

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030118\
 Data File : BF103333.D
 Acq On : 1 Mar 2018 13:42
 Operator : SJ/JU
 Sample : J1720-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 02 09:24:03 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	142997	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	587355	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	228746	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	322578	20.00	ng	0.00
75) Chrysene-d12	14.06	240	237030	20.00	ng	0.00
86) Perylene-d12	15.57	264	187543	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1085356	114.79	ng	0.01
7) Phenol-d6	6.52	99	1290889	111.58	ng	0.00
23) Nitrobenzene-d5	7.44	82	852586	82.90	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	161879	83.61	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1079360	80.19	ng	0.00
78) Terphenyl-d14	12.99	244	675382	68.49	ng	0.00

Target Compounds

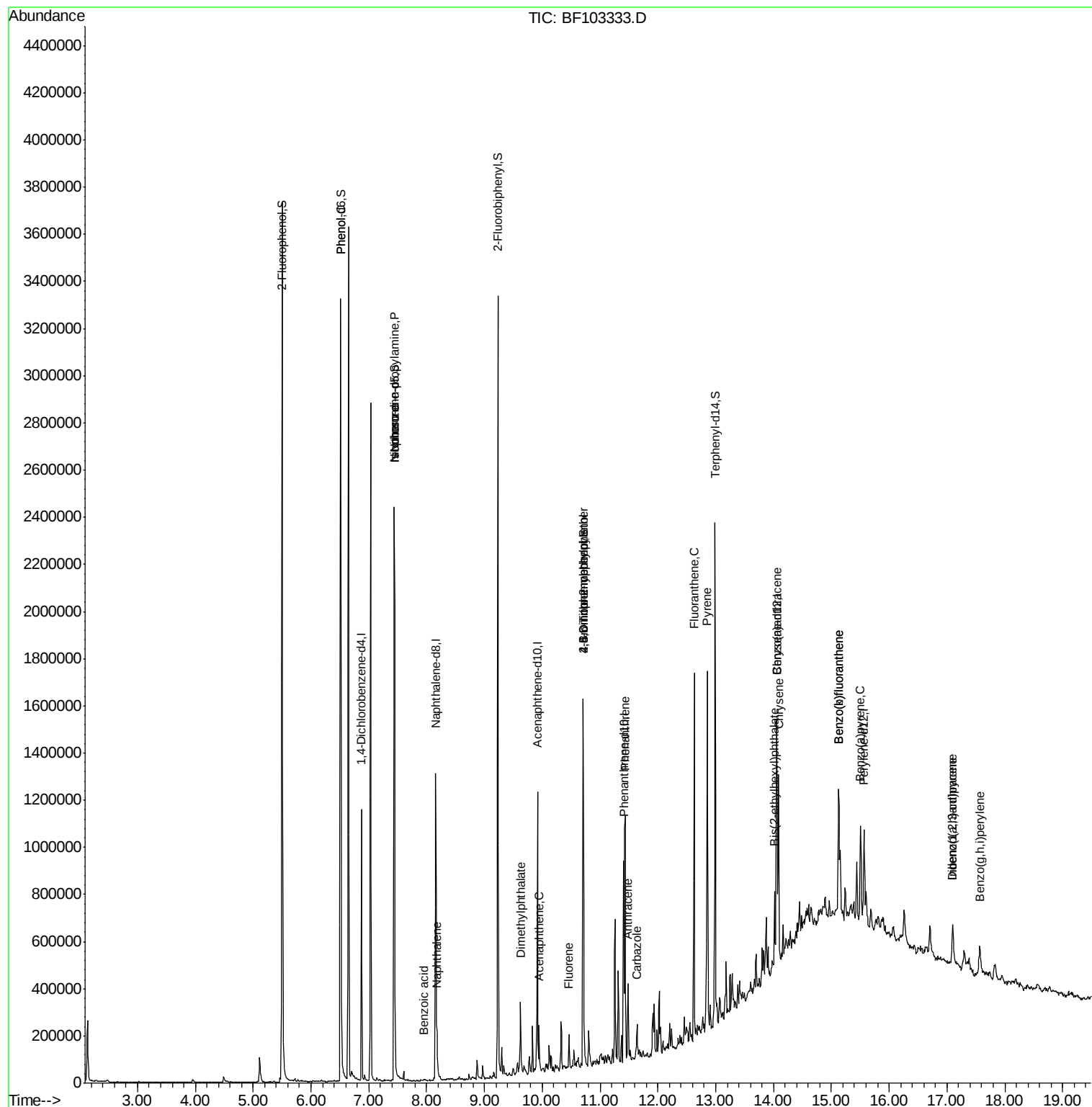
					Qvalue	
9) Benzaldehyde	6.44	77	1111	Below Cal	#	69
10) Phenol	6.52	94	29704	2.212 ng	#	33
19) n-Nitroso-di-n-propylamine	7.44	70	119583	16.608 ng	#	85
25) Isophorone	7.44	82	852575	42.090 ng	#	64
31) Naphthalene	8.18	128	70442	2.450 ng		100
32) Benzoic acid	7.96	122	1291	7.097 ng	#	60
49) Dimethylphthalate	9.62	163	113751	6.199 ng		99
51) Acenaphthene	9.95	154	36412	2.676 ng		97
57) Fluorene	10.46	166	38538	2.422 ng		97
64) 4,6-Dinitro-2-methylphenol	10.70	198	379	5.119 ng	#	1
66) 4-Bromophenyl-phenylether	10.71	248	11623	3.459 ng	#	1
70) Phenanthrene	11.43	178	387976	21.855 ng		99
71) Anthracene	11.48	178	125395	6.888 ng		98
72) Carbazole	11.65	167	62314	3.437 ng		99
74) Fluoranthene	12.63	202	618705	34.682 ng		100
77) Pyrene	12.86	202	607278	32.861 ng		99
80) Benzo(a)anthracene	14.05	228	345638	22.474 ng		99
82) Chrysene	14.09	228	279954	18.747 ng		98
83) Bis(2-ethylhexyl)phthalate	14.02	149	88355	6.706 ng		99
85) Indeno(1,2,3-cd)pyrene	17.10	276	98286	8.314 ng		97
87) Benzo(b)fluoranthene	15.13	252	414102	33.583 ng	#	91
88) Benzo(k)fluoranthene	15.13	252	414102	35.663 ng	#	94
89) Benzo(a)pyrene	15.51	252	204940	18.612 ng	#	94
90) Dibenzo(a,h)anthracene	17.10	278	26121	3.070 ng	#	74
91) Benzo(g,h,i)perylene	17.57	276	95613	11.498 ng		92

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

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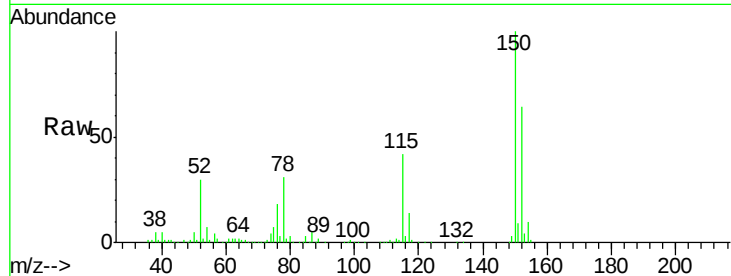


#1

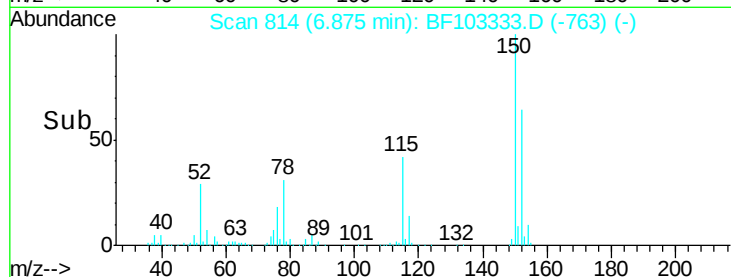
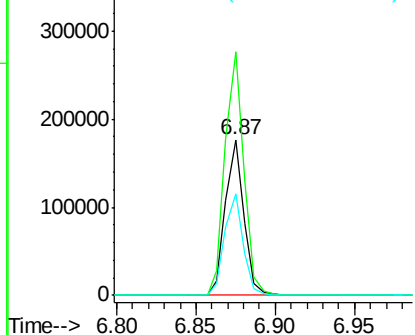
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF103333.D
Acq: 1 Mar 2018 13:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 142997
Ion Ratio Lower Upper
152 100
150 156.6 124.6 186.8
115 65.4 50.1 75.1



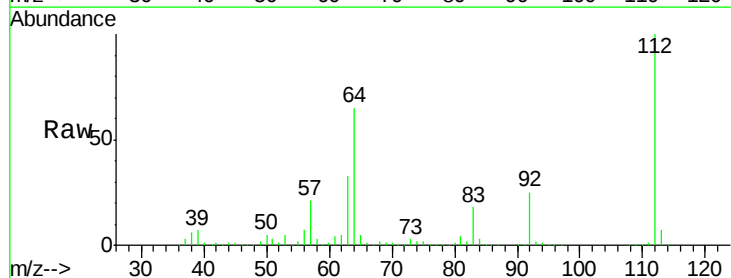
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



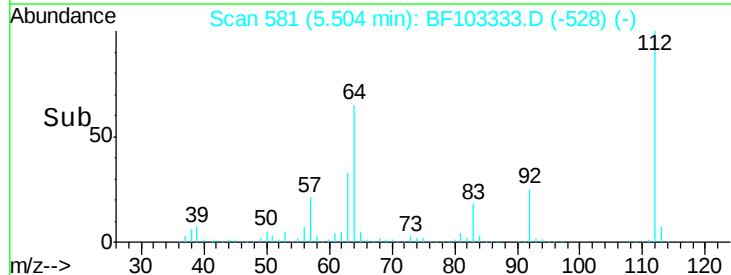
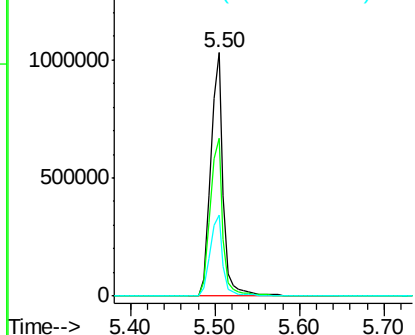
#5

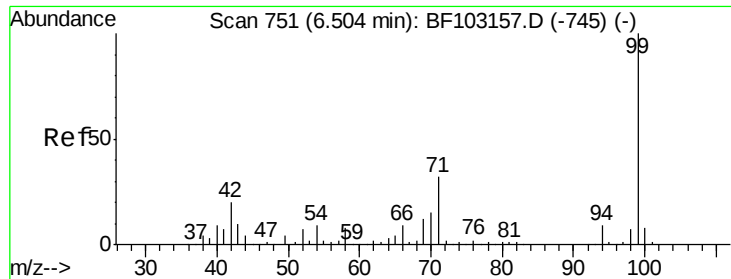
2-Fluorophenol
Concen: 114.794 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF103333.D
Acq: 1 Mar 2018 13:42

Tgt Ion:112 Resp: 1085356
Ion Ratio Lower Upper
112 100
64 64.7 47.9 71.9
63 33.4 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: 111.578 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF103333.D

Acq: 1 Mar 2018 13:42

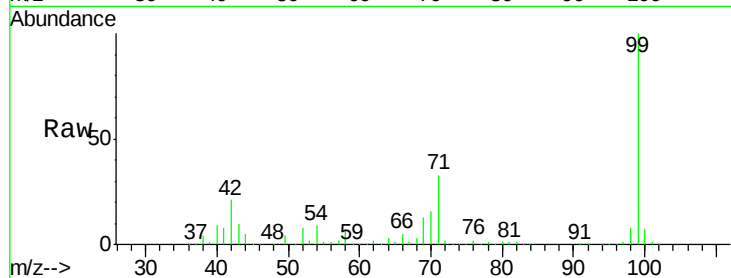
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1290889

Ion	Ratio	Lower	Upper
99	100		
42	21.2	14.5	21.7
71	33.3	25.4	38.0

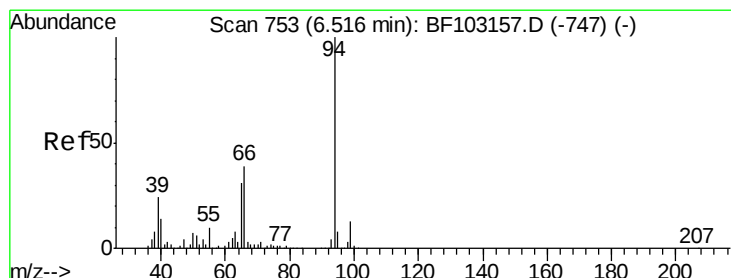
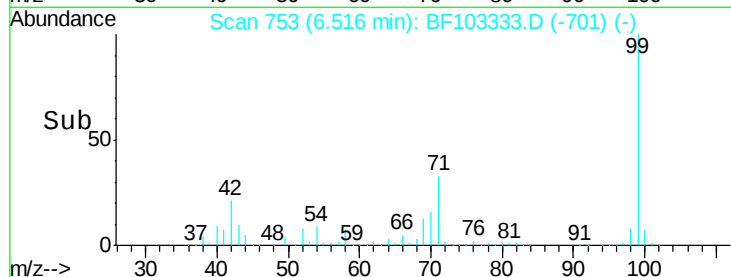
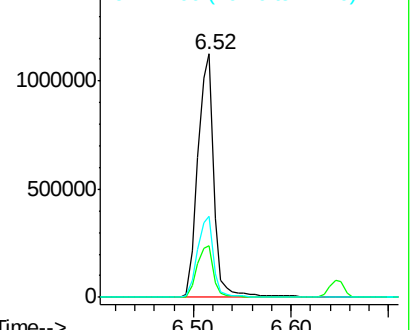


