

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091415\
 Data File : BF081610.D
 Acq On : 14 Sep 2015 16:24
 Operator : UM/IZ
 Sample : G3597-04 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GP-4(0-5)

Quant Time: Sep 15 02:03:42 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 14 13:51:56 2015
 Response via : Initial Calibration

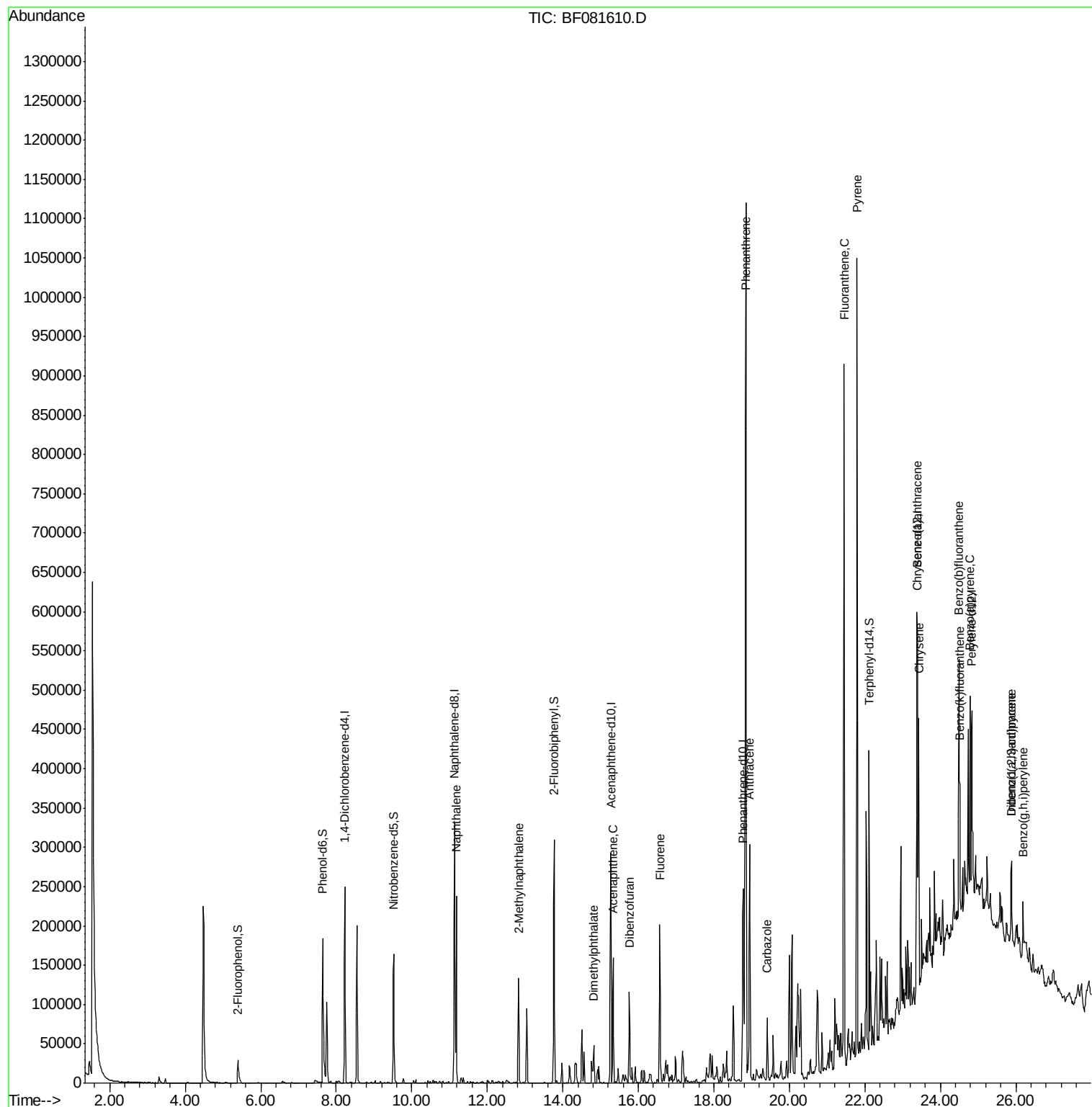
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	58936	20.00	ng	0.00
21) Naphthalene-d8	11.13	136	243781	20.00	ng	0.00
38) Acenaphthene-d10	15.27	164	111944	20.00	ng	0.00
63) Phenanthrene-d10	18.78	188	203616	20.00	ng	0.01
75) Chrysene-d12	23.40	240	117392	20.00	ng	0.00
86) Perylene-d12	24.84	264	110562	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	19971	5.26	ng	0.02
7) Phenol-d6	7.65	99	115678	23.01	ng	-0.01
23) Nitrobenzene-d5	9.52	82	90383	17.89	ng	-0.02
41) 2,4,6-Tribromophenol	17.17	330	917	0.92	ng	-0.01
44) 2-Fluorobiphenyl	13.77	172	164561	18.84	ng	-0.01
78) Terphenyl-d14	22.12	244	102183	20.26	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	11.18	128	166282	12.79	ng	99
37) 2-Methylnaphthalene	12.84	142	61075	7.22	ng	# 86
49) Dimethylphthalate	14.82	163	32209	3.70	ng	# 97
51) Acenaphthene	15.34	154	52159	6.95	ng	87
54) Dibenzofuran	15.76	168	76356	6.97	ng	# 87
57) Fluorene	16.57	166	95157	11.44	ng	94
70) Phenanthrene	18.85	178	824302	72.82	ng	97
71) Anthracene	18.95	178	206803	17.78	ng	99
72) Carbazole	19.42	167	56421	5.17	ng	96
74) Fluoranthene	21.45	202	558438	45.57	ng	88
77) Pyrene	21.80	202	499380	57.43	ng	# 93
80) Benzo(a)anthracene	23.38	228	198132	26.50	ng	95
82) Chrysene	23.43	228	161201	24.05	ng	93
85) Indeno(1,2,3-cd)pyrene	25.89	276	57436	11.68	ng	# 80
87) Benzo(b)fluoranthene	24.49	252	166622m	21.11	ng	
88) Benzo(k)fluoranthene	24.52	252	56301m	8.60	ng	
89) Benzo(a)pyrene	24.78	252	127962	19.13	ng	# 88
90) Dibenzo(a,h)anthracene	25.89	278	15477m	2.99	ng	
91) Benzo(g,h,i)perylene	26.18	276	48812	9.90	ng	# 74

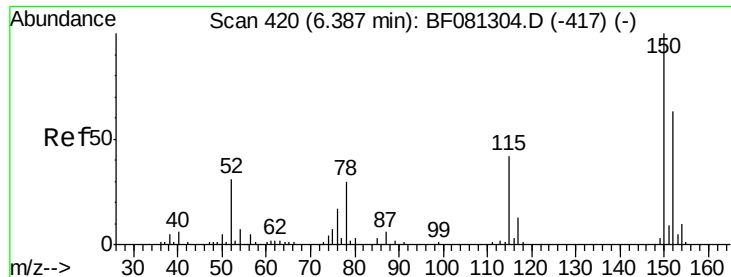
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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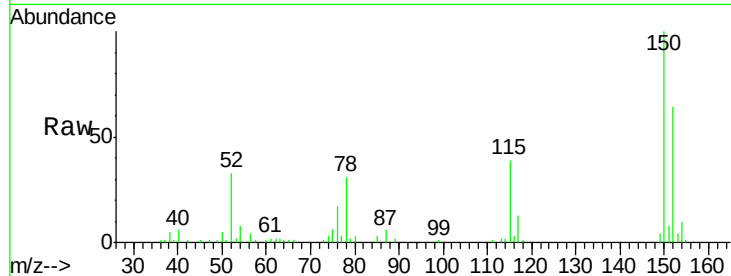


#1

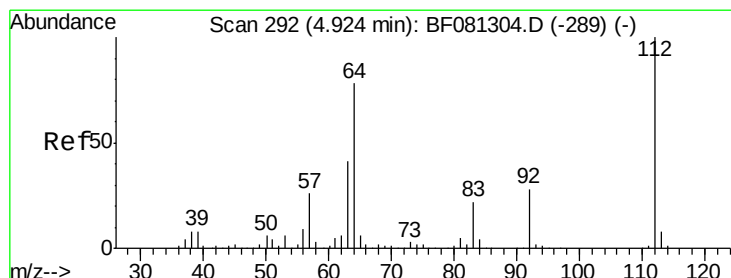
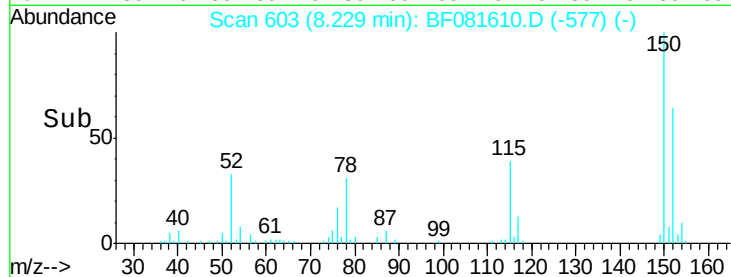
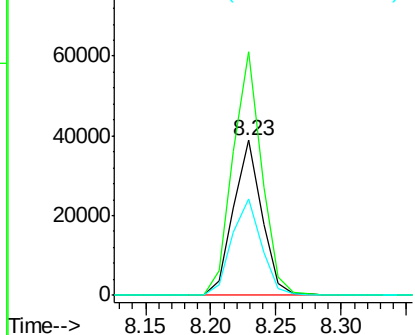
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.23 min Scan# 603
Delta R.T. -0.00 min
Lab File: BF081610.D
Acq: 14 Sep 2015 16:24

Instrument :
BNA_F
ClientSampleId :
GP-4(0-5)

Tgt Ion:152 Resp: 58936
Ion Ratio Lower Upper
152 100
150 157.4 124.7 187.1
115 62.0 39.0 58.4#



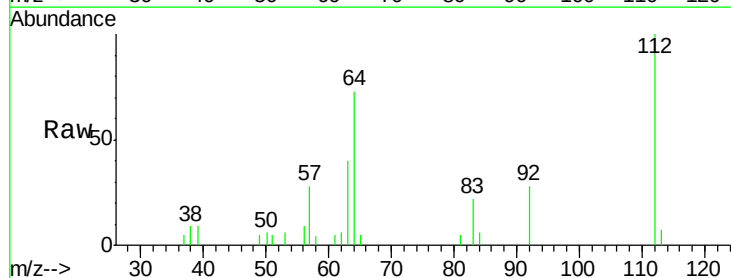
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



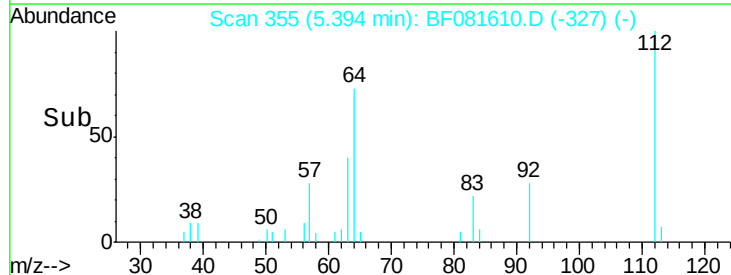
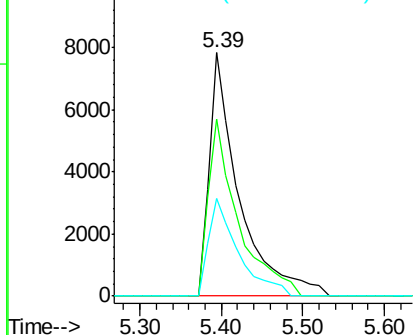
#5

