

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030518\
 Data File : BF103415.D
 Acq On : 5 Mar 2018 18:17
 Operator : SJ/JU
 Sample : J1751-05
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 05 23:51:57 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 05 13:40:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	154673	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	632390	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	278724	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	446491	20.00	ng	0.00
75) Chrysene-d12	14.07	240	251299	20.00	ng	0.00
86) Perylene-d12	15.59	264	239463	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1116454	109.17	ng	0.00
7) Phenol-d6	6.52	99	1288299	102.95	ng	0.00
23) Nitrobenzene-d5	7.44	82	776736	70.14	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	204738	86.78	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1034396	59.39	ng	0.00
78) Terphenyl-d14	13.00	244	762715	72.96	ng	0.00

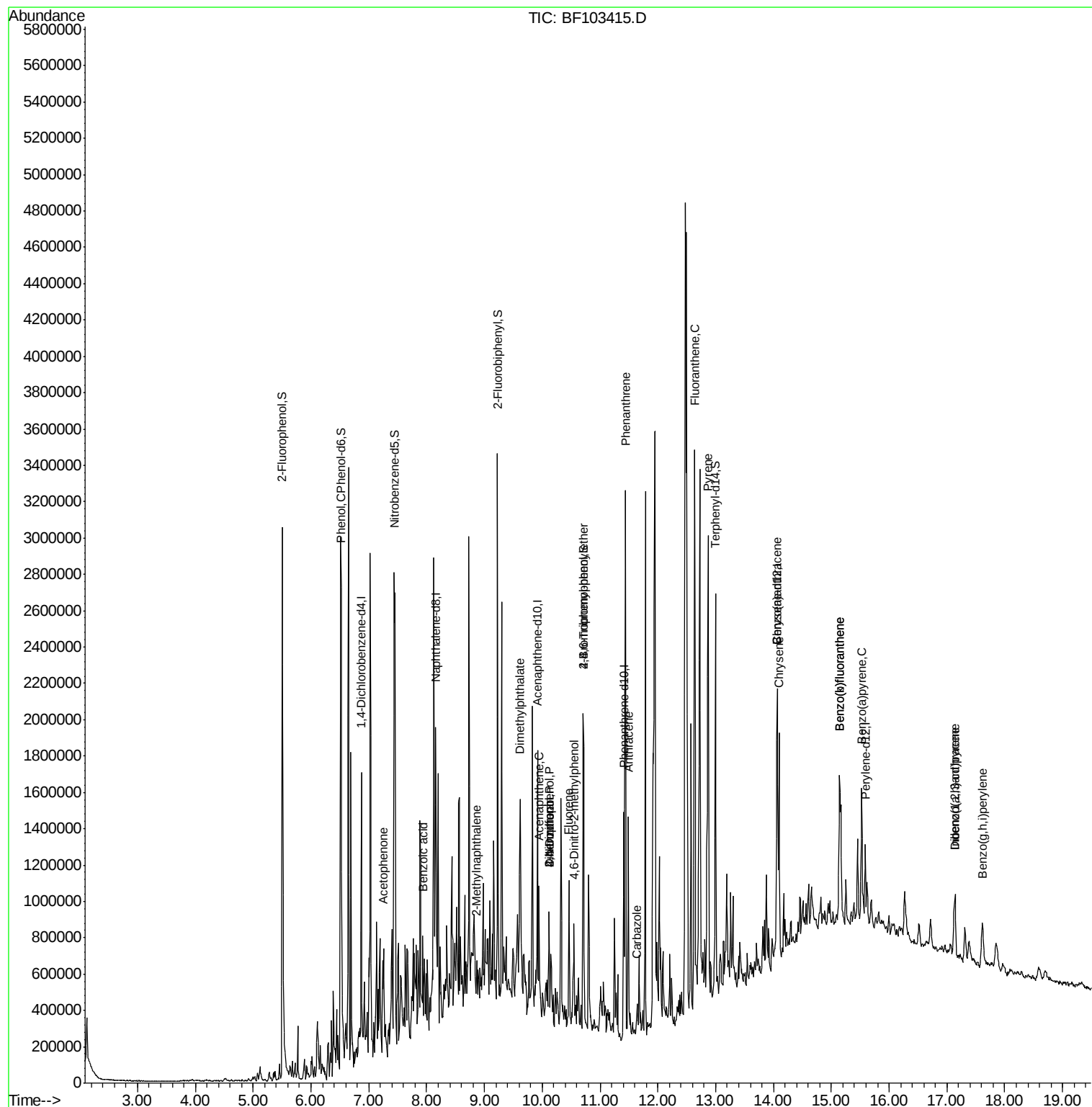
Target Compounds				Qvalue		
9) Benzaldehyde	6.42	77	4431	Below Cal	#	1
10) Phenol	6.53	94	56100	3.862 ng	#	56
22) Acetophenone	7.26	105	84403	5.718 ng	#	61
32) Benzoic acid	7.94	122	3260	7.342 ng	#	50
37) 2-Methylnaphthalene	8.87	142	58308	2.914 ng		95
49) Dimethylphthalate	9.62	163	208607	9.330 ng		99
51) Acenaphthene	9.95	154	129557	7.815 ng		97
53) 2,4-Dinitrophenol	10.12	184	137	9.692 ng	#	1
54) Dibenzofuran	10.12	168	123737	5.437 ng		97
55) 4-Nitrophenol	10.12	139	50635	13.724 ng	#	18
57) Fluorene	10.46	166	212403	10.957 ng		97
64) 4,6-Dinitro-2-methylphenol	10.55	198	111	4.982 ng	#	1
66) 4-Bromophenyl-phenylether	10.71	248	13573	2.918 ng	#	1
70) Phenanthrene	11.44	178	1166061	47.455 ng		99
71) Anthracene	11.49	178	417982	16.589 ng		99
72) Carbazole	11.65	167	53381	2.127 ng		98
74) Fluoranthene	12.64	202	1284230	52.010 ng		98
77) Pyrene	12.87	202	1199522	61.223 ng		99
80) Benzo(a)anthracene	14.06	228	570111	34.965 ng		97
82) Chrysene	14.10	228	491484	31.044 ng		97
85) Indeno(1,2,3-cd)pyrene	17.14	276	227963	18.188 ng		96
87) Benzo(b)fluoranthene	15.14	252	760897	48.328 ng	#	94
88) Benzo(k)fluoranthene	15.14	252	760897	51.322 ng		97
89) Benzo(a)pyrene	15.53	252	423986	30.156 ng		95
90) Dibenzo(a,h)anthracene	17.13	278	61319	5.644 ng	#	78
91) Benzo(g,h,i)perylene	17.62	276	208021	19.591 ng		94

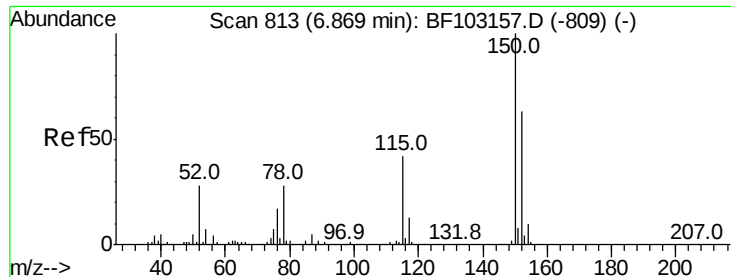
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
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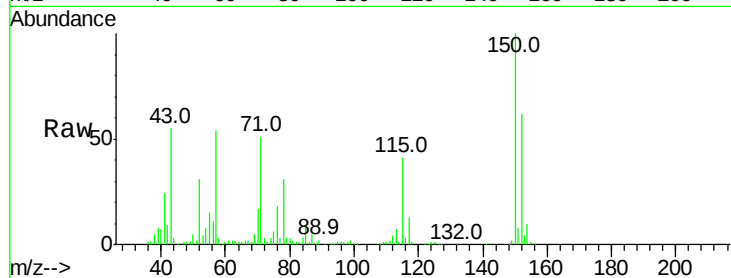


#1

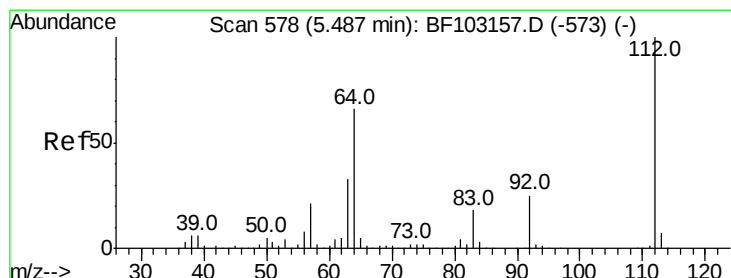
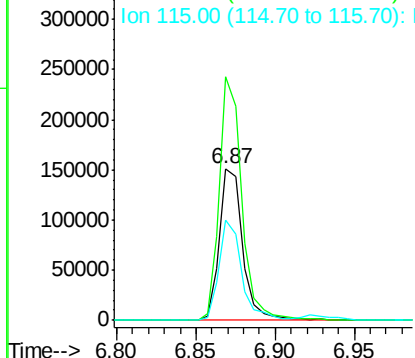
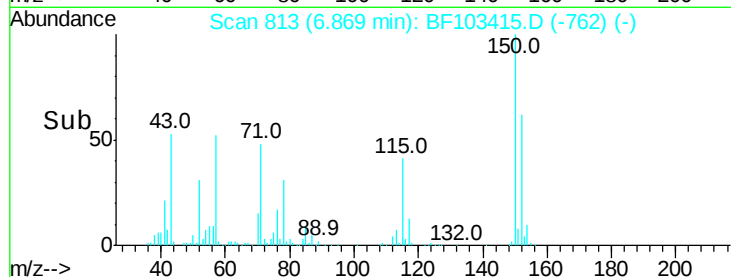
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF103415.D
Acq: 5 Mar 2018 18:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 154673
Ion Ratio Lower Upper
152 100
150 160.3 124.6 186.8
115 66.2 50.1 75.1



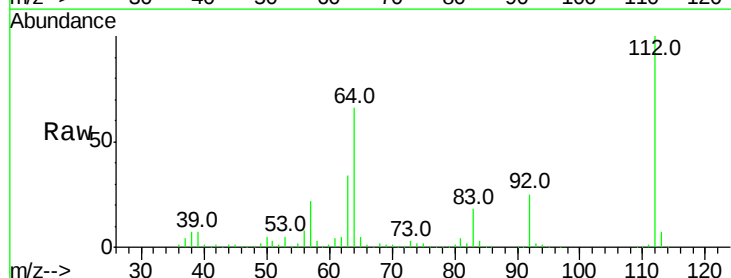
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



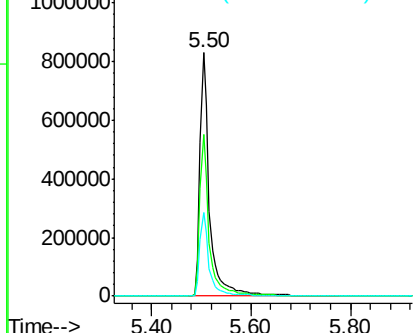
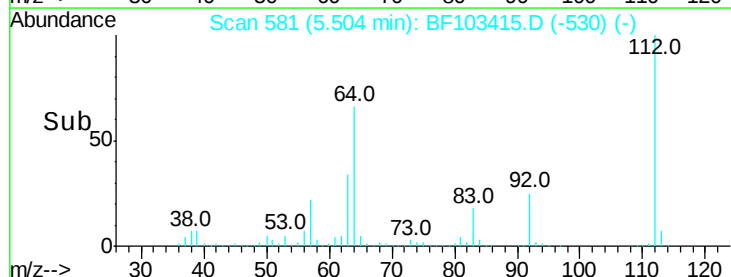
#5

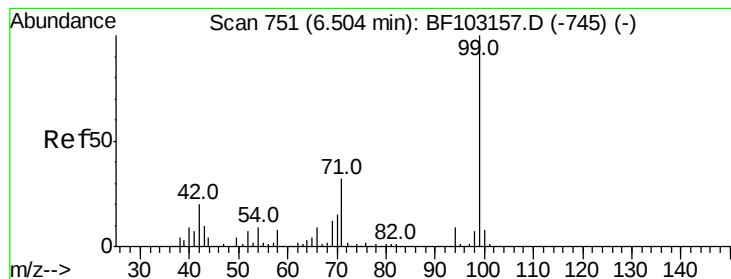
2-Fluorophenol
Concen: 109.169 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.00 min
Lab File: BF103415.D
Acq: 5 Mar 2018 18:17

Tgt Ion:112 Resp: 1116454
Ion Ratio Lower Upper
112 100
64 66.2 47.9 71.9
63 34.3 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: 102.948 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF103415.D

Acq: 5 Mar 2018 18:17

Instrument :

BNA_F

ClientSampleId :

