

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120615\
 Data File : BF083538.D
 Acq On : 7 Dec 2015 2:17
 Operator : UM/IZ
 Sample : G4614-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S35-15.5

Quant Time: Dec 07 05:08:03 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 05 04:12:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.73	152	189538	20.00	ng	-0.03
21) Naphthalene-d8	7.63	136	718386	20.00	ng	-0.05
38) Acenaphthene-d10	10.42	164	337953	20.00	ng	-0.05
63) Phenanthrene-d10	12.82	188	565760	20.00	ng	-0.03
75) Chrysene-d12	17.03	240	369176	20.00	ng	-0.02
86) Perylene-d12	18.65	264	358698	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	4.02	112	1677582	134.28	ng	-0.01
7) Phenol-d6	5.30	99	2231972	129.67	ng	-0.02
23) Nitrobenzene-d5	6.57	82	1505344	97.95	ng	-0.03
41) 2,4,6-Tribromophenol	11.71	330	396480	127.18	ng	-0.05
44) 2-Fluorobiphenyl	9.38	172	1832091	73.53	ng	-0.05
78) Terphenyl-d14	15.46	244	1228295	74.04	ng	-0.02

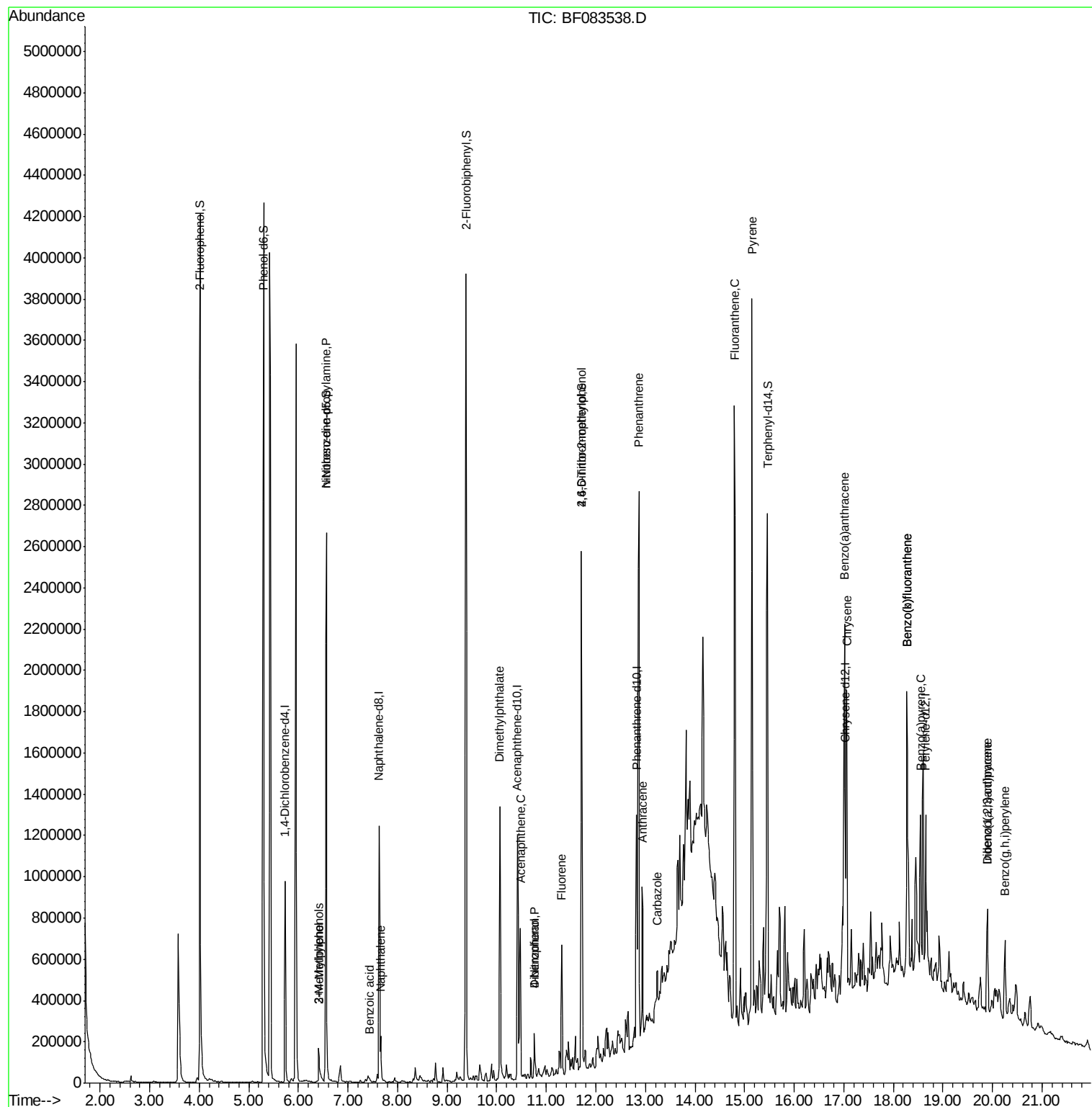
Target Compounds						Qvalue
17) 2-Methylphenol	6.41	107	50281	4.38	ng	# 62
19) n-Nitroso-di-n-propylamine	6.57	70	197951	17.24	ng	# 80
20) 3+4-Methylphenols	6.41	107	92686	6.22	ng	97
31) Naphthalene	7.66	128	136941	3.58	ng	99
32) Benzoic acid	7.44	122	4838	3.37	ng	# 27
49) Dimethylphthalate	10.06	163	674084	25.34	ng	99
51) Acenaphthene	10.48	154	232896	10.92	ng	99
54) Dibenzofuran	10.76	168	117253	3.97	ng	99
55) 4-Nitrophenol	10.76	139	40666	11.96	ng	# 8
57) Fluorene	11.31	166	218606	8.51	ng	98
64) 4,6-Dinitro-2-methylphenol	11.71	198	1053	3.74	ng	# 1
70) Phenanthrene	12.86	178	1659334	50.39	ng	99
71) Anthracene	12.93	178	456002	13.58	ng	98
72) Carbazole	13.24	167	123267	4.27	ng	96
74) Fluoranthene	14.80	202	2136795	65.47	ng	96
77) Pyrene	15.15	202	1796029	65.03	ng	# 92
80) Benzo(a)anthracene	17.01	228	777475	35.99	ng	99
82) Chrysene	17.06	228	761188	35.37	ng	97
85) Indeno(1,2,3-cd)pyrene	19.89	276	344224	18.66	ng	# 100
87) Benzo(b)fluoranthene	18.27	252	1003889	49.83	ng	# 96
88) Benzo(k)fluoranthene	18.27	252	1003889	48.65	ng	99
89) Benzo(a)pyrene	18.55	252	381789	19.48	ng	99
90) Dibenzo(a,h)anthracene	19.89	278	91235	4.84	ng	# 93
91) Benzo(g,h,i)perylene	20.25	276	311227	16.38	ng	98

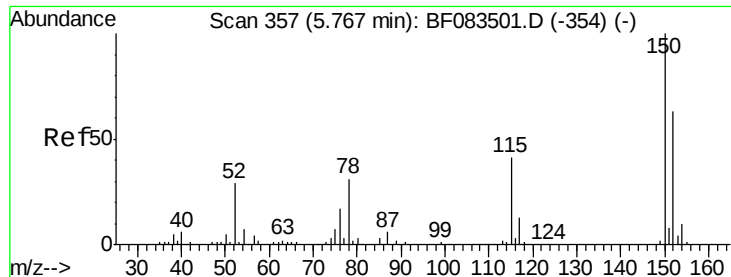
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 05 04:12:46 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.73 min Scan# 354

Delta R.T. -0.03 min

Lab File: BF083538.D

Acq: 7 Dec 2015 2:17

Instrument :

BNA_G

ClientSampled :

S35-15.5

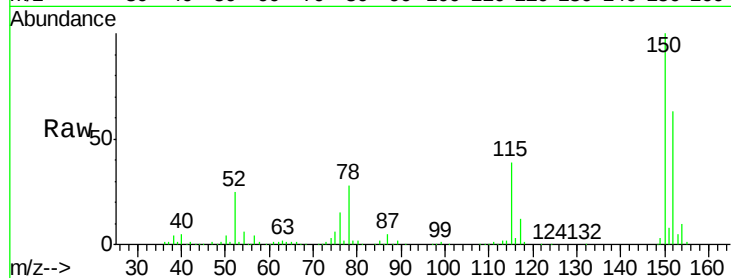
Tgt Ion:152 Resp: 189538

Ion Ratio Lower Upper

152 100

150 158.3 126.5 189.7

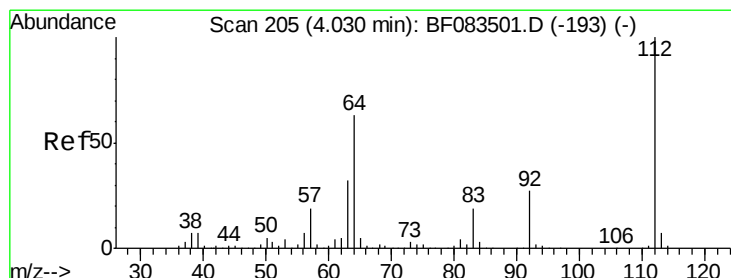
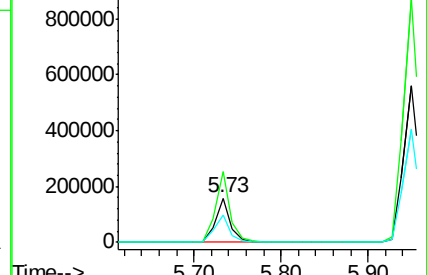
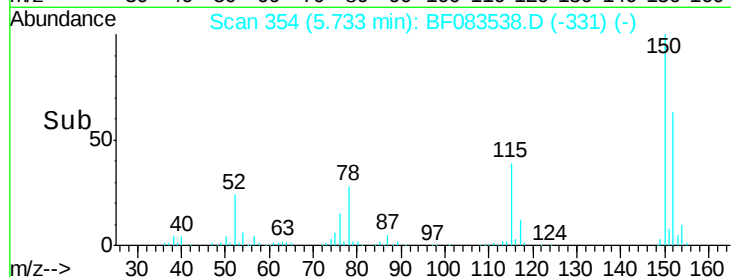
115 61.2 52.3 78.5



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: 134.28 ng

RT: 4.02 min Scan# 204

Delta R.T. -0.01 min

Lab File: BF083538.D

Acq: 7 Dec 2015 2:17

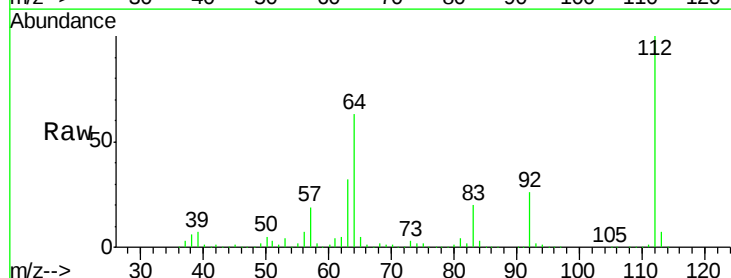
Tgt Ion:112 Resp: 1677582

Ion Ratio Lower Upper

112 100

64 62.6 50.5 75.7

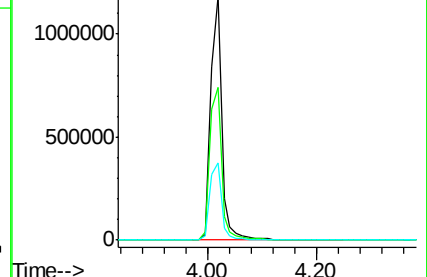
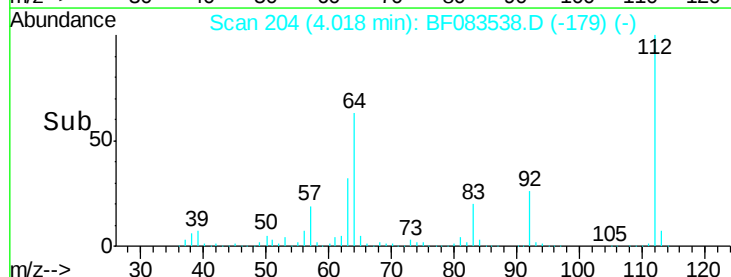
63 31.9 25.8 38.6

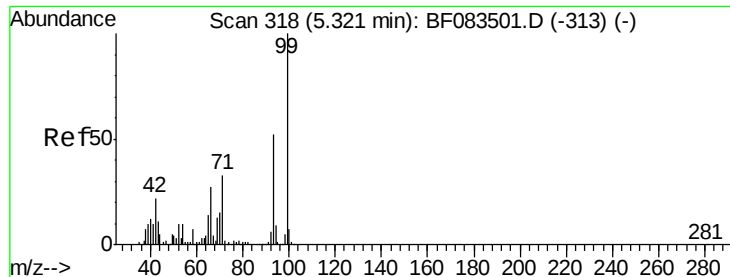


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 129.67 ng

RT: 5.30 min Scan# 316

Delta R.T. -0.02 min

Lab File: BF083538.D

Acq: 7 Dec 2015 2:17

Instrument :

BNA_G

ClientSampleId :

