

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
 Data File : BF081838.D
 Acq On : 26 Sep 2015 20:27
 Operator : UM/IZ
 Sample : G3779-04
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S2-20

Quant Time: Sep 28 07:50:01 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	120657	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	424029	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	208782	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	257279	20.00	ng	0.01
75) Chrysene-d12	14.15	240	182005	20.00	ng	0.03
86) Perylene-d12	15.62	264	275229	20.00	ng	0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	888173	124.53	ng	0.00
7) Phenol-d6	6.56	99	1144354	126.85	ng	-0.01
23) Nitrobenzene-d5	7.51	82	712832	110.92	ng	-0.01
41) 2,4,6-Tribromophenol	10.78	330	217249	119.85	ng	-0.01
44) 2-Fluorobiphenyl	9.30	172	968376	76.14	ng	-0.01
78) Terphenyl-d14	13.06	244	673573	84.54	ng	0.00

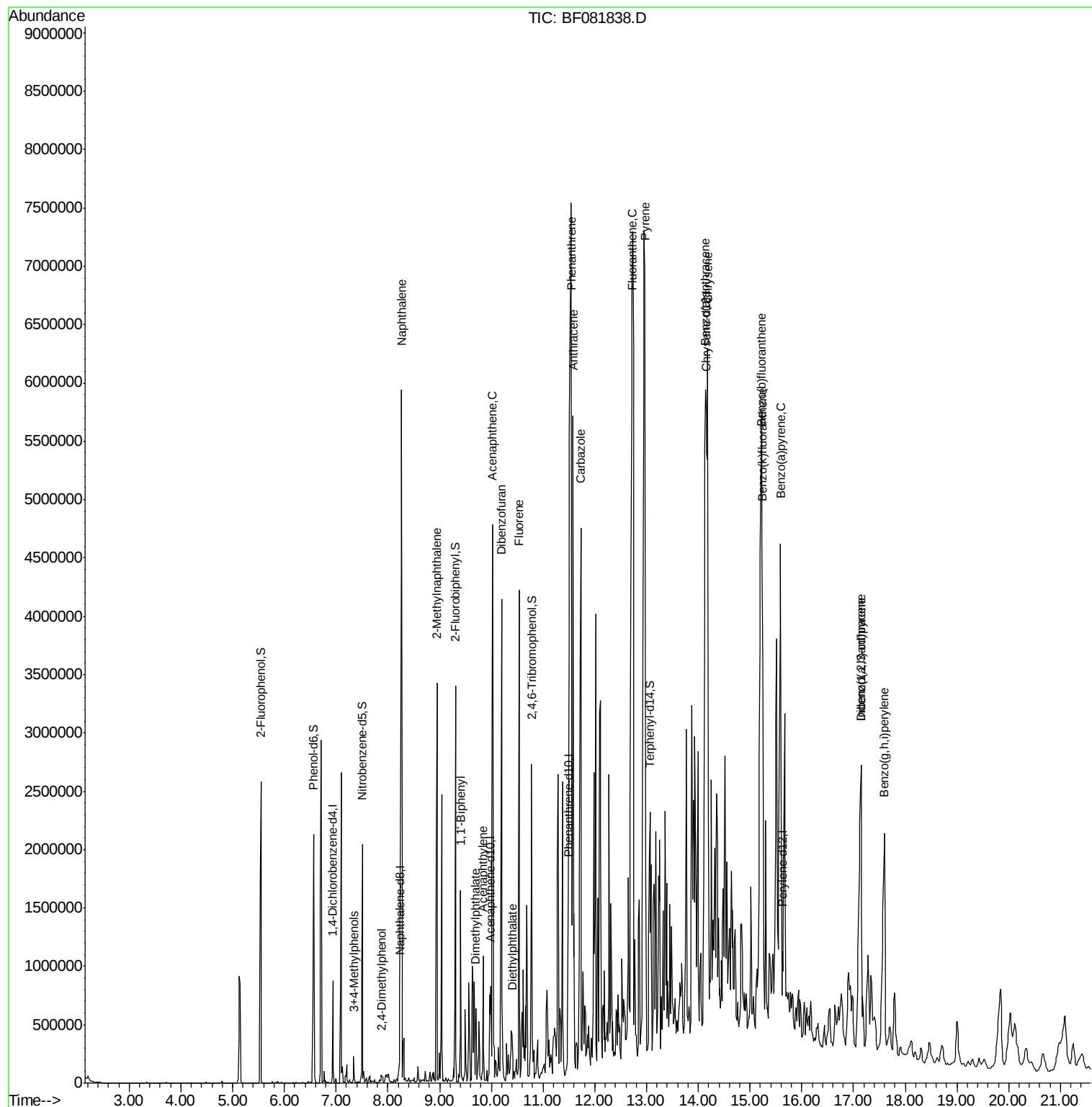
Target Compounds				Qvalue		
20) 3+4-Methylphenols	7.34	107	46525	5.58	ng	91
27) 2,4-Dimethylphenol	7.87	122	16632	2.58	ng	# 85
31) Naphthalene	8.26	128	4470995	228.56	ng	# 91
37) 2-Methylnaphthalene	8.95	142	1212256	86.96	ng	# 89
45) 1,1'-Biphenyl	9.41	154	504687	30.92	ng	95
48) Acenaphthylene	9.84	152	357081	16.07	ng	# 94
49) Dimethylphthalate	9.70	163	299875	18.88	ng	# 97
51) Acenaphthene	10.02	154	1252911	97.83	ng	# 88
54) Dibenzofuran	10.19	168	1841506	98.02	ng	# 83
57) Fluorene	10.54	166	1352151	93.79	ng	91
59) Diethylphthalate	10.40	149	74726	4.86	ng	99
70) Phenanthrene	11.54	178	8436437m	573.55	ng	
71) Anthracene	11.58	178	2578781m	181.94	ng	
72) Carbazole	11.73	167	2847665	216.42	ng	# 90
74) Fluoranthene	12.73	202	9407962	634.74	ng	85
77) Pyrene	12.97	202	7701907	561.29	ng	# 85
80) Benzo(a)anthracene	14.14	228	5651419	512.08	ng	# 87
82) Chrysene	14.18	228	2899682	273.96	ng	# 83
85) Indeno(1,2,3-cd)pyrene	17.14	276	2813082	290.31	ng	# 83
87) Benzo(b)fluoranthene	15.21	252	6656300m	407.83	ng	
88) Benzo(k)fluoranthene	15.24	252	1054179m	67.05	ng	
89) Benzo(a)pyrene	15.59	252	3537584	240.06	ng	# 82
90) Dibenzo(a,h)anthracene	17.14	278	755728	49.21	ng	# 77
91) Benzo(g,h,i)perylene	17.59	276	2483669	156.87	ng	# 75

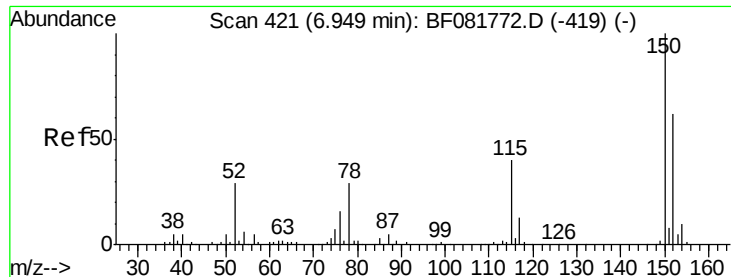
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF081838.D

Acq: 26 Sep 2015 20:27

Instrument :

BNA_F

ClientSampleId :

S2-20

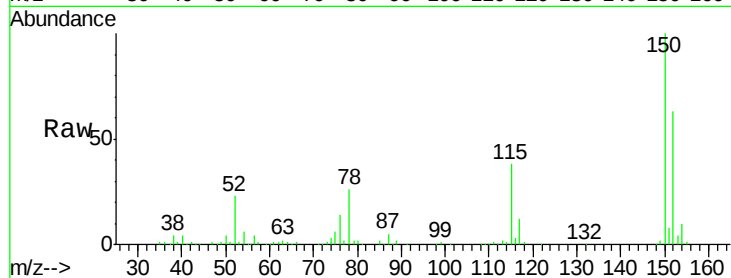
Tgt Ion:152 Resp: 120657

Ion Ratio Lower Upper

152 100

150 158.7 124.7 187.1

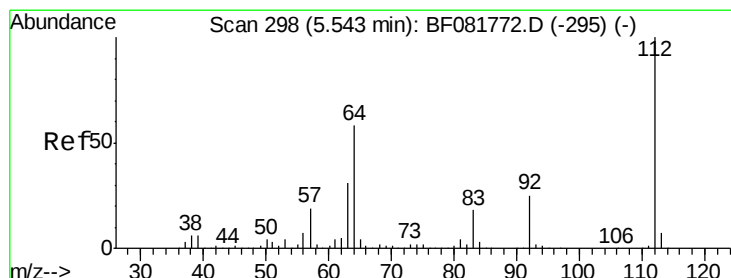
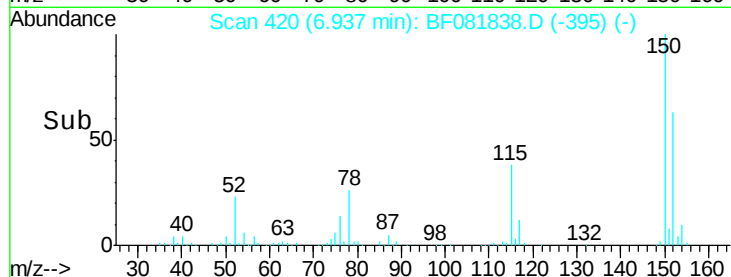
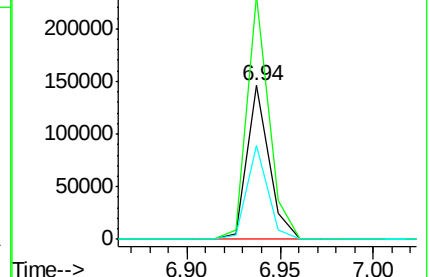
115 61.1 39.0 58.4#



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: 124.53 ng

RT: 5.54 min Scan# 298

Delta R.T. 0.00 min

Lab File: BF081838.D

Acq: 26 Sep 2015 20:27

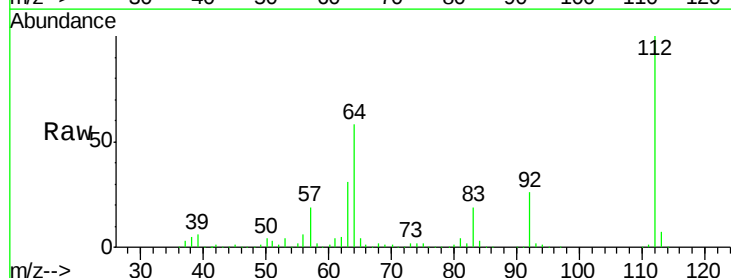
Tgt Ion:112 Resp: 888173

Ion Ratio Lower Upper

112 100

64 58.5 39.7 59.5

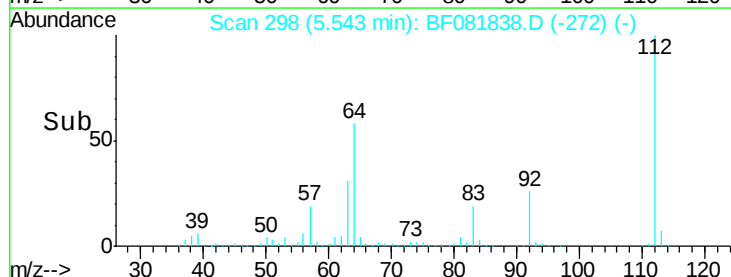
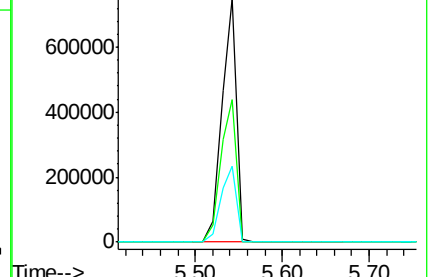
63 31.3 17.4 26.0#



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: 126.85 ng

RT: 6.56 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF081838.D

Acq: 26 Sep 2015 20:27

Instrument :

BNA_F

ClientSampleId :