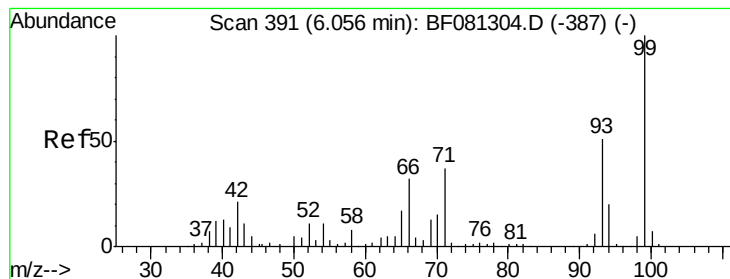
2-Fluorophenol
Concen: 5.26 ng
RT: 5.39 min Scan# 355
Delta R.T. 0.02 min
Lab File: BF081610.D
Acq: 14 Sep 2015 16:24

Tgt Ion:112 Resp: 19971
Ion Ratio Lower Upper
112 100
64 73.0 39.7 59.5#
63 39.9 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: 23.01 ng

RT: 7.65 min Scan# 552

Delta R.T. -0.01 min

Lab File: BF081610.D

Acq: 14 Sep 2015 16:24

Instrument :

BNA_F

ClientSampleId :

GP-4(0-5)

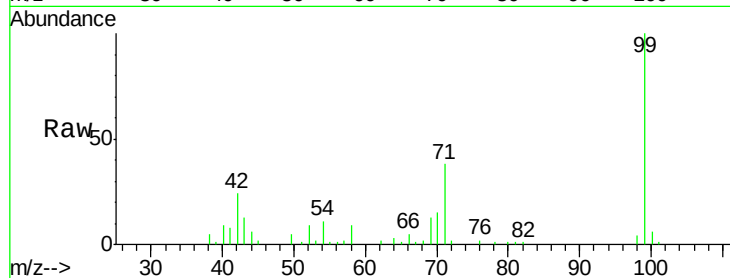
Tgt Ion: 99 Resp: 115678

Ion Ratio Lower Upper

99 100

42 24.2 13.7 20.5#

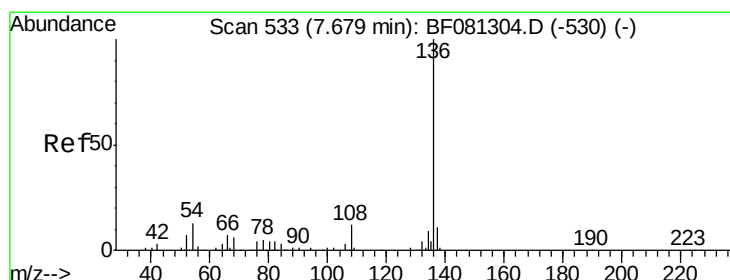
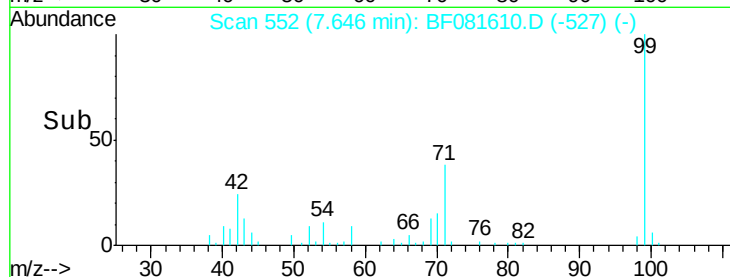
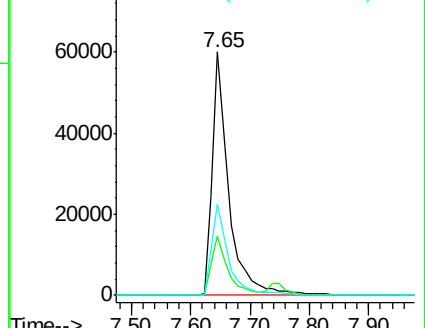
71 37.7 14.2 21.2#



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.13 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF081610.D

Acq: 14 Sep 2015 16:24

Tgt Ion: 136 Resp: 243781

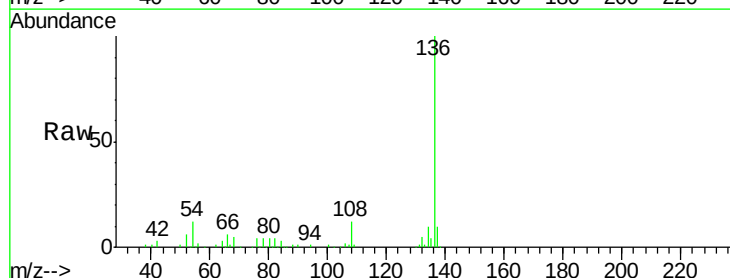
Ion Ratio Lower Upper

136 100

137 10.4 9.0 13.6

54 11.6 8.2 12.2

68 4.9 5.8 8.6#

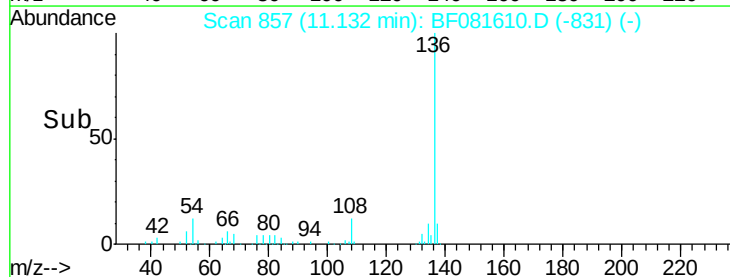
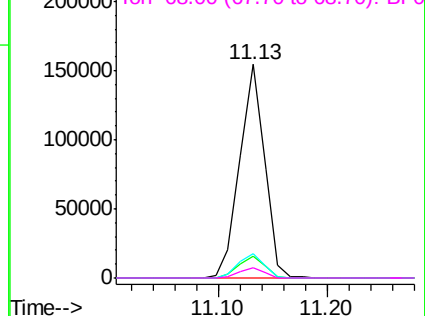


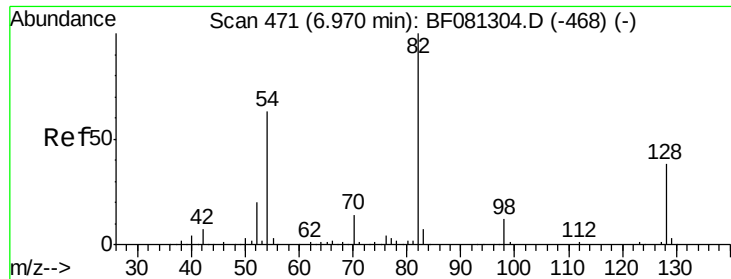
Abundance Ion 136.00 (135.70 to 136.70): E

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

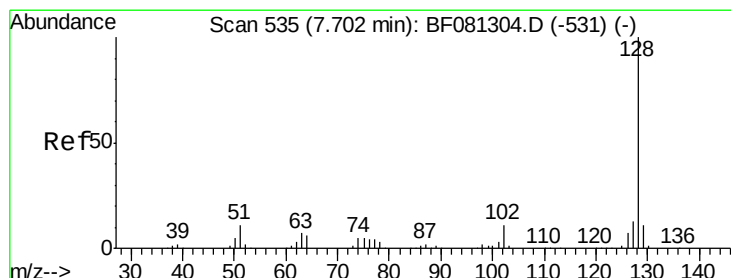
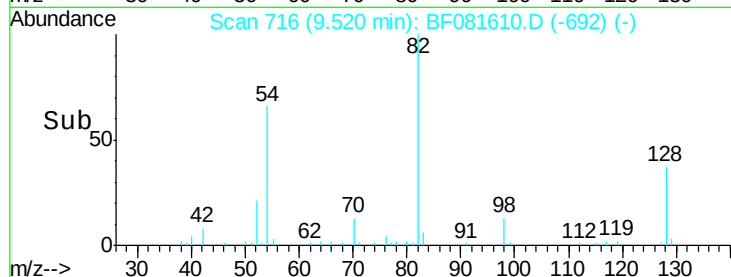
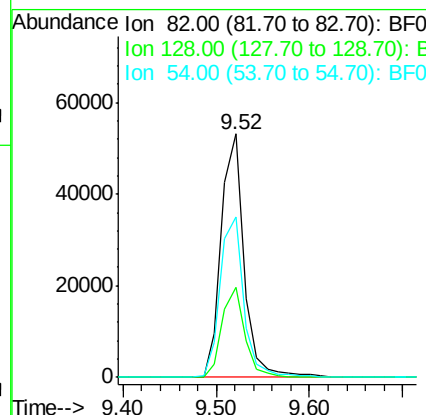
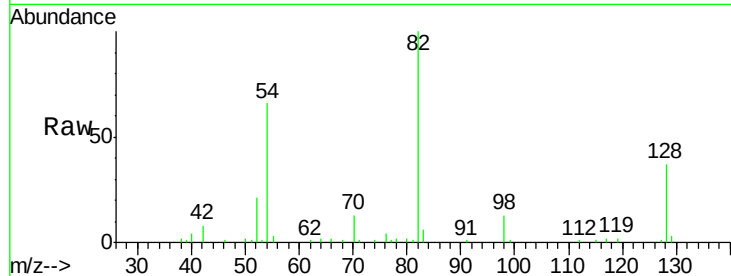




#23
 Nitrobenzene-d5
 Concen: 17.89 ng
 RT: 9.52 min Scan# 716
 Delta R.T. -0.02 min
 Lab File: BF081610.D
 Acq: 14 Sep 2015 16:24

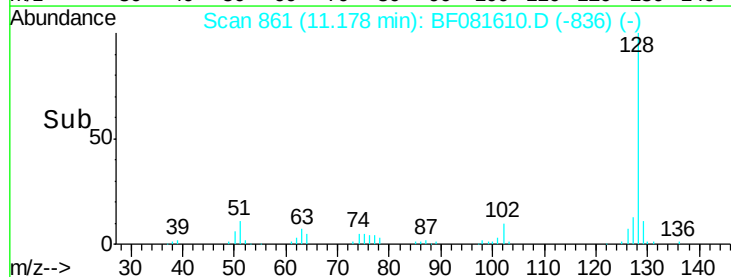
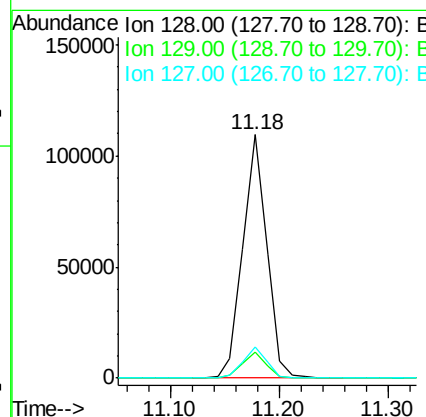
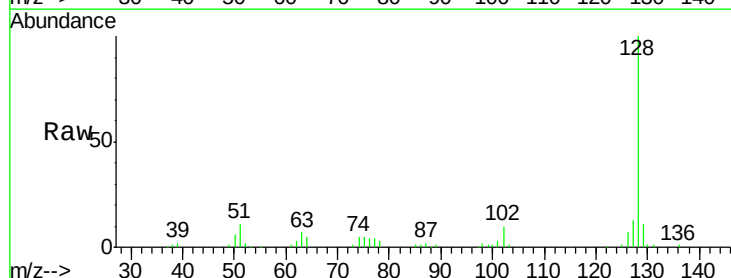
Instrument :
 BNA_F
 ClientSampleId :
 GP-4(0-5)