S35-15.5

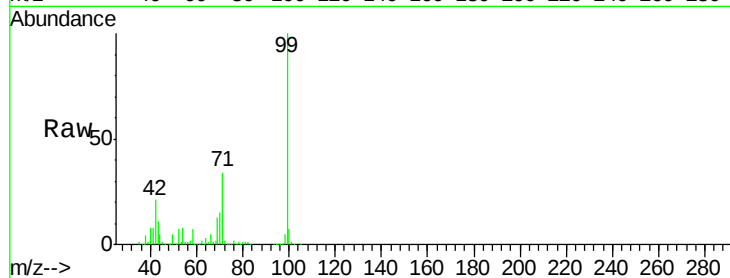
Tgt Ion: 99 Resp: 2231972

Ion Ratio Lower Upper

99 100

42 21.5 17.3 25.9

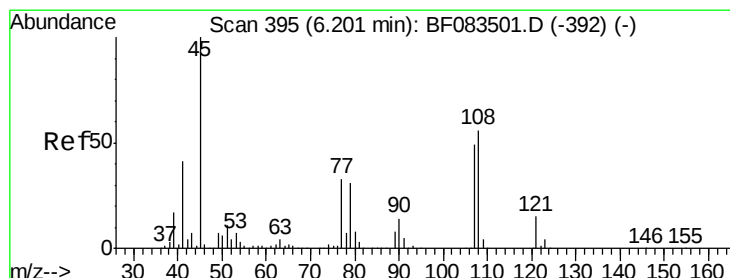
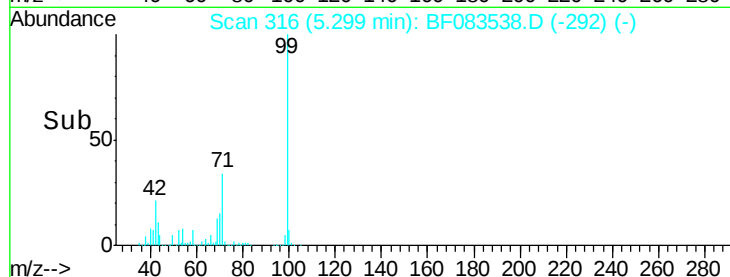
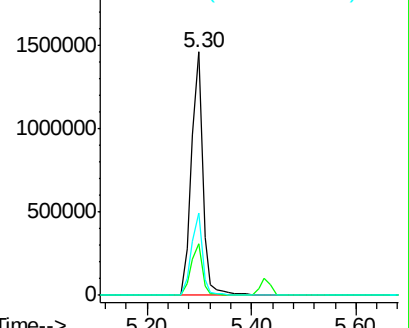
71 34.0 26.6 40.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#17

2-Methylphenol

Concen: 4.38 ng

RT: 6.41 min Scan# 413

Delta R.T. 0.21 min

Lab File: BF083538.D

Acq: 7 Dec 2015 2:17

Tgt Ion: 107 Resp: 50281

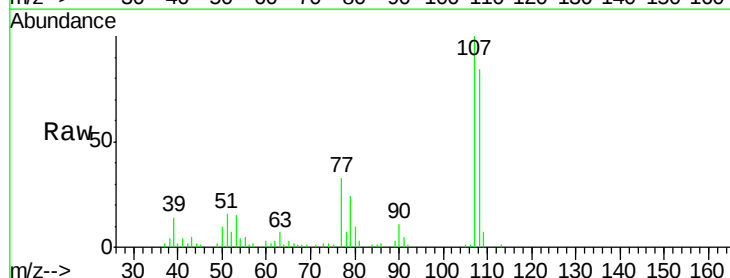
Ion Ratio Lower Upper

107 100

108 84.3 91.6 137.4#

77 32.6 53.7 80.5#

79 23.6 50.2 75.4#

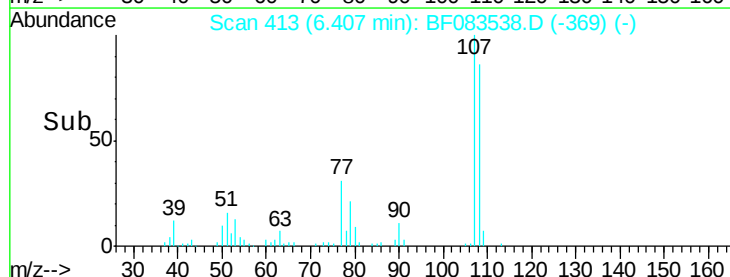
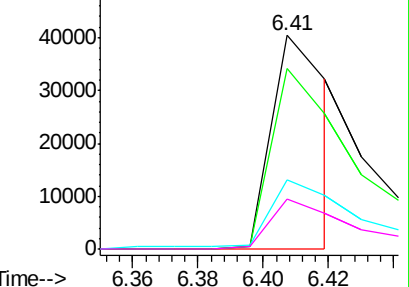


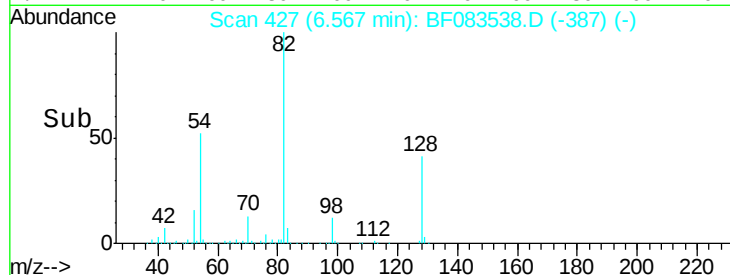
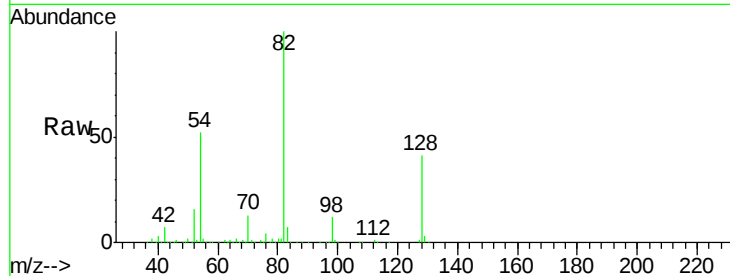
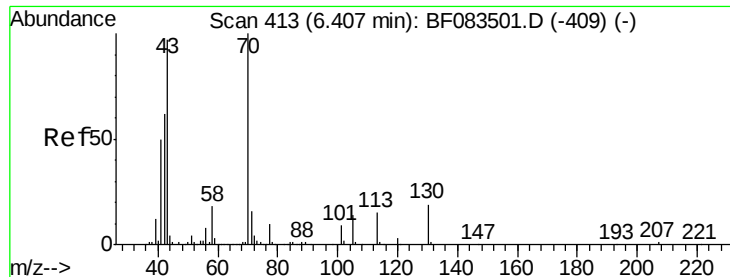
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

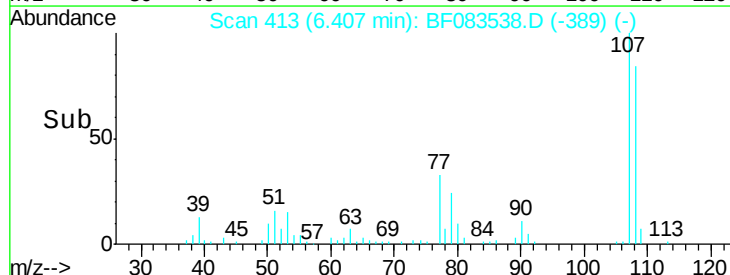
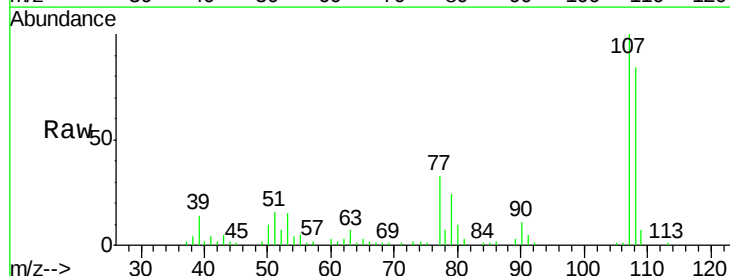
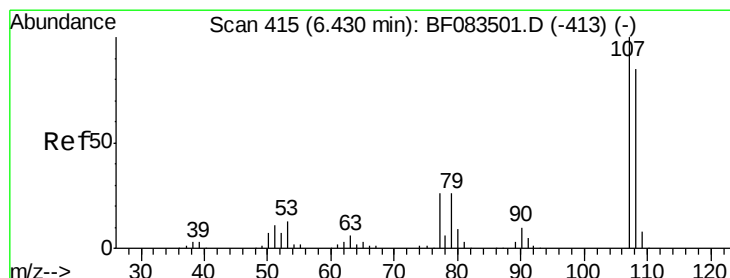
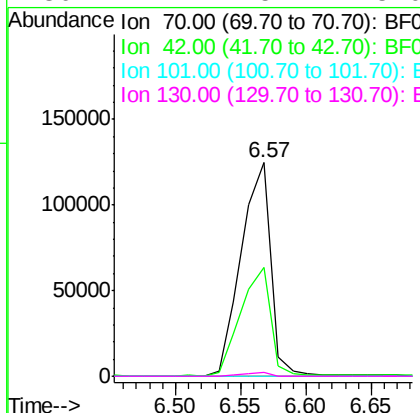




#19
n-Nitroso-di-n-propylamine
Concen: 17.24 ng
RT: 6.57 min Scan# 427
Delta R.T. 0.16 min
Lab File: BF083538.D
Acq: 7 Dec 2015 2:17

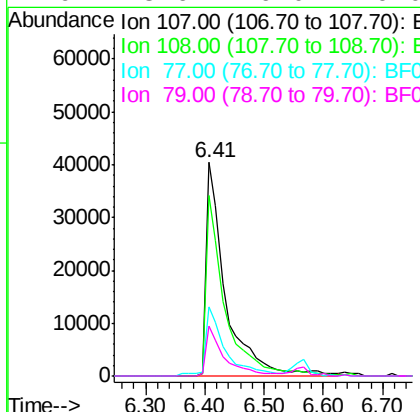
Instrument :
BNA_G
ClientSampleId :
S35-15.5

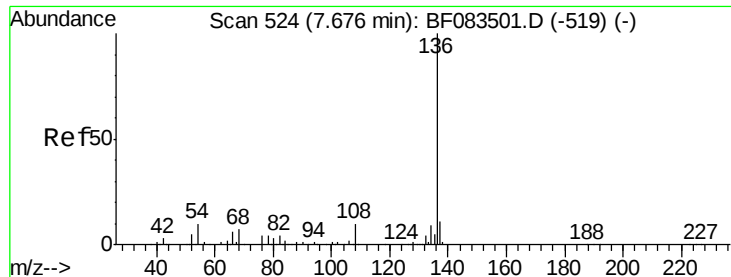
Tgt Ion: 70 Resp: 197951
Ion Ratio Lower Upper
70 100
42 50.9 49.2 73.8
101 0.0 7.1 10.7#
130 2.1 15.4 23.0#



#20
3+4-Methylphenols
Concen: 6.22 ng
RT: 6.41 min Scan# 413
Delta R.T. -0.02 min
Lab File: BF083538.D
Acq: 7 Dec 2015 2:17

Tgt Ion: 107 Resp: 92686
Ion Ratio Lower Upper
107 100
108 84.3 65.2 105.2
77 32.6 15.2 55.2
79 23.6 6.0 46.0

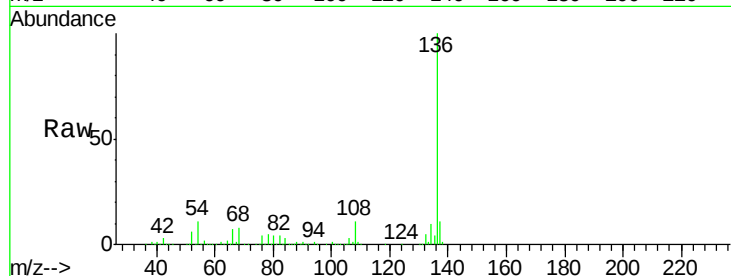




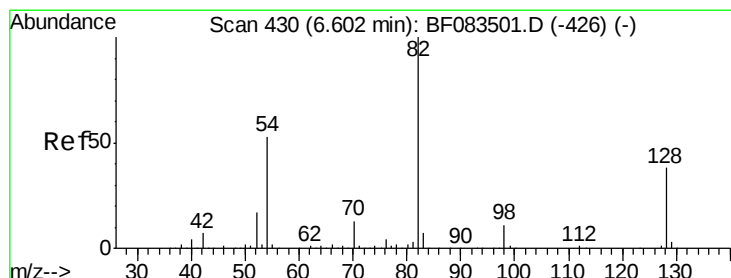
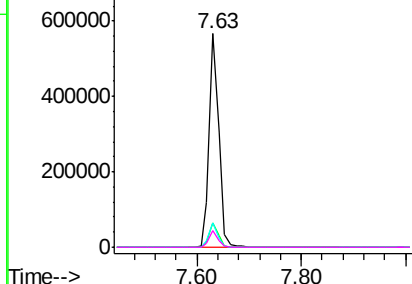
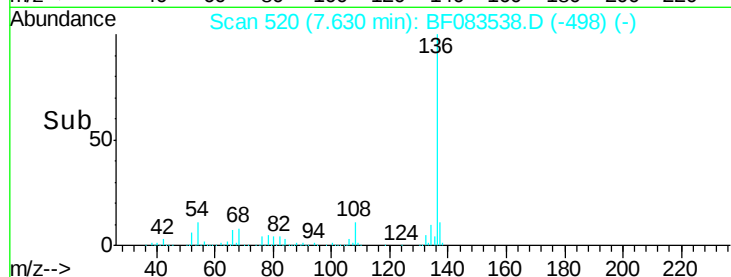
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.63 min Scan# 520
Delta R.T. -0.05 min
Lab File: BF083538.D
Acq: 7 Dec 2015 2:17

