

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082115\
 Data File : BF081157.D
 Acq On : 21 Aug 2015 21:19
 Operator : UM/IZ
 Sample : G3363-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 21 23:31:46 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 21 23:26:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	68081	20.00	ng	-0.01
21) Naphthalene-d8	7.84	136	294363	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	124112	20.00	ng	-0.01
63) Phenanthrene-d10	11.05	188	265226	20.00	ng	0.00
75) Chrysene-d12	13.67	240	181331	20.00	ng	0.00
86) Perylene-d12	15.01	264	153567	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	499645	110.39	ng	0.02
7) Phenol-d6	6.21	99	625807	105.97	ng	0.00
23) Nitrobenzene-d5	7.12	82	391201	60.71	ng	-0.01
41) 2,4,6-Tribromophenol	10.37	330	106411	98.91	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	517596	54.64	ng	-0.01
78) Terphenyl-d14	12.64	244	477396	56.44	ng	0.01

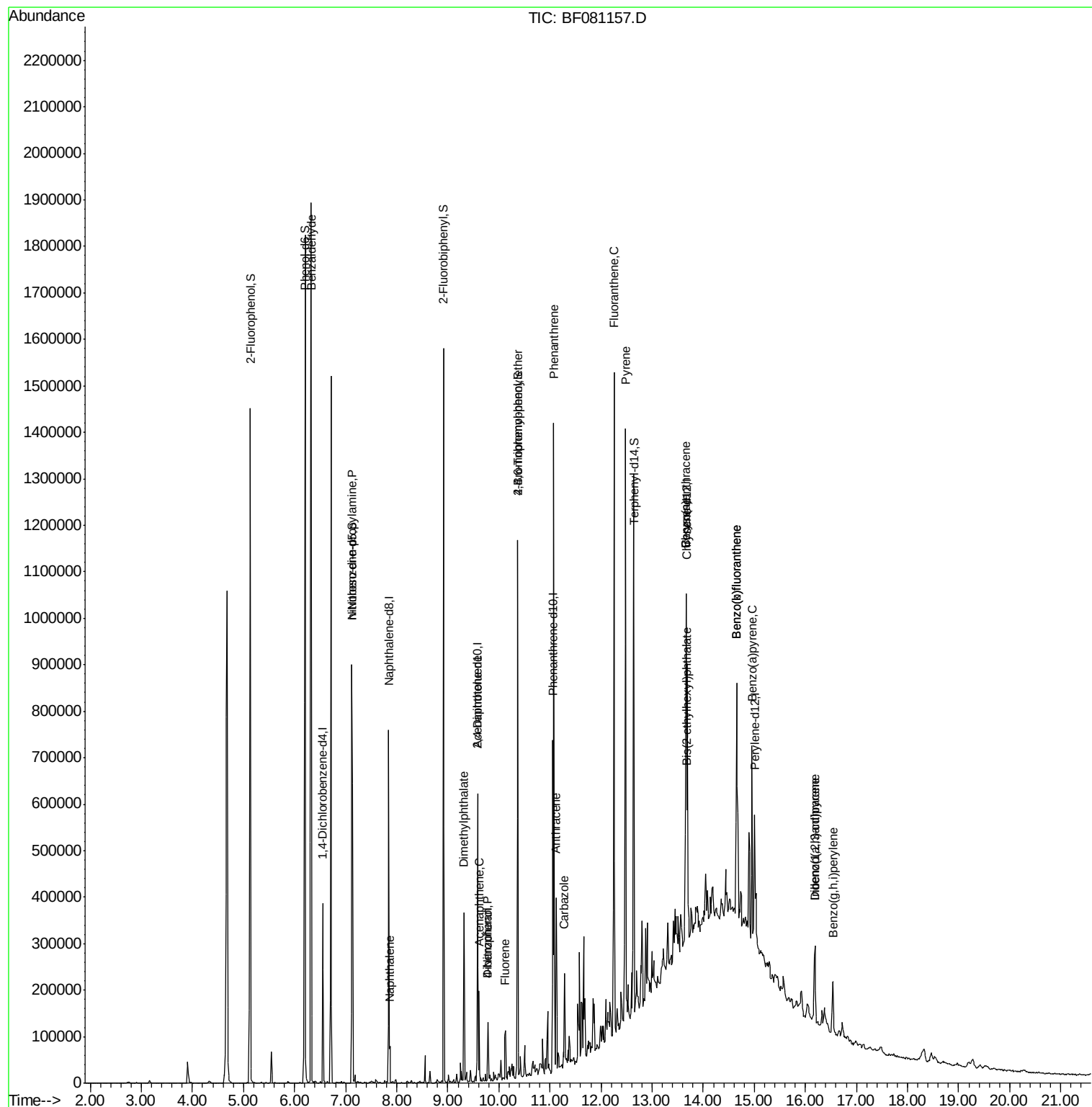
Target Compounds						Qvalue
9) Benzaldehyde	6.32	77	12064	3.17	ng	80
19) n-Nitroso-di-n-propylamine	7.12	70	51476	12.58	ng	# 72
31) Naphthalene	7.86	128	35357	2.15	ng	99
49) Dimethylphthalate	9.32	163	121546	11.89	ng	100
51) Acenaphthene	9.61	154	37479	3.98	ng	99
54) Dibenzofuran	9.78	168	41517	3.29	ng	99
55) 4-Nitrophenol	9.78	139	14942	7.75	ng	# 1
56) 2,4-Dinitrotoluene	9.58	165	16489	5.67	ng	# 18
57) Fluorene	10.13	166	39323	4.06	ng	98
66) 4-Bromophenyl-phenylether	10.37	248	8900	3.42	ng	# 1
70) Phenanthrene	11.08	178	480130	30.55	ng	100
71) Anthracene	11.12	178	147331	9.63	ng	98
72) Carbazole	11.28	167	72409	4.92	ng	99
74) Fluoranthene	12.25	202	609628	35.94	ng	92
77) Pyrene	12.48	202	603289	40.93	ng	100
80) Benzo(a)anthracene	13.66	228	296355	24.37	ng	99
82) Chrysene	13.66	228	296355	27.04	ng	96
83) Bis(2-ethylhexyl)phthalate	13.68	149	18640	2.30	ng	97
85) Indeno(1,2,3-cd)pyrene	16.19	276	102620	13.34	ng	95
87) Benzo(b)fluoranthene	14.65	252	316745	29.16	ng	# 95
88) Benzo(k)fluoranthene	14.65	252	316745	31.29	ng	99
89) Benzo(a)pyrene	14.95	252	169185	17.88	ng	# 94
90) Dibenzo(a,h)anthracene	16.19	278	34485	4.68	ng	# 84
91) Benzo(g,h,i)perylene	16.54	276	85683	11.45	ng	# 92

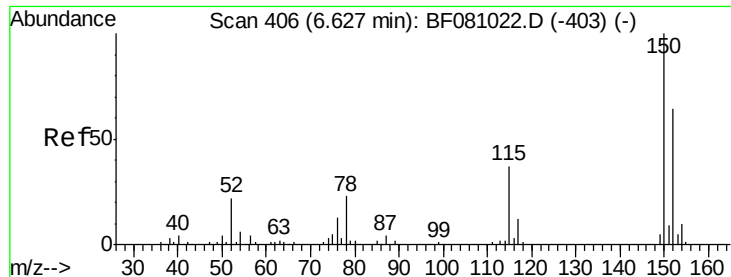
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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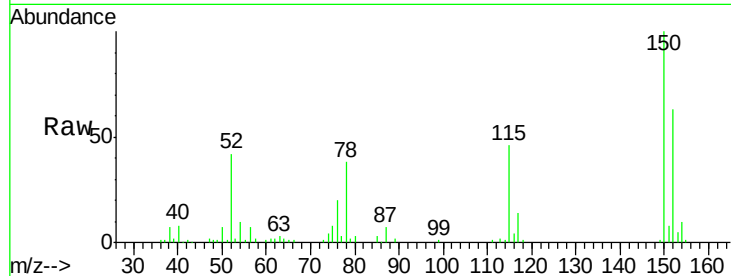


#1

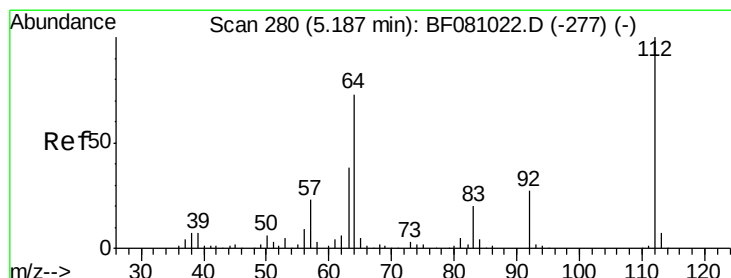
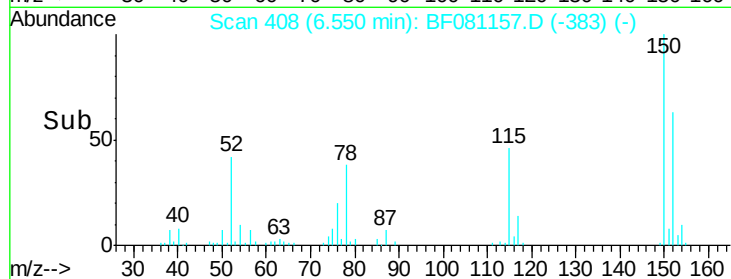
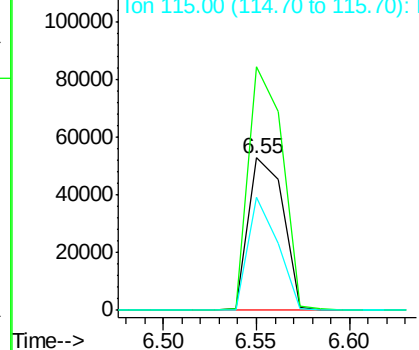
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.55 min Scan# 408
Delta R.T. -0.01 min
Lab File: BF081157.D
Acq: 21 Aug 2015 21:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 68081
Ion Ratio Lower Upper
152 100
150 159.9 123.8 185.6
115 74.3 52.1 78.1



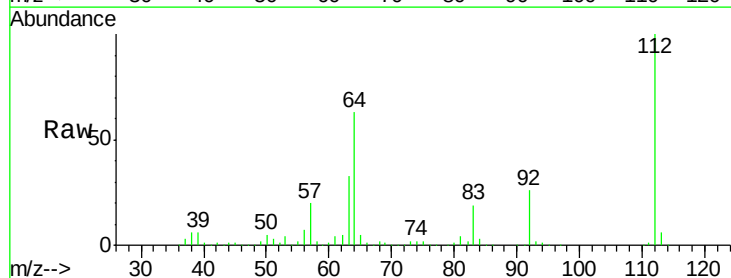
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



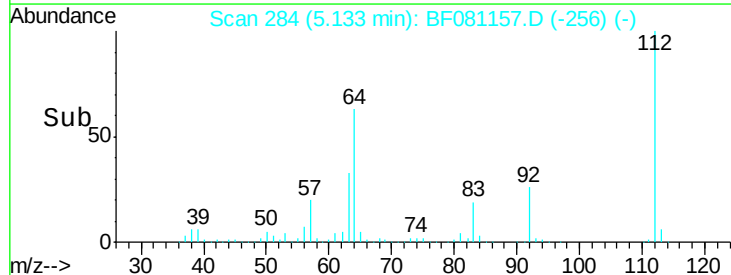
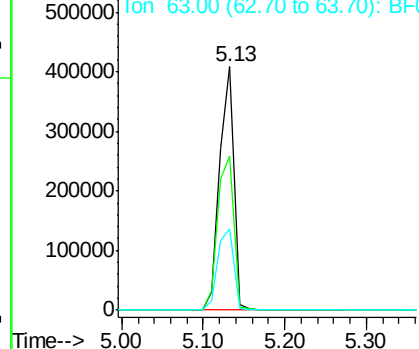
#5

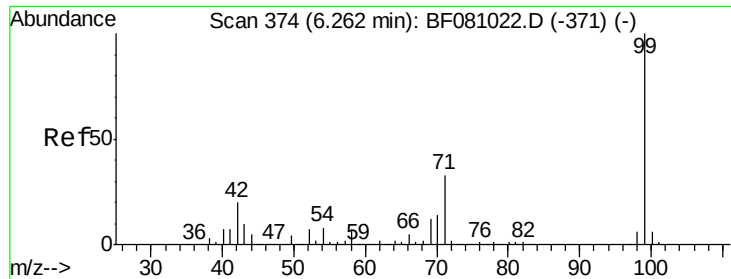
2-Fluorophenol
Concen: 110.39 ng
RT: 5.13 min Scan# 284
Delta R.T. 0.02 min
Lab File: BF081157.D
Acq: 21 Aug 2015 21:19

Tgt Ion:112 Resp: 499645
Ion Ratio Lower Upper
112 100
64 63.3 66.9 100.3#
63 33.5 38.1 57.1#



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: 105.97 ng

RT: 6.21 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF081157.D

Acq: 21 Aug 2015 21:19

Instrument :

BNA_F

ClientSampled :