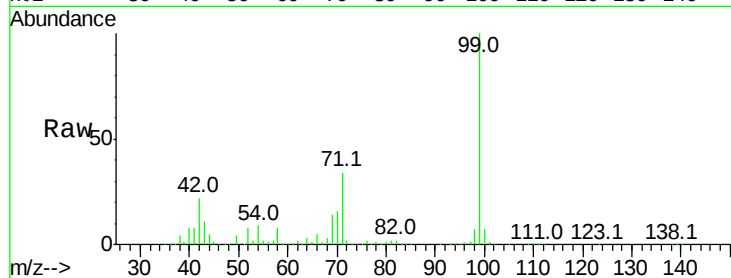
Tot Ion: 99 Resp: 1288299

Ion Ratio Lower Upper

99 100

42 21.7 14.5 21.7

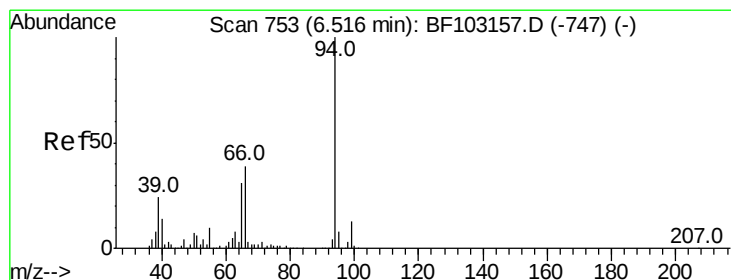
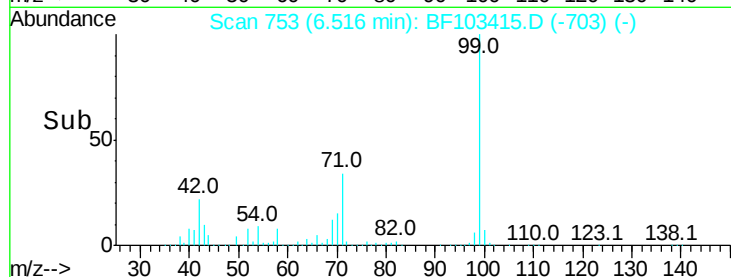
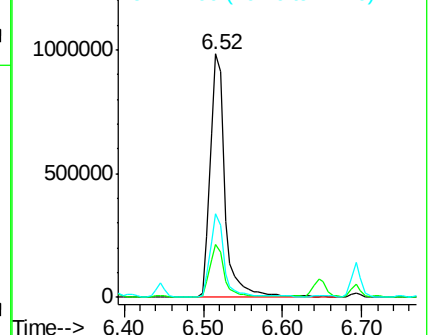
71 34.1 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 3.862 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF103415.D

Acq: 5 Mar 2018 18:17

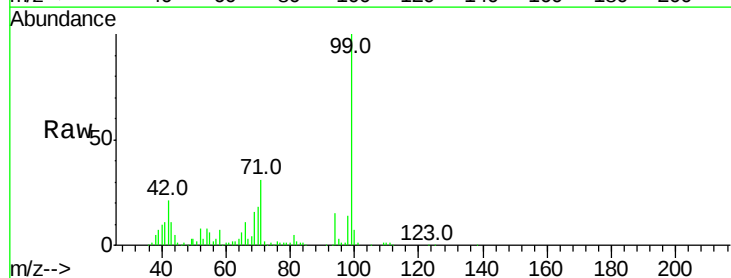
Tgt Ion: 94 Resp: 56100

Ion Ratio Lower Upper

94 100

65 38.6 7.9 47.9

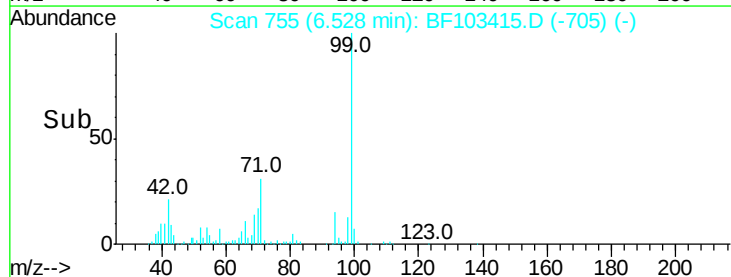
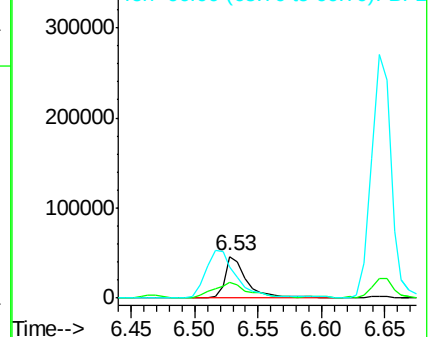
66 73.2 16.2 56.2#

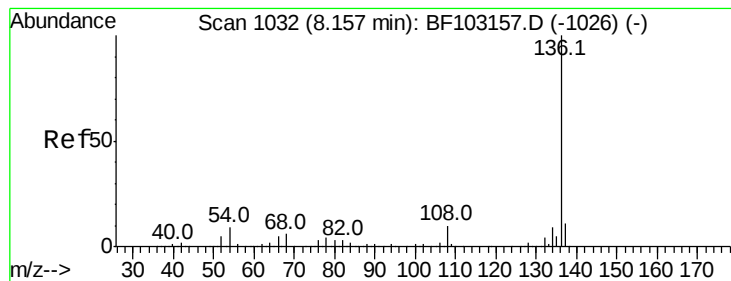


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF103415.D

Acq: 5 Mar 2018 18:17

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 632390

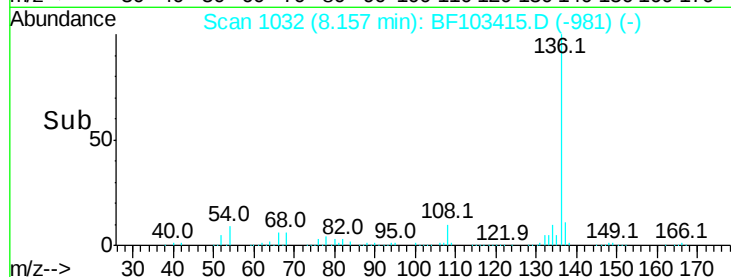
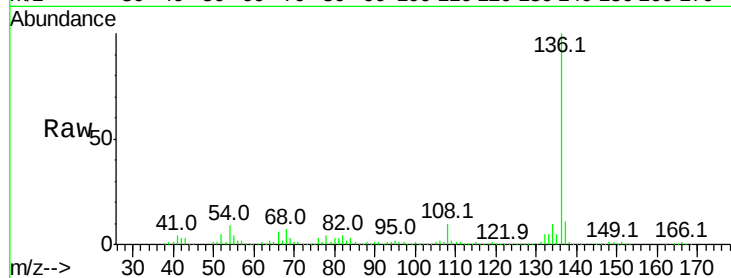
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 9.4 6.6 9.8

68 7.0 5.0 7.4

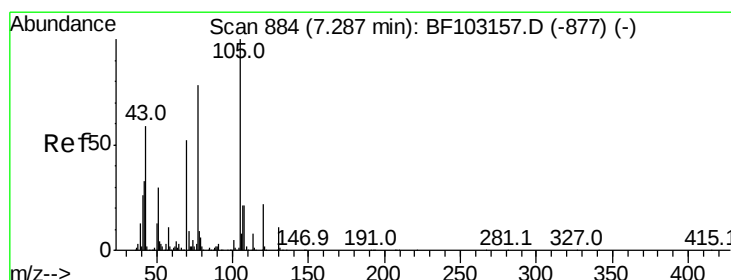
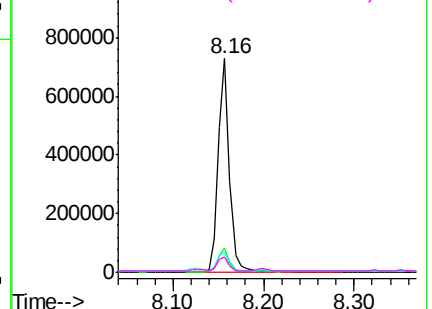


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 5.718 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.03 min

Lab File: BF103415.D

Acq: 5 Mar 2018 18:17

Tgt Ion:105 Resp: 84403

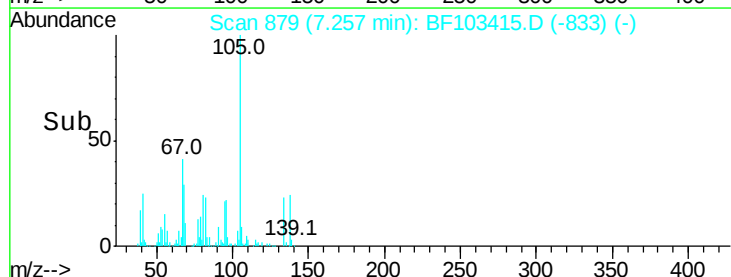
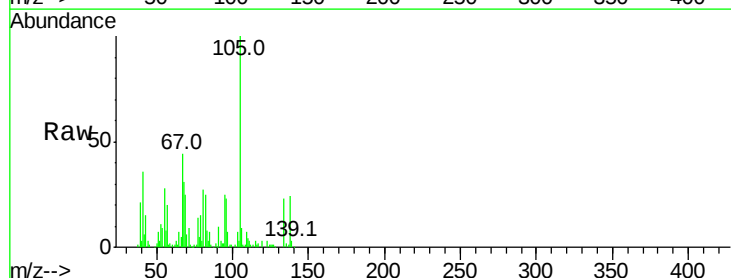
Ion Ratio Lower Upper

105 100

71 8.8 4.4 6.6#

51 6.8 22.3 33.5#

120 0.0 16.9 25.3#

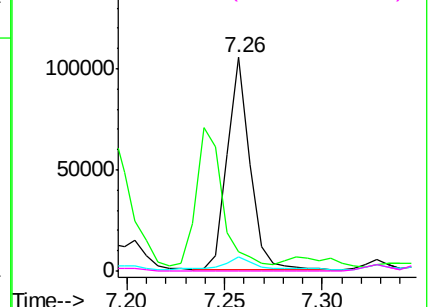


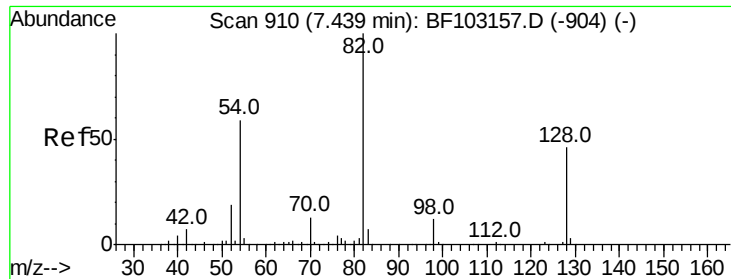
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

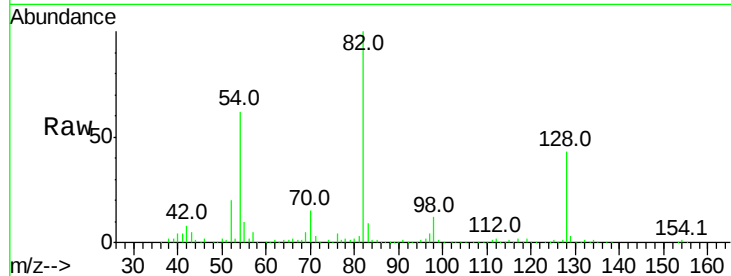




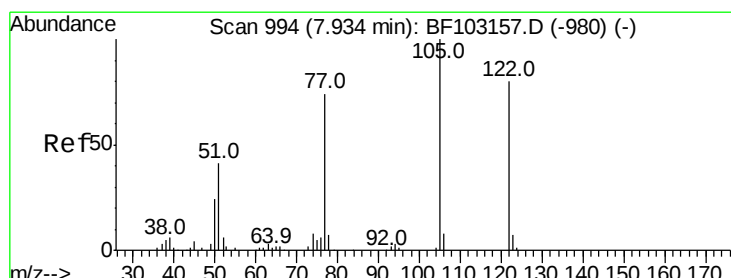
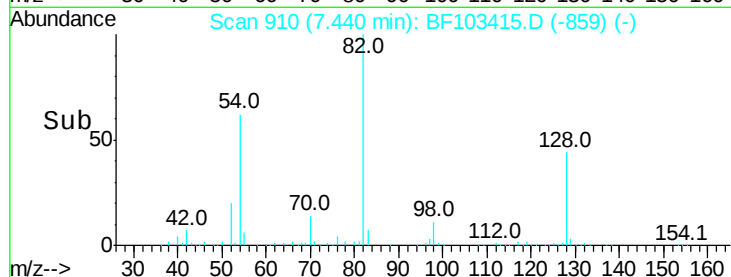
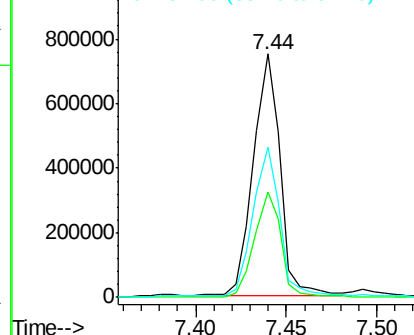
#23
 Nitrobenzene-d5
 Concen: 70.144 ng
 RT: 7.44 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: BF103415.D
 Acq: 5 Mar 2018 18:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 776736
 Ion Ratio Lower Upper
 82 100
 128 43.4 36.1 54.1
 54 61.6 41.4 62.2