Instrument :
BNA_G
ClientSampleId :
S35-15.5

Tgt Ion:	136	Resp:	718386
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	11.4	7.8	11.6
68	8.0	5.7	8.5

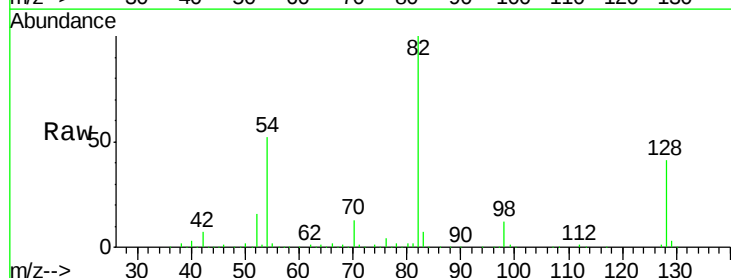


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

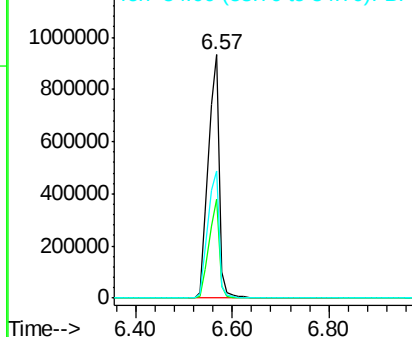
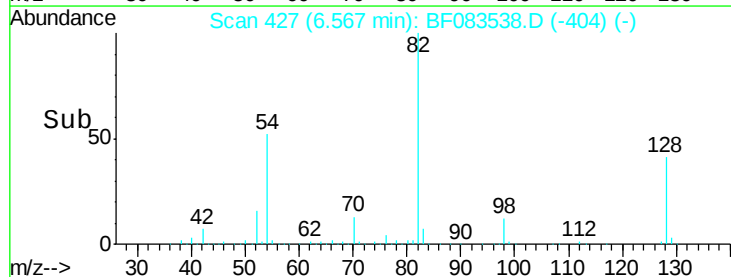


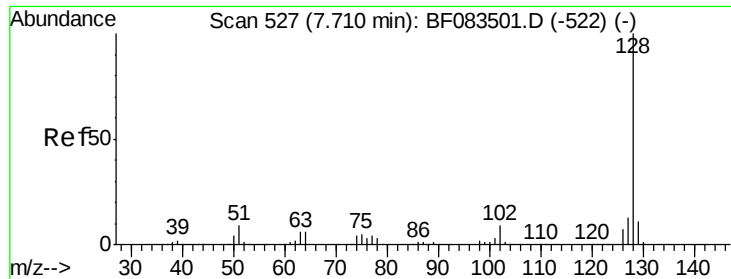
#23
Nitrobenzene-d5
Concen: 97.95 ng
RT: 6.57 min Scan# 427
Delta R.T. -0.03 min
Lab File: BF083538.D
Acq: 7 Dec 2015 2:17

Tgt Ion:	82	Resp:	1505344
Ion	Ratio	Lower	Upper
82	100		
128	40.7	30.7	46.1
54	52.0	42.5	63.7



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

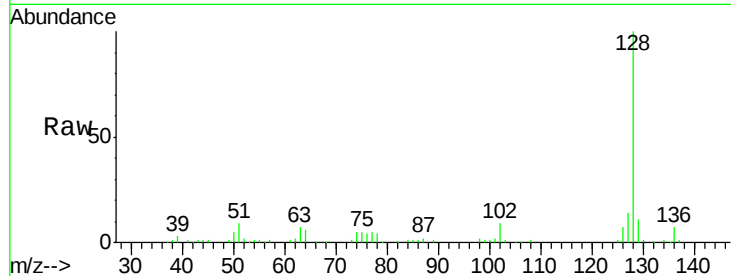




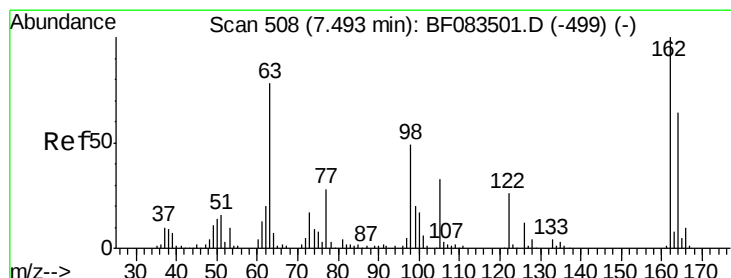
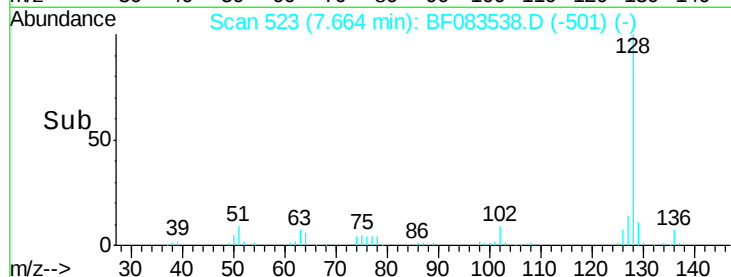
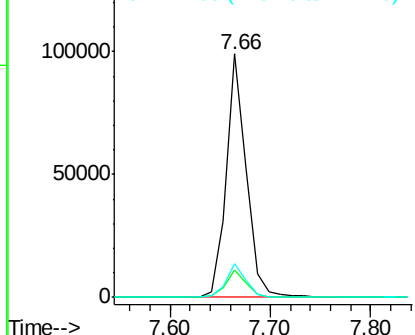
#31
Naphthalene
Concen: 3.58 ng
RT: 7.66 min Scan# 523
Delta R.T. -0.05 min
Lab File: BF083538.D
Acq: 7 Dec 2015 2:17

Instrument :
BNA_G
ClientSampleId :
S35-15.5

Tgt Ion:128 Resp: 136941
Ion Ratio Lower Upper
128 100
129 11.4 8.6 13.0
127 13.7 10.6 16.0

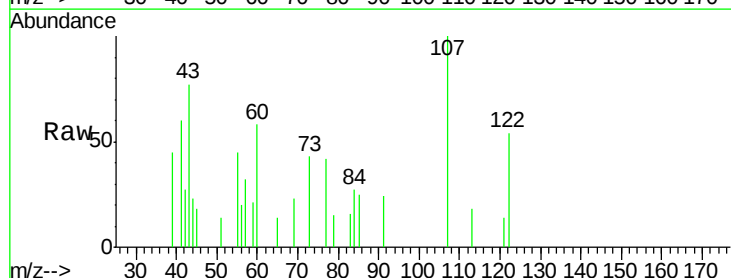


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

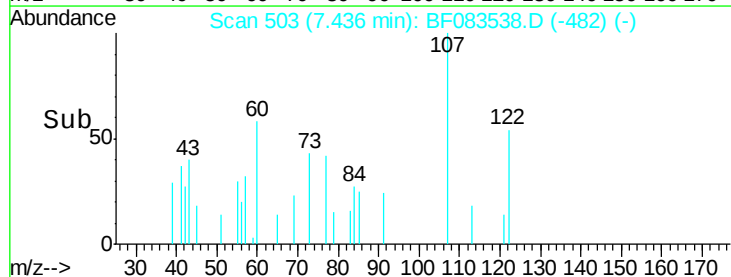
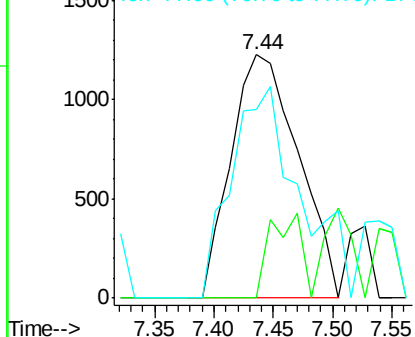


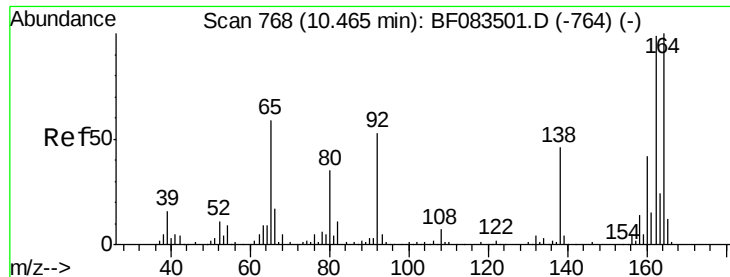
#32
Benzoic acid
Concen: 3.37 ng
RT: 7.44 min Scan# 503
Delta R.T. -0.06 min
Lab File: BF083538.D
Acq: 7 Dec 2015 2:17

Tgt Ion:122 Resp: 4838
Ion Ratio Lower Upper
122 100
105 0.0 105.6 145.6#
77 77.3 86.8 126.8#



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): BF0

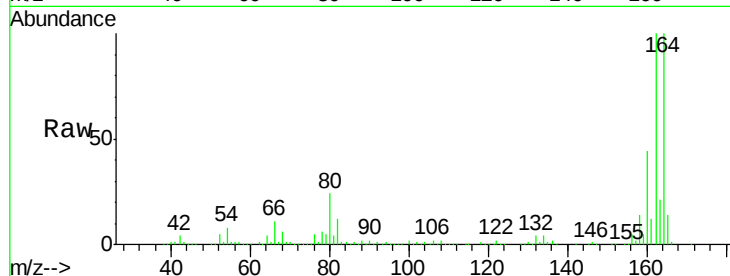




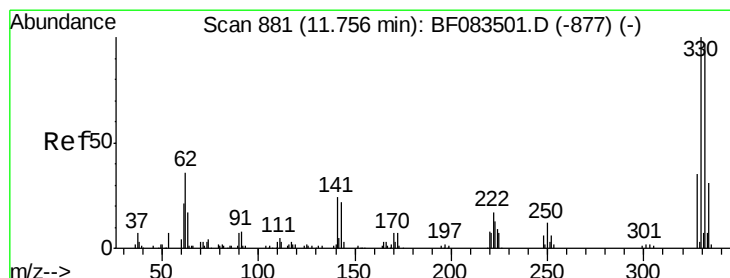
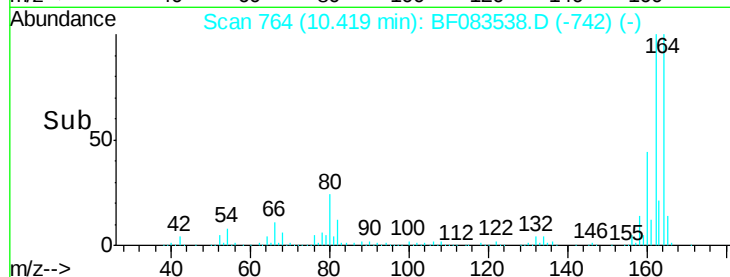
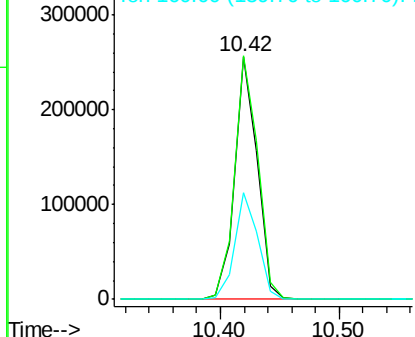
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.42 min Scan# 764
 Delta R.T. -0.05 min
 Lab File: BF083538.D
 Acq: 7 Dec 2015 2:17

Instrument :
 BNA_G
 ClientSampleId :
 S35-15.5

Tgt Ion:164 Resp: 337953
 Ion Ratio Lower Upper
 164 100
 162 100.4 78.8 118.2
 160 44.2 33.4 50.2

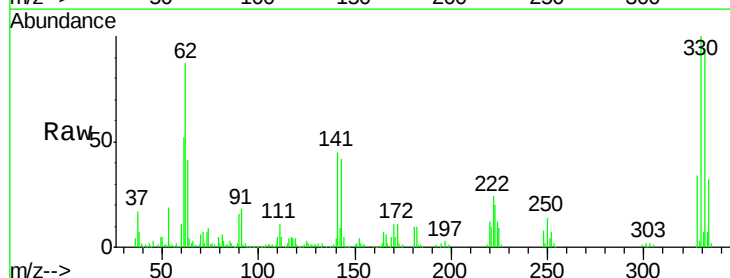


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

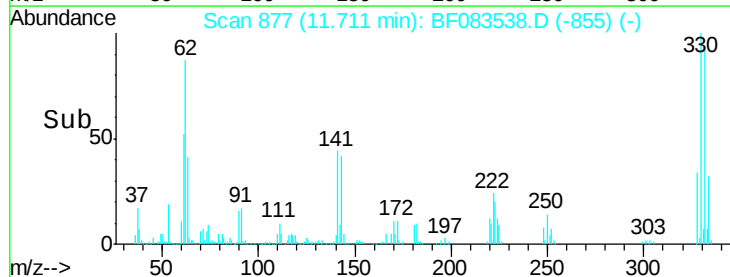
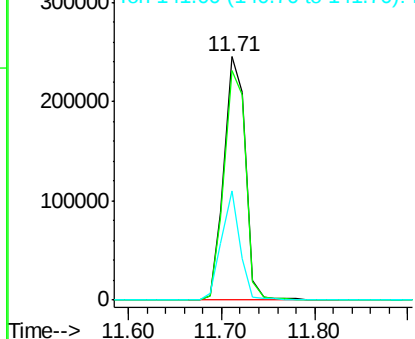