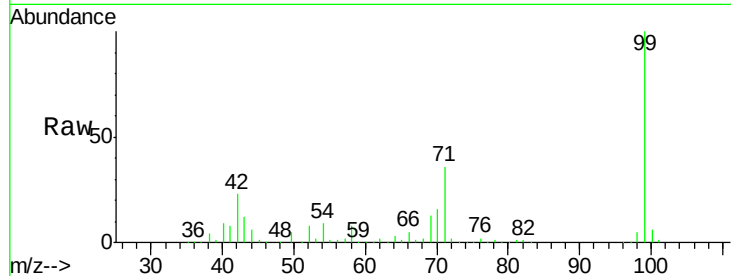
Tot Ion: 99 Resp: 625807

Ion Ratio Lower Upper

99 100

42 22.9 19.6 29.4

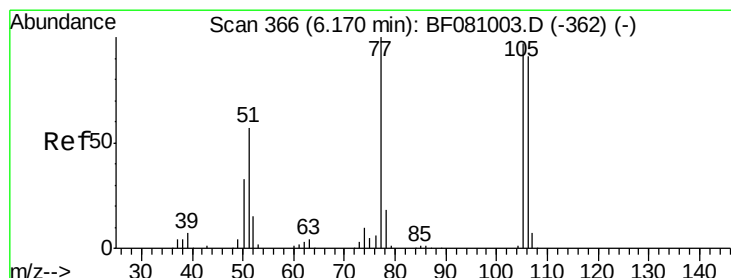
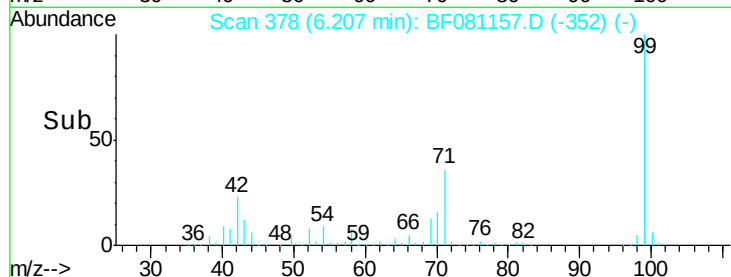
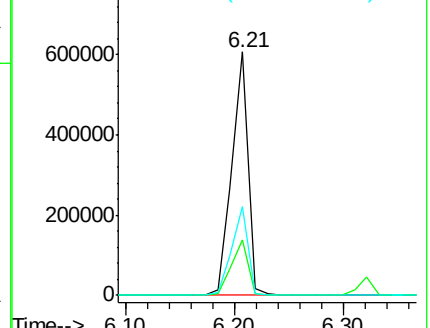
71 36.2 31.2 46.8



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



#9

Benzaldehyde

Concen: 3.17 ng

RT: 6.32 min Scan# 388

Delta R.T. 0.23 min

Lab File: BF081157.D

Acq: 21 Aug 2015 21:19

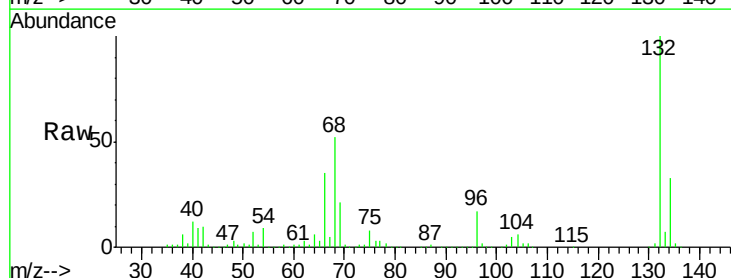
Tgt Ion: 77 Resp: 12064

Ion Ratio Lower Upper

77 100

105 71.7 69.6 109.6

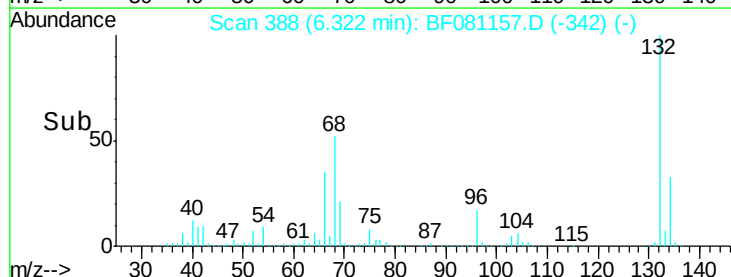
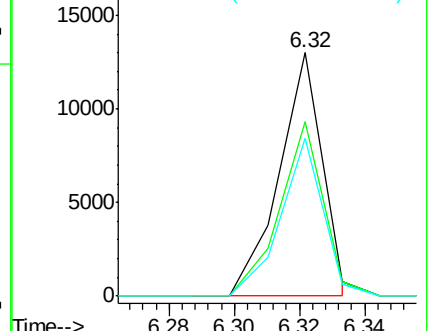
106 65.0 64.0 104.0

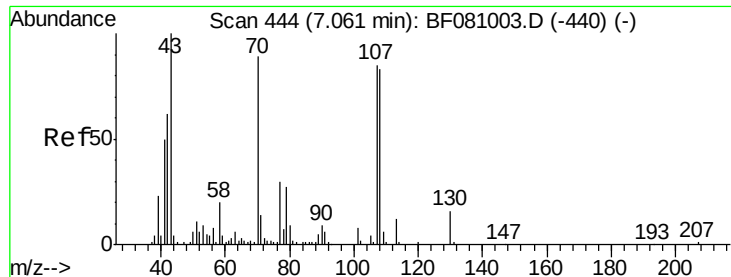


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

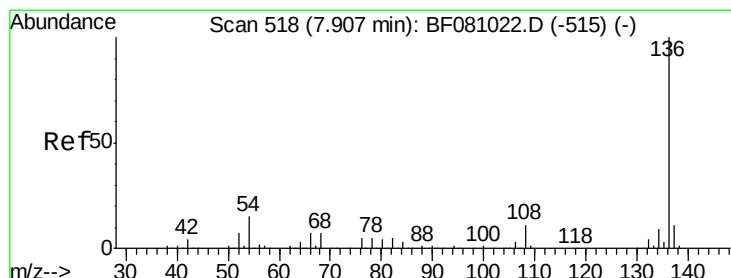
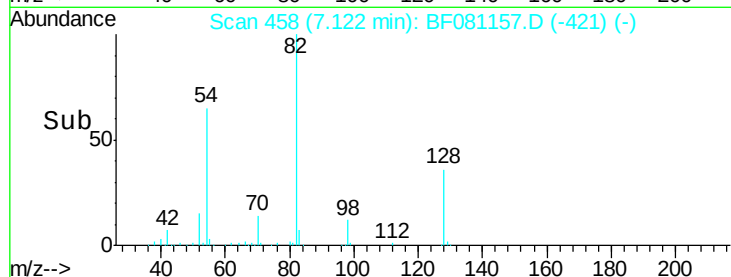
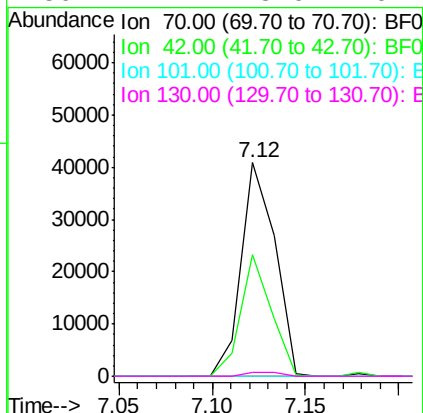
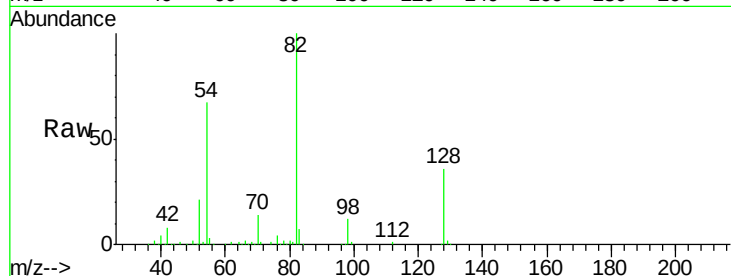




#19
n-Nitroso-di-n-propylamine
Concen: 12.58 ng
RT: 7.12 min Scan# 458
Delta R.T. 0.13 min
Lab File: BF081157.D
Acq: 21 Aug 2015 21:19

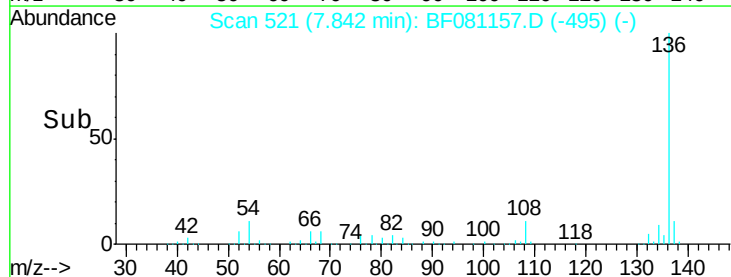
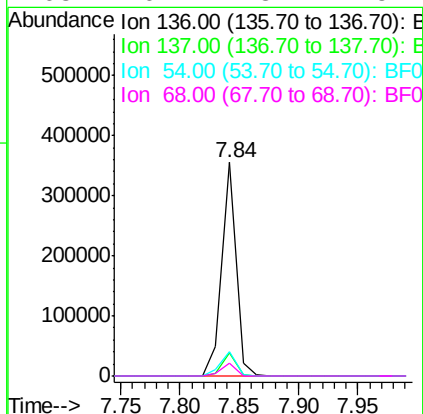
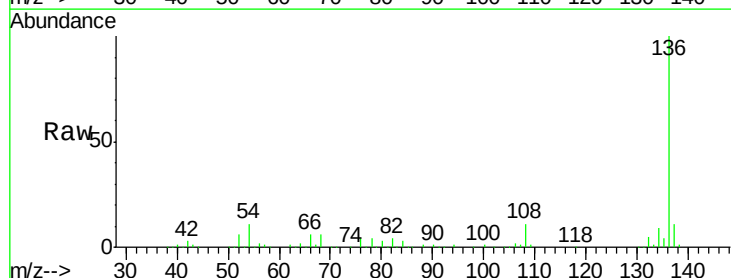
Instrument :
BNA_F
ClientSampleId :

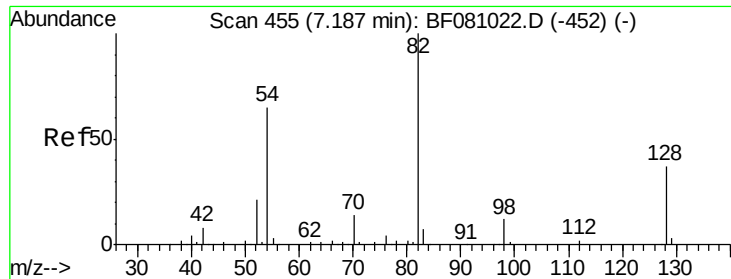
Tot Ion: 70 Resp: 51476
Ion Ratio Lower Upper
70 100
42 57.0 65.0 97.4#
101 0.0 7.4 11.2#
130 1.7 13.0 19.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 521
Delta R.T. -0.00 min
Lab File: BF081157.D
Acq: 21 Aug 2015 21:19

Tgt Ion:136 Resp: 294363
Ion Ratio Lower Upper
136 100
137 10.8 8.2 12.2
54 11.2 7.7 11.5
68 6.1 3.4 5.2#

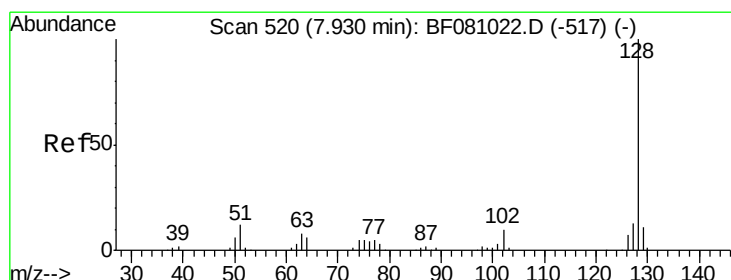
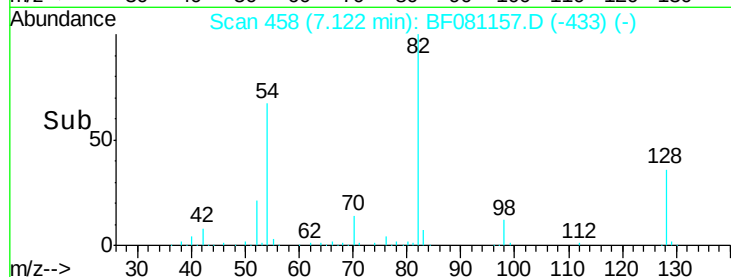
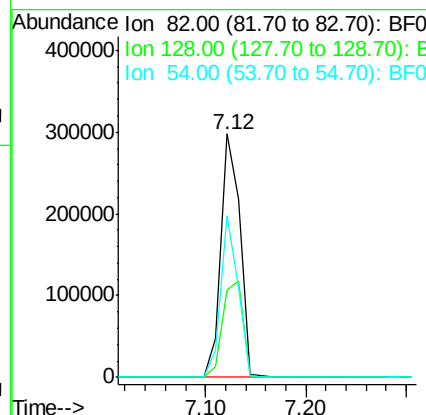
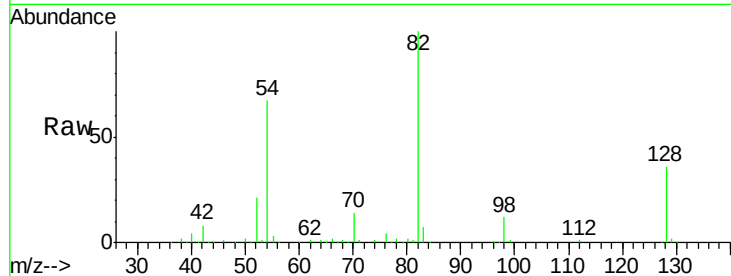