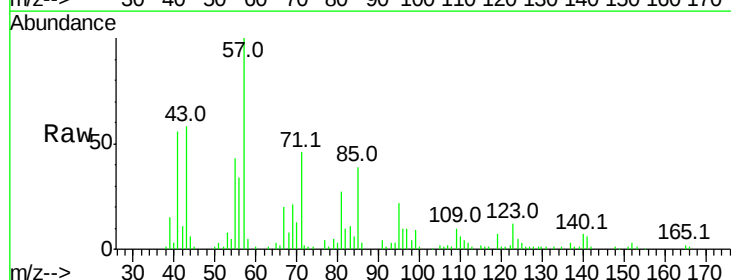


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

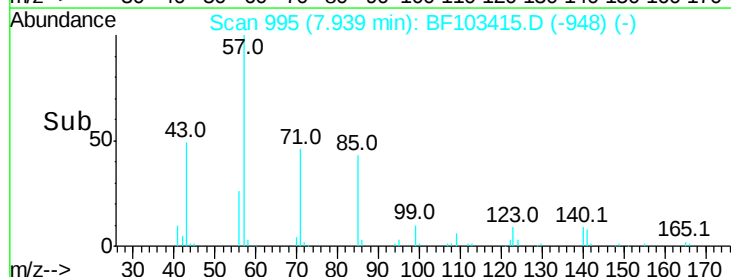
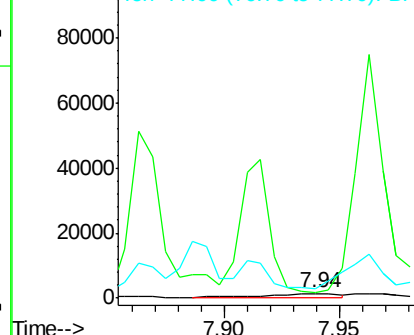


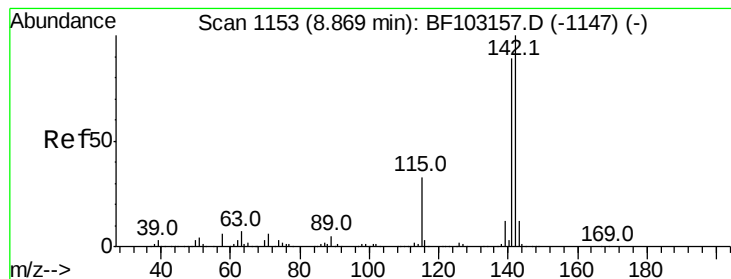
#32
 Benzoic acid
 Concen: 7.342 ng
 RT: 7.94 min Scan# 995
 Delta R.T. -0.02 min
 Lab File: BF103415.D
 Acq: 5 Mar 2018 18:17

Tgt Ion:122 Resp: 3260
 Ion Ratio Lower Upper
 122 100
 105 117.1 101.1 141.1
 77 196.9 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

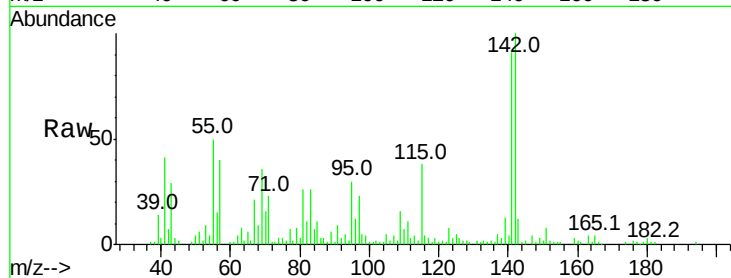




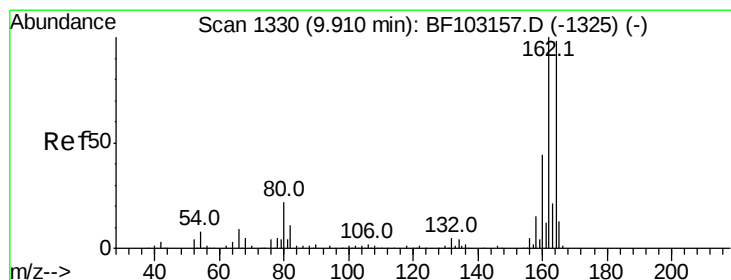
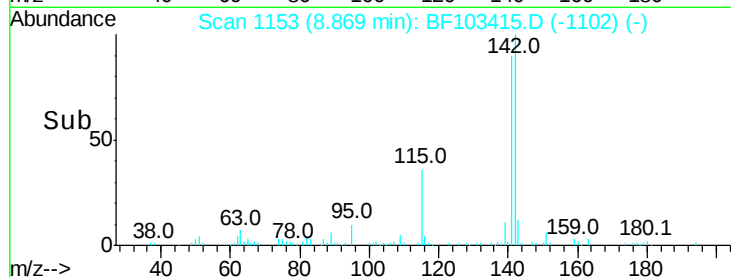
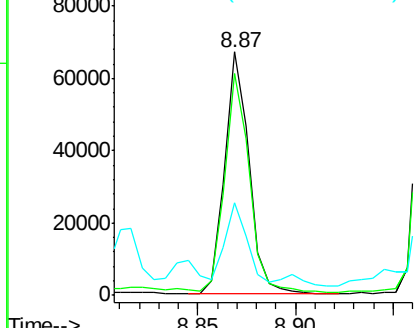
#37
2-Methylnaphthalene
Concen: 2.914 ng
RT: 8.87 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF103415.D
Acq: 5 Mar 2018 18:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 58308
Ion Ratio Lower Upper
142 100
141 91.3 70.8 106.2
115 37.9 26.1 39.1

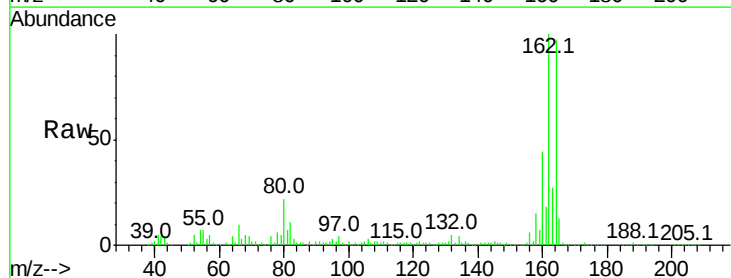


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

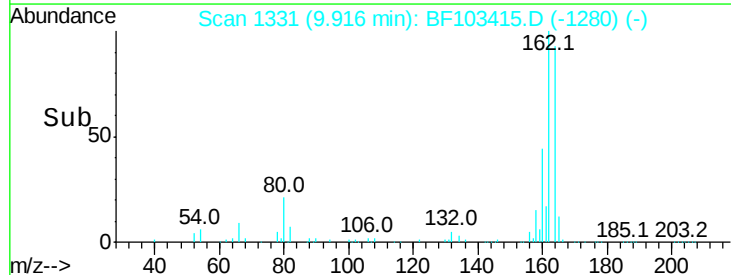
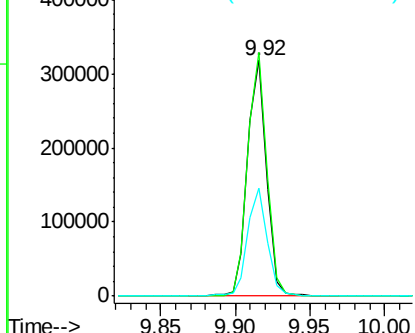


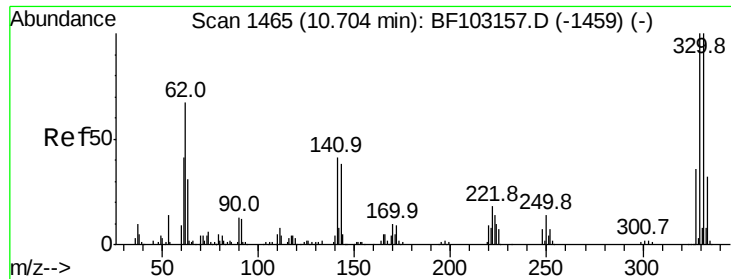
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF103415.D
Acq: 5 Mar 2018 18:17

Tgt Ion:164 Resp: 278724
Ion Ratio Lower Upper
164 100
162 103.3 86.1 129.1
160 45.6 38.3 57.5



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

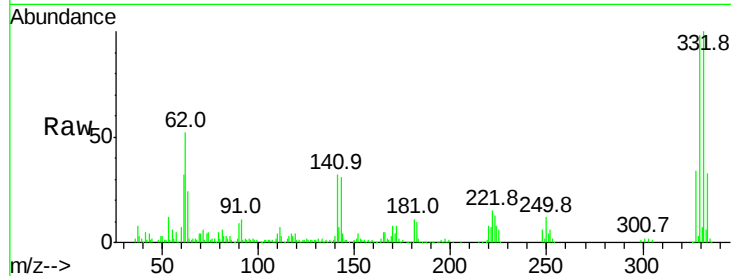




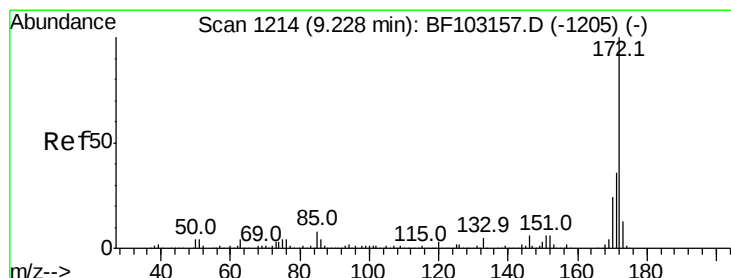
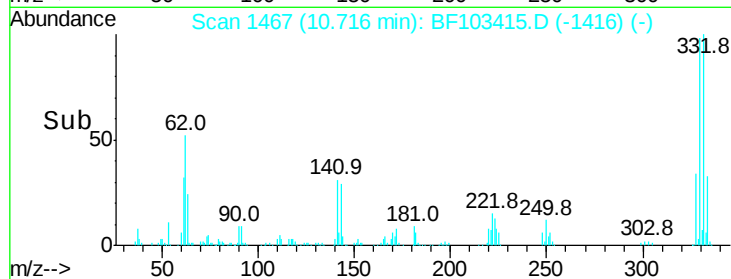
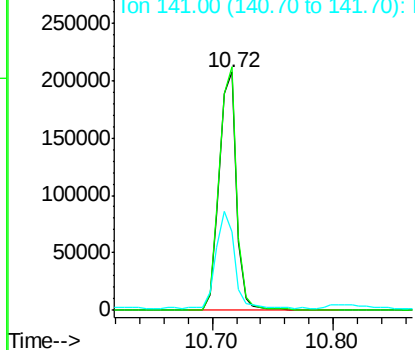
#41
 2,4,6-Tribromophenol
 Concen: 86.781 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: BF103415.D
 Acq: 5 Mar 2018 18:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 204738
 Ion Ratio Lower Upper
 330 100
 332 102.3 77.0 115.6
 141 42.7 29.9 44.9

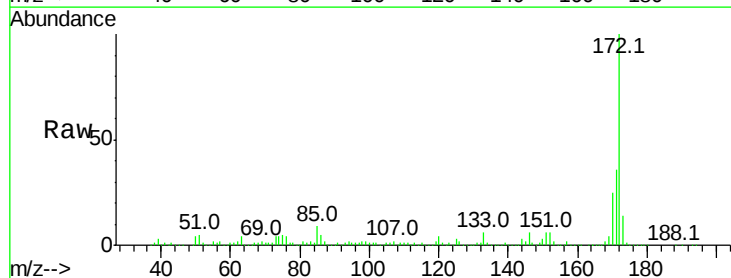


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

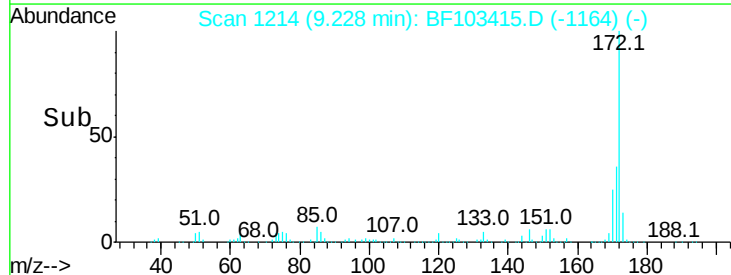
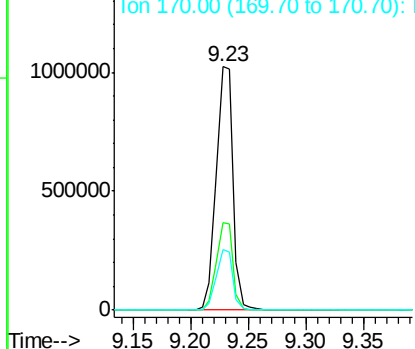


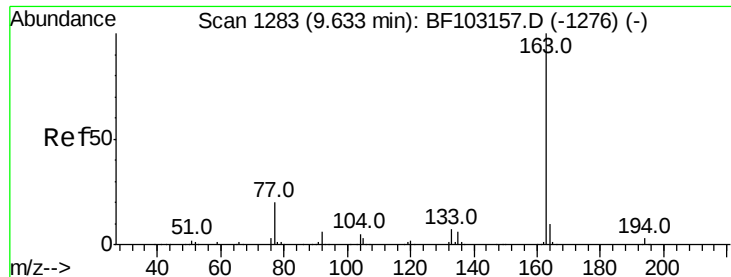
#44
 2-Fluorobiphenyl
 Concen: 59.390 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF103415.D
 Acq: 5 Mar 2018 18:17

Tgt Ion:172 Resp: 1034396
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 24.8 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