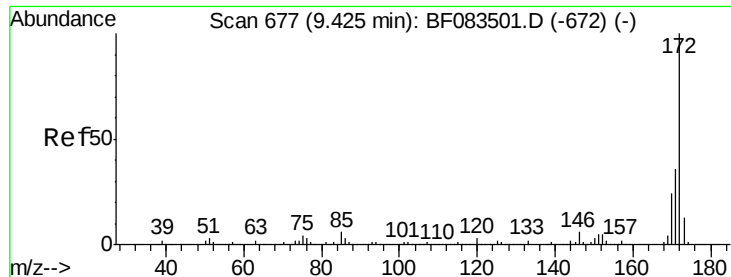
#41
 2,4,6-Tribromophenol
 Concen: 127.18 ng
 RT: 11.71 min Scan# 877
 Delta R.T. -0.05 min
 Lab File: BF083538.D
 Acq: 7 Dec 2015 2:17

Tgt Ion:330 Resp: 396480
 Ion Ratio Lower Upper
 330 100
 332 96.3 0.0 0.0#
 141 39.4 0.0 0.0#



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

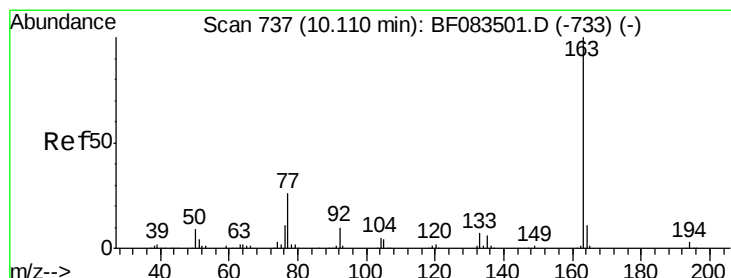
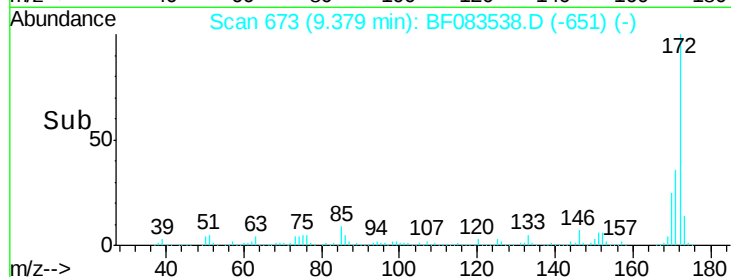
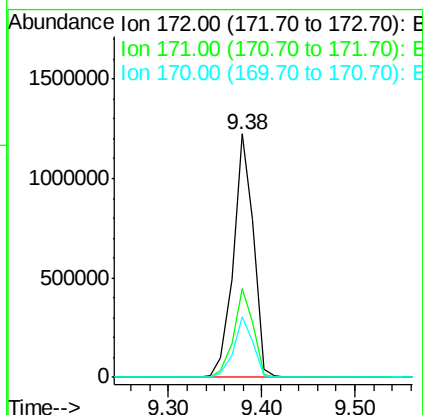
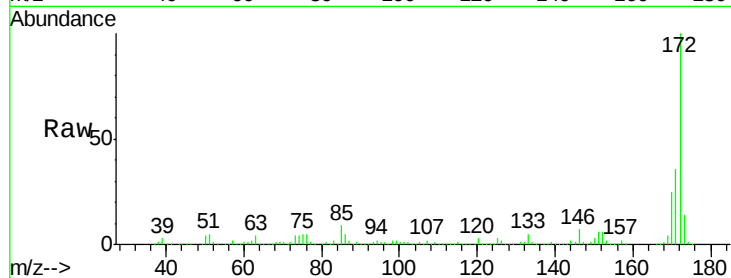




#44
2-Fluorobiphenyl
Concen: 73.53 ng
RT: 9.38 min Scan# 673
Delta R.T. -0.05 min
Lab File: BF083538.D
Acq: 7 Dec 2015 2:17

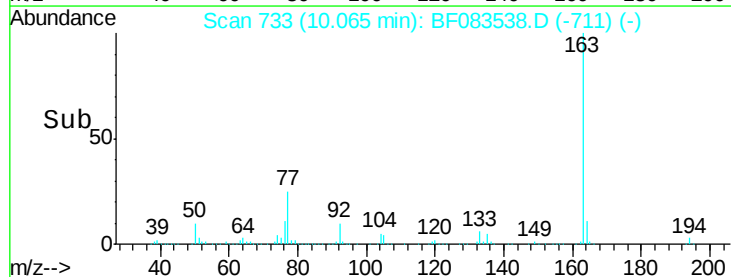
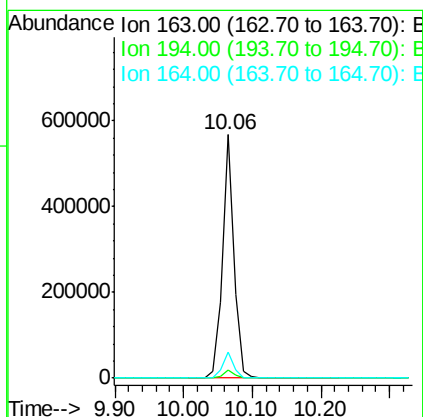
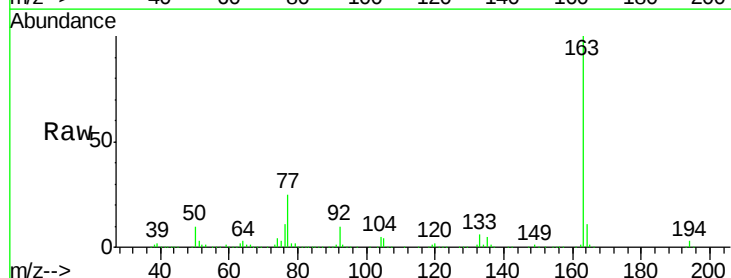
Instrument :
BNA_G
ClientSampleId :
S35-15.5

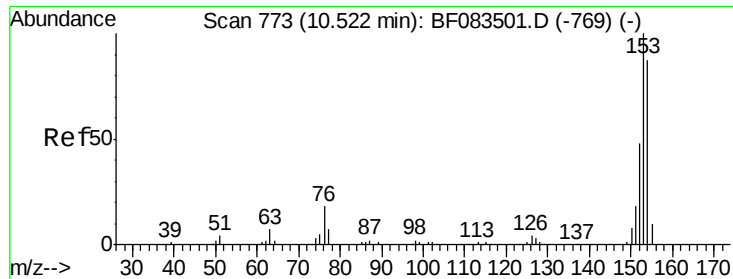
Tgt Ion:172 Resp: 1832091
Ion Ratio Lower Upper
172 100
171 36.2 28.6 42.8
170 25.1 19.4 29.0



#49
Dimethylphthalate
Concen: 25.34 ng
RT: 10.06 min Scan# 733
Delta R.T. -0.05 min
Lab File: BF083538.D
Acq: 7 Dec 2015 2:17

Tgt Ion:163 Resp: 674084
Ion Ratio Lower Upper
163 100
194 3.3 2.8 4.2
164 10.6 8.6 13.0





#51

Acenaphthene

Concen: 10.92 ng

RT: 10.48 min Scan# 769

Delta R.T. -0.05 min

Lab File: BF083538.D

Acq: 7 Dec 2015 2:17

Instrument :

BNA_G

ClientSampleId :

S35-15.5

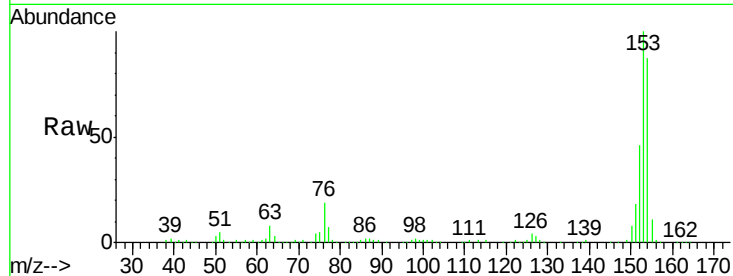
Tgt Ion:154 Resp: 232896

Ion Ratio Lower Upper

154 100

153 115.2 91.4 137.0

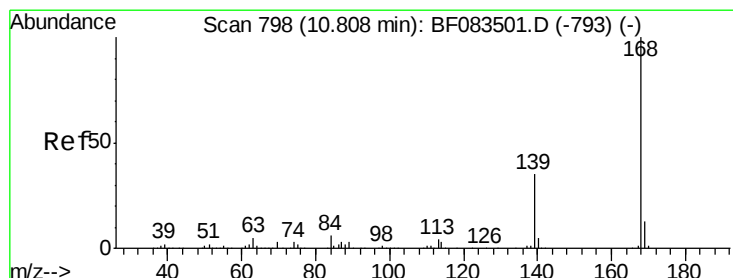
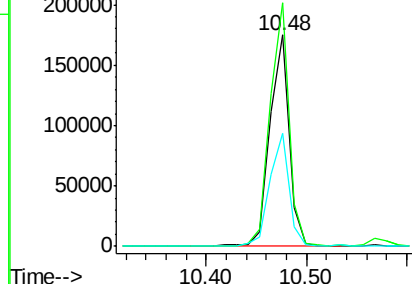
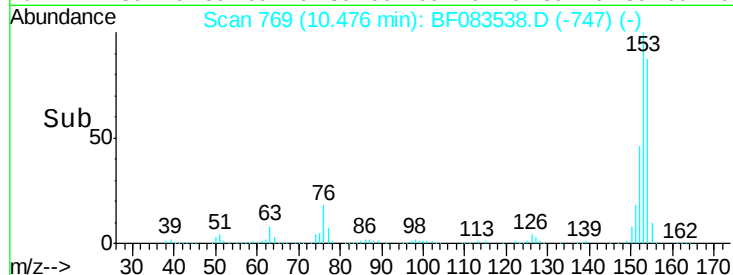
152 53.3 43.4 65.2



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



#54

Dibenzofuran

Concen: 3.97 ng

RT: 10.76 min Scan# 794

Delta R.T. -0.05 min

Lab File: BF083538.D

Acq: 7 Dec 2015 2:17

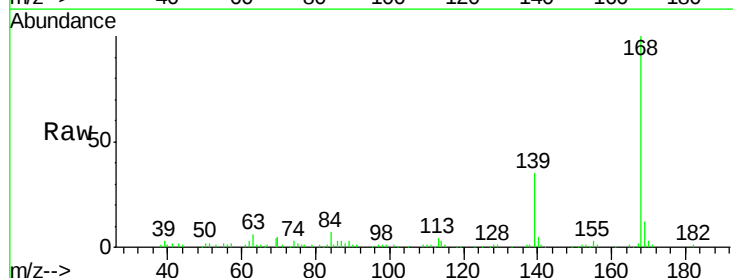
Tgt Ion:168 Resp: 117253

Ion Ratio Lower Upper

168 100

139 34.9 28.0 42.0

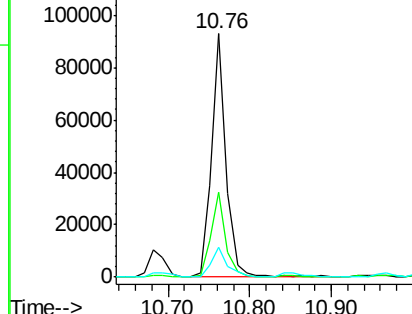
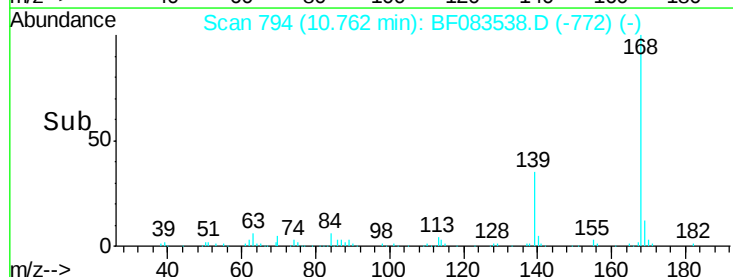
169 12.1 10.8 16.2

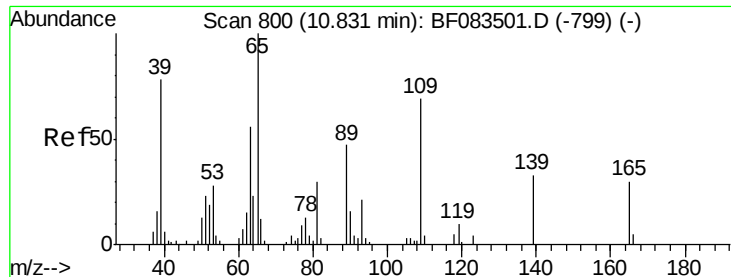


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

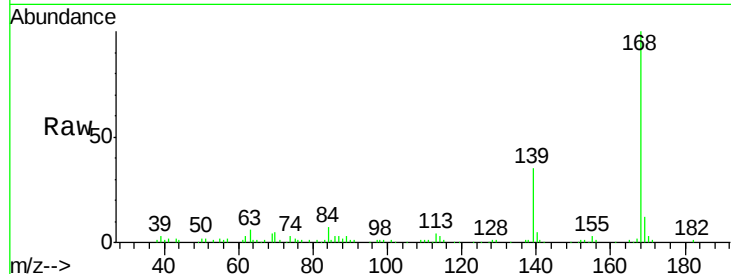




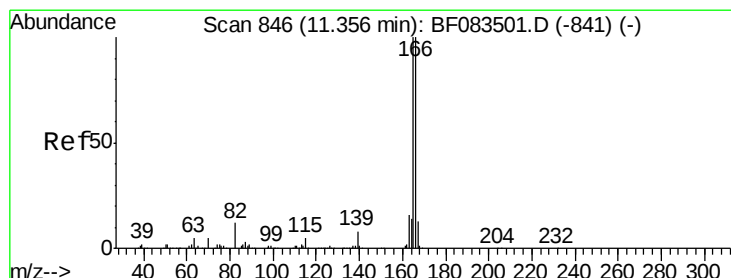
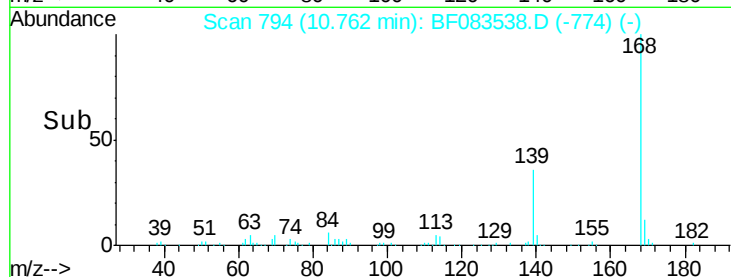
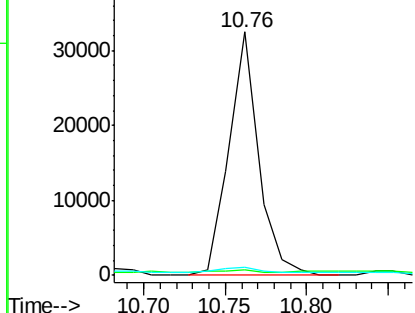
#55
4-Nitrophenol
Concen: 11.96 ng
RT: 10.76 min Scan# 794
Delta R.T. -0.07 min
Lab File: BF083538.D
Acq: 7 Dec 2015 2:17