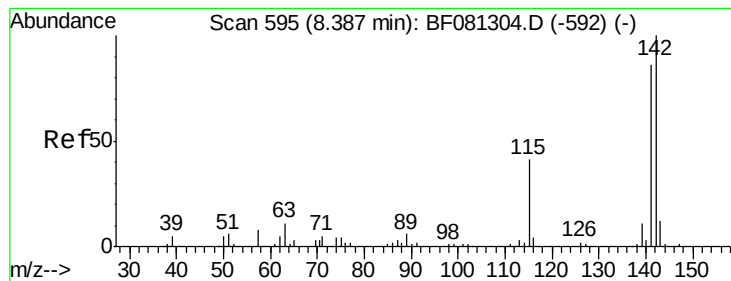
Tgt Ion: 82 Resp: 90383
 Ion Ratio Lower Upper
 82 100
 128 37.1 51.0 76.6#
 54 65.8 47.5 71.3



#31
 Naphthalene
 Concen: 12.79 ng
 RT: 11.18 min Scan# 861
 Delta R.T. -0.01 min
 Lab File: BF081610.D
 Acq: 14 Sep 2015 16:24

Tgt Ion: 128 Resp: 166282
 Ion Ratio Lower Upper
 128 100
 129 10.8 8.4 12.6
 127 12.7 9.9 14.9





#37

2-Methylnaphthalene

Concen: 7.22 ng

RT: 12.84 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BF081610.D

Acq: 14 Sep 2015 16:24

Instrument :

BNA_F

ClientSampleId :

GP-4(0-5)

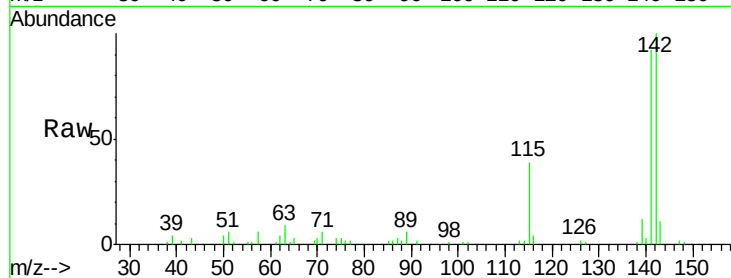
Tgt Ion:142 Resp: 61075

Ion Ratio Lower Upper

142 100

141 92.0 67.5 101.3

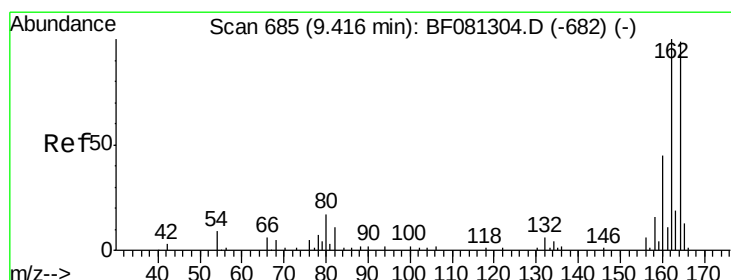
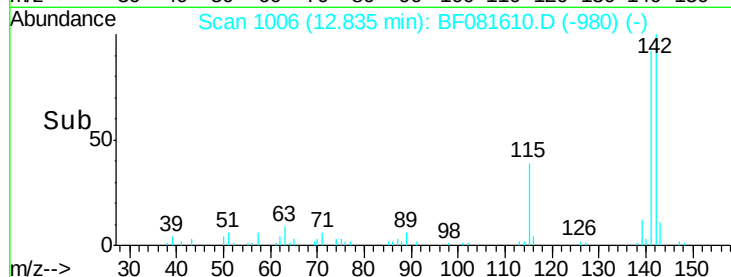
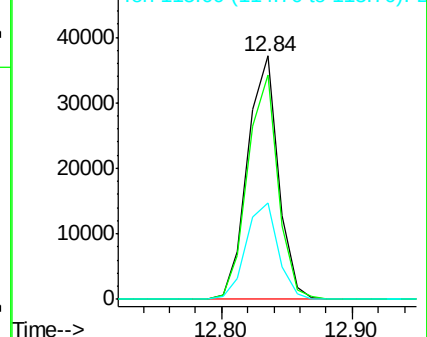
115 39.5 18.2 27.2#



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: 15.27 min Scan# 1219

Delta R.T. -0.00 min

Lab File: BF081610.D

Acq: 14 Sep 2015 16:24

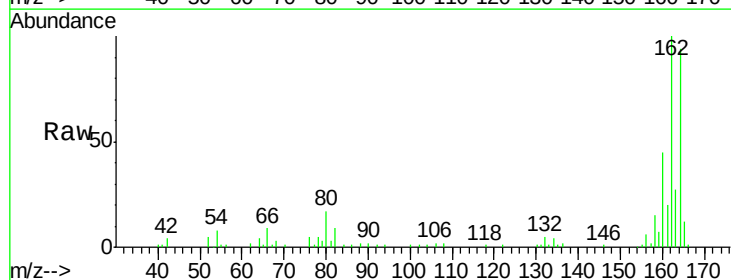
Tgt Ion:164 Resp: 111944

Ion Ratio Lower Upper

164 100

162 106.9 75.2 112.8

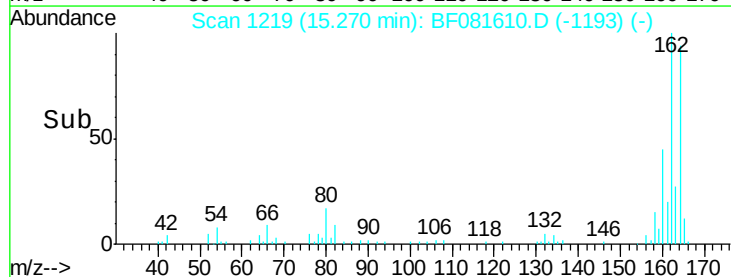
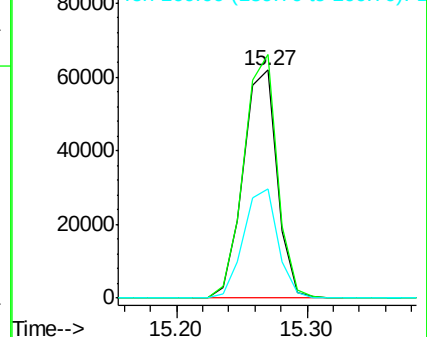
160 47.7 31.5 47.3#

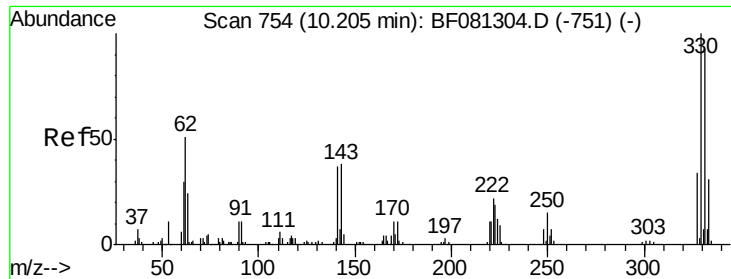


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

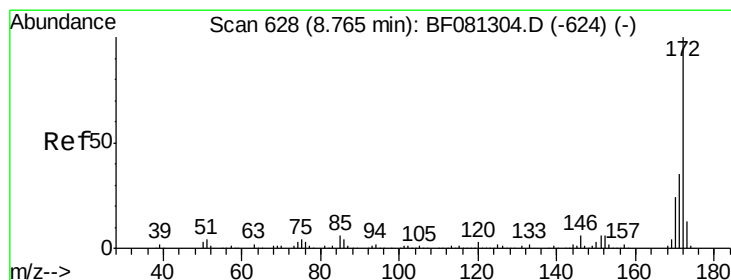
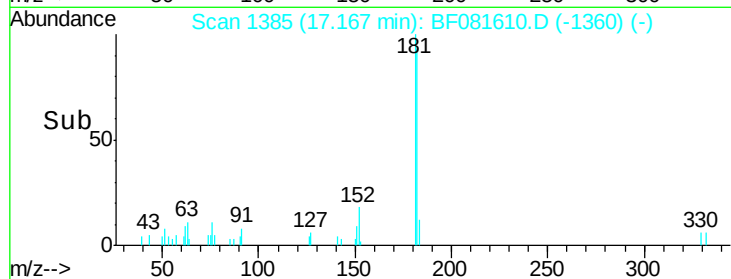
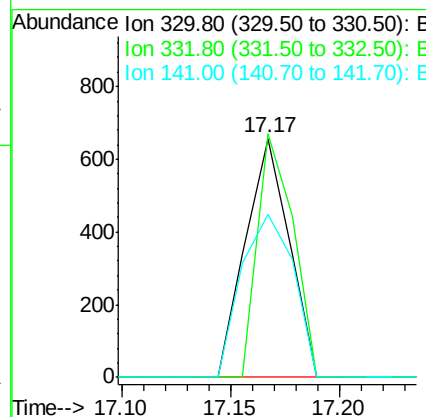
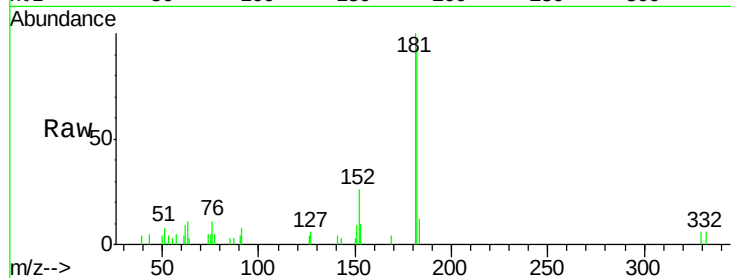




#41
 2,4,6-Tribromophenol
 Concen: 0.92 ng
 RT: 17.17 min Scan# 1385
 Delta R.T. -0.01 min
 Lab File: BF081610.D
 Acq: 14 Sep 2015 16:24

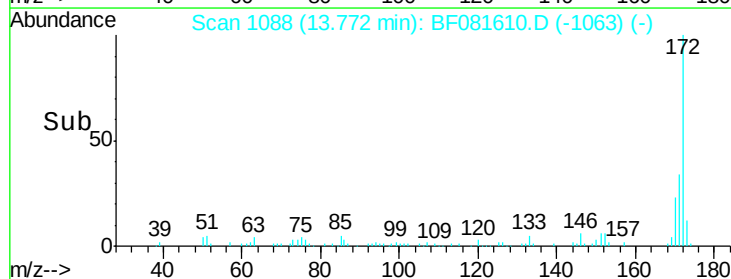
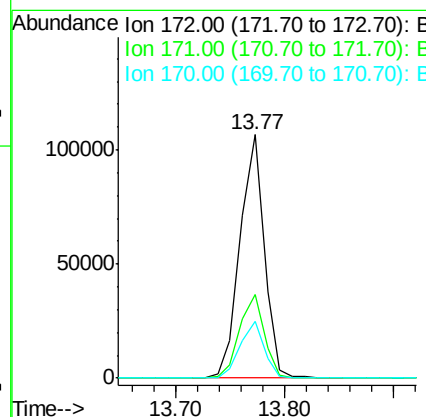
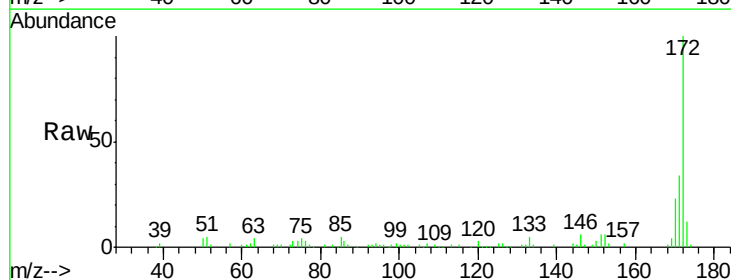
Instrument :
 BNA_F
 ClientSampleId :
 GP-4(0-5)

