

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
 Data File : BF081837.D
 Acq On : 26 Sep 2015 19:57
 Operator : UM/IZ
 Sample : G3779-03
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S2-10

Quant Time: Sep 28 03:18:57 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 25 06:02:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	108039	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	410794	20.00	ng	-0.01
38) Acenaphthene-d10	9.98	164	185198	20.00	ng	-0.02
63) Phenanthrene-d10	11.47	188	326517	20.00	ng	0.00
75) Chrysene-d12	14.12	240	231627	20.00	ng	0.00
86) Perylene-d12	15.59	264	264571	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	795075	124.50	ng	0.00
7) Phenol-d6	6.56	99	994928	123.17	ng	-0.01
23) Nitrobenzene-d5	7.51	82	747899	120.12	ng	-0.01
41) 2,4,6-Tribromophenol	10.78	330	226650	140.96	ng	-0.01
44) 2-Fluorobiphenyl	9.30	172	1014815	89.95	ng	-0.01
78) Terphenyl-d14	13.05	244	715639	70.58	ng	-0.01

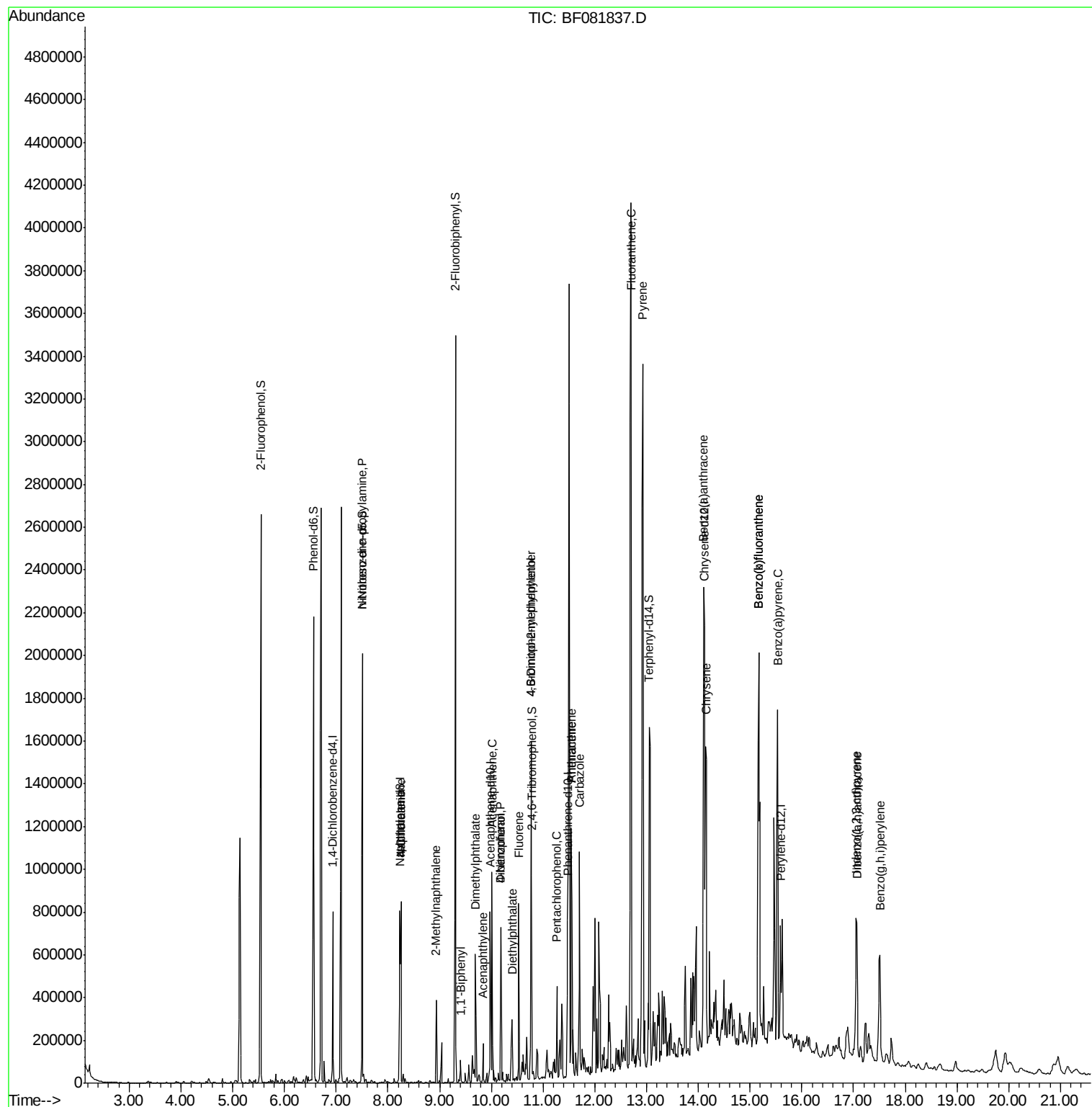
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.51	70	103460	19.21	ng	# 57
31) Naphthalene	8.25	128	482466	25.46	ng	99
33) 4-Chloroaniline	8.25	127	61973	7.45	ng	# 34
37) 2-Methylnaphthalene	8.94	142	96646	7.16	ng	# 91
45) 1,1'-Biphenyl	9.41	154	39754	2.75	ng	96
48) Acenaphthylene	9.84	152	63195	3.21	ng	98
49) Dimethylphthalate	9.69	163	302091	21.44	ng	# 97
51) Acenaphthene	10.01	154	203898	17.95	ng	90
54) Dibenzofuran	10.18	168	267226	16.04	ng	# 88
55) 4-Nitrophenol	10.18	139	99438	48.88	ng	# 27
57) Fluorene	10.53	166	226790	17.73	ng	92
59) Diethylphthalate	10.40	149	90663	6.64	ng	97
64) 4,6-Dinitro-2-methylphenol	10.77	198	331	8.10	ng	# 1
66) 4-Bromophenyl-phenylether	10.77	248	13806	3.80	ng	# 1
69) Pentachlorophenol	11.27	266	445	5.84	ng	93
70) Phenanthrene	11.54	178	643869	34.49	ng	96
71) Anthracene	11.54	178	643869	35.79	ng	96
72) Carbazole	11.70	167	455776	27.29	ng	96
74) Fluoranthene	12.70	202	2336761	124.23	ng	87
77) Pyrene	12.93	202	1924714	110.22	ng	# 94
80) Benzo(a)anthracene	14.10	228	1097257	78.12	ng	93
82) Chrysene	14.15	228	761542	56.54	ng	91
85) Indeno(1,2,3-cd)pyrene	17.05	276	519814	42.15	ng	# 81
87) Benzo(b)fluoranthene	15.17	252	1607408	102.45	ng	# 86
88) Benzo(k)fluoranthene	15.17	252	1607408	106.36	ng	# 86
89) Benzo(a)pyrene	15.53	252	785482	55.45	ng	# 84
90) Dibenzo(a,h)anthracene	17.06	278	113719	7.70	ng	# 62
91) Benzo(g,h,i)perylene	17.51	276	462225	30.37	ng	# 74

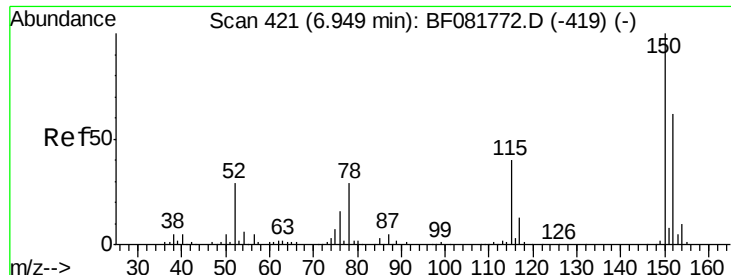
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF081837.D

Acq: 26 Sep 2015 19:57

Instrument :

BNA_F

ClientSampleId :

S2-10

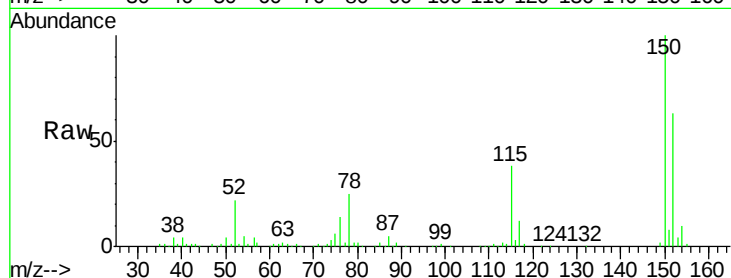
Tgt Ion:152 Resp: 108039

Ion Ratio Lower Upper

152 100

150 158.2 124.7 187.1

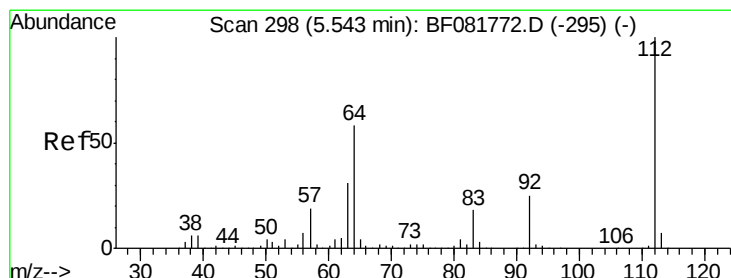
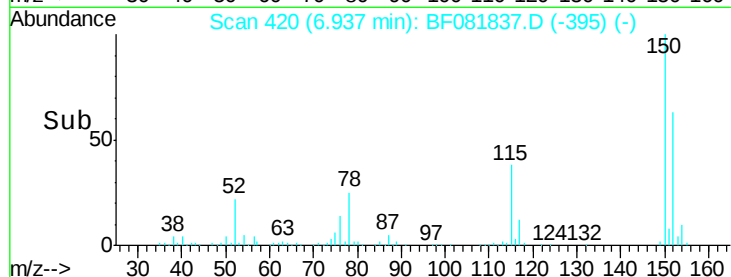
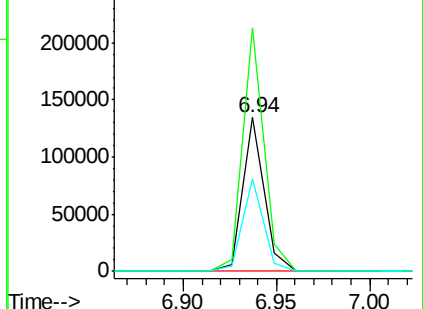
115 60.5 39.0 58.4#



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: 124.50 ng

RT: 5.54 min Scan# 298

Delta R.T. -0.00 min

Lab File: BF081837.D

Acq: 26 Sep 2015 19:57

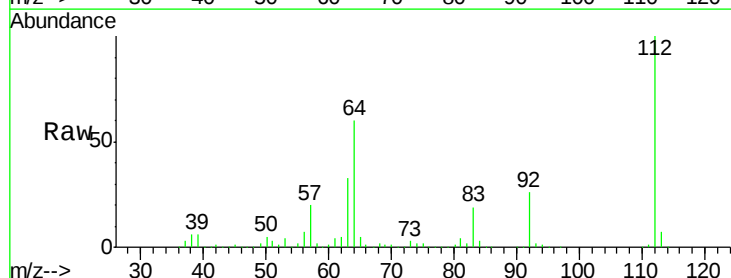
Tgt Ion:112 Resp: 795075

Ion Ratio Lower Upper

112 100

64 60.4 39.7 59.5#

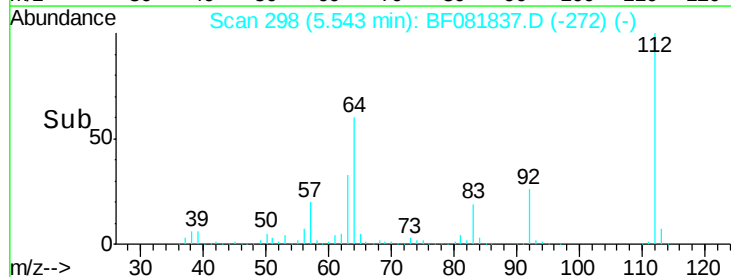
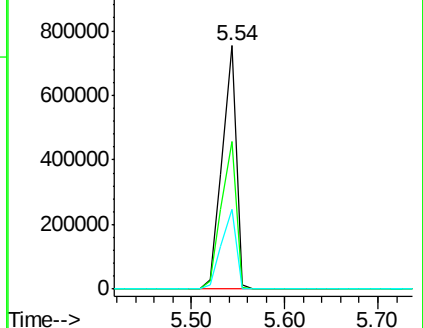
63 32.5 17.4 26.0#



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: 123.17 ng

RT: 6.56 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF081837.D

Acq: 26 Sep 2015 19:57

Instrument :

BNA_F

ClientSampleId :

S2-10

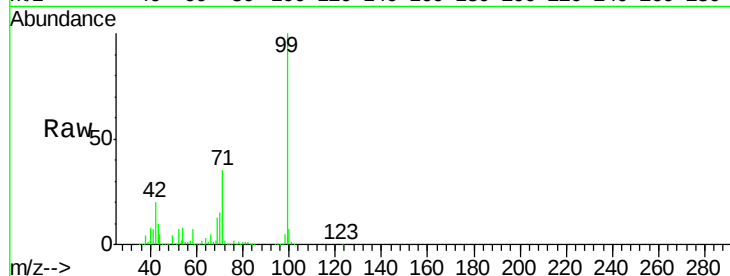
Tgt Ion: 99 Resp: 994928

Ion Ratio Lower Upper

99 100

42 20.0 13.7 20.5

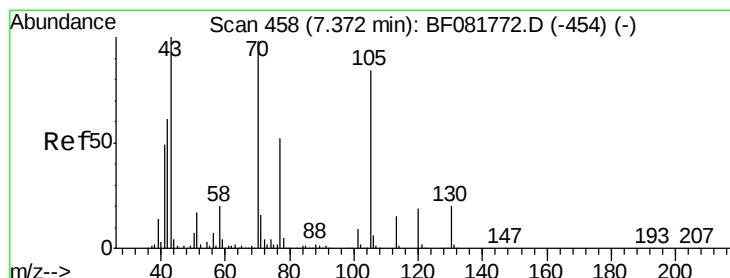
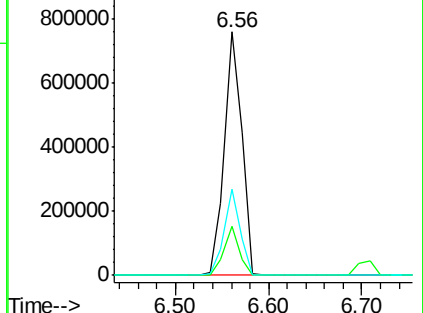
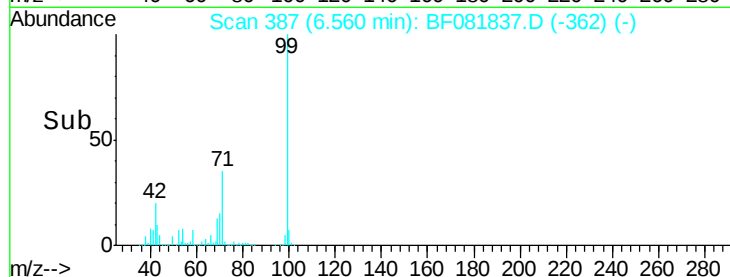
71 35.3 14.2 21.2#