#23
 Nitrobenzene-d5
 Concen: 60.71 ng
 RT: 7.12 min Scan# 458
 Delta R.T. -0.01 min
 Lab File: BF081157.D
 Acq: 21 Aug 2015 21:19

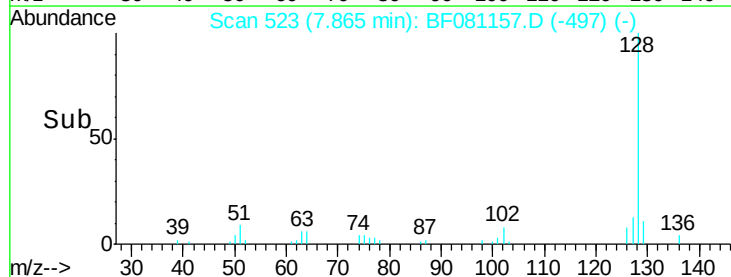
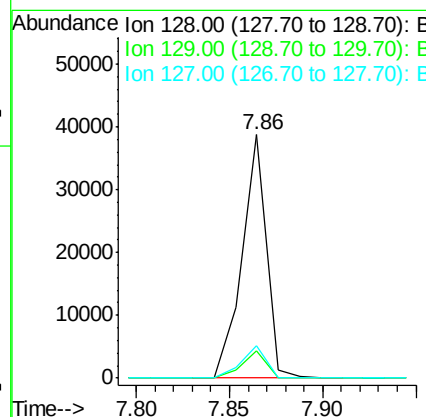
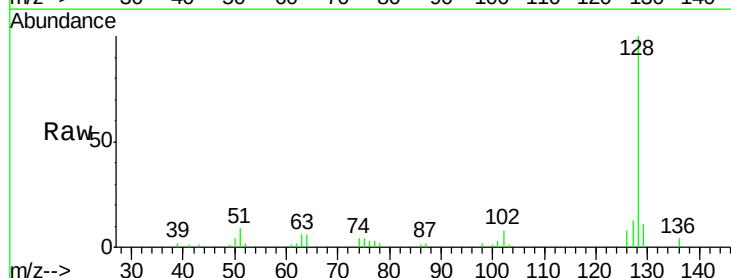
Instrument :
 BNA_F
 ClientSampleId :

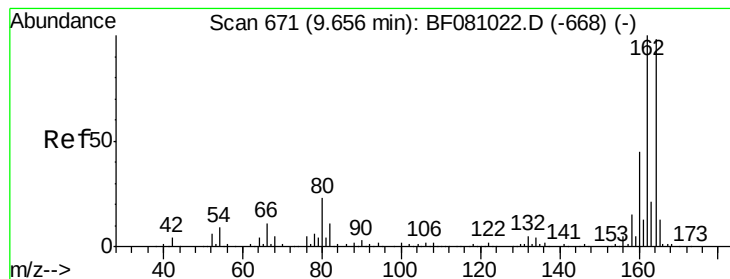
Tot Ion	82	Resp	391201
Ion Ratio	Lower	Upper	
82	100		
128	35.7	28.6	42.8
54	66.5	55.1	82.7



#31
 Naphthalene
 Concen: 2.15 ng
 RT: 7.86 min Scan# 523
 Delta R.T. -0.00 min
 Lab File: BF081157.D
 Acq: 21 Aug 2015 21:19

Tgt Ion	128	Resp	35357
Ion Ratio	Lower	Upper	
128	100		
129	11.2	8.4	12.6
127	13.2	10.6	16.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.58 min Scan# 673

Delta R.T. -0.01 min

Lab File: BF081157.D

Acq: 21 Aug 2015 21:19

Instrument :

BNA_F

ClientSampleId :

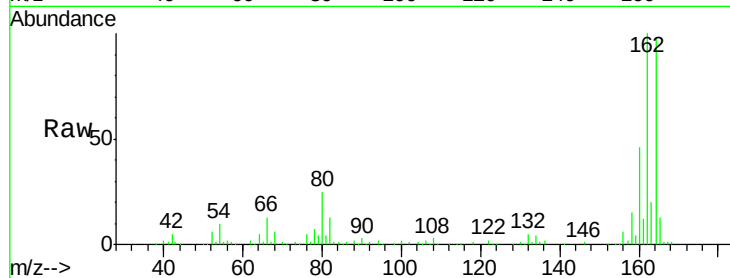
Tot Ion:164 Resp: 124112

Ion Ratio Lower Upper

164 100

162 101.9 83.8 125.8

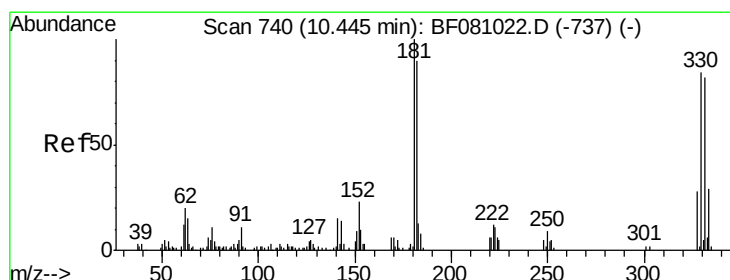
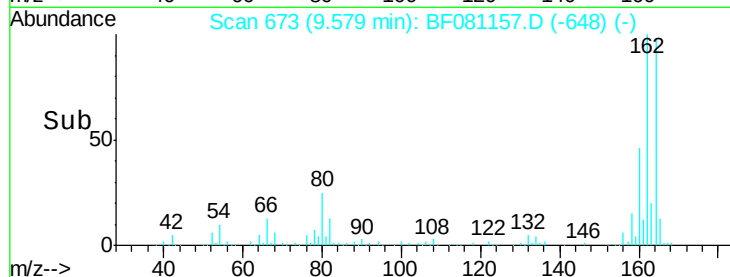
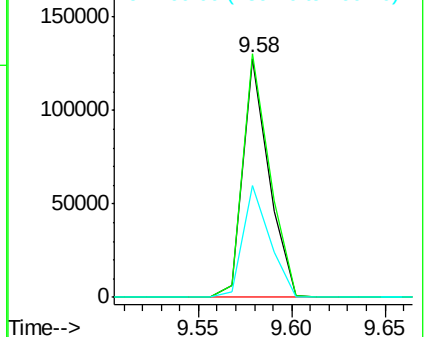
160 46.7 39.8 59.8



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: 98.91 ng

RT: 10.37 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF081157.D

Acq: 21 Aug 2015 21:19

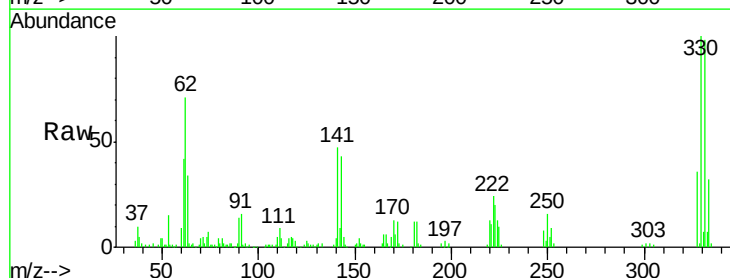
Tgt Ion:330 Resp: 106411

Ion Ratio Lower Upper

330 100

332 97.4 77.3 115.9

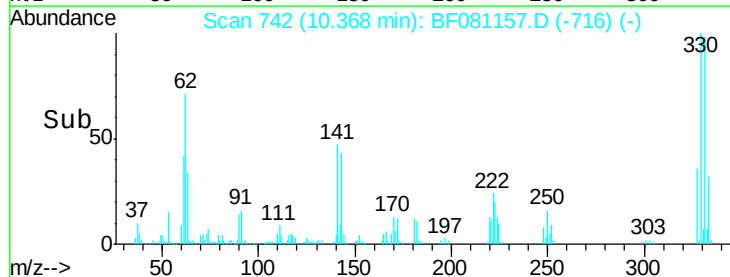
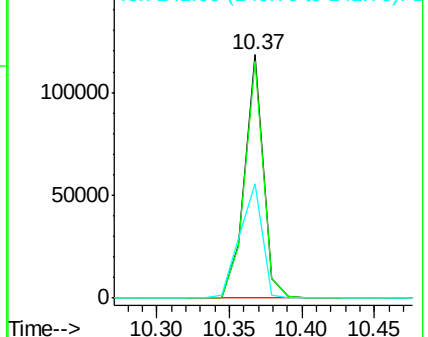
141 57.0 44.9 67.3

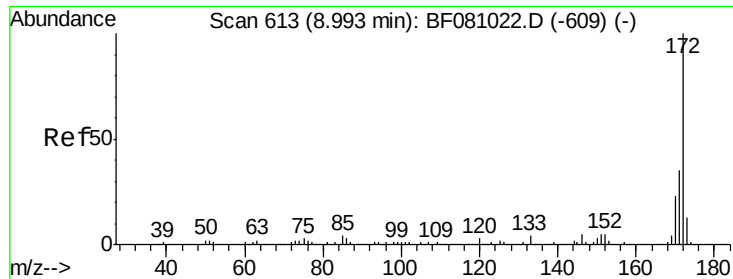


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

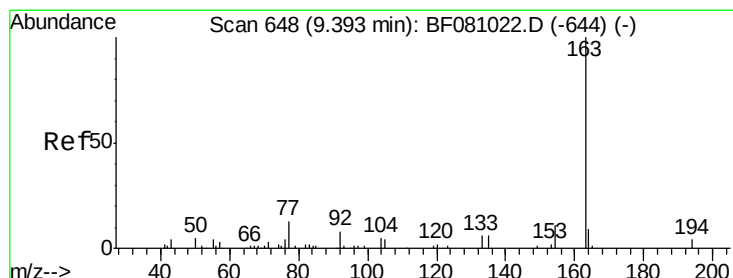
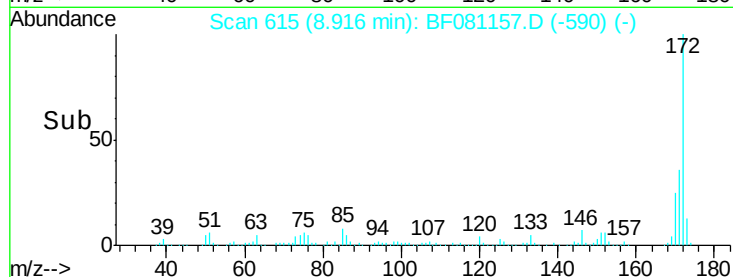
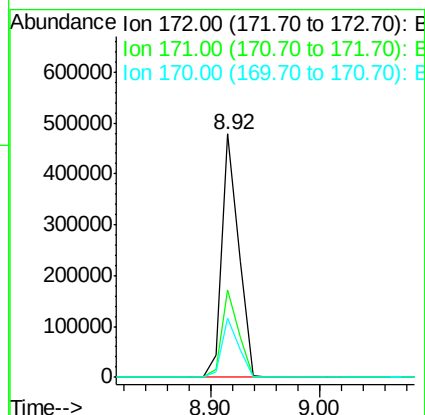
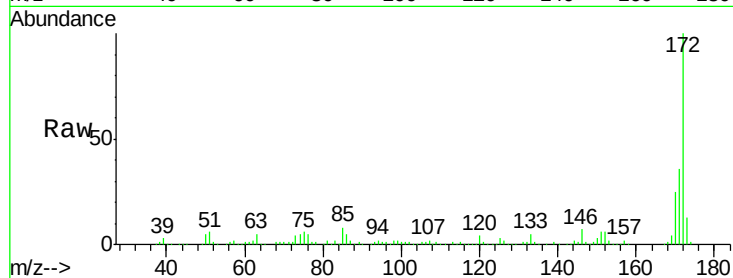




#44
2-Fluorobiphenyl
Concen: 54.64 ng
RT: 8.92 min Scan# 615
Delta R.T. -0.01 min
Lab File: BF081157.D
Acq: 21 Aug 2015 21:19

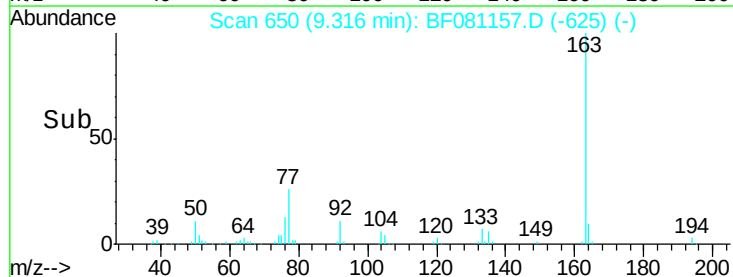
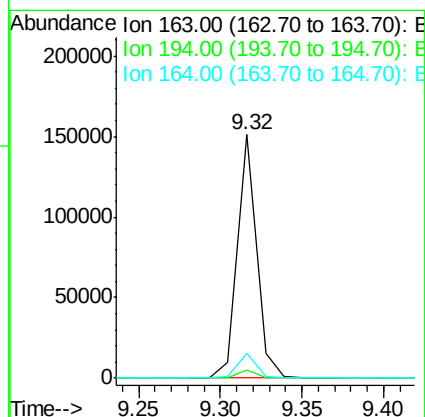
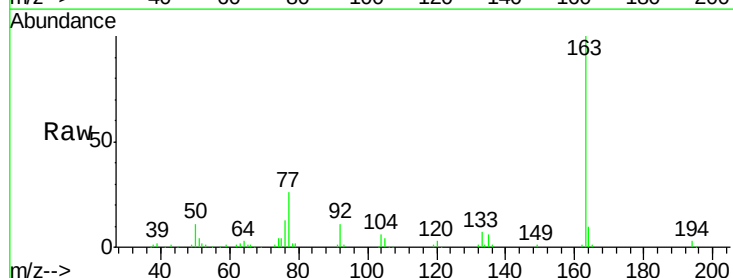
Instrument :
BNA_F
ClientSampleId :