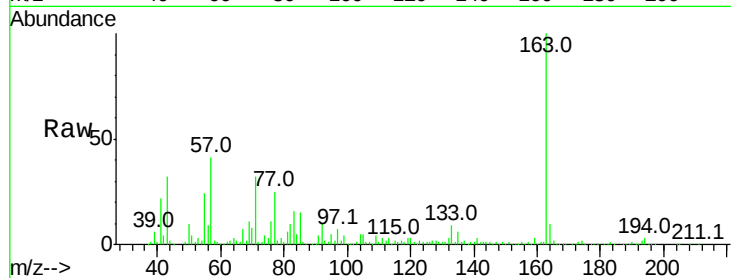




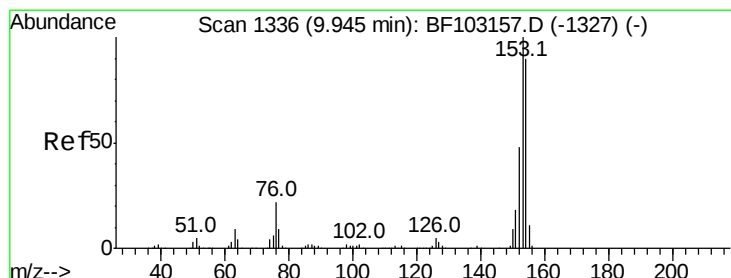
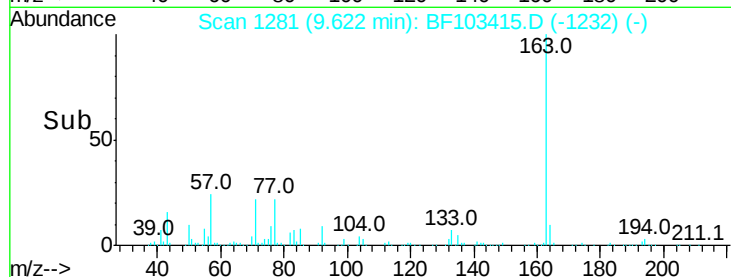
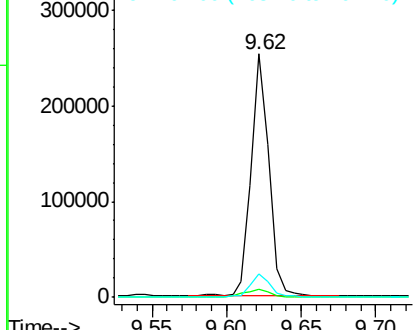
#49
Dimethylphthalate
Concen: 9.330 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF103415.D
Acq: 5 Mar 2018 18:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	9.8	8.2	12.2

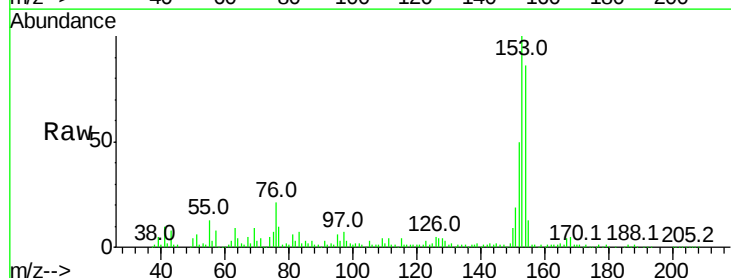


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

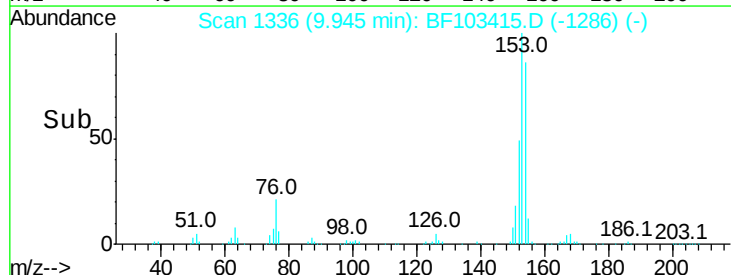
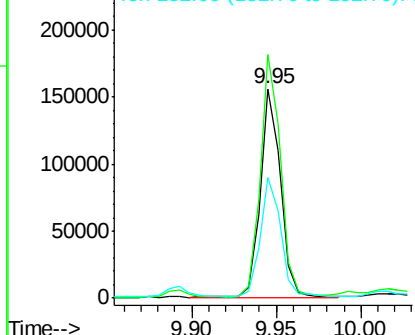


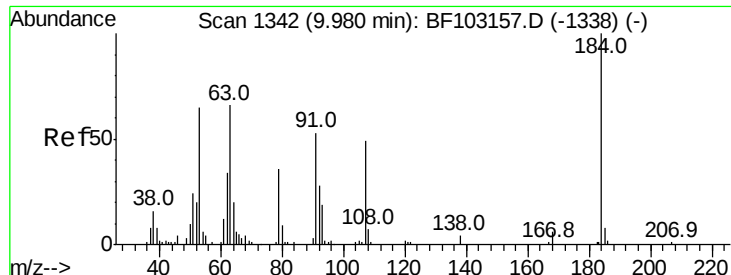
#51
Acenaphthene
Concen: 7.815 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF103415.D
Acq: 5 Mar 2018 18:17

Tgt Ion	Ratio	Lower	Upper
154	100		
153	116.2	91.2	136.8
152	57.6	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

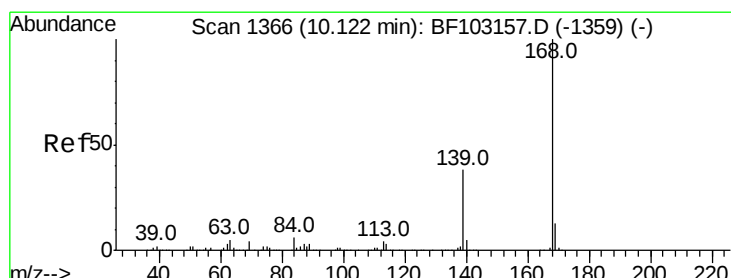
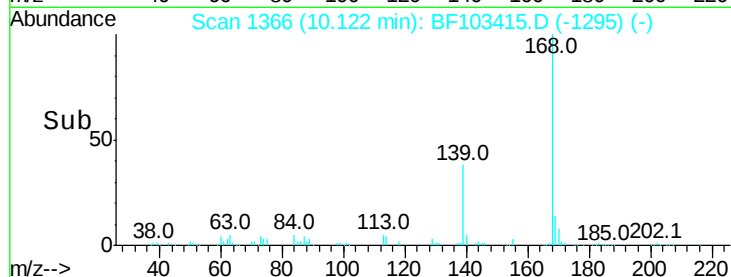
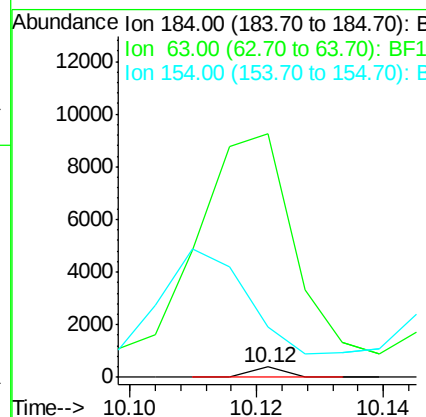
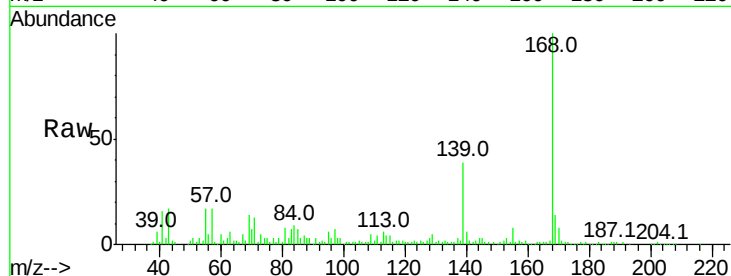




#53
2,4-Dinitrophenol
Concen: 9.692 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.12 min
Lab File: BF103415.D
Acq: 5 Mar 2018 18:17

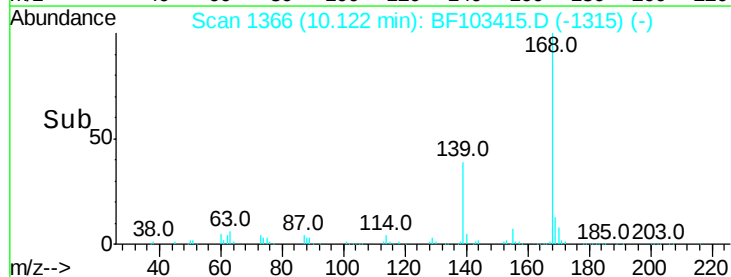
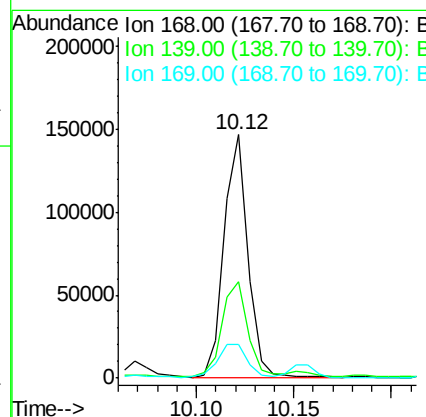
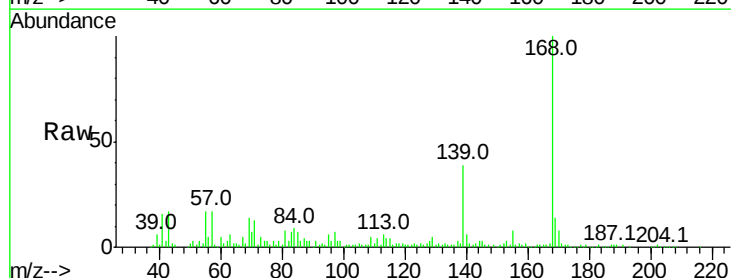
Instrument :
BNA_F
ClientSampleId :

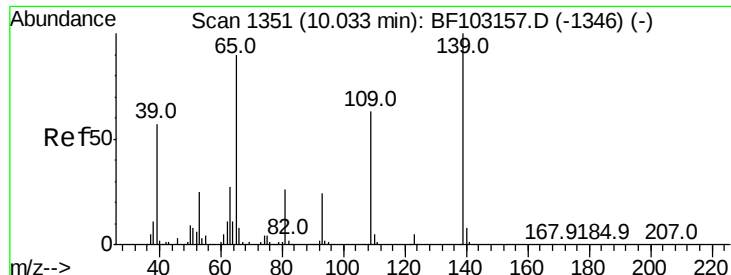
Tot Ion:184 Resp: 137
Ion Ratio Lower Upper
184 100
63 2377.6 54.2 81.2#
154 496.9 184.0 276.0#



#54
Dibenzofuran
Concen: 5.437 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BF103415.D
Acq: 5 Mar 2018 18:17

Tgt Ion:168 Resp: 123737
Ion Ratio Lower Upper
168 100
139 39.5 30.1 45.1
169 13.9 10.9 16.3

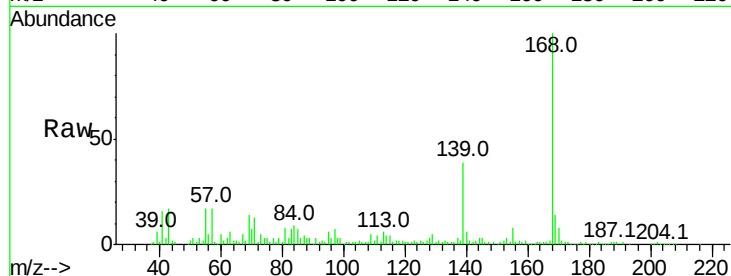




#55
4-Nitrophenol
Concen: 13.724 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.05 min
Lab File: BF103415.D
Acq: 5 Mar 2018 18:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	12.9	48.4	88.4#
65	5.2	72.6	112.6#

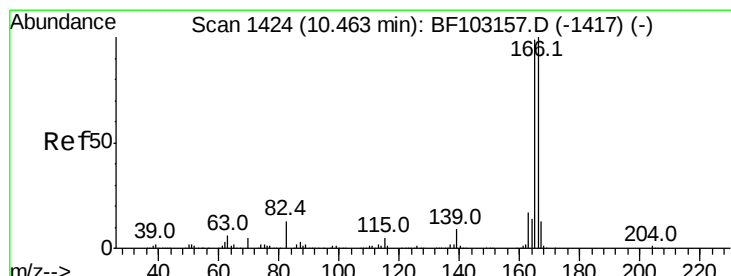
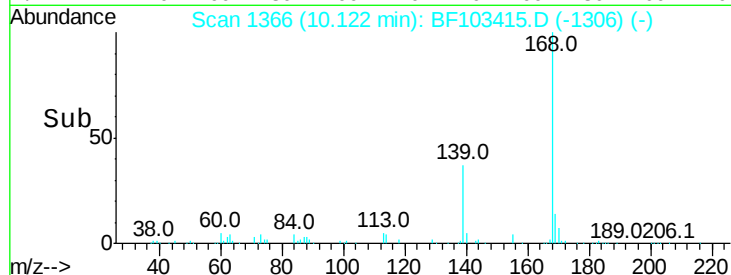
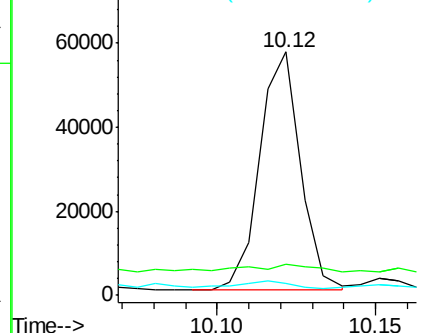


Abundance

Ion 139.00 (138.70 to 139.70): E

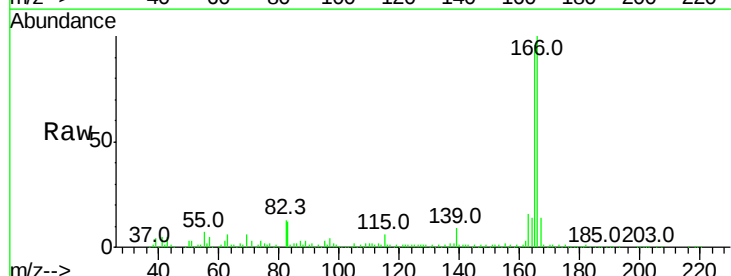
Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#57
Fluorene
Concen: 10.957 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF103415.D
Acq: 5 Mar 2018 18:17