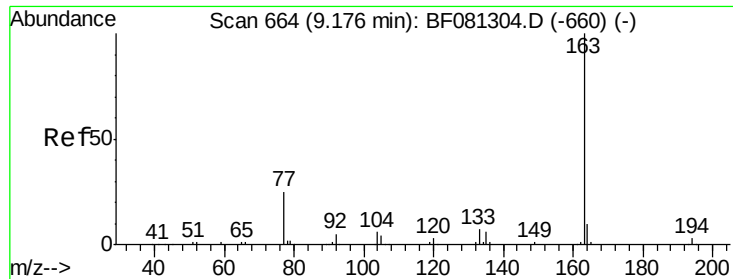
Tgt Ion:330 Resp: 917
 Ion Ratio Lower Upper
 330 100
 332 83.3 76.6 114.8
 141 81.5 29.7 44.5#



#44
 2-Fluorobiphenyl
 Concen: 18.84 ng
 RT: 13.77 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: BF081610.D
 Acq: 14 Sep 2015 16:24

Tgt Ion:172 Resp: 164561
 Ion Ratio Lower Upper
 172 100
 171 34.2 26.1 39.1
 170 23.4 17.4 26.2





#49

Dimethylphthalate

Concen: 3.70 ng

RT: 14.82 min Scan# 1180

Delta R.T. -0.05 min

Lab File: BF081610.D

Acq: 14 Sep 2015 16:24

Instrument :

BNA_F

ClientSampled :

GP-4(0-5)

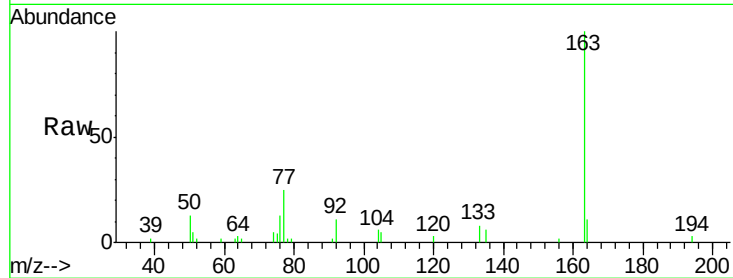
Tgt Ion:163 Resp: 32209

Ion Ratio Lower Upper

163 100

194 2.9 4.4 6.6#

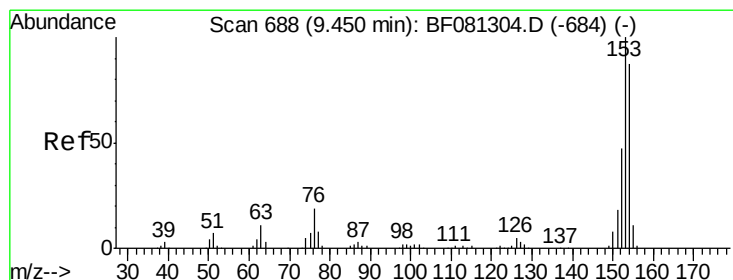
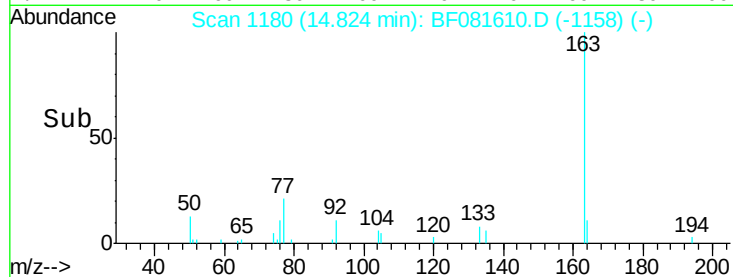
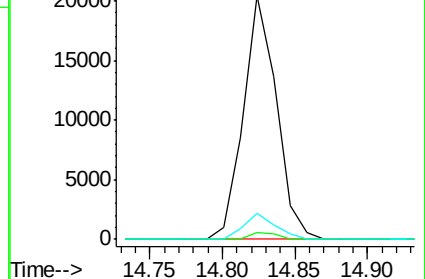
164 10.6 8.3 12.5



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: 6.95 ng

RT: 15.34 min Scan# 1225

Delta R.T. -0.01 min

Lab File: BF081610.D

Acq: 14 Sep 2015 16:24

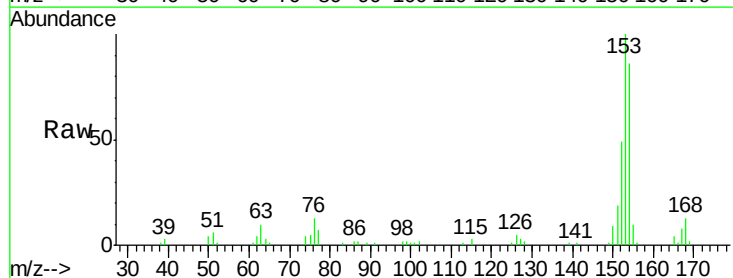
Tgt Ion:154 Resp: 52159

Ion Ratio Lower Upper

154 100

153 116.0 82.1 123.1

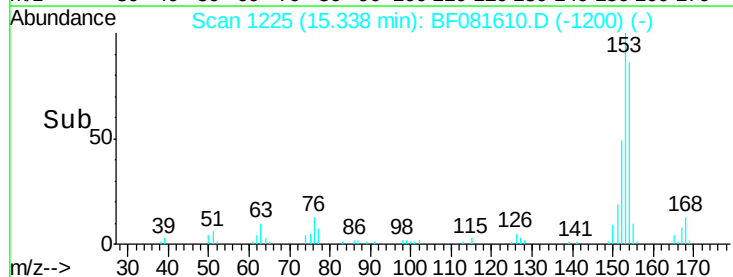
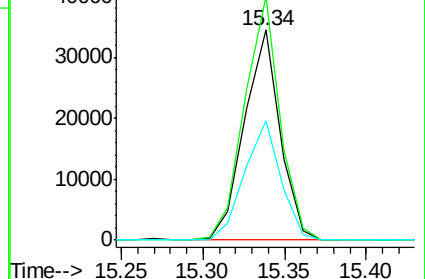
152 56.7 37.9 56.9

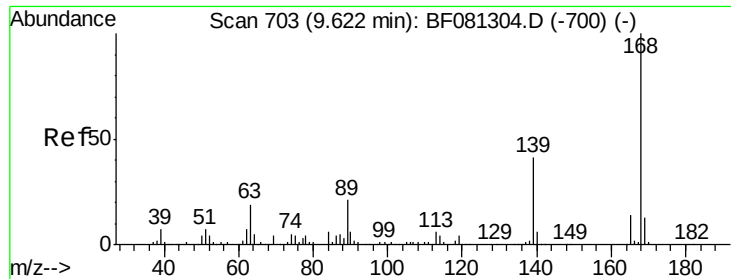


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#54

Dibenzofuran

Concen: 6.97 ng

RT: 15.76 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BF081610.D

Acq: 14 Sep 2015 16:24

Instrument :

BNA_F

ClientSampleId :

GP-4(0-5)

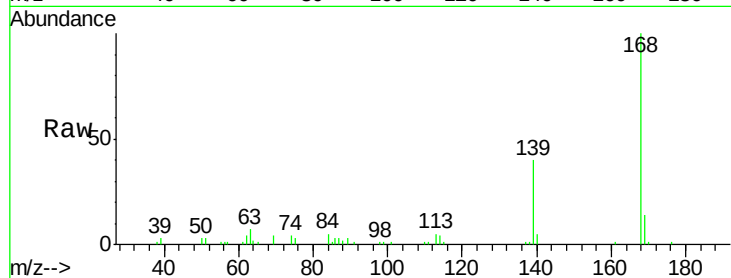
Tgt Ion:168 Resp: 76356

Ion Ratio Lower Upper

168 100

139 40.1 24.2 36.2#

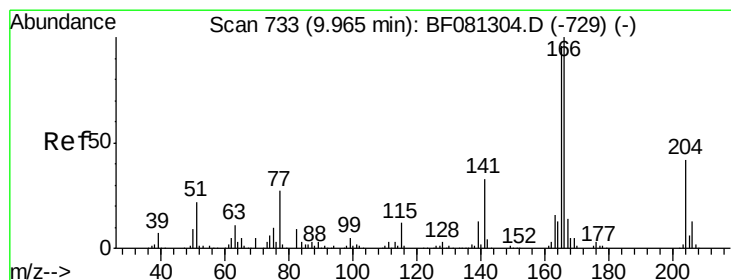
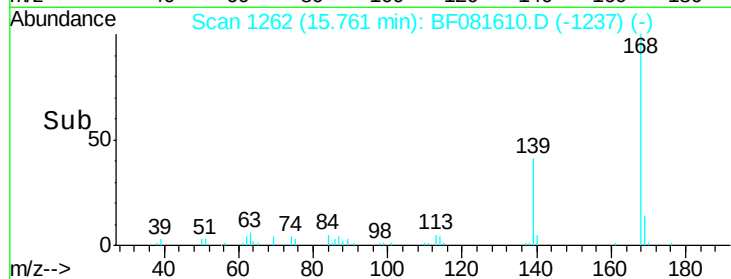
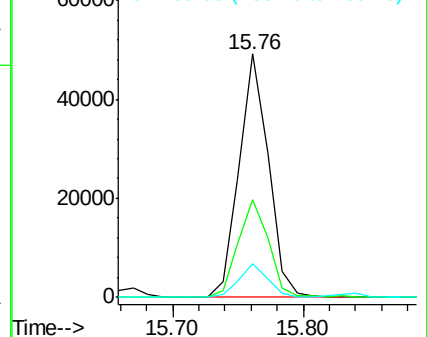
169 14.0 10.6 15.8



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: 11.44 ng

RT: 16.57 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF081610.D

Acq: 14 Sep 2015 16:24

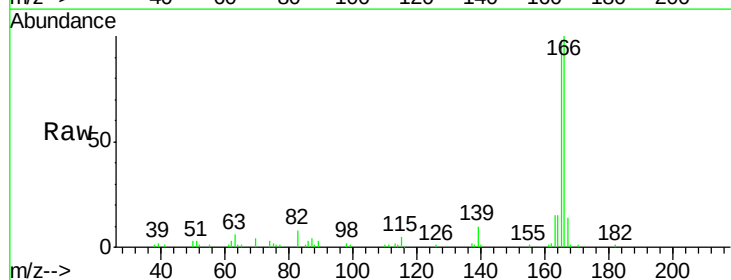
Tgt Ion:166 Resp: 95157

Ion Ratio Lower Upper

166 100

165 97.7 72.6 109.0

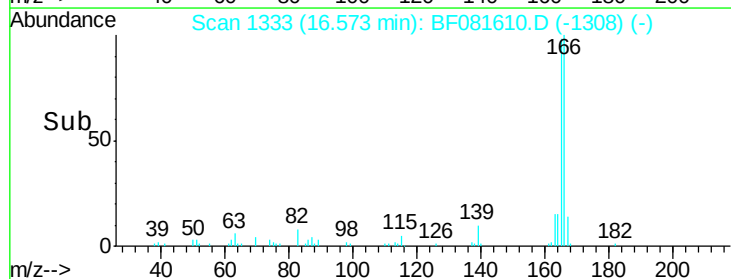
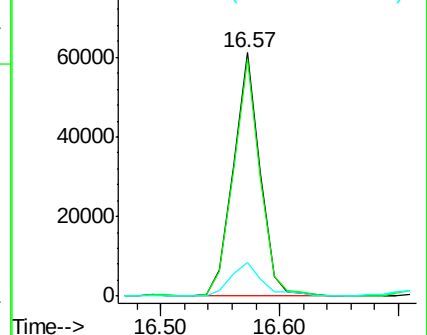
167 13.6 10.6 16.0