Abundance

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: 2.212 ng

RT: 6.52 min Scan# 754

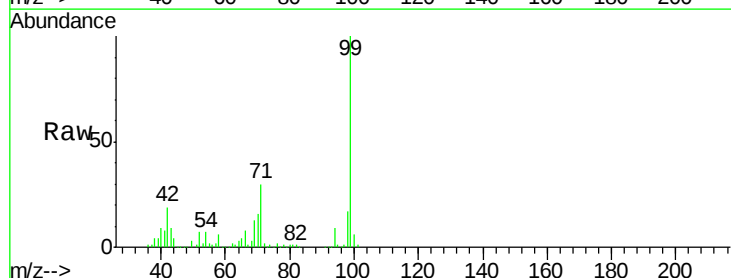
Delta R.T. 0.00 min

Lab File: BF103333.D

Acq: 1 Mar 2018 13:42

Tgt Ion: 94 Resp: 29704

Ion	Ratio	Lower	Upper
94	100		
65	43.0	7.9	47.9
66	93.1	16.2	56.2

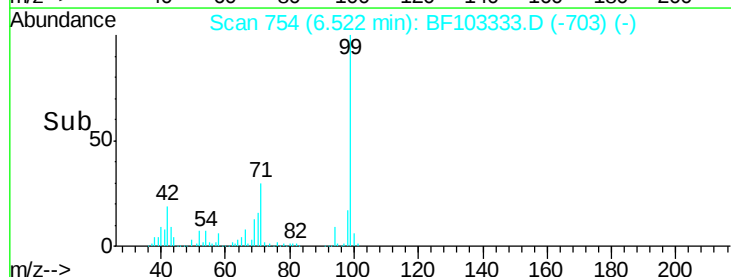
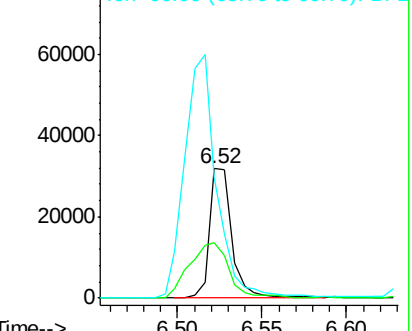


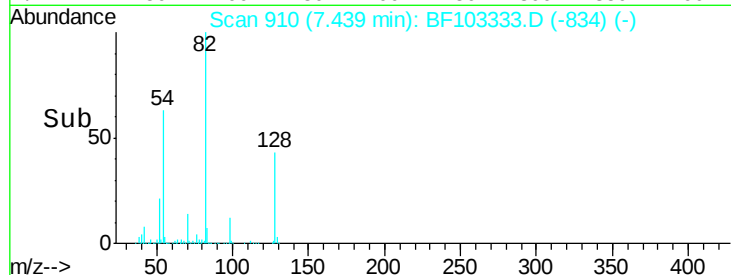
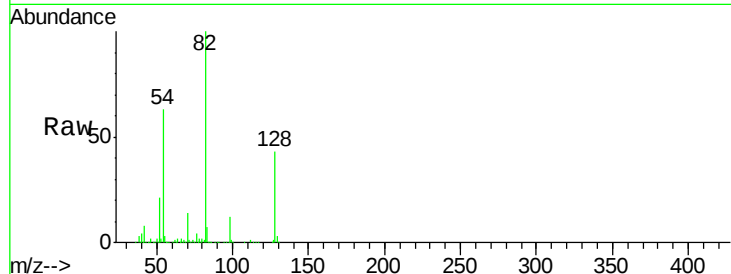
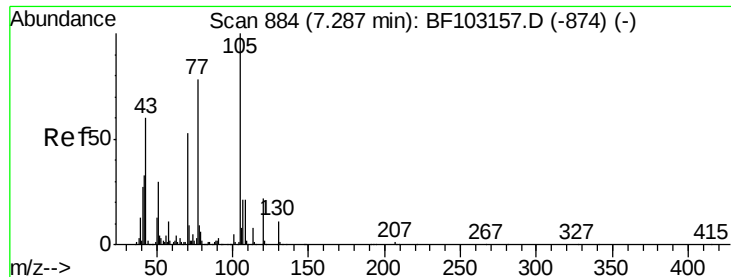
Abundance

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

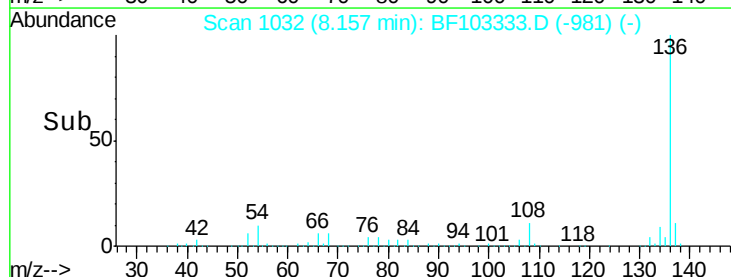
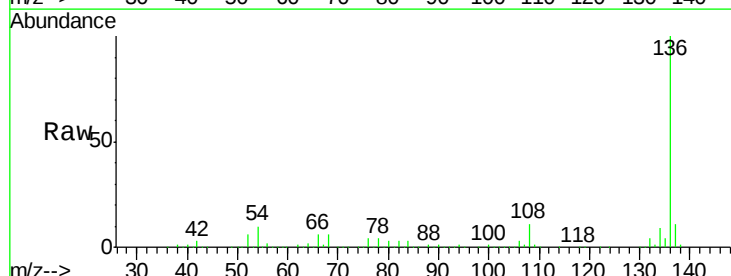
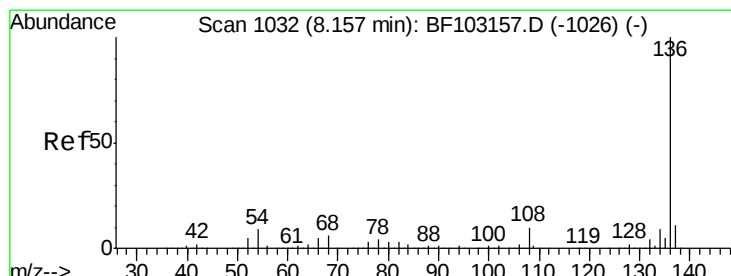
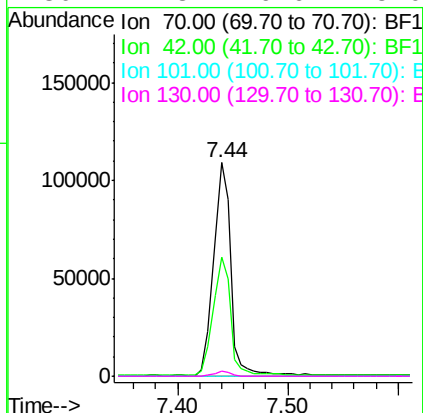




#19
n-Nitroso-di-n-propylamine
Concen: 16.608 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.15 min
Lab File: BF103333.D
Acq: 1 Mar 2018 13:42

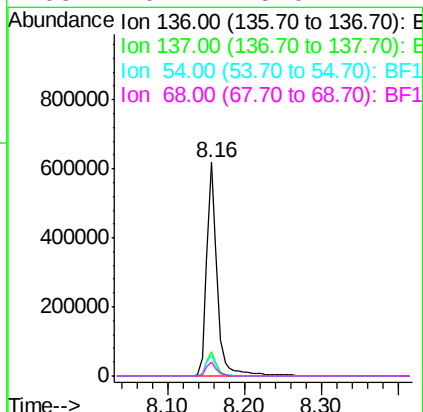
Instrument :
BNA_F
ClientSampleId :

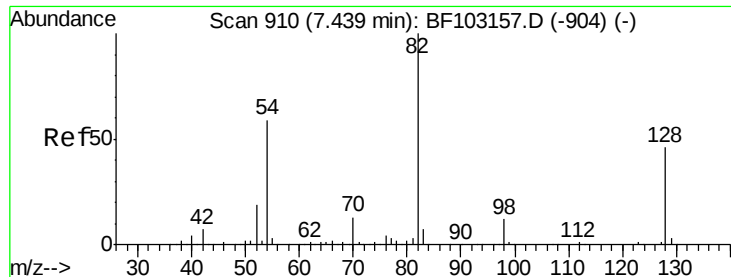
Tot Ion: 70 Resp: 119583
Ion Ratio Lower Upper
70 100
42 55.5 47.5 71.3
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF103333.D
Acq: 1 Mar 2018 13:42

Tgt Ion: 136 Resp: 587355
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 9.8 6.6 9.8
68 6.4 5.0 7.4

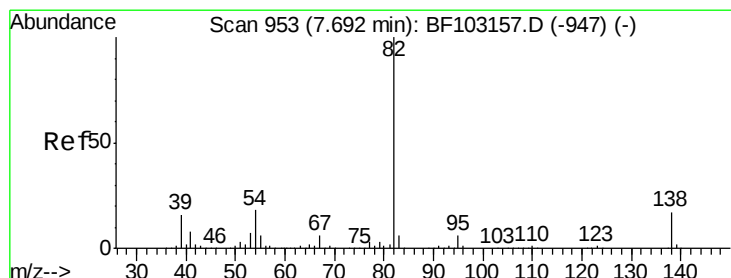
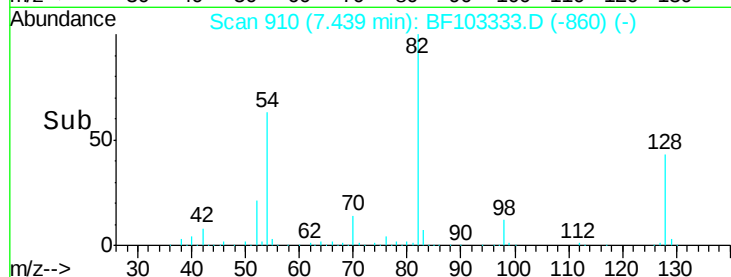
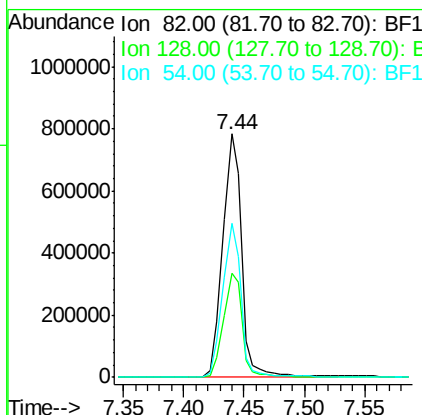
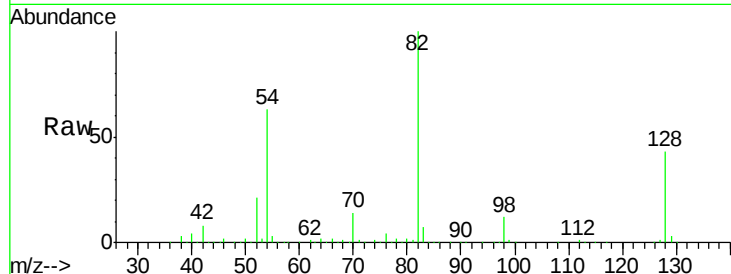




#23
 Nitrobenzene-d5
 Concen: 82.897 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF103333.D
 Acq: 1 Mar 2018 13:42

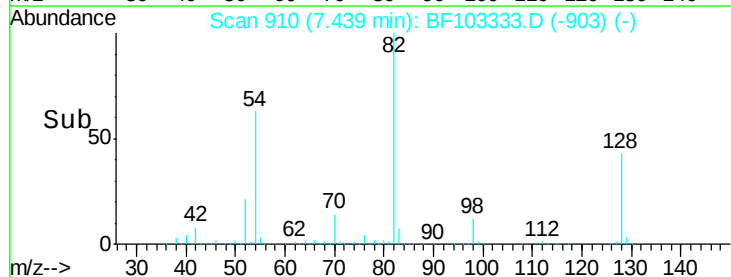
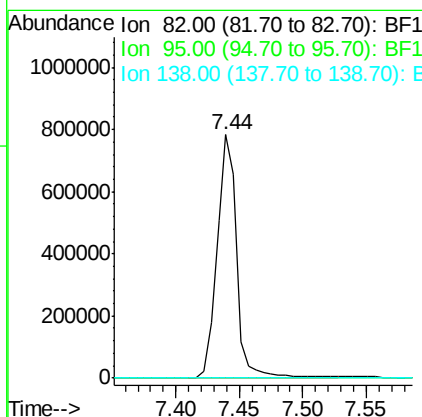
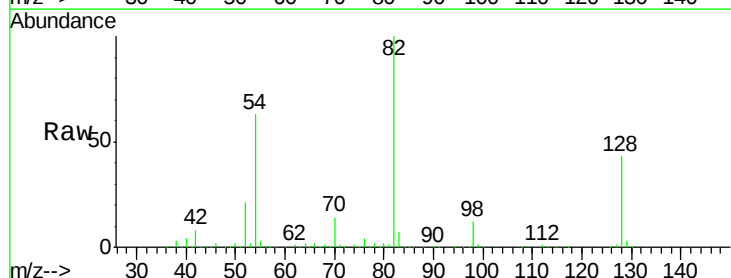
Instrument :
 BNA_F
 ClientSampled :

