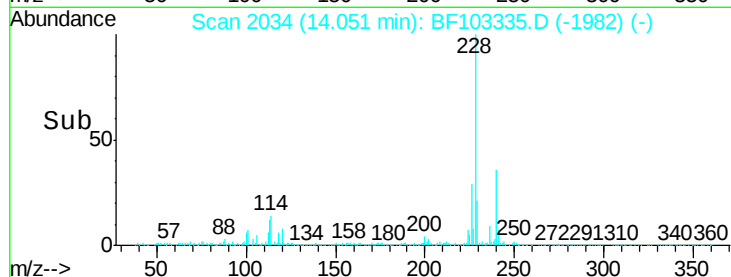
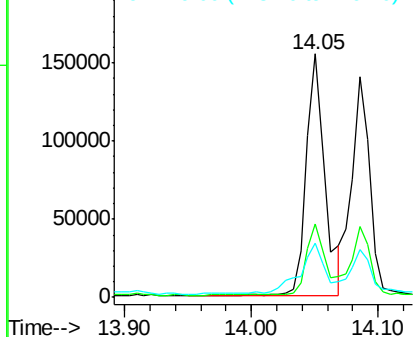
#80
Benzo(a)anthracene
Concen: 9.797 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.01 min
Lab File: BF103335.D
Acq: 1 Mar 2018 14:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 159516
Ion Ratio Lower Upper
228 100
226 29.9 22.6 33.8
229 22.3 15.8 23.6

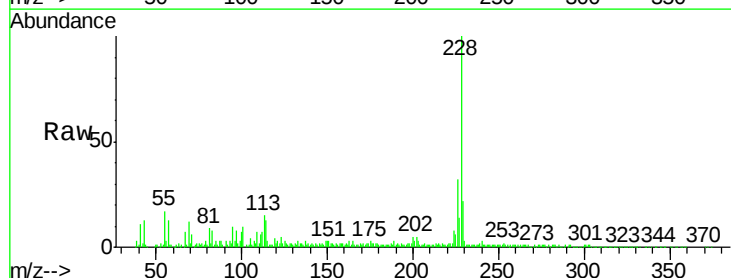


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

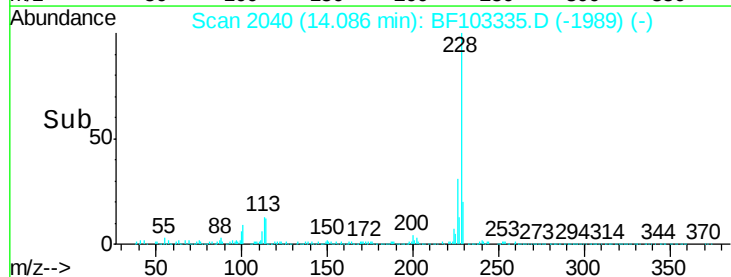
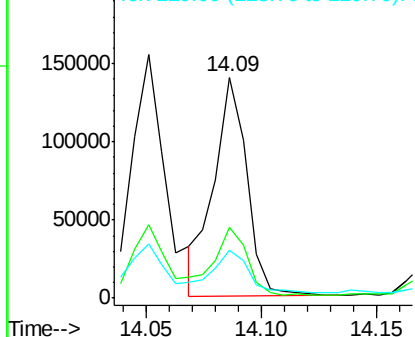


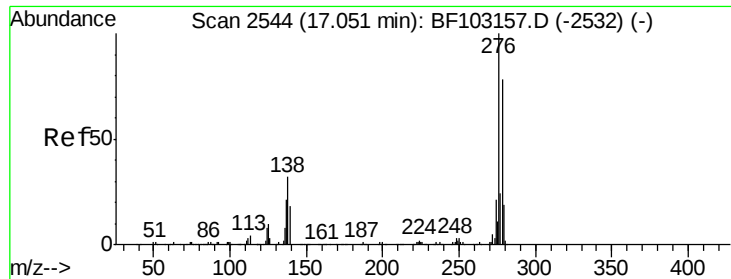
#82
Chrysene
Concen: 8.785 ng
RT: 14.09 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BF103335.D
Acq: 1 Mar 2018 14:35