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



#19

n-Nitroso-di-n-propylamine

Concen: 19.21 ng

RT: 7.51 min Scan# 470

Delta R.T. 0.14 min

Lab File: BF081837.D

Acq: 26 Sep 2015 19:57

Tgt Ion: 70 Resp: 103460

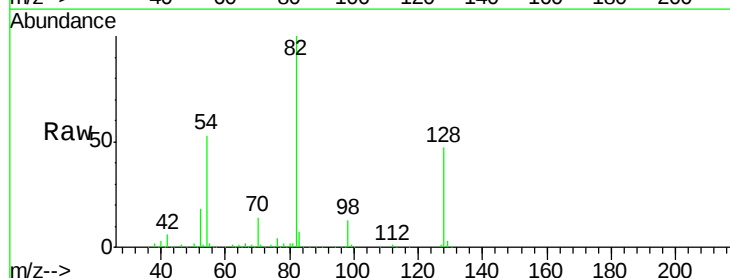
Ion Ratio Lower Upper

70 100

42 45.3 63.8 95.6#

101 0.0 9.2 13.8#

130 2.1 27.3 40.9#

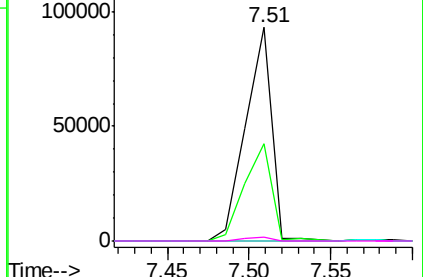
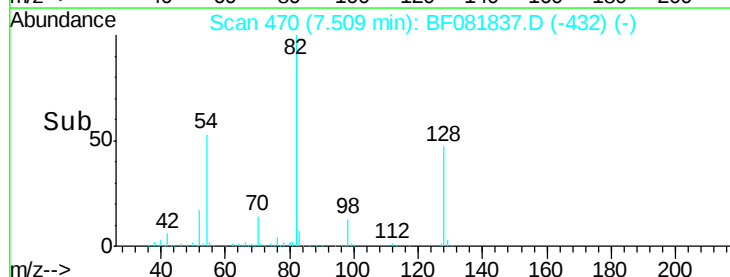


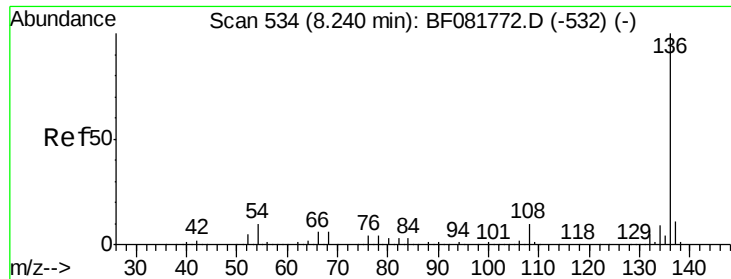
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

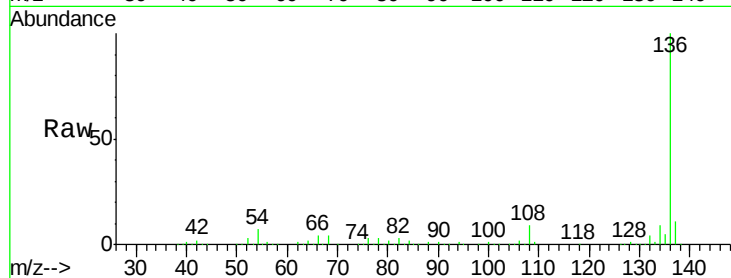




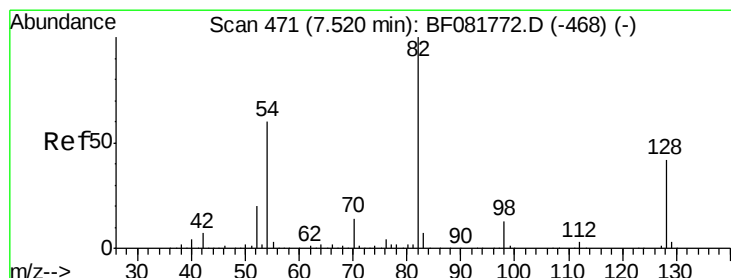
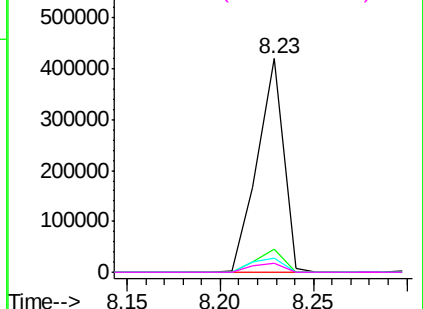
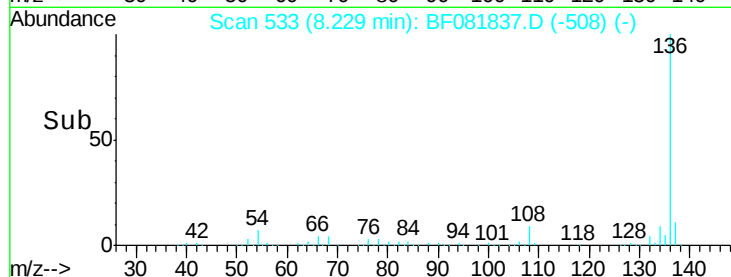
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.23 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF081837.D
Acq: 26 Sep 2015 19:57

Instrument :
BNA_F
ClientSampleId :
S2-10

Tgt Ion: 136 Resp: 410794
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.6
54 6.7 8.2 12.2#
68 4.4 5.8 8.6#

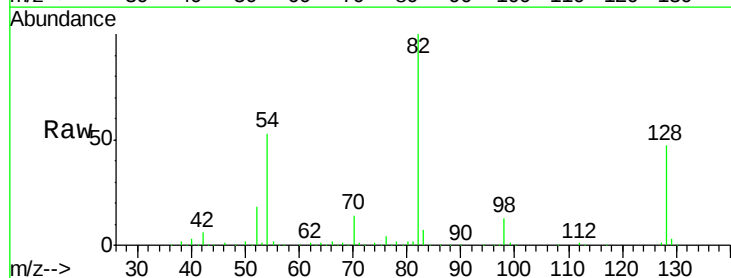


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

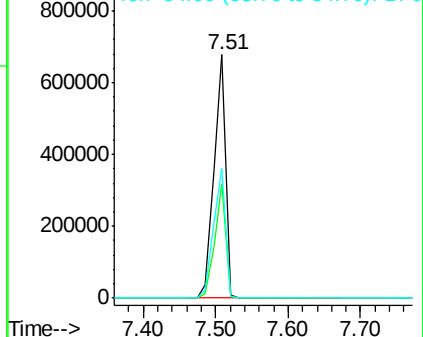
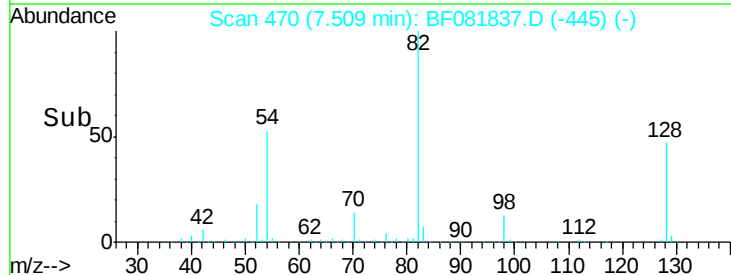


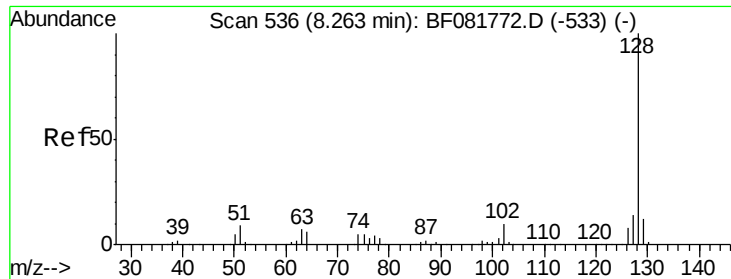
#23
Nitrobenzene-d5
Concen: 120.12 ng
RT: 7.51 min Scan# 470
Delta R.T. -0.01 min
Lab File: BF081837.D
Acq: 26 Sep 2015 19:57

Tgt Ion: 82 Resp: 747899
Ion Ratio Lower Upper
82 100
128 46.7 51.0 76.6#
54 53.1 47.5 71.3



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

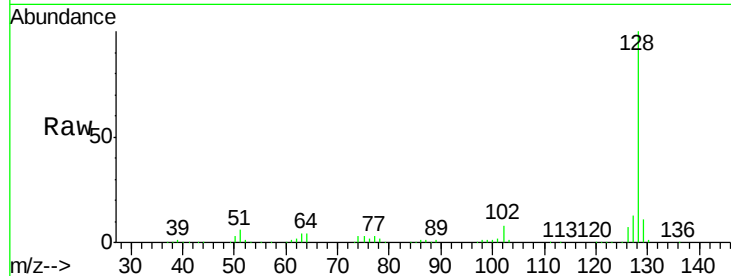




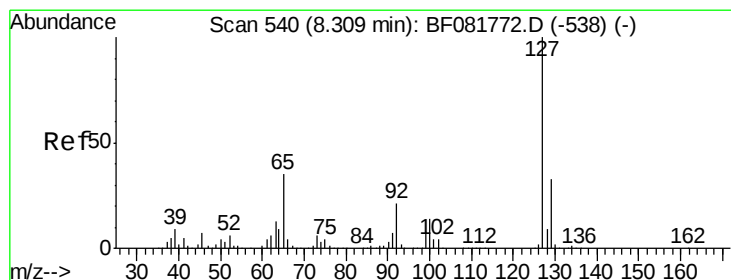
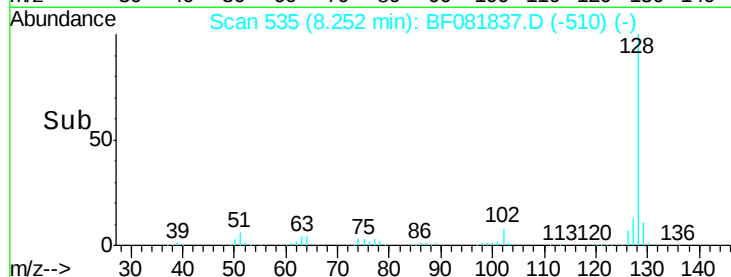
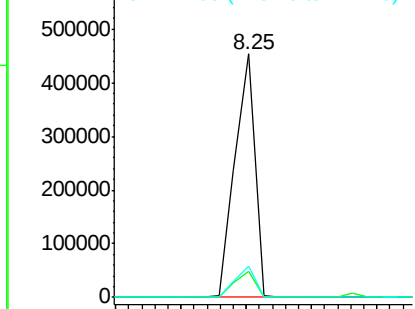
#31
Naphthalene
Concen: 25.46 ng
RT: 8.25 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF081837.D
Acq: 26 Sep 2015 19:57

Instrument :
BNA_F
ClientSampleId :
S2-10

Tgt Ion:128 Resp: 482466
Ion Ratio Lower Upper
128 100
129 10.9 8.4 12.6
127 13.0 9.9 14.9

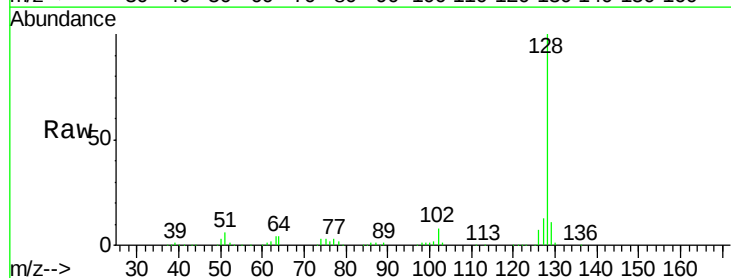


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

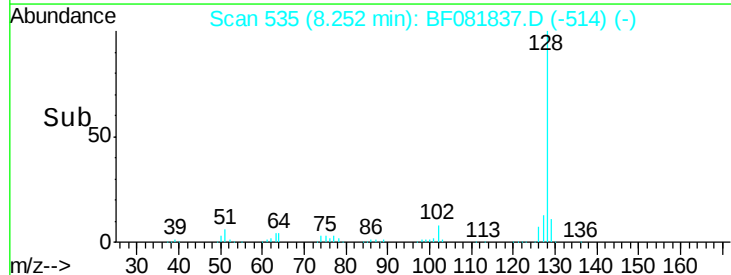
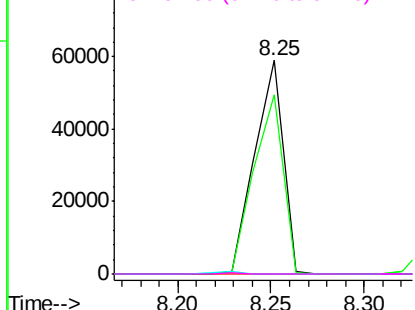


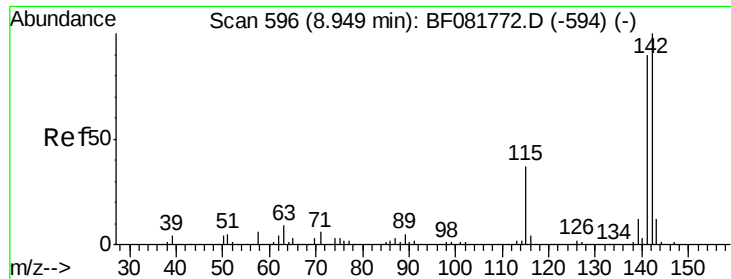
#33
4-Chloroaniline
Concen: 7.45 ng
RT: 8.25 min Scan# 535
Delta R.T. -0.06 min
Lab File: BF081837.D
Acq: 26 Sep 2015 19:57

Tgt Ion:127 Resp: 61973
Ion Ratio Lower Upper
127 100
129 83.8 25.8 38.6#
65 0.0 17.9 26.9#
92 0.0 10.5 15.7#



Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

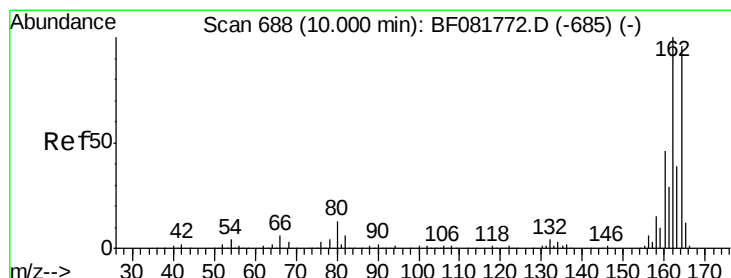
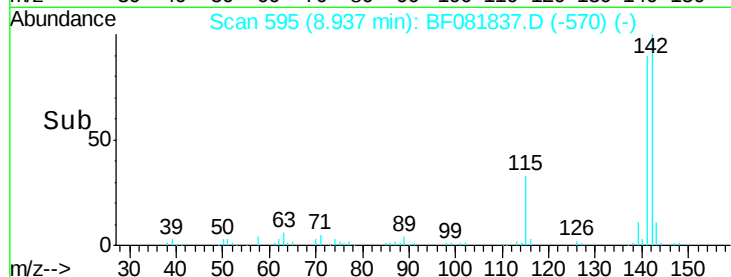
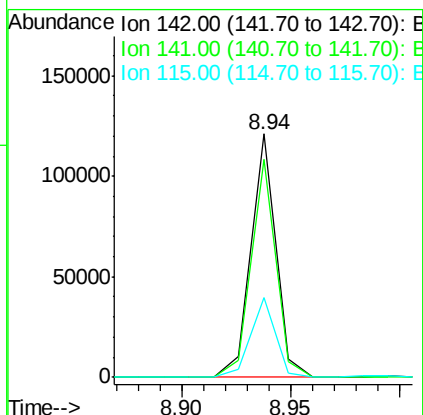
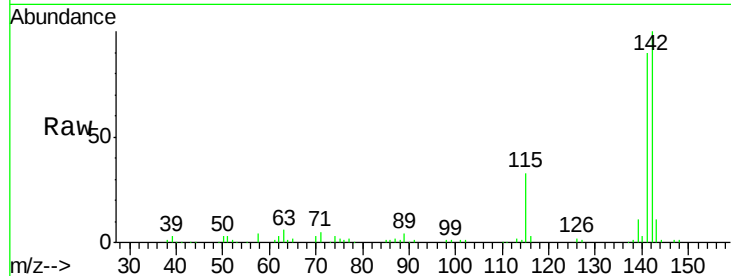




#37
 2-Methylnaphthalene
 Concen: 7.16 ng
 RT: 8.94 min Scan# 595
 Delta R.T. -0.01 min
 Lab File: BF081837.D
 Acq: 26 Sep 2015 19:57

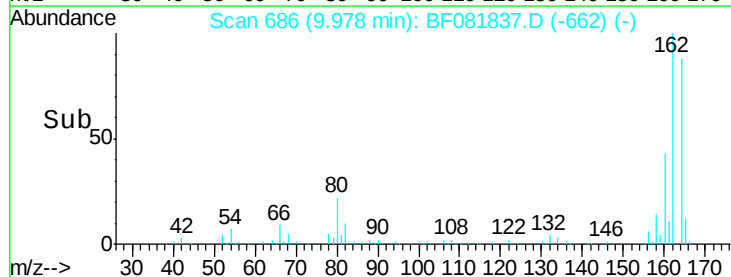
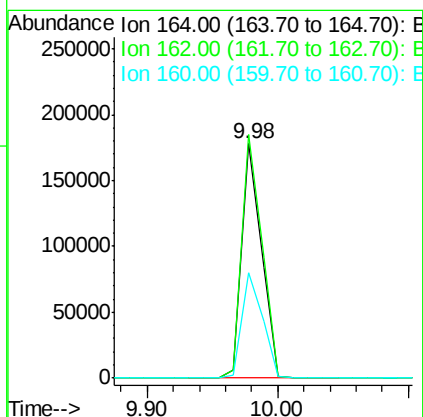
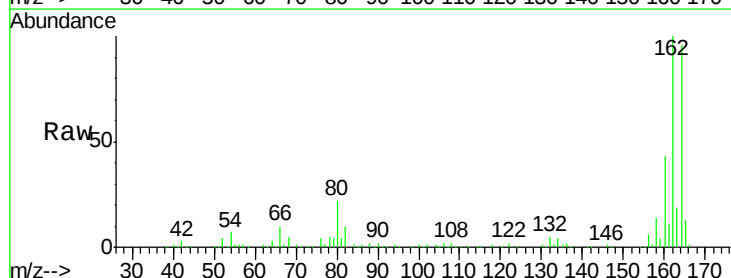
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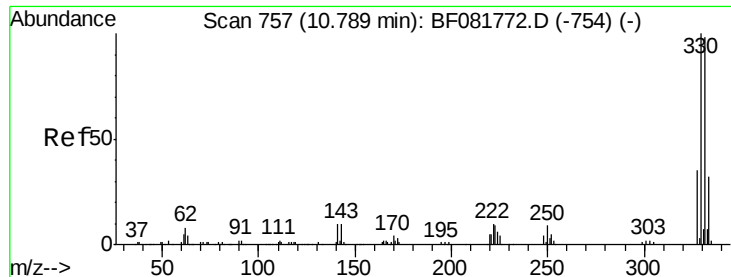
Tgt Ion:142 Resp: 96646
 Ion Ratio Lower Upper
 142 100
 141 89.7 67.5 101.3
 115 32.5 18.2 27.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.98 min Scan# 686
 Delta R.T. -0.02 min
 Lab File: BF081837.D
 Acq: 26 Sep 2015 19:57

Tgt Ion:164 Resp: 185198
 Ion Ratio Lower Upper
 164 100
 162 103.8 75.2 112.8
 160 44.7 31.5 47.3

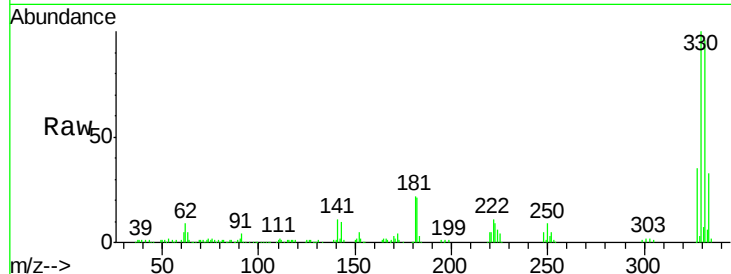




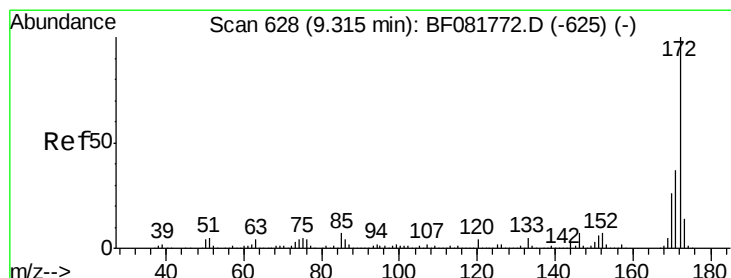
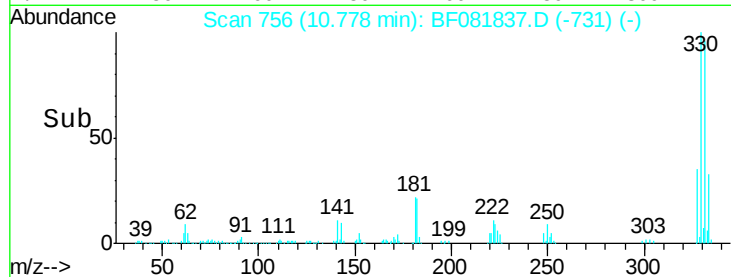
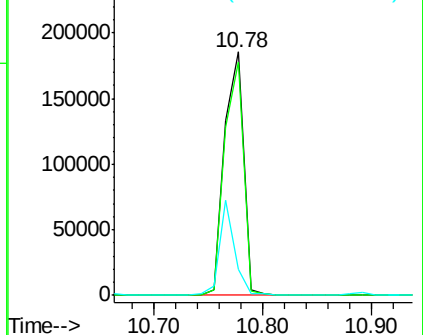
#41
 2,4,6-Tribromophenol
 Concen: 140.96 ng
 RT: 10.78 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BF081837.D
 Acq: 26 Sep 2015 19:57

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	114.8
141	31.4	29.7	44.5

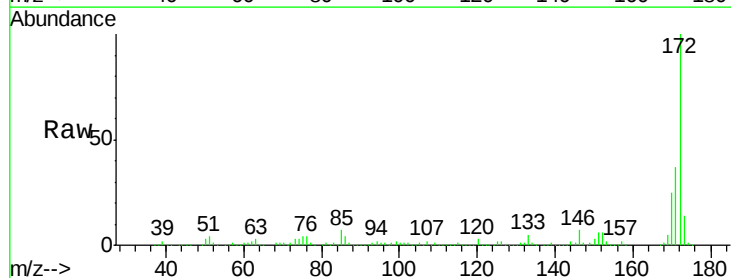


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

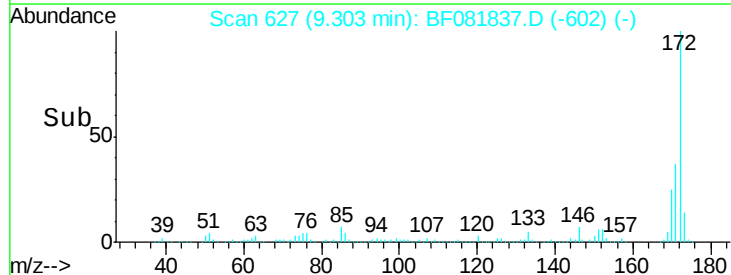
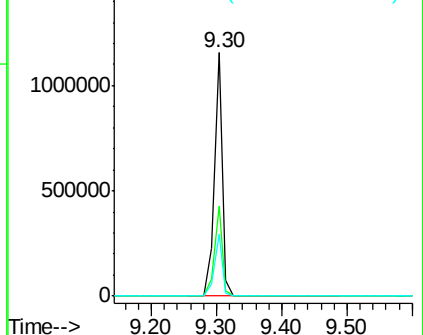


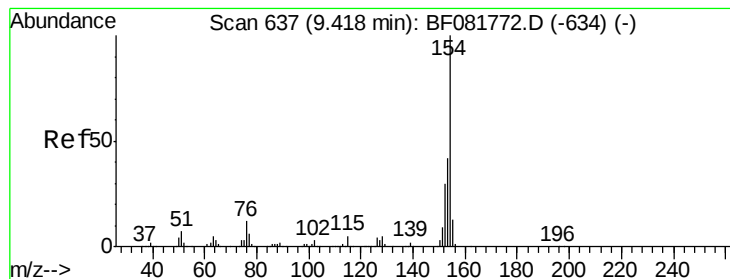
#44
 2-Fluorobiphenyl
 Concen: 89.95 ng
 RT: 9.30 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF081837.D
 Acq: 26 Sep 2015 19:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	26.1	39.1
170	25.3	17.4	26.2



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





#45

1,1'-Biphenyl

Concen: 2.75 ng

RT: 9.41 min Scan# 636

Delta R.T. -0.01 min

Lab File: BF081837.D

Acq: 26 Sep 2015 19:57

Instrument :

BNA_F

ClientSampleId :

S2-10

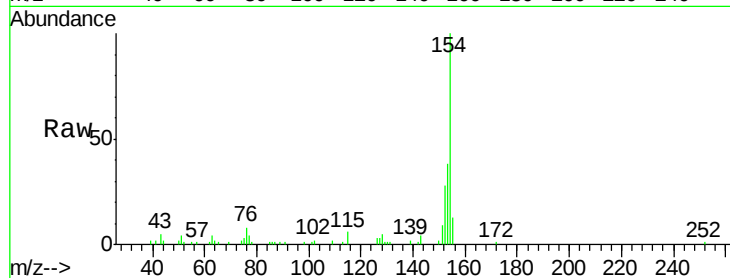
Tgt Ion:154 Resp: 39754

Ion Ratio Lower Upper

154 100

153 38.4 17.1 57.1

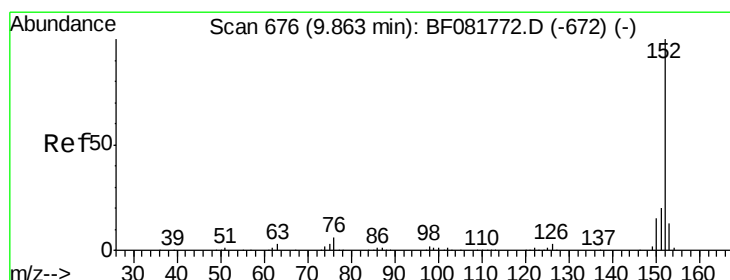
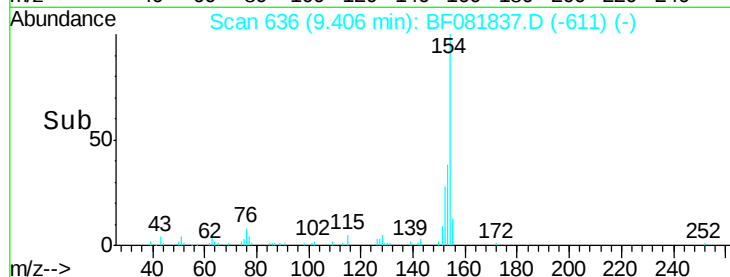
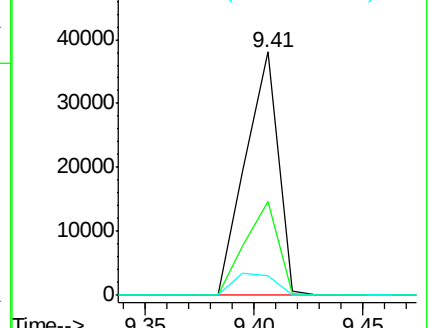
76 8.0 0.0 31.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#48

Acenaphthylene

Concen: 3.21 ng

RT: 9.84 min Scan# 674

Delta R.T. -0.02 min

Lab File: BF081837.D

Acq: 26 Sep 2015 19:57

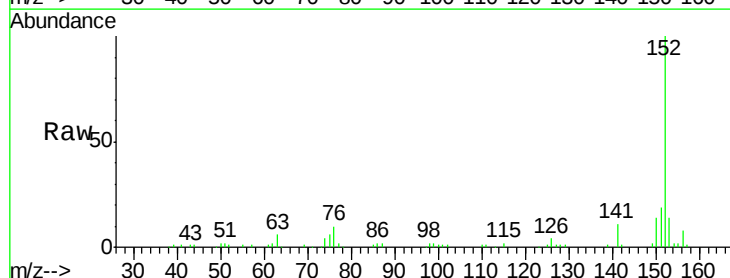
Tgt Ion:152 Resp: 63195

Ion Ratio Lower Upper

152 100

151 19.0 14.6 22.0

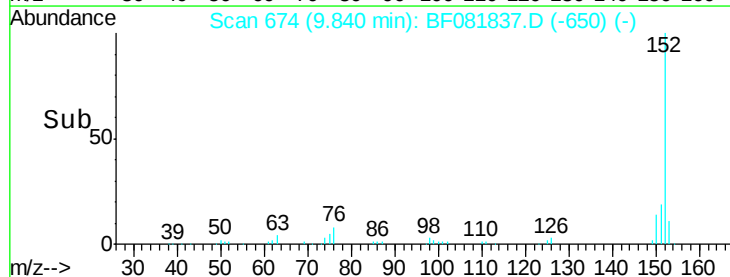
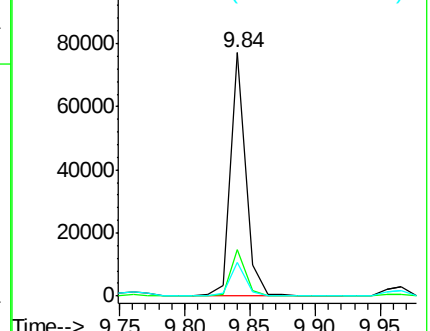
153 14.0 10.3 15.5

