

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 01:31:29 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

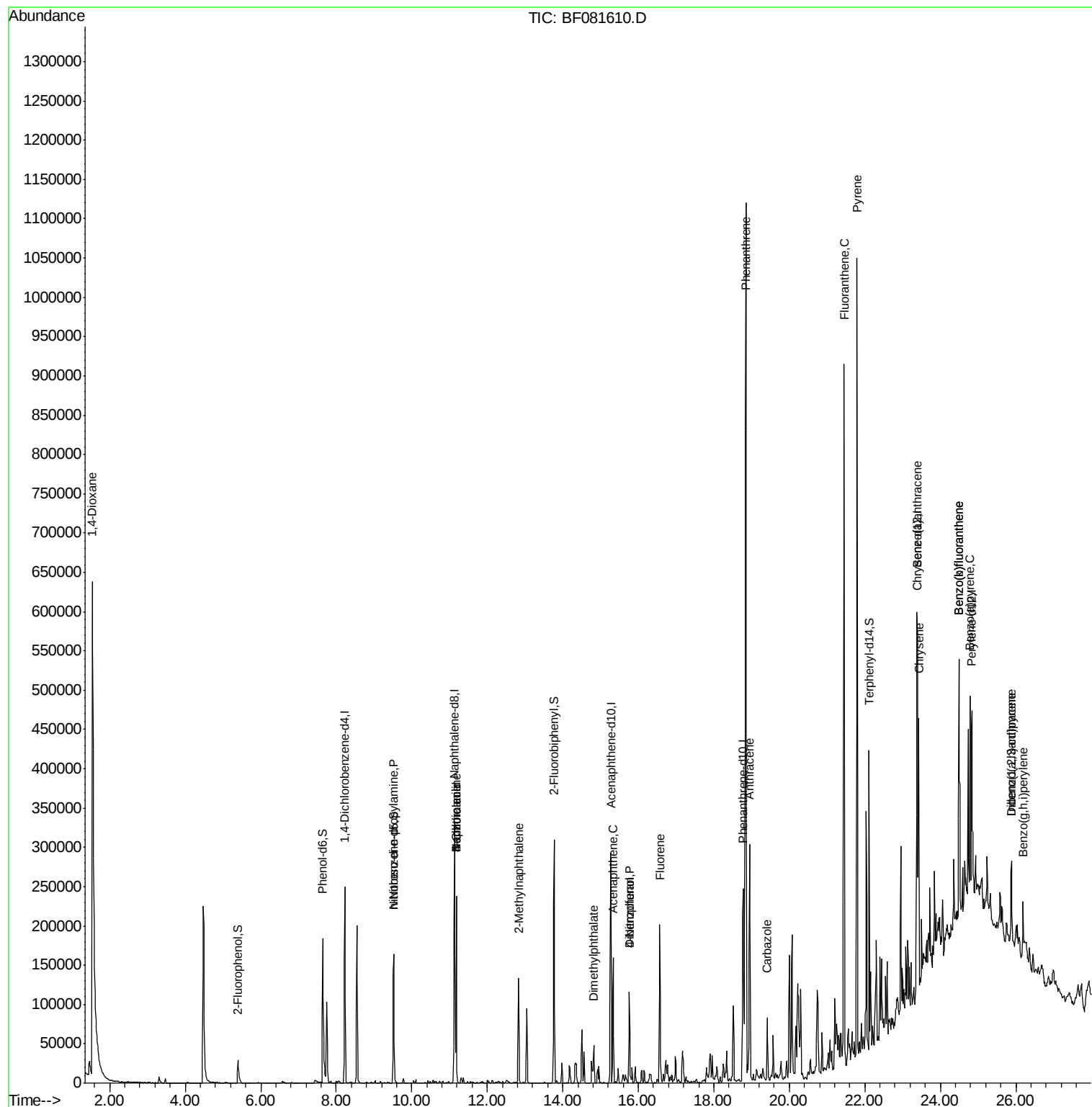
Target Compounds						Qvalue
2) 1,4-Dioxane	1.54	88	36204	21.22	ng	# 11
19) n-Nitroso-di-n-propylamine	9.52	70	12188	3.56	ng	# 66
31) Naphthalene	11.18	128	166282	12.79	ng	99
32) Benzoic acid	11.18	122	227	2.62	ng	# 1
33) 4-Chloroaniline	11.18	127	19867	3.75	ng	# 33
37) 2-Methylnaphthalene	12.84	142	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
55) 4-Nitrophenol	15.76	139	32071	22.72	ng	# 27
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	223642	28.33	ng	# 88
88) Benzo(k)fluoranthene	24.49	252	223642	34.15	ng	# 89
89) Benzo(a)pyrene	24.78	252	127962	19.13	ng	# 88
90) Dibenzo(a,h)anthracene	25.89	278	21204	4.10	ng	# 86
91) Benzo(g,h,i)perylene	26.18	276	48812	9.90	ng	# 74

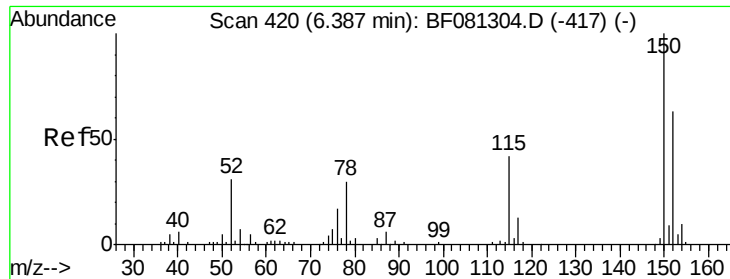
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Sep 14 13:51:56 2015
Response via : Initial Calibration





#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)

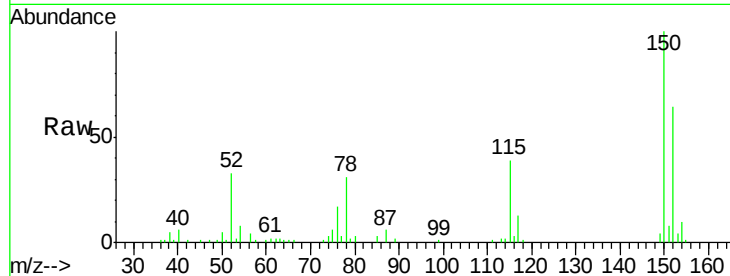
Tgt Ion:152 Resp: 58936

Ion Ratio Lower Upper

152 100

150 157.4 124.7 187.1

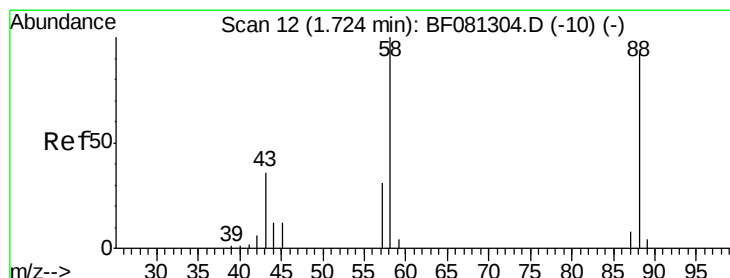
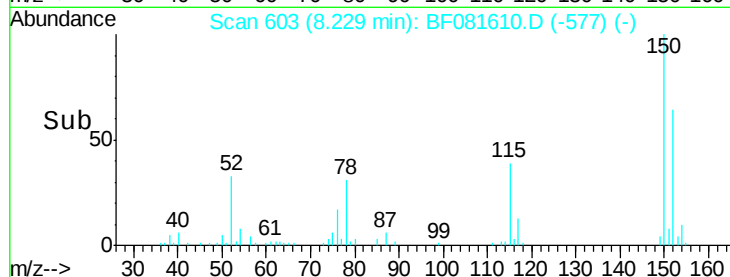
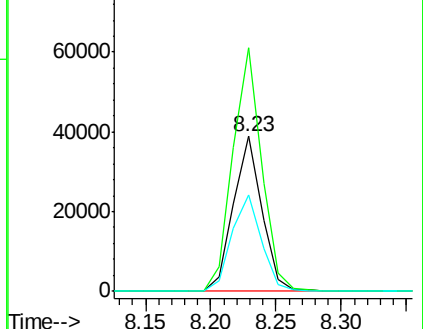
115 62.0 39.0 58.4#