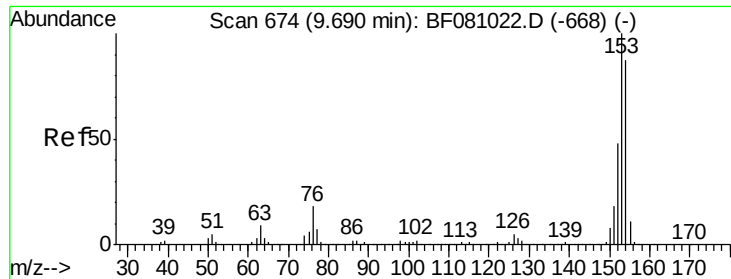
Tot Ion:172 Resp: 517596
Ion Ratio Lower Upper
172 100
171 35.7 28.9 43.3
170 24.6 19.4 29.2



#49
Dimethylphthalate
Concen: 11.89 ng
RT: 9.32 min Scan# 650
Delta R.T. -0.01 min
Lab File: BF081157.D
Acq: 21 Aug 2015 21:19

Tgt Ion:163 Resp: 121546
Ion Ratio Lower Upper
163 100
194 3.1 2.5 3.7
164 10.1 8.1 12.1





#51

Acenaphthene

Concen: 3.98 ng

RT: 9.61 min Scan# 676

Delta R.T. -0.01 min

Lab File: BF081157.D

Acq: 21 Aug 2015 21:19

Instrument :

BNA_F

ClientSampleId :

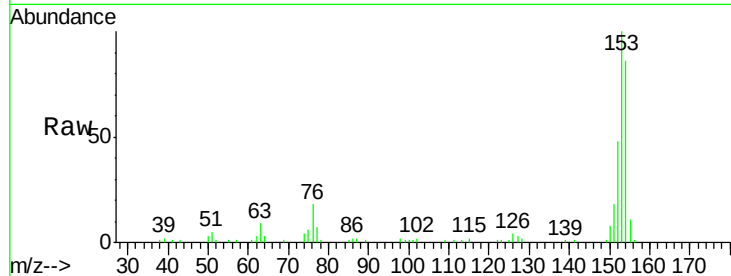
Tot Ion:154 Resp: 37479

Ion Ratio Lower Upper

154 100

153 115.7 91.4 137.2

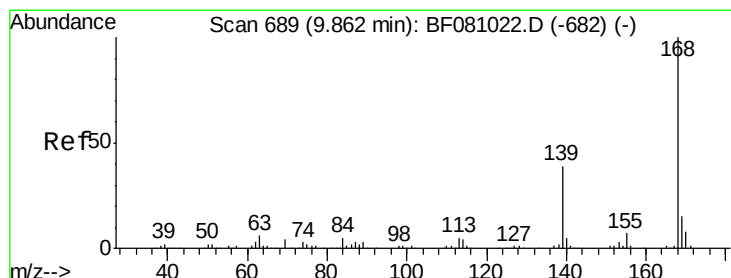
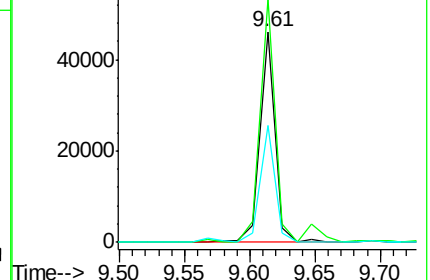
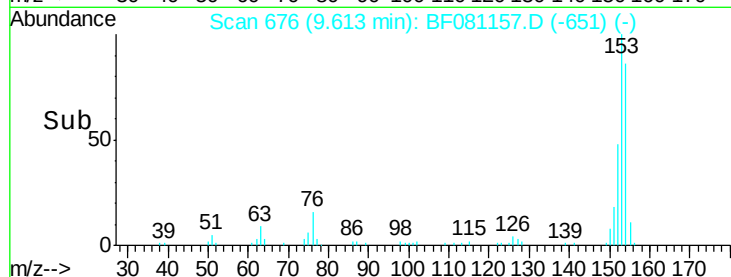
152 55.7 43.7 65.5



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: 3.29 ng

RT: 9.78 min Scan# 691

Delta R.T. -0.00 min

Lab File: BF081157.D

Acq: 21 Aug 2015 21:19

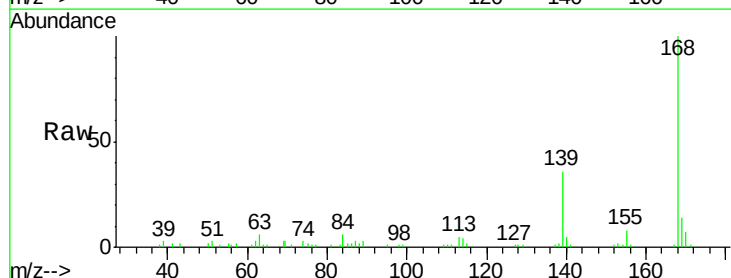
Tgt Ion:168 Resp: 41517

Ion Ratio Lower Upper

168 100

139 36.2 29.3 43.9

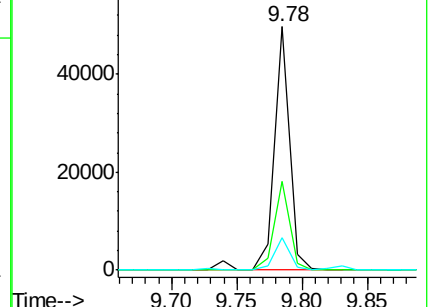
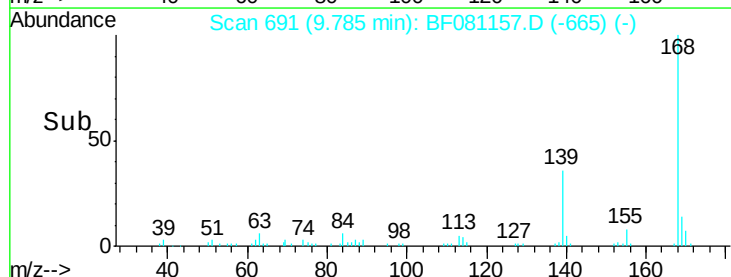
169 13.6 10.3 15.5

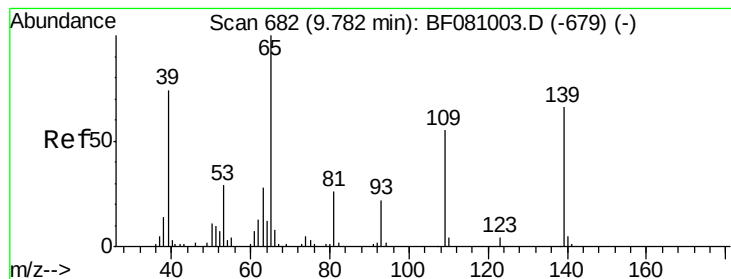


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 7.75 na

RT: 9.78 min Scan# 691

Delta R.T. 0.07 min

Lab File: BF081157.D

Acq: 21 Aug 2015 21:19

Instrument :

BNA_F

ClientSampleId :

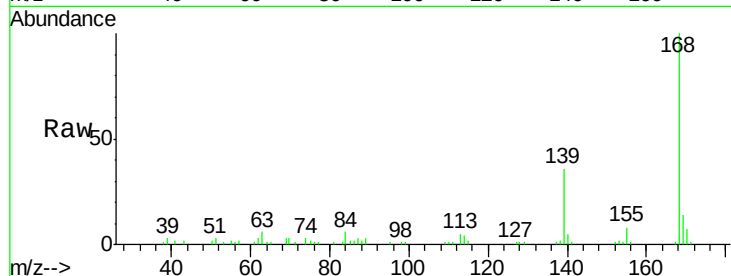
Tot Ion:139 Resp: 14942

Ion Ratio Lower Upper

139 100

109 2.1 80.0 120.0#

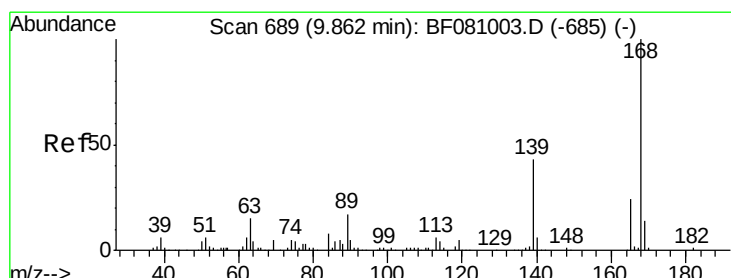
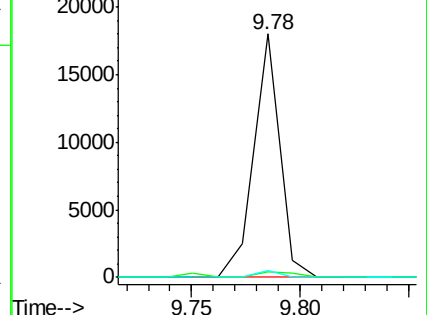
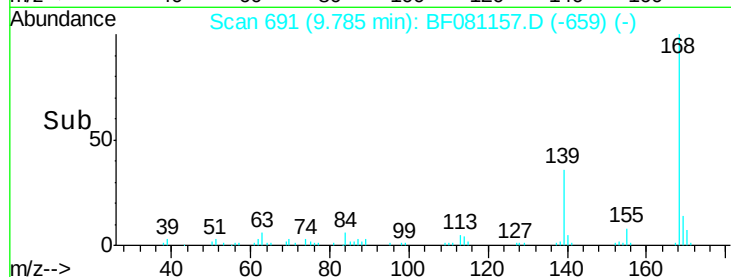
65 2.9 138.3 178.3#



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



#56

2,4-Dinitrotoluene

Concen: 5.67 ng

RT: 9.58 min Scan# 673

Delta R.T. -0.21 min

Lab File: BF081157.D

Acq: 21 Aug 2015 21:19

Tgt Ion:165 Resp: 16489

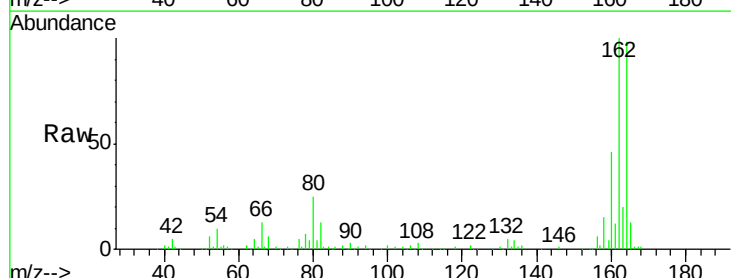
Ion Ratio Lower Upper

165 100

63 2.2 52.2 78.4#

89 1.9 60.1 90.1#

182 0.0 1.8 2.6#

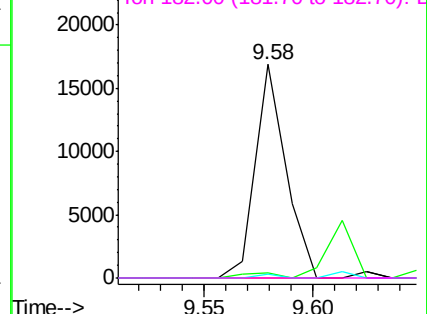
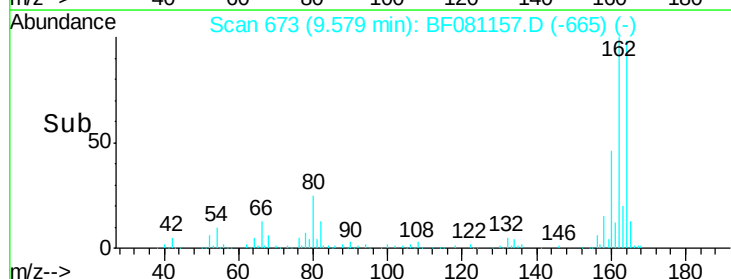


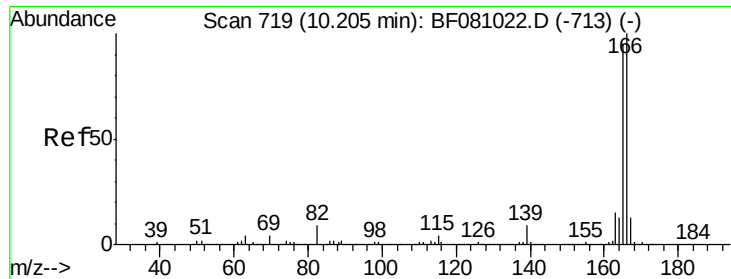
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