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.2	79.8	119.8
167	14.1	10.6	16.0

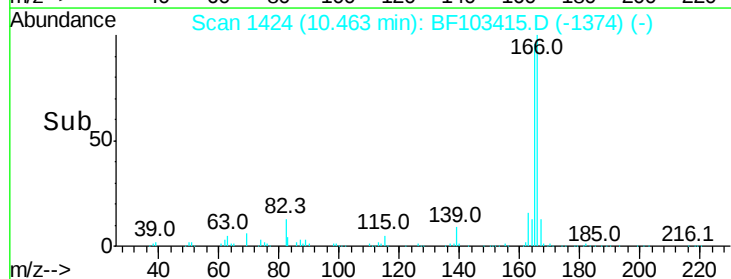
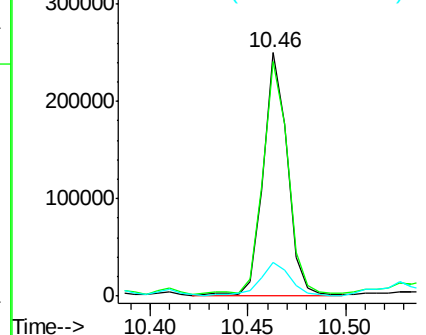


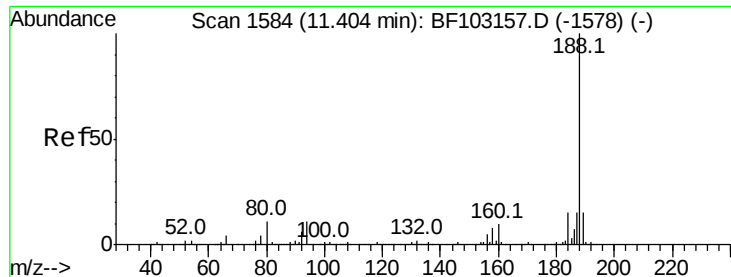
Abundance

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

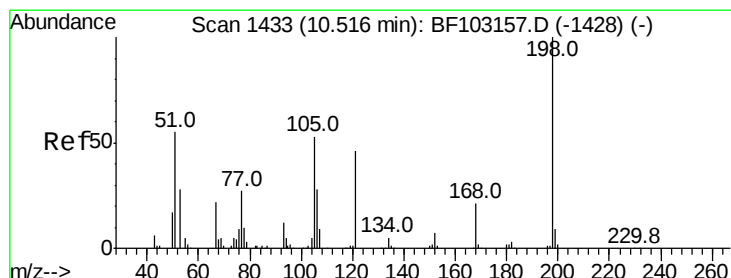
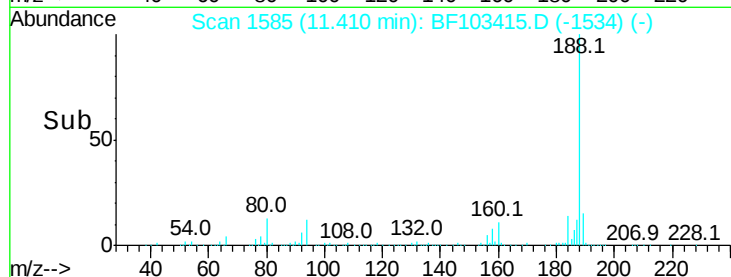
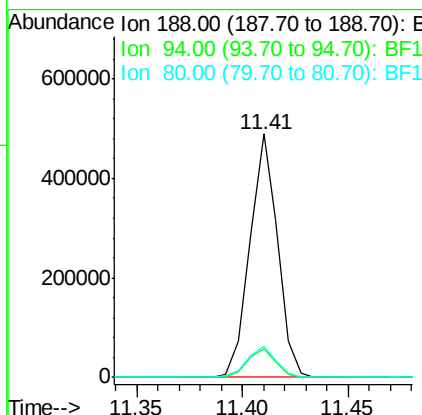
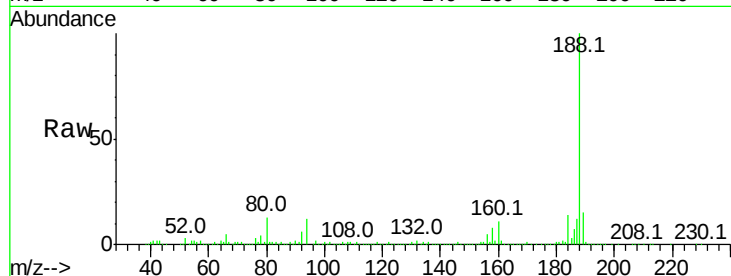




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF103415.D
Acq: 5 Mar 2018 18:17

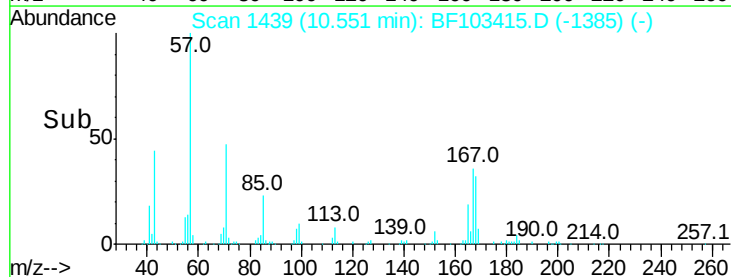
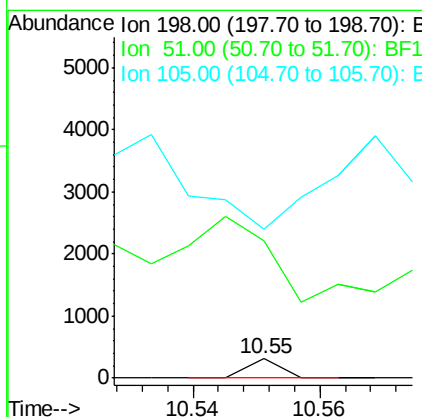
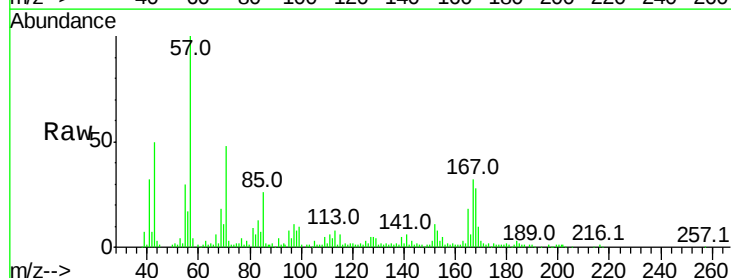
Instrument :
BNA_F
ClientSampleId :

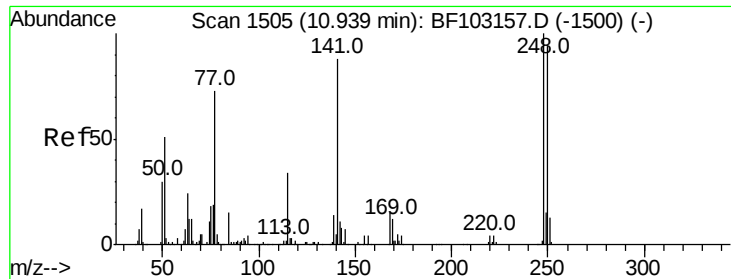
Tot Ion:188 Resp: 446491
Ion Ratio Lower Upper
188 100
94 11.9 8.5 12.7
80 12.7 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 4.982 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.02 min
Lab File: BF103415.D
Acq: 5 Mar 2018 18:17

Tgt Ion:198 Resp: 111
Ion Ratio Lower Upper
198 100
51 707.3 37.7 77.7#
105 765.3 36.3 76.3#

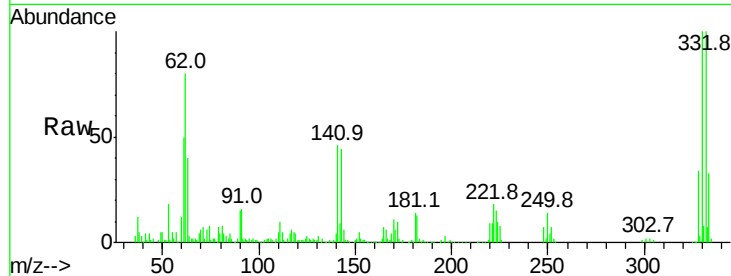




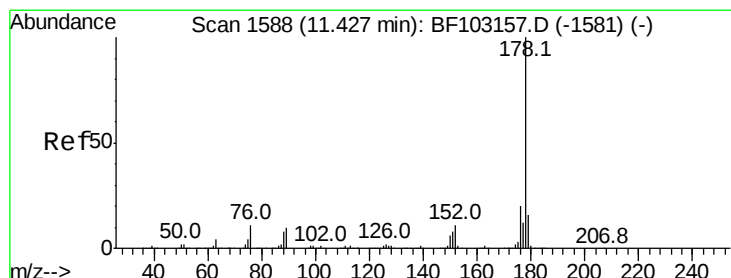
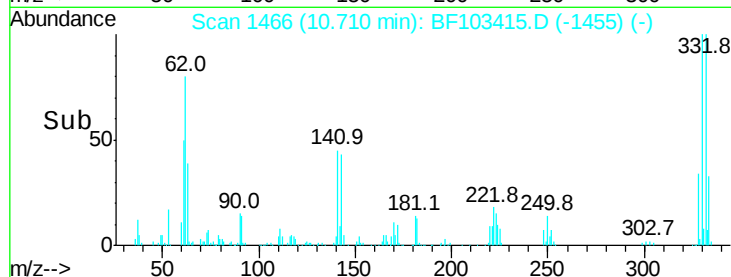
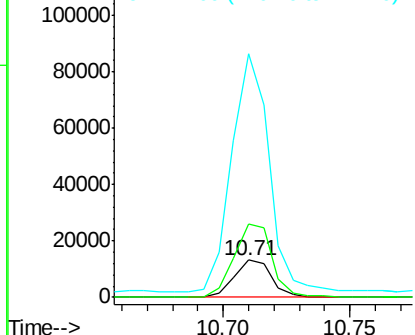
#66
 4-Bromophenyl-phenylether
 Concen: 2.918 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.24 min
 Lab File: BF103415.D
 Acq: 5 Mar 2018 18:17

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 13573
 Ion Ratio Lower Upper
 248 100
 250 195.3 76.9 115.3#
 141 652.8 74.4 111.6#

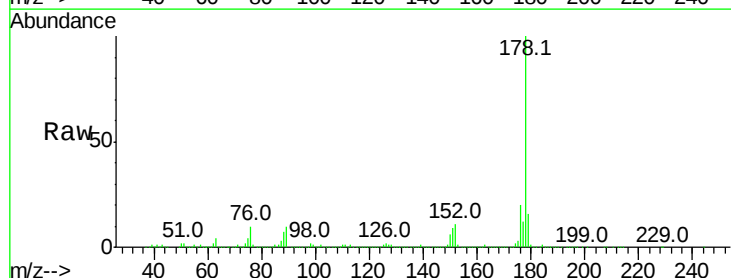


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

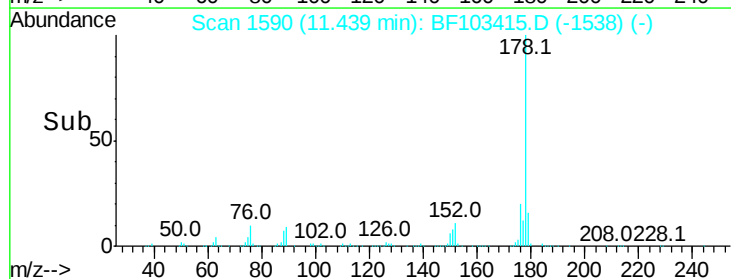
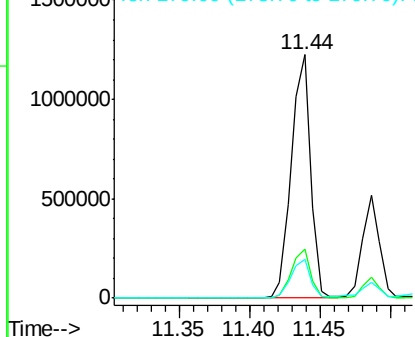


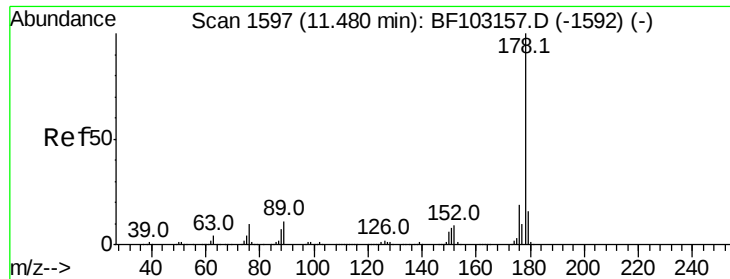
#70
 Phenanthrene
 Concen: 47.455 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. 0.01 min
 Lab File: BF103415.D
 Acq: 5 Mar 2018 18:17

Tgt Ion:178 Resp: 1166061
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.8 23.8
 179 15.9 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