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



#2

1,4-Dioxane

Concen: 21.22 ng

RT: 1.54 min Scan# 18

Delta R.T. -0.02 min

Lab File: BF081610.D

Acq: 14 Sep 2015 16:24

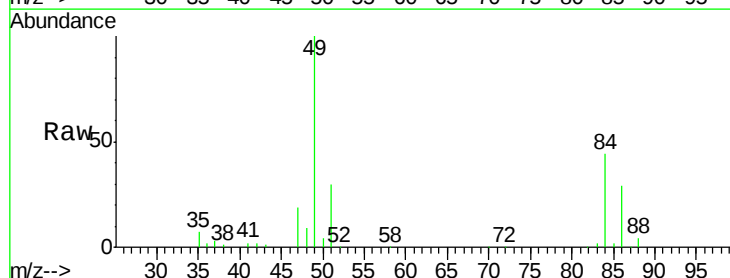
Tgt Ion: 88 Resp: 36204

Ion Ratio Lower Upper

88 100

58 0.0 77.7 116.5#

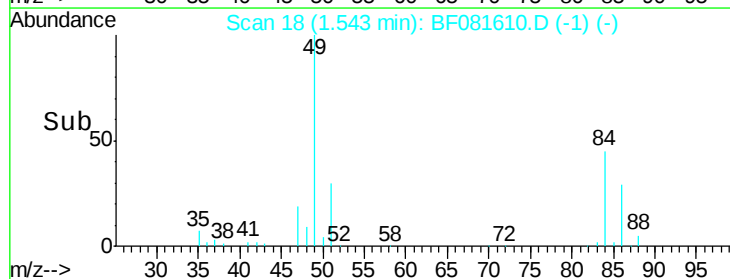
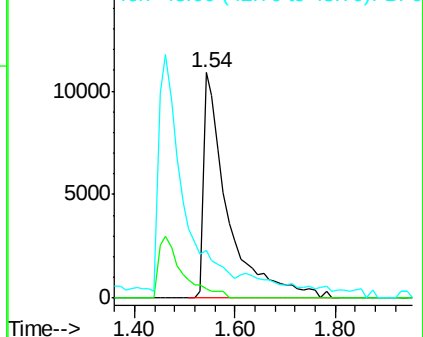
43 0.0 26.6 40.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

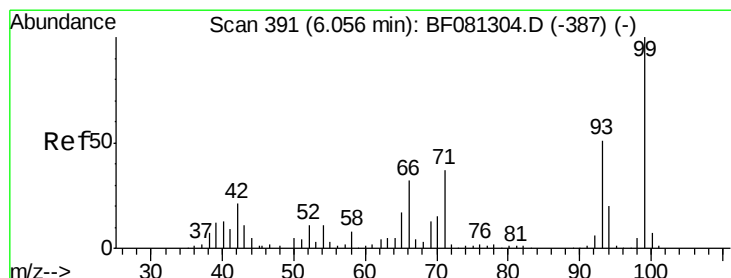
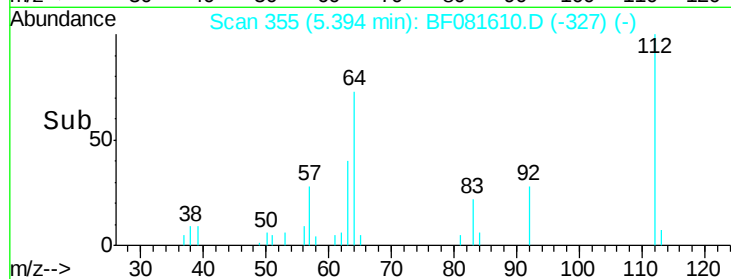
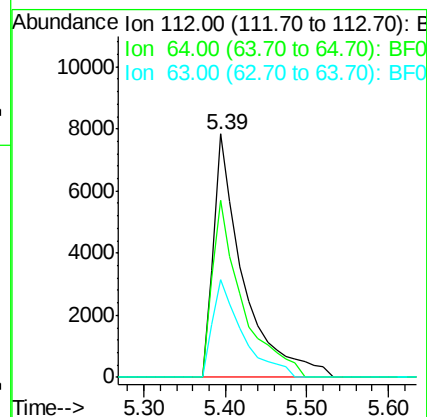
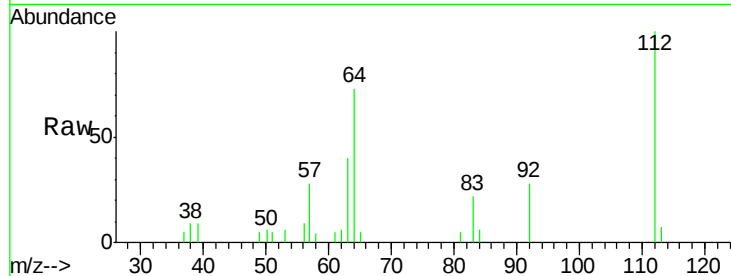




#5
 2-Fluorophenol
 Concen: 5.26 ng
 RT: 5.39 min Scan# 355
 Delta R.T. 0.02 min
 Lab File: BF081610.D
 Acq: 14 Sep 2015 16:24

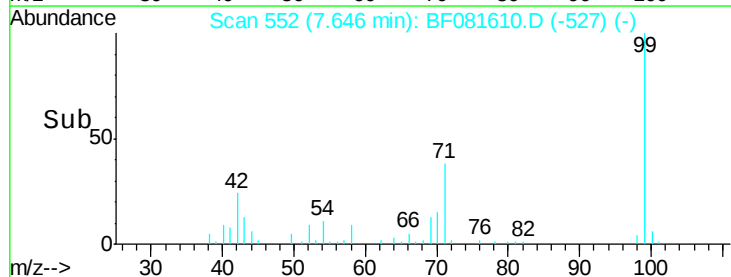
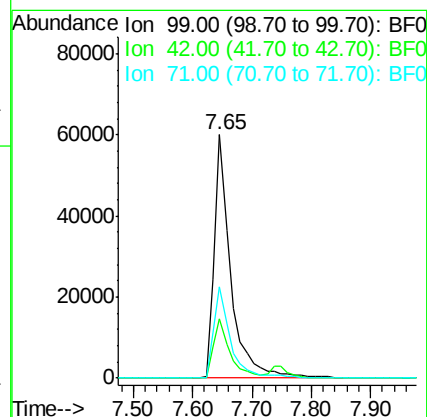
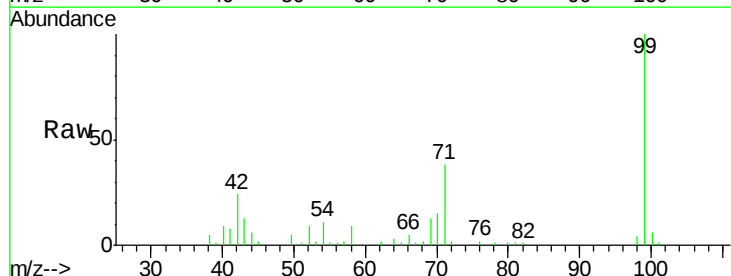
Instrument :
 BNA_F
 ClientSampleId :
 GP-4(0-5)

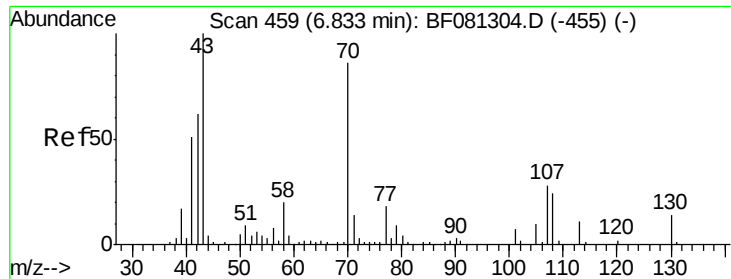
Tgt Ion: 112 Resp: 19971
 Ion Ratio Lower Upper
 112 100
 64 73.0 39.7 59.5#
 63 39.9 17.4 26.0#



#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

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#

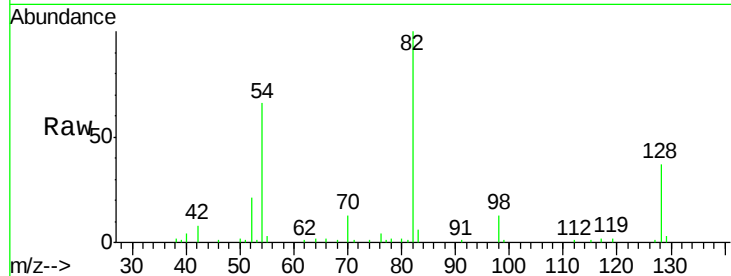




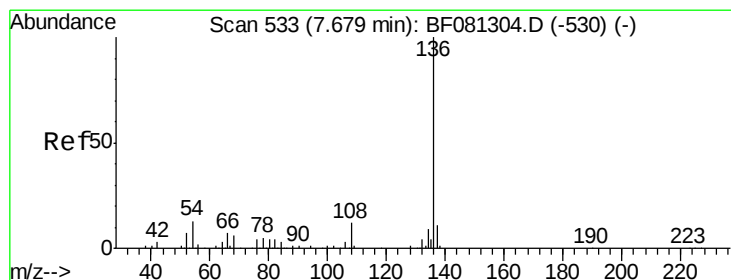
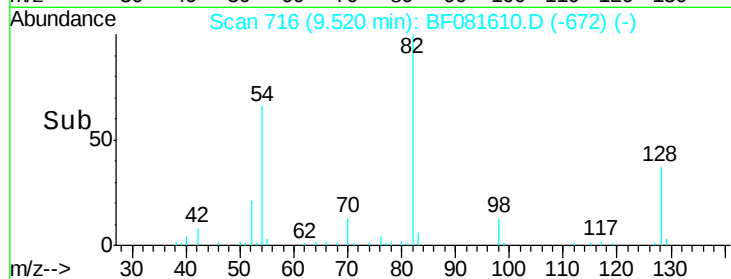
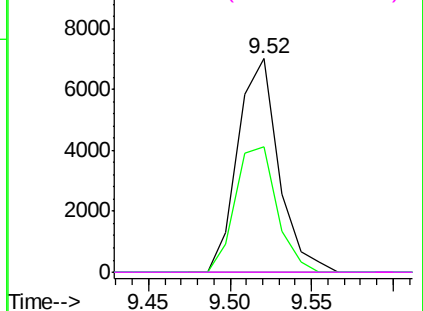
#19
n-Nitroso-di-n-propylamine
Concen: 3.56 ng
RT: 9.52 min Scan# 716
Delta R.T. 0.21 min
Lab File: BF081610.D
Acq: 14 Sep 2015 16:24