Tgt Ion:228 Resp: 138890
Ion Ratio Lower Upper
228 100
226 32.0 25.0 37.6
229 21.9 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

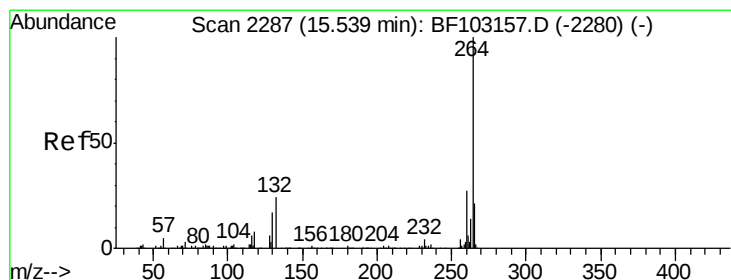
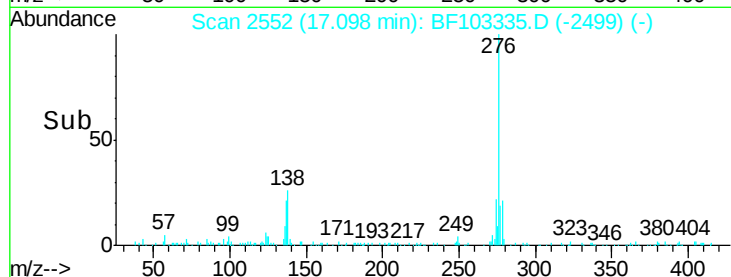
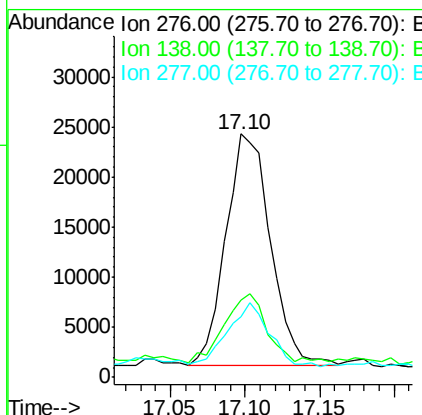
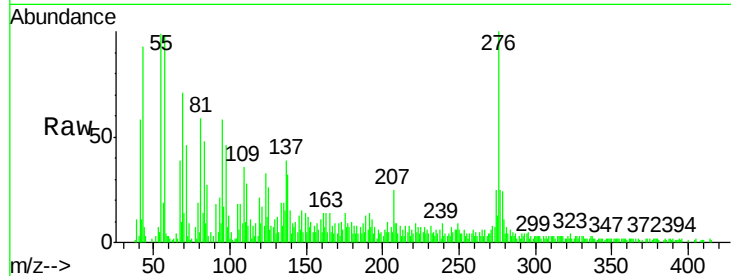




#85
Indeno(1,2,3-cd)pyrene
Concen: 3.846 ng
RT: 17.10 min Scan# 2552
Delta R.T. 0.01 min
Lab File: BF103335.D
Acq: 1 Mar 2018 14:35