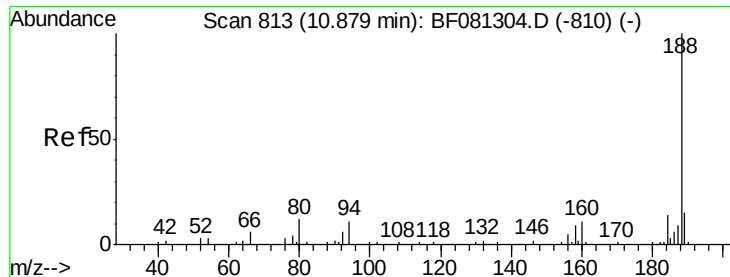


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

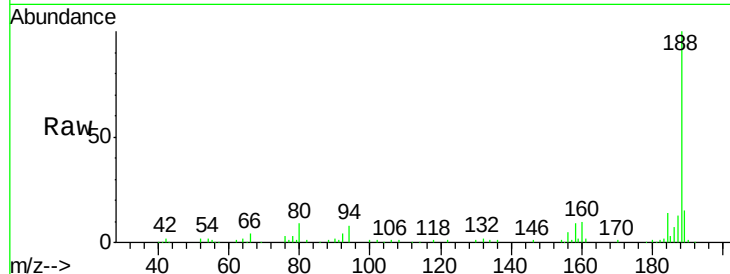




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 18.78 min Scan# 1526
 Delta R.T. 0.01 min
 Lab File: BF081610.D
 Acq: 14 Sep 2015 16:24

Instrument :
 BNA_F
 ClientSampleId :
 GP-4(0-5)

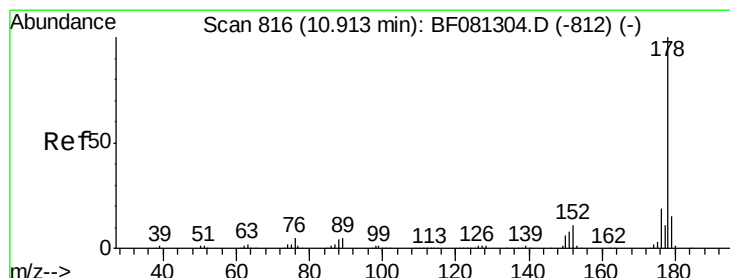
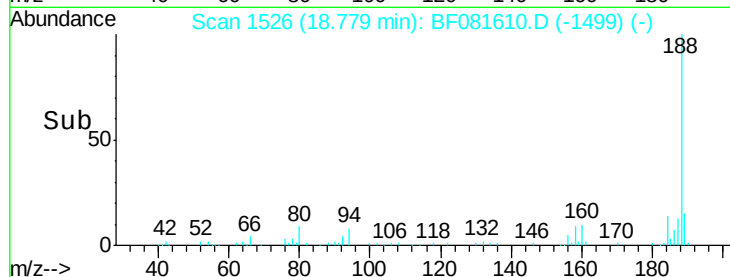
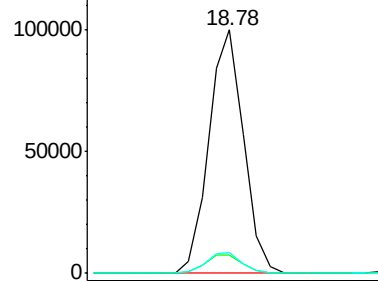
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.5	11.1	16.7#
80	8.7	11.0	16.4#



Abundance Ion 188.00 (187.70 to 188.70): E

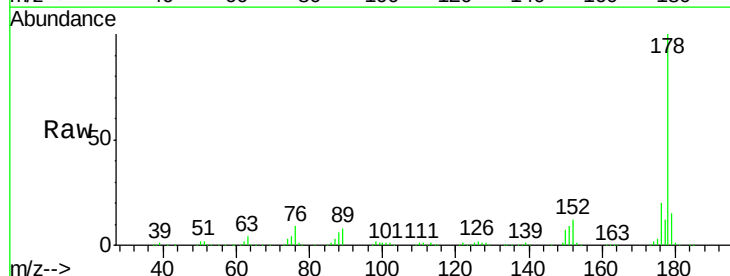
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#70
 Phenanthrene
 Concen: 72.82 ng
 RT: 18.85 min Scan# 1532
 Delta R.T. 0.01 min
 Lab File: BF081610.D
 Acq: 14 Sep 2015 16:24

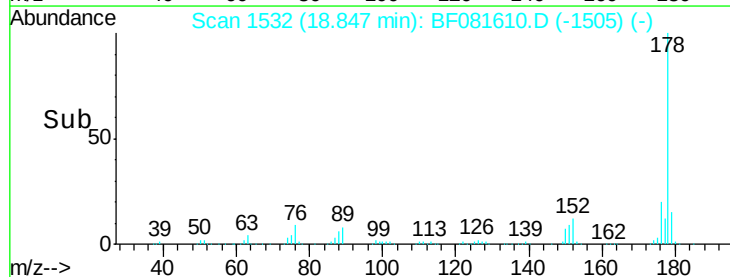
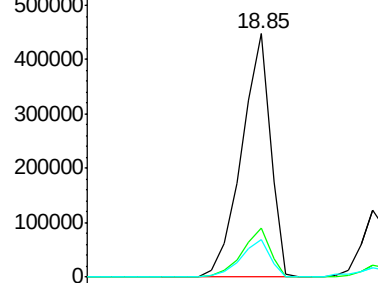
Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	13.8	20.8
179	15.2	12.2	18.2

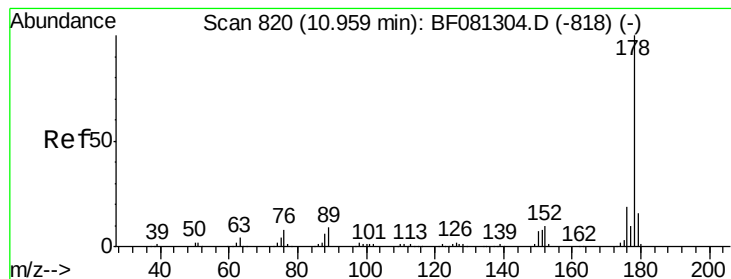


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 17.78 ng

RT: 18.95 min Scan# 1541

Delta R.T. -0.00 min

Lab File: BF081610.D

Acq: 14 Sep 2015 16:24

Instrument :

BNA_F

ClientSampleId :

GP-4(0-5)

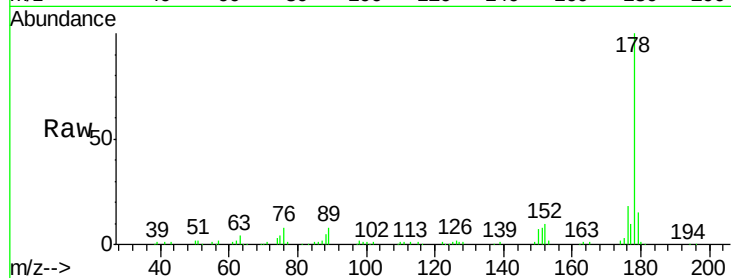
Tgt Ion:178 Resp: 206803

Ion Ratio Lower Upper

178 100

176 17.9 14.1 21.1

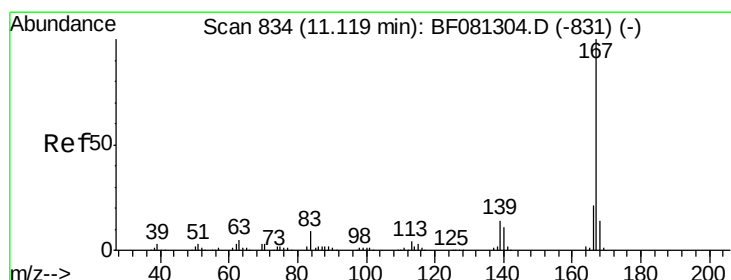
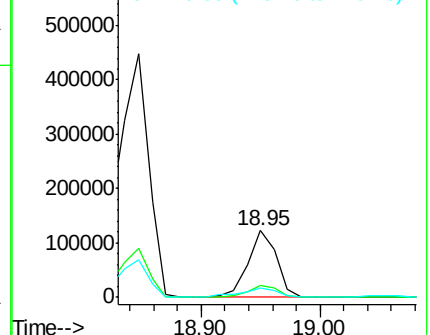
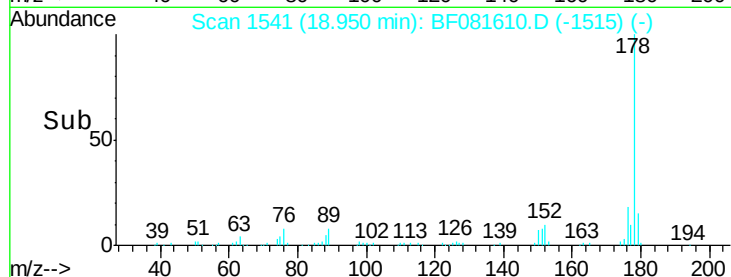
179 14.8 12.2 18.2



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: 5.17 ng

RT: 19.42 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BF081610.D

Acq: 14 Sep 2015 16:24

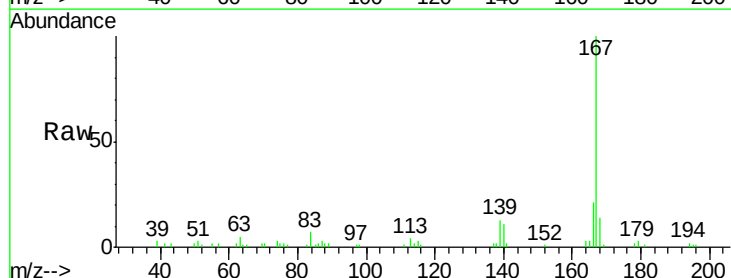
Tgt Ion:167 Resp: 56421

Ion Ratio Lower Upper

167 100

166 21.5 15.7 23.5

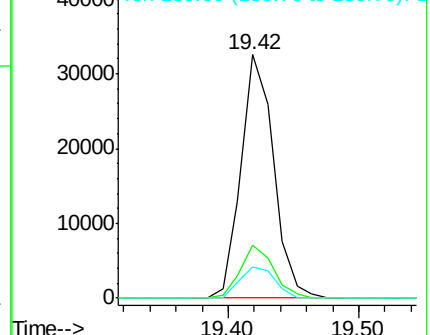
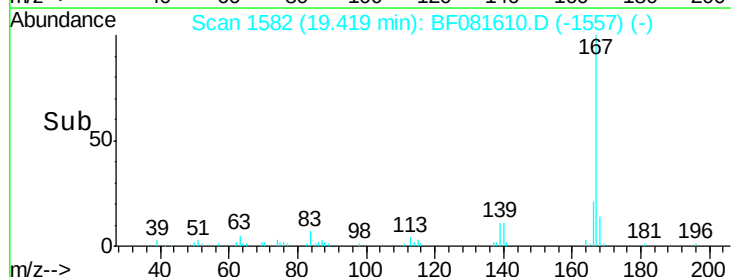
139 13.0 9.5 14.3

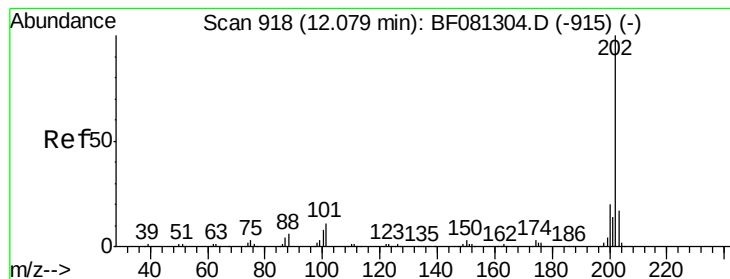


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 45.57 ng

RT: 21.45 min Scan# 1760

Delta R.T. 0.01 min

Lab File: BF081610.D

Acq: 14 Sep 2015 16:24

Instrument :