S2-20

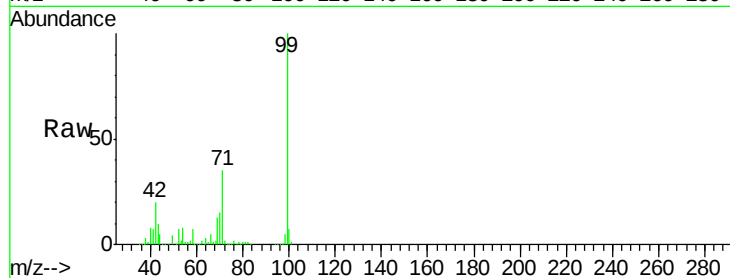
Tgt Ion: 99 Resp: 1144354

Ion Ratio Lower Upper

99 100

42 19.8 13.7 20.5

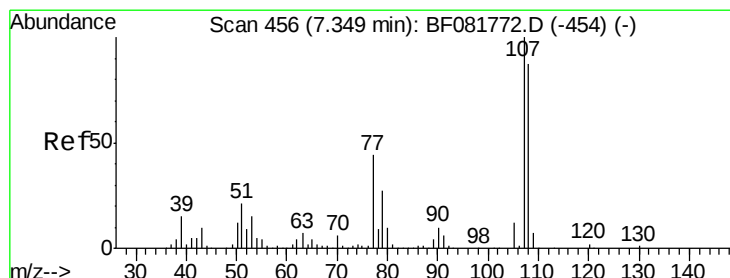
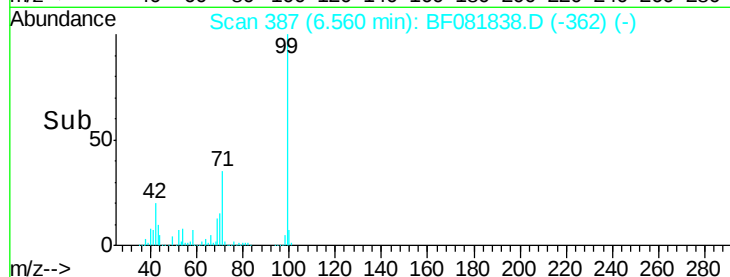
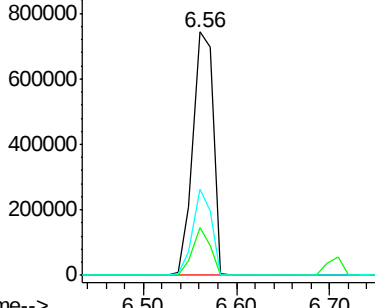
71 35.4 14.2 21.2#



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



#20

3+4-Methylphenols

Concen: 5.58 ng

RT: 7.34 min Scan# 455

Delta R.T. -0.01 min

Lab File: BF081838.D

Acq: 26 Sep 2015 20:27

Tgt Ion: 107 Resp: 46525

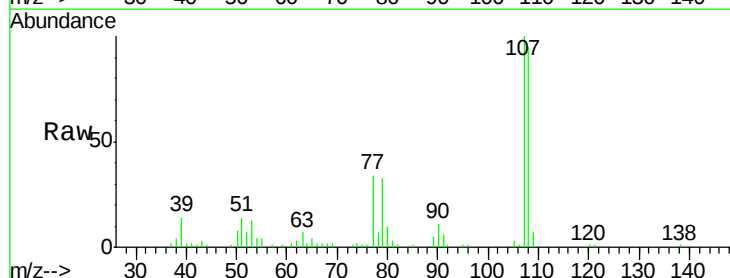
Ion Ratio Lower Upper

107 100

108 94.8 74.6 114.6

77 33.8 0.7 40.7

79 32.7 0.0 38.9

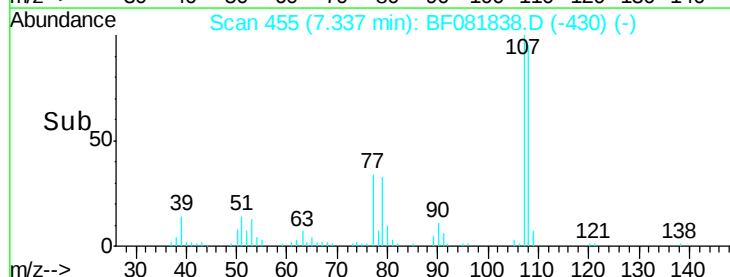
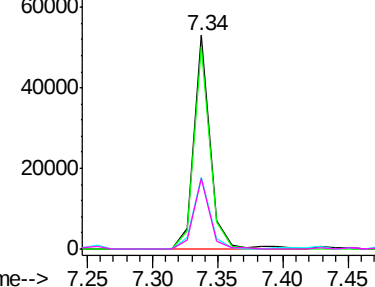


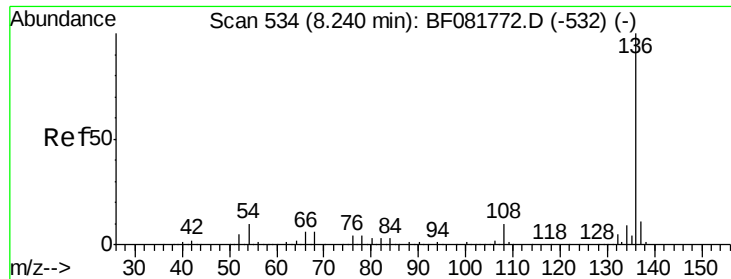
Abundance Ion 107.00 (106.70 to 107.70): E

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

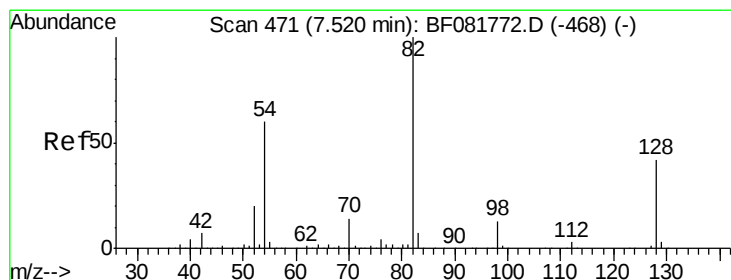
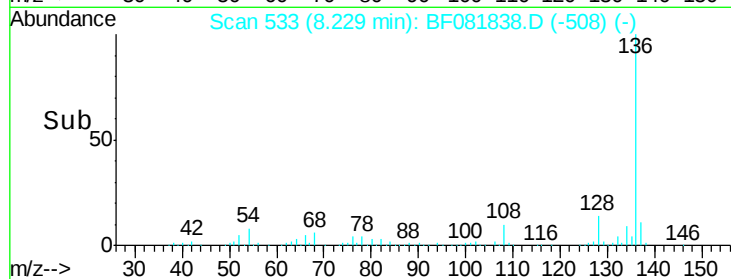
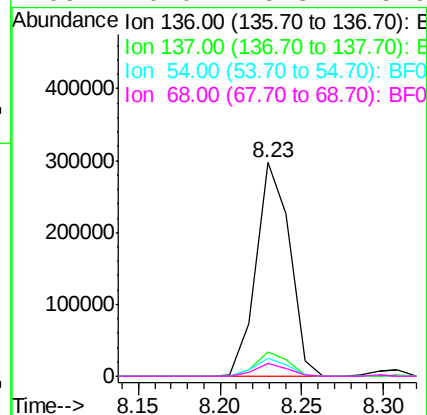
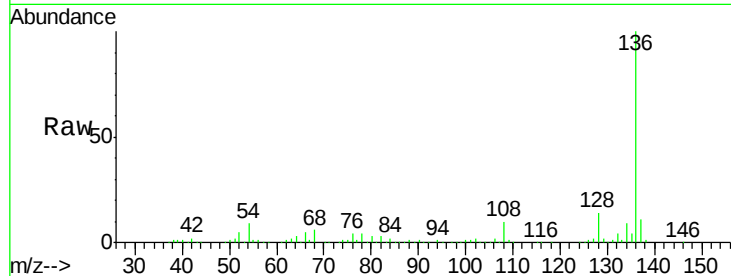




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.23 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF081838.D
Acq: 26 Sep 2015 20:27

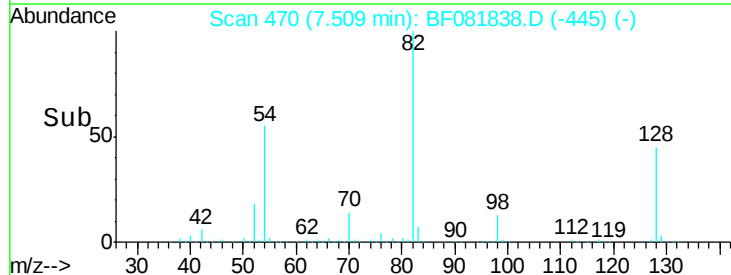
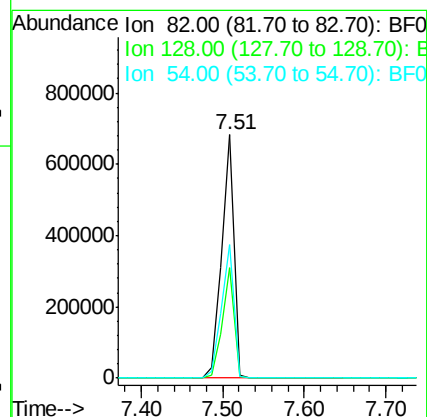
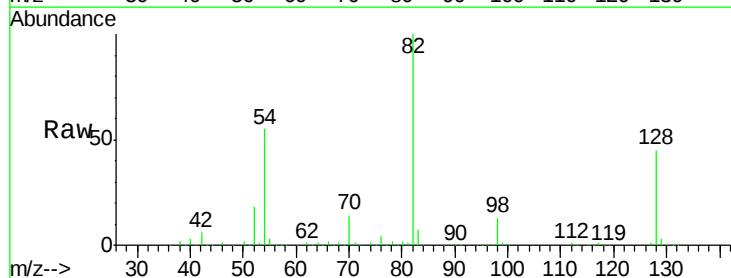
Instrument :
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ClientSampleId :
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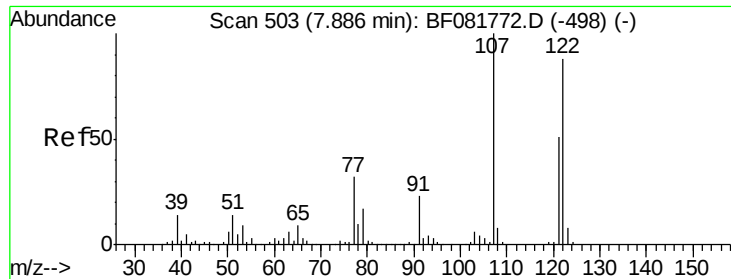
Tgt Ion:	136	Resp:	424029
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	8.5	8.2	12.2
68	6.0	5.8	8.6



#23
Nitrobenzene-d5
Concen: 110.92 ng
RT: 7.51 min Scan# 470
Delta R.T. -0.01 min
Lab File: BF081838.D
Acq: 26 Sep 2015 20:27

Tgt Ion:	82	Resp:	712832
Ion	Ratio	Lower	Upper
82	100		
128	45.2	51.0	76.6#
54	55.0	47.5	71.3

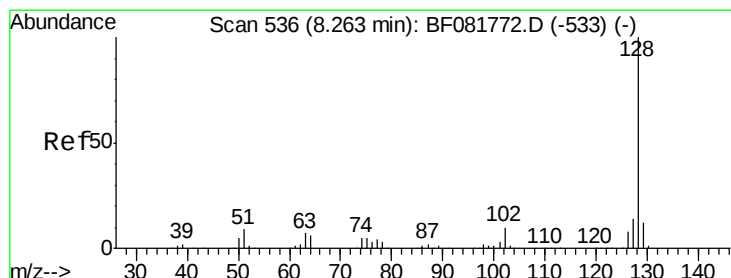
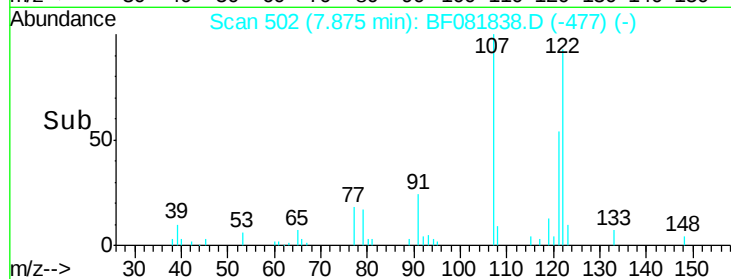
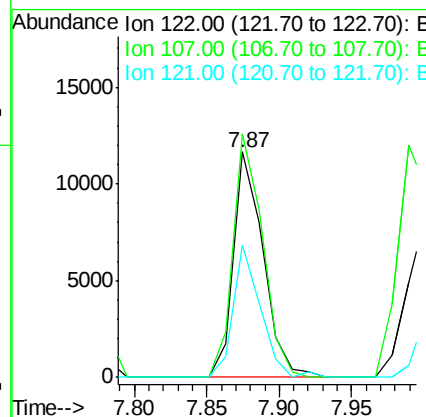
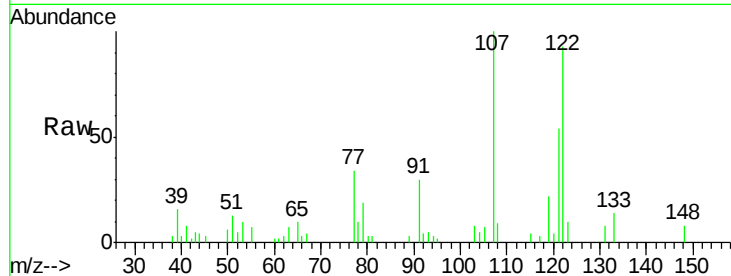




#27
2,4-Dimethylphenol
Concen: 2.58 ng
RT: 7.87 min Scan# 502
Delta R.T. -0.01 min
Lab File: BF081838.D
Acq: 26 Sep 2015 20:27