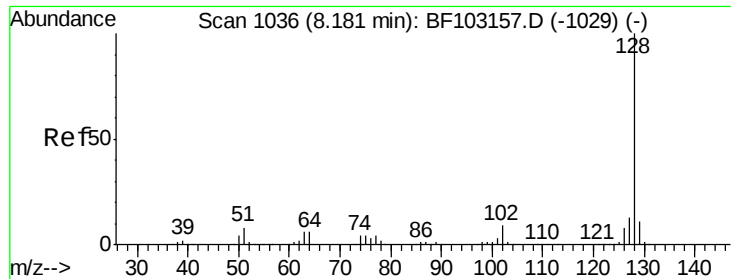
Tot Ion: 82 Resp: 852586
 Ion Ratio Lower Upper
 82 100
 128 42.7 36.1 54.1
 54 63.0 41.4 62.2#



#25
 Isophorone
 Concen: 42.090 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.26 min
 Lab File: BF103333.D
 Acq: 1 Mar 2018 13:42

Tgt Ion: 82 Resp: 852575
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#

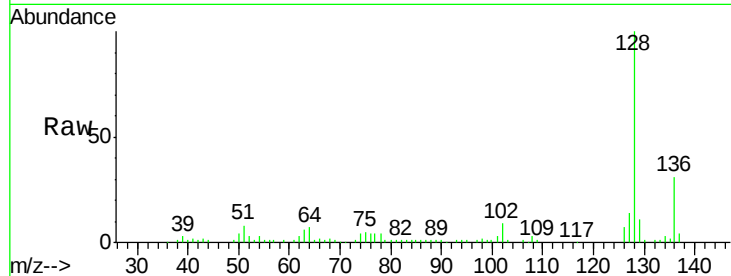




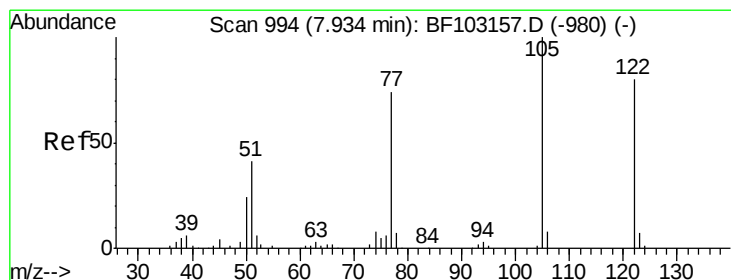
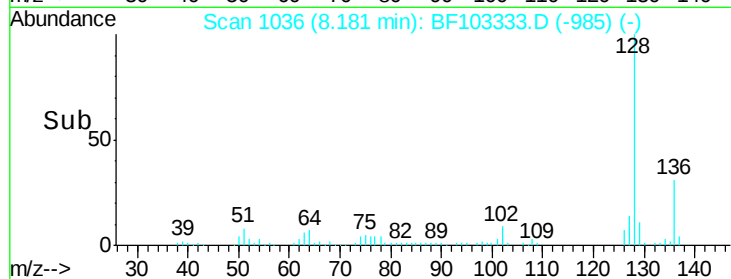
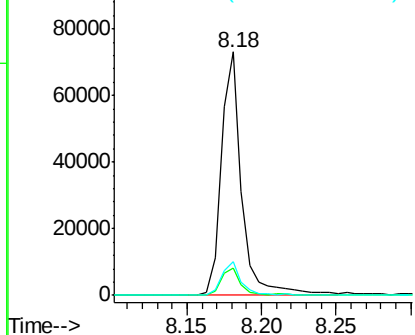
#31
Naphthalene
Concen: 2.450 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF103333.D
Acq: 1 Mar 2018 13:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 70442
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.9 10.9 16.3

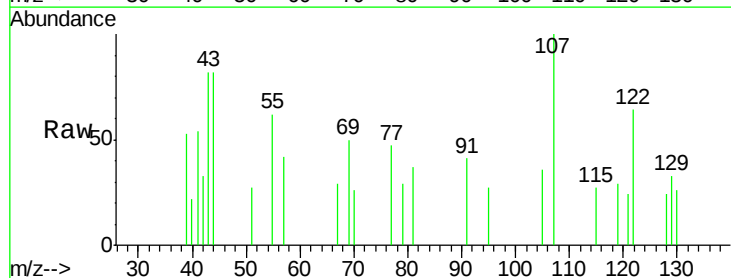


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

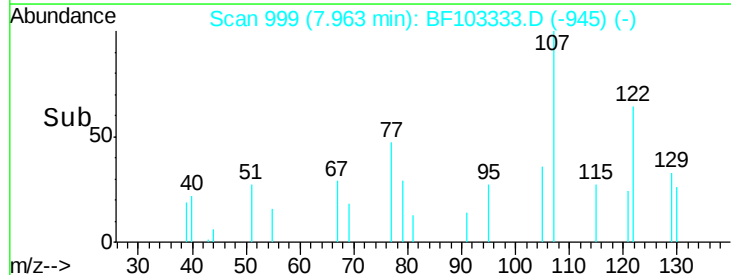
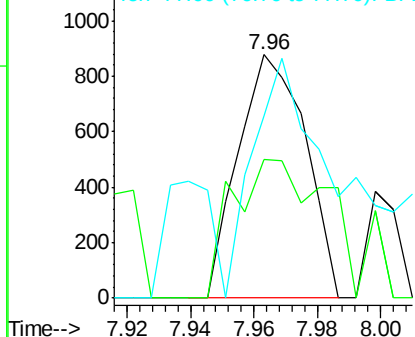


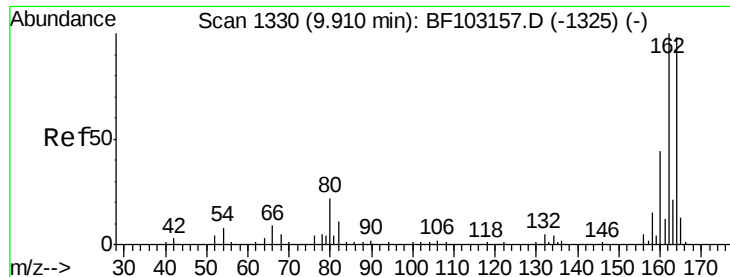
#32
Benzoic acid
Concen: 7.097 ng
RT: 7.96 min Scan# 999
Delta R.T. 0.02 min
Lab File: BF103333.D
Acq: 1 Mar 2018 13:42

Tgt Ion:122 Resp: 1291
Ion Ratio Lower Upper
122 100
105 57.1 101.1 141.1#
77 74.6 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

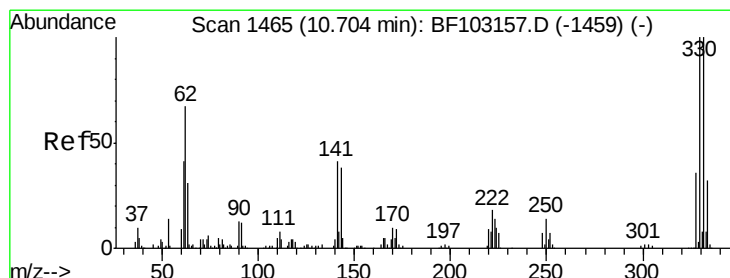
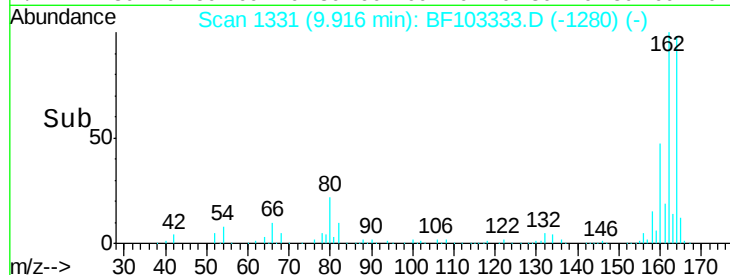
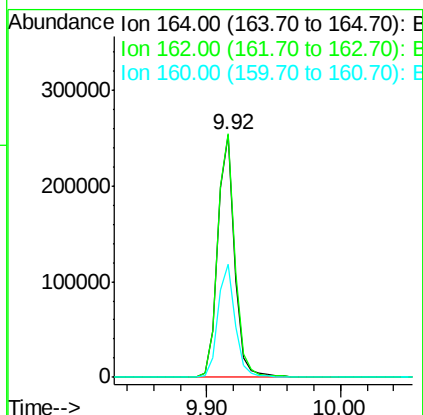
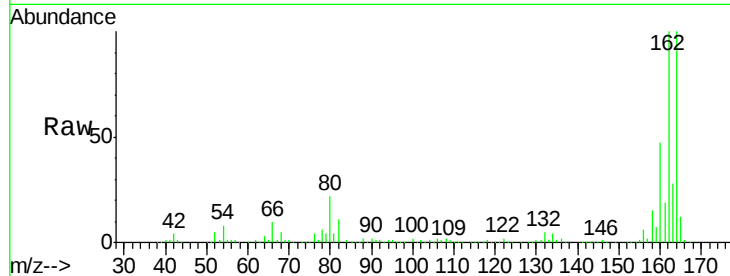




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.00 min
 Lab File: BF103333.D
 Acq: 1 Mar 2018 13:42

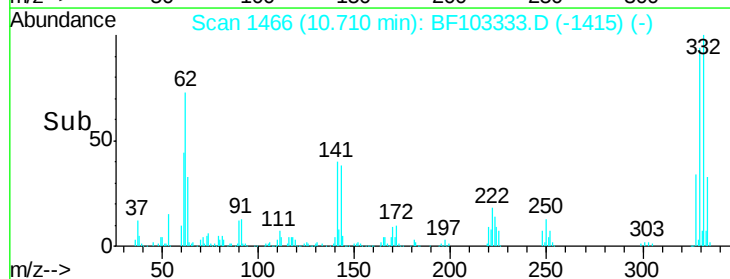
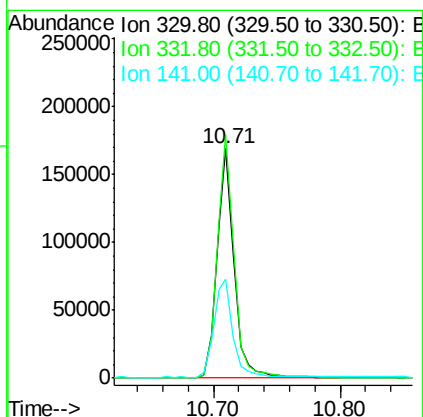
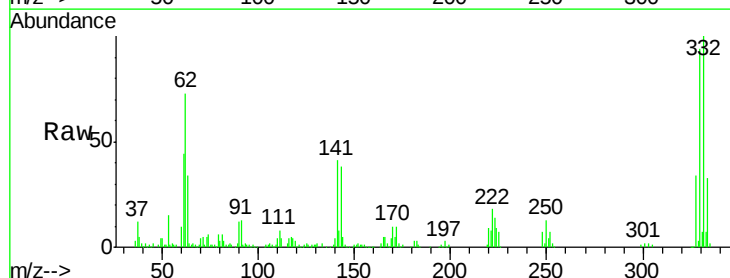
Instrument :
 BNA_F
 ClientSampleId :

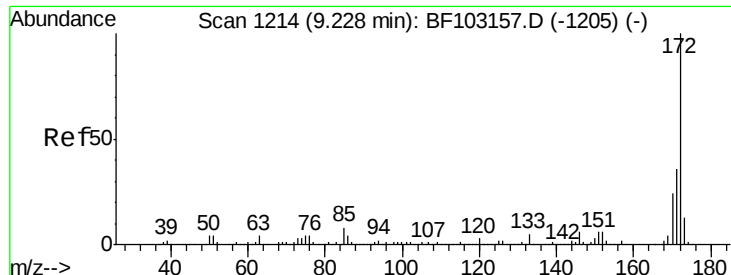
Tot Ion:164 Resp: 228746
 Ion Ratio Lower Upper
 164 100
 162 100.3 86.1 129.1
 160 46.8 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 83.606 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: BF103333.D
 Acq: 1 Mar 2018 13:42

Tgt Ion:330 Resp: 161879
 Ion Ratio Lower Upper
 330 100
 332 105.8 77.0 115.6
 141 47.8 29.9 44.9#