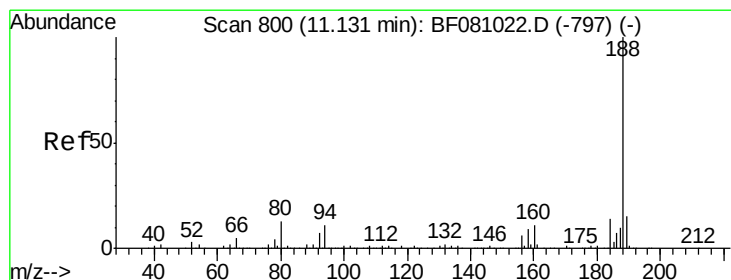
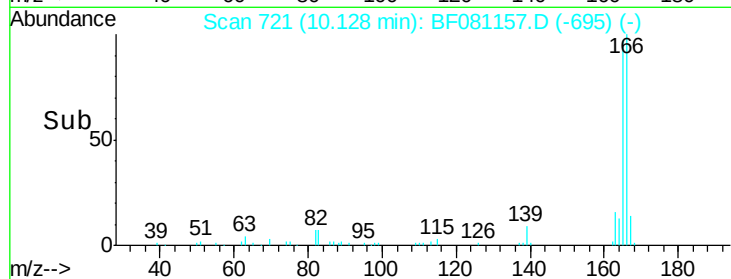
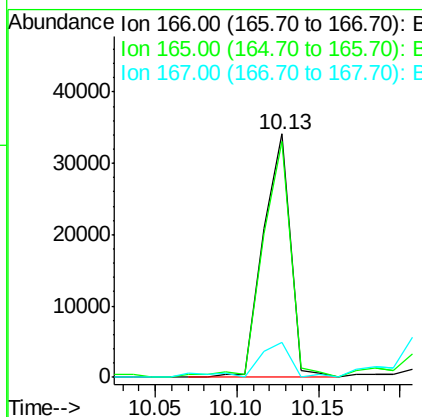
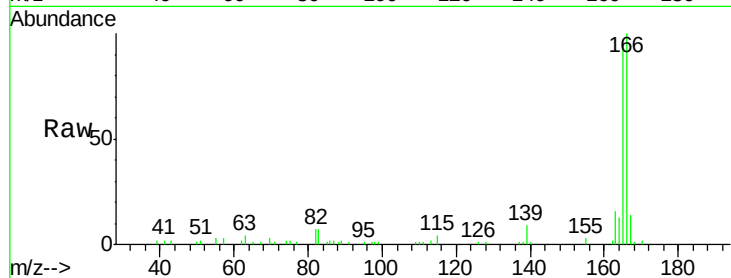




#57
 Fluorene
 Concen: 4.06 ng
 RT: 10.13 min Scan# 721
 Delta R.T. -0.00 min
 Lab File: BF081157.D
 Acq: 21 Aug 2015 21:19

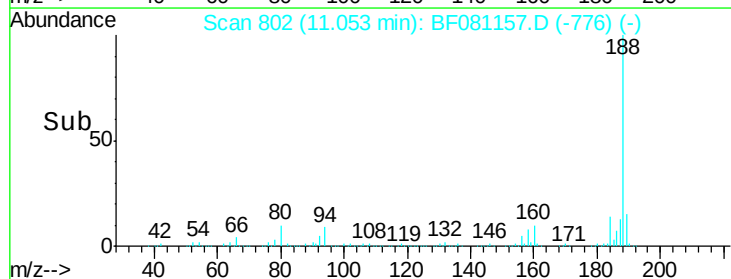
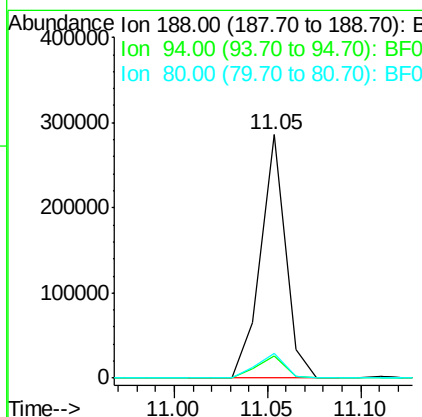
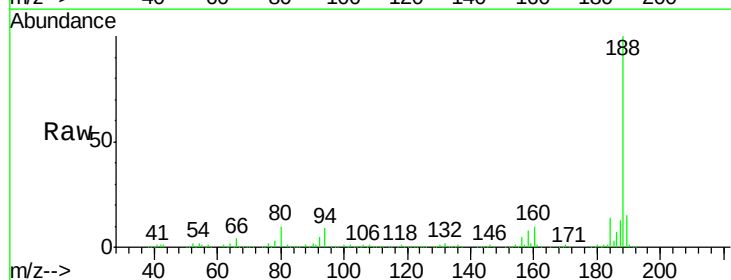
Instrument :
 BNA_F
 ClientSampleId :

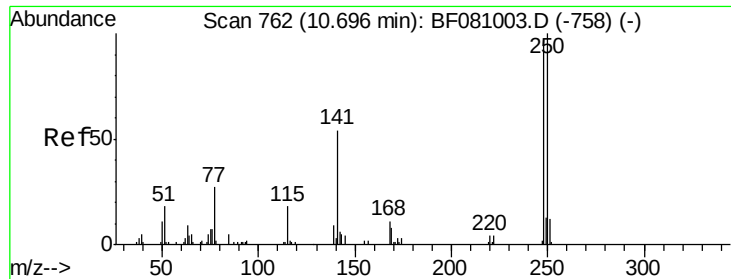
Tot Ion:166 Resp: 39323
 Ion Ratio Lower Upper
 166 100
 165 96.7 75.8 113.8
 167 14.1 11.3 16.9



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.05 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF081157.D
 Acq: 21 Aug 2015 21:19

Tgt Ion:188 Resp: 265226
 Ion Ratio Lower Upper
 188 100
 94 9.1 8.2 12.2
 80 10.1 9.5 14.3

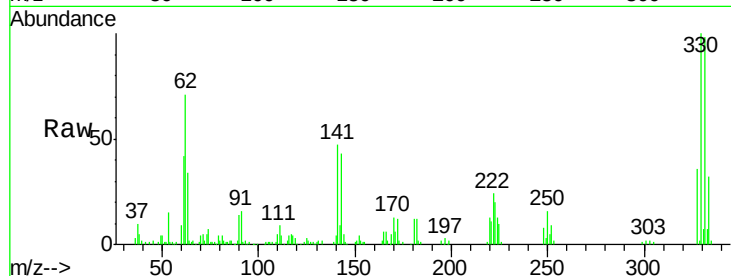




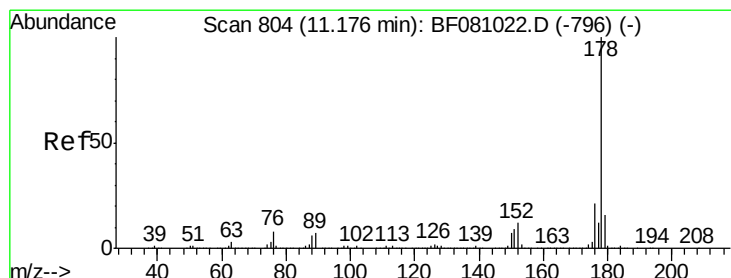
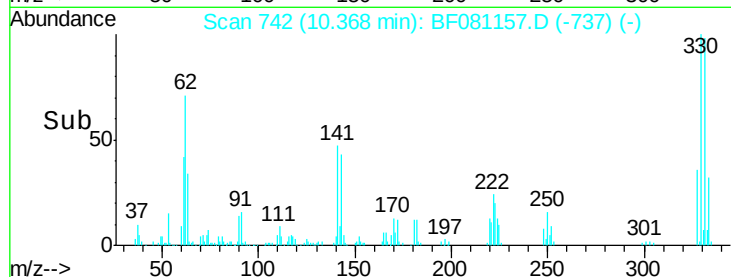
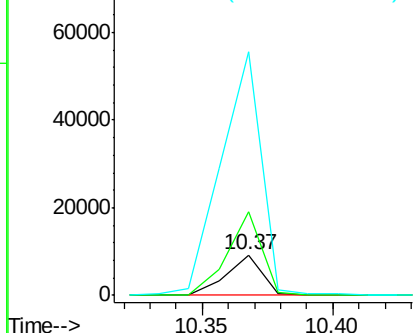
#66
4-Bromophenyl-phenylether
Concen: 3.42 ng
RT: 10.37 min Scan# 742
Delta R.T. -0.24 min
Lab File: BF081157.D
Acq: 21 Aug 2015 21:19

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 8900
Ion Ratio Lower Upper
248 100
250 206.7 77.8 116.6#
141 599.7 39.8 59.6#

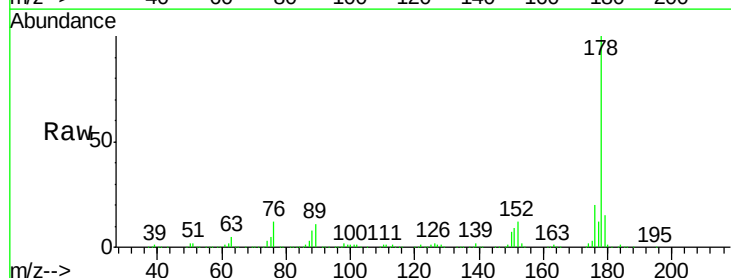


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

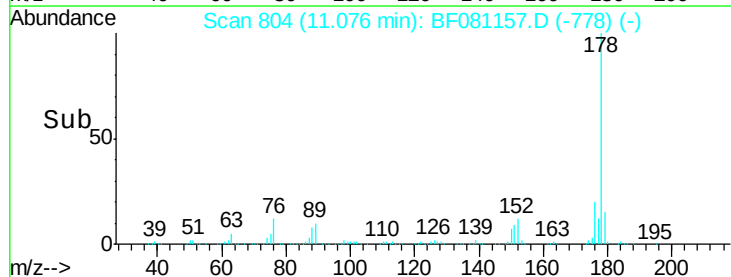
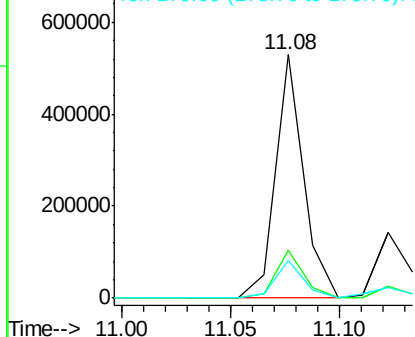


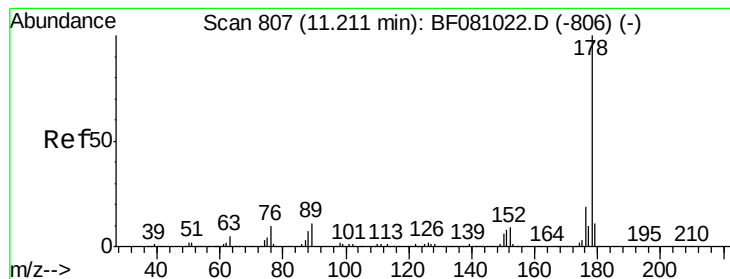
#70
Phenanthrene
Concen: 30.55 ng
RT: 11.08 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF081157.D
Acq: 21 Aug 2015 21:19

Tgt Ion:178 Resp: 480130
Ion Ratio Lower Upper
178 100
176 19.8 15.7 23.5
179 15.4 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: 9.63 ng

RT: 11.12 min Scan# 808

Delta R.T. -0.01 min

Lab File: BF081157.D

Acq: 21 Aug 2015 21:19

Instrument :

BNA_F

ClientSampleId :

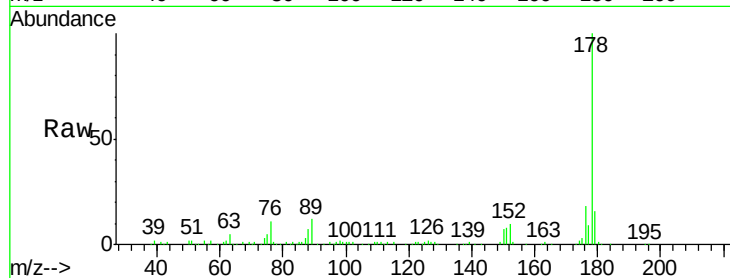
Tot Ion:178 Resp: 147331

Ion Ratio Lower Upper

178 100

176 17.9 15.7 23.5

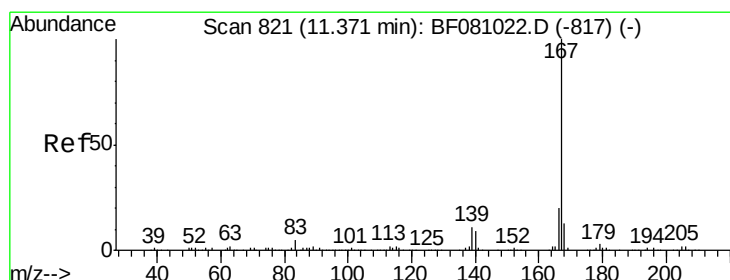
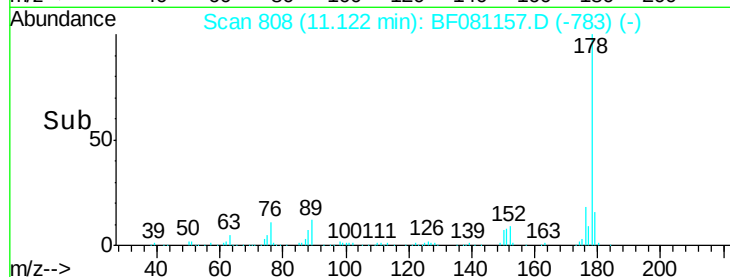
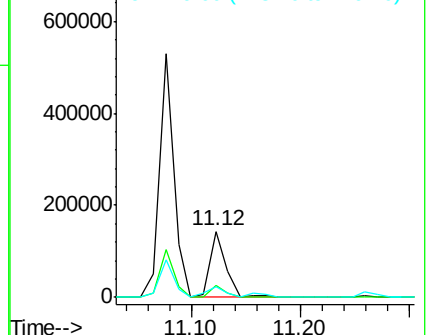
179 15.8 12.7 19.1