Instrument :
BNA_G
ClientSampleId :
S35-15.5

Tgt Ion:139 Resp: 40666
Ion Ratio Lower Upper
139 100
109 2.1 42.0 82.0#
65 3.3 89.2 129.2#

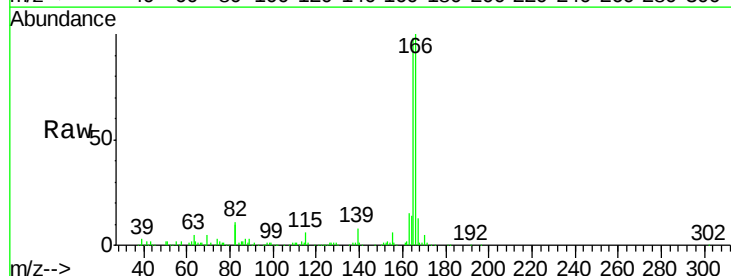


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

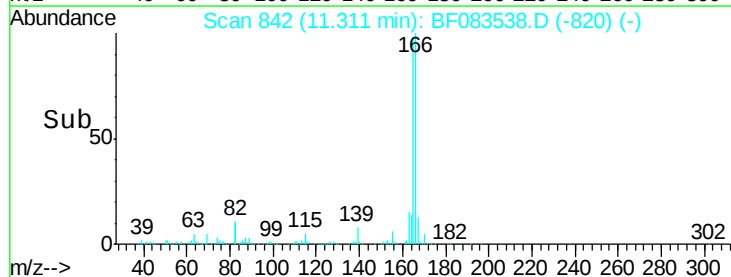
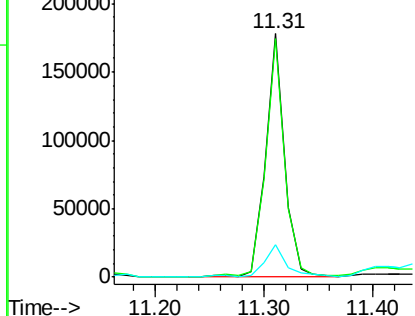


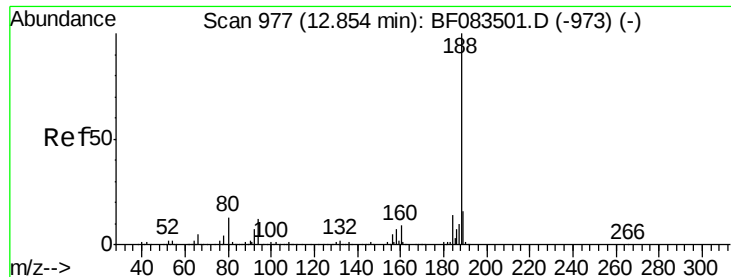
#57
Fluorene
Concen: 8.51 ng
RT: 11.31 min Scan# 842
Delta R.T. -0.05 min
Lab File: BF083538.D
Acq: 7 Dec 2015 2:17

Tgt Ion:166 Resp: 218606
Ion Ratio Lower Upper
166 100
165 97.7 80.0 120.0
167 13.3 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

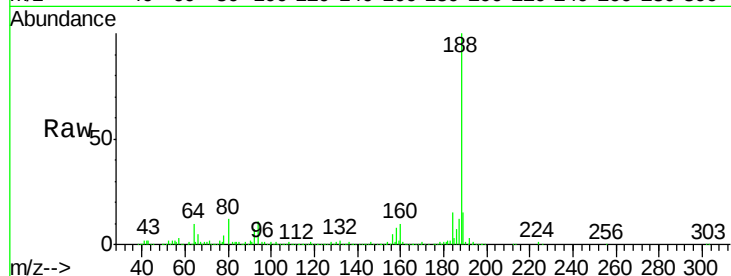




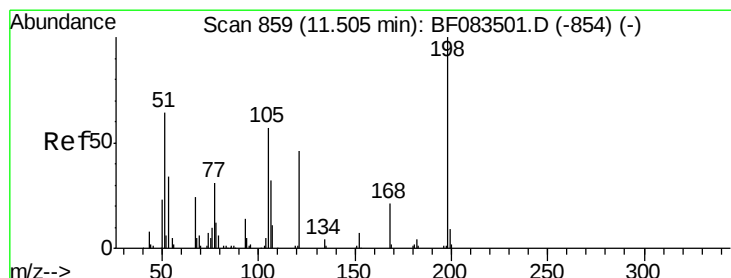
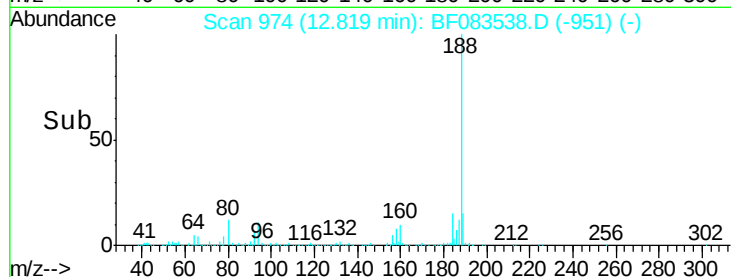
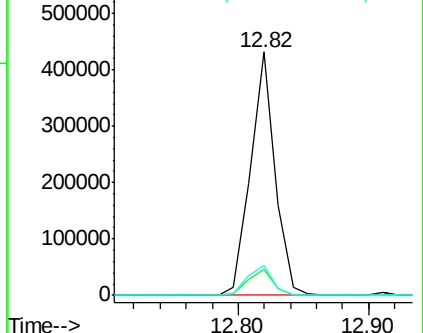
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.82 min Scan# 974
Delta R.T. -0.03 min
Lab File: BF083538.D
Acq: 7 Dec 2015 2:17

Instrument :
BNA_G
ClientSampleId :
S35-15.5

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.8	9.4	14.2
80	12.1	10.6	16.0

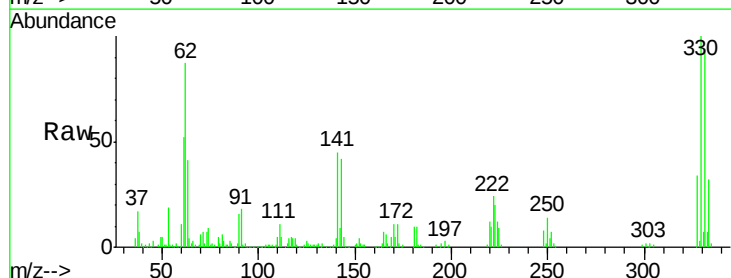


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

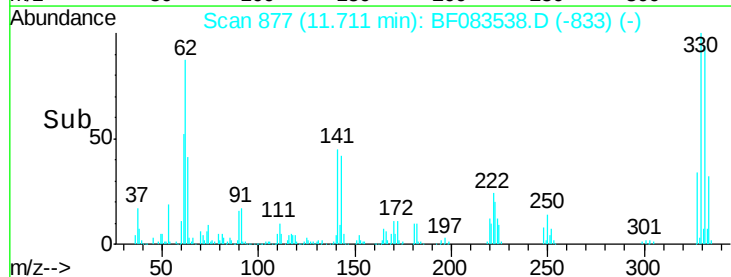
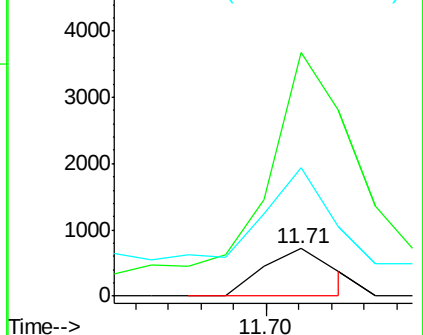


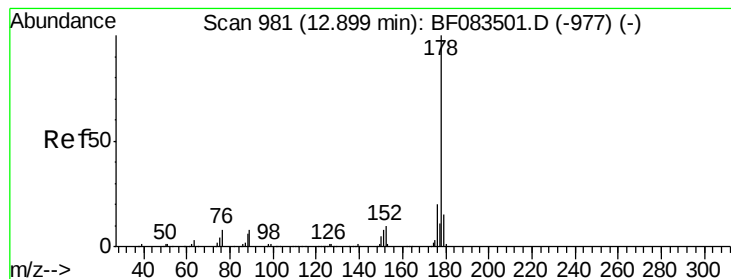
#64
4,6-Dinitro-2-methylphenol
Concen: 3.74 ng
RT: 11.71 min Scan# 877
Delta R.T. 0.21 min
Lab File: BF083538.D
Acq: 7 Dec 2015 2:17

Tgt Ion	Ratio	Lower	Upper
198	100		
51	516.2	53.8	93.8#
105	273.3	38.6	78.6#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#70

Phenanthrene

Concen: 50.39 ng

RT: 12.86 min Scan# 978

Delta R.T. -0.03 min

Lab File: BF083538.D

Acq: 7 Dec 2015 2:17

Instrument :

BNA_G

ClientSampleId :

S35-15.5

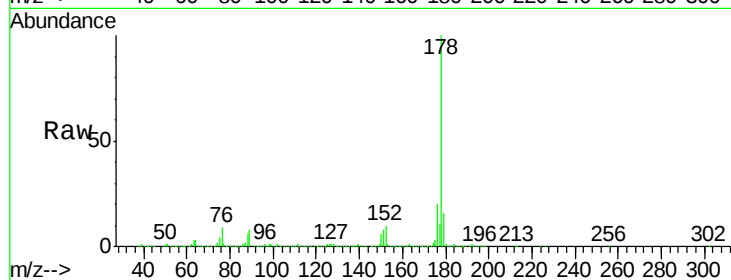
Tgt Ion:178 Resp: 1659334

Ion Ratio Lower Upper

178 100

176 19.9 15.7 23.5

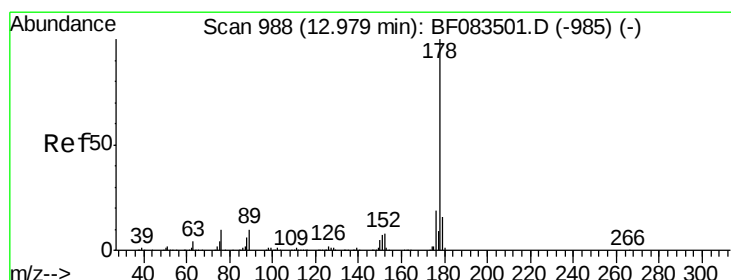
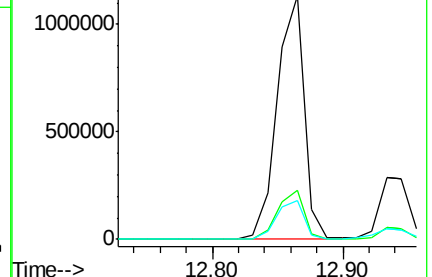
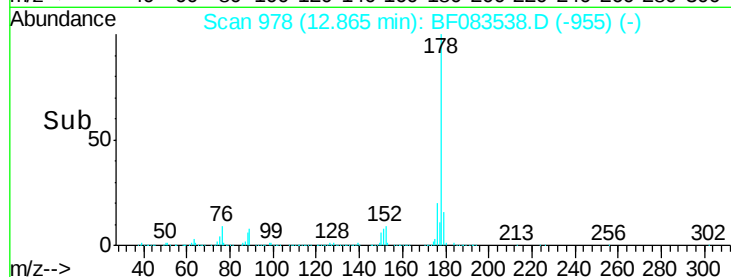
179 15.8 12.2 18.4