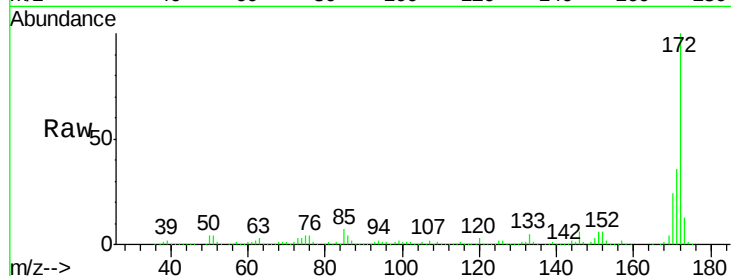




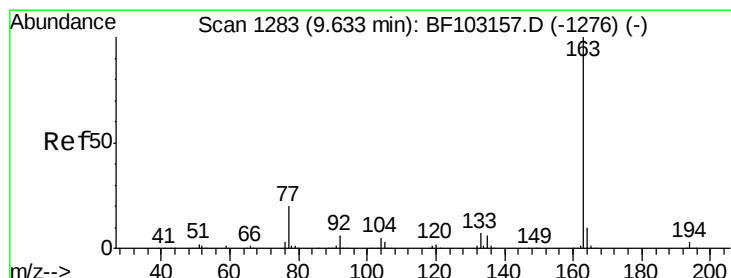
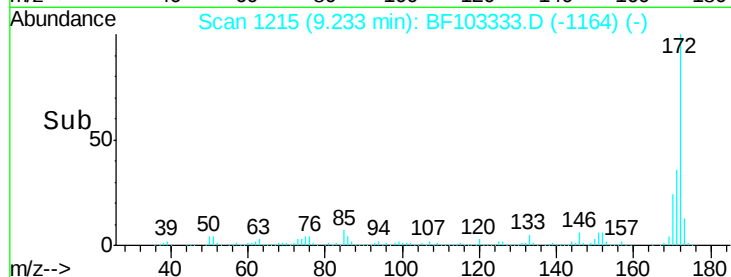
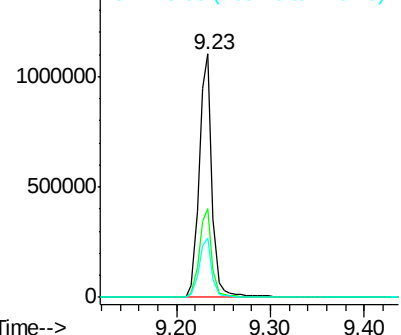
#44
2-Fluorobiphenyl
Concen: 80.185 ng
RT: 9.23 min Scan# 1215
Delta R.T. 0.00 min
Lab File: BF103333.D
Acq: 1 Mar 2018 13:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1079360
Ion Ratio Lower Upper
172 100
171 36.3 29.7 44.5
170 24.4 19.6 29.4

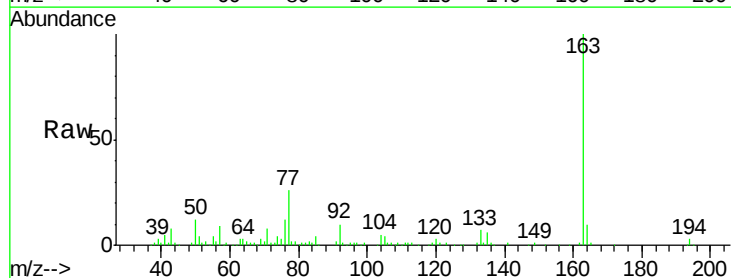


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

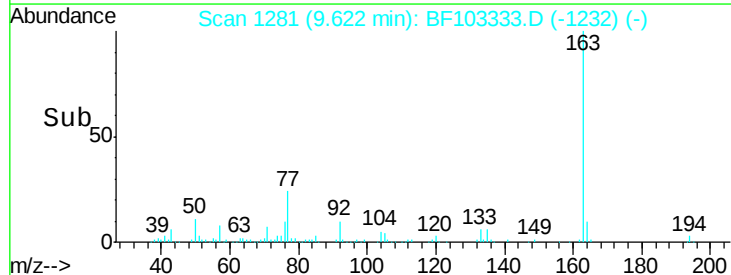
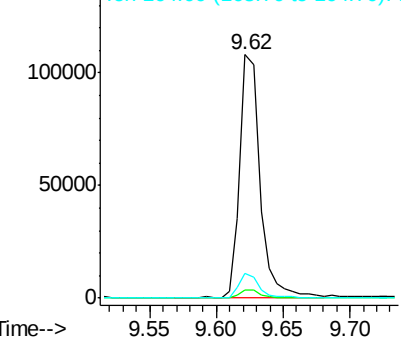


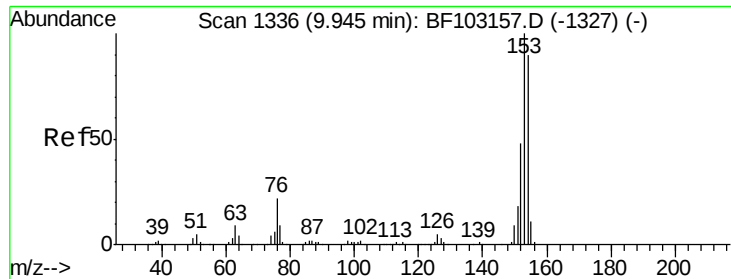
#49
Dimethylphthalate
Concen: 6.199 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF103333.D
Acq: 1 Mar 2018 13:42

Tgt Ion:163 Resp: 113751
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 10.0 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





#51

Acenaphthene

Concen: 2.676 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BF103333.D

Acq: 1 Mar 2018 13:42

Instrument :

BNA_F

ClientSampleId :

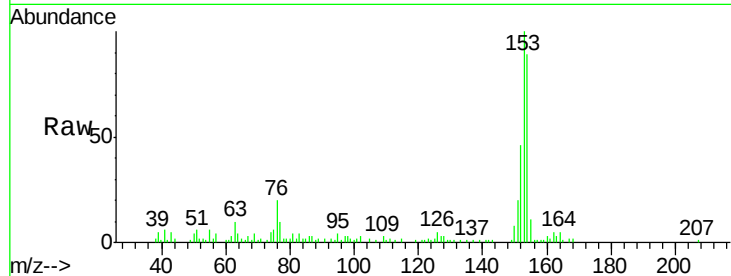
Tot Ion:154 Resp: 36412

Ion Ratio Lower Upper

154 100

153 111.7 91.2 136.8

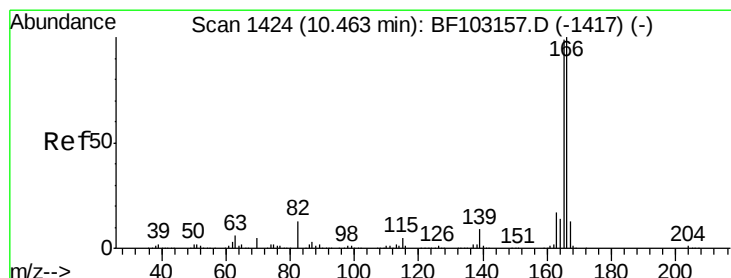
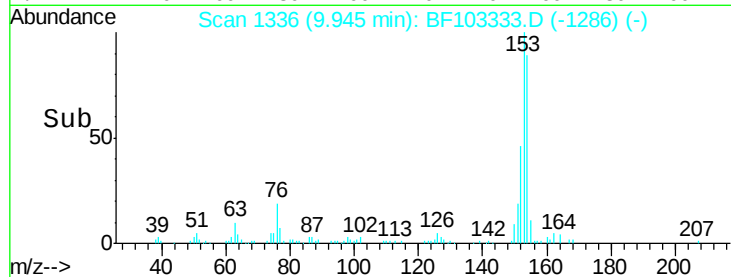
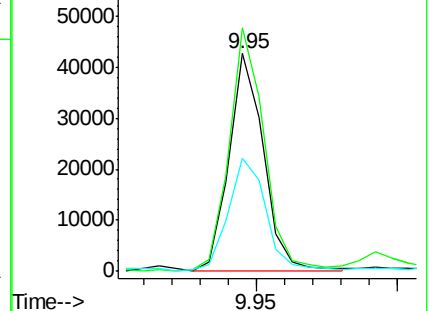
152 51.9 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#57

Fluorene

Concen: 2.422 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BF103333.D

Acq: 1 Mar 2018 13:42

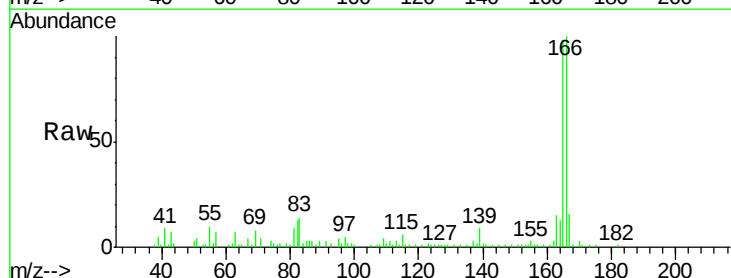
Tgt Ion:166 Resp: 38538

Ion Ratio Lower Upper

166 100

165 97.7 79.8 119.8

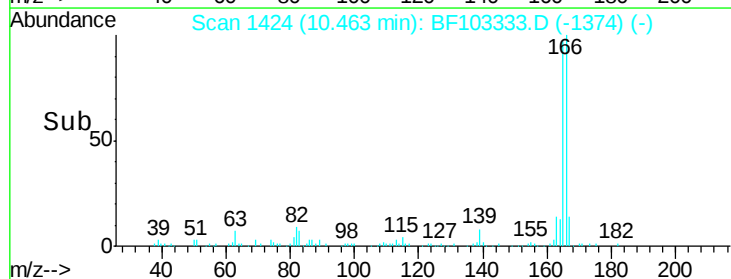
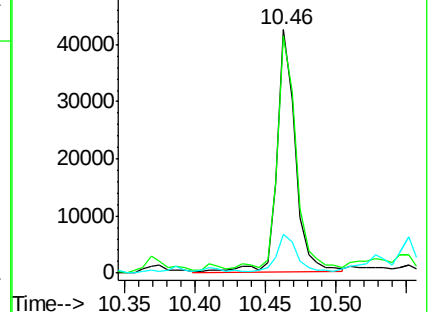
167 15.7 10.6 16.0

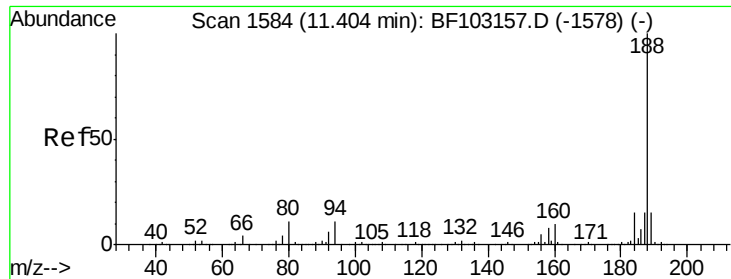


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

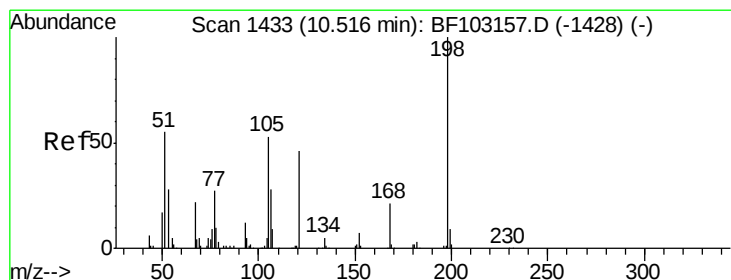
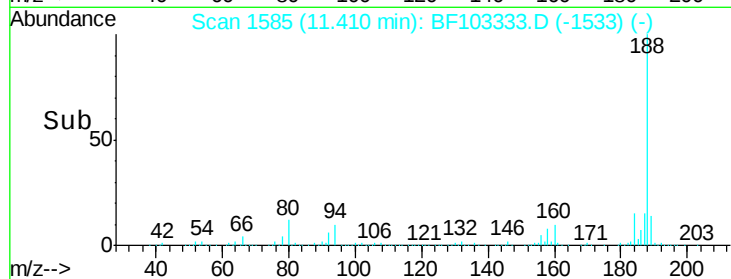
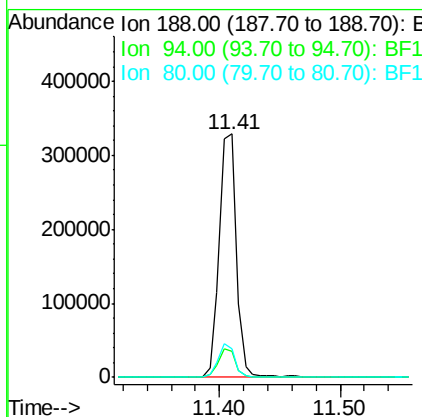
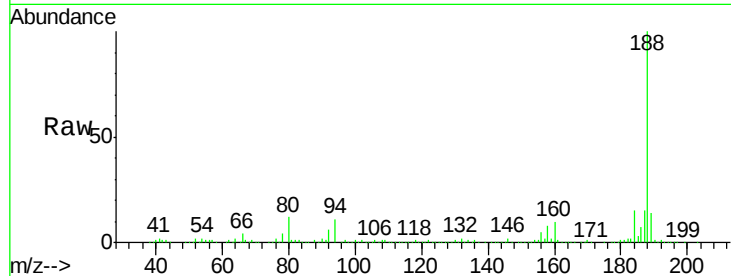