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: 4.92 ng

RT: 11.28 min Scan# 822

Delta R.T. -0.01 min

Lab File: BF081157.D

Acq: 21 Aug 2015 21:19

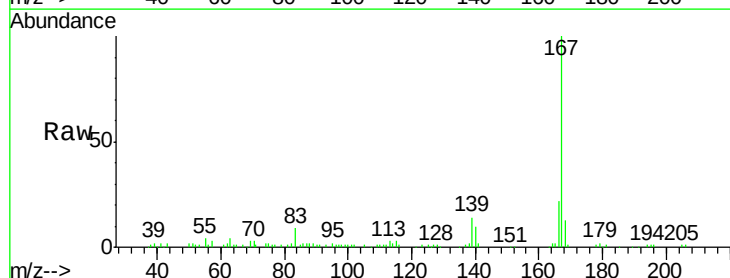
Tgt Ion:167 Resp: 72409

Ion Ratio Lower Upper

167 100

166 21.5 17.4 26.0

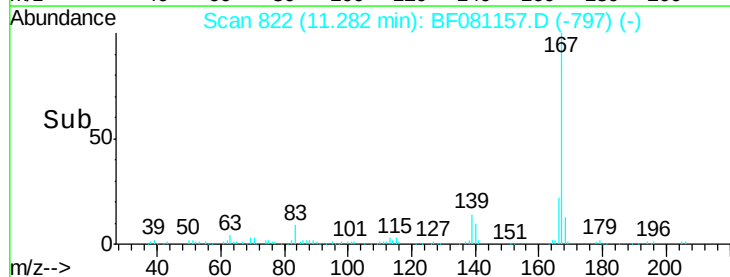
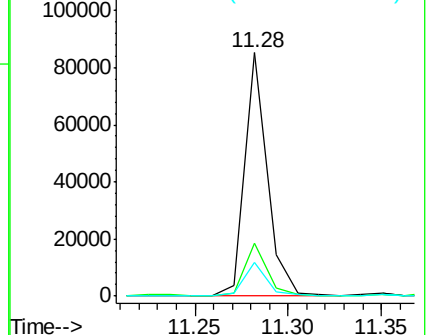
139 14.1 10.6 16.0

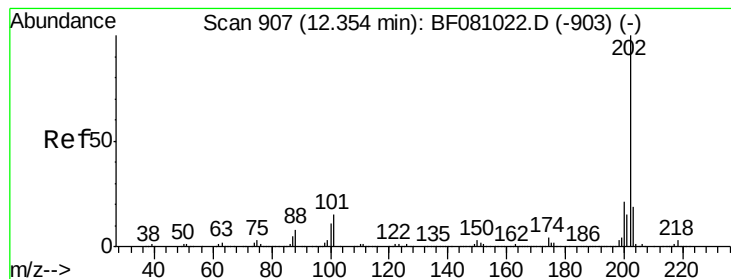


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

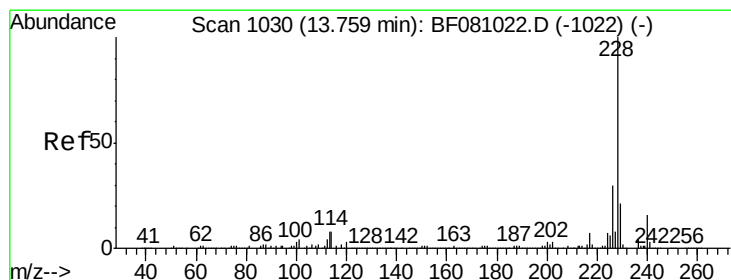
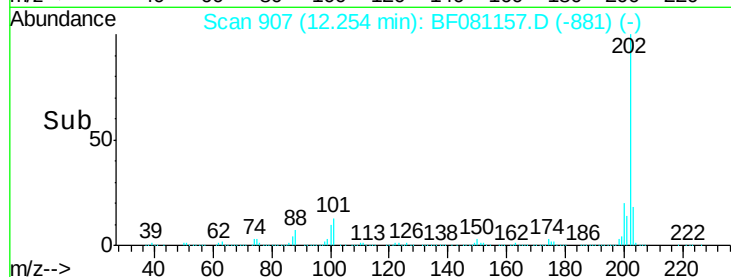
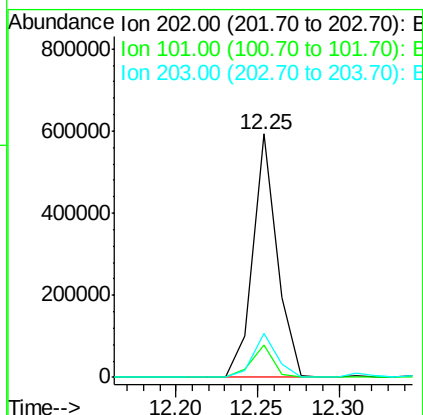
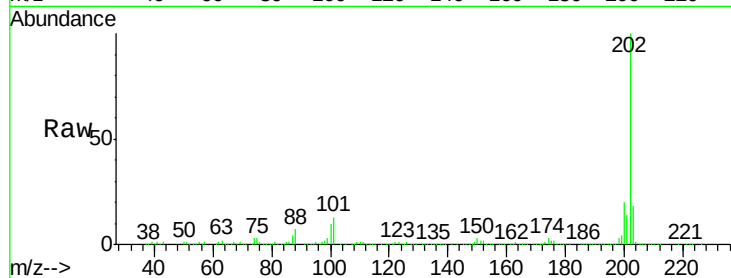




#74
 Fluoranthene
 Concen: 35.94 ng
 RT: 12.25 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: BF081157.D
 Acq: 21 Aug 2015 21:19

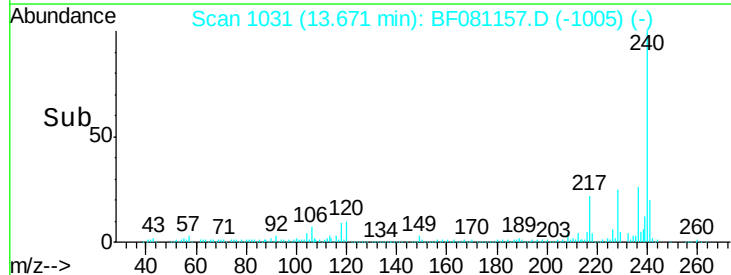
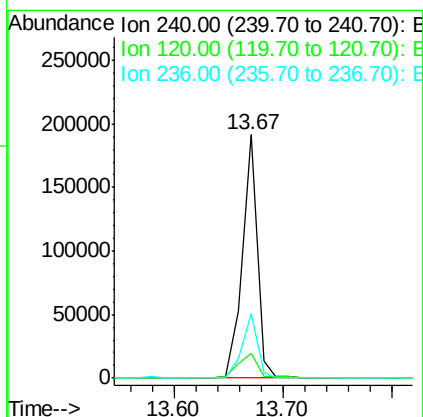
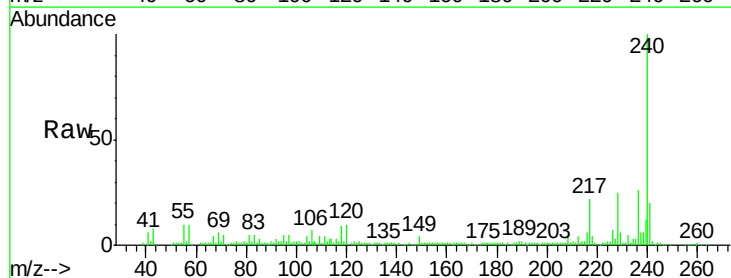
Instrument :
 BNA_F
 ClientSampleId :

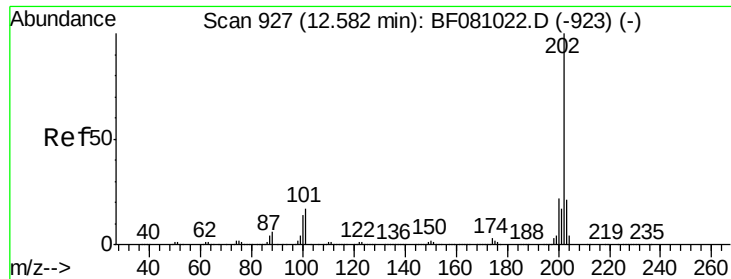
Tot Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	24.8
203	18.2	0.0	36.9



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.67 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: BF081157.D
 Acq: 21 Aug 2015 21:19

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.4	5.6	8.4#
236	26.2	20.6	30.8

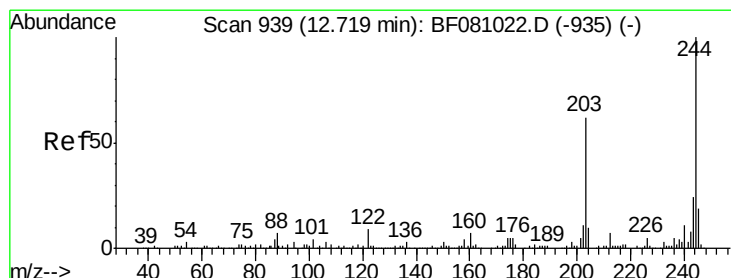
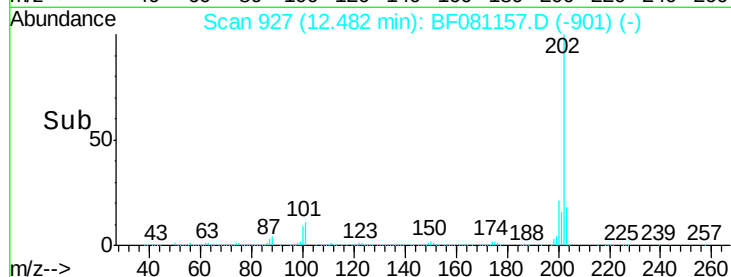
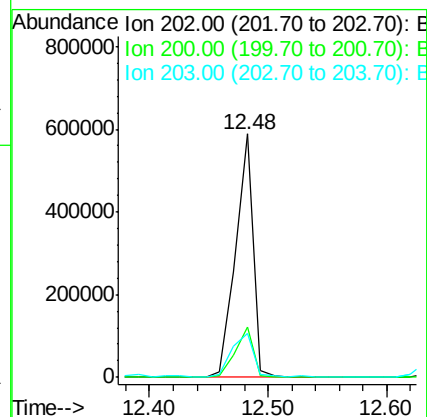
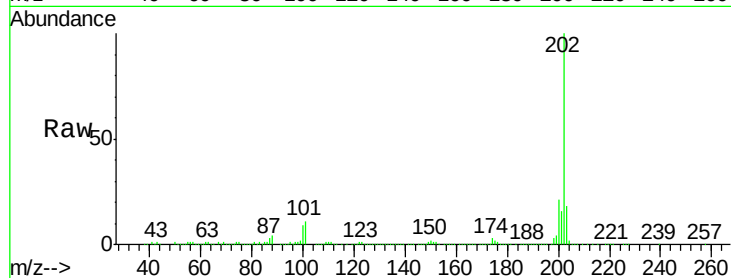




#77
 Pvrene
 Concen: 40.93 ng
 RT: 12.48 min Scan# 927
 Delta R.T. -0.00 min
 Lab File: BF081157.D
 Acq: 21 Aug 2015 21:19

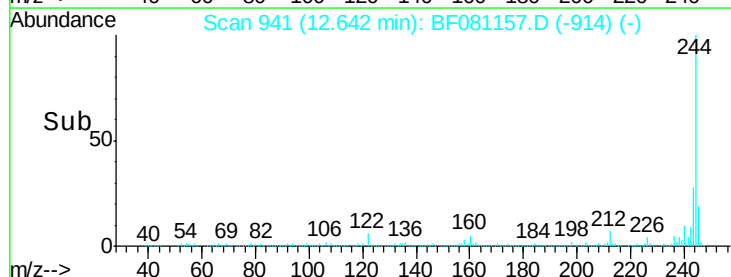
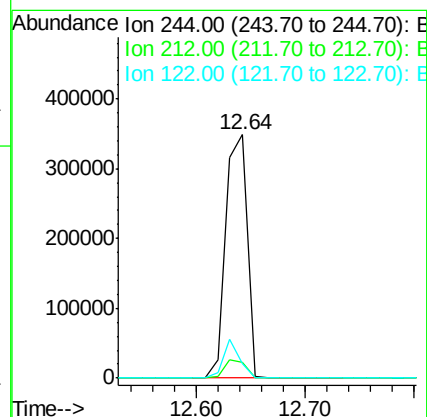
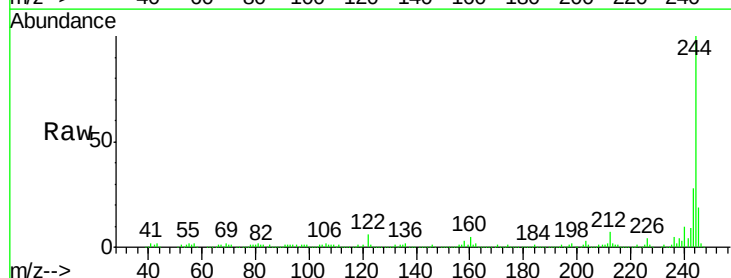
Instrument :
 BNA_F
 ClientSampleId :

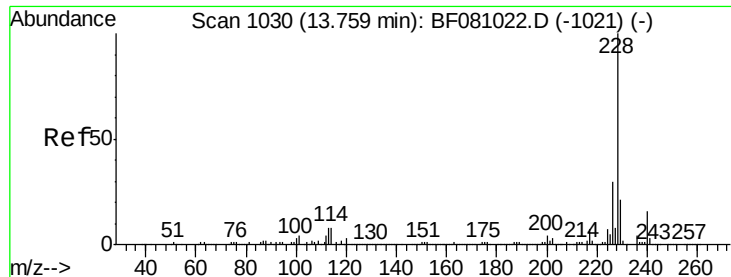
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.6	24.8
203	17.8	14.1	21.1