BNA_F

ClientSampleId :

GP-4(0-5)

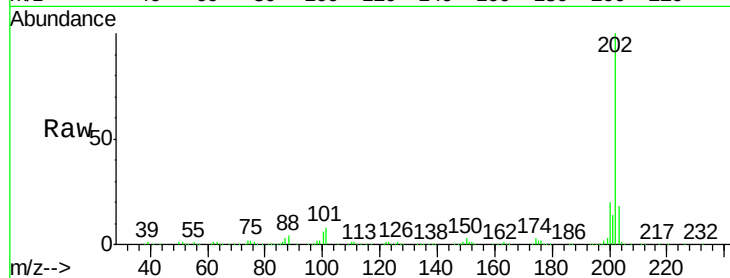
Tgt Ion:202 Resp: 558438

Ion Ratio Lower Upper

202 100

101 8.3 0.0 38.3

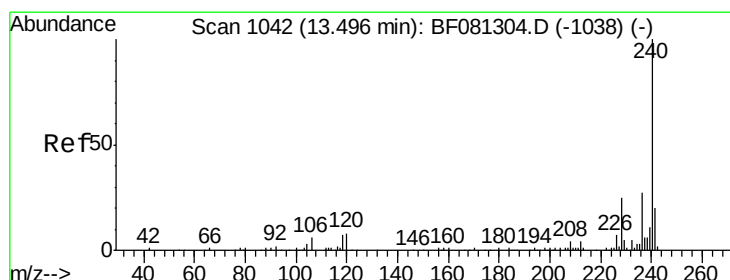
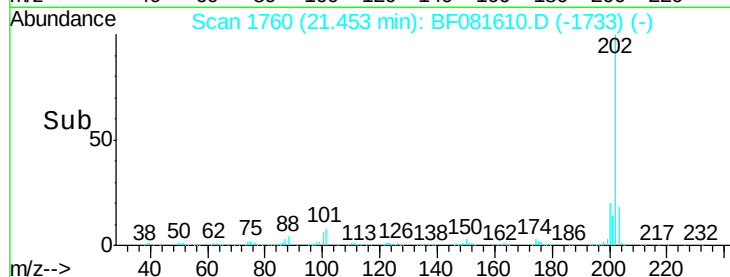
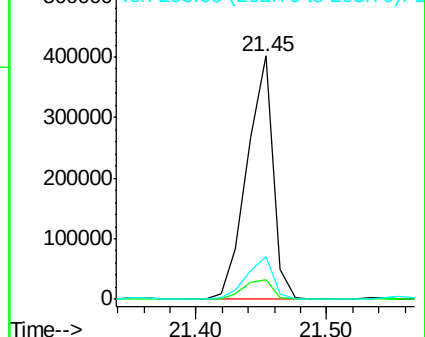
203 17.5 0.0 37.3



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: 23.40 min Scan# 1930

Delta R.T. -0.00 min

Lab File: BF081610.D

Acq: 14 Sep 2015 16:24

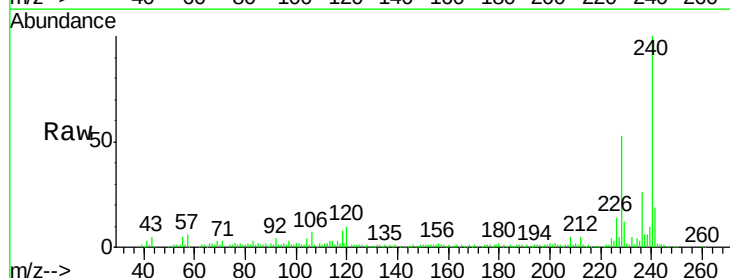
Tgt Ion:240 Resp: 117392

Ion Ratio Lower Upper

240 100

120 9.6 16.2 24.2#

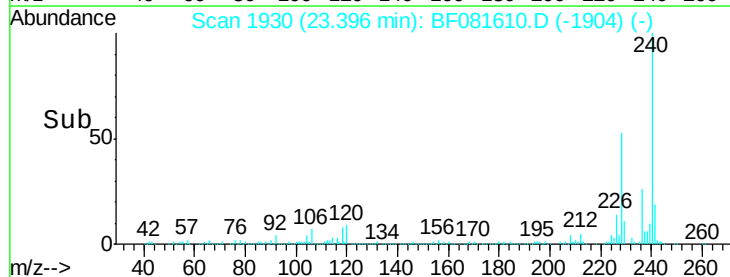
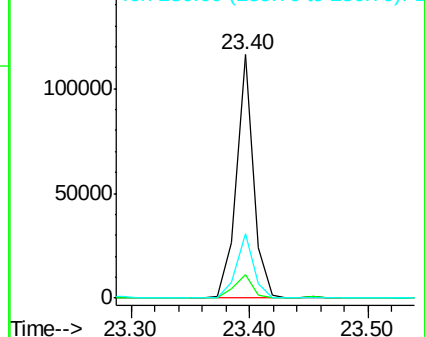
236 26.3 18.4 27.6

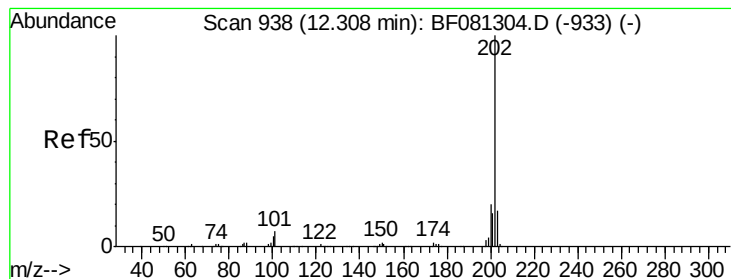


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 57.43 ng

RT: 21.80 min Scan# 1790

Delta R.T. 0.01 min

Lab File: BF081610.D

Acq: 14 Sep 2015 16:24

Instrument :

BNA_F

ClientSampleId :

GP-4(0-5)

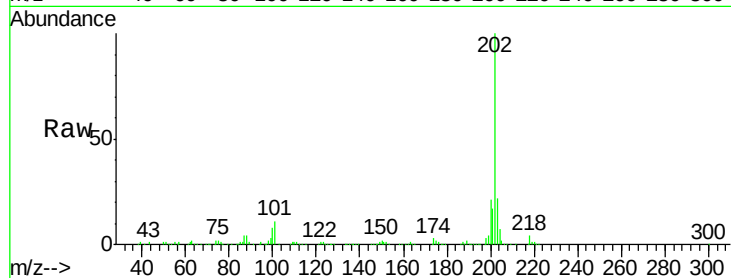
Tgt Ion:202 Resp: 499380

Ion Ratio Lower Upper

202 100

200 20.7 15.0 22.4

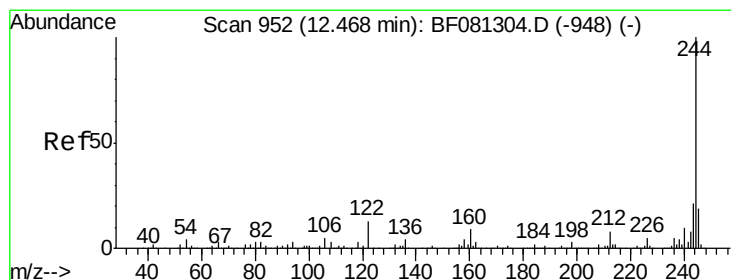
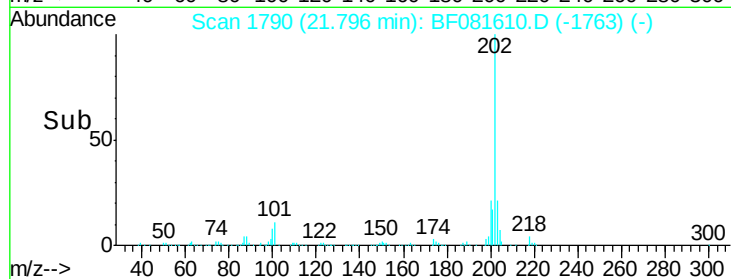
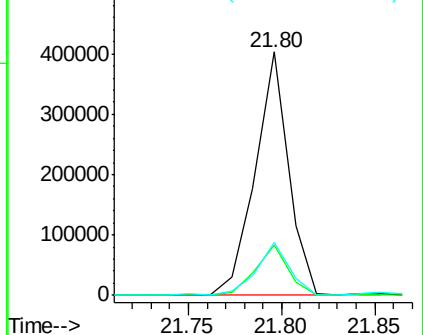
203 21.5 14.1 21.1#



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: 20.26 ng

RT: 22.12 min Scan# 1818

Delta R.T. -0.00 min

Lab File: BF081610.D

Acq: 14 Sep 2015 16:24

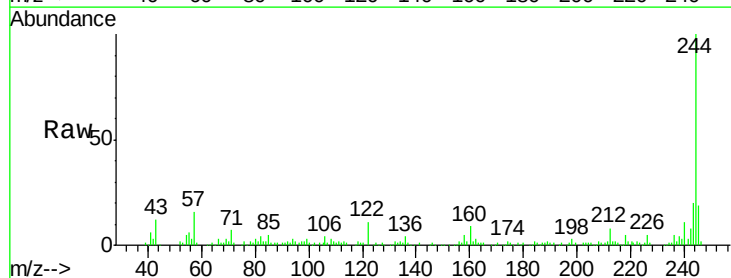
Tgt Ion:244 Resp: 102183

Ion Ratio Lower Upper

244 100

212 8.4 4.3 6.5#

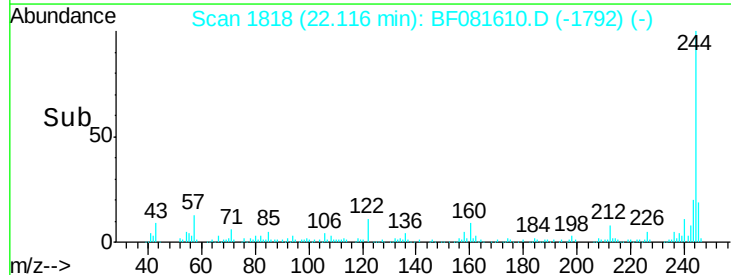
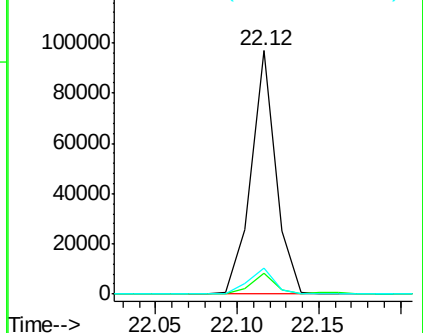
122 10.5 17.4 26.2#

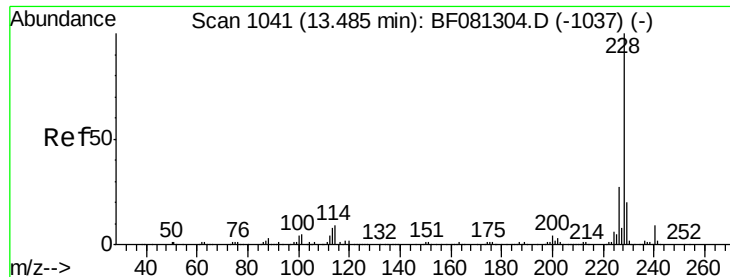


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 26.50 ng

RT: 23.38 min Scan# 1929

Delta R.T. 0.01 min

Lab File: BF081610.D

Acq: 14 Sep 2015 16:24

Instrument :