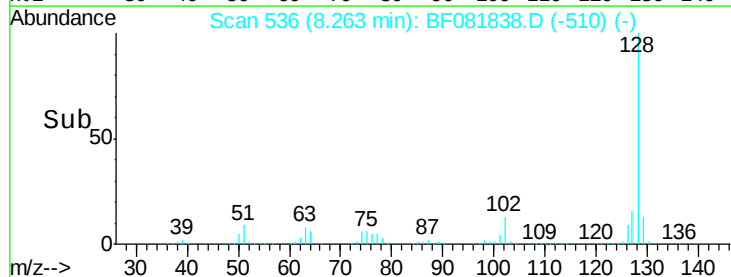
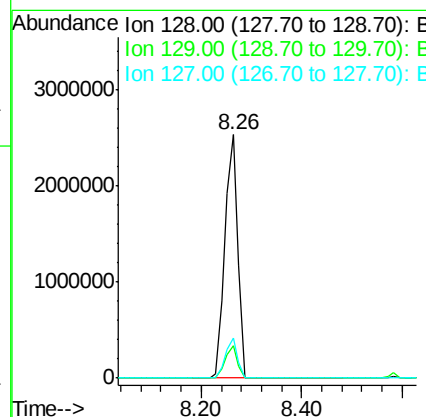
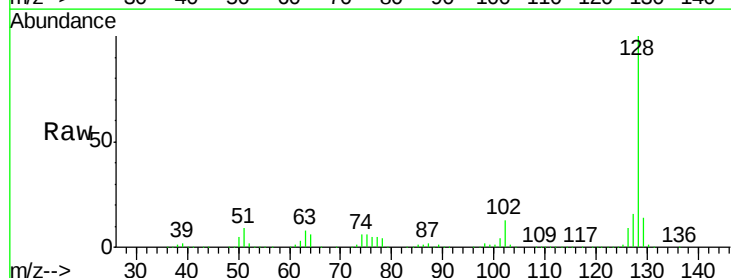
Instrument :
BNA_F
ClientSampleId :
S2-20

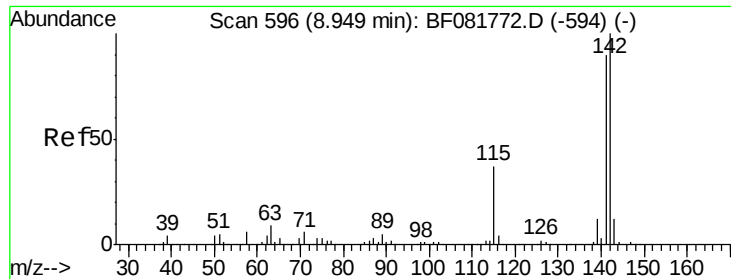
Tgt Ion:122 Resp: 16632
Ion Ratio Lower Upper
122 100
107 107.9 71.8 107.6#
121 58.6 42.3 63.5



#31
Naphthalene
Concen: 228.56 ng
RT: 8.26 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF081838.D
Acq: 26 Sep 2015 20:27

Tgt Ion:128 Resp: 4470995
Ion Ratio Lower Upper
128 100
129 13.5 8.4 12.6#
127 16.3 9.9 14.9#

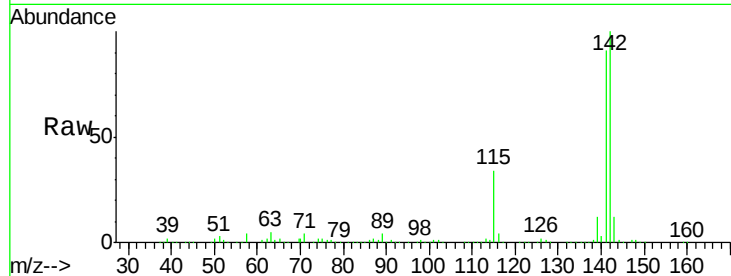




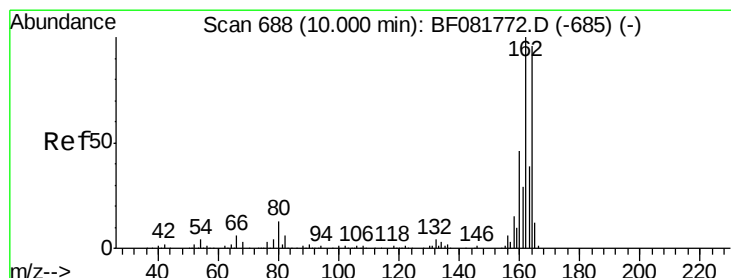
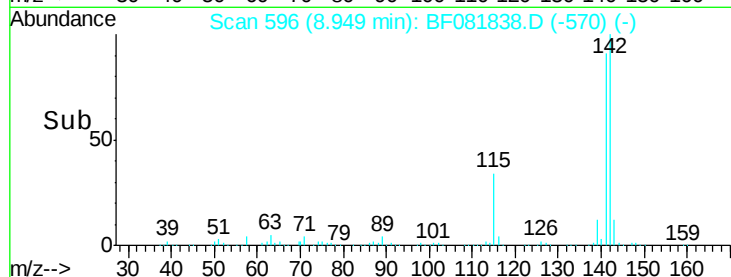
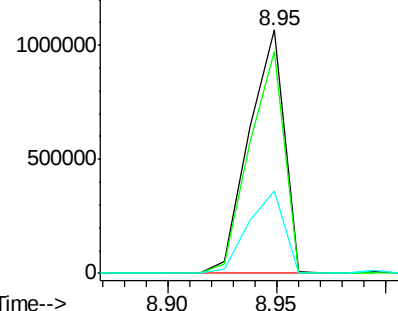
#37
 2-Methylnaphthalene
 Concen: 86.96 ng
 RT: 8.95 min Scan# 596
 Delta R.T. 0.00 min
 Lab File: BF081838.D
 Acq: 26 Sep 2015 20:27

Instrument :
 BNA_F
 ClientSampled :
 S2-20

Tgt Ion:142 Resp: 1212256
 Ion Ratio Lower Upper
 142 100
 141 90.9 67.5 101.3
 115 34.0 18.2 27.2#

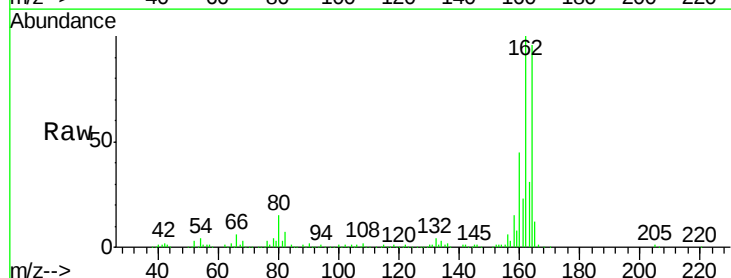


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

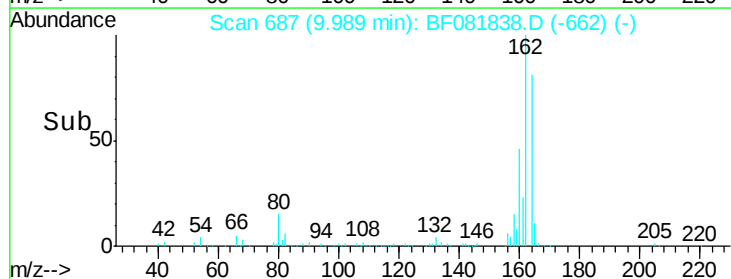
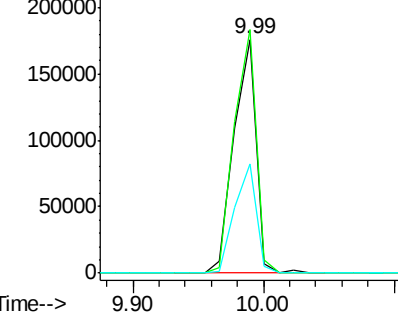


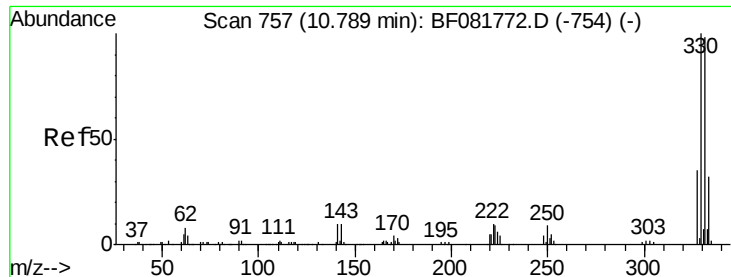
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.99 min Scan# 687
 Delta R.T. -0.01 min
 Lab File: BF081838.D
 Acq: 26 Sep 2015 20:27

Tgt Ion:164 Resp: 208782
 Ion Ratio Lower Upper
 164 100
 162 104.1 75.2 112.8
 160 46.8 31.5 47.3



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

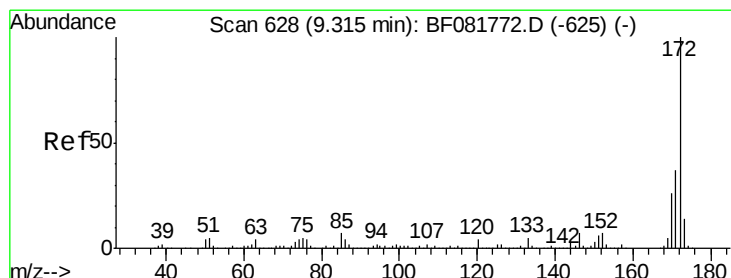
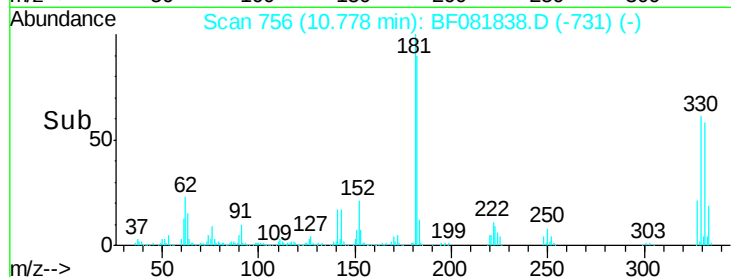
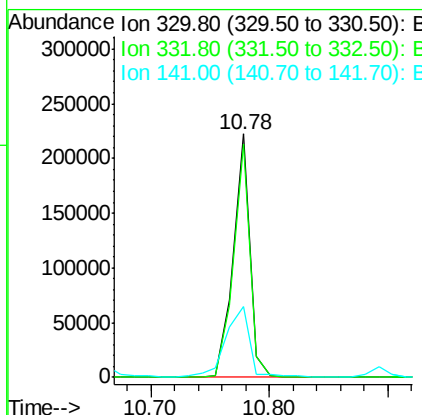
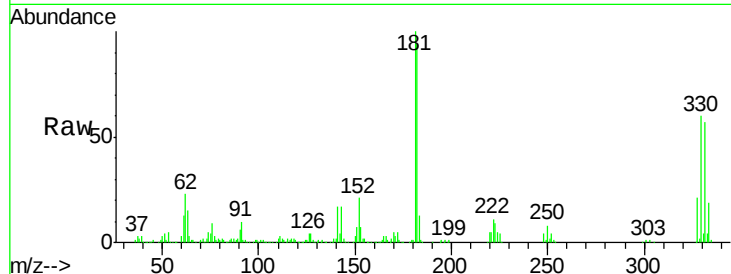




#41
 2,4,6-Tribromophenol
 Concen: 119.85 ng
 RT: 10.78 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BF081838.D
 Acq: 26 Sep 2015 20:27

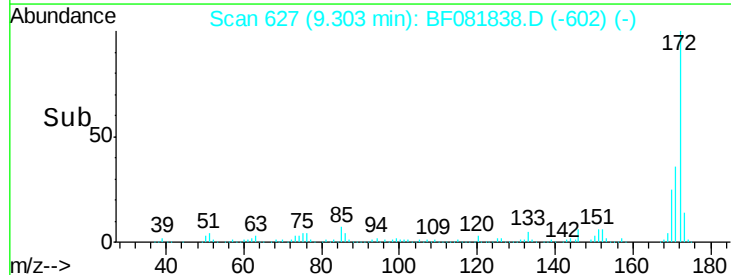
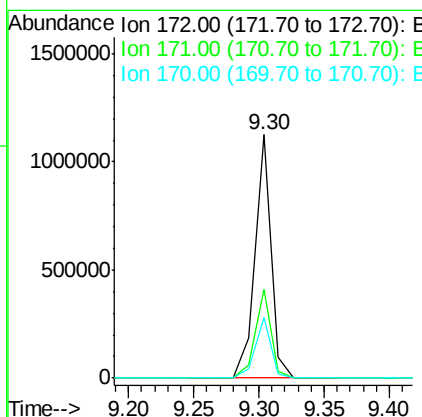
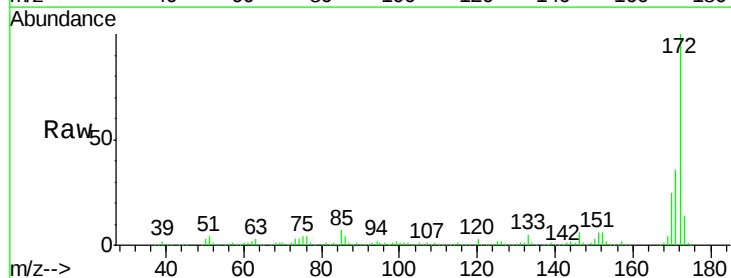
Instrument :
 BNA_F
 ClientSampleId :
 S2-20

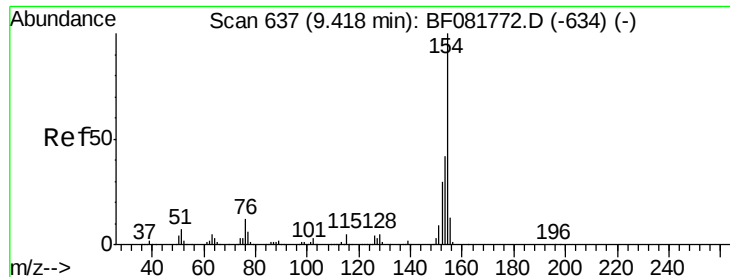
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.6	114.8
141	40.1	29.7	44.5