#78
 Terphenyl-d14
 Concen: 56.44 ng
 RT: 12.64 min Scan# 941
 Delta R.T. 0.01 min
 Lab File: BF081157.D
 Acq: 21 Aug 2015 21:19

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.8
122	5.8	8.2	12.4#

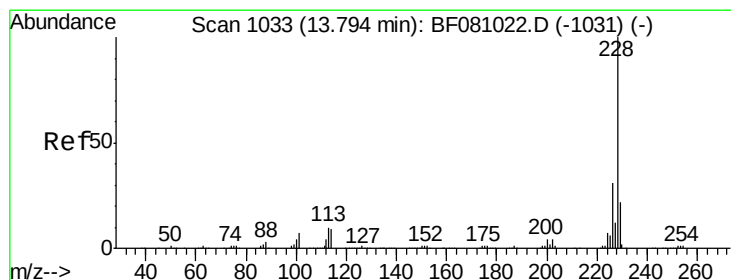
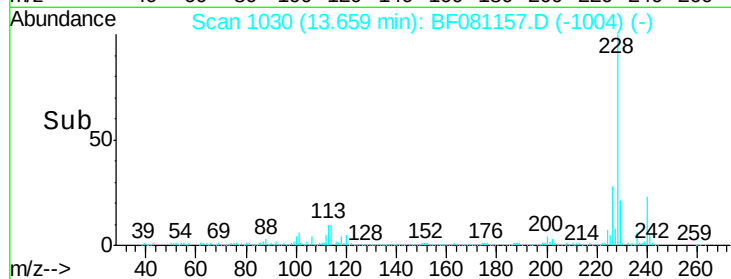
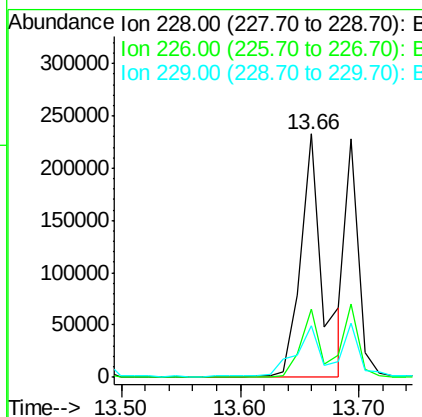
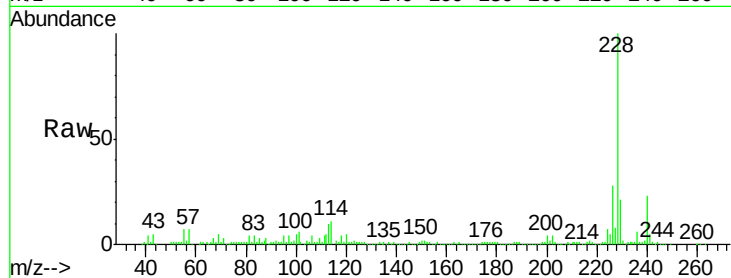




#80
Benzo(a)anthracene
Concen: 24.37 ng
RT: 13.66 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF081157.D
Acq: 21 Aug 2015 21:19

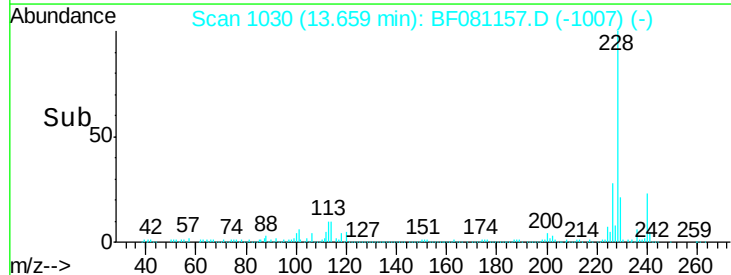
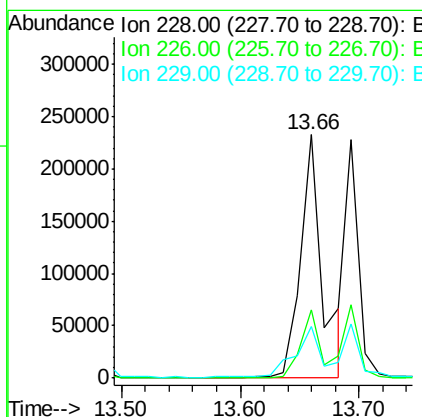
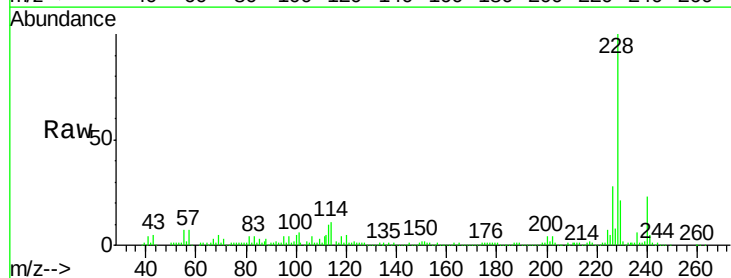
Instrument :
BNA_F
ClientSampleId :

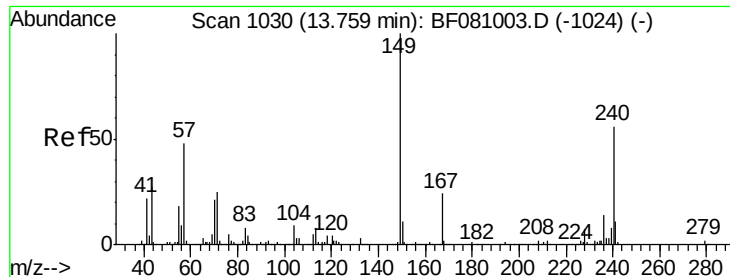
Tot Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.3	33.5
229	21.1	15.9	23.9



#82
Chrysene
Concen: 27.04 ng
RT: 13.66 min Scan# 1030
Delta R.T. -0.03 min
Lab File: BF081157.D
Acq: 21 Aug 2015 21:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	24.4	36.6
229	21.1	16.0	24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.30 ng

RT: 13.68 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF081157.D

Acq: 21 Aug 2015 21:19

Instrument :

BNA_F

ClientSampleId :

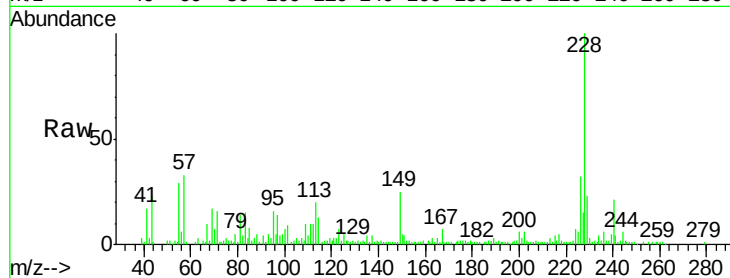
Tot Ion:149 Resp: 18640

Ion Ratio Lower Upper

149 100

167 27.4 20.7 31.1

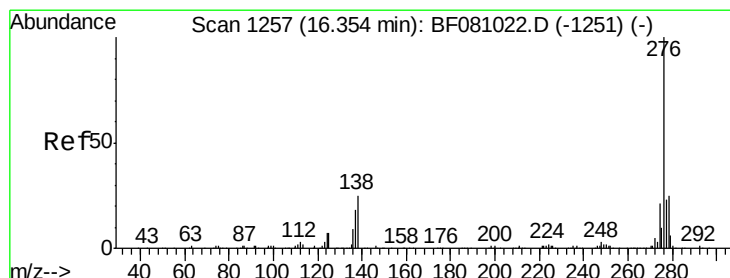
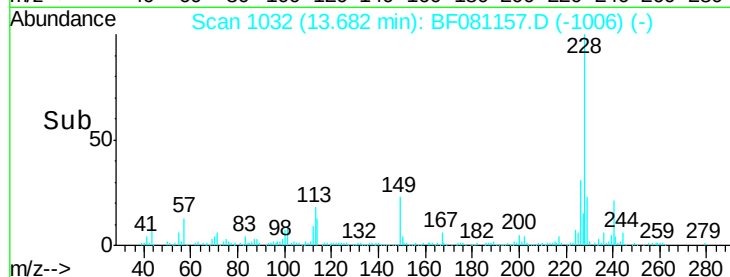
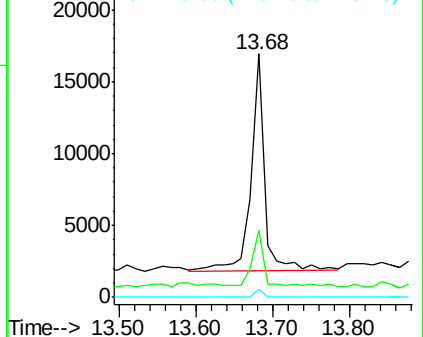
279 3.1 2.2 3.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 13.34 ng

RT: 16.19 min Scan# 1251

Delta R.T. -0.00 min

Lab File: BF081157.D

Acq: 21 Aug 2015 21:19

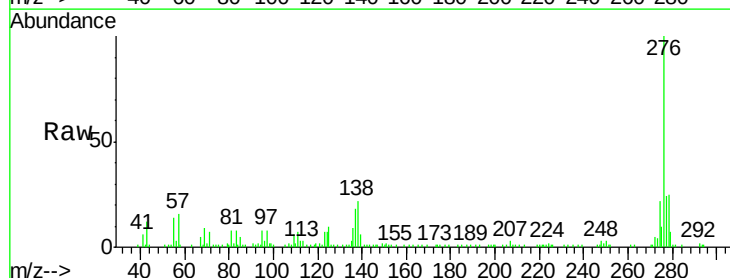
Tgt Ion:276 Resp: 102620

Ion Ratio Lower Upper

276 100

138 25.3 18.6 28.0

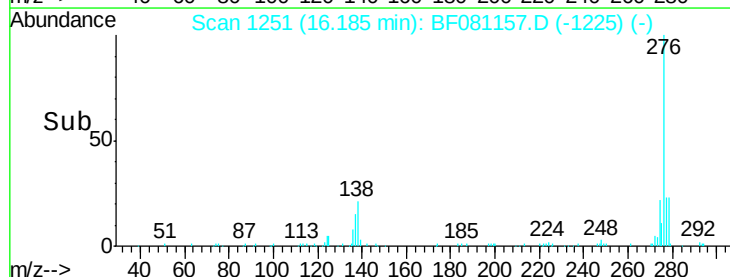
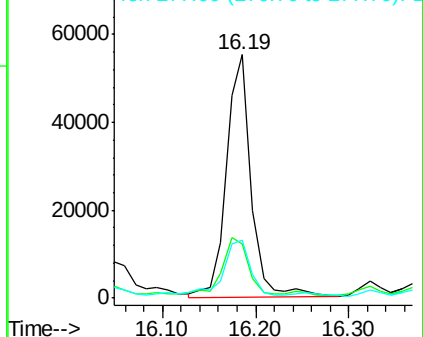
277 27.9 19.8 29.8

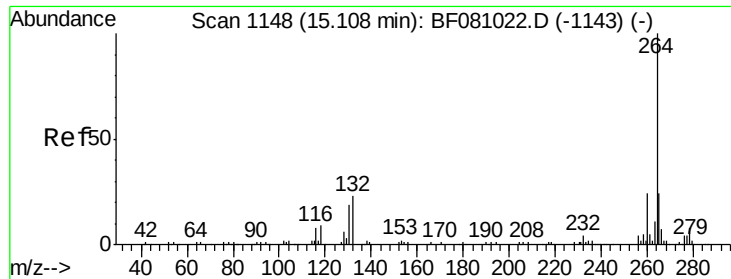


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

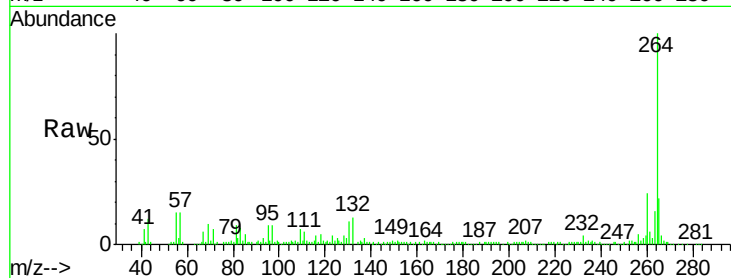




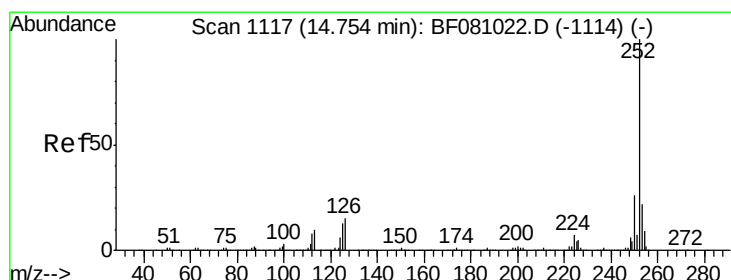
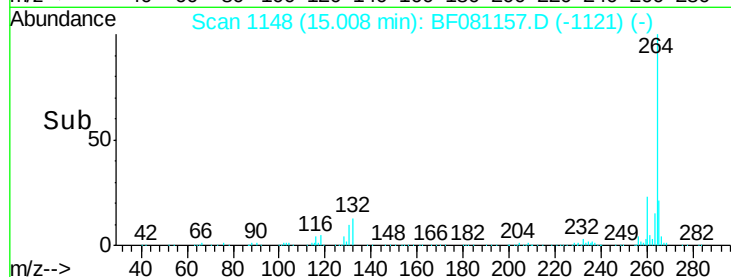
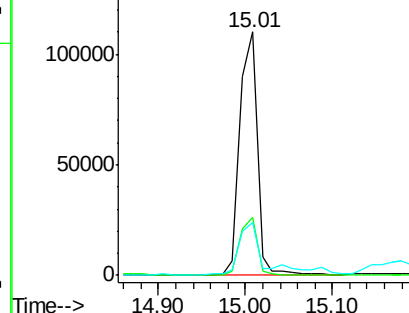
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.01 min Scan# 1148
Delta R.T. 0.01 min
Lab File: BF081157.D
Acq: 21 Aug 2015 21:19