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. 0.01 min
 Lab File: BF103333.D
 Acq: 1 Mar 2018 13:42

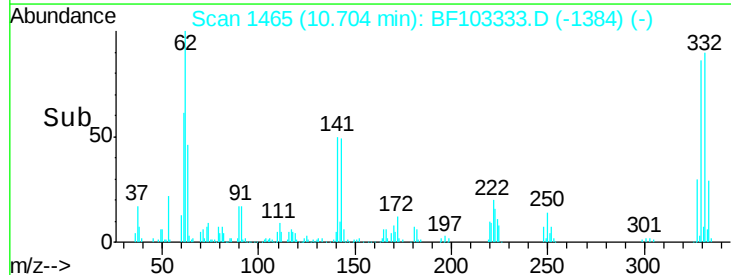
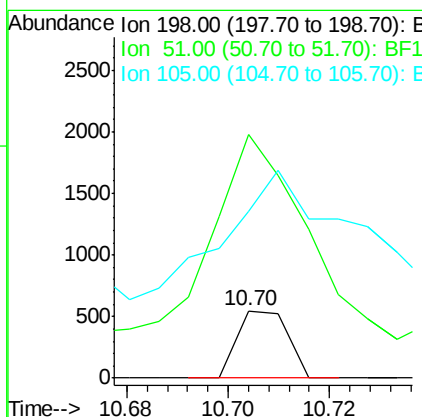
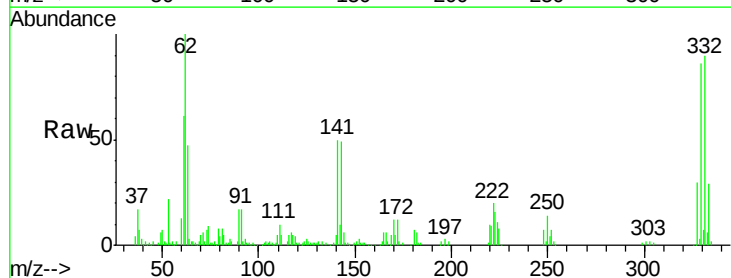
Instrument :
 BNA_F
 ClientSampleId :

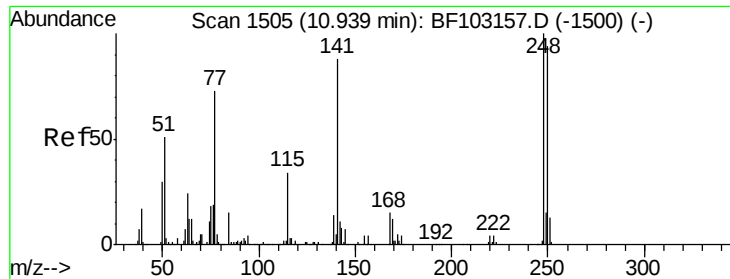
Tot Ion:188 Resp: 322578
 Ion Ratio Lower Upper
 188 100
 94 10.6 8.5 12.7
 80 11.8 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.119 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.18 min
 Lab File: BF103333.D
 Acq: 1 Mar 2018 13:42

Tgt Ion:198 Resp: 379
 Ion Ratio Lower Upper
 198 100
 51 360.3 37.7 77.7#
 105 246.3 36.3 76.3#

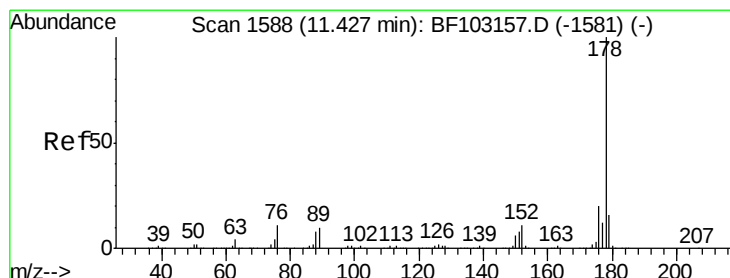
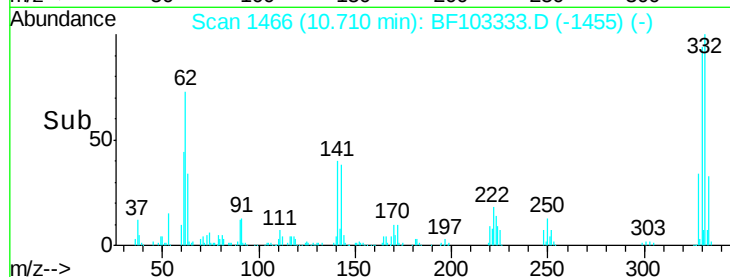
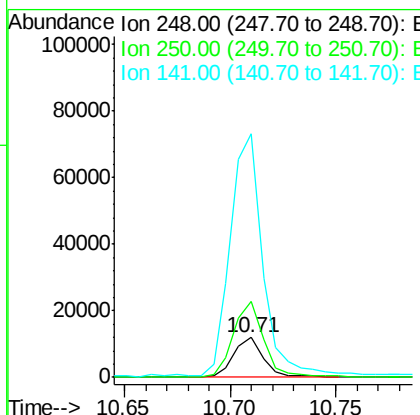
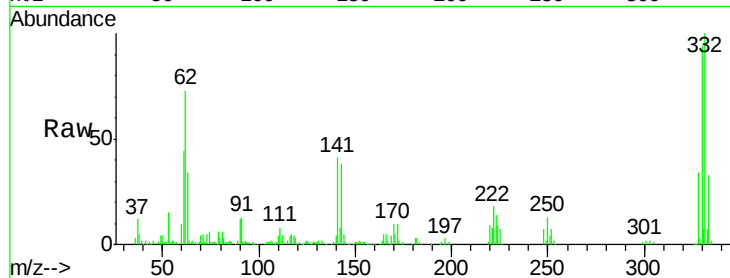




#66
 4-Bromophenyl-phenylether
 Concen: 3.459 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.24 min
 Lab File: BF103333.D
 Acq: 1 Mar 2018 13:42

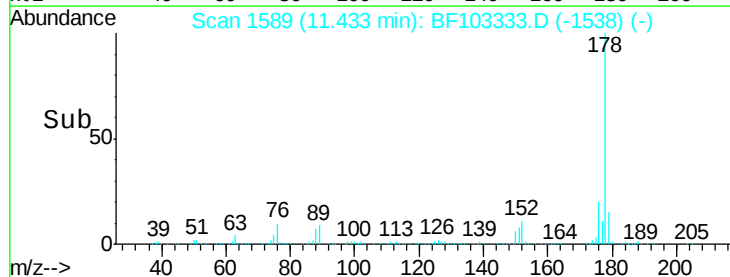
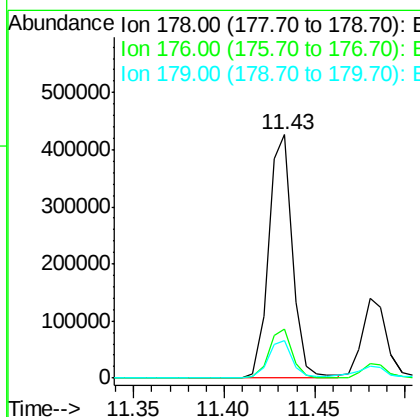
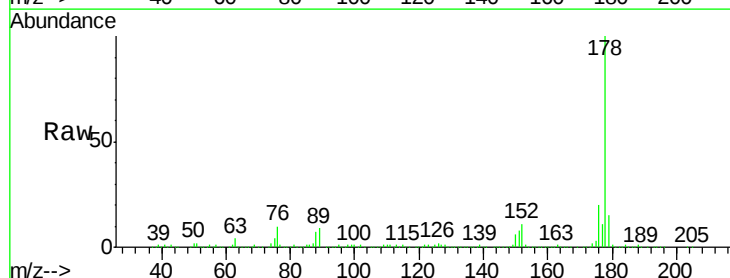
Instrument :
 BNA_F
 ClientSampled :

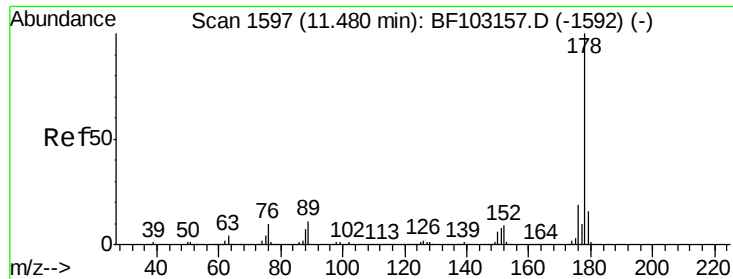
Tot Ion:248 Resp: 11623
 Ion Ratio Lower Upper
 248 100
 250 190.3 76.9 115.3#
 141 612.3 74.4 111.6#



#70
 Phenanthrene
 Concen: 21.855 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. 0.00 min
 Lab File: BF103333.D
 Acq: 1 Mar 2018 13:42

Tgt Ion:178 Resp: 387976
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.8 23.8
 179 15.2 13.0 19.6

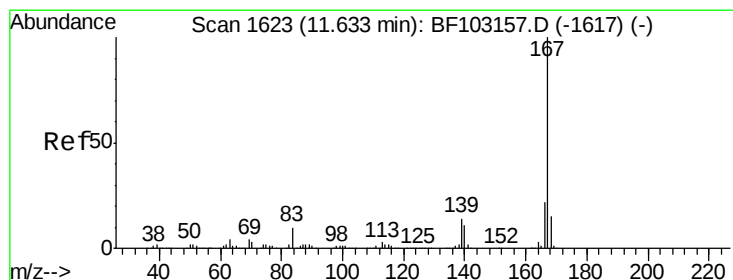
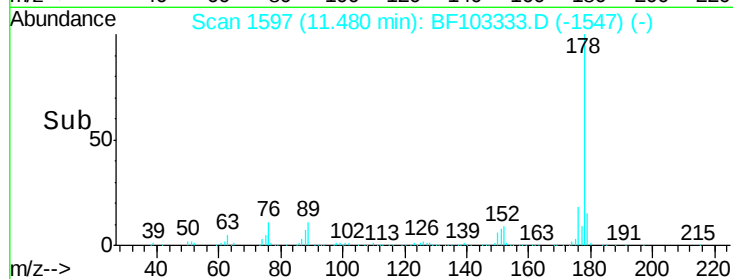
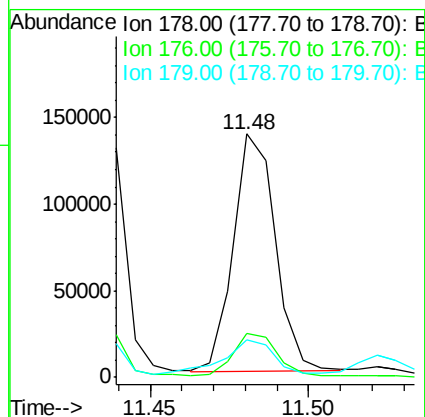
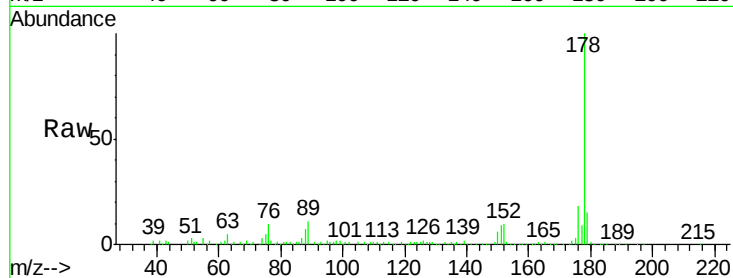




#71
 Anthracene
 Concen: 6.888 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF103333.D
 Acq: 1 Mar 2018 13:42

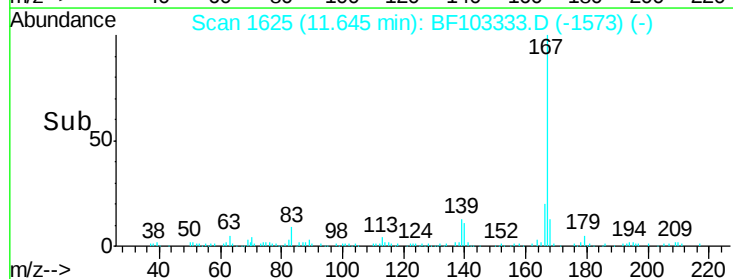
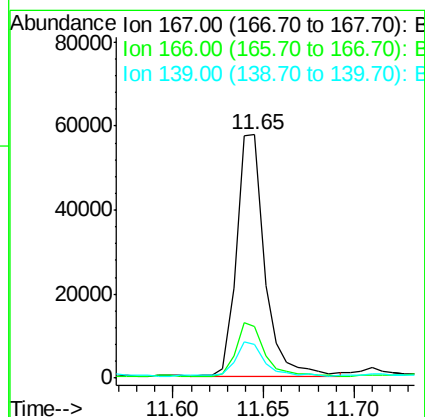
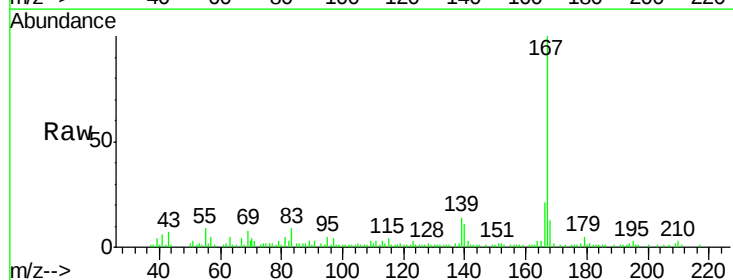
Instrument :
 BNA_F
 ClientSampleId :