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

Tgt Ion: 70 Resp: 12188
Ion Ratio Lower Upper
70 100
42 58.5 63.8 95.6#
101 0.0 9.2 13.8#
130 0.0 27.3 40.9#

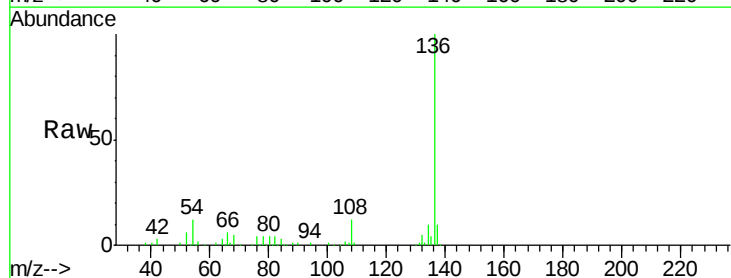


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

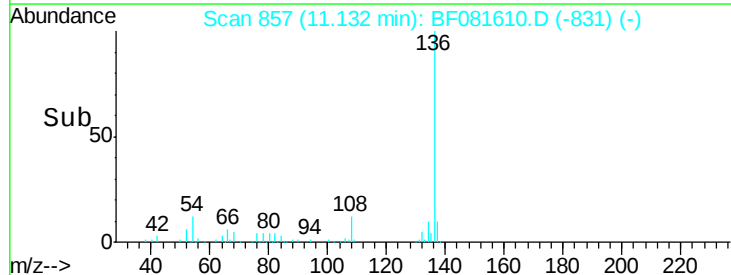
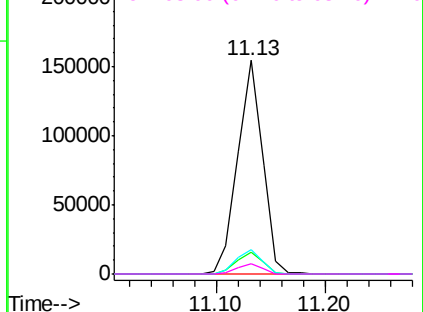


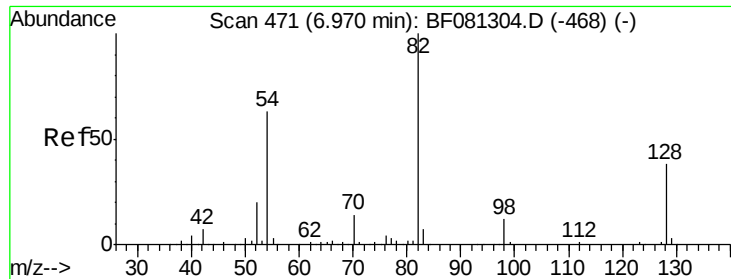
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.13 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF081610.D
Acq: 14 Sep 2015 16:24

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

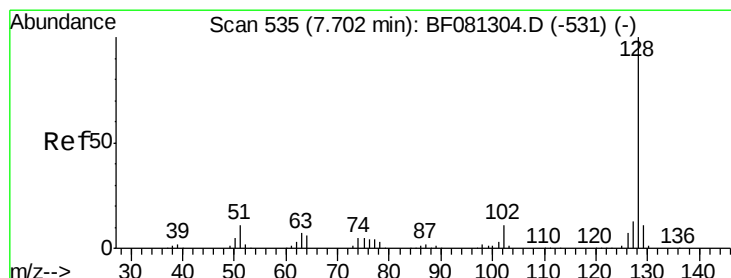
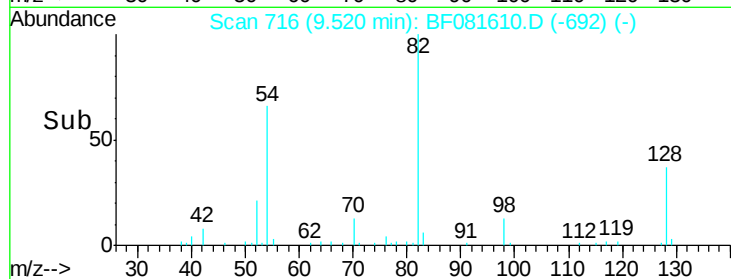
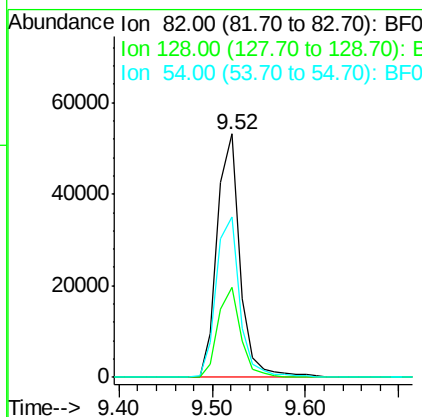
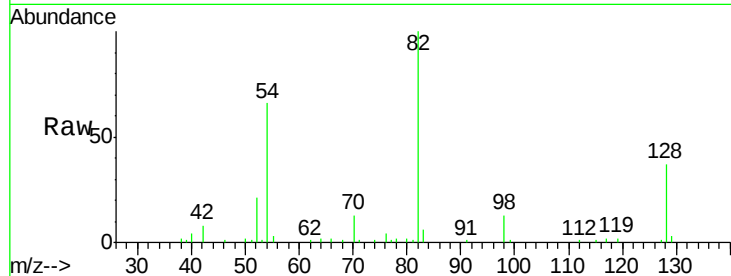




#23
 Nitrobenzene-d5
 Concen: 17.89 ng
 RT: 9.52 min Scan# 716
 Delta R.T. -0.02 min
 Lab File: BF081610.D
 Acq: 14 Sep 2015 16:24

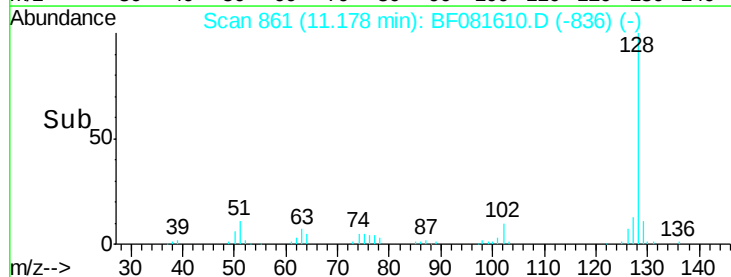
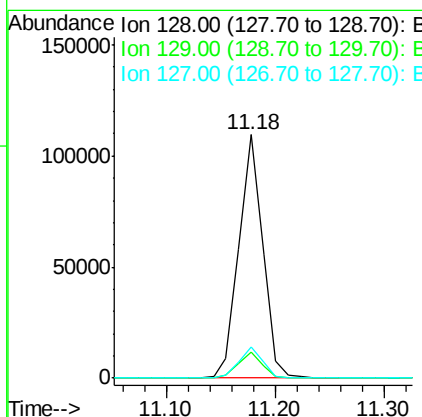
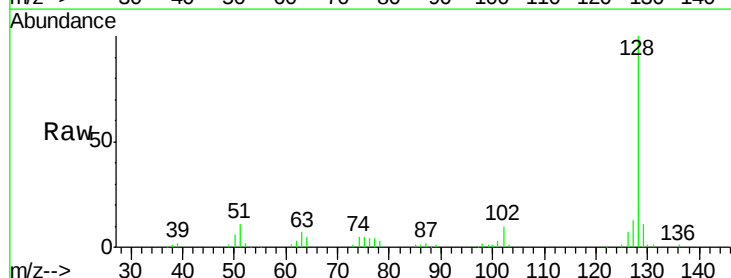
Instrument :
 BNA_F
 ClientSampleId :
 GP-4(0-5)

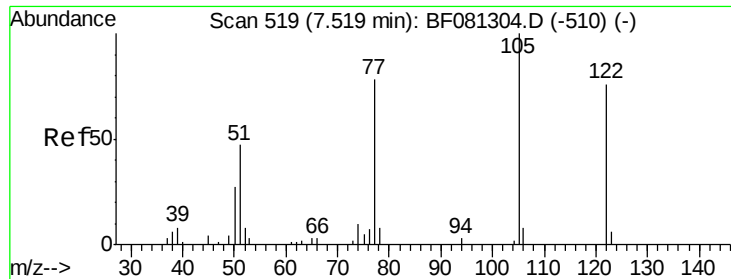
Tgt Ion: 82 Resp: 90383
 Ion Ratio Lower Upper
 82 100
 128 37.1 51.0 76.6#
 54 65.8 47.5 71.3