#44
 2-Fluorobiphenyl
 Concen: 76.14 ng
 RT: 9.30 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF081838.D
 Acq: 26 Sep 2015 20:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	26.1	39.1
170	24.9	17.4	26.2

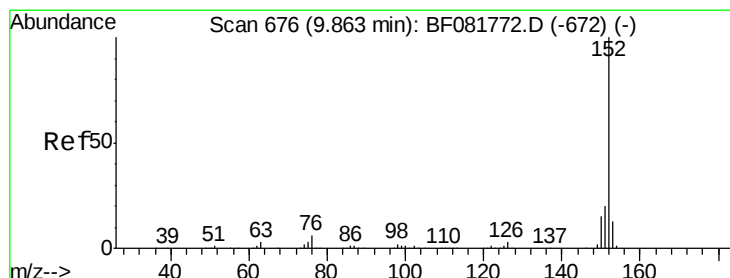
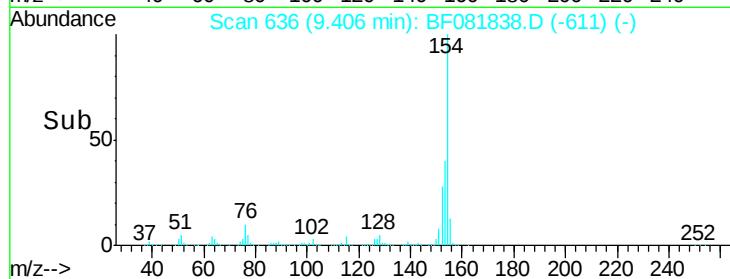
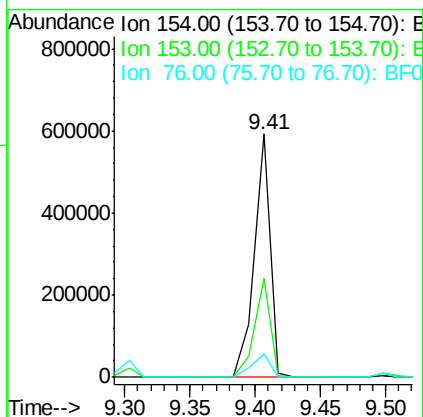
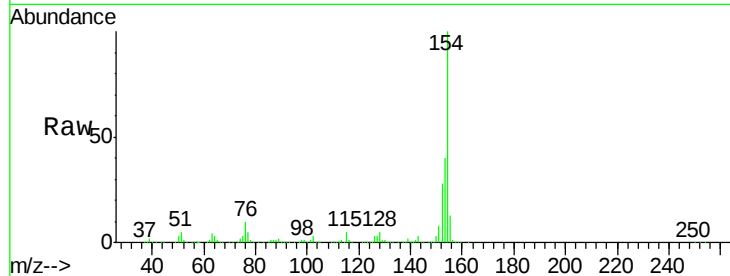




#45
 1,1'-Biphenyl
 Concen: 30.92 ng
 RT: 9.41 min Scan# 636
 Delta R.T. -0.01 min
 Lab File: BF081838.D
 Acq: 26 Sep 2015 20:27

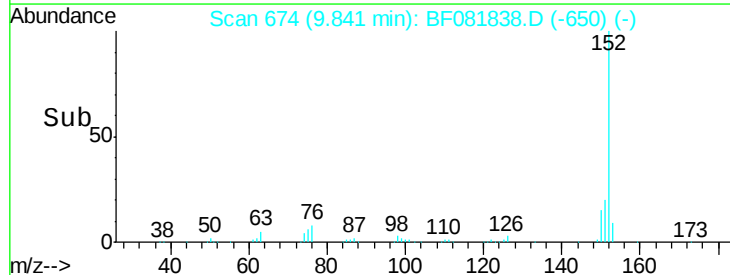
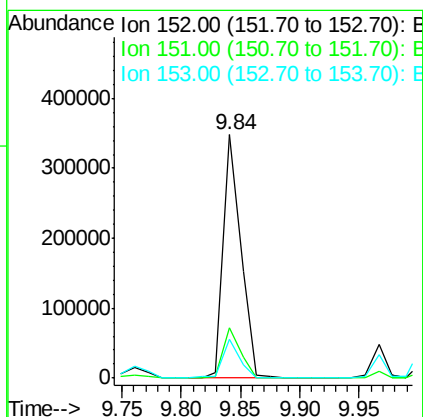
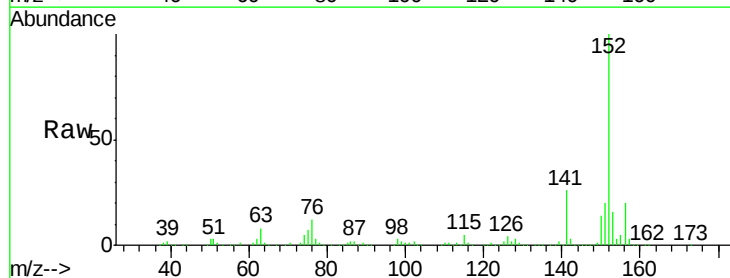
Instrument :
 BNA_F
 ClientSampleId :
 S2-20

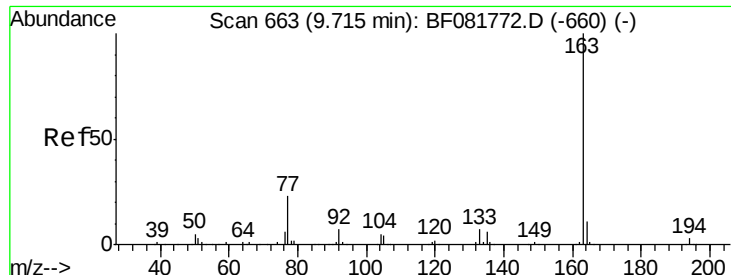
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.4	17.1	57.1
76	9.7	0.0	31.6



#48
 Acenaphthylene
 Concen: 16.07 ng
 RT: 9.84 min Scan# 674
 Delta R.T. -0.02 min
 Lab File: BF081838.D
 Acq: 26 Sep 2015 20:27

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	14.6	22.0
153	16.0	10.3	15.5#

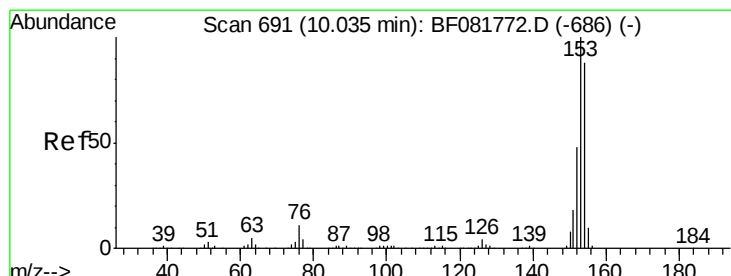
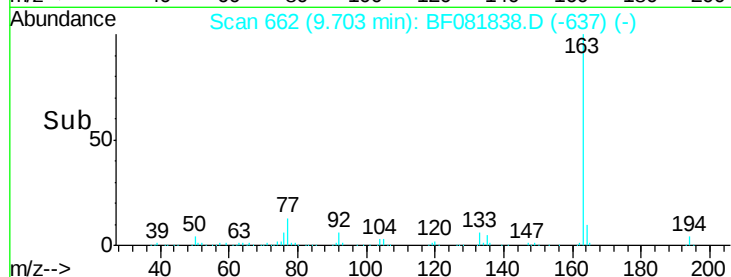
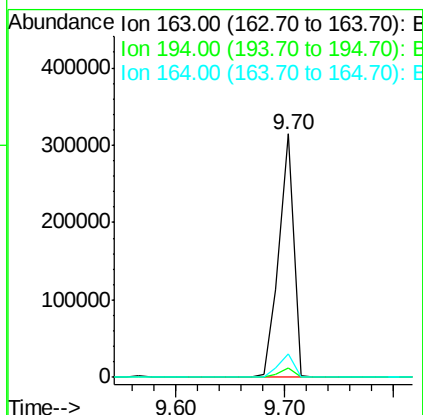
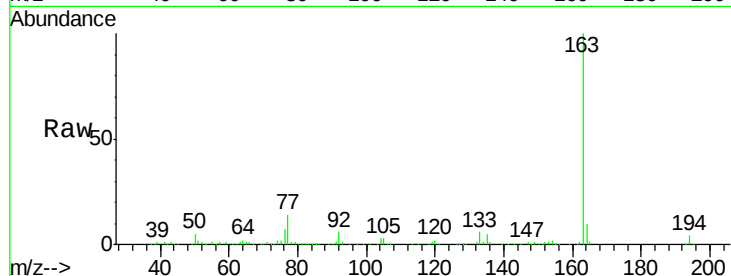




#49
Dimethylphthalate
Concen: 18.88 ng
RT: 9.70 min Scan# 662
Delta R.T. -0.01 min
Lab File: BF081838.D
Acq: 26 Sep 2015 20:27

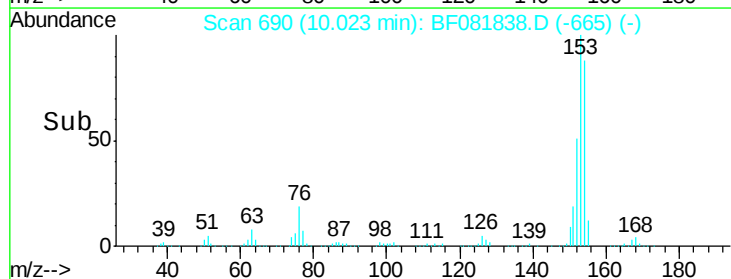
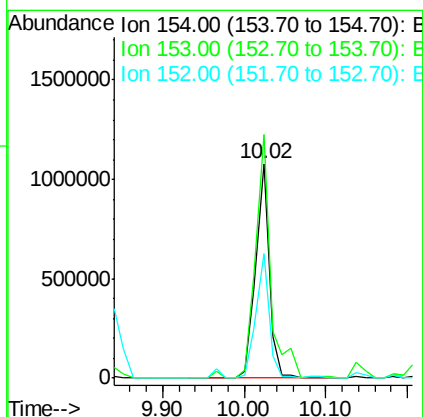
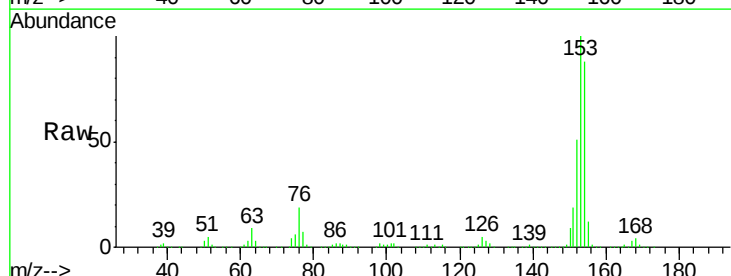
Instrument :
BNA_F
ClientSampleId :
S2-20

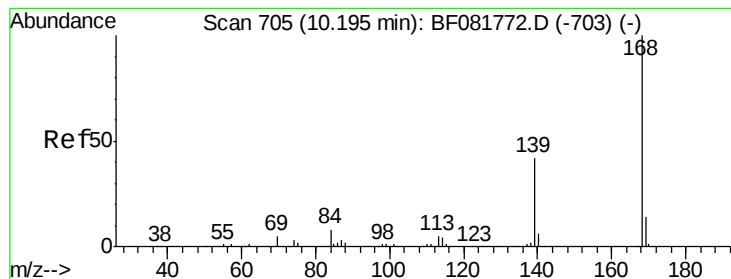
Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	4.4	6.6#
164	9.6	8.3	12.5



#51
Acenaphthene
Concen: 97.83 ng
RT: 10.02 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF081838.D
Acq: 26 Sep 2015 20:27

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.6	82.1	123.1
152	57.9	37.9	56.9#





#54

Dibenzenofuran

Concen: 98.02 ng

RT: 10.19 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF081838.D

Acq: 26 Sep 2015 20:27

Instrument :

BNA_F

ClientSampleId :

S2-20

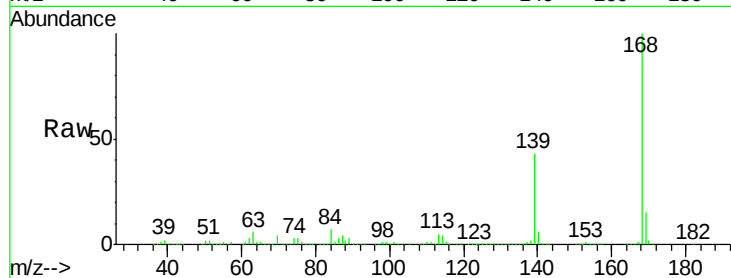
Tgt Ion:168 Resp: 1841506

Ion Ratio Lower Upper

168 100

139 42.5 24.2 36.2#

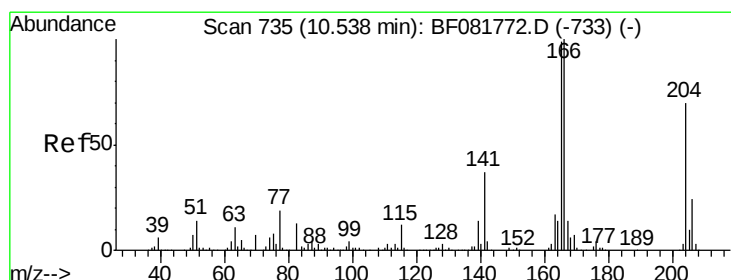
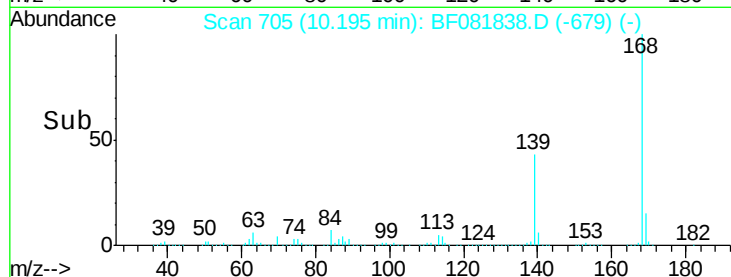
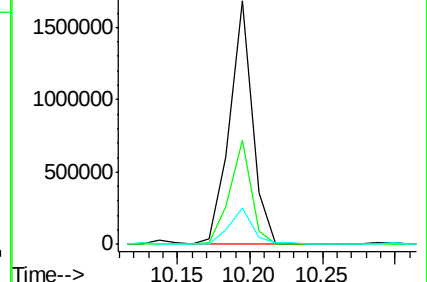
169 15.0 10.6 15.8