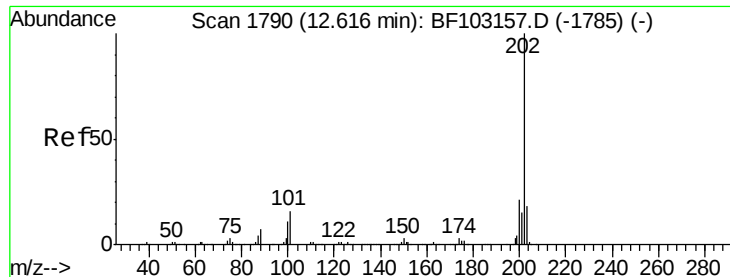
Tot Ion:178 Resp: 125395
 Ion Ratio Lower Upper
 178 100
 176 18.3 15.4 23.2
 179 15.3 12.6 19.0



#72
 Carbazole
 Concen: 3.437 ng
 RT: 11.65 min Scan# 1625
 Delta R.T. 0.01 min
 Lab File: BF103333.D
 Acq: 1 Mar 2018 13:42

Tgt Ion:167 Resp: 62314
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.6 26.4
 139 13.7 10.9 16.3





#74

Fluoranthene

Concen: 34.682 ng

RT: 12.63 min Scan# 1792

Delta R.T. 0.01 min

Lab File: BF103333.D

Acq: 1 Mar 2018 13:42

Instrument :

BNA_F

ClientSampleId :

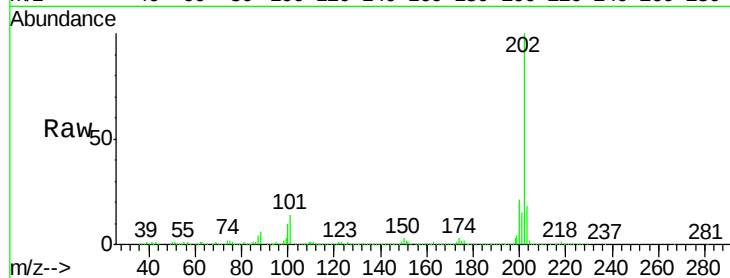
Tot Ion:202 Resp: 618705

Ion Ratio Lower Upper

202 100

101 14.0 0.0 34.1

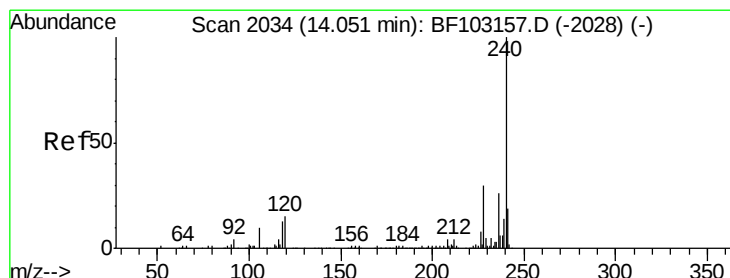
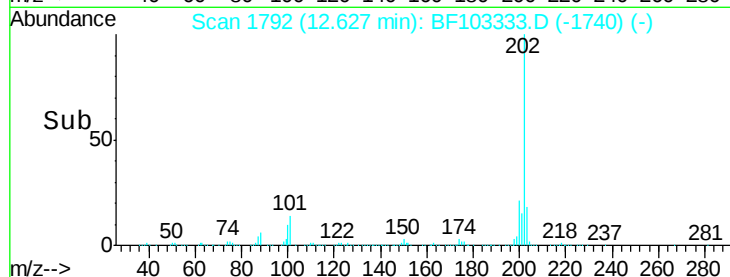
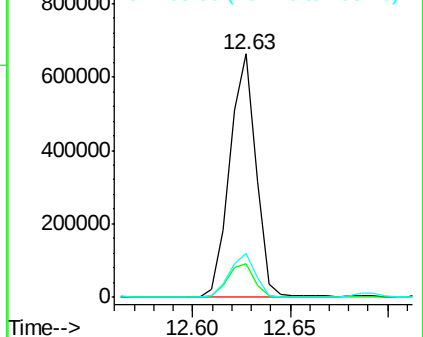
203 17.9 0.0 38.1



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2036

Delta R.T. 0.01 min

Lab File: BF103333.D

Acq: 1 Mar 2018 13:42

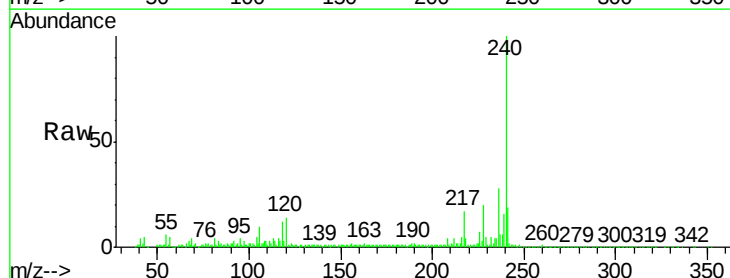
Tgt Ion:240 Resp: 237030

Ion Ratio Lower Upper

240 100

120 13.8 9.5 14.3

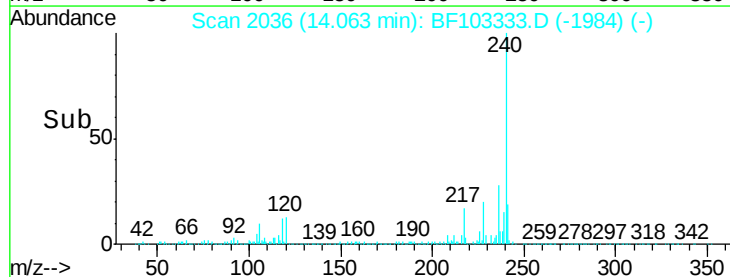
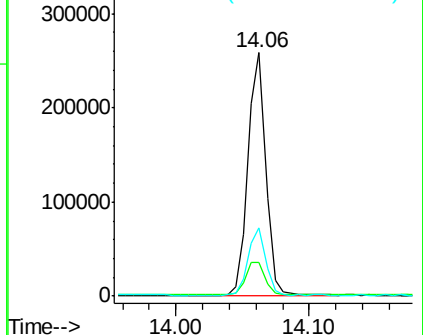
236 27.9 20.7 31.1

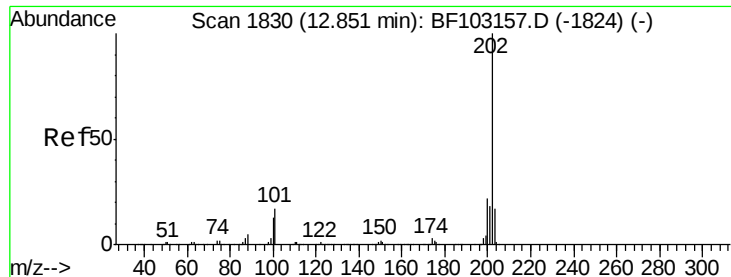


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 32.861 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BF103333.D

Acq: 1 Mar 2018 13:42

Instrument :

BNA_F

ClientSampleId :

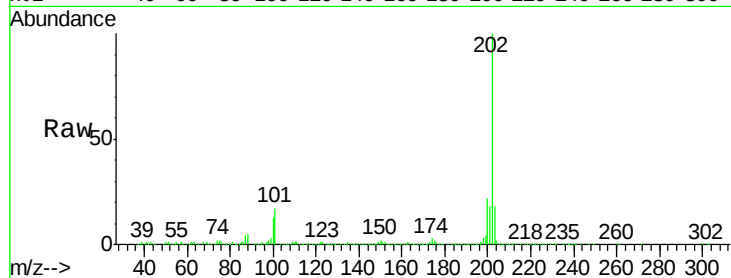
Tot Ion:202 Resp: 607278

Ion Ratio Lower Upper

202 100

200 22.2 17.4 26.2

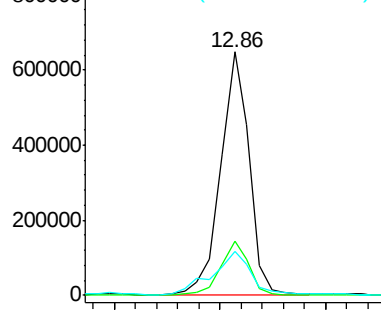
203 18.2 14.3 21.5



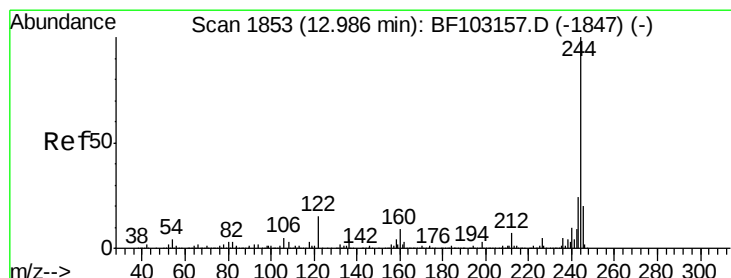
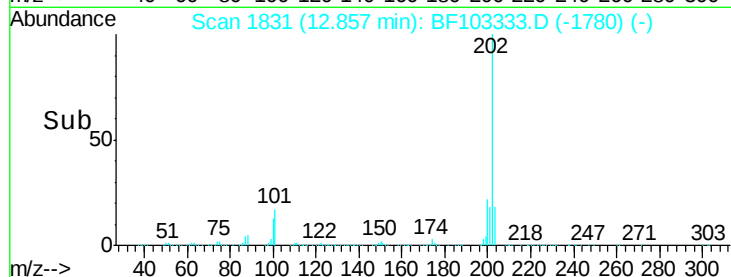
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#78

Terphenyl-d14

Concen: 68.495 ng

RT: 12.99 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BF103333.D

Acq: 1 Mar 2018 13:42

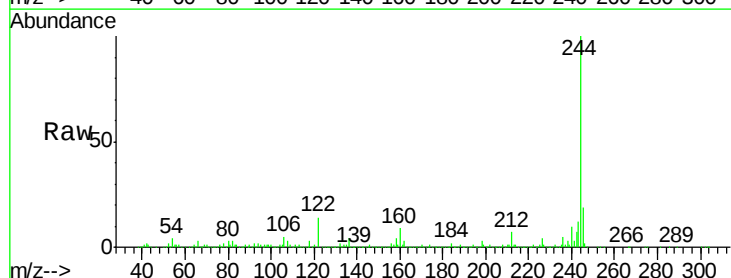
Tgt Ion:244 Resp: 675382

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

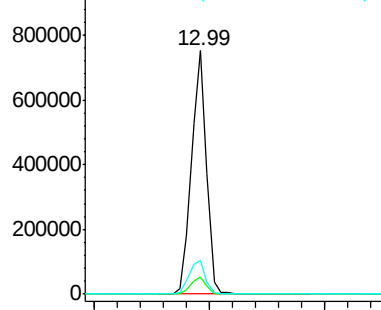
122 14.1 11.0 16.4



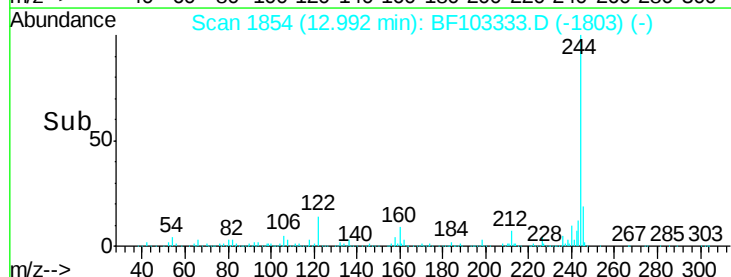
Abundance Ion 244.00 (243.70 to 244.70): E

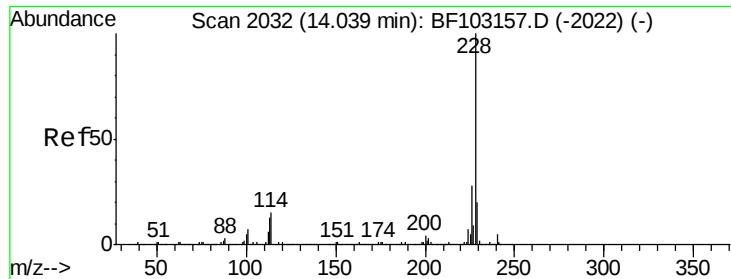
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->