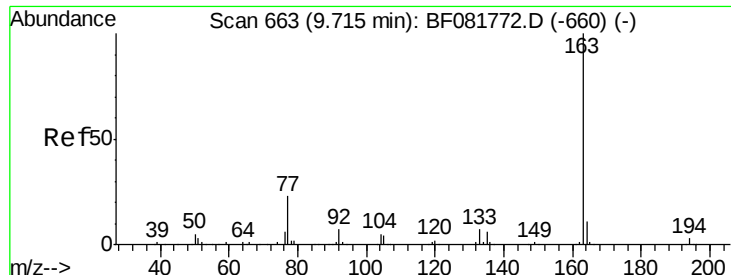


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

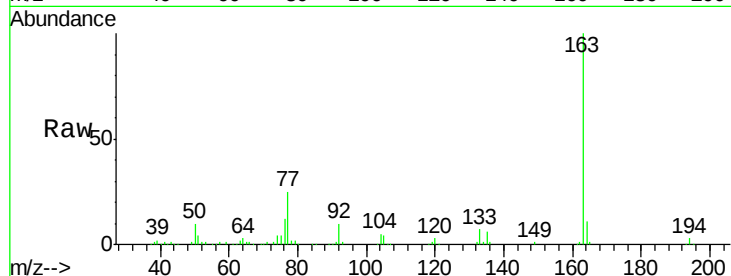




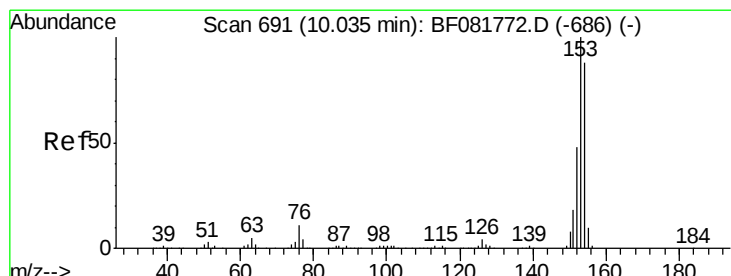
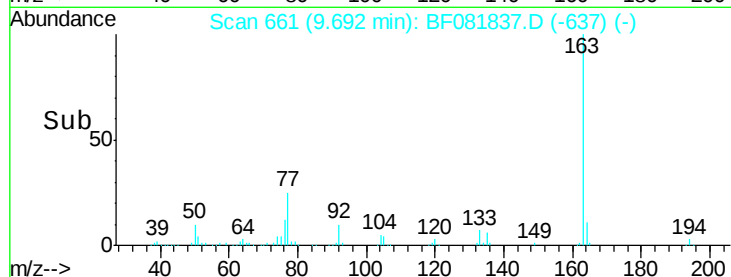
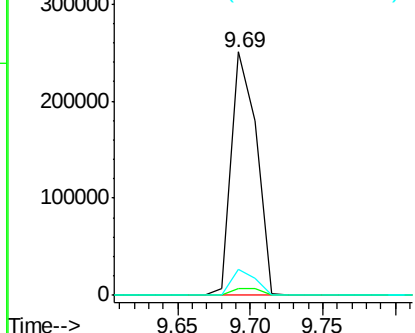
#49
Dimethylphthalate
Concen: 21.44 ng
RT: 9.69 min Scan# 661
Delta R.T. -0.02 min
Lab File: BF081837.D
Acq: 26 Sep 2015 19:57

Instrument :
BNA_F
ClientSampleId :
S2-10

Tgt Ion:163 Resp: 302091
Ion Ratio Lower Upper
163 100
194 2.9 4.4 6.6#
164 10.6 8.3 12.5

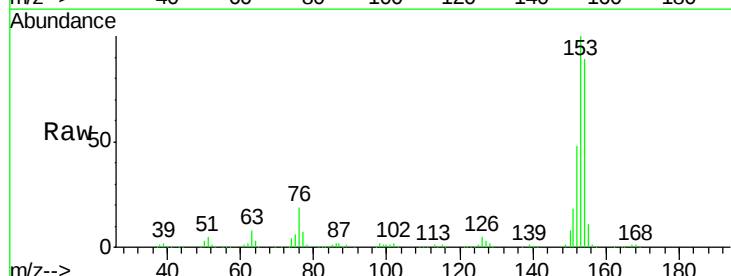


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

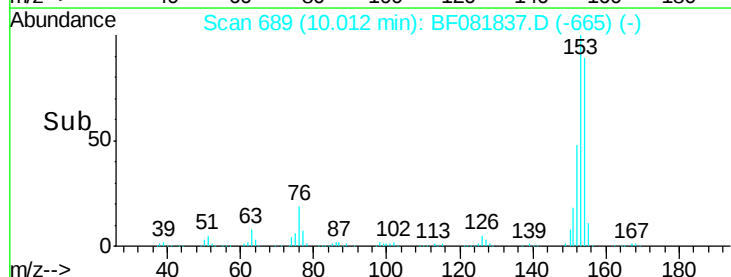
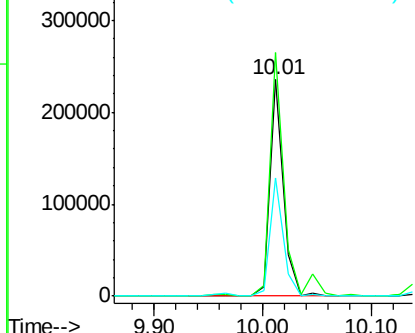


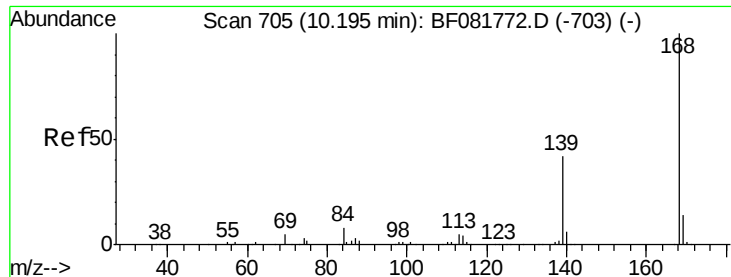
#51
Acenaphthene
Concen: 17.95 ng
RT: 10.01 min Scan# 689
Delta R.T. -0.02 min
Lab File: BF081837.D
Acq: 26 Sep 2015 19:57

Tgt Ion:154 Resp: 203898
Ion Ratio Lower Upper
154 100
153 112.5 82.1 123.1
152 54.3 37.9 56.9



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

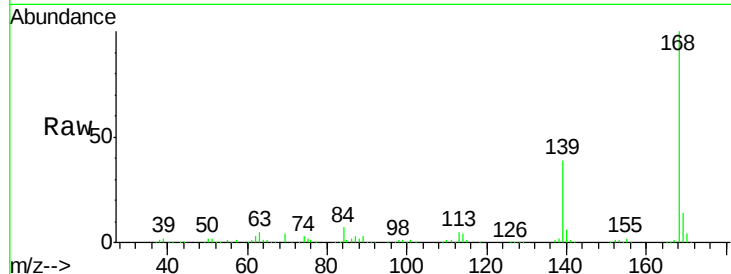




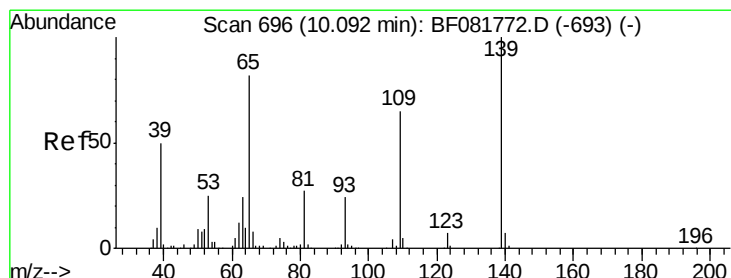
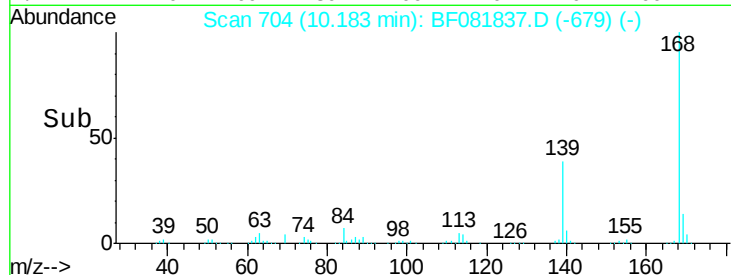
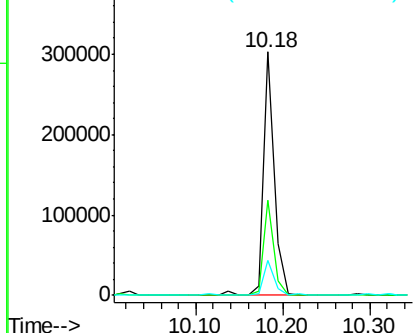
#54
Dibenzofuran
Concen: 16.04 ng
RT: 10.18 min Scan# 704
Delta R.T. -0.01 min
Lab File: BF081837.D
Acq: 26 Sep 2015 19:57

Instrument :
BNA_F
ClientSampleId :
S2-10

Tgt Ion:168 Resp: 267226
Ion Ratio Lower Upper
168 100
139 39.2 24.2 36.2#
169 14.3 10.6 15.8

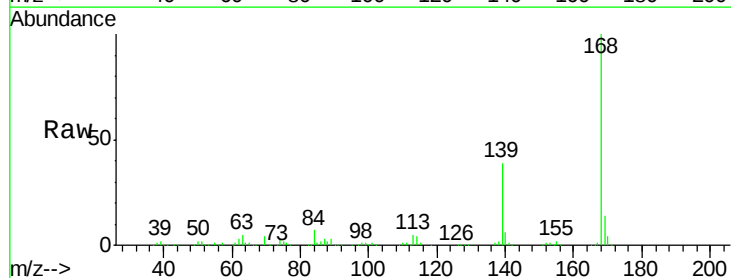


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

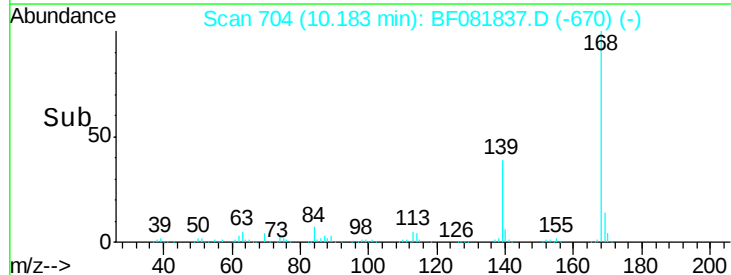
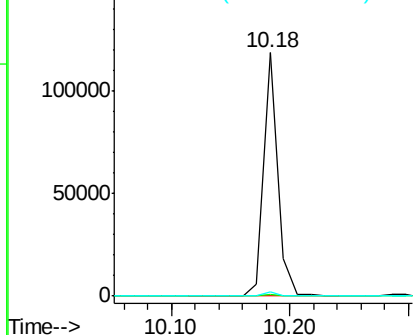


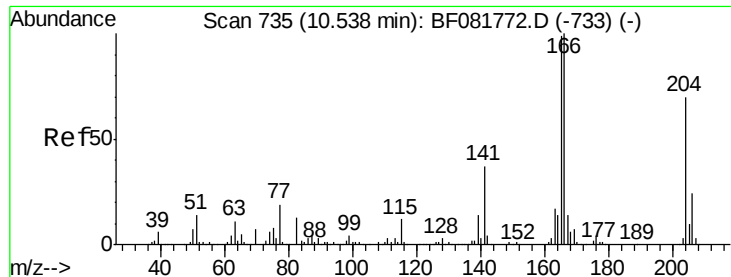
#55
4-Nitrophenol
Concen: 48.88 ng
RT: 10.18 min Scan# 704
Delta R.T. 0.09 min
Lab File: BF081837.D
Acq: 26 Sep 2015 19:57

Tgt Ion:139 Resp: 99438
Ion Ratio Lower Upper
139 100
109 0.8 12.7 52.7#
65 1.6 45.9 85.9#



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

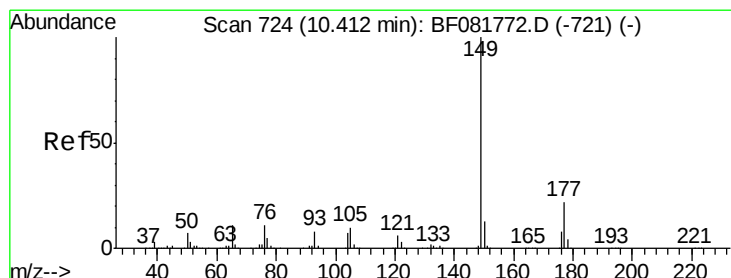
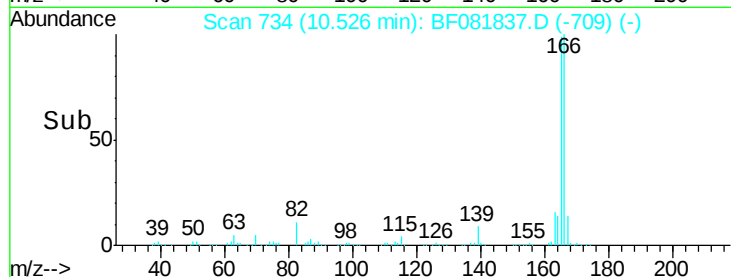
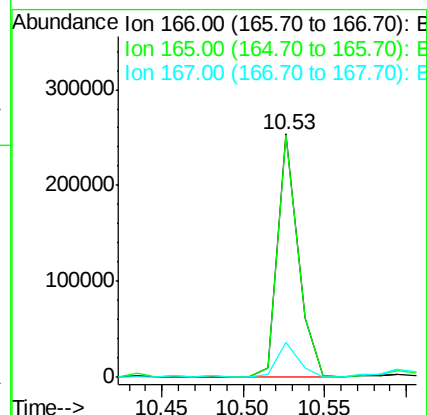
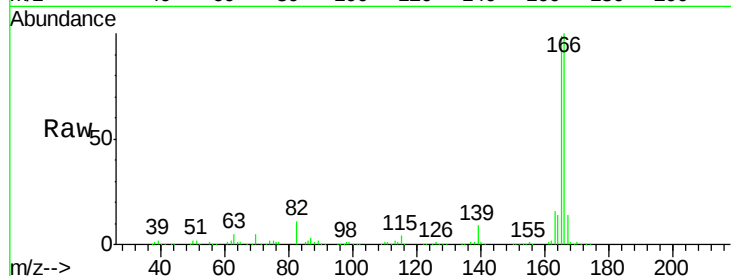