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



#57

Fluorene

Concen: 93.79 ng

RT: 10.54 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF081838.D

Acq: 26 Sep 2015 20:27

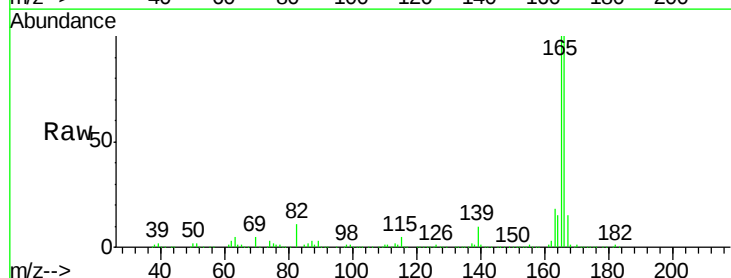
Tgt Ion:166 Resp: 1352151

Ion Ratio Lower Upper

166 100

165 99.7 72.6 109.0

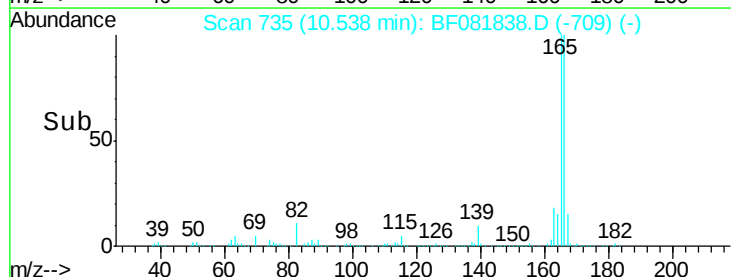
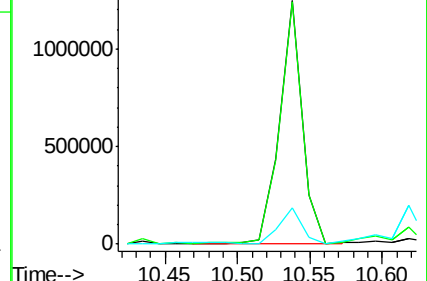
167 15.1 10.6 16.0

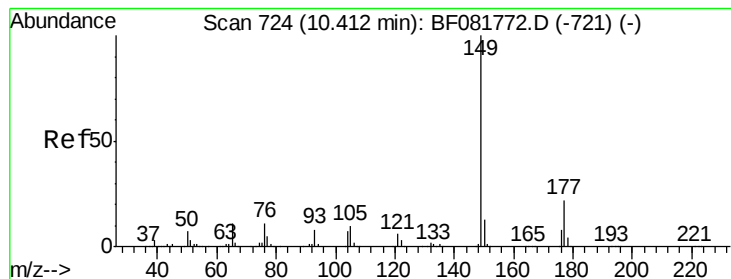


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

Diethylphthalate

Concen: 4.86 ng

RT: 10.40 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF081838.D

Acq: 26 Sep 2015 20:27

Instrument :

BNA_F

ClientSampled :

S2-20

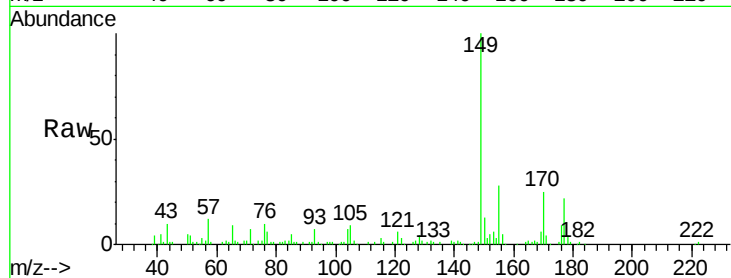
Tgt Ion:149 Resp: 74726

Ion Ratio Lower Upper

149 100

177 21.8 17.5 26.3

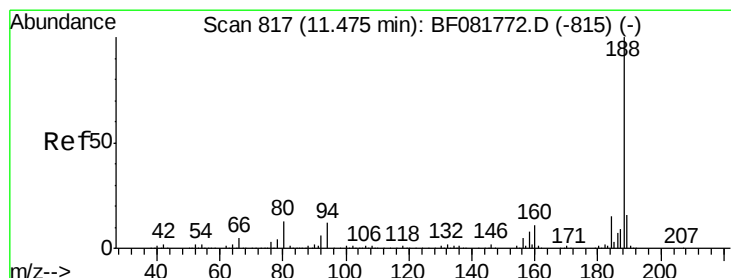
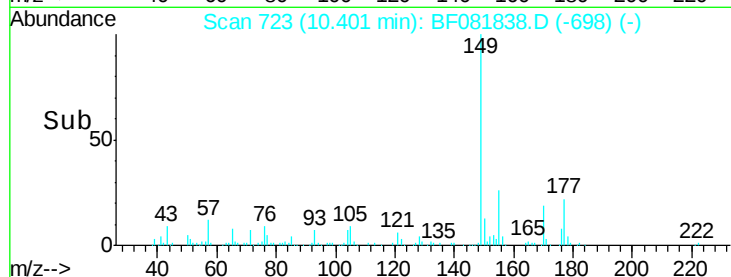
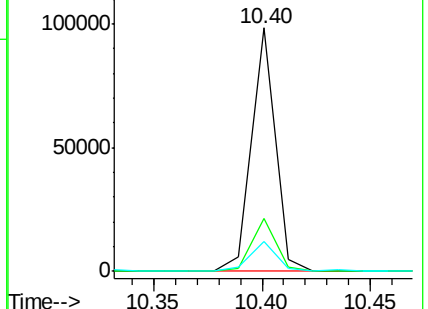
150 12.5 9.4 14.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.49 min Scan# 818

Delta R.T. 0.01 min

Lab File: BF081838.D

Acq: 26 Sep 2015 20:27

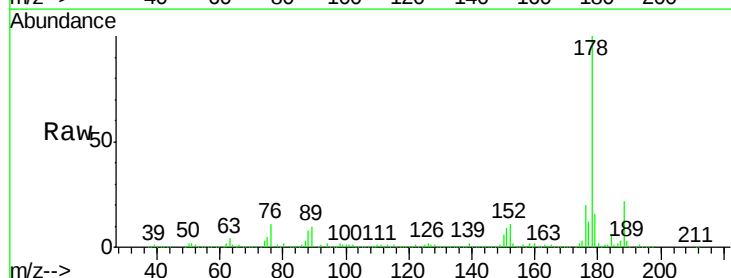
Tgt Ion:188 Resp: 257279

Ion Ratio Lower Upper

188 100

94 9.2 11.1 16.7#

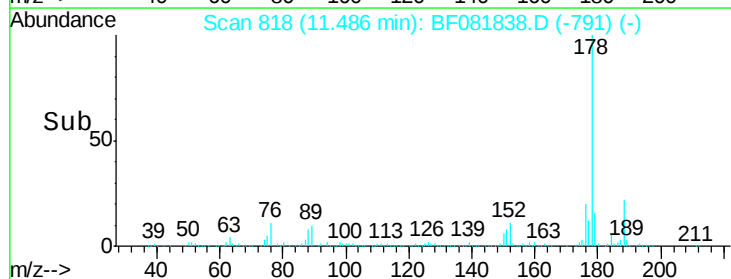
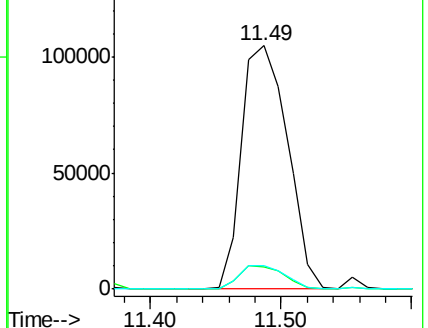
80 9.8 11.0 16.4#

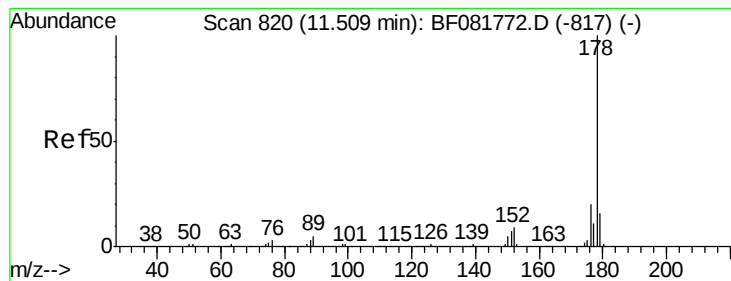


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#70

Phenanthrene

Concen: 573.55 ng m

RT: 11.54 min Scan# 823

Delta R.T. 0.03 min

Lab File: BF081838.D

Acq: 26 Sep 2015 20:27

Instrument :

BNA_F

ClientSampleId :

S2-20

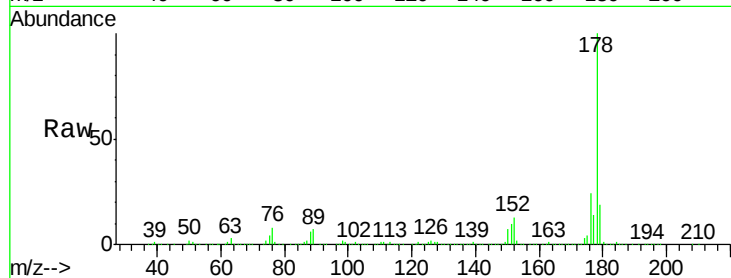
Tgt Ion:178 Resp: 8436437

Ion Ratio Lower Upper

178 100

176 24.3 13.8 20.8#

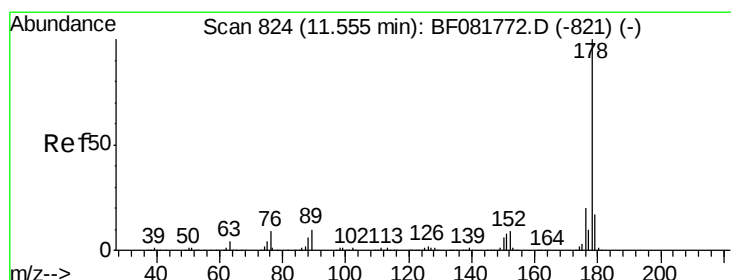
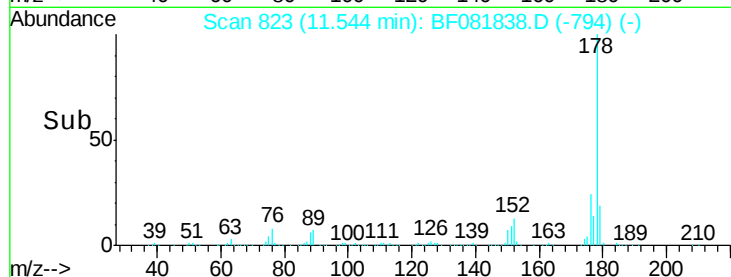
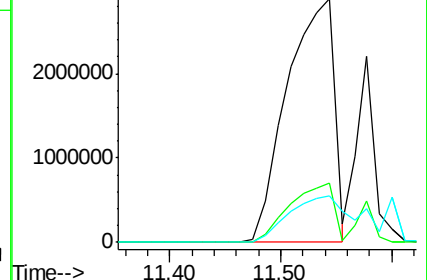
179 19.3 12.2 18.2#