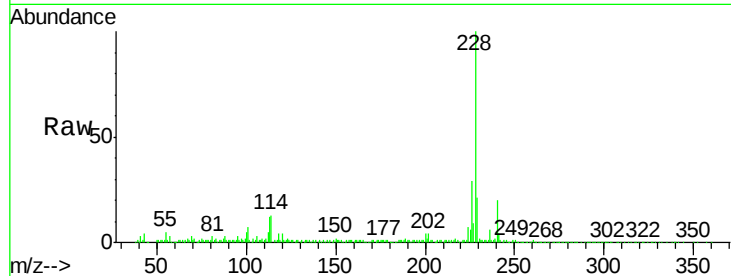




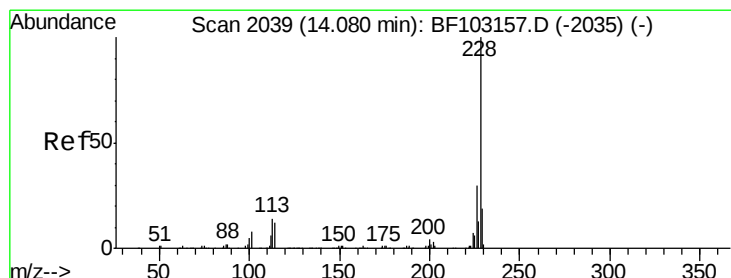
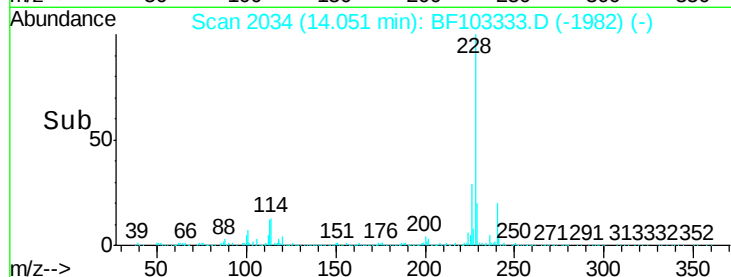
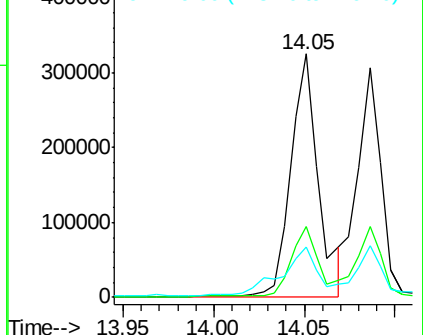
#80
Benzo(a)anthracene
Concen: 22.474 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.01 min
Lab File: BF103333.D
Acq: 1 Mar 2018 13:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 345638
Ion Ratio Lower Upper
228 100
226 28.8 22.6 33.8
229 20.5 15.8 23.6

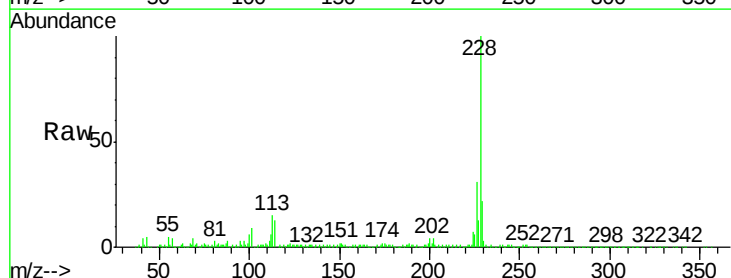


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

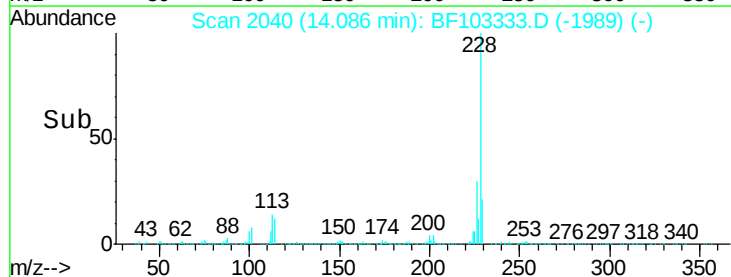
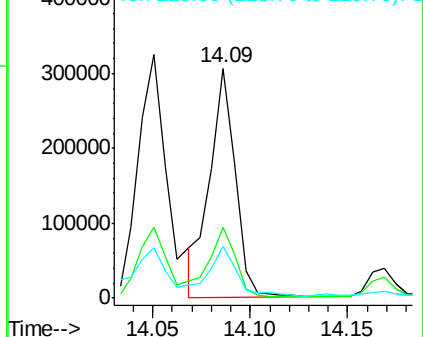


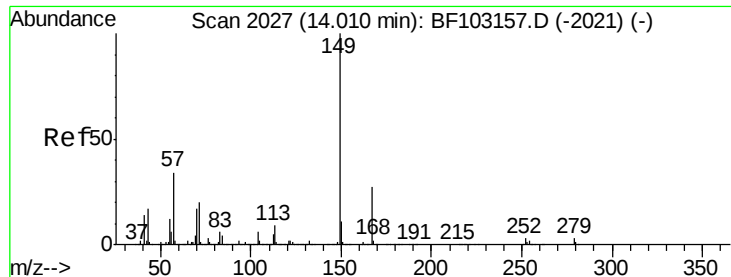
#82
Chrysene
Concen: 18.747 ng
RT: 14.09 min Scan# 2040
Delta R.T. 0.00 min
Lab File: BF103333.D
Acq: 1 Mar 2018 13:42

Tgt Ion:228 Resp: 279954
Ion Ratio Lower Upper
228 100
226 30.7 25.0 37.6
229 22.4 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

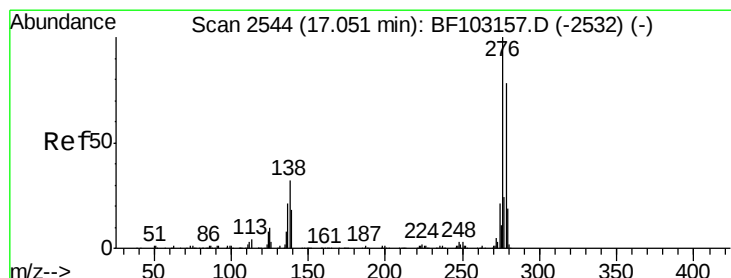
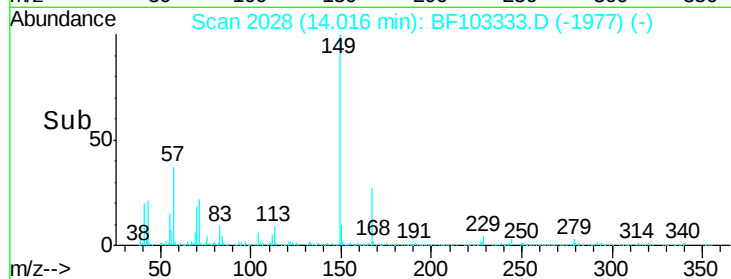
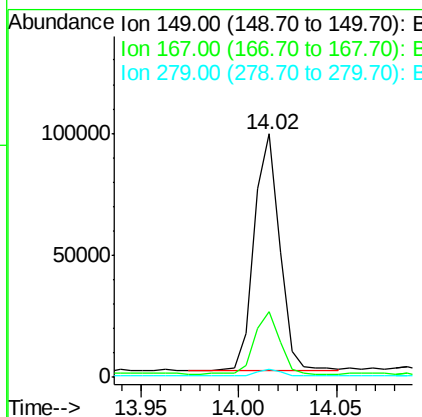
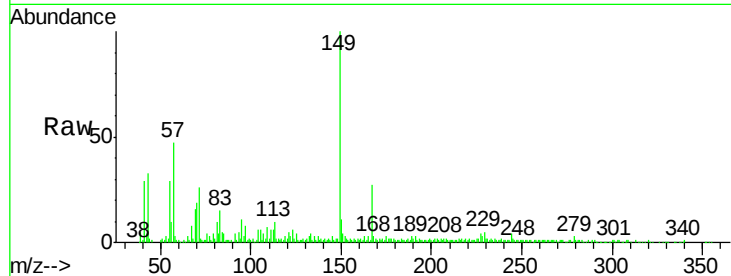




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 6.706 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: BF103333.D
 Acq: 1 Mar 2018 13:42

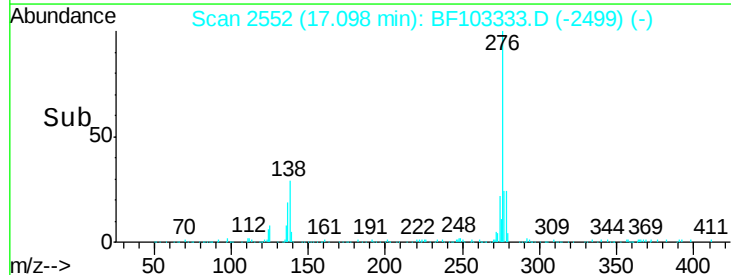
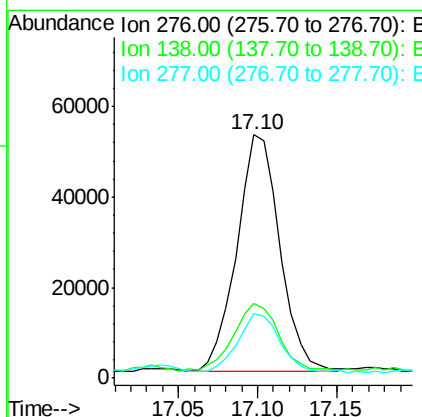
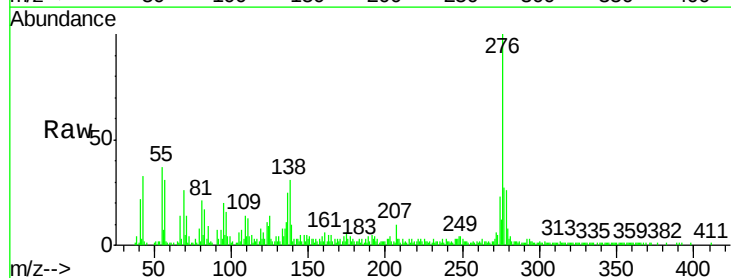
Instrument :
 BNA_F
 ClientSampleId :

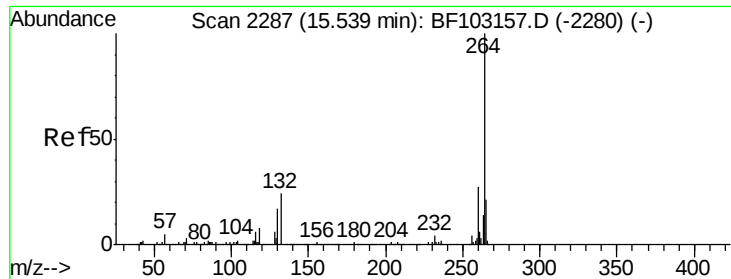
Tot Ion:149 Resp: 88355
 Ion Ratio Lower Upper
 149 100
 167 27.2 21.3 31.9
 279 3.1 3.0 4.4



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 8.314 ng
 RT: 17.10 min Scan# 2552
 Delta R.T. 0.01 min
 Lab File: BF103333.D
 Acq: 1 Mar 2018 13:42

Tgt Ion:276 Resp: 98286
 Ion Ratio Lower Upper
 276 100
 138 29.7 25.0 37.6
 277 23.9 20.1 30.1

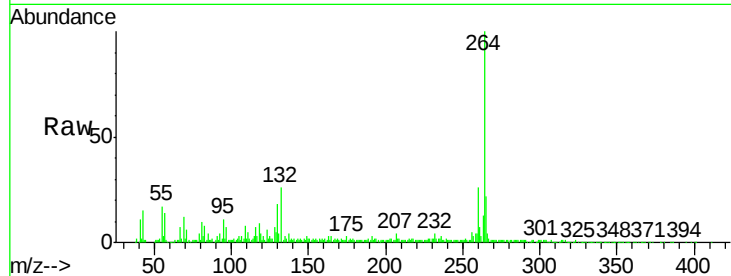




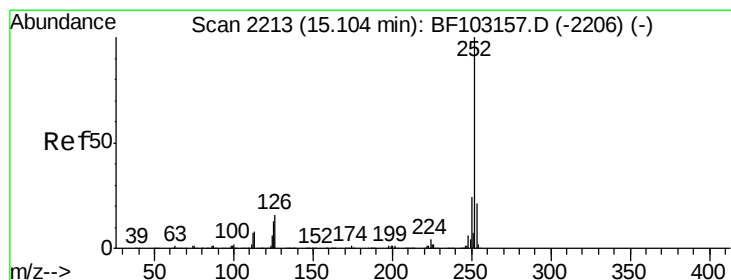
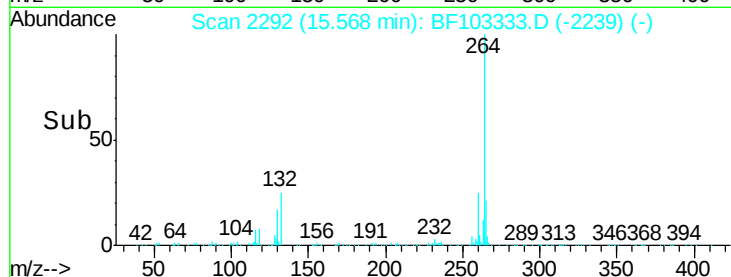
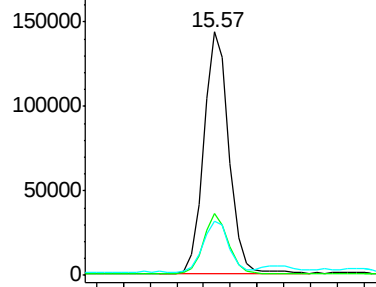
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. 0.01 min
Lab File: BF103333.D
Acq: 1 Mar 2018 13:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 187543
Ion Ratio Lower Upper
264 100
260 25.5 19.2 28.8
265 22.0 17.5 26.3