BNA_F

ClientSampleId :

GP-4(0-5)

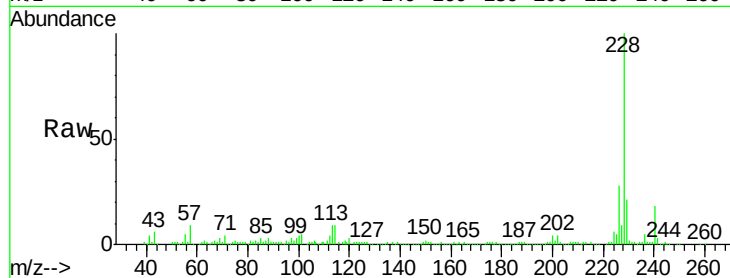
Tgt Ion:228 Resp: 198132

Ion Ratio Lower Upper

228 100

226 27.9 20.0 30.0

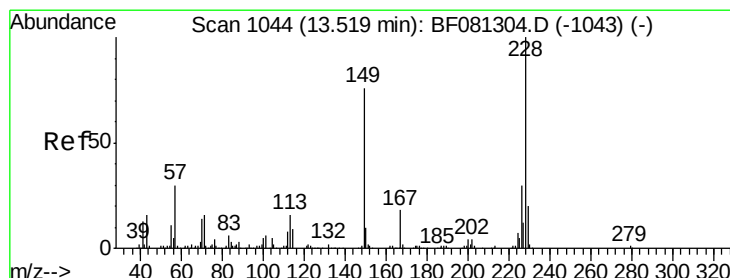
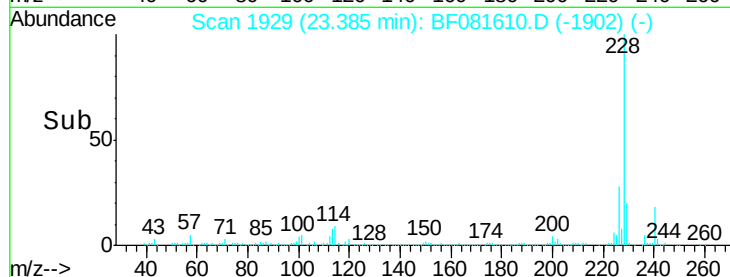
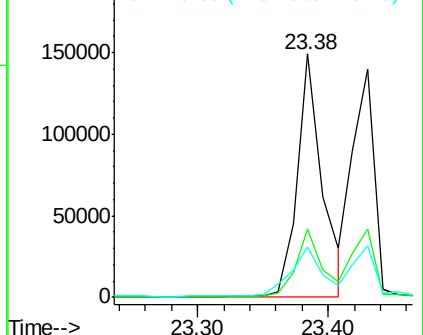
229 20.7 15.4 23.2



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: 24.05 ng

RT: 23.43 min Scan# 1933

Delta R.T. 0.01 min

Lab File: BF081610.D

Acq: 14 Sep 2015 16:24

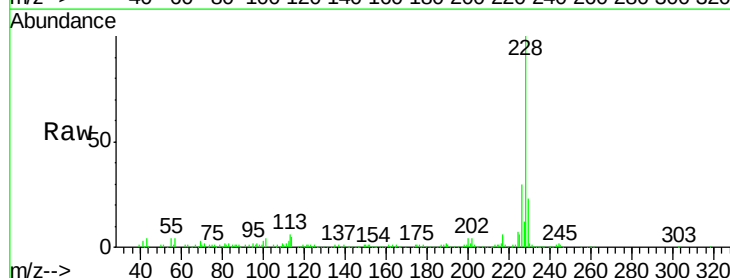
Tgt Ion:228 Resp: 161201

Ion Ratio Lower Upper

228 100

226 30.1 21.0 31.4

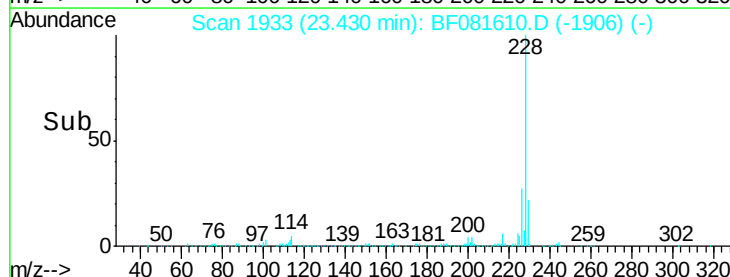
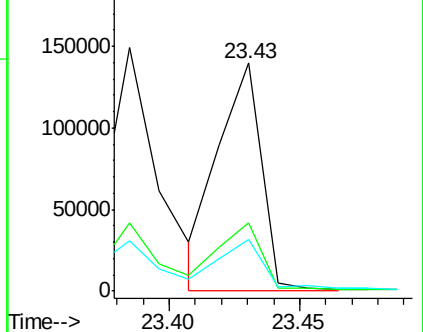
229 22.6 15.6 23.4

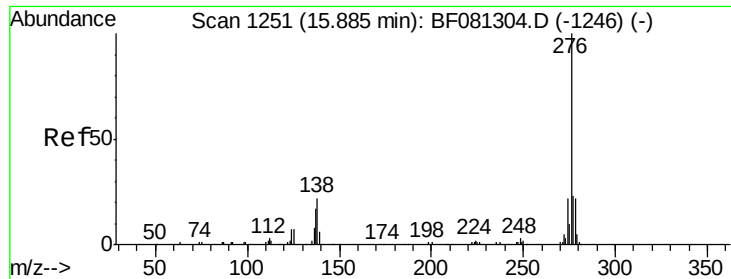


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

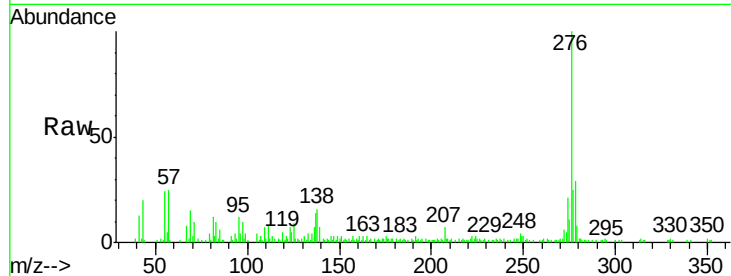




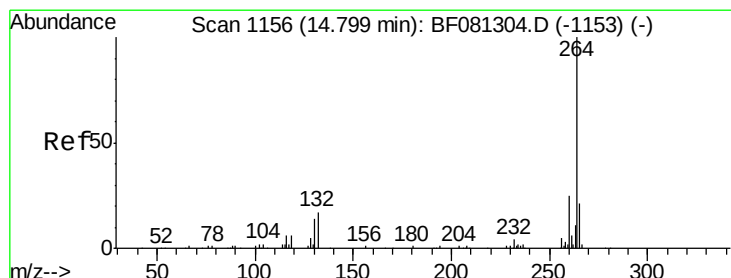
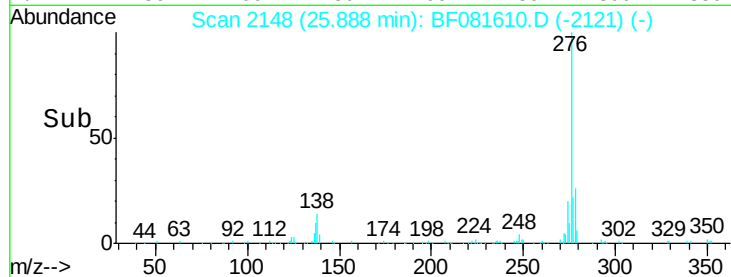
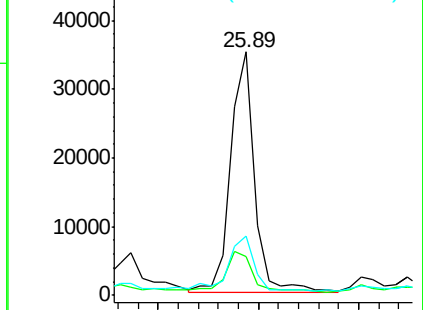
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 11.68 ng
 RT: 25.89 min Scan# 2148
 Delta R.T. 0.01 min
 Lab File: BF081610.D
 Acq: 14 Sep 2015 16:24

Instrument :
 BNA_F
 ClientSampleId :
 GP-4(0-5)

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.4	25.7	38.5#
277	28.0	15.6	23.4#

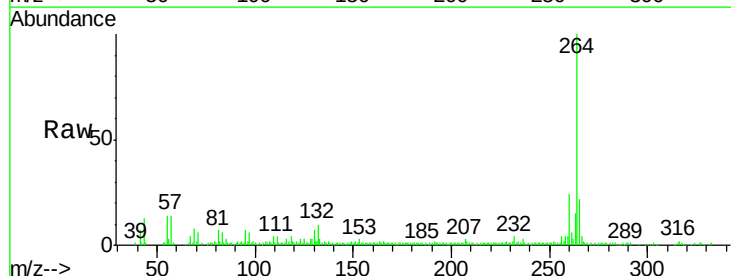


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

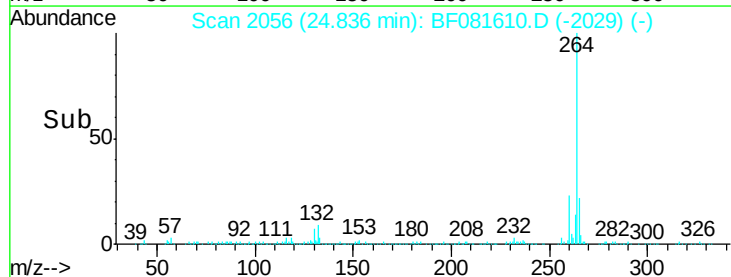
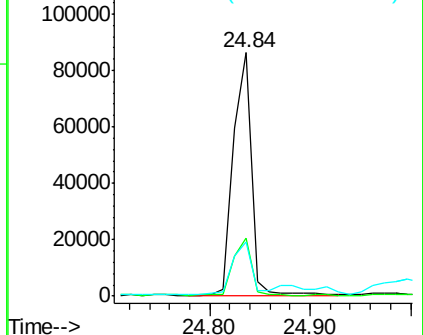


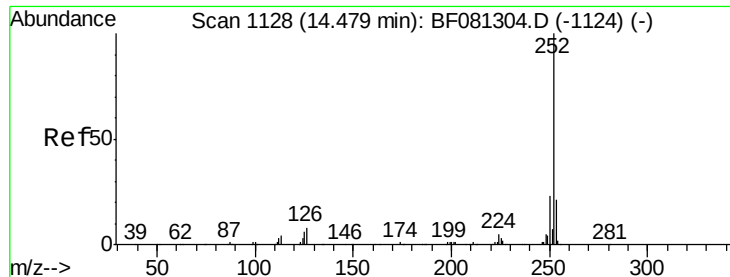
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.84 min Scan# 2056
 Delta R.T. 0.01 min
 Lab File: BF081610.D
 Acq: 14 Sep 2015 16:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	16.7	25.1
265	22.0	17.2	25.8



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: 21.11 ng m

RT: 24.49 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BF081610.D

Acq: 14 Sep 2015 16:24

Instrument :

BNA_F

ClientSampleId :

GP-4(0-5)