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: 13.58 ng

RT: 12.93 min Scan# 984

Delta R.T. -0.05 min

Lab File: BF083538.D

Acq: 7 Dec 2015 2:17

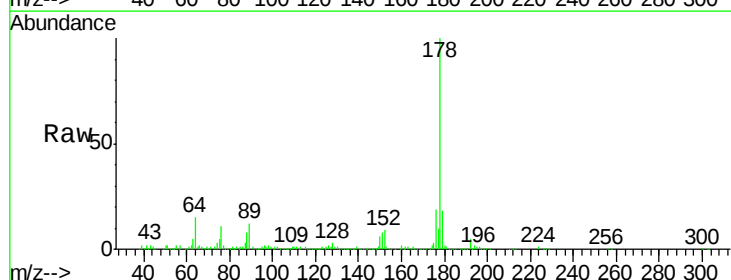
Tgt Ion:178 Resp: 456002

Ion Ratio Lower Upper

178 100

176 18.9 15.2 22.8

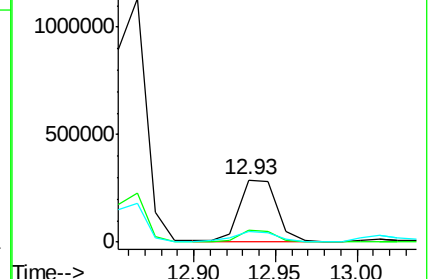
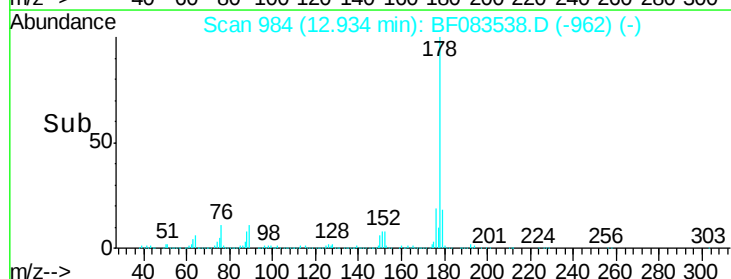
179 17.9 12.6 18.8

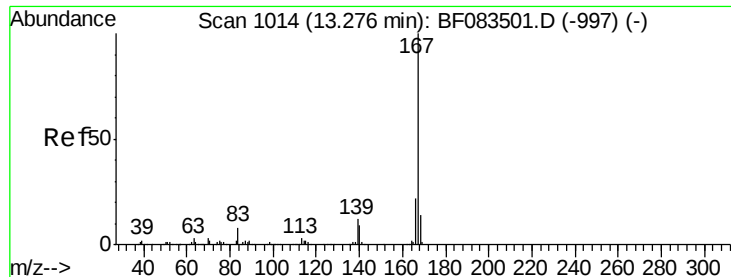


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

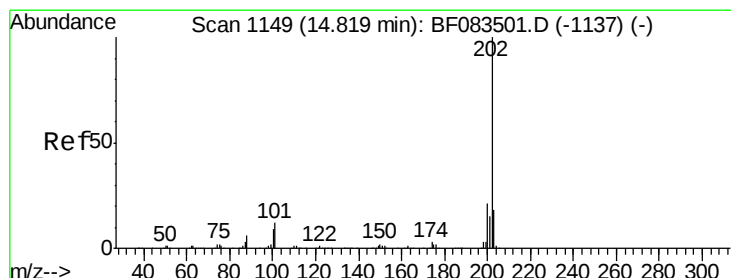
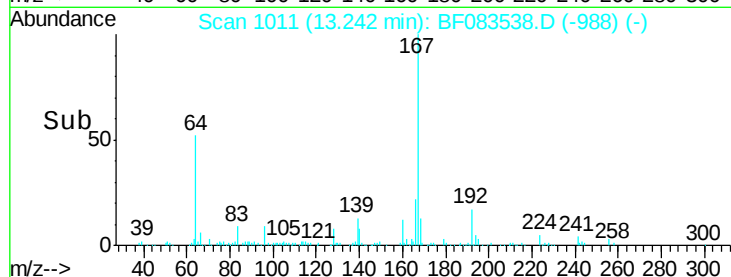
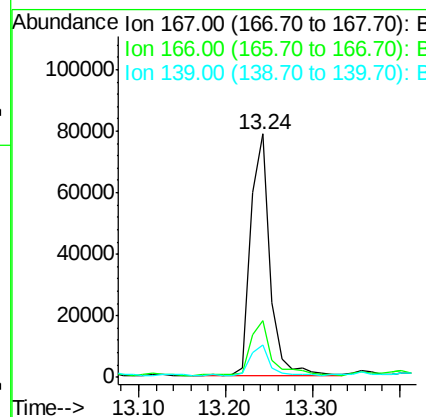
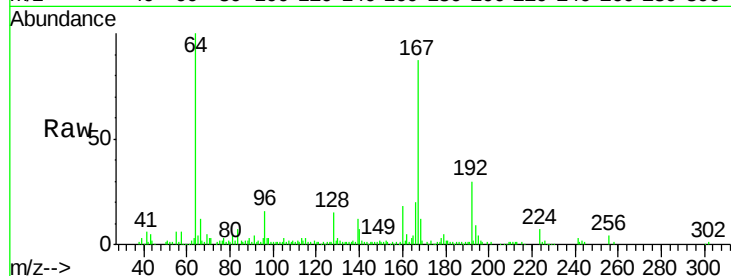




#72
 Carbazole
 Concen: 4.27 ng
 RT: 13.24 min Scan# 1011
 Delta R.T. -0.03 min
 Lab File: BF083538.D
 Acq: 7 Dec 2015 2:17

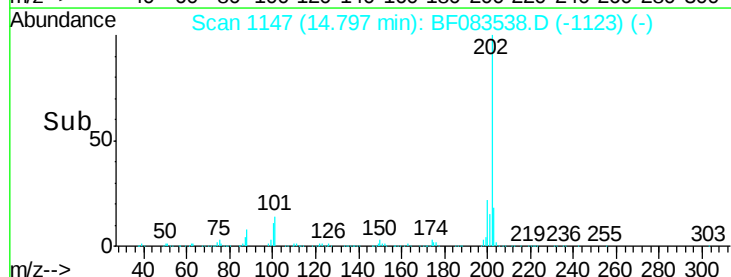
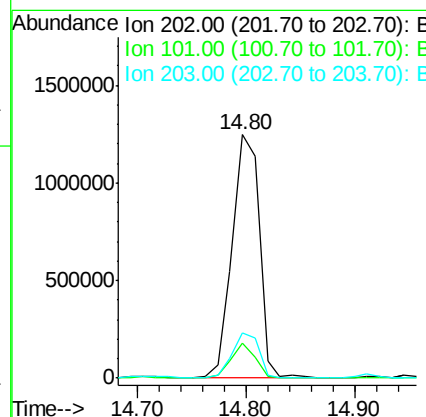
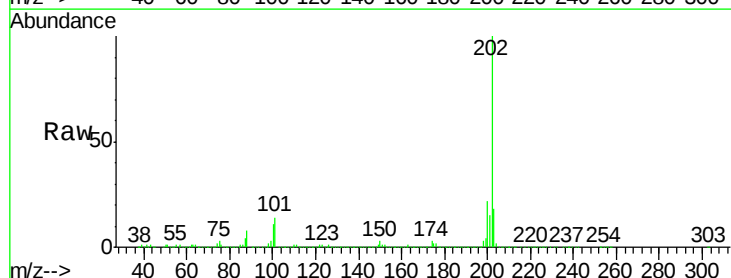
Instrument :
 BNA_G
 ClientSampleId :
 S35-15.5

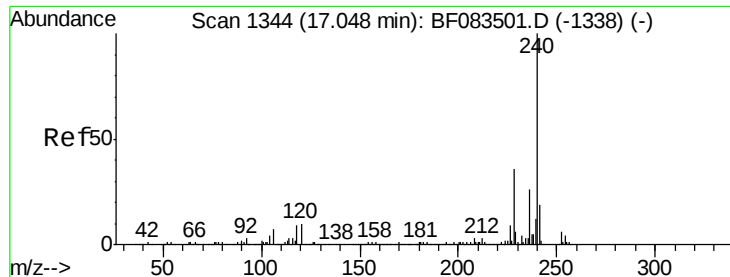
Tgt Ion:167 Resp: 123267
 Ion Ratio Lower Upper
 167 100
 166 23.1 17.2 25.8
 139 13.3 9.3 13.9



#74
 Fluoranthene
 Concen: 65.47 ng
 RT: 14.80 min Scan# 1147
 Delta R.T. -0.02 min
 Lab File: BF083538.D
 Acq: 7 Dec 2015 2:17

Tgt Ion:202 Resp: 2136795
 Ion Ratio Lower Upper
 202 100
 101 14.2 0.0 31.5
 203 18.4 0.0 37.6

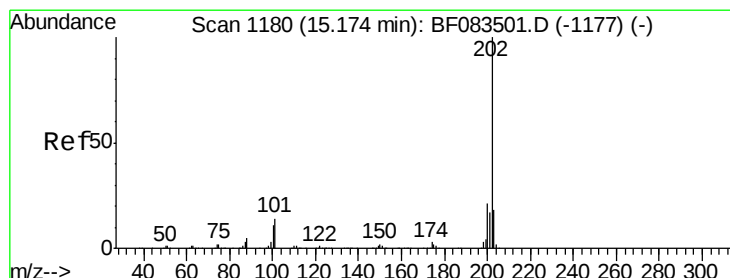
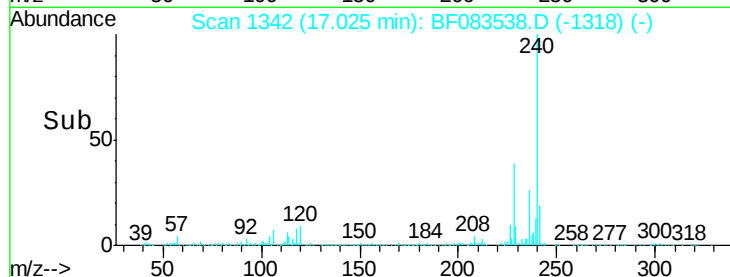
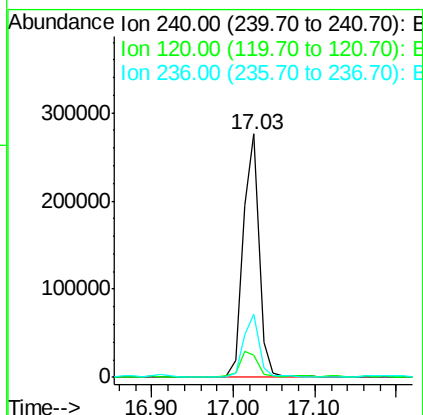
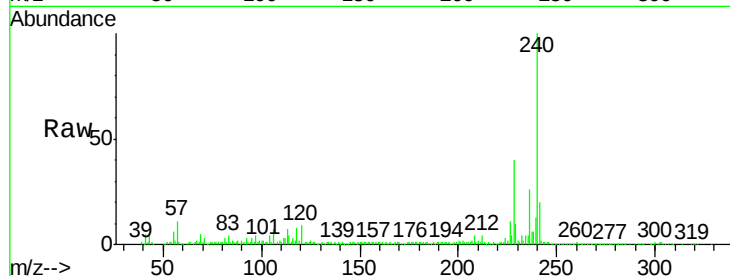




#75
Chrysene-d12
Concen: 20.00 ng
RT: 17.03 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BF083538.D
Acq: 7 Dec 2015 2:17

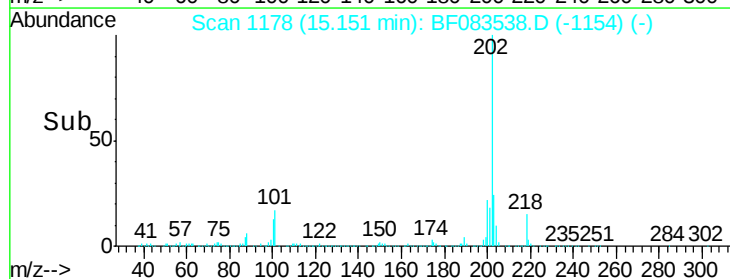
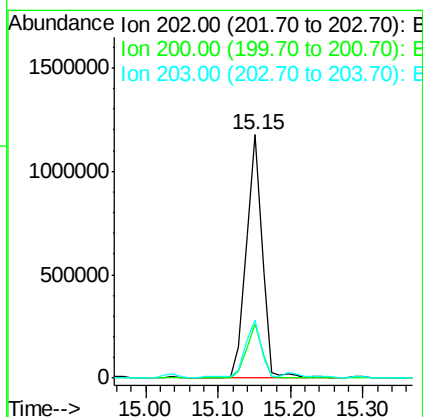
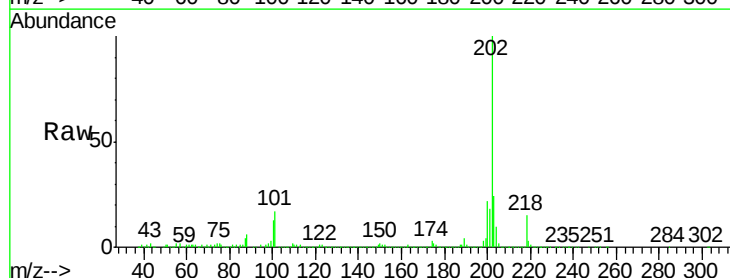
Instrument :
BNA_G
ClientSampleId :
S35-15.5

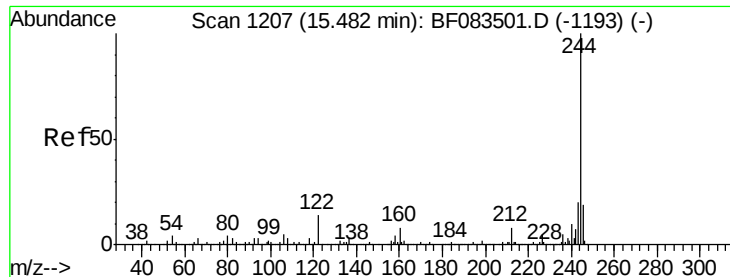
Tgt Ion:240 Resp: 369176
Ion Ratio Lower Upper
240 100
120 9.1 8.1 12.1
236 26.1 20.8 31.2