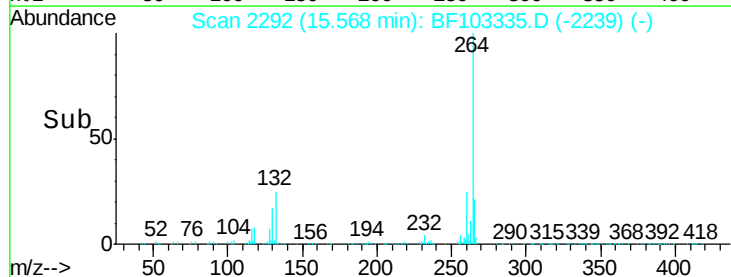
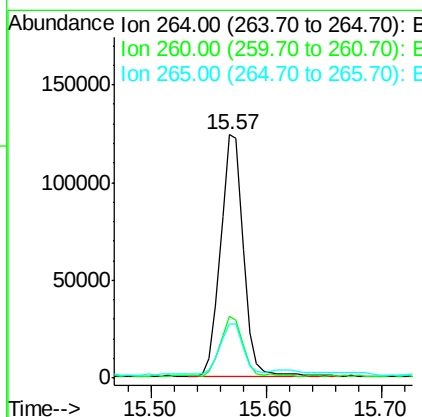
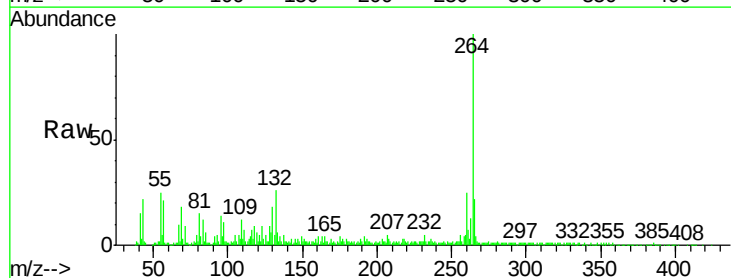
Instrument :
BNA_F
ClientSampleId :

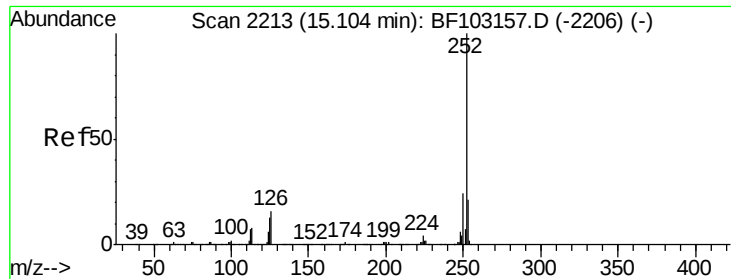
Tot Ion:276 Resp: 48131
Ion Ratio Lower Upper
276 100
138 28.7 25.0 37.6
277 26.3 20.1 30.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. 0.01 min
Lab File: BF103335.D
Acq: 1 Mar 2018 14:35

Tgt Ion:264 Resp: 168980
Ion Ratio Lower Upper
264 100
260 25.4 19.2 28.8
265 22.2 17.5 26.3

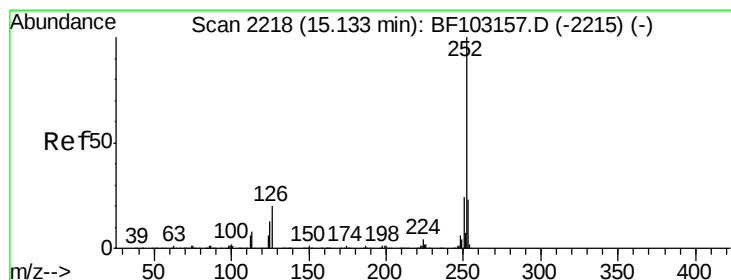
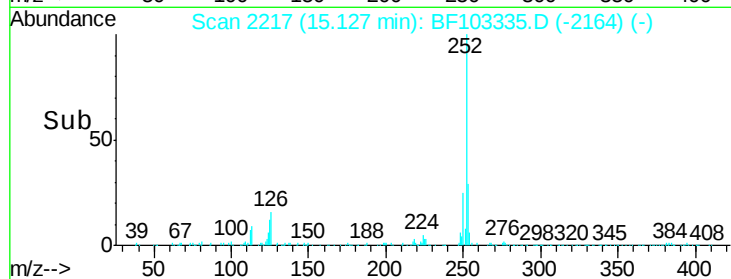
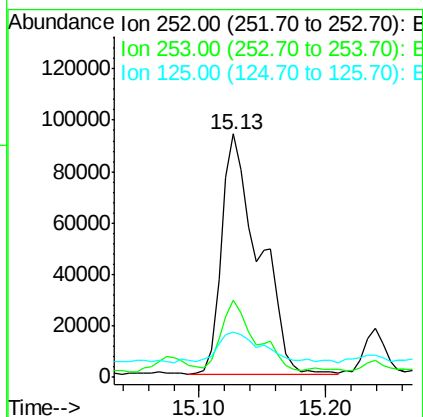
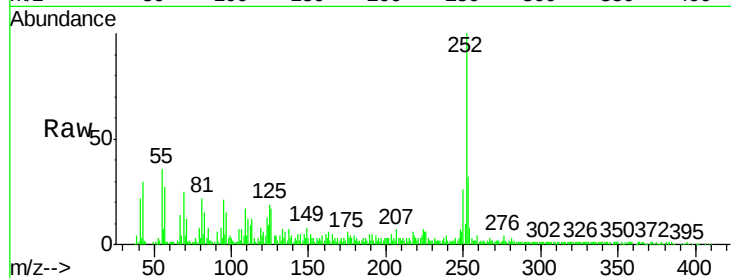