#57
Fluorene
 Concen: 17.73 ng
 RT: 10.53 min Scan# 734
 Delta R.T. -0.01 min
 Lab File: BF081837.D
 Acq: 26 Sep 2015 19:57

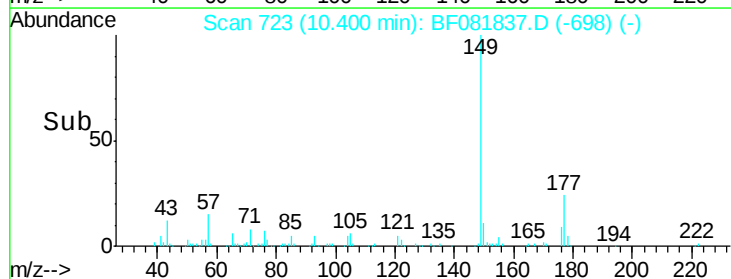
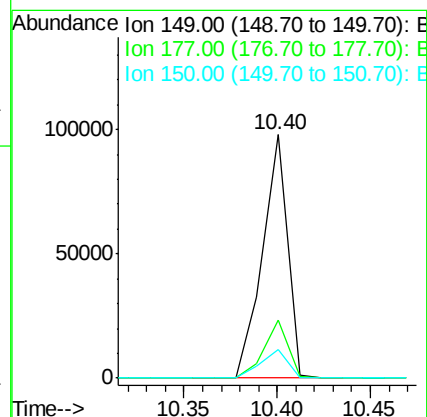
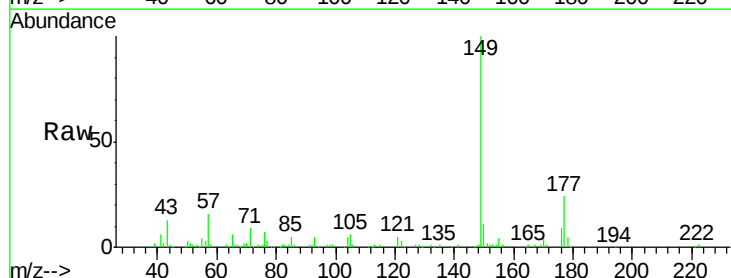
Instrument :
 BNA_F
 ClientSampleId :
 S2-10

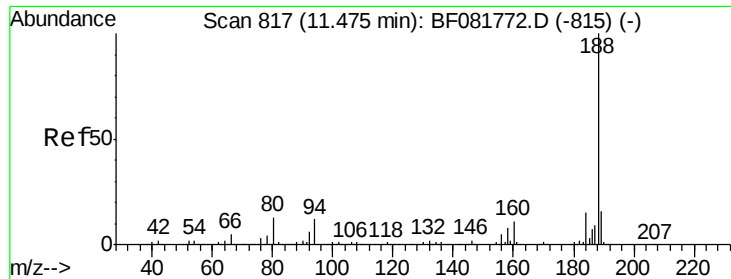
Tgt Ion:166 Resp: 226790
 Ion Ratio Lower Upper
 166 100
 165 99.4 72.6 109.0
 167 14.2 10.6 16.0



#59
Diethylphthalate
 Concen: 6.64 ng
 RT: 10.40 min Scan# 723
 Delta R.T. -0.01 min
 Lab File: BF081837.D
 Acq: 26 Sep 2015 19:57

Tgt Ion:149 Resp: 90663
 Ion Ratio Lower Upper
 149 100
 177 23.7 17.5 26.3
 150 11.5 9.4 14.2

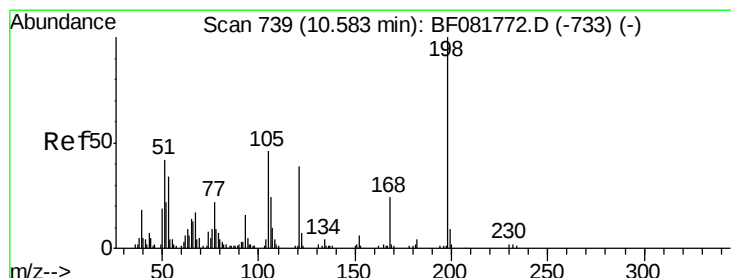
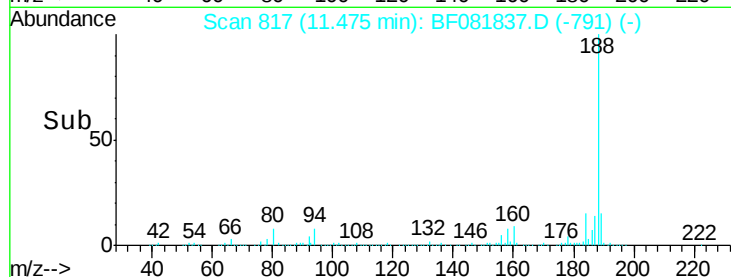
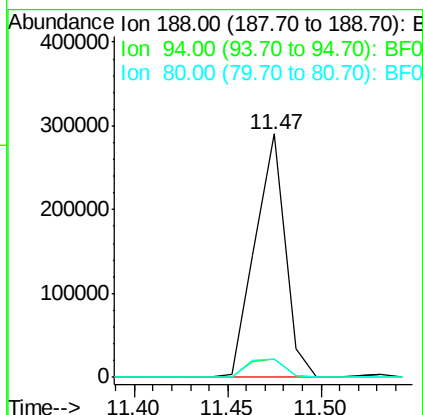
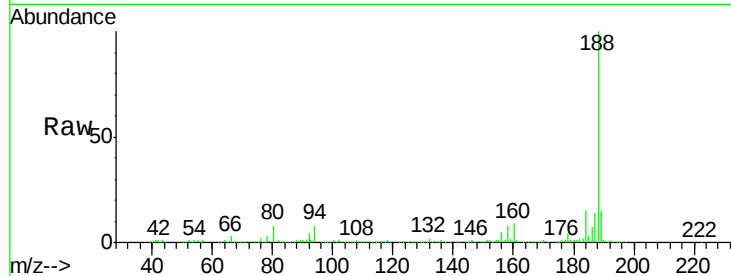




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.47 min Scan# 817
Delta R.T. -0.00 min
Lab File: BF081837.D
Acq: 26 Sep 2015 19:57

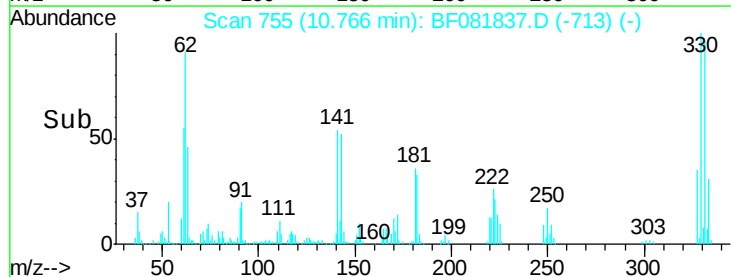
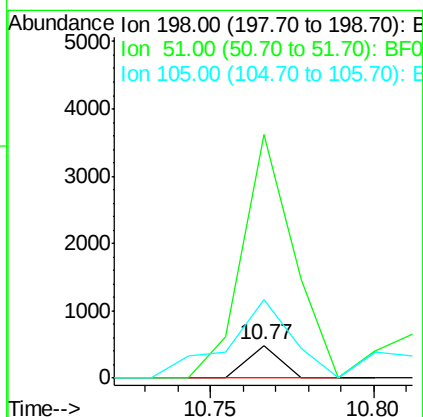
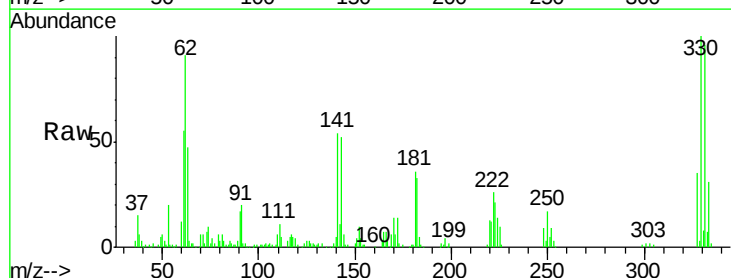
Instrument :
BNA_F
ClientSampleId :
S2-10

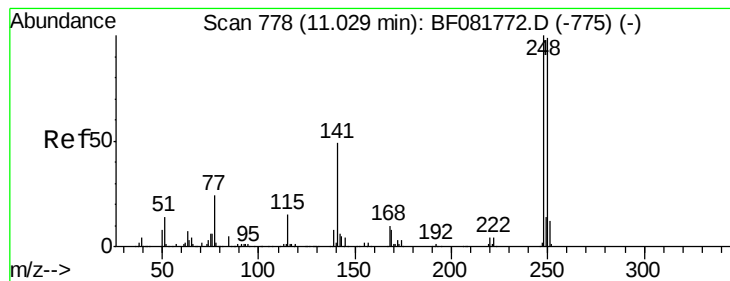
Tgt Ion:188 Resp: 326517
Ion Ratio Lower Upper
188 100
94 7.6 11.1 16.7#
80 7.7 11.0 16.4#



#64
4,6-Dinitro-2-methylphenol
Concen: 8.10 ng
RT: 10.77 min Scan# 755
Delta R.T. 0.18 min
Lab File: BF081837.D
Acq: 26 Sep 2015 19:57

Tgt Ion:198 Resp: 331
Ion Ratio Lower Upper
198 100
51 749.1 39.6 79.6#
105 241.2 28.5 68.5#





#66

4-Bromophenyl-phenylether

Concen: 3.80 ng

RT: 10.77 min Scan# 755

Delta R.T. -0.26 min

Lab File: BF081837.D

Acq: 26 Sep 2015 19:57

Instrument :

BNA_F

ClientSampleId :

S2-10

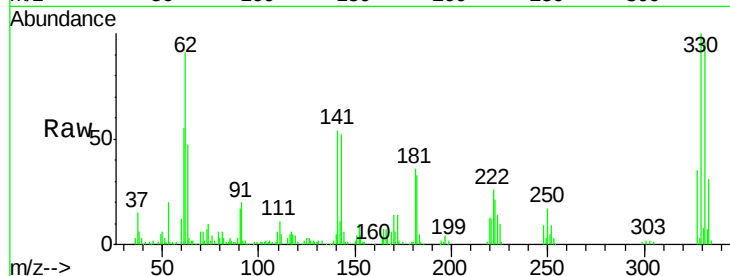
Tgt Ion:248 Resp: 13806

Ion Ratio Lower Upper

248 100

250 200.4 78.5 117.7#

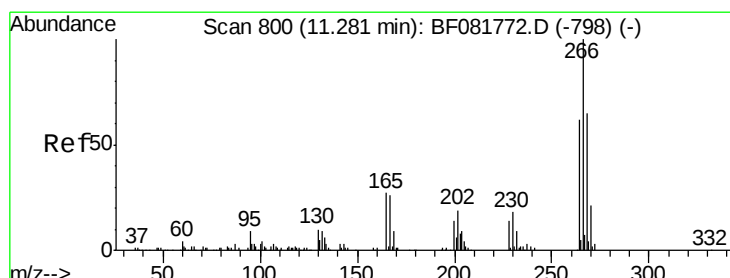
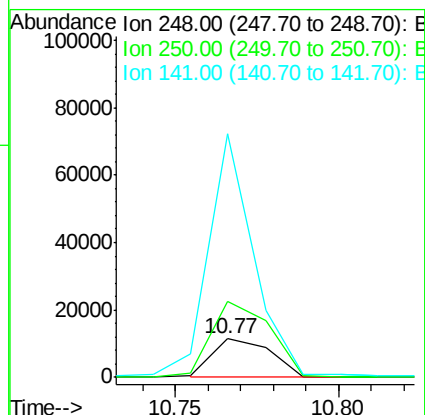
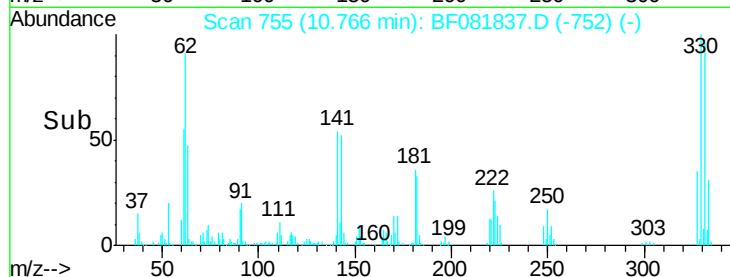
141 637.1 59.0 88.6#



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



#69

Pentachlorophenol

Concen: 5.84 ng

RT: 11.27 min Scan# 799

Delta R.T. -0.01 min

Lab File: BF081837.D

Acq: 26 Sep 2015 19:57

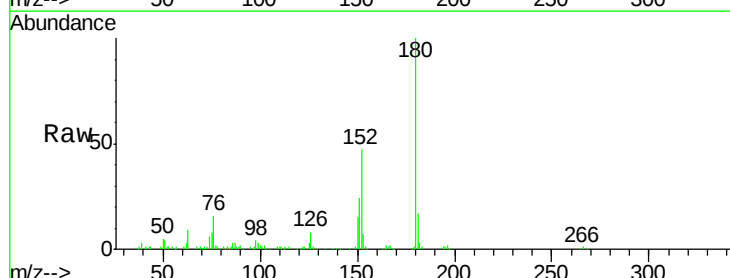
Tgt Ion:266 Resp: 445

Ion Ratio Lower Upper

266 100

268 64.0 49.8 74.6

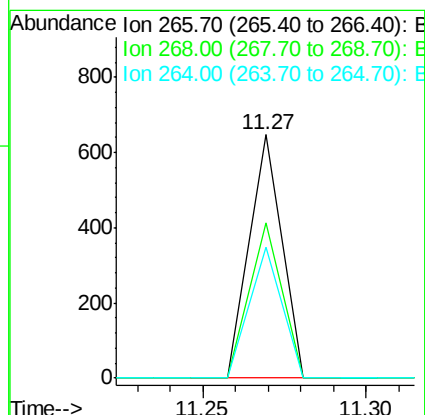
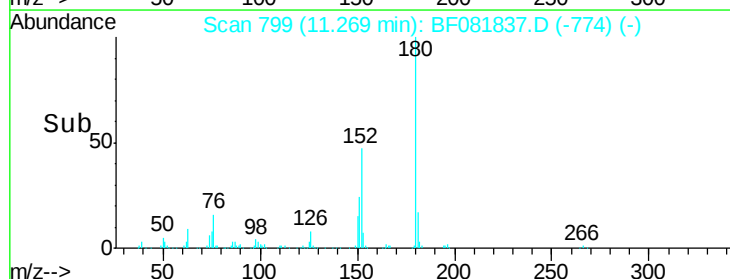
264 53.7 50.2 75.2