#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





#32

Benzoic acid

Concen: 2.62 ng

RT: 11.18 min Scan# 861

Delta R.T. 0.08 min

Lab File: BF081610.D

Acq: 14 Sep 2015 16:24

Instrument :

BNA_F

ClientSampleId :

GP-4(0-5)

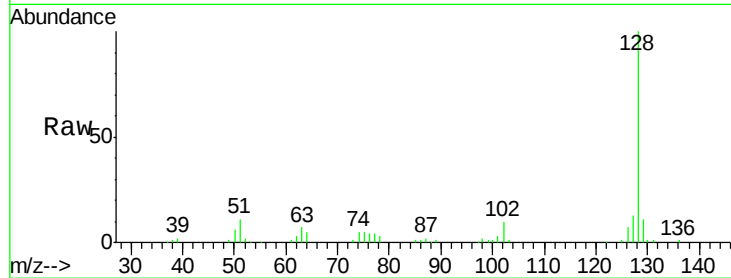
Tgt Ion:122 Resp: 227

Ion Ratio Lower Upper

122 100

105 0.0 76.1 116.1#

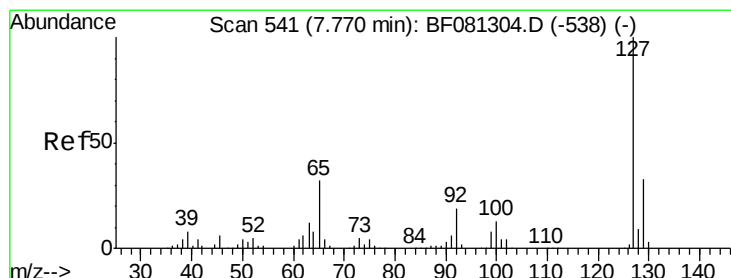
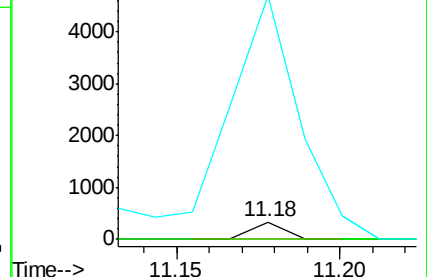
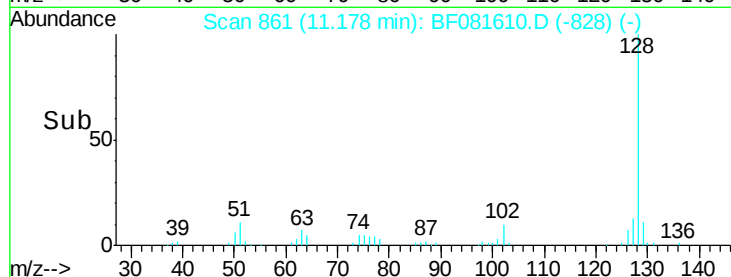
77 1418.1 40.5 80.5#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#33

4-Chloroaniline

Concen: 3.75 ng

RT: 11.18 min Scan# 861

Delta R.T. -0.25 min

Lab File: BF081610.D

Acq: 14 Sep 2015 16:24

Tgt Ion:127 Resp: 19867

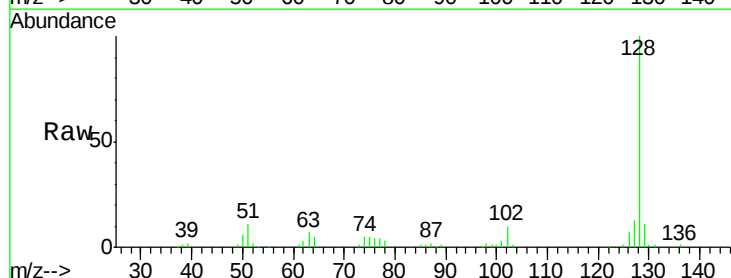
Ion Ratio Lower Upper

127 100

129 85.1 25.8 38.6#

65 0.0 17.9 26.9#

92 0.0 10.5 15.7#

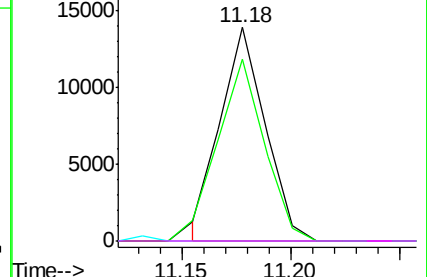
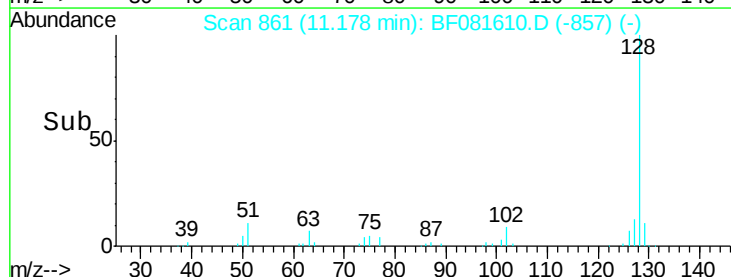


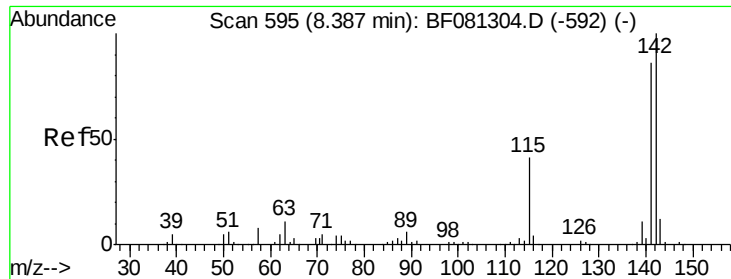
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

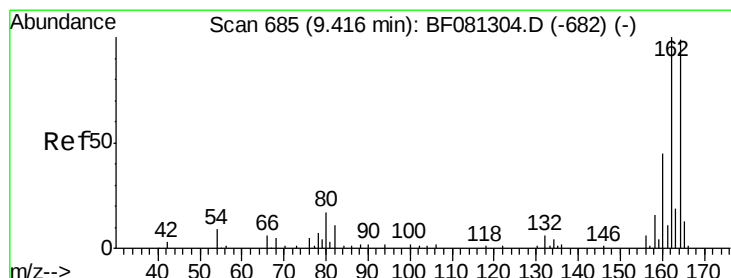
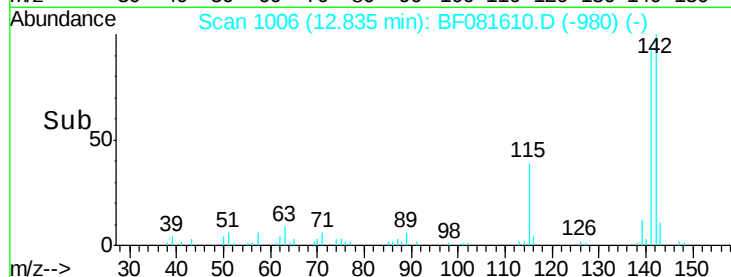
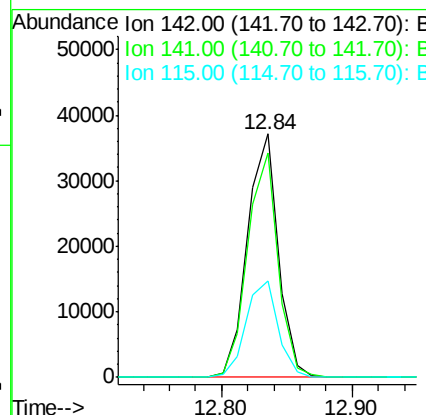
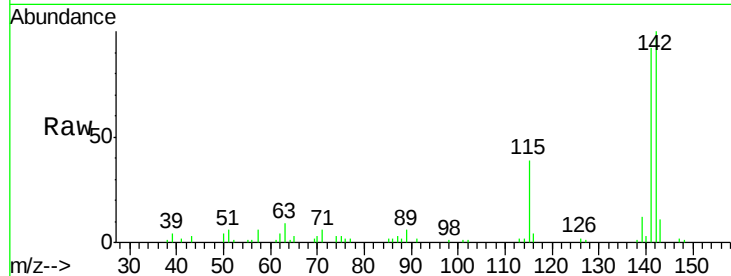




#37
2-Methylnaphthalene
Concen: 7.22 ng
RT: 12.84 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BF081610.D
Acq: 14 Sep 2015 16:24