#87
Benzo(b)fluoranthene
Concen: 17.195 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF103335.D
Acq: 1 Mar 2018 14:35

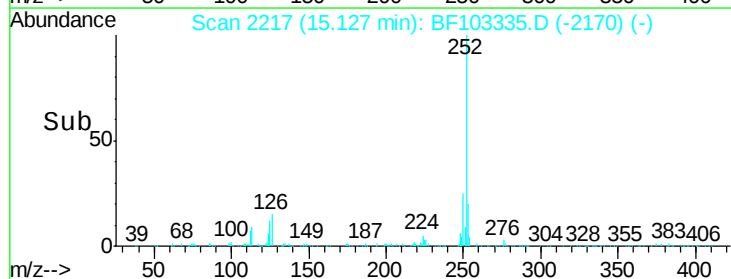
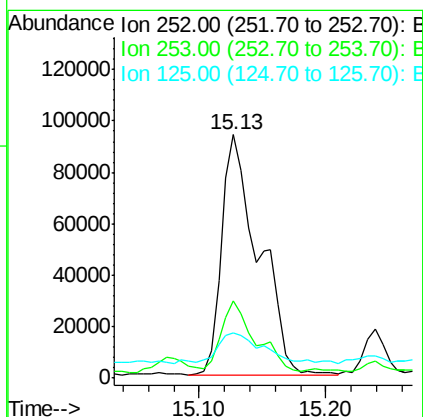
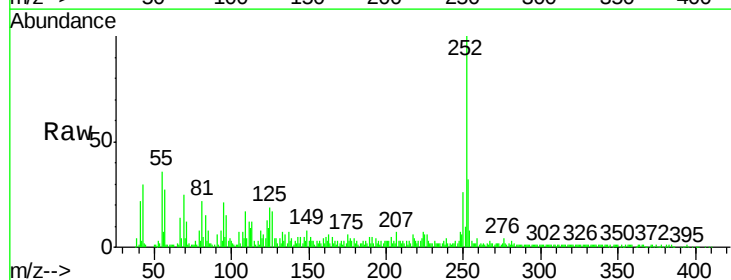
Instrument :
BNA_F
ClientSampleId :

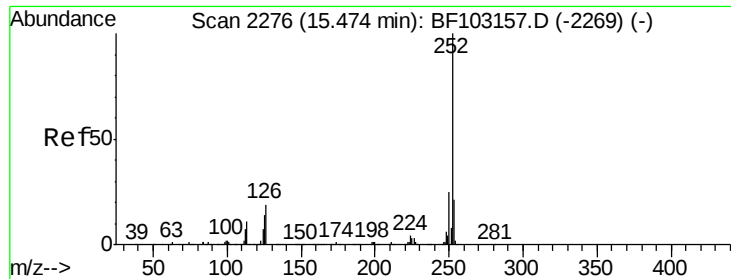
Tot Ion:252 Resp: 191044
Ion Ratio Lower Upper
252 100
253 31.8 17.0 25.6#
125 18.6 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 18.261 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.02 min
Lab File: BF103335.D
Acq: 1 Mar 2018 14:35