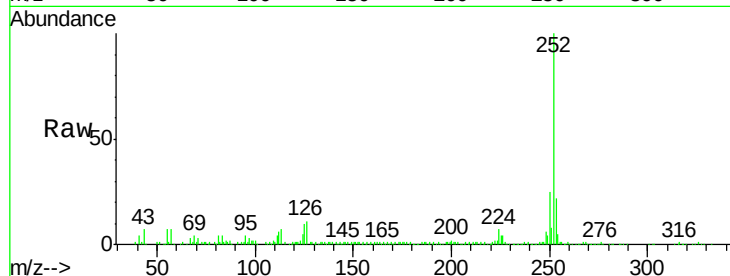
Tgt Ion:252 Resp: 166622

Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

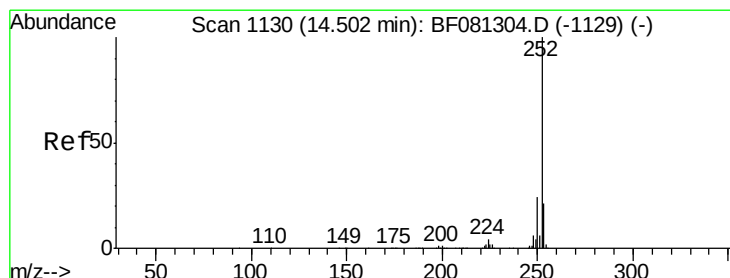
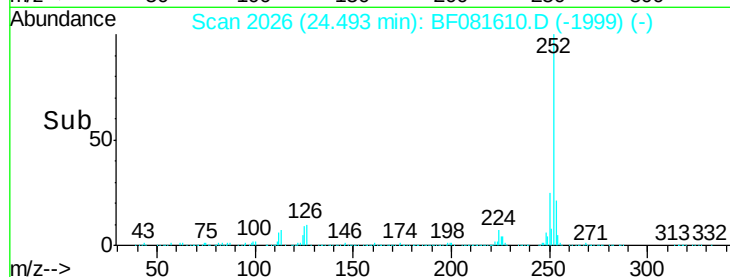
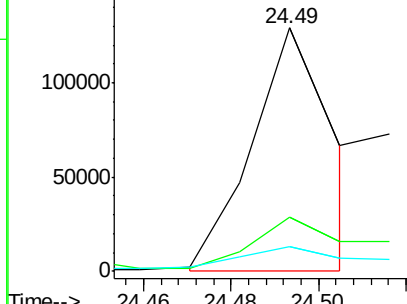
125 10.4 17.1 25.7#



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: 8.60 ng m

RT: 24.52 min Scan# 2028

Delta R.T. 0.01 min

Lab File: BF081610.D

Acq: 14 Sep 2015 16:24

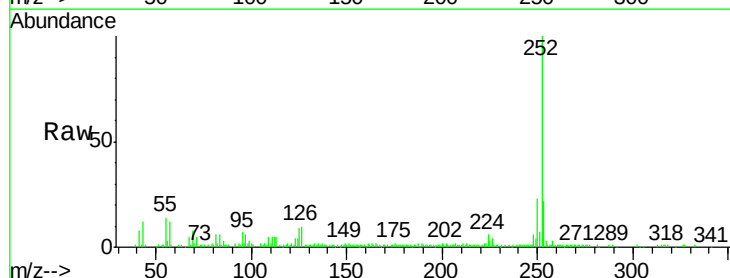
Tgt Ion:252 Resp: 56301

Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.4

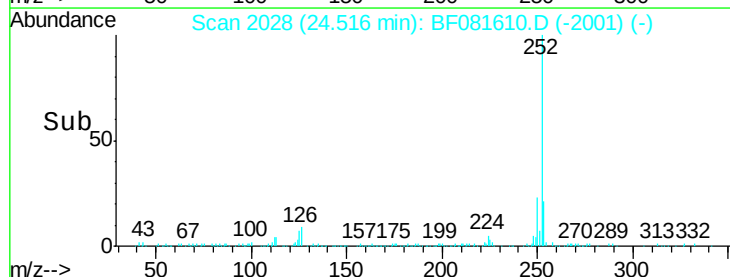
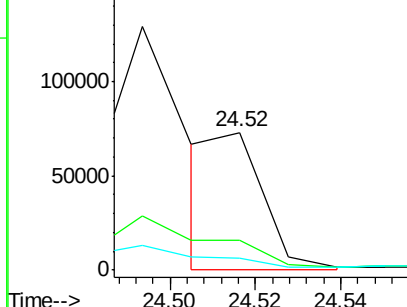
125 8.9 16.0 24.0#

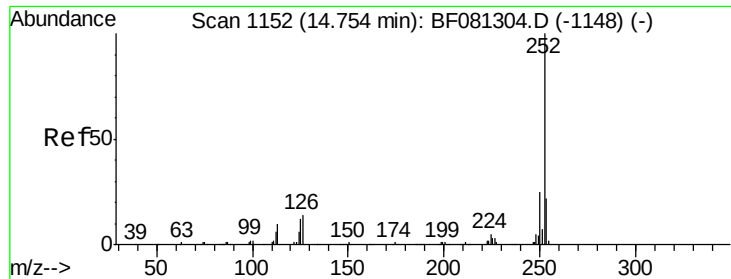


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 19.13 ng

RT: 24.78 min Scan# 2051

Delta R.T. -0.00 min

Lab File: BF081610.D

Acq: 14 Sep 2015 16:24

Instrument :

BNA_F

ClientSampleId :

GP-4(0-5)

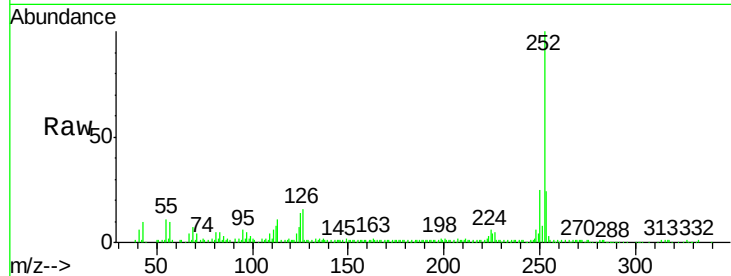
Tgt Ion: 252 Resp: 127962

Ion Ratio Lower Upper

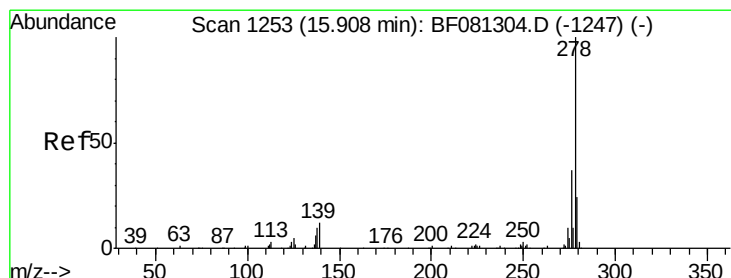
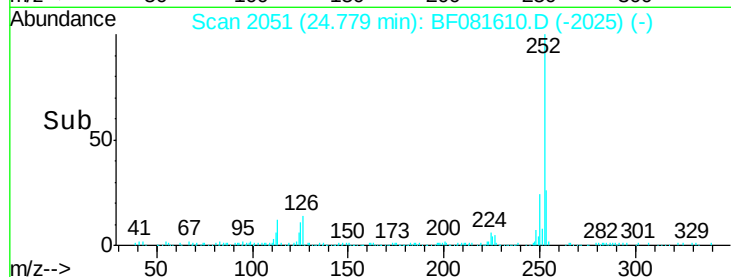
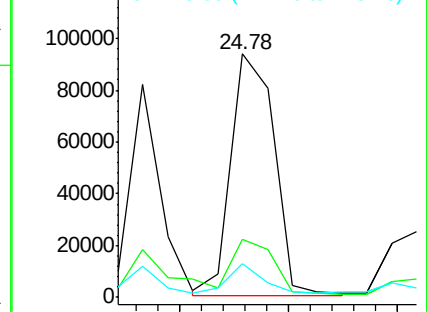
252 100

253 24.1 17.2 25.8

125 13.7 18.0 27.0#



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



#90

Dibenzo(a,h)anthracene

Concen: 2.99 ng m

RT: 25.89 min Scan# 2148

Delta R.T. -0.00 min

Lab File: BF081610.D

Acq: 14 Sep 2015 16:24

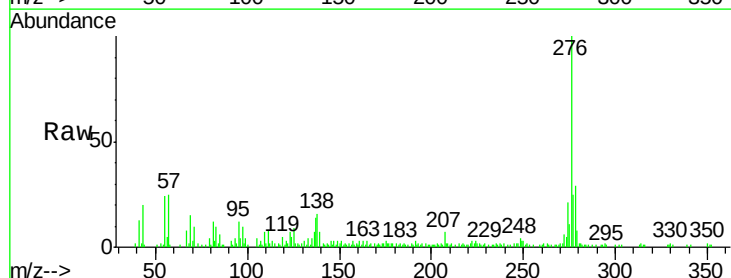
Tgt Ion: 278 Resp: 15477

Ion Ratio Lower Upper

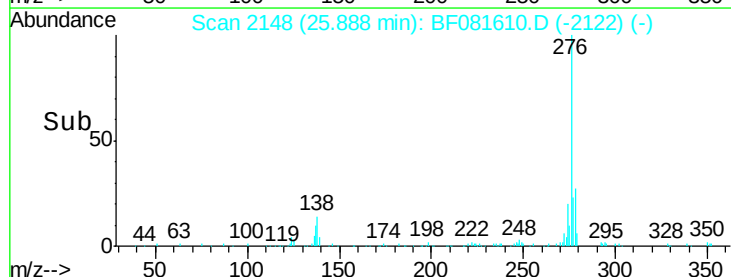
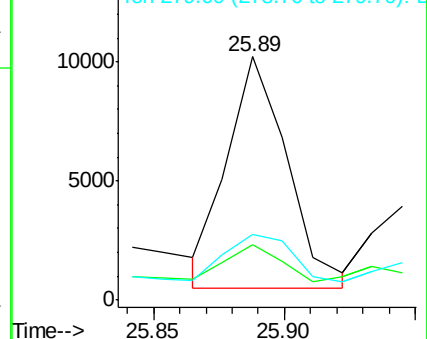
278 100

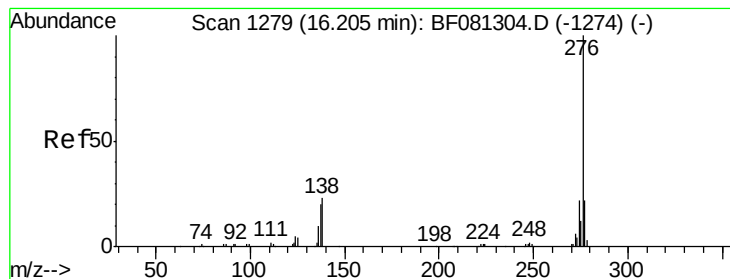
139 22.7 26.3 39.5#

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: 9.90 ng

RT: 26.18 min Scan# 2174

Delta R.T. -0.00 min

Lab File: BF081610.D

Acq: 14 Sep 2015 16:24

Instrument :

BNA_F

ClientSampleId :

GP-4(0-5)

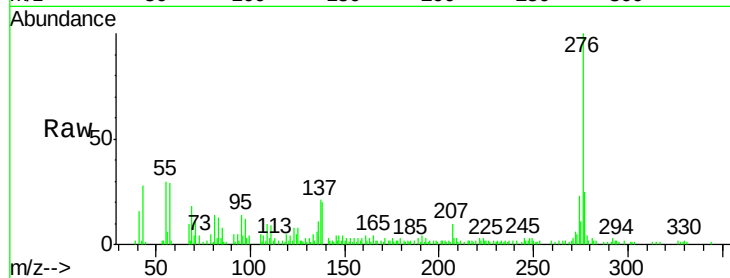
Tgt Ion: 276 Resp: 48812

Ion Ratio Lower Upper

276 100

277 25.1 17.8 26.6

138 19.5 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