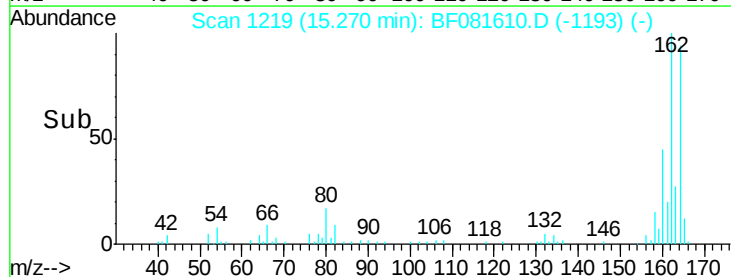
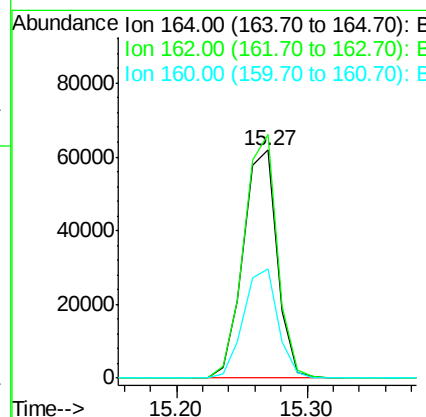
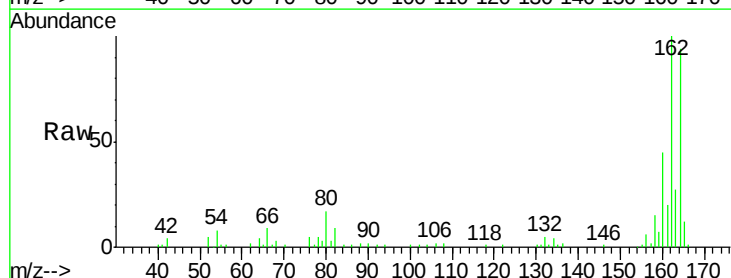
Instrument :
BNA_F
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GP-4(0-5)

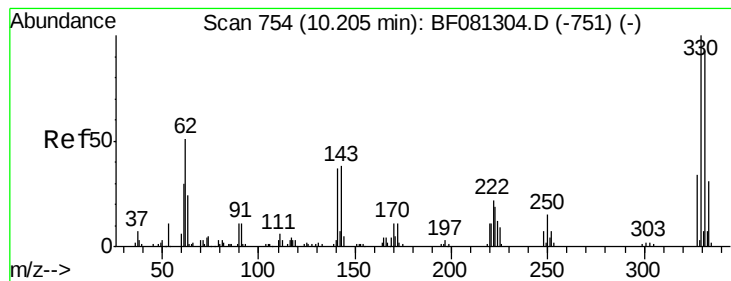
Tgt Ion:142 Resp: 61075
Ion Ratio Lower Upper
142 100
141 92.0 67.5 101.3
115 39.5 18.2 27.2#



#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#





#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)

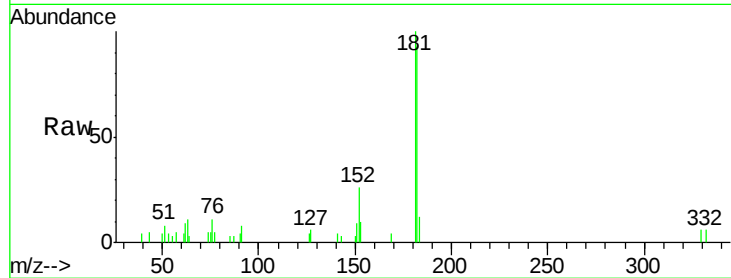
Tgt Ion:330 Resp: 917

Ion Ratio Lower Upper

330 100

332 83.3 76.6 114.8

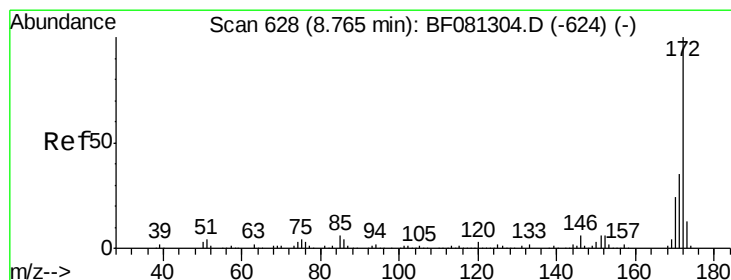
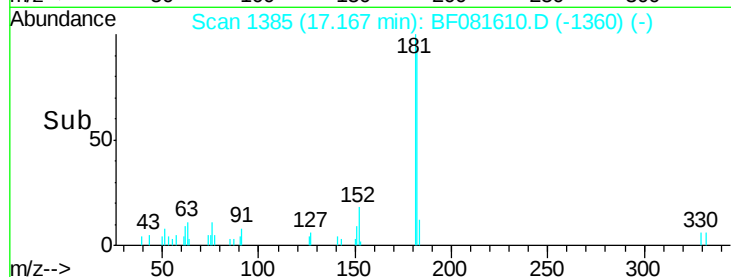
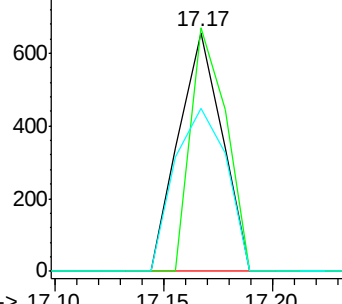
141 81.5 29.7 44.5#



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: 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

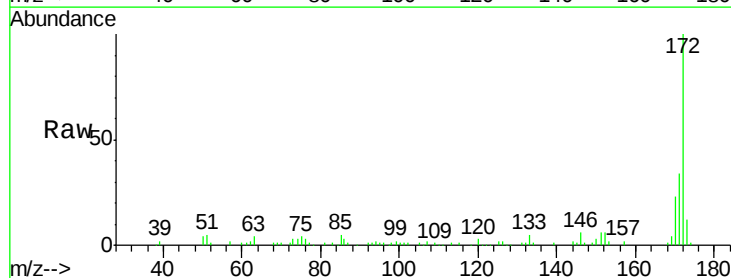
Tgt Ion:172 Resp: 164561

Ion Ratio Lower Upper

172 100

171 34.2 26.1 39.1

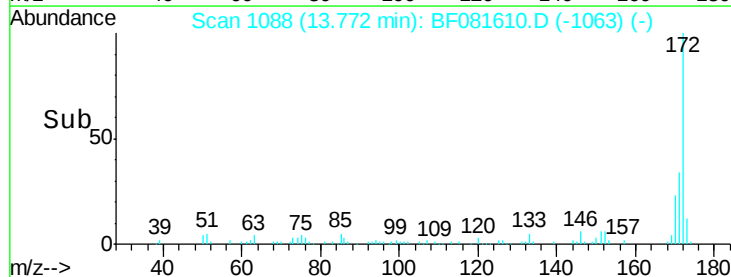
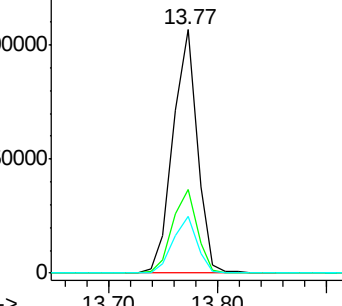
170 23.4 17.4 26.2

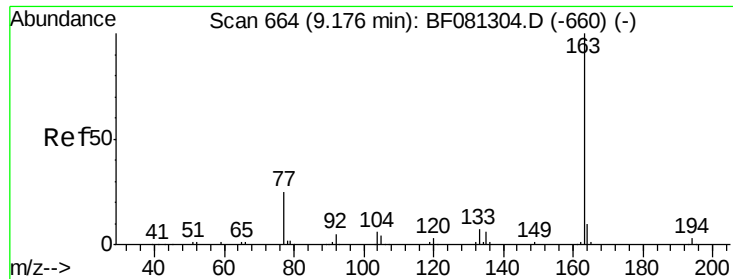


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#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)

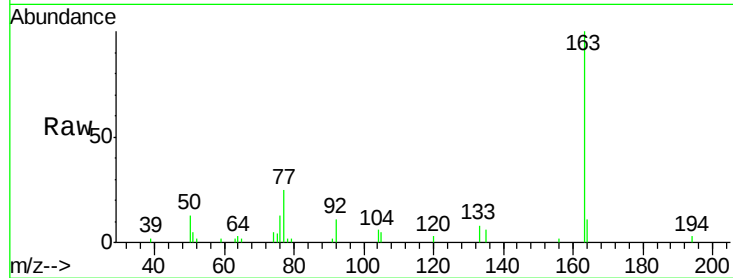
Tgt Ion:163 Resp: 32209

Ion Ratio Lower Upper

163 100

194 2.9 4.4 6.6#

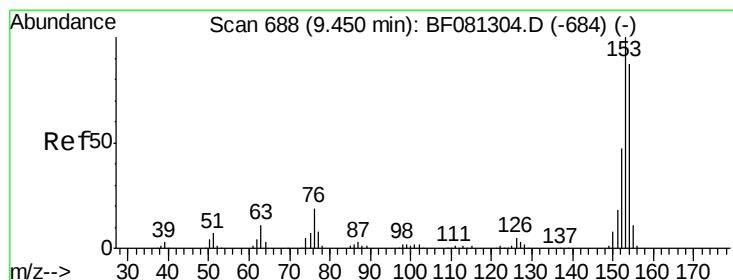
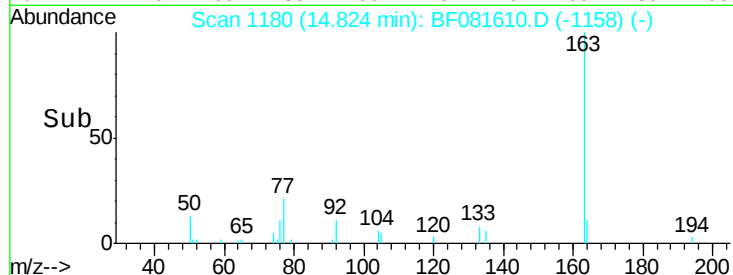
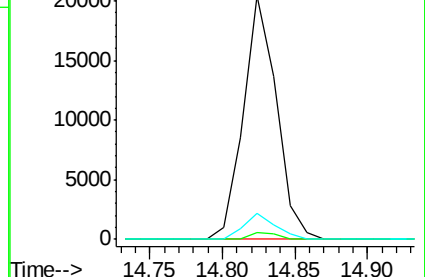
164 10.6 8.3 12.5