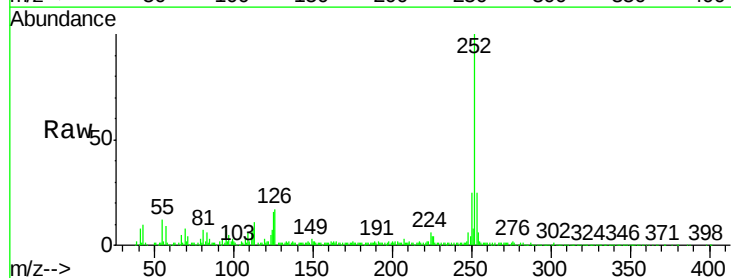


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

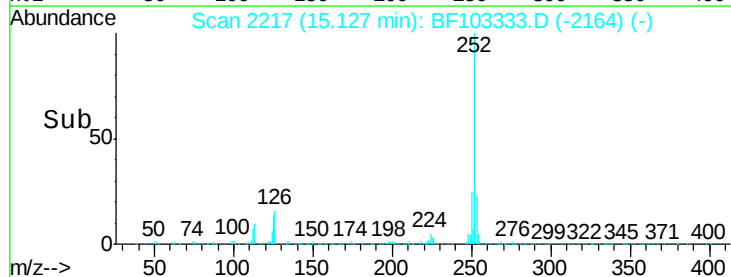
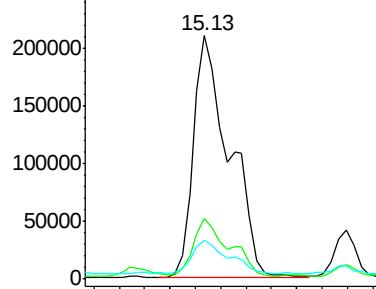


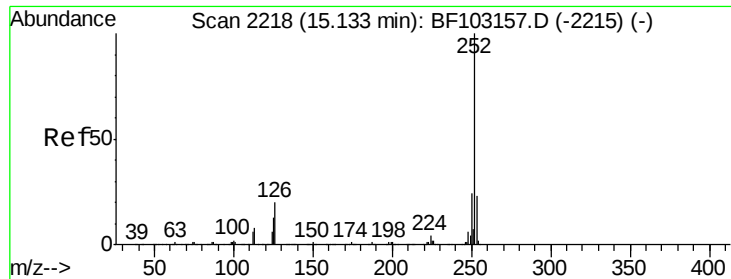
#87
Benzo(b)fluoranthene
Concen: 33.583 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF103333.D
Acq: 1 Mar 2018 13:42

Tgt Ion:252 Resp: 414102
Ion Ratio Lower Upper
252 100
253 24.7 17.0 25.6
125 16.0 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

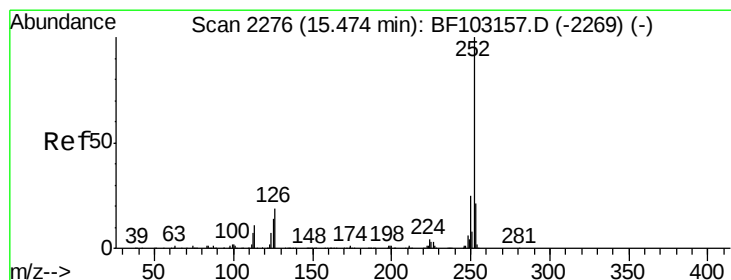
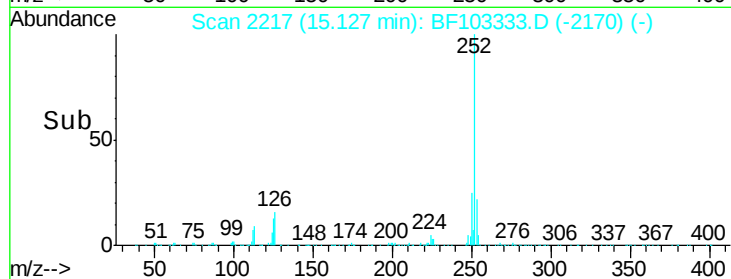
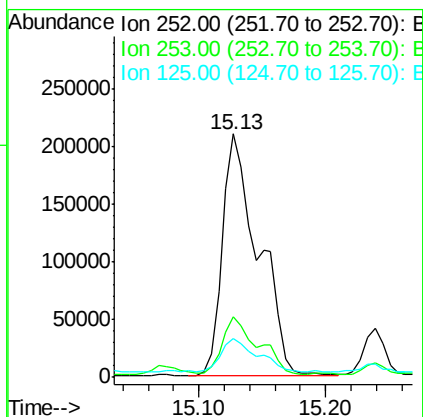
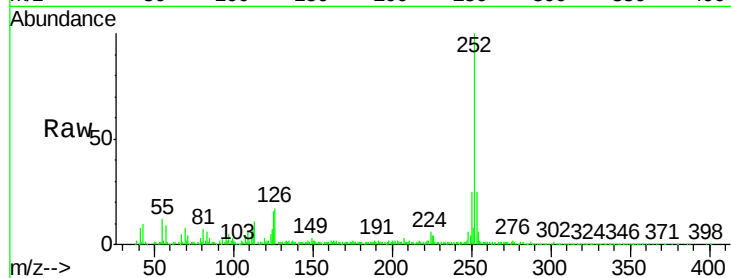




#88
Benzo(k)fluoranthene
Concen: 35.663 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.02 min
Lab File: BF103333.D
Acq: 1 Mar 2018 13:42

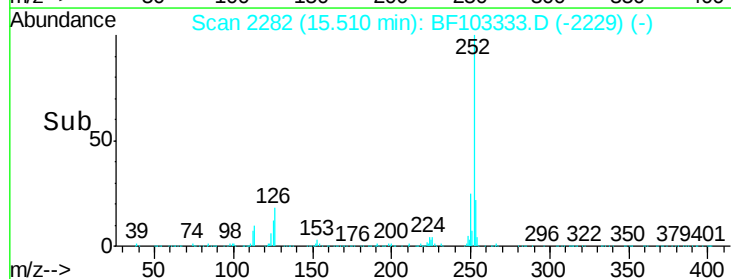
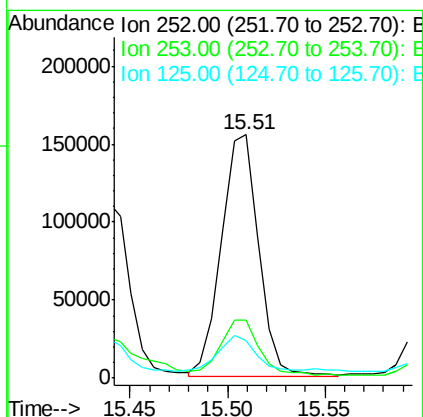
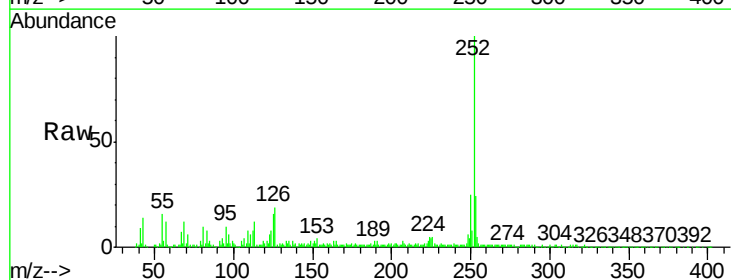
Instrument :
BNA_F
ClientSampleId :

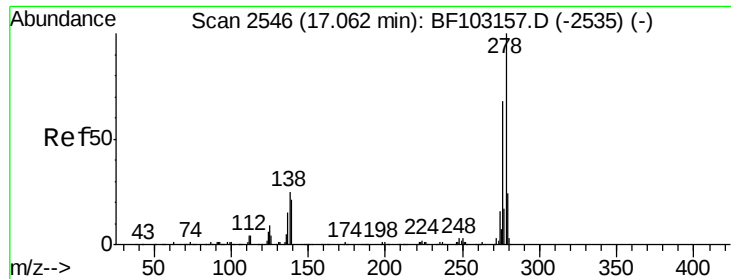
Tot Ion:252 Resp: 414102
Ion Ratio Lower Upper
252 100
253 24.7 17.9 26.9
125 16.0 10.2 15.2#



#89
Benzo(a)pyrene
Concen: 18.612 ng
RT: 15.51 min Scan# 2282
Delta R.T. 0.01 min
Lab File: BF103333.D
Acq: 1 Mar 2018 13:42

Tgt Ion:252 Resp: 204940
Ion Ratio Lower Upper
252 100
253 23.9 17.1 25.7
125 15.6 9.8 14.6#





#90

Dibenzo(a,h)anthracene

Concen: 3.070 ng

RT: 17.10 min Scan# 2552

Delta R.T. 0.01 min

Lab File: BF103333.D

Acq: 1 Mar 2018 13:42

Instrument :

BNA_F

ClientSampleId :

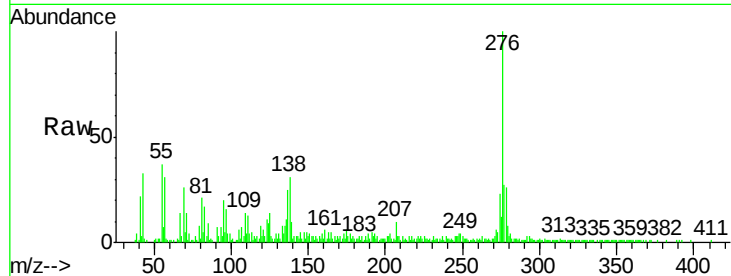
Tot Ion:278 Resp: 26121

Ion Ratio Lower Upper

278 100

139 36.8 15.9 23.9#

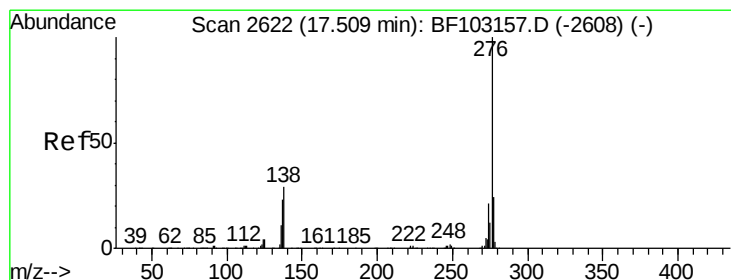
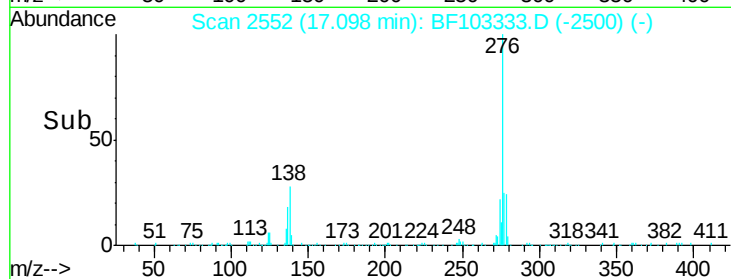
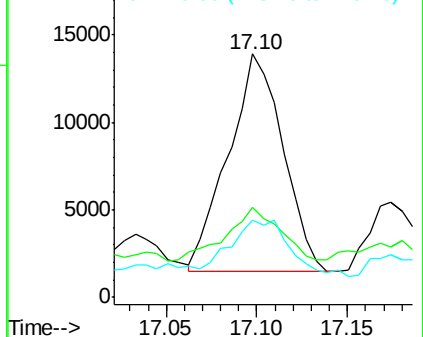
279 31.8 19.0 28.4#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 11.498 ng

RT: 17.57 min Scan# 2632

Delta R.T. 0.03 min

Lab File: BF103333.D

Acq: 1 Mar 2018 13:42

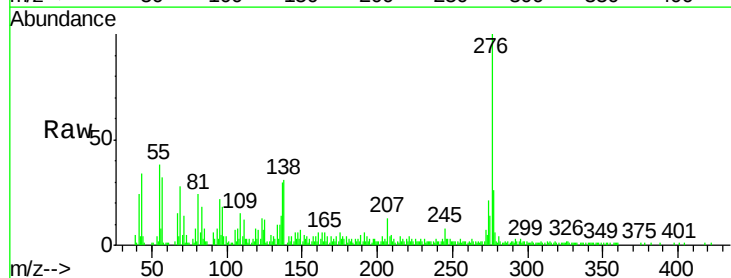
Tgt Ion:276 Resp: 95613

Ion Ratio Lower Upper

276 100

277 26.0 17.9 26.9

138 31.5 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