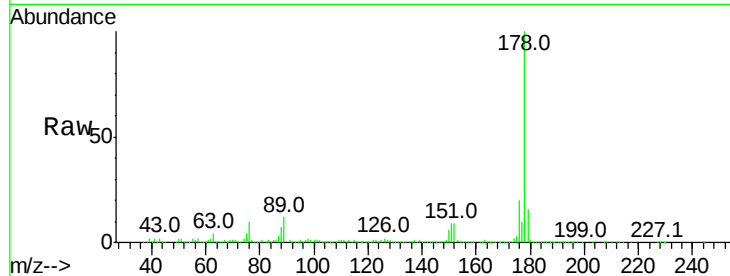




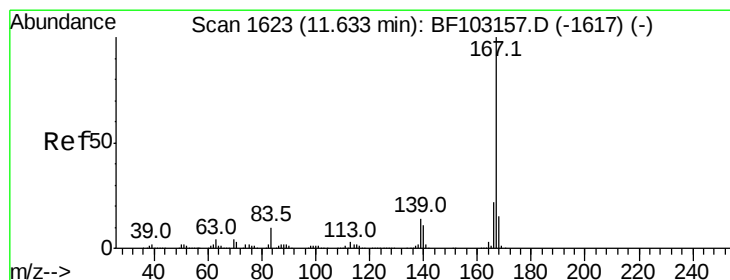
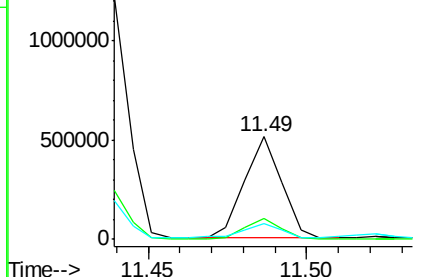
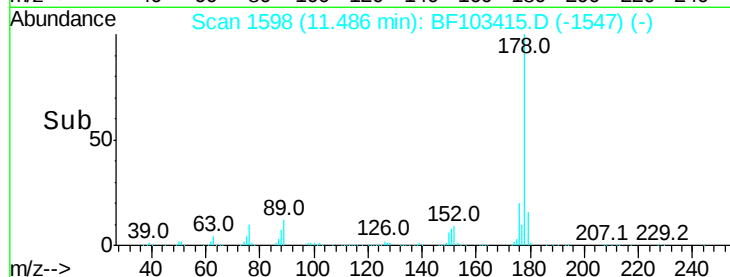
#71
 Anthracene
 Concen: 16.589 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.00 min
 Lab File: BF103415.D
 Acq: 5 Mar 2018 18:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 417982
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.4 23.2
 179 15.7 12.6 19.0

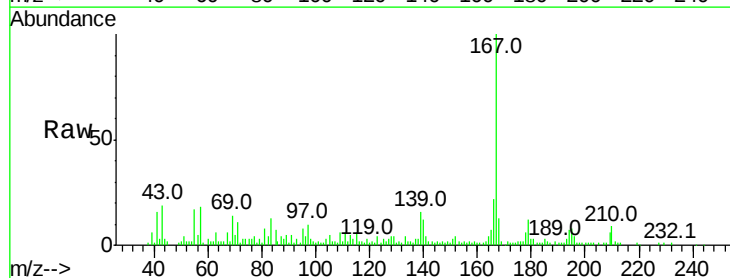


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

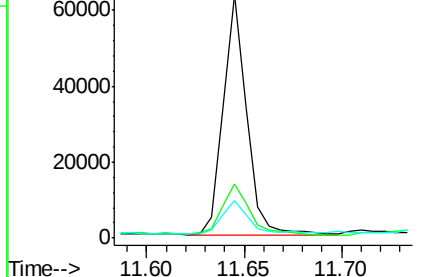
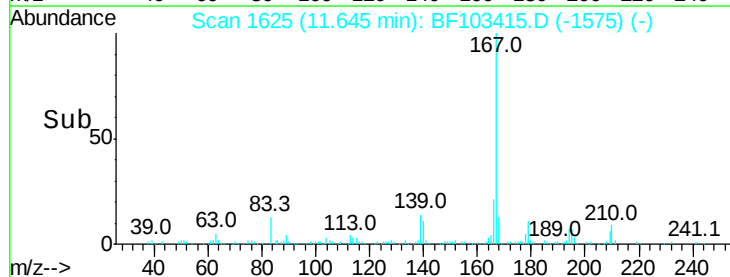


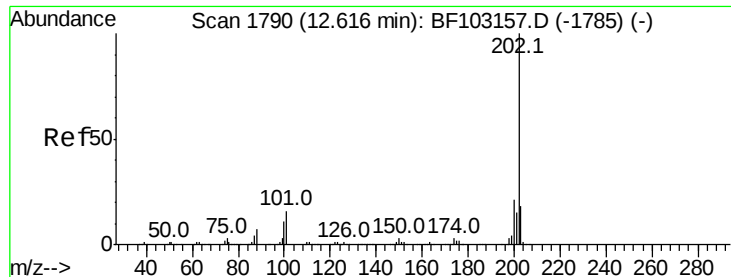
#72
 Carbazole
 Concen: 2.127 ng
 RT: 11.65 min Scan# 1625
 Delta R.T. -0.01 min
 Lab File: BF103415.D
 Acq: 5 Mar 2018 18:17

Tgt Ion:167 Resp: 53381
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 15.5 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

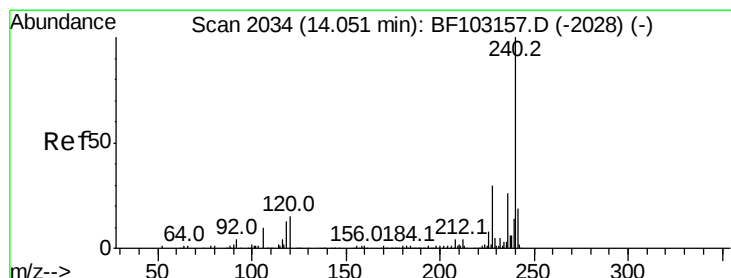
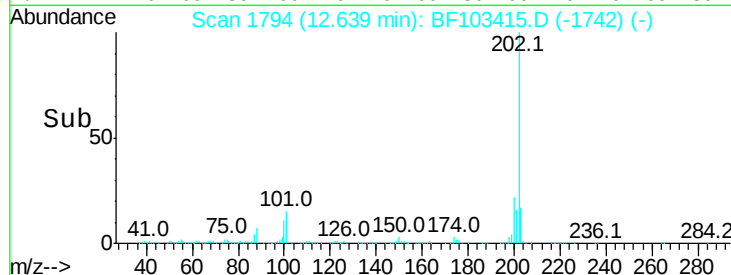
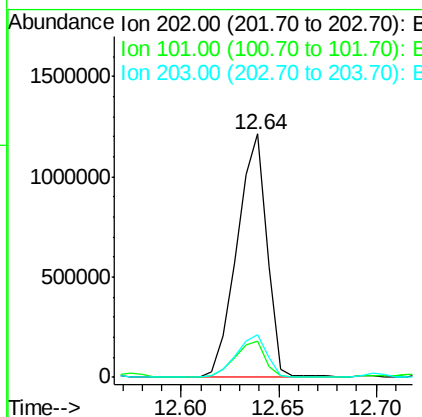
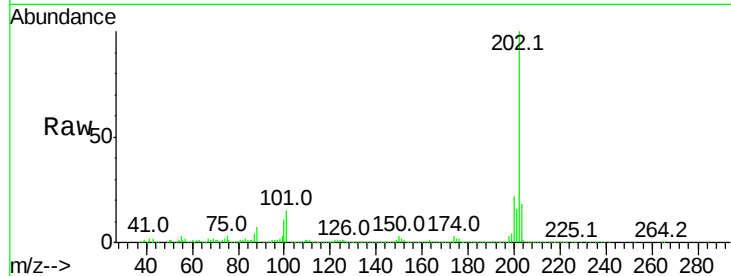




#74
Fluoranthene
Concen: 52.010 ng
RT: 12.64 min Scan# 1794
Delta R.T. 0.01 min
Lab File: BF103415.D
Acq: 5 Mar 2018 18:17

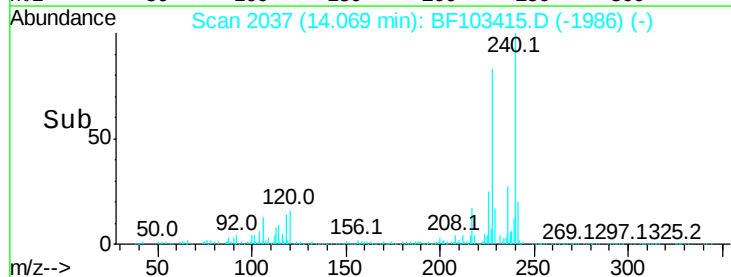
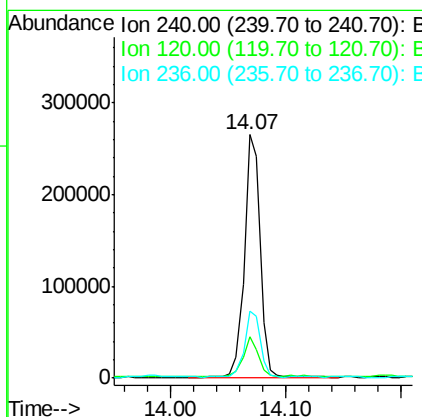
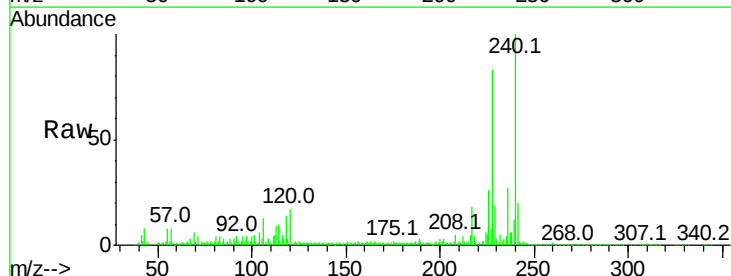
Instrument :
BNA_F
ClientSampleId :

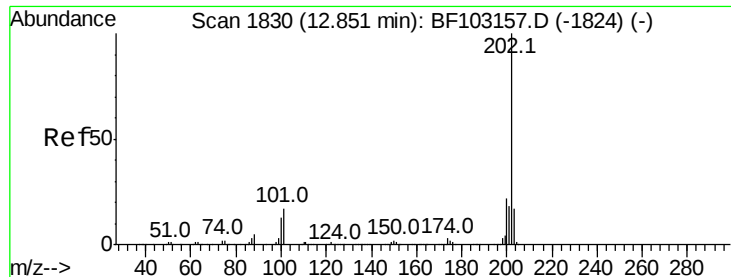
Tot Ion:202 Resp: 1284230
Ion Ratio Lower Upper
202 100
101 15.1 0.0 34.1
203 17.5 0.0 38.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2037
Delta R.T. 0.00 min
Lab File: BF103415.D
Acq: 5 Mar 2018 18:17

Tgt Ion:240 Resp: 251299
Ion Ratio Lower Upper
240 100
120 16.9 9.5 14.3#
236 27.3 20.7 31.1





#77

Pvrene

Concen: 61.223 ng

RT: 12.87 min Scan# 1833

Delta R.T. 0.01 min

Lab File: BF103415.D

Acq: 5 Mar 2018 18:17

Instrument :

BNA_F

ClientSampled :

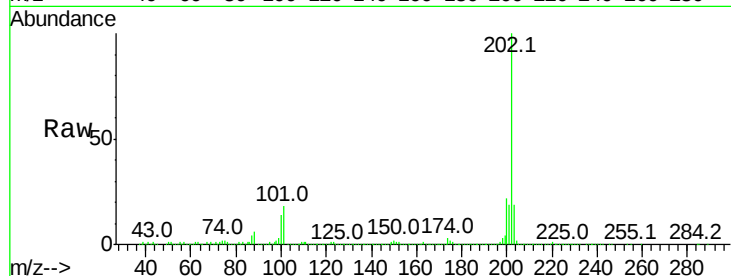
Tot Ion:202 Resp: 1199522

Ion Ratio Lower Upper

202 100

200 22.0 17.4 26.2

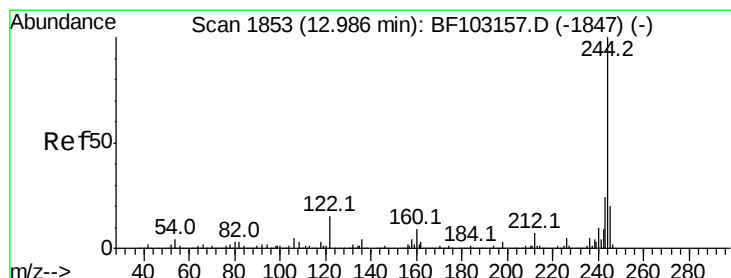
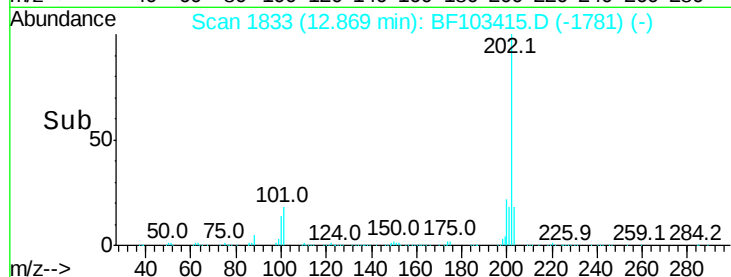
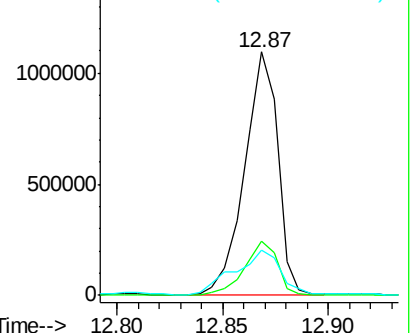
203 18.6 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 72.960 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.01 min