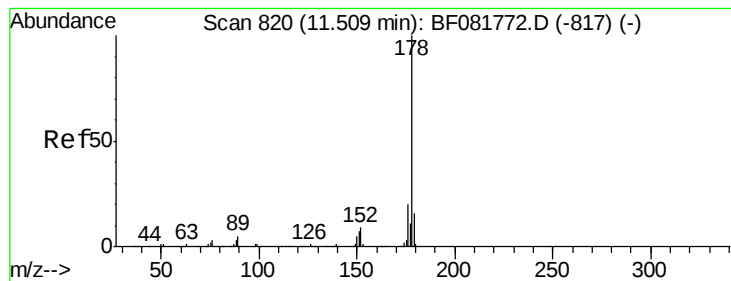


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 34.49 ng

RT: 11.54 min Scan# 823

Delta R.T. 0.03 min

Lab File: BF081837.D

Acq: 26 Sep 2015 19:57

Instrument :

BNA_F

ClientSampleId :

S2-10

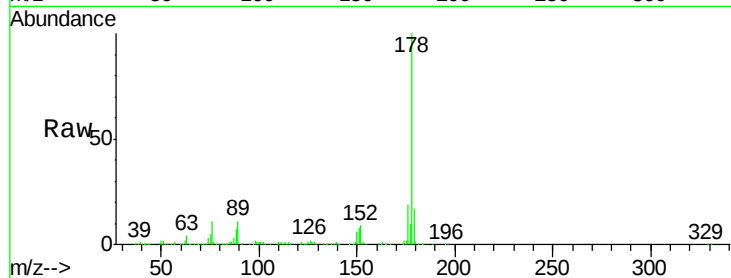
Tgt Ion:178 Resp: 643869

Ion Ratio Lower Upper

178 100

176 18.9 13.8 20.8

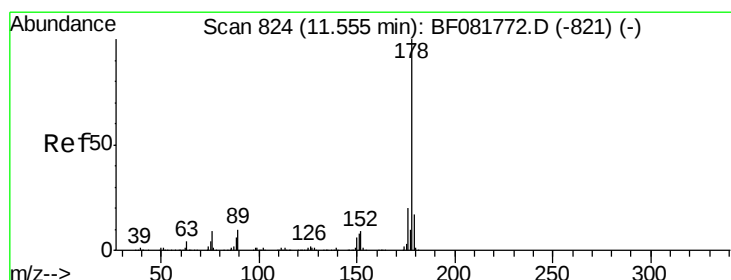
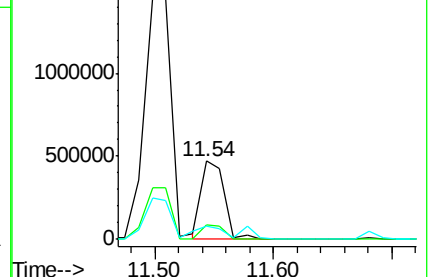
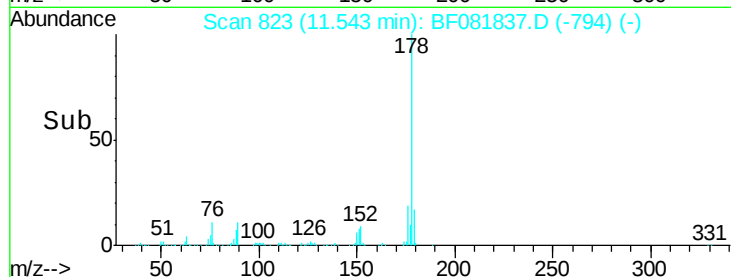
179 16.9 12.2 18.2



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: 35.79 ng

RT: 11.54 min Scan# 823

Delta R.T. -0.01 min

Lab File: BF081837.D

Acq: 26 Sep 2015 19:57

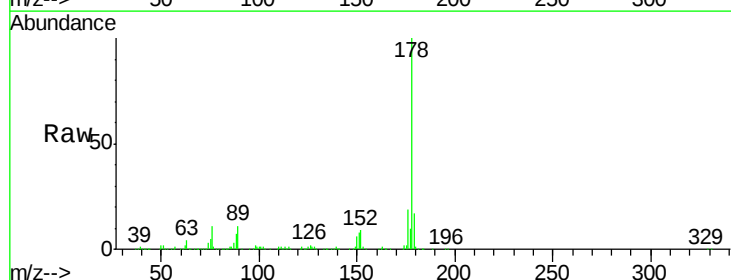
Tgt Ion:178 Resp: 643869

Ion Ratio Lower Upper

178 100

176 18.9 14.1 21.1

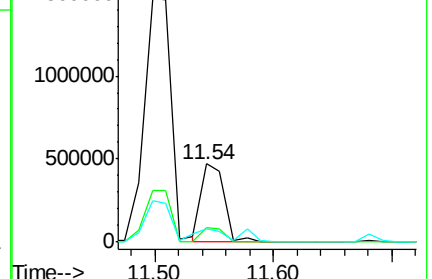
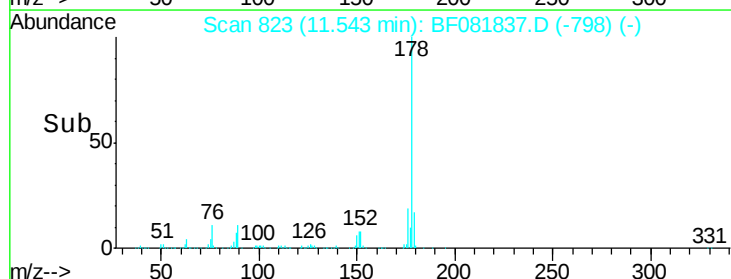
179 16.9 12.2 18.2

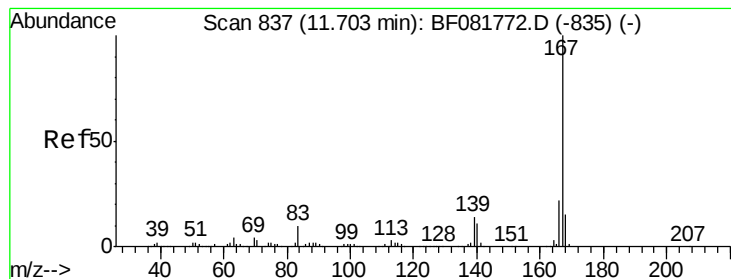


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 27.29 ng

RT: 11.70 min Scan# 837

Delta R.T. -0.00 min

Lab File: BF081837.D

Acq: 26 Sep 2015 19:57

Instrument :

BNA_F

ClientSampleId :

S2-10

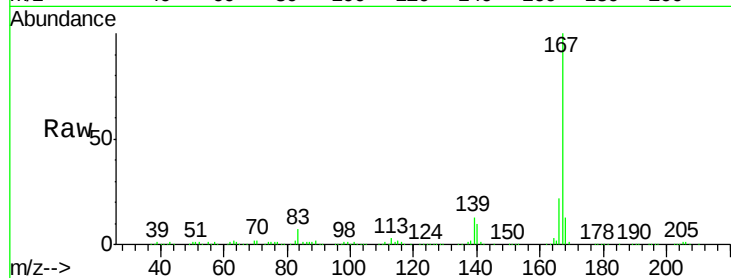
Tgt Ion:167 Resp: 455776

Ion Ratio Lower Upper

167 100

166 21.9 15.7 23.5

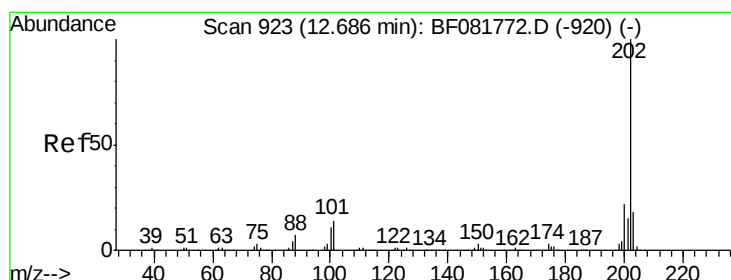
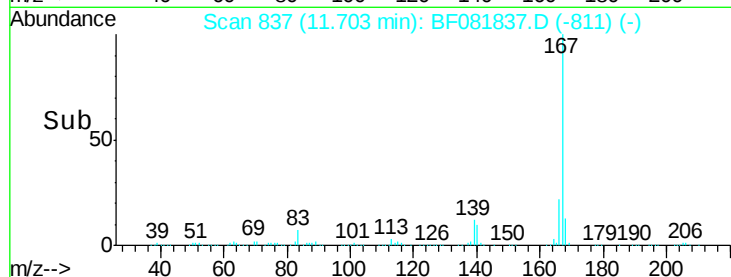
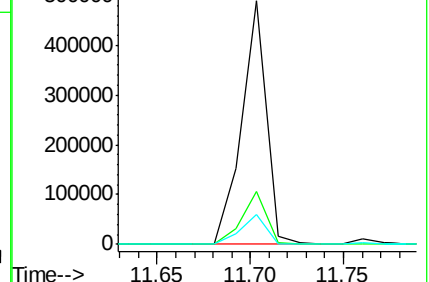
139 12.5 9.5 14.3



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: 124.23 ng

RT: 12.70 min Scan# 924

Delta R.T. 0.01 min

Lab File: BF081837.D

Acq: 26 Sep 2015 19:57

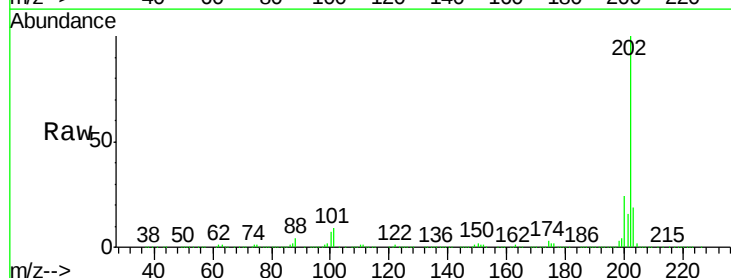
Tgt Ion:202 Resp: 2336761

Ion Ratio Lower Upper

202 100

101 8.7 0.0 38.3

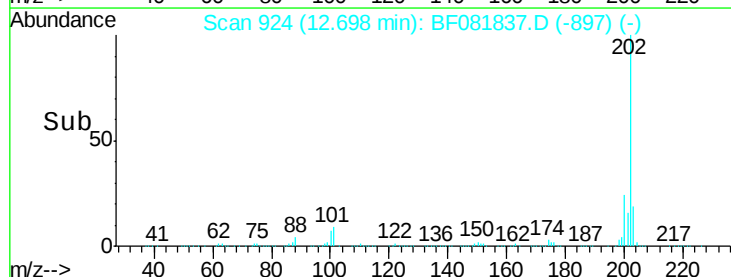
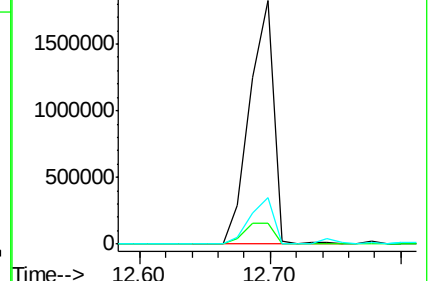
203 19.3 0.0 37.3

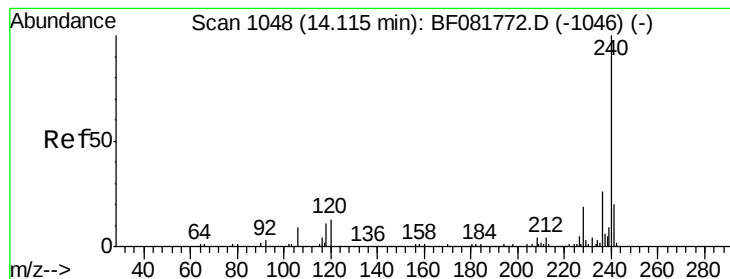


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.12 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BF081837.D

Acq: 26 Sep 2015 19:57

Instrument :

BNA_F

ClientSampleId :

S2-10

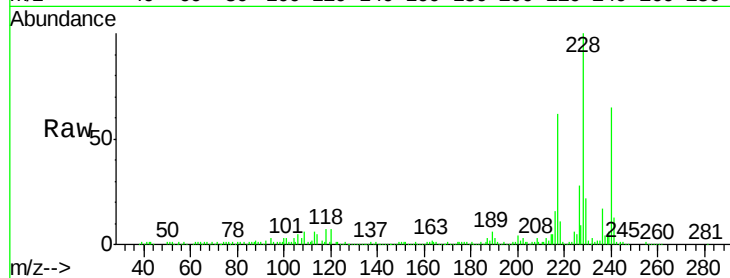
Tgt Ion:240 Resp: 231627

Ion Ratio Lower Upper

240 100

120 11.1 16.2 24.2#

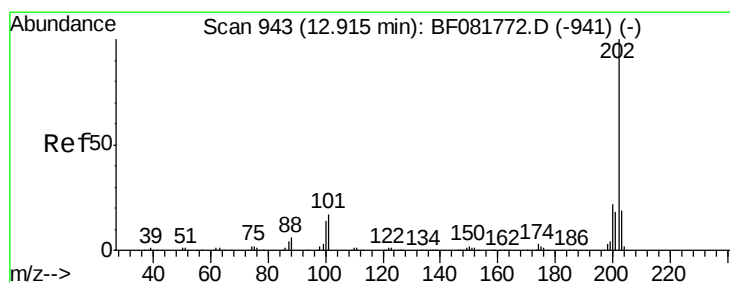
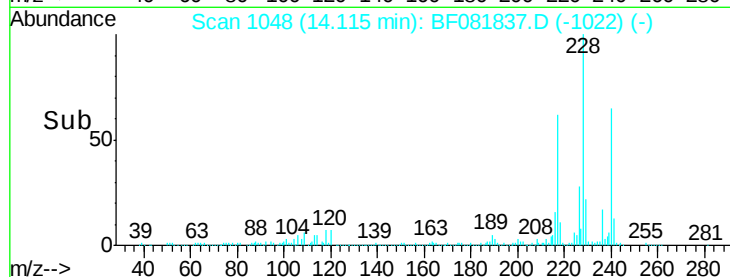
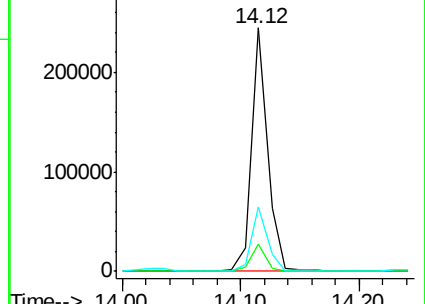
236 26.6 18.4 27.6