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

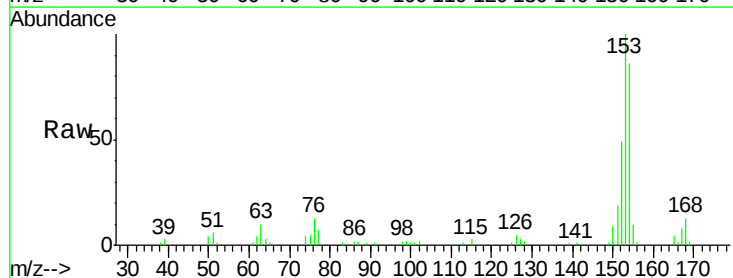
Tgt Ion:154 Resp: 52159

Ion Ratio Lower Upper

154 100

153 116.0 82.1 123.1

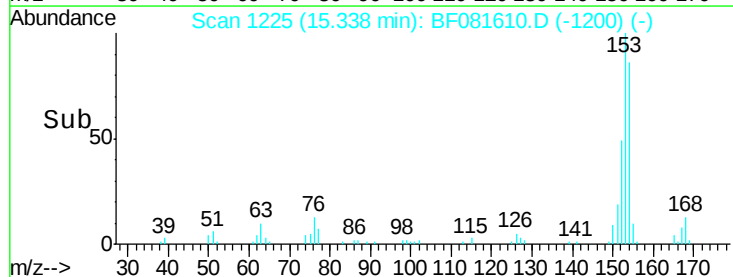
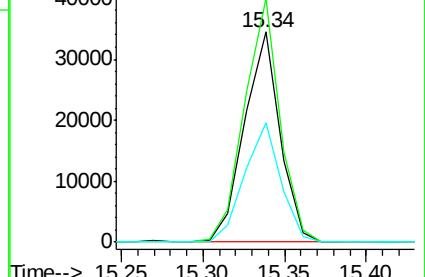
152 56.7 37.9 56.9

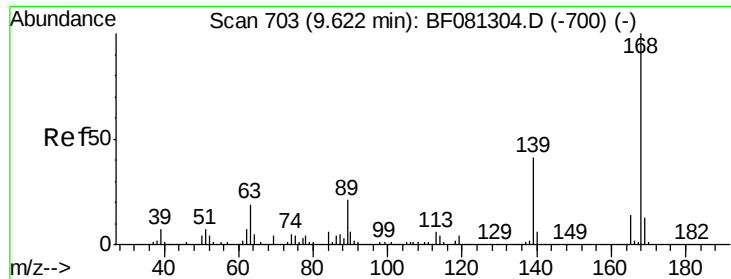


Abundance Ion 154.00 (153.70 to 154.70): E

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)

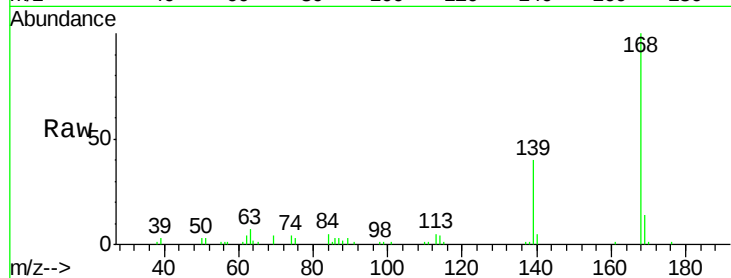
Tgt Ion:168 Resp: 76356

Ion Ratio Lower Upper

168 100

139 40.1 24.2 36.2#

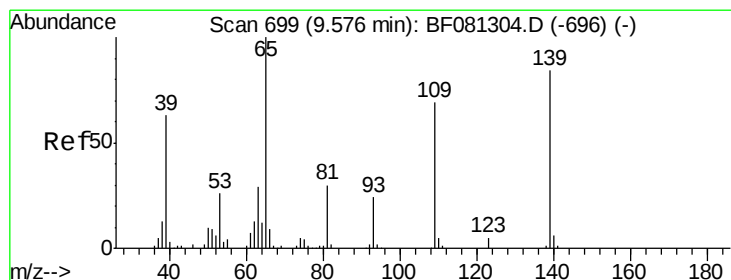
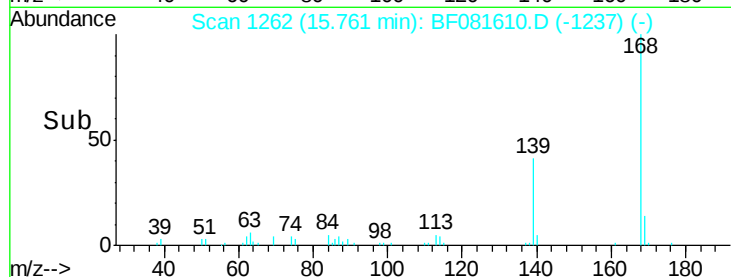
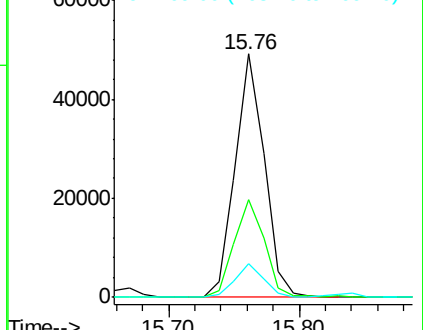
169 14.0 10.6 15.8



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



#55

4-Nitrophenol

Concen: 22.72 ng

RT: 15.76 min Scan# 1262

Delta R.T. -0.17 min

Lab File: BF081610.D

Acq: 14 Sep 2015 16:24

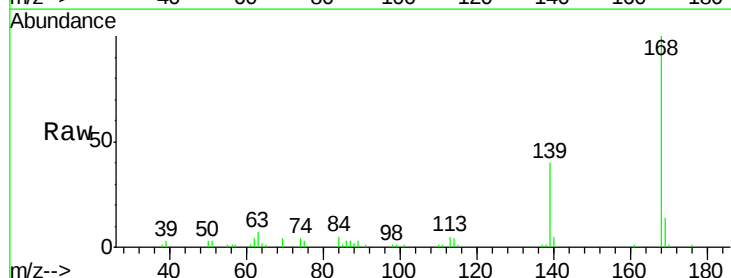
Tgt Ion:139 Resp: 32071

Ion Ratio Lower Upper

139 100

109 0.0 12.7 52.7#

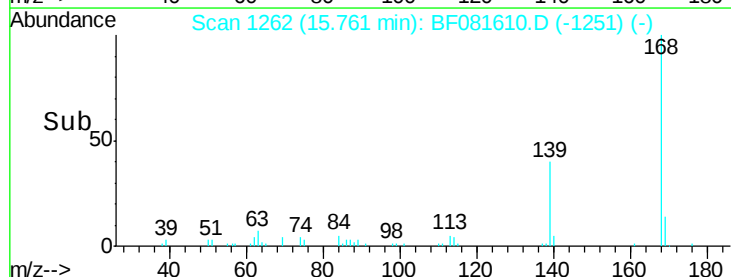
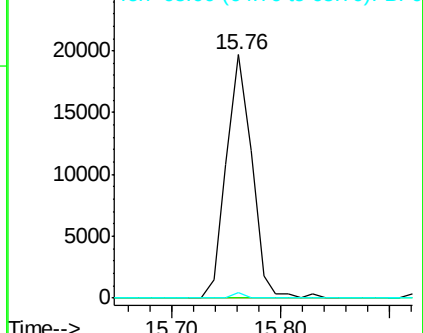
65 2.5 45.9 85.9#

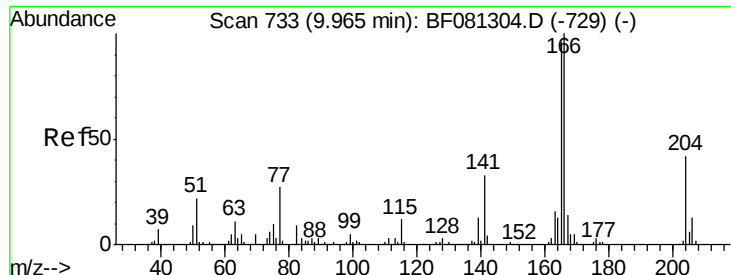


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#57

Fluorene

Concen: 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

Instrument :