Lab File: BF103415.D

Acq: 5 Mar 2018 18:17

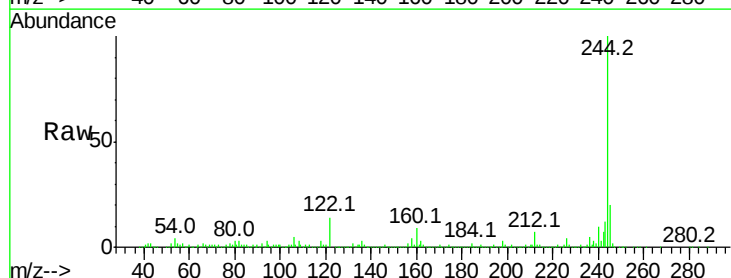
Tgt Ion:244 Resp: 762715

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

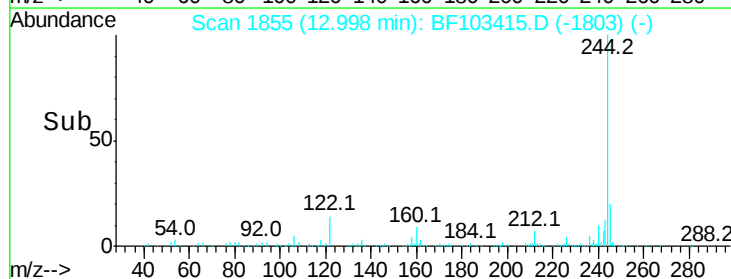
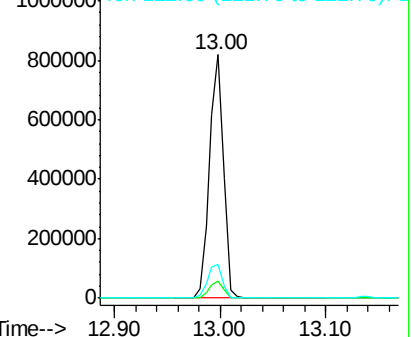
122 14.0 11.0 16.4

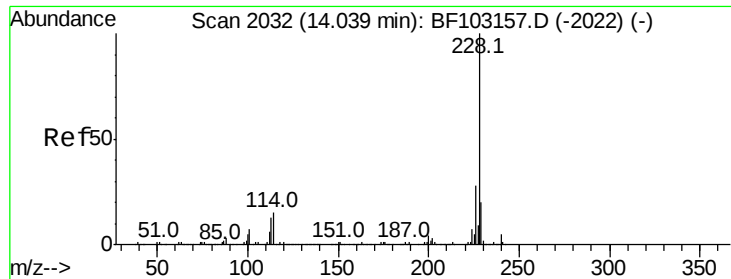


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

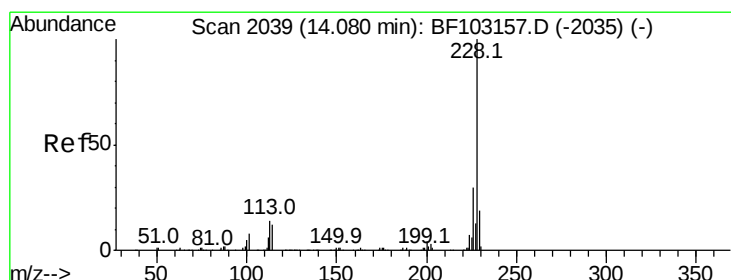
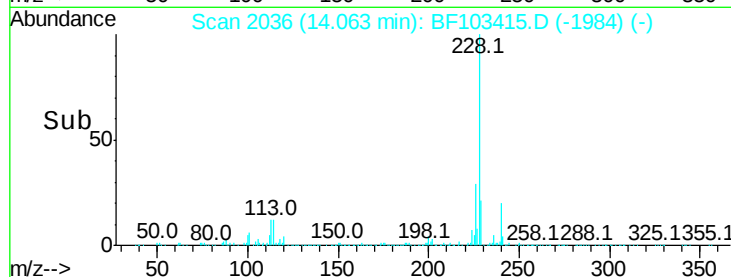
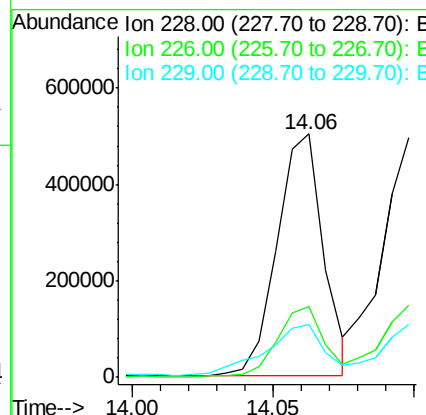
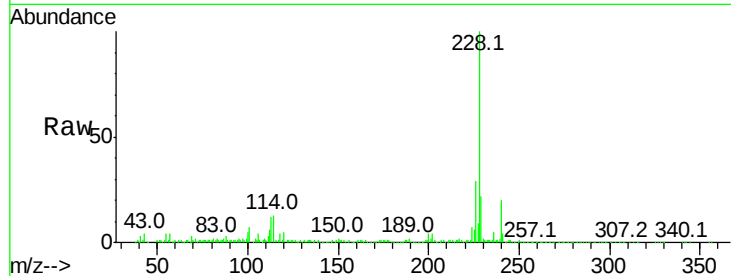




#80
Benzo(a)anthracene
Concen: 34.965 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.01 min
Lab File: BF103415.D
Acq: 5 Mar 2018 18:17

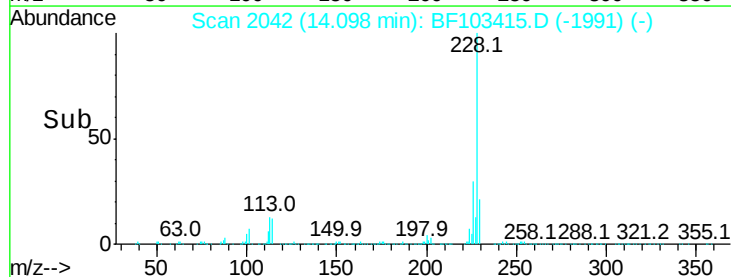
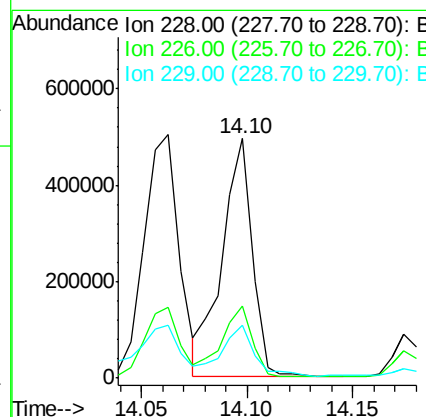
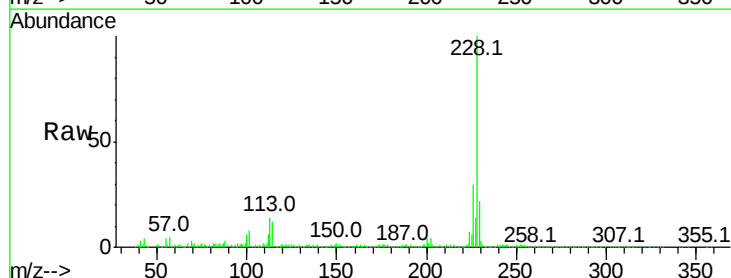
Instrument :
BNA_F
ClientSampleId :

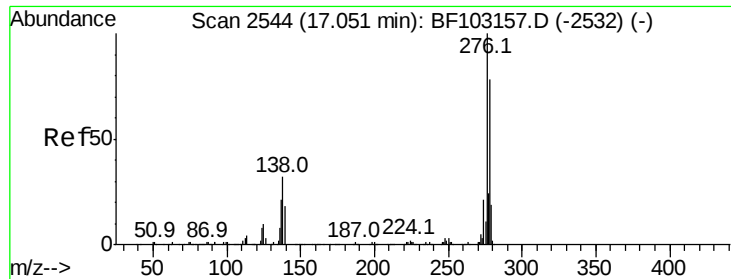
Tot Ion:228 Resp: 570111
Ion Ratio Lower Upper
228 100
226 29.1 22.6 33.8
229 21.6 15.8 23.6



#82
Chrysene
Concen: 31.044 ng
RT: 14.10 min Scan# 2042
Delta R.T. 0.00 min
Lab File: BF103415.D
Acq: 5 Mar 2018 18:17

Tgt Ion:228 Resp: 491484
Ion Ratio Lower Upper
228 100
226 30.4 25.0 37.6
229 22.1 16.2 24.4

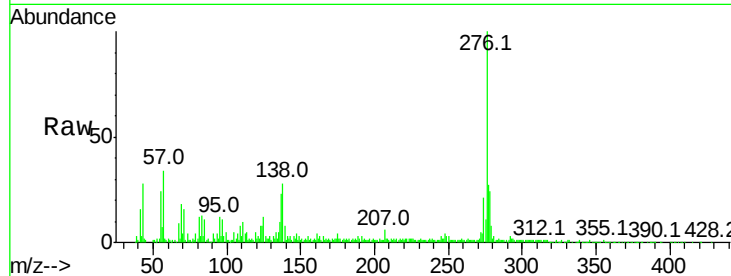




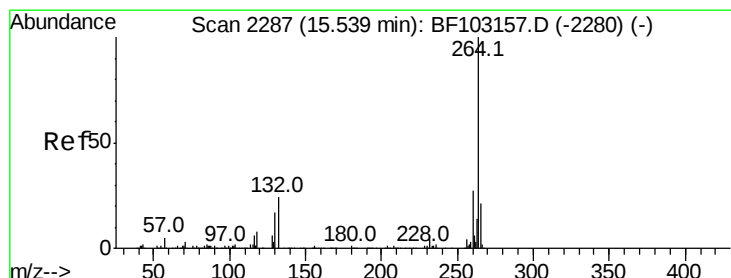
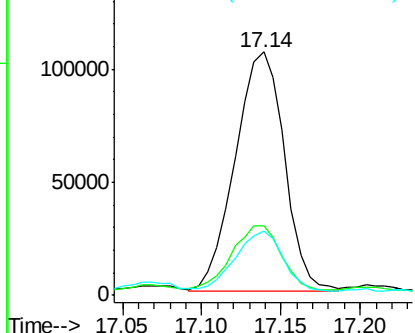
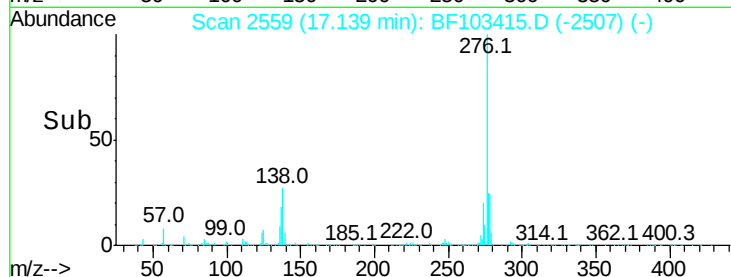
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 18.188 ng
 RT: 17.14 min Scan# 2559
 Delta R.T. 0.01 min
 Lab File: BF103415.D
 Acq: 5 Mar 2018 18:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.5	25.0	37.6
277	24.6	20.1	30.1

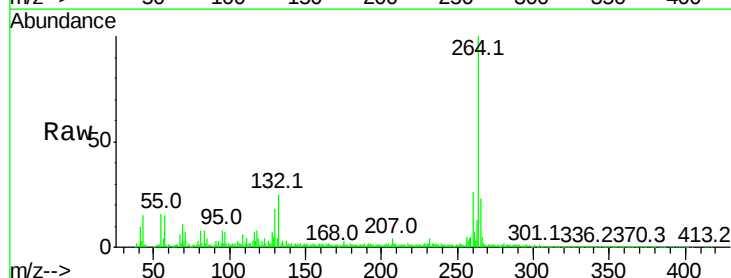


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

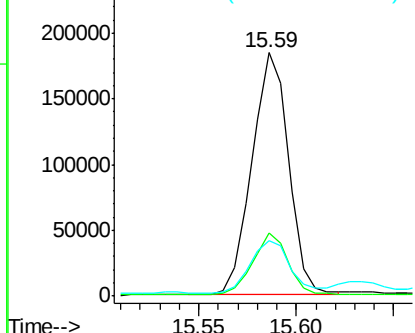
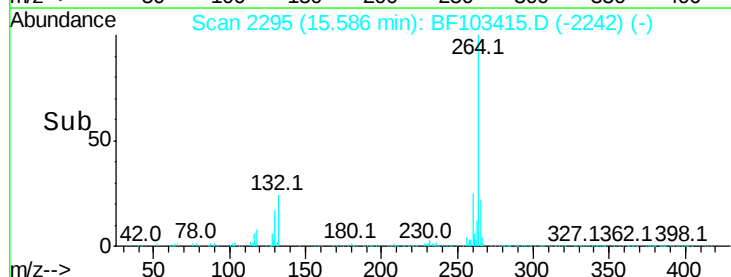