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.6	29.4
265	21.7	17.5	26.3

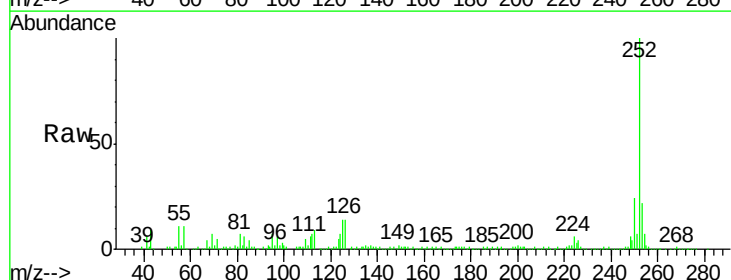


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

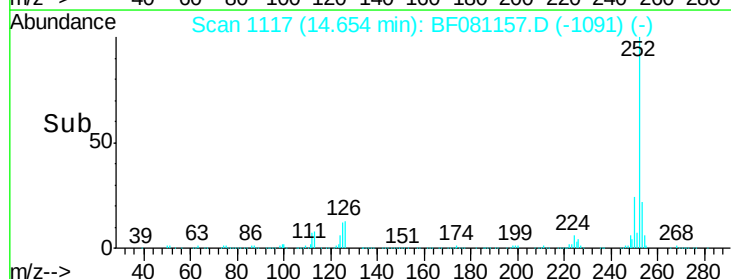
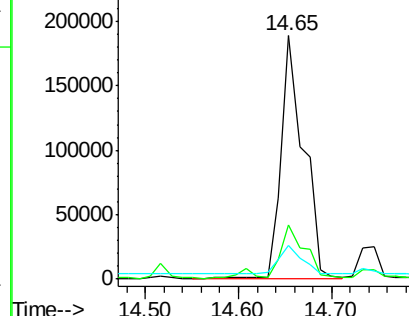


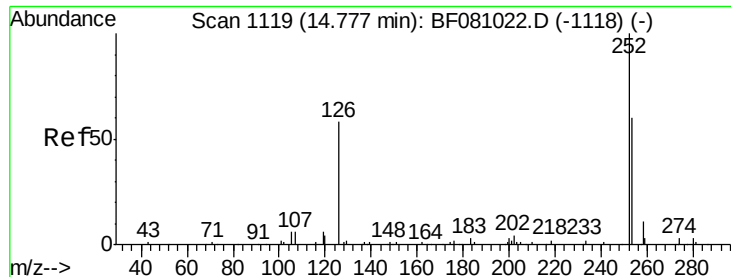
#87
Benzo(b)fluoranthene
Concen: 29.16 ng
RT: 14.65 min Scan# 1117
Delta R.T. -0.00 min
Lab File: BF081157.D
Acq: 21 Aug 2015 21:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	13.7	8.0	12.0



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

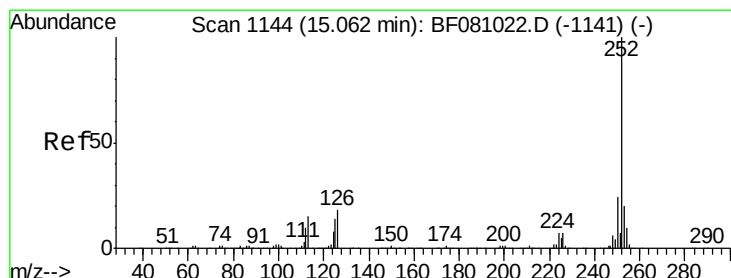
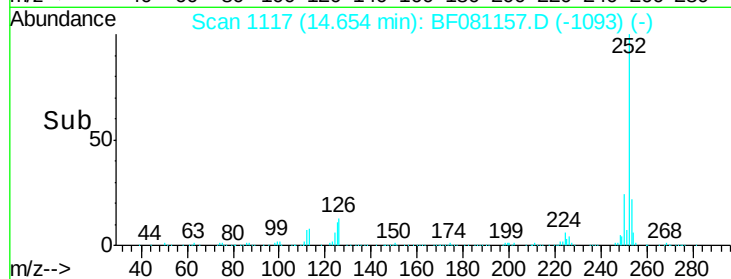
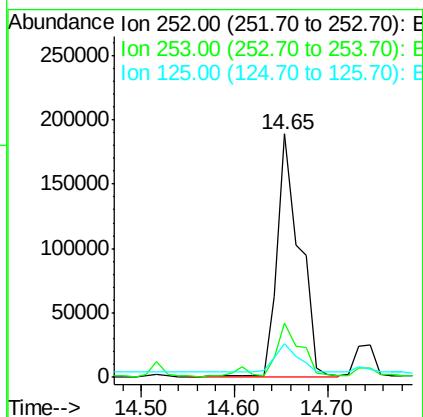
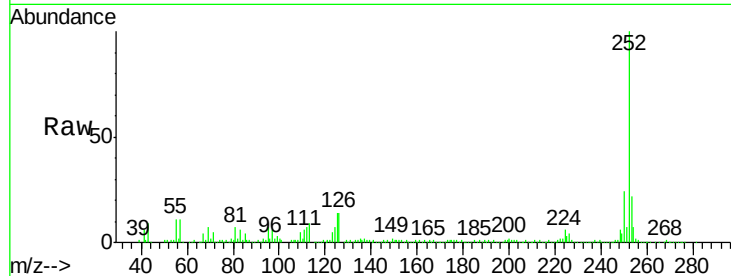




#88
Benzo(k)fluoranthene
Concen: 31.29 ng
RT: 14.65 min Scan# 1117
Delta R.T. -0.02 min
Lab File: BF081157.D
Acq: 21 Aug 2015 21:19

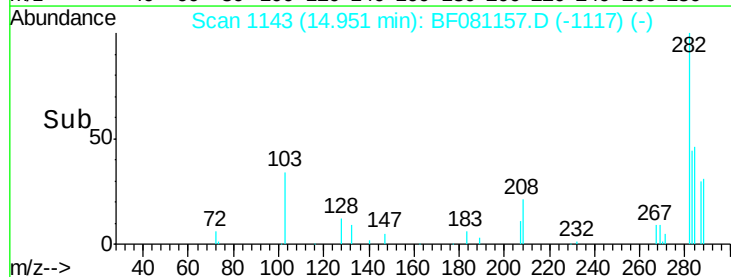
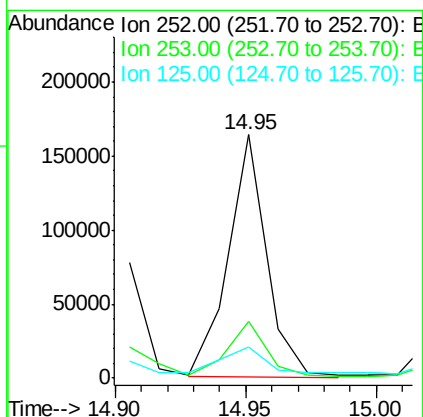
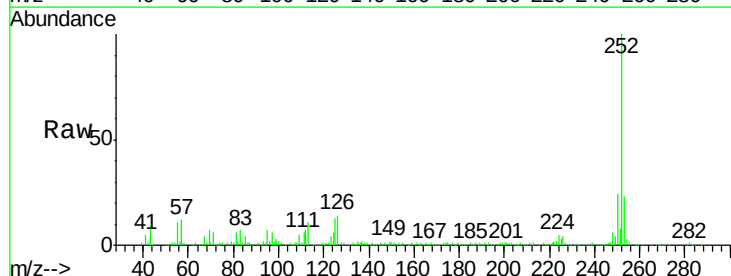
Instrument :
BNA_F
ClientSampleId :

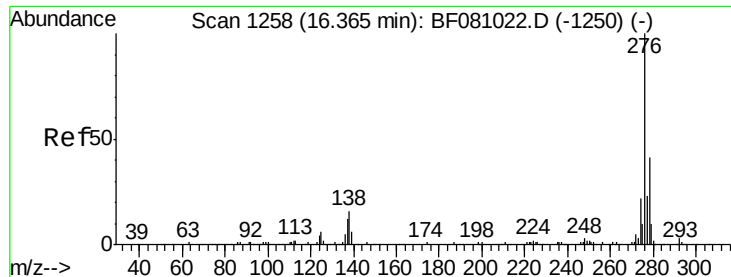
Tot Ion:252 Resp: 316745
Ion Ratio Lower Upper
252 100
253 22.5 17.6 26.4
125 13.7 10.3 15.5



#89
Benzo(a)pyrene
Concen: 17.88 ng
RT: 14.95 min Scan# 1143
Delta R.T. -0.00 min
Lab File: BF081157.D
Acq: 21 Aug 2015 21:19

Tgt Ion:252 Resp: 169185
Ion Ratio Lower Upper
252 100
253 23.1 16.6 25.0
125 13.0 7.8 11.8#





#90

Dibenzo(a,h)anthracene

Concen: 4.68 ng

RT: 16.19 min Scan# 1251

Delta R.T. -0.01 min

Lab File: BF081157.D

Acq: 21 Aug 2015 21:19

Instrument :

BNA_F

ClientSampleId :

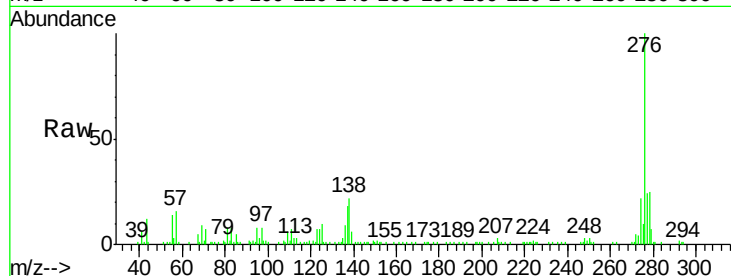
Tot Ion:278 Resp: 34485

Ion Ratio Lower Upper

278 100

139 23.6 10.8 16.2#

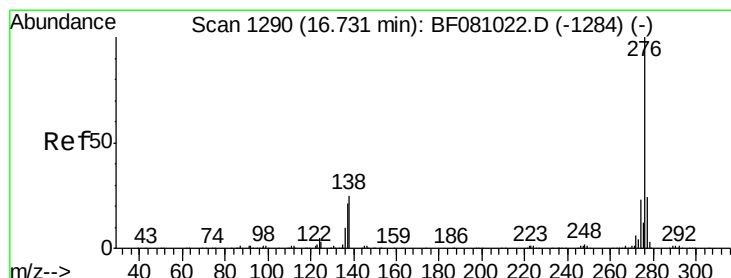
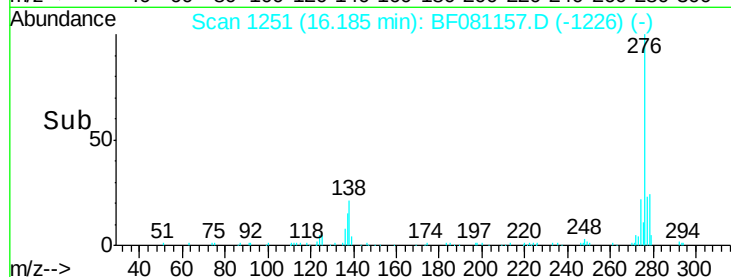
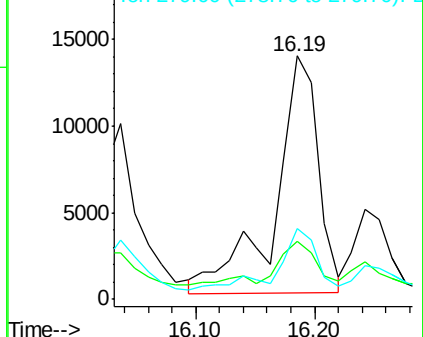
279 29.2 19.0 28.6#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 11.45 ng

RT: 16.54 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BF081157.D

Acq: 21 Aug 2015 21:19

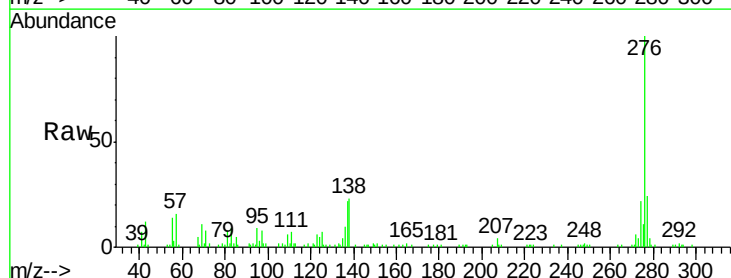
Tgt Ion:276 Resp: 85683

Ion Ratio Lower Upper

276 100

277 24.1 18.2 27.2

138 23.4 13.7 20.5#



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