BNA_F

ClientSampleId :

GP-4(0-5)

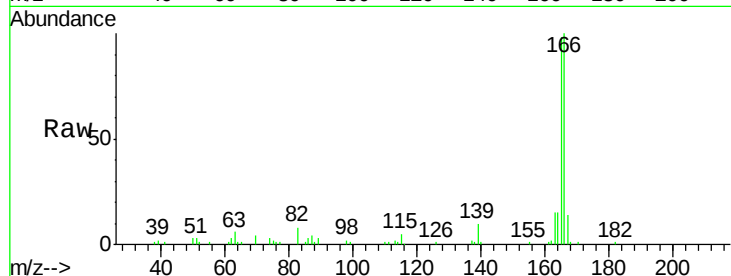
Tgt Ion:166 Resp: 95157

Ion Ratio Lower Upper

166 100

165 97.7 72.6 109.0

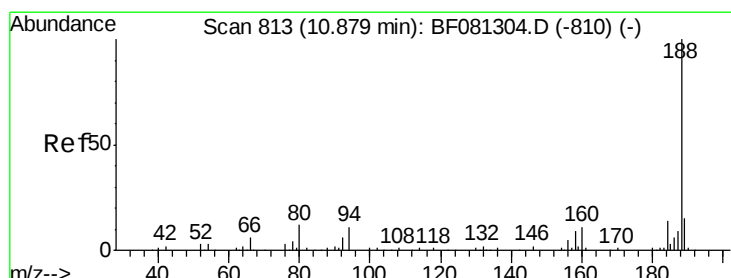
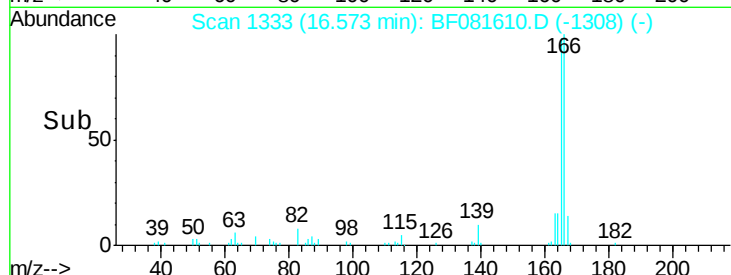
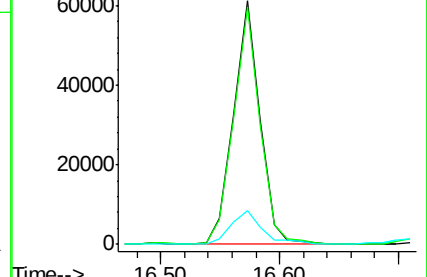
167 13.6 10.6 16.0



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

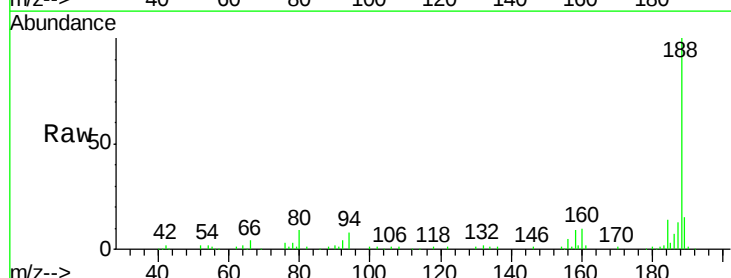
Tgt Ion:188 Resp: 203616

Ion Ratio Lower Upper

188 100

94 7.5 11.1 16.7#

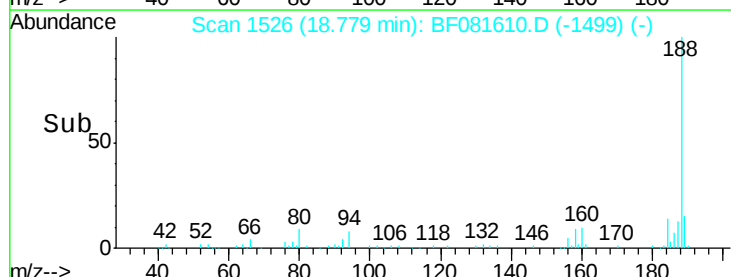
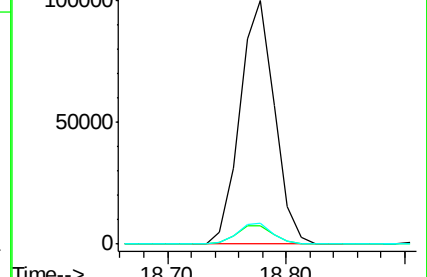
80 8.7 11.0 16.4#

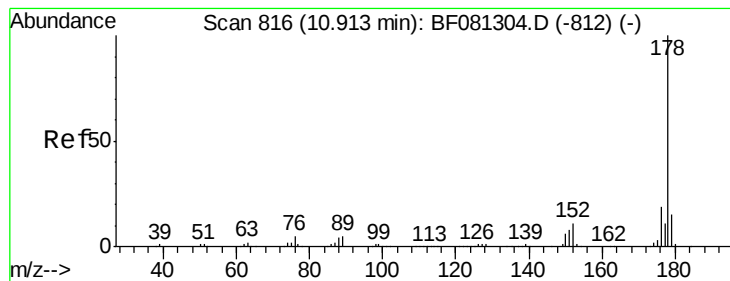


Abundance Ion 188.00 (187.70 to 188.70): E

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

Instrument :

BNA_F

ClientSampleId :

GP-4(0-5)

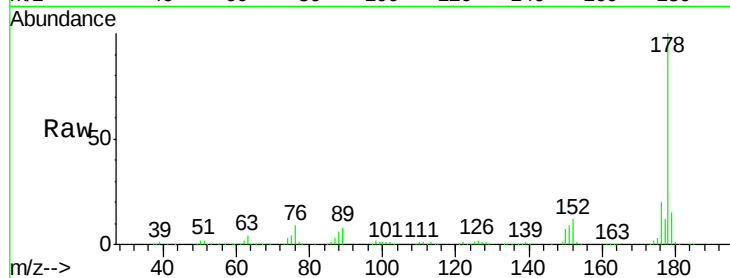
Tgt Ion:178 Resp: 824302

Ion Ratio Lower Upper

178 100

176 20.2 13.8 20.8

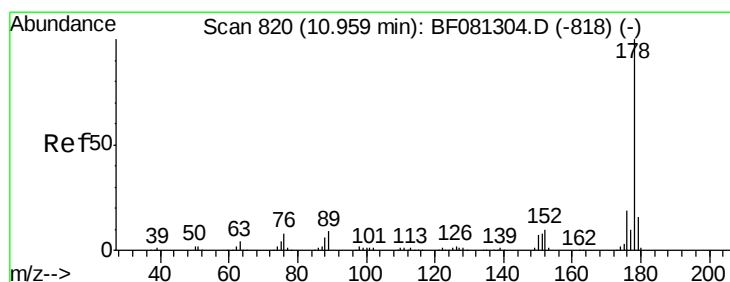
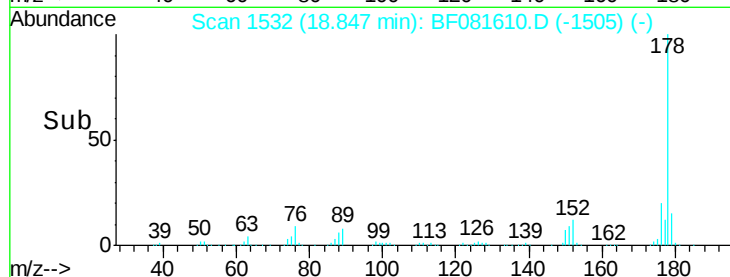
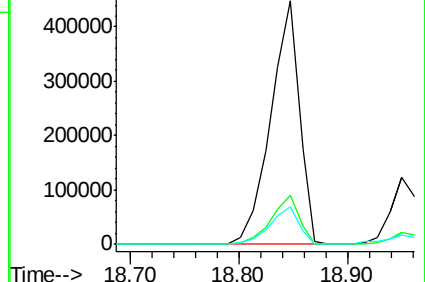
179 15.2 12.2 18.2