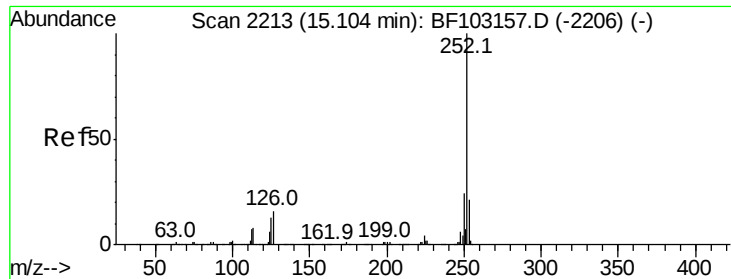
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.59 min Scan# 2295
 Delta R.T. 0.01 min
 Lab File: BF103415.D
 Acq: 5 Mar 2018 18:17

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.7	19.2	28.8
265	22.9	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: 48.328 ng

RT: 15.14 min Scan# 2220

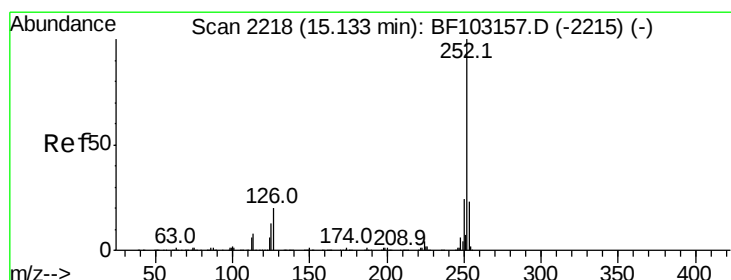
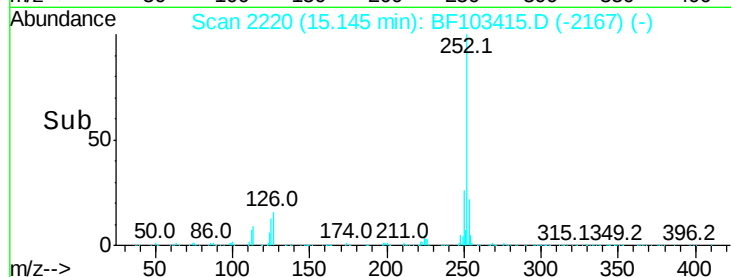
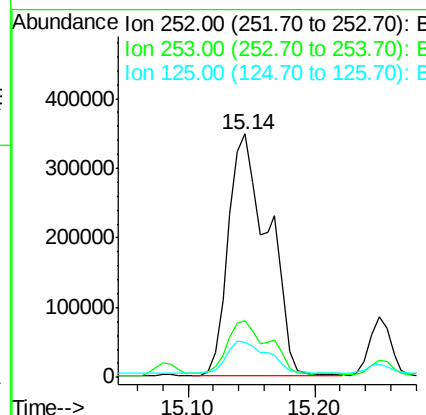
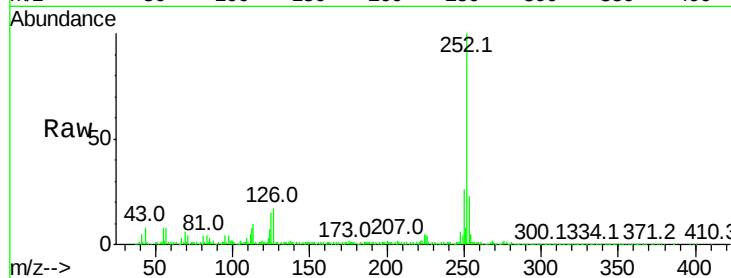
Delta R.T. 0.01 min

Lab File: BF103415.D

Acq: 5 Mar 2018 18:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.0	25.6
125	14.6	9.0	13.6



#88

Benzo(k)fluoranthene

Concen: 51.322 ng

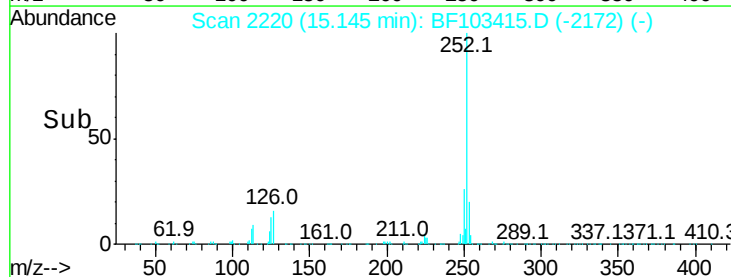
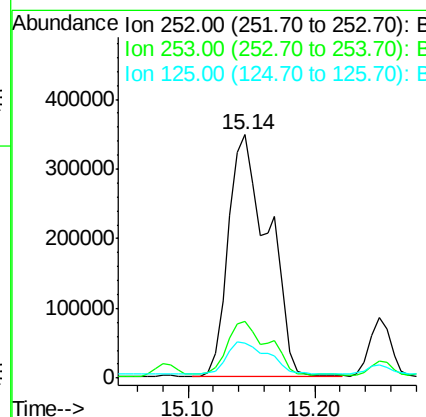
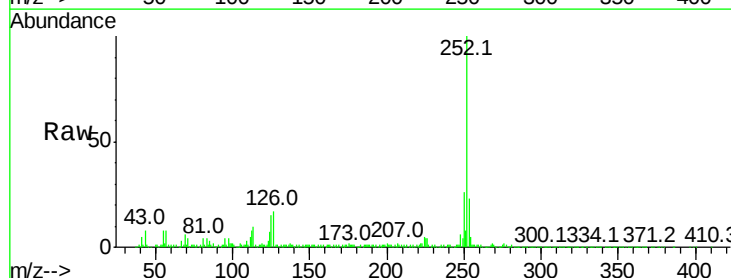
RT: 15.14 min Scan# 2220

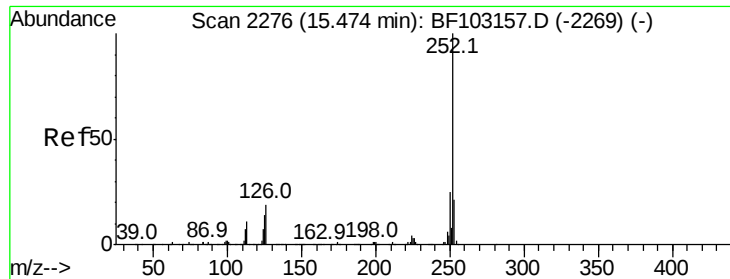
Delta R.T. -0.02 min

Lab File: BF103415.D

Acq: 5 Mar 2018 18:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.9	26.9
125	14.6	10.2	15.2





#89

Benzo(a)pyrene

Concen: 30.156 ng

RT: 15.53 min Scan# 2285

Delta R.T. 0.01 min

Lab File: BF103415.D

Acq: 5 Mar 2018 18:17

Instrument :

BNA_F

ClientSampled :

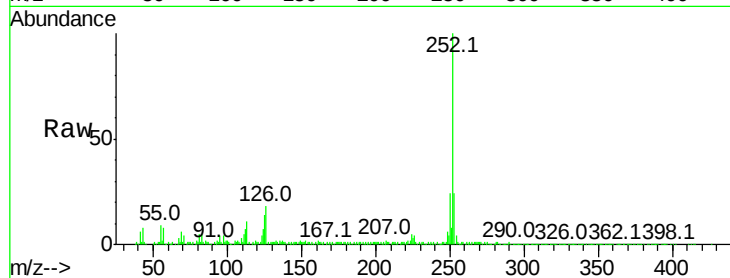
Tot Ion:252 Resp: 423986

Ion Ratio Lower Upper

252 100

253 23.7 17.1 25.7

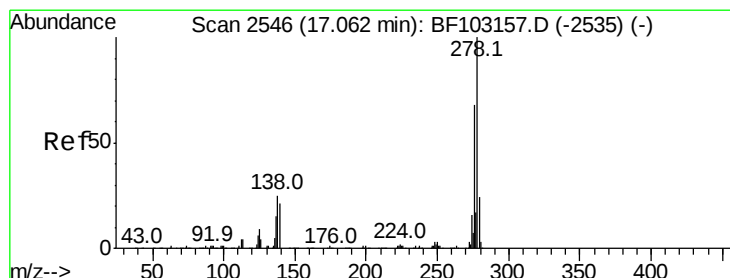
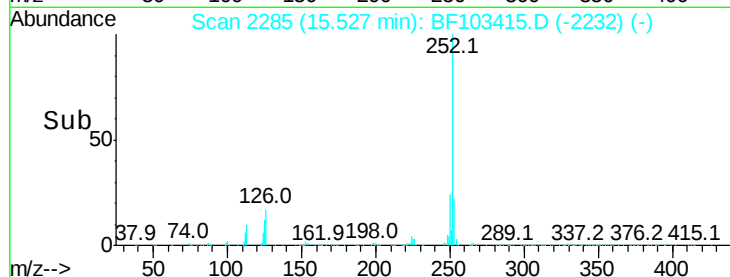
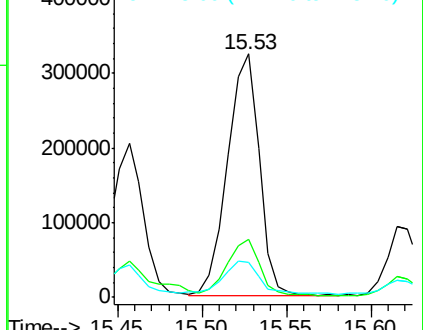
125 14.3 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 5.644 ng

RT: 17.13 min Scan# 2558

Delta R.T. 0.00 min

Lab File: BF103415.D

Acq: 5 Mar 2018 18:17

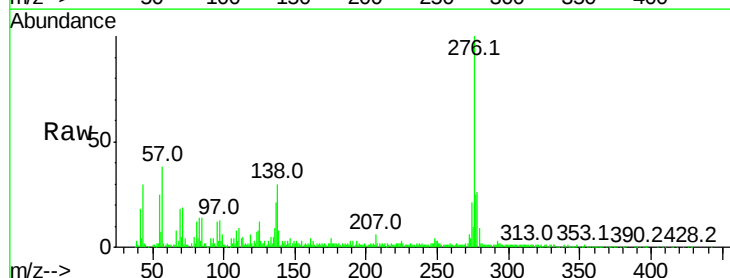
Tgt Ion:278 Resp: 61319

Ion Ratio Lower Upper

278 100

139 30.7 15.9 23.9#

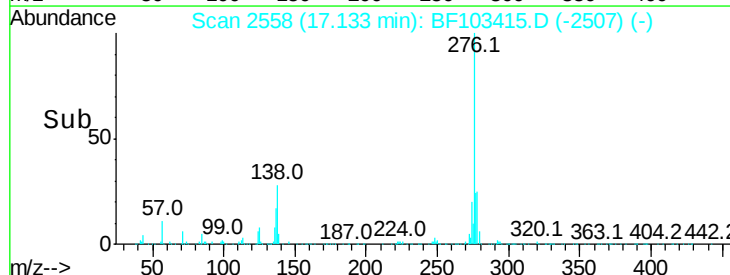
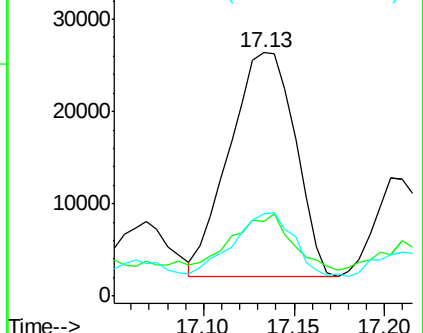
279 33.6 19.0 28.4#

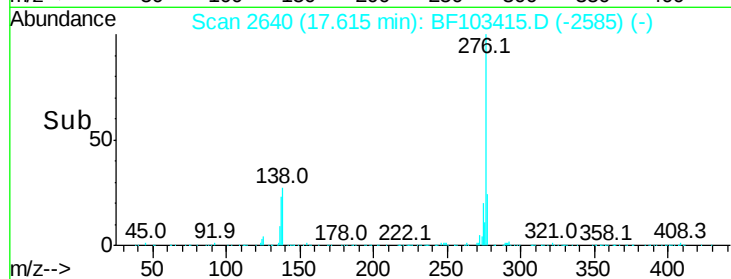
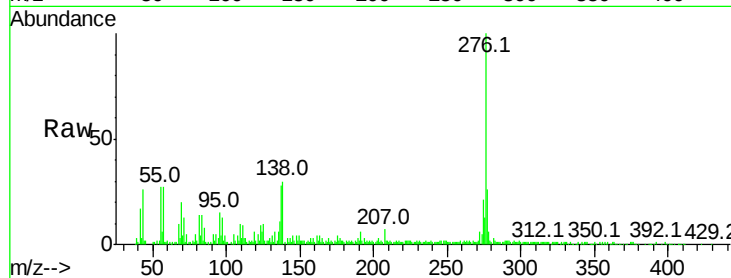
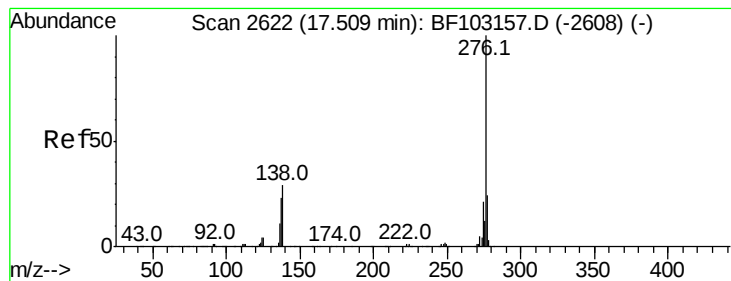


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 19.591 ng

RT: 17.62 min Scan# 2640

Delta R.T. 0.02 min

Lab File: BF103415.D

Acq: 5 Mar 2018 18:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 208021

Ion Ratio Lower Upper

276 100

277 25.5 17.9 26.9

138 29.9 21.8 32.8