#77
Pyrene
Concen: 65.03 ng
RT: 15.15 min Scan# 1178
Delta R.T. -0.02 min
Lab File: BF083538.D
Acq: 7 Dec 2015 2:17

Tgt Ion:202 Resp: 1796029
Ion Ratio Lower Upper
202 100
200 22.4 16.7 25.1
203 24.1 14.3 21.5#





#78

Terphenyl-d14

Concen: 74.04 ng

RT: 15.46 min Scan# 1205

Delta R.T. -0.02 min

Lab File: BF083538.D

Acq: 7 Dec 2015 2:17

Instrument :

BNA_G

ClientSampleId :

S35-15.5

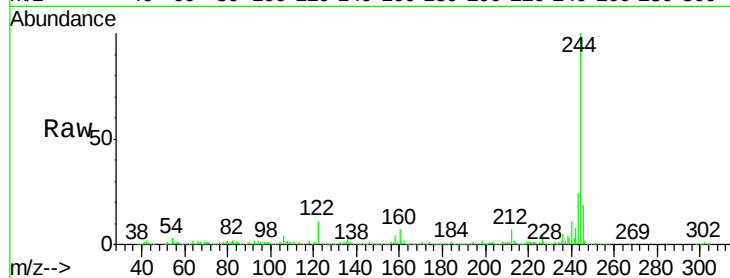
Tgt Ion:244 Resp: 1228295

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

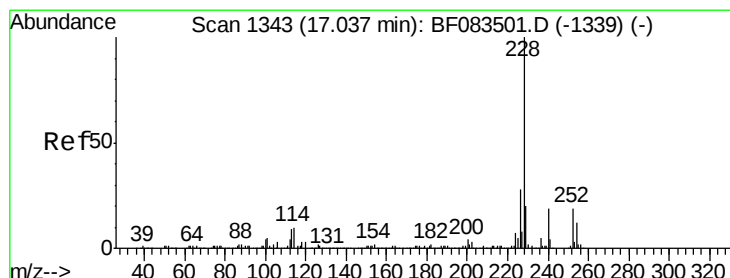
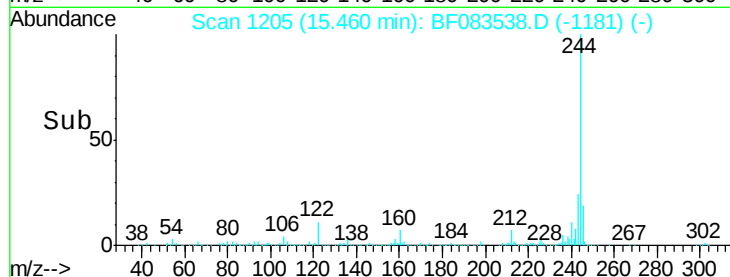
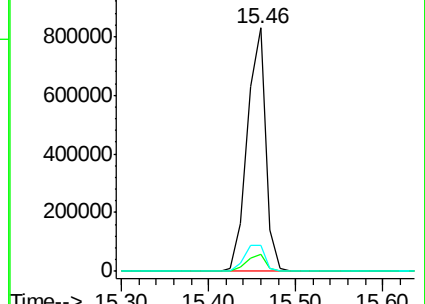
122 10.8 11.0 16.6#



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: 35.99 ng

RT: 17.01 min Scan# 1341

Delta R.T. -0.02 min

Lab File: BF083538.D

Acq: 7 Dec 2015 2:17

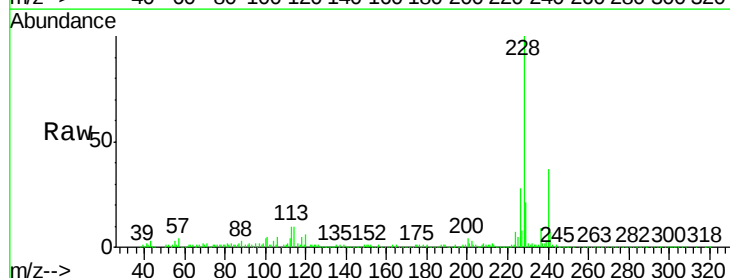
Tgt Ion:228 Resp: 777475

Ion Ratio Lower Upper

228 100

226 28.1 22.3 33.5

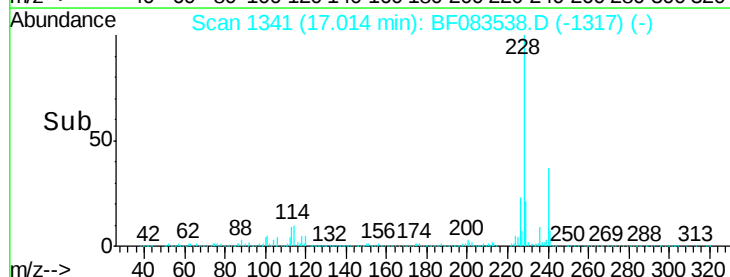
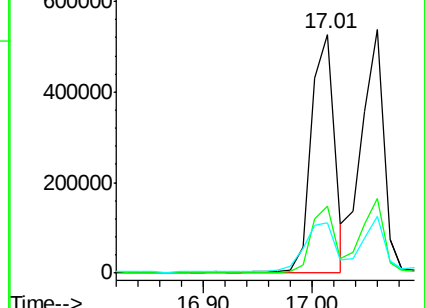
229 20.9 15.7 23.5

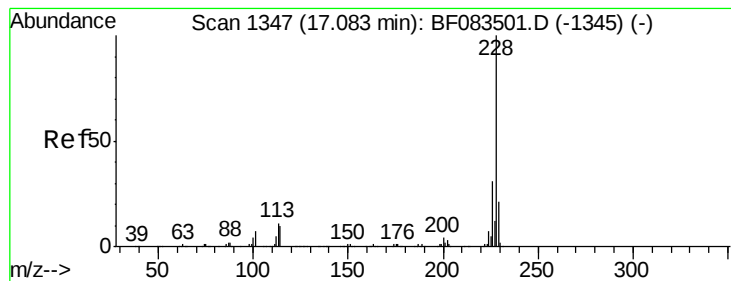


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 35.37 ng

RT: 17.06 min Scan# 1345

Delta R.T. -0.02 min

Lab File: BF083538.D

Acq: 7 Dec 2015 2:17

Instrument :

BNA_G

ClientSampleId :

S35-15.5

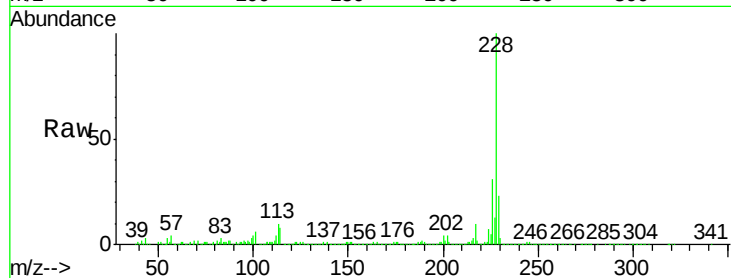
Tgt Ion:228 Resp: 761188

Ion Ratio Lower Upper

228 100

226 30.7 24.7 37.1

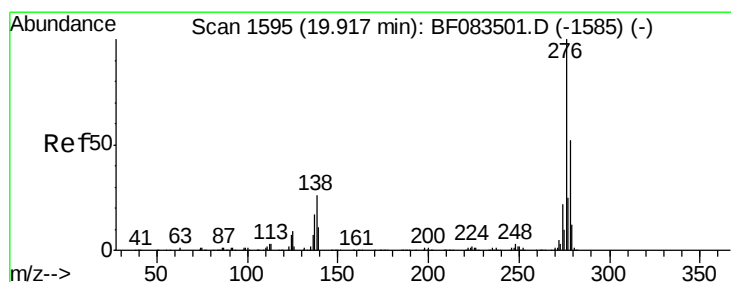
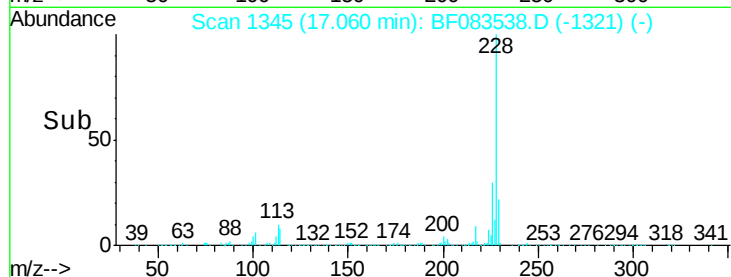
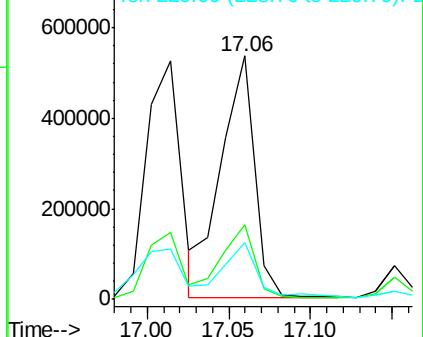
229 23.3 16.3 24.5



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: 18.66 ng

RT: 19.89 min Scan# 1593

Delta R.T. -0.02 min

Lab File: BF083538.D

Acq: 7 Dec 2015 2:17

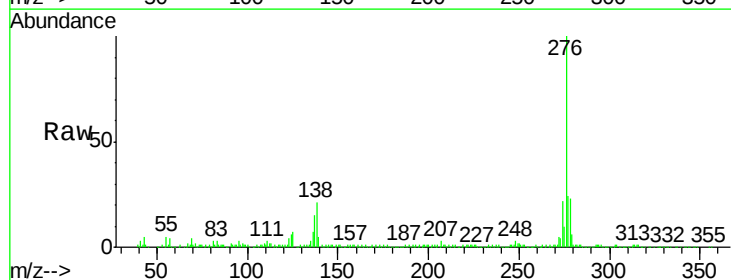
Tgt Ion:276 Resp: 344224

Ion Ratio Lower Upper

276 100

138 22.9 0.0 0.0#

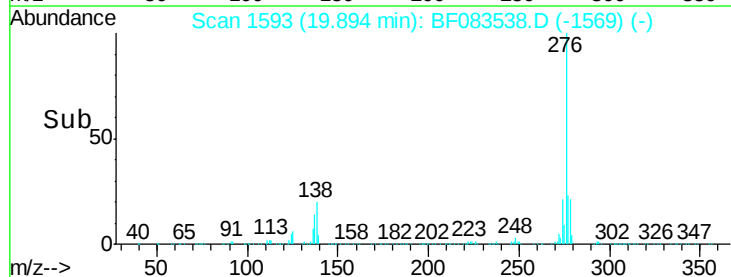
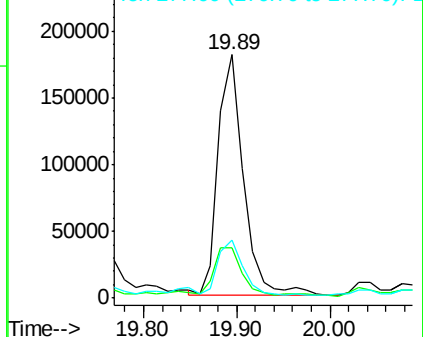
277 25.8 0.0 0.0#

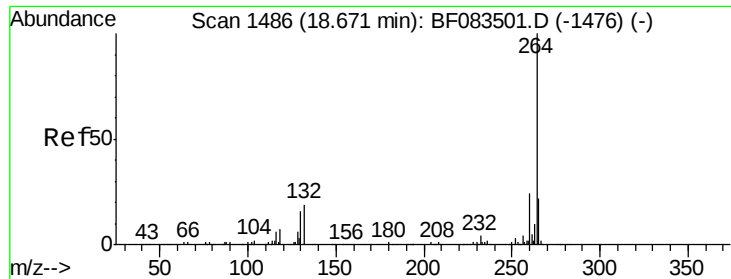


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

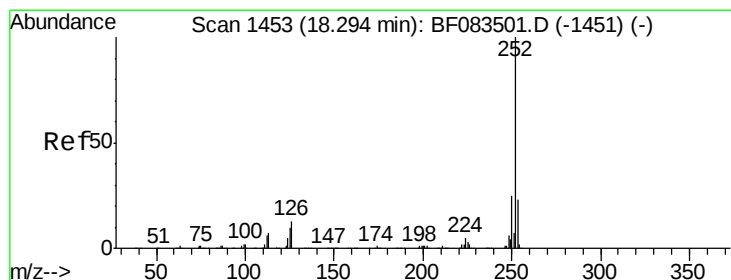
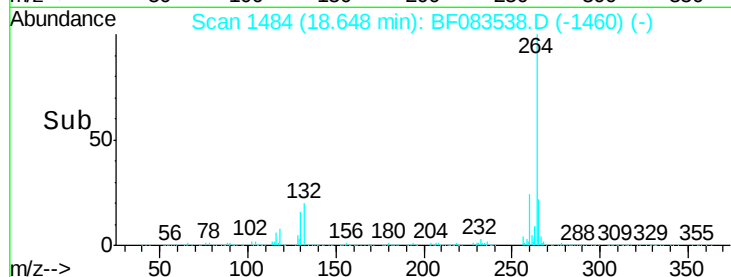
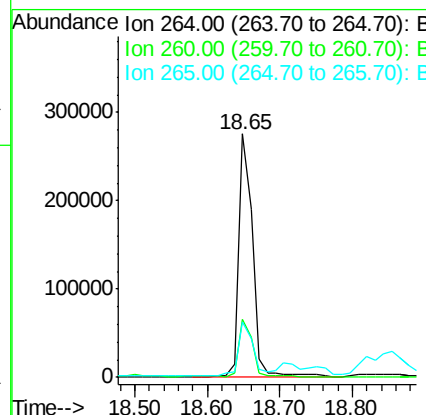
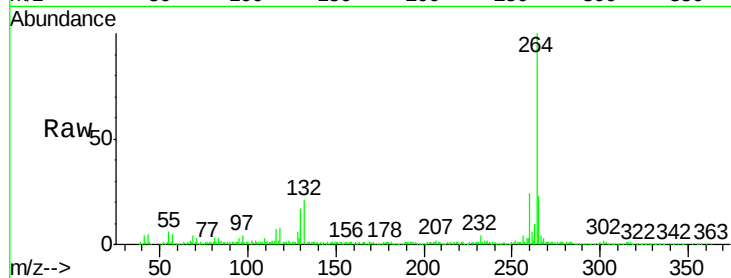