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

Pyrene

Concen: 110.22 ng

RT: 12.93 min Scan# 944

Delta R.T. 0.01 min

Lab File: BF081837.D

Acq: 26 Sep 2015 19:57

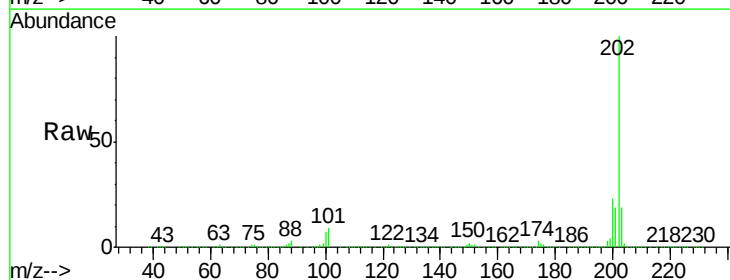
Tgt Ion:202 Resp: 1924714

Ion Ratio Lower Upper

202 100

200 23.0 15.0 22.4#

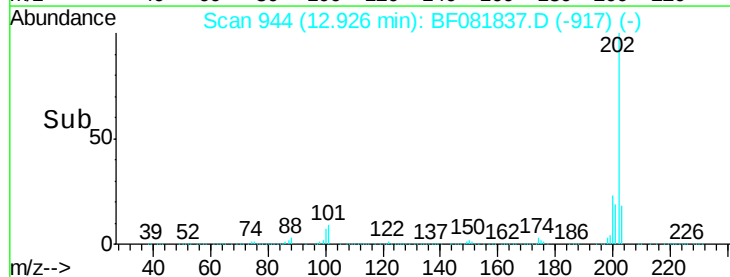
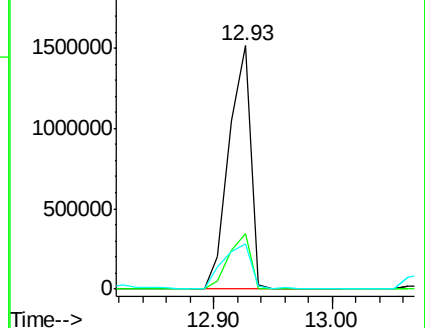
203 18.6 14.1 21.1

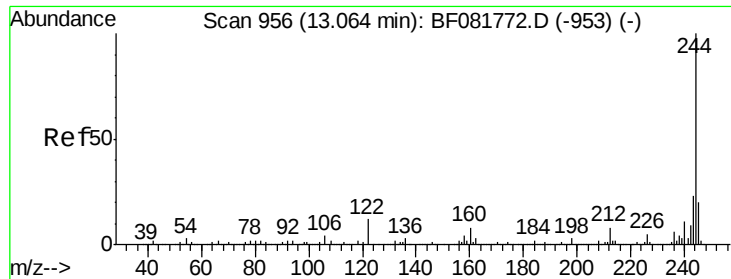


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

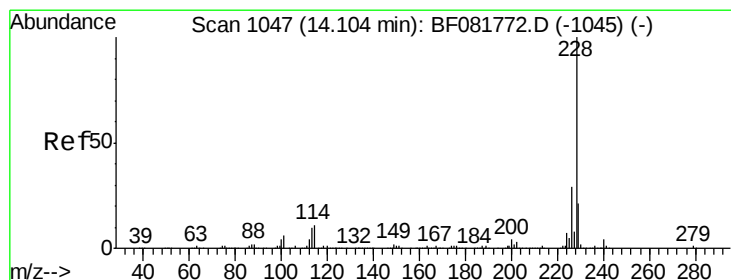
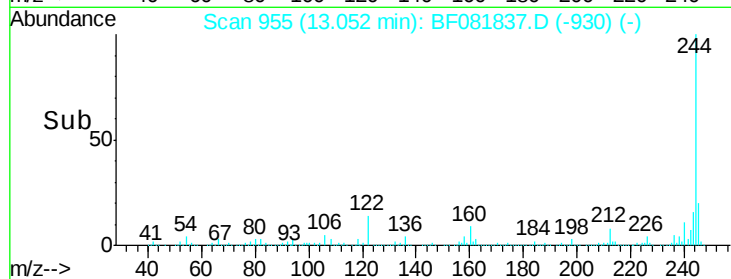
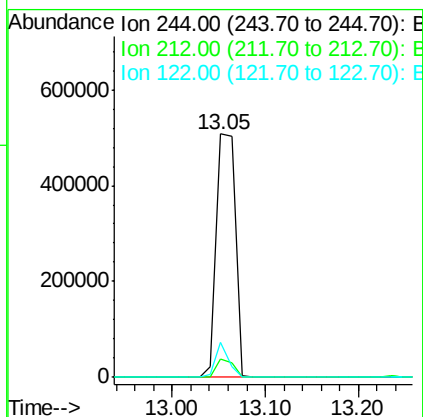
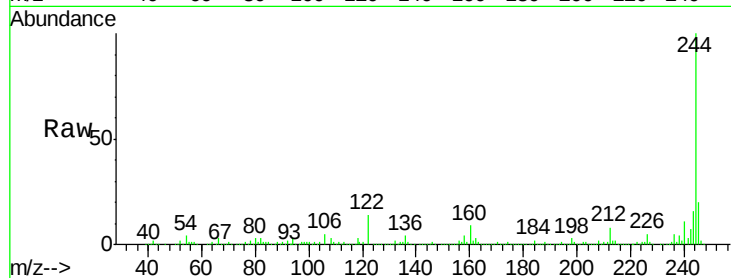




#78
 Terphenyl-d14
 Concen: 70.58 ng
 RT: 13.05 min Scan# 955
 Delta R.T. -0.01 min
 Lab File: BF081837.D
 Acq: 26 Sep 2015 19:57

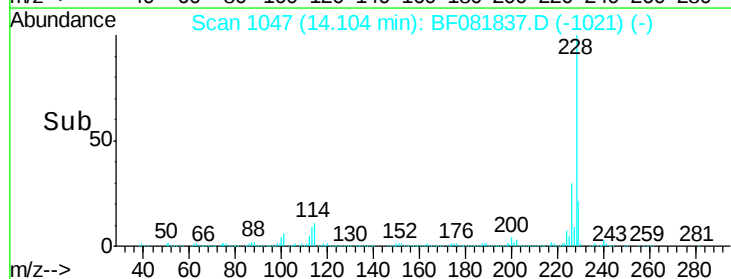
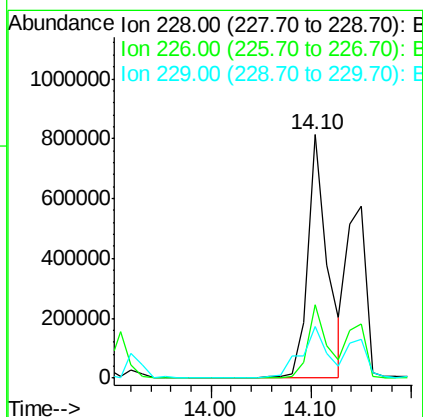
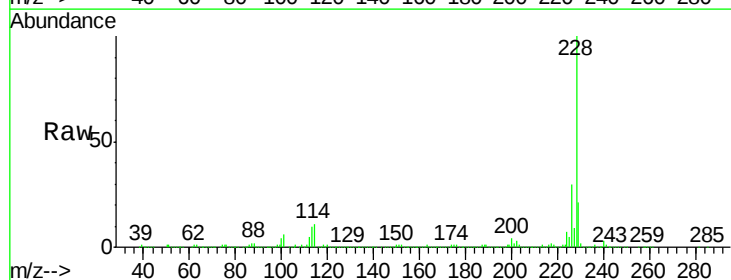
Instrument :
 BNA_F
 ClientSampleId :
 S2-10

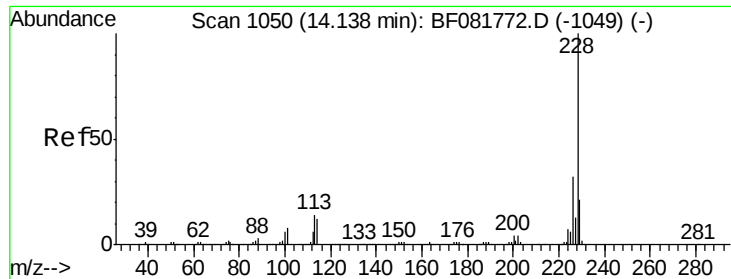
Tgt Ion:244 Resp: 715639
 Ion Ratio Lower Upper
 244 100
 212 7.7 4.3 6.5#
 122 14.2 17.4 26.2#



#80
 Benzo(a)anthracene
 Concen: 78.12 ng
 RT: 14.10 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: BF081837.D
 Acq: 26 Sep 2015 19:57

Tgt Ion:228 Resp: 1097257
 Ion Ratio Lower Upper
 228 100
 226 29.9 20.0 30.0
 229 21.3 15.4 23.2





#82

Chrysene

Concen: 56.54 ng

RT: 14.15 min Scan# 1051

Delta R.T. 0.01 min

Lab File: BF081837.D

Acq: 26 Sep 2015 19:57

Instrument :

BNA_F

ClientSampled :

S2-10

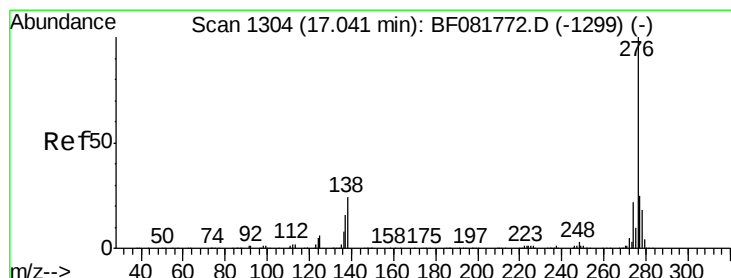
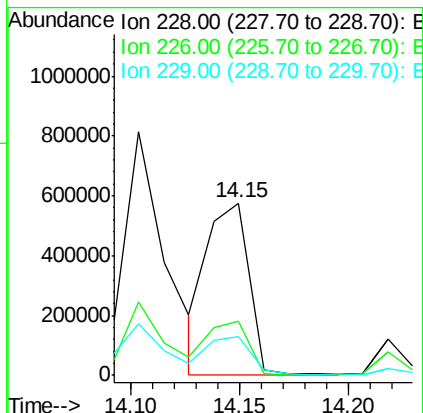
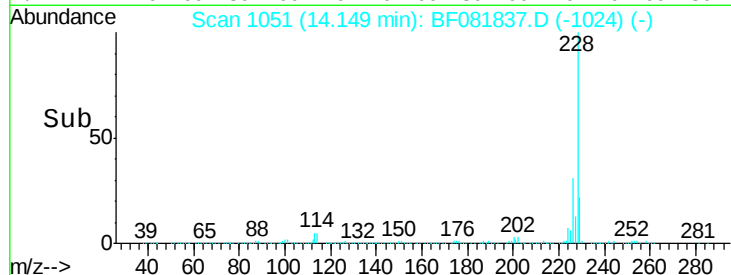
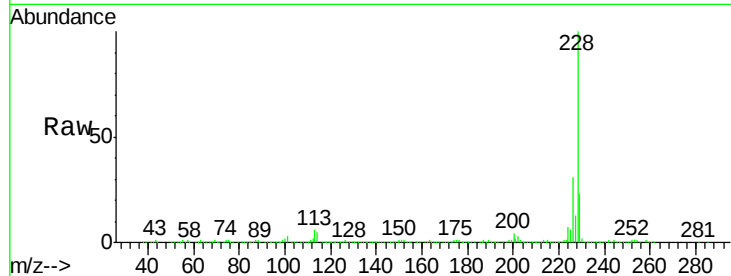
Tgt Ion:228 Resp: 761542

Ion Ratio Lower Upper

228 100

226 31.4 21.0 31.4

229 22.9 15.6 23.4



#85

Indeno(1,2,3-cd)pyrene

Concen: 42.15 ng

RT: 17.05 min Scan# 1305

Delta R.T. 0.01 min

Lab File: BF081837.D

Acq: 26 Sep 2015 19:57

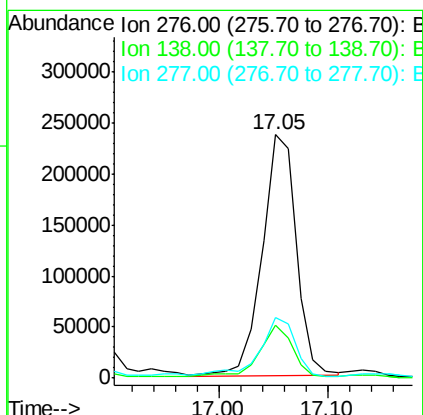
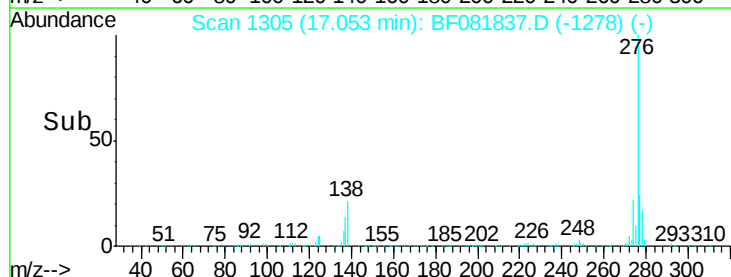
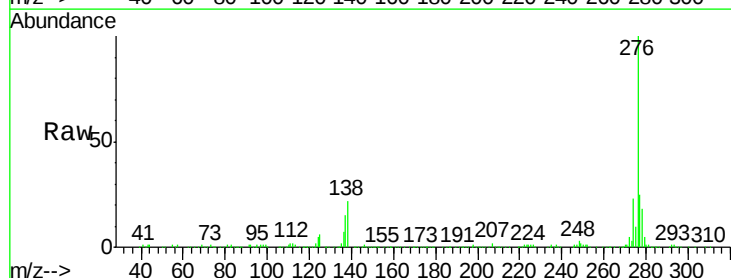
Tgt Ion:276 Resp: 519814