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: 181.94 ng m

RT: 11.58 min Scan# 826

Delta R.T. 0.02 min

Lab File: BF081838.D

Acq: 26 Sep 2015 20:27

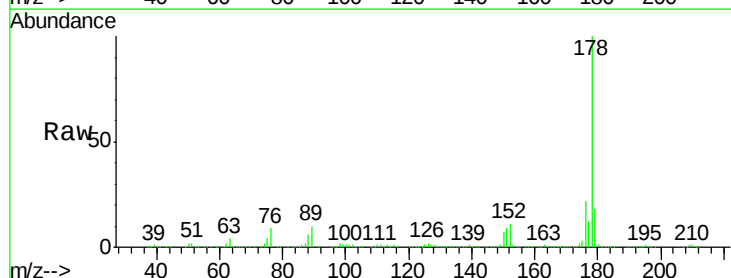
Tgt Ion:178 Resp: 2578781

Ion Ratio Lower Upper

178 100

176 22.4 14.1 21.1#

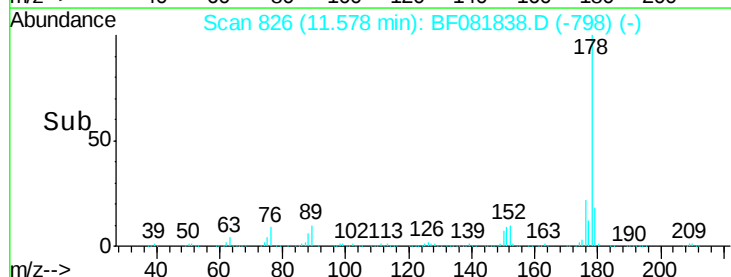
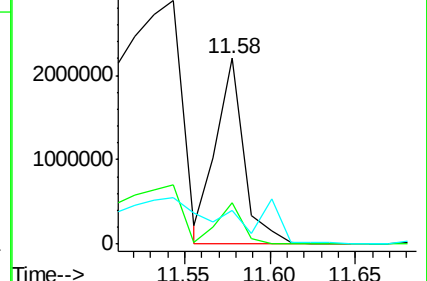
179 18.1 12.2 18.2

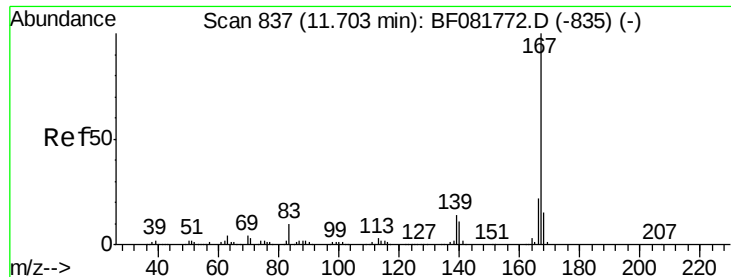


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 216.42 ng

RT: 11.73 min Scan# 839

Delta R.T. 0.02 min

Lab File: BF081838.D

Acq: 26 Sep 2015 20:27

Instrument :

BNA_F

ClientSampled :

S2-20

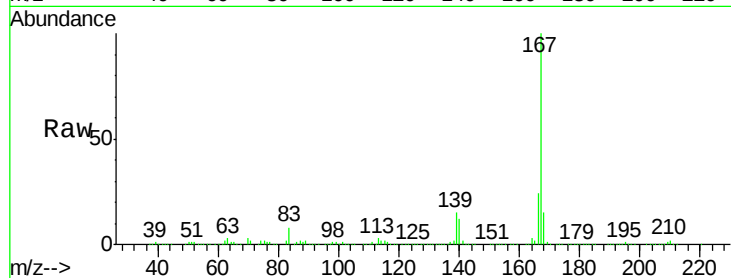
Tgt Ion:167 Resp: 2847665

Ion Ratio Lower Upper

167 100

166 24.5 15.7 23.5#

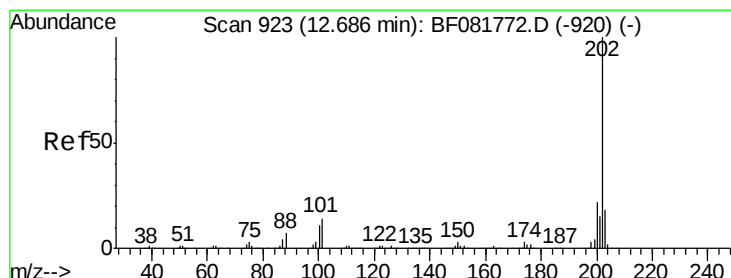
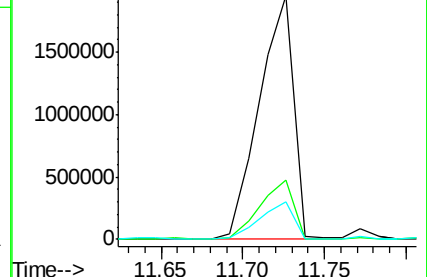
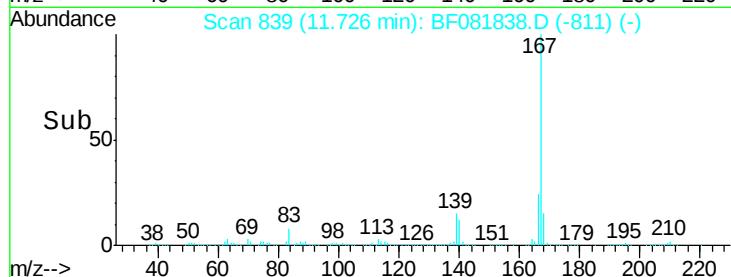
139 15.3 9.5 14.3#



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: 634.74 ng

RT: 12.73 min Scan# 927

Delta R.T. 0.05 min

Lab File: BF081838.D

Acq: 26 Sep 2015 20:27

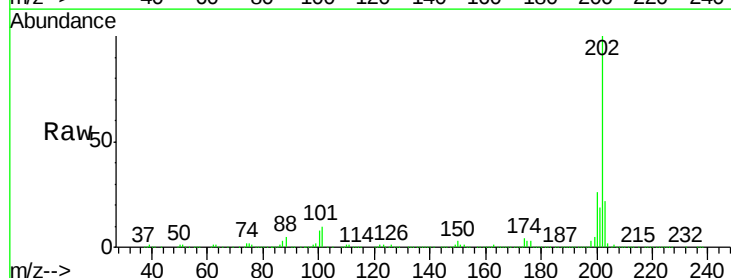
Tgt Ion:202 Resp: 9407962

Ion Ratio Lower Upper

202 100

101 10.0 0.0 38.3

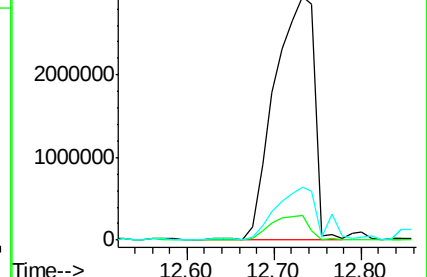
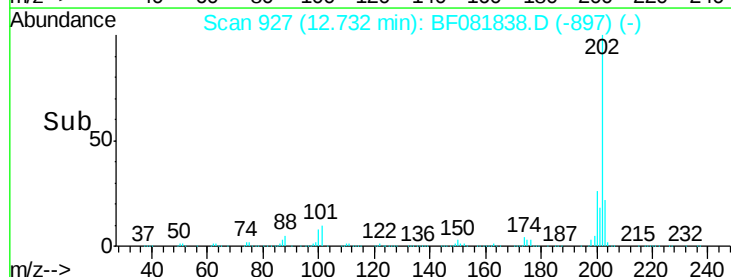
203 21.9 0.0 37.3

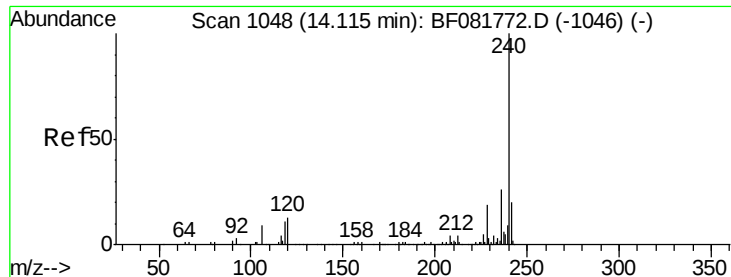


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.15 min Scan# 1051

Delta R.T. 0.03 min

Lab File: BF081838.D

Acq: 26 Sep 2015 20:27

Instrument :

BNA_F

ClientSampleId :

S2-20

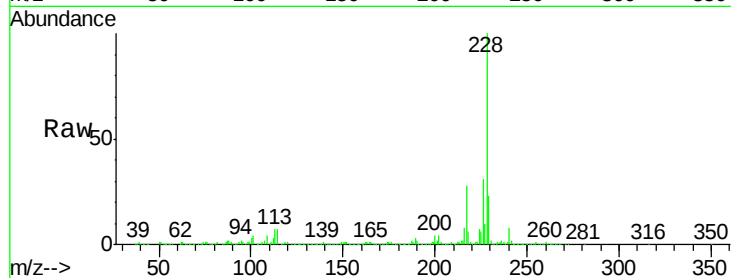
Tgt Ion:240 Resp: 182005

Ion Ratio Lower Upper

240 100

120 12.4 16.2 24.2#

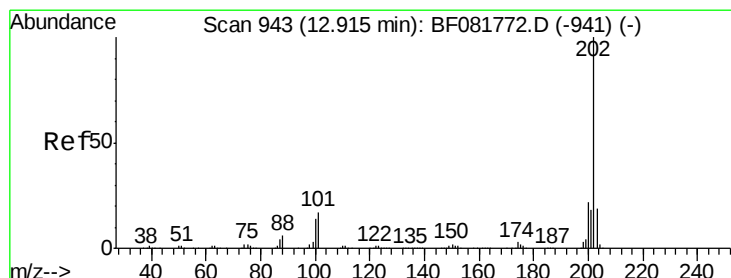
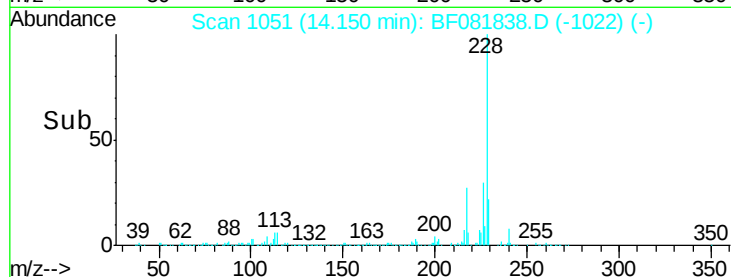
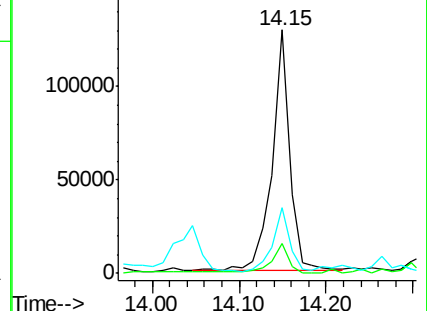
236 27.2 18.4 27.6



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: 561.29 ng

RT: 12.97 min Scan# 948

Delta R.T. 0.06 min

Lab File: BF081838.D

Acq: 26 Sep 2015 20:27

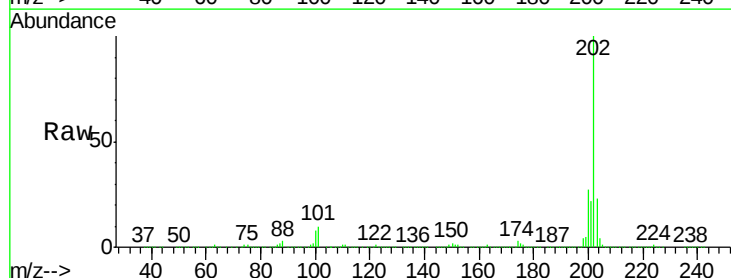
Tgt Ion:202 Resp: 7701907

Ion Ratio Lower Upper

202 100

200 26.7 15.0 22.4#

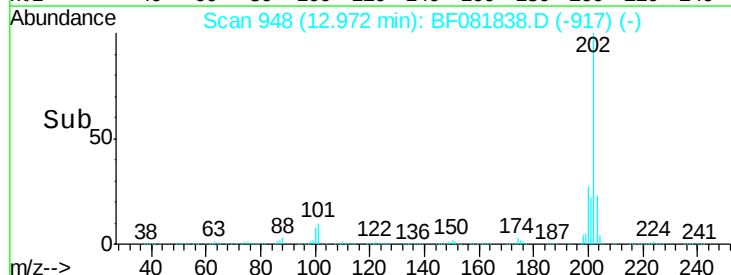
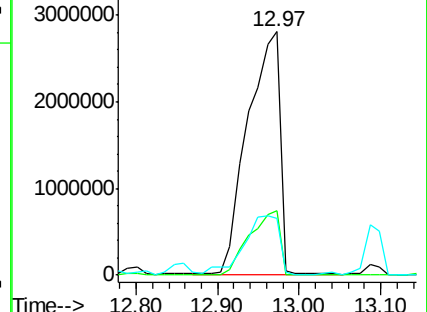
203 23.1 14.1 21.1#

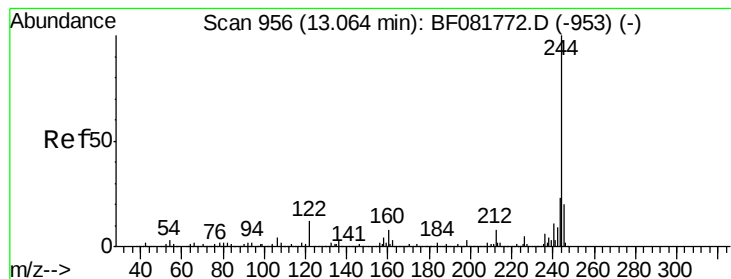


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 84.54 ng

RT: 13.06 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF081838.D

Acq: 26 Sep 2015 20:27

Instrument :

BNA_F

ClientSampleId :