#86
Perylene-d12
Concen: 20.00 ng
RT: 18.65 min Scan# 1484
Delta R.T. -0.02 min
Lab File: BF083538.D
Acq: 7 Dec 2015 2:17

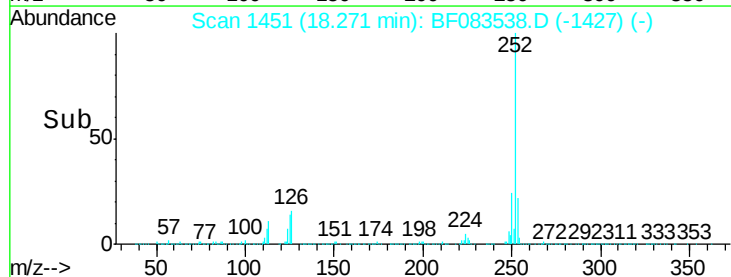
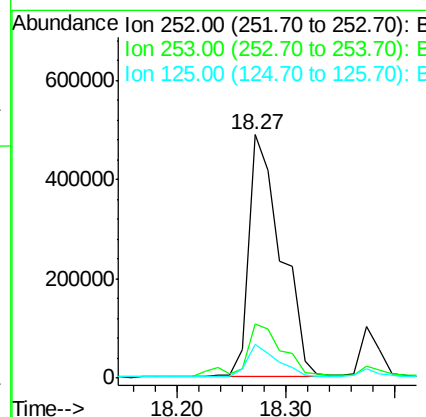
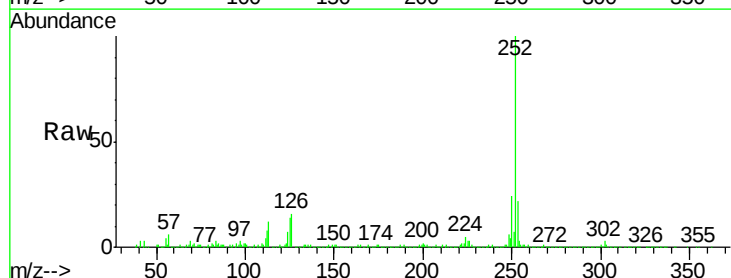
Instrument :
BNA_G
ClientSampleId :
S35-15.5

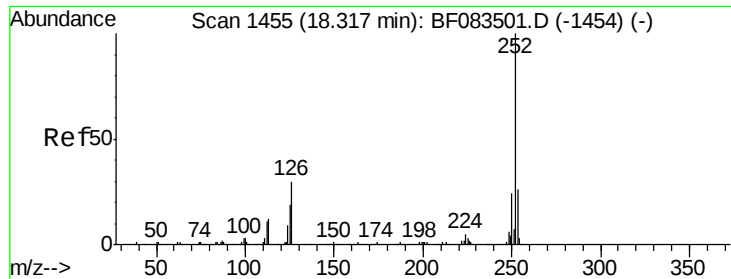
Tgt Ion:264 Resp: 358698
Ion Ratio Lower Upper
264 100
260 24.0 19.4 29.0
265 22.9 17.8 26.6



#87
Benzo(b)fluoranthene
Concen: 49.83 ng
RT: 18.27 min Scan# 1451
Delta R.T. -0.02 min
Lab File: BF083538.D
Acq: 7 Dec 2015 2:17

Tgt Ion:252 Resp: 1003889
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.4
125 14.1 8.2 12.4#

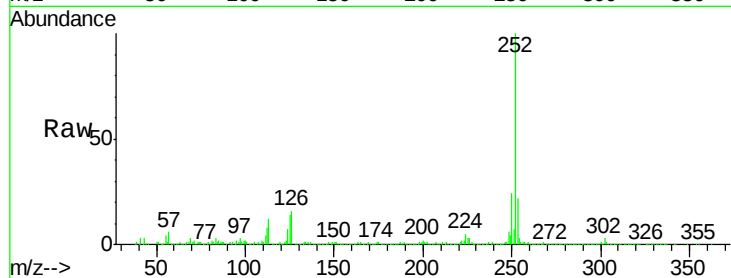




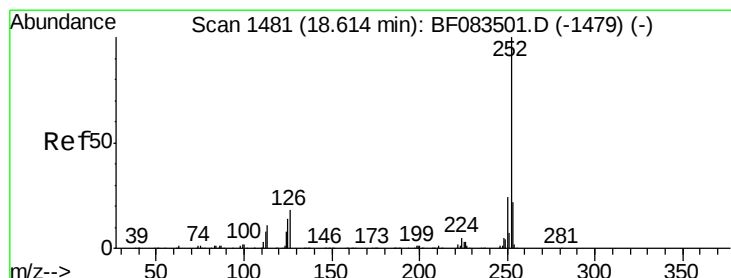
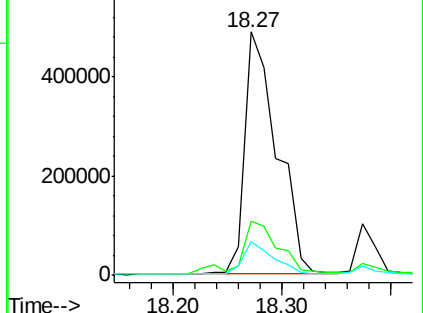
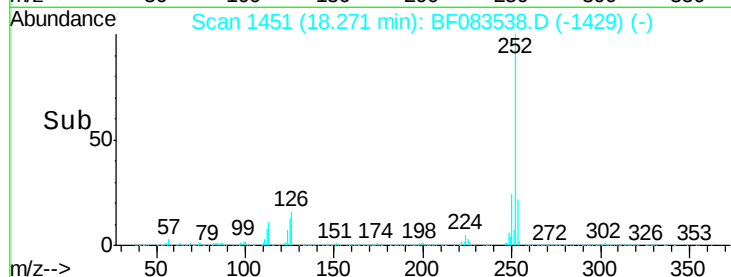
#88
Benzo(k)fluoranthene
Concen: 48.65 ng
RT: 18.27 min Scan# 1451
Delta R.T. -0.05 min
Lab File: BF083538.D
Acq: 7 Dec 2015 2:17

Instrument :
BNA_G
ClientSampleId :
S35-15.5

Tgt Ion:252 Resp: 1003889
Ion Ratio Lower Upper
252 100
253 22.4 18.6 27.8
125 14.1 11.5 17.3

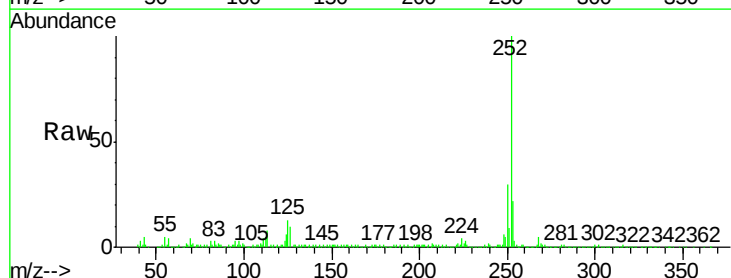


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

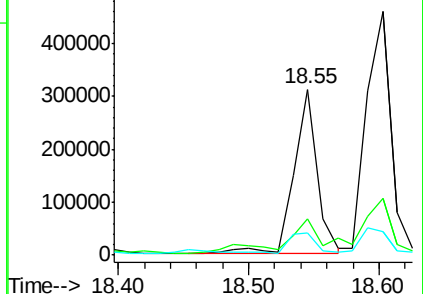
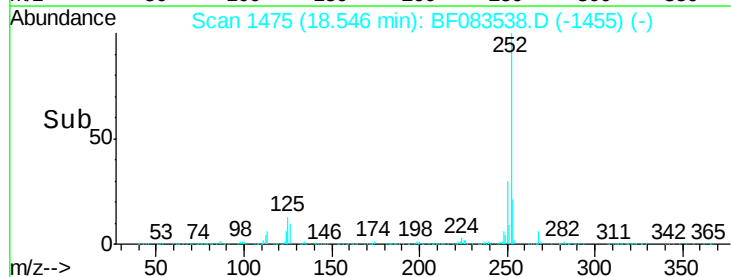


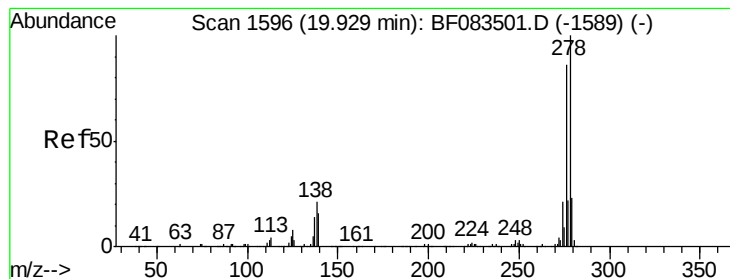
#89
Benzo(a)pyrene
Concen: 19.48 ng
RT: 18.55 min Scan# 1475
Delta R.T. -0.07 min
Lab File: BF083538.D
Acq: 7 Dec 2015 2:17

Tgt Ion:252 Resp: 381789
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 13.1 11.0 16.6



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: 4.84 ng

RT: 19.89 min Scan# 1593

Delta R.T. -0.03 min

Lab File: BF083538.D

Acq: 7 Dec 2015 2:17

Instrument :

BNA_G

ClientSampleId :

S35-15.5

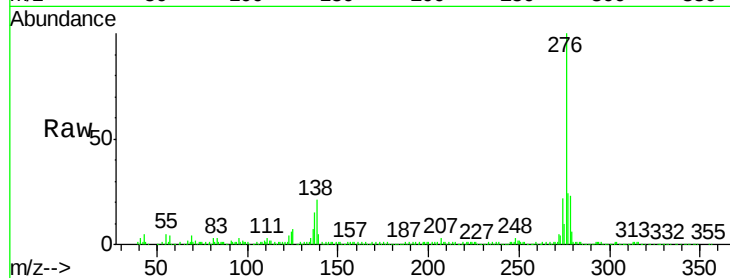
Tgt Ion: 278 Resp: 91235

Ion Ratio Lower Upper

278 100

139 19.8 12.8 19.2#

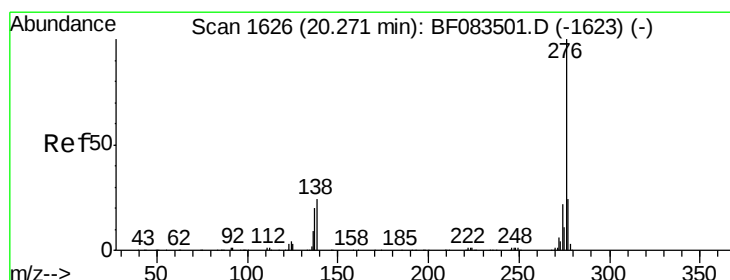
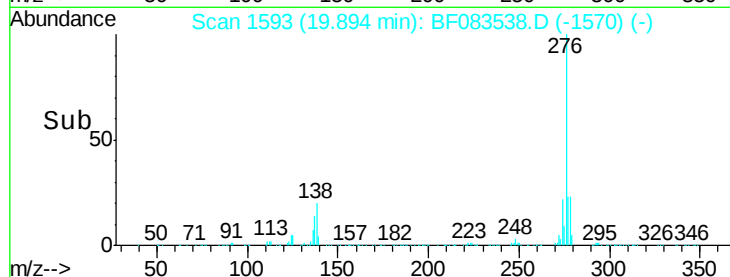
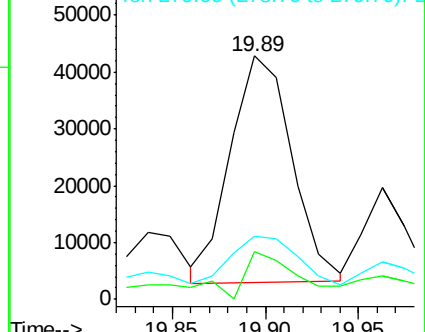
279 26.0 18.6 28.0



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: 16.38 ng

RT: 20.25 min Scan# 1624

Delta R.T. -0.02 min

Lab File: BF083538.D

Acq: 7 Dec 2015 2:17

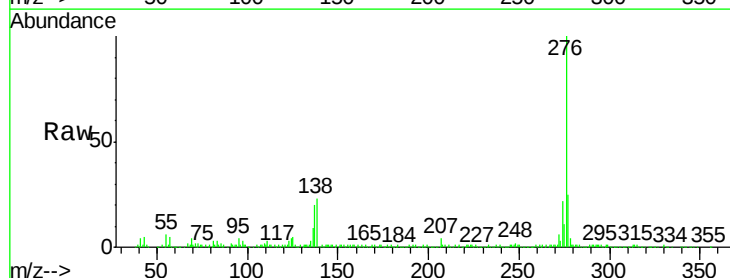
Tgt Ion: 276 Resp: 311227

Ion Ratio Lower Upper

276 100

277 24.6 19.2 28.8

138 22.6 19.5 29.3



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