Tgt Ion:252 Resp: 191044
Ion Ratio Lower Upper
252 100
253 31.8 17.9 26.9#
125 18.6 10.2 15.2#

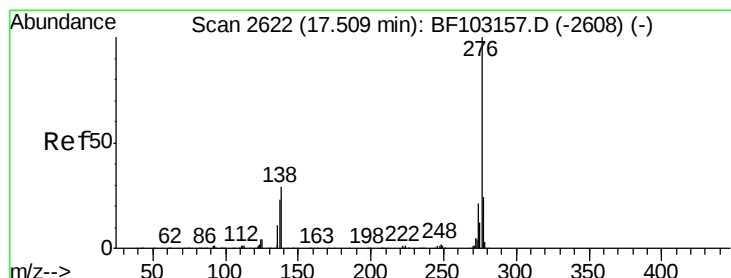
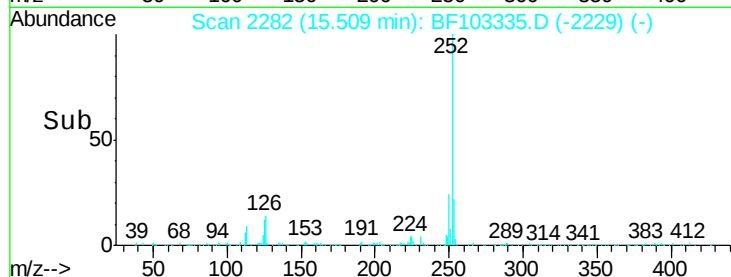
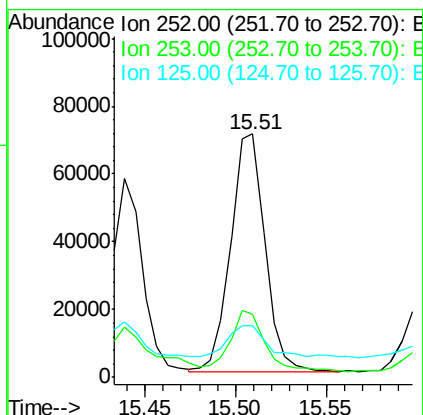
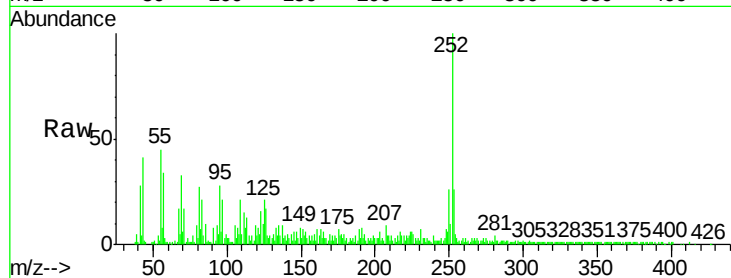




#89
Benzo(a)pyrene
Concen: 9.366 ng
RT: 15.51 min Scan# 2282
Delta R.T. 0.01 min
Lab File: BF103335.D
Acq: 1 Mar 2018 14:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 92927
Ion Ratio Lower Upper
252 100
253 25.7 17.1 25.7#
125 21.1 9.8 14.6#



#91
Benzo(g,h,i)perylene
Concen: 6.713 ng
RT: 17.57 min Scan# 2633
Delta R.T. 0.04 min
Lab File: BF103335.D
Acq: 1 Mar 2018 14:35

Tgt Ion:276 Resp: 50299
Ion Ratio Lower Upper
276 100
277 26.0 17.9 26.9
138 31.4 21.8 32.8