S2-20

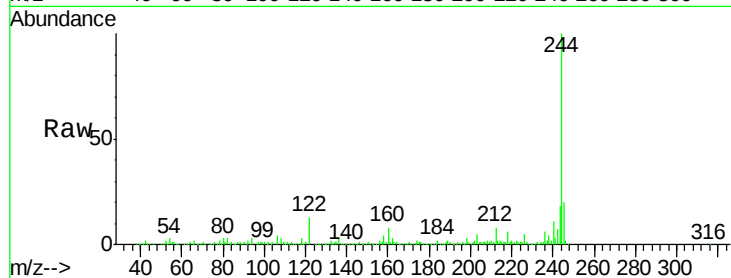
Tgt Ion:244 Resp: 673573

Ion Ratio Lower Upper

244 100

212 7.9 4.3 6.5#

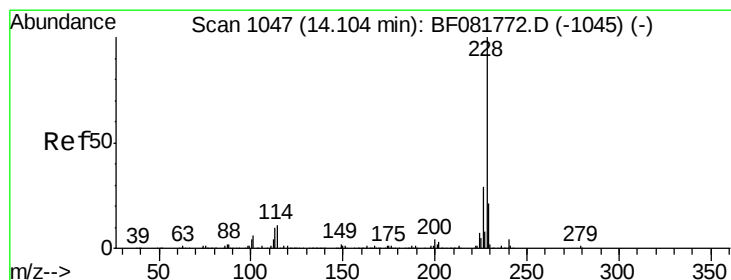
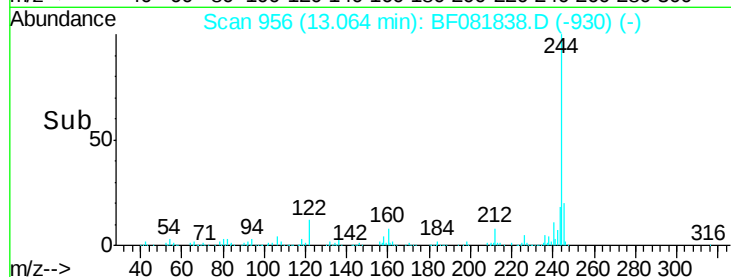
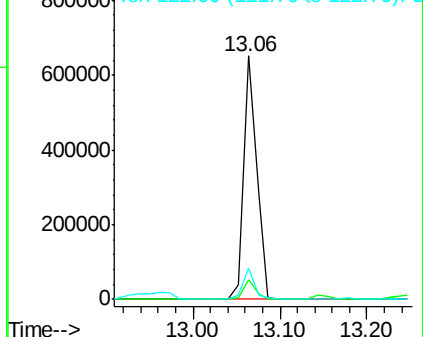
122 12.6 17.4 26.2#



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: 512.08 ng

RT: 14.14 min Scan# 1050

Delta R.T. 0.03 min

Lab File: BF081838.D

Acq: 26 Sep 2015 20:27

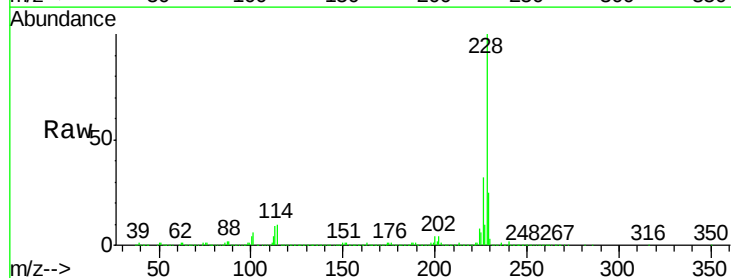
Tgt Ion:228 Resp: 5651419

Ion Ratio Lower Upper

228 100

226 31.9 20.0 30.0#

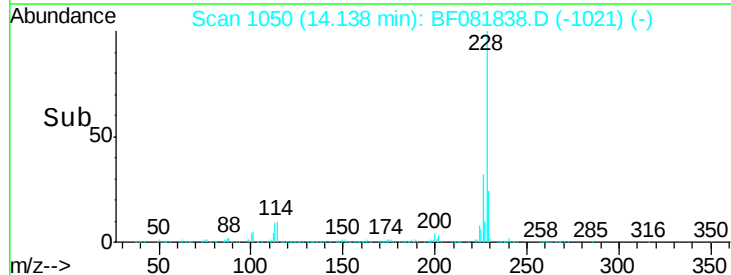
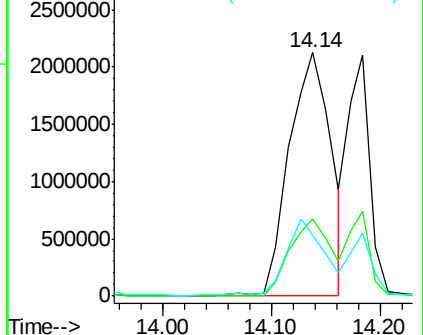
229 24.6 15.4 23.2#

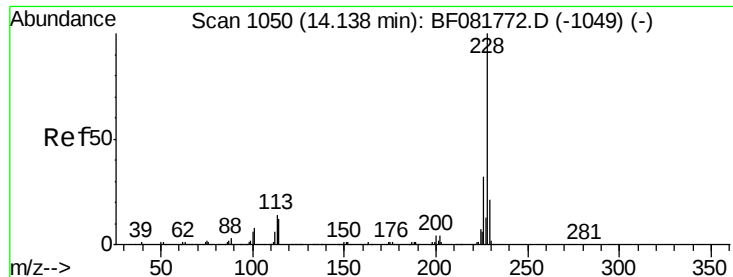


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 273.96 ng

RT: 14.18 min Scan# 1054

Delta R.T. 0.05 min

Lab File: BF081838.D

Acq: 26 Sep 2015 20:27

Instrument :

BNA_F

ClientSampled :

S2-20

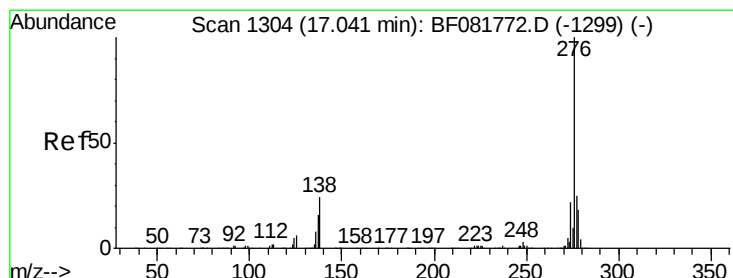
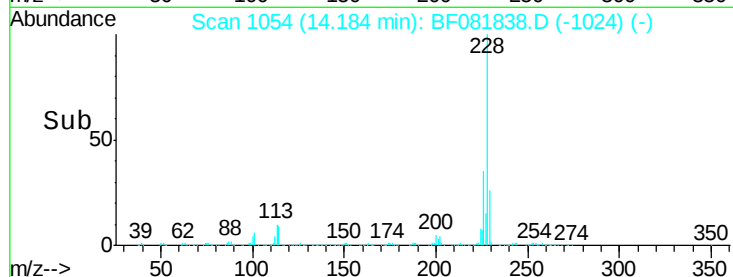
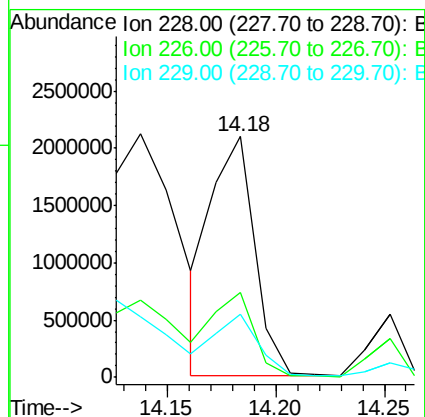
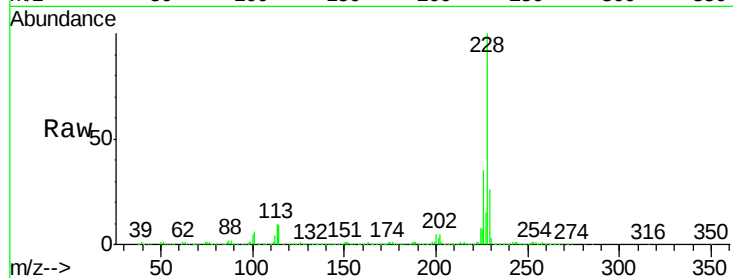
Tgt Ion:228 Resp: 2899682

Ion Ratio Lower Upper

228 100

226 35.5 21.0 31.4#

229 26.2 15.6 23.4#



#85

Indeno(1,2,3-cd)pyrene

Concen: 290.31 ng

RT: 17.14 min Scan# 1313

Delta R.T. 0.10 min

Lab File: BF081838.D

Acq: 26 Sep 2015 20:27

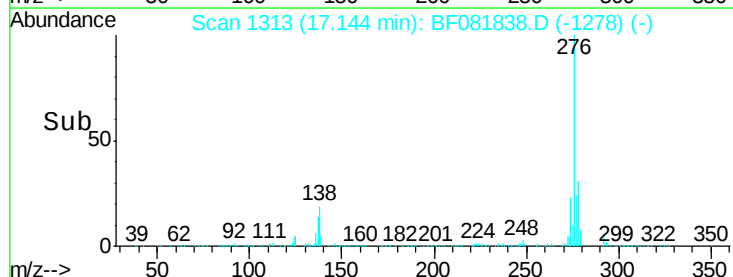
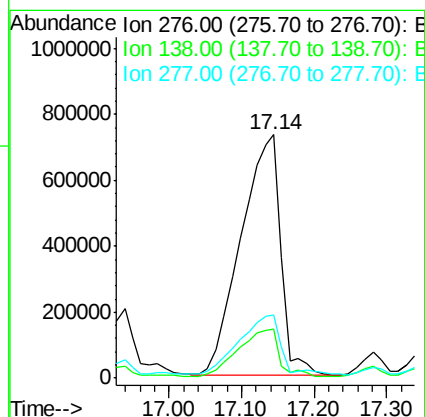
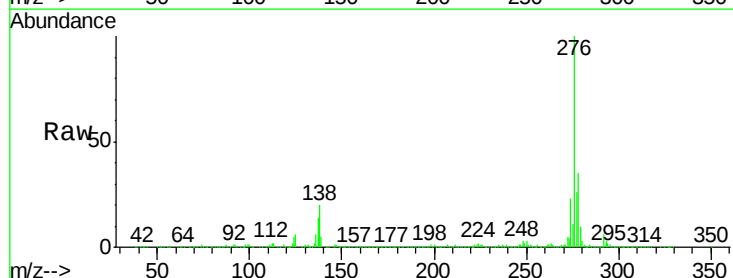
Tgt Ion:276 Resp: 2813082

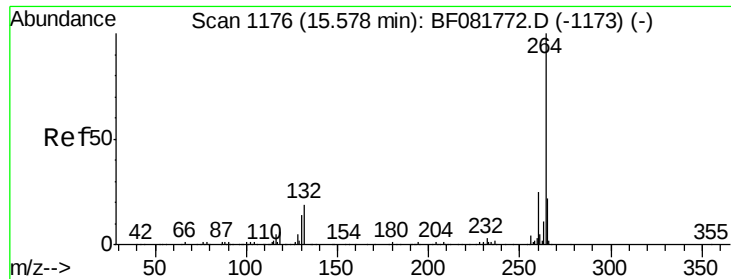
Ion Ratio Lower Upper

276 100

138 20.7 25.7 38.5#

277 24.1 15.6 23.4#

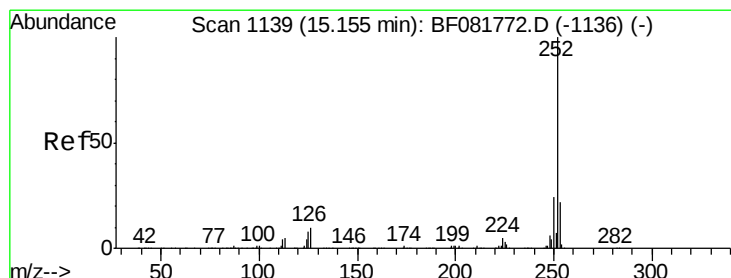
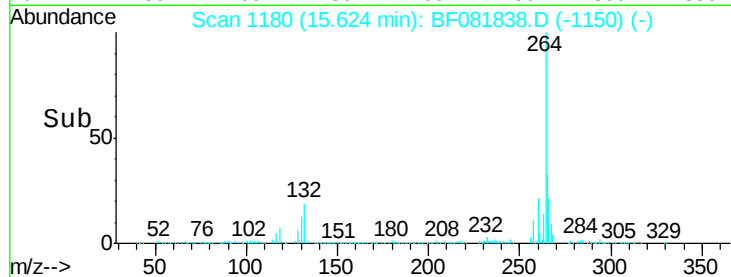
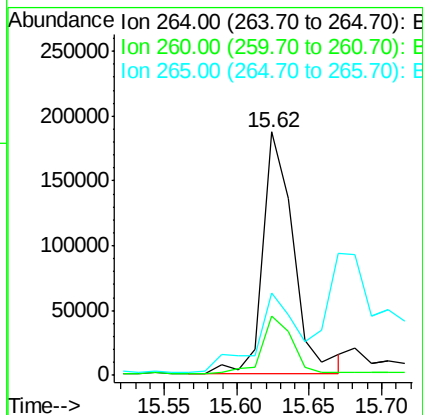
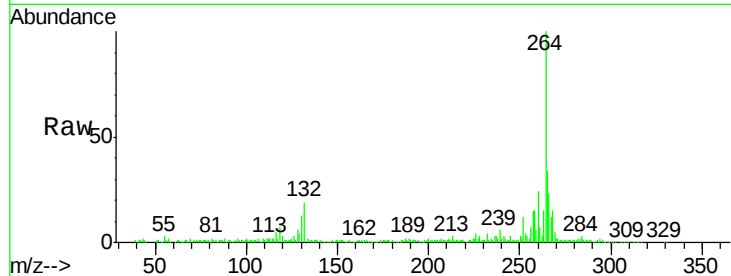