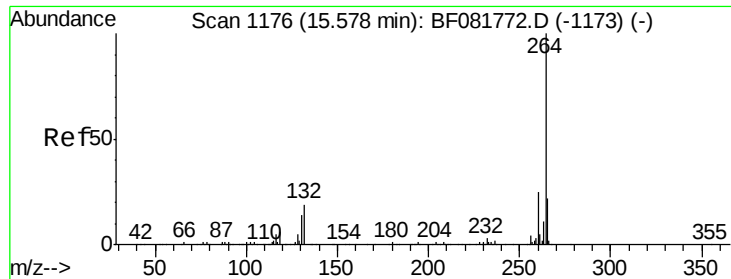
Ion Ratio Lower Upper

276 100

138 20.7 25.7 38.5#

277 27.3 15.6 23.4#

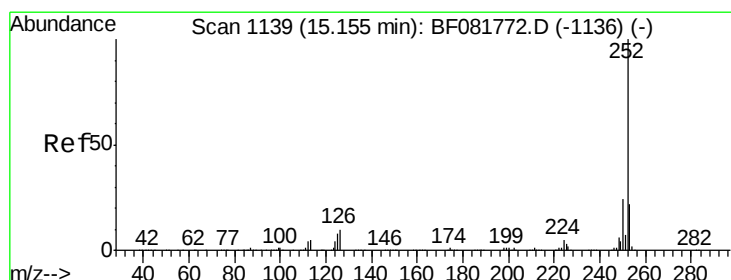
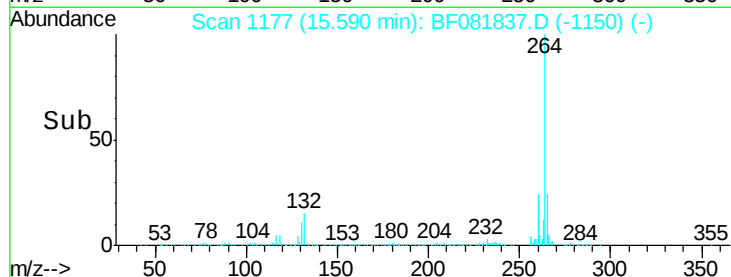
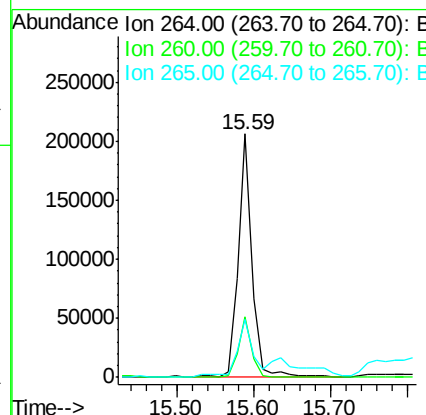
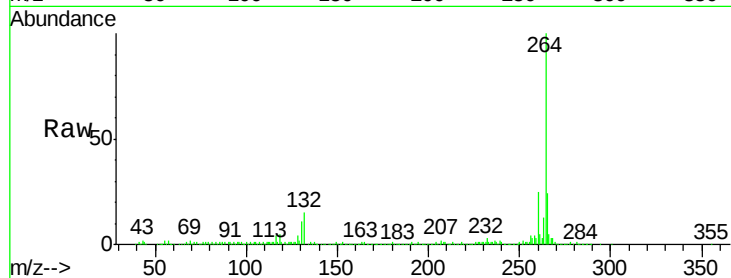




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.59 min Scan# 1177
Delta R.T. 0.01 min
Lab File: BF081837.D
Acq: 26 Sep 2015 19:57

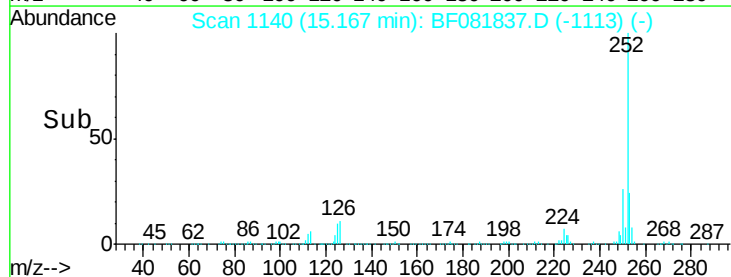
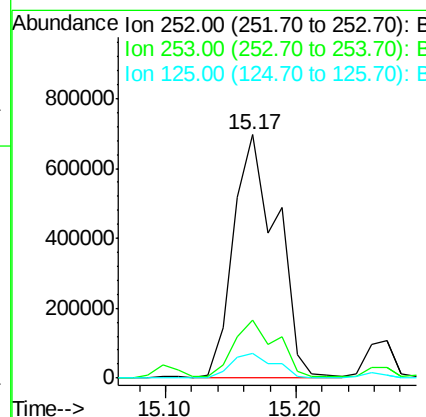
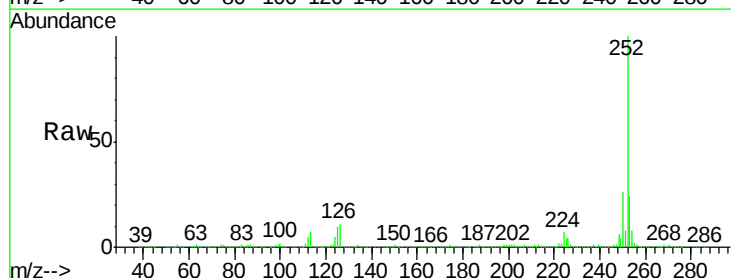
Instrument :
BNA_F
ClientSampled :
S2-10

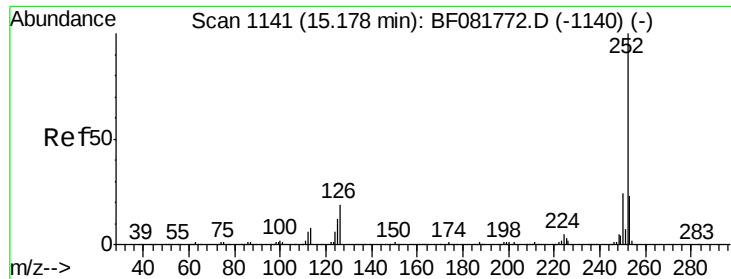
Tgt Ion:264 Resp: 264571
Ion Ratio Lower Upper
264 100
260 24.6 16.7 25.1
265 23.8 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 102.45 ng
RT: 15.17 min Scan# 1140
Delta R.T. 0.01 min
Lab File: BF081837.D
Acq: 26 Sep 2015 19:57

Tgt Ion:252 Resp: 1607408
Ion Ratio Lower Upper
252 100
253 24.0 17.5 26.3
125 9.9 17.1 25.7#

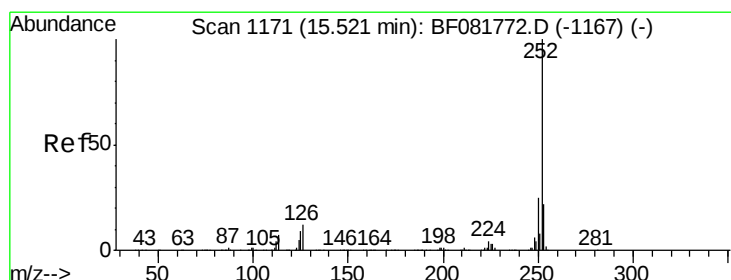
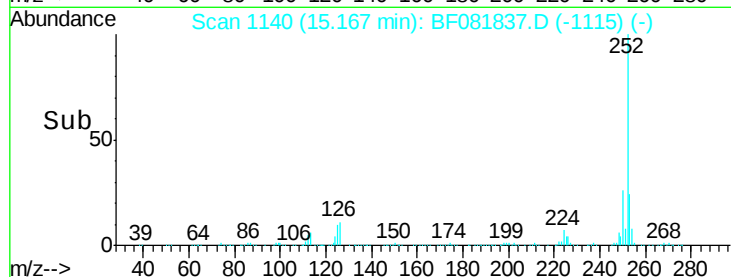
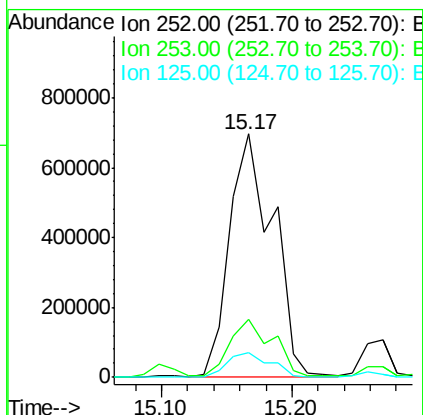
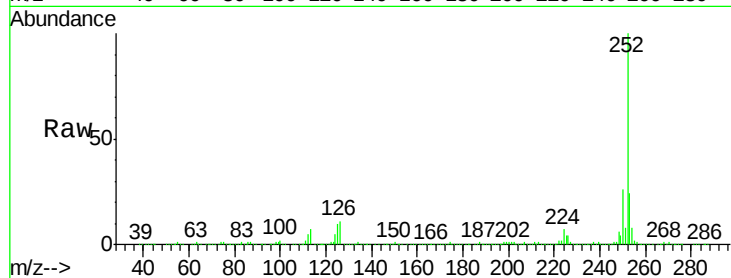




#88
Benzo(k)fluoranthene
Concen: 106.36 ng
RT: 15.17 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF081837.D
Acq: 26 Sep 2015 19:57

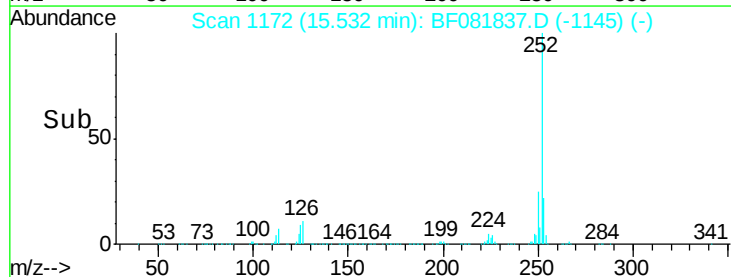
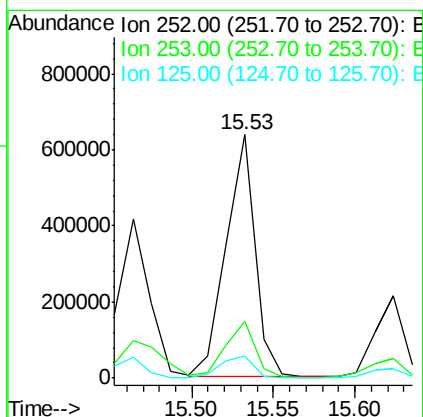
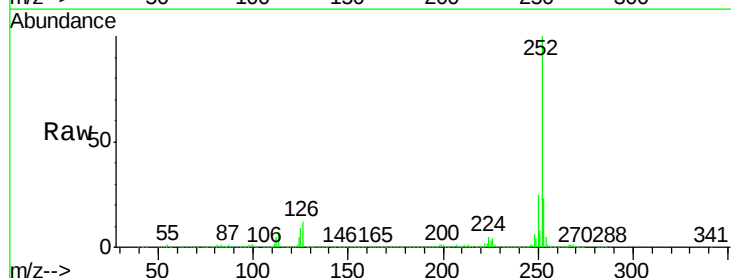
Instrument :
BNA_F
ClientSampleId :
S2-10

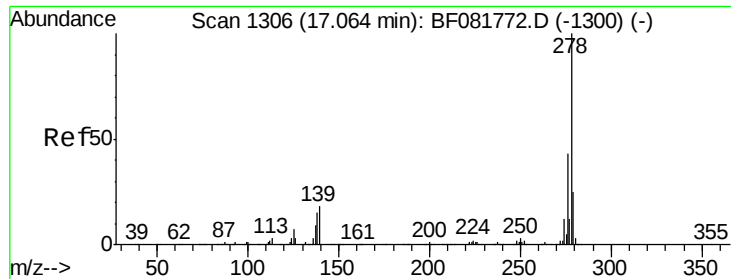
Tgt Ion:252 Resp: 1607408
Ion Ratio Lower Upper
252 100
253 24.0 17.0 25.4
125 9.9 16.0 24.0#



#89
Benzo(a)pyrene
Concen: 55.45 ng
RT: 15.53 min Scan# 1172
Delta R.T. 0.01 min
Lab File: BF081837.D
Acq: 26 Sep 2015 19:57

Tgt Ion:252 Resp: 785482
Ion Ratio Lower Upper
252 100
253 23.2 17.2 25.8
125 9.0 18.0 27.0#





#90

Dibenzo(a,h)anthracene

Concen: 7.70 ng

RT: 17.06 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BF081837.D

Acq: 26 Sep 2015 19:57

Instrument :

BNA_F

ClientSampleId :

S2-10

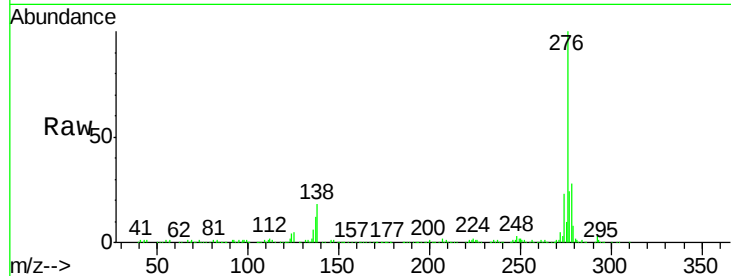
Tgt Ion: 278 Resp: 113719

Ion Ratio Lower Upper

278 100

139 0.0 26.3 39.5#

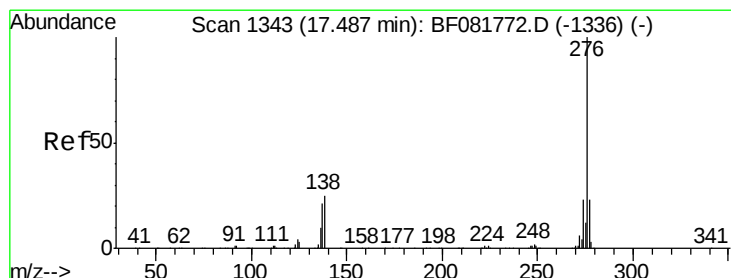
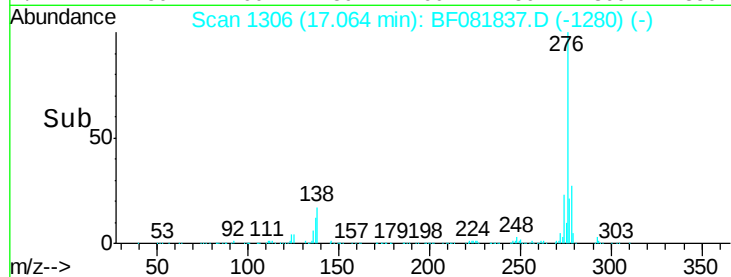
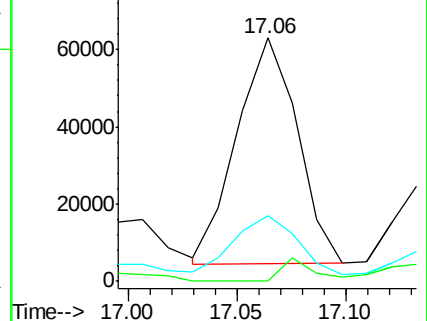
279 27.2 18.2 27.4



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: 30.37 ng

RT: 17.51 min Scan# 1345

Delta R.T. 0.02 min

Lab File: BF081837.D

Acq: 26 Sep 2015 19:57

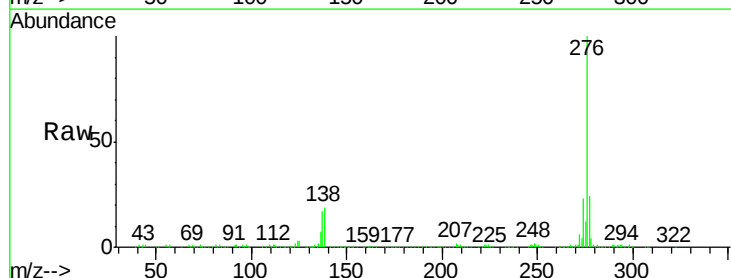
Tgt Ion: 276 Resp: 462225

Ion Ratio Lower Upper

276 100

277 24.2 17.8 26.6

138 19.2 34.6 51.8#



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