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.62 min Scan# 1180
Delta R.T. 0.05 min
Lab File: BF081838.D
Acq: 26 Sep 2015 20:27

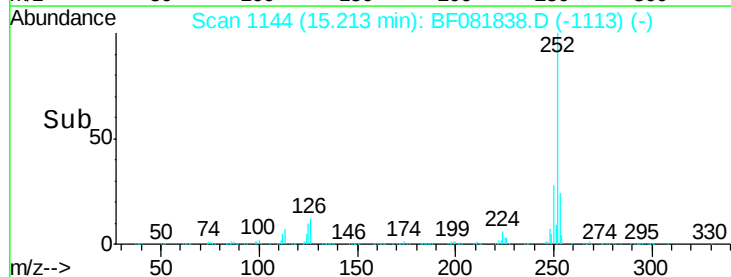
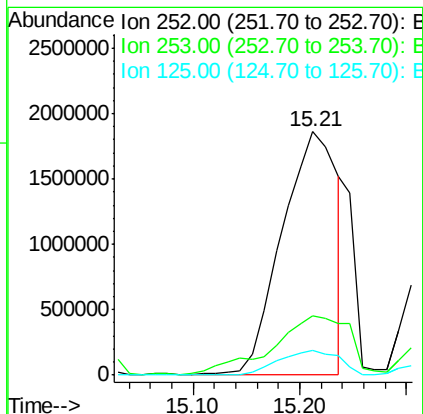
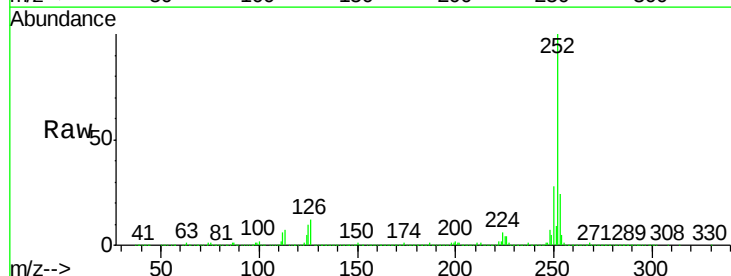
Instrument :
BNA_F
ClientSampleId :
S2-20

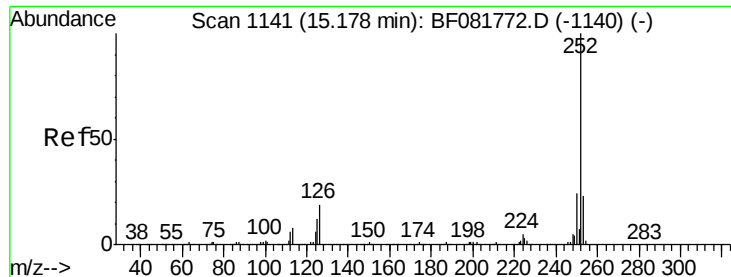
Tgt Ion:264 Resp: 275229
Ion Ratio Lower Upper
264 100
260 24.1 16.7 25.1
265 33.9 17.2 25.8#



#87
Benzo(b)fluoranthene
Concen: 407.83 ng m
RT: 15.21 min Scan# 1144
Delta R.T. 0.06 min
Lab File: BF081838.D
Acq: 26 Sep 2015 20:27

Tgt Ion:252 Resp: 6656300
Ion Ratio Lower Upper
252 100
253 24.5 17.5 26.3
125 10.0 17.1 25.7#





#88

Benzo(k)fluoranthene

Concen: 67.05 ng m

RT: 15.24 min Scan# 1146

Delta R.T. 0.06 min

Lab File: BF081838.D

Acq: 26 Sep 2015 20:27

Instrument :

BNA_F

ClientSampled :

S2-20

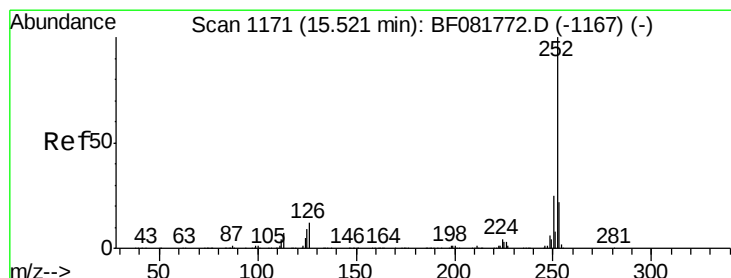
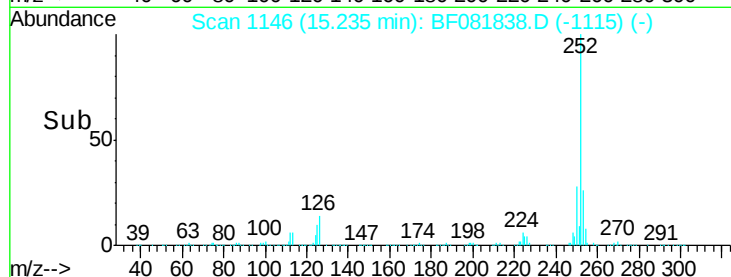
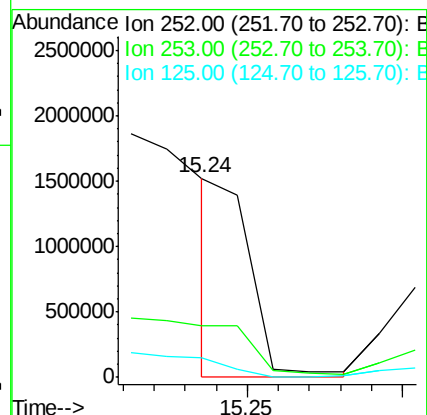
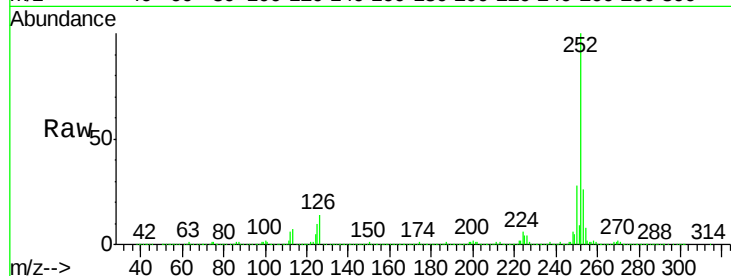
Tgt Ion:252 Resp: 1054179

Ion Ratio Lower Upper

252 100

253 25.7 17.0 25.4#

125 10.1 16.0 24.0#



#89

Benzo(a)pyrene

Concen: 240.06 ng

RT: 15.59 min Scan# 1177

Delta R.T. 0.07 min

Lab File: BF081838.D

Acq: 26 Sep 2015 20:27

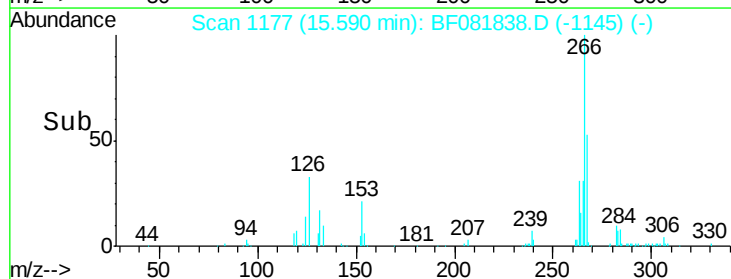
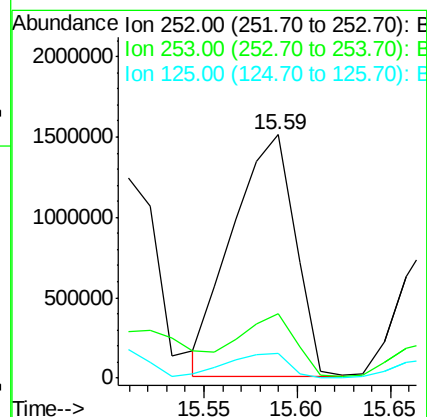
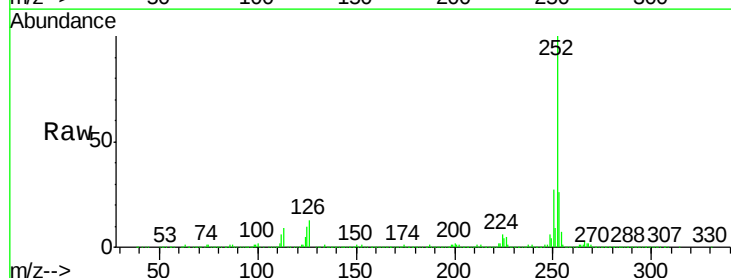
Tgt Ion:252 Resp: 3537584

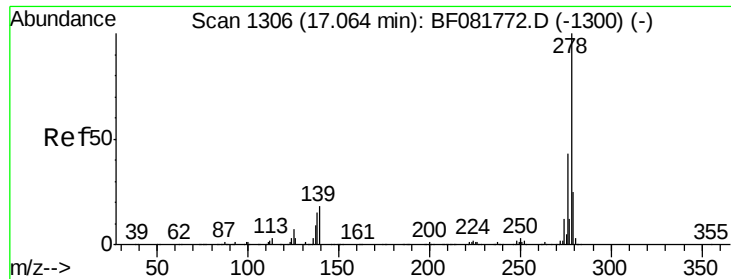
Ion Ratio Lower Upper

252 100

253 26.3 17.2 25.8#

125 10.1 18.0 27.0#





#90

Dibenzo(a,h)anthracene

Concen: 49.21 ng

RT: 17.14 min Scan# 1313

Delta R.T. 0.08 min

Lab File: BF081838.D

Acq: 26 Sep 2015 20:27

Instrument :

BNA_F

ClientSampleId :

S2-20

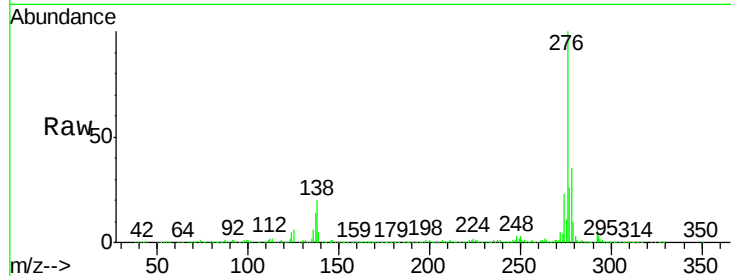
Tgt Ion:278 Resp: 755728

Ion Ratio Lower Upper

278 100

139 15.6 26.3 39.5#

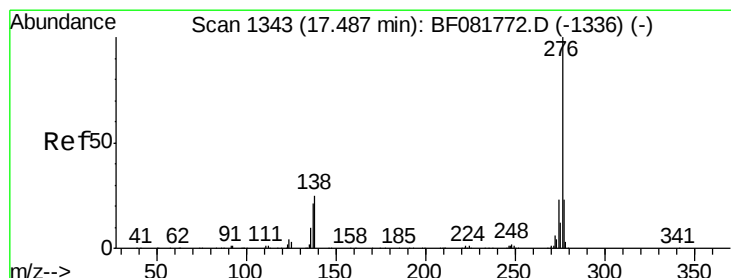
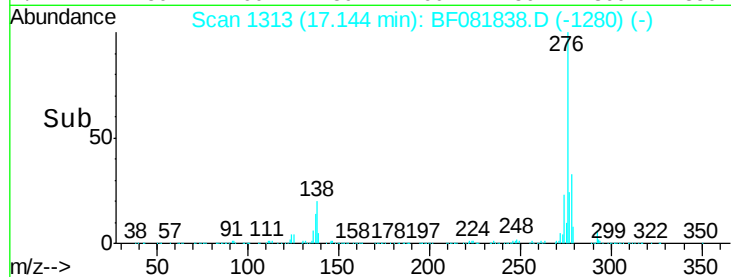
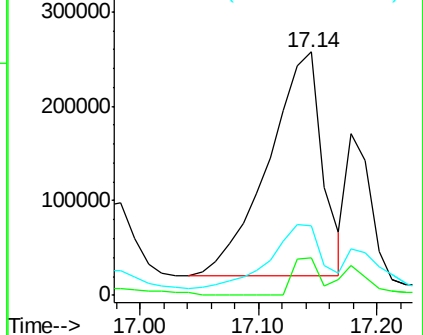
279 28.7 18.2 27.4#



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: 156.87 ng

RT: 17.59 min Scan# 1352

Delta R.T. 0.10 min

Lab File: BF081838.D

Acq: 26 Sep 2015 20:27

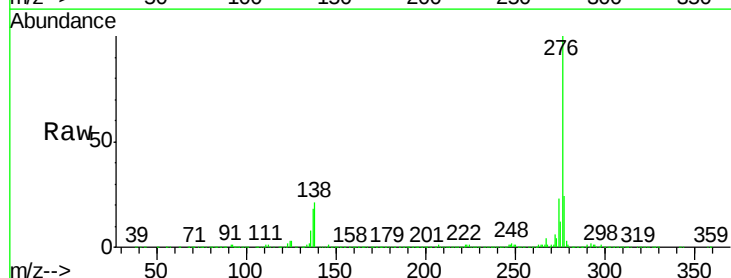
Tgt Ion:276 Resp: 2483669

Ion Ratio Lower Upper

276 100

277 24.5 17.8 26.6

138 21.0 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