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

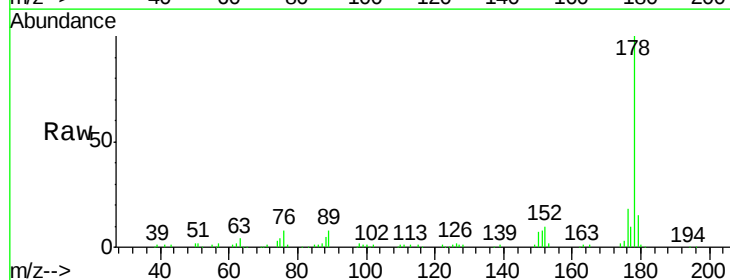
Tgt Ion:178 Resp: 206803

Ion Ratio Lower Upper

178 100

176 17.9 14.1 21.1

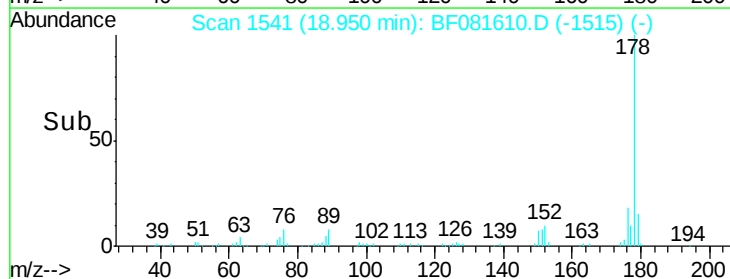
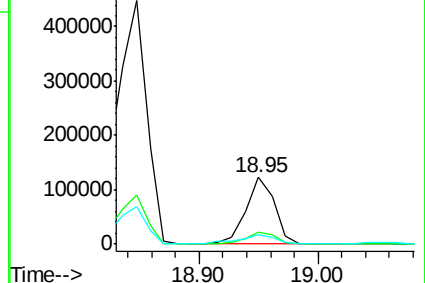
179 14.8 12.2 18.2

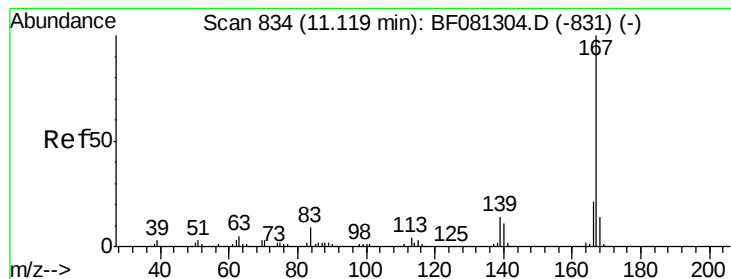


Abundance Ion 178.00 (177.70 to 178.70): E

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

Instrument :

BNA_F

ClientSampleId :

GP-4(0-5)

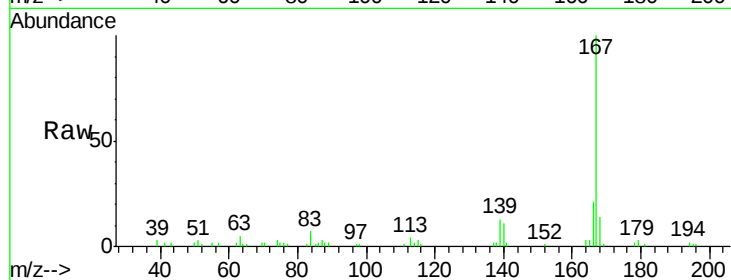
Tgt Ion:167 Resp: 56421

Ion Ratio Lower Upper

167 100

166 21.5 15.7 23.5

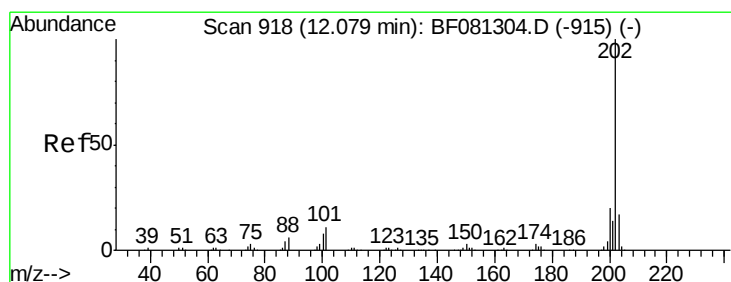
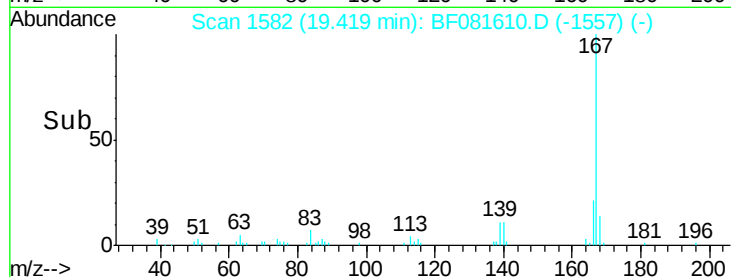
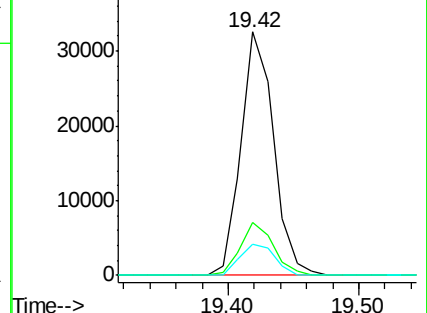
139 13.0 9.5 14.3



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

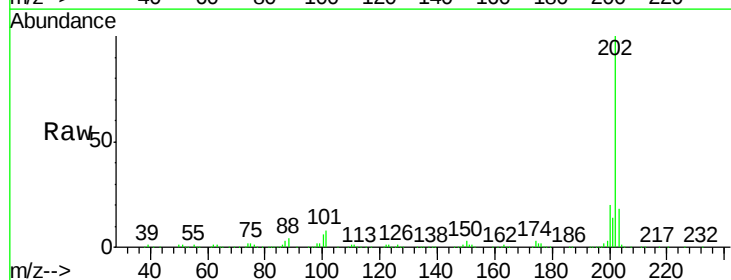
Tgt Ion:202 Resp: 558438

Ion Ratio Lower Upper

202 100

101 8.3 0.0 38.3

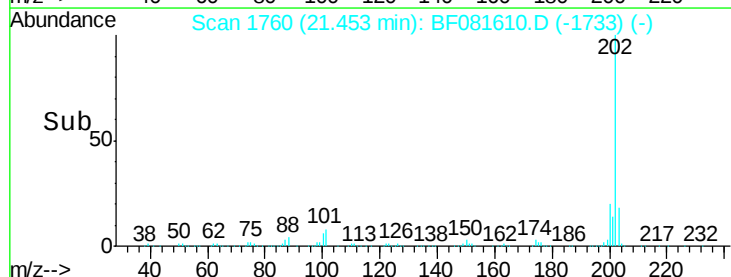
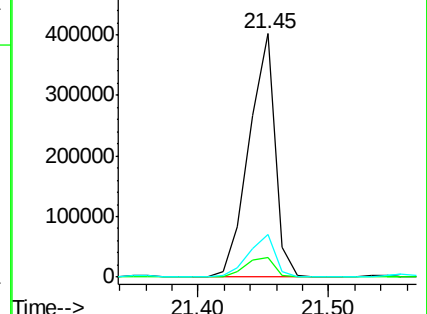
203 17.5 0.0 37.3

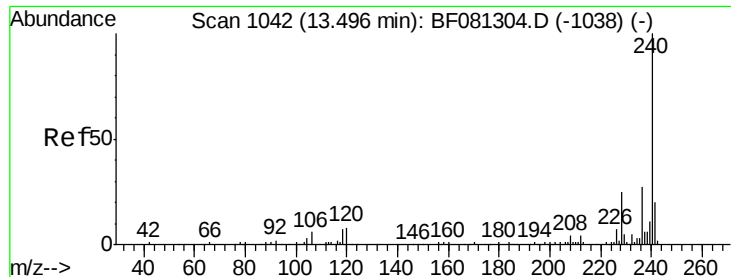


Abundance Ion 202.00 (201.70 to 202.70): E

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

Instrument :

BNA_F

ClientSampleId :

GP-4(0-5)

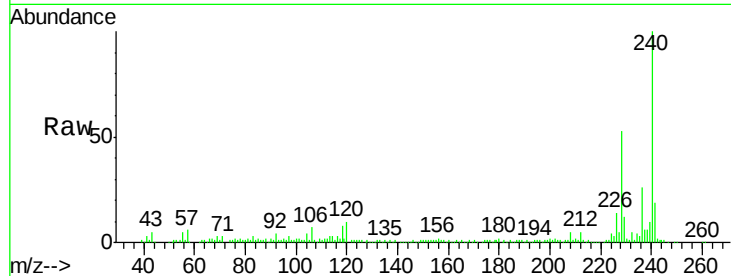
Tgt Ion:240 Resp: 117392

Ion Ratio Lower Upper

240 100

120 9.6 16.2 24.2#

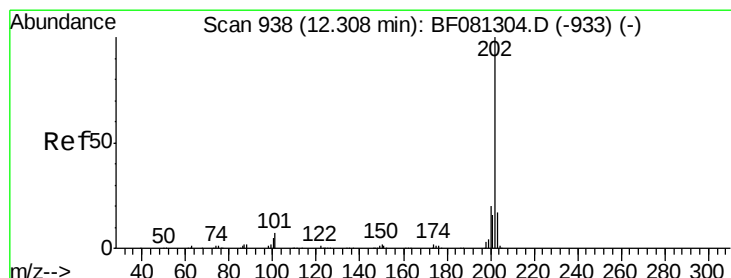
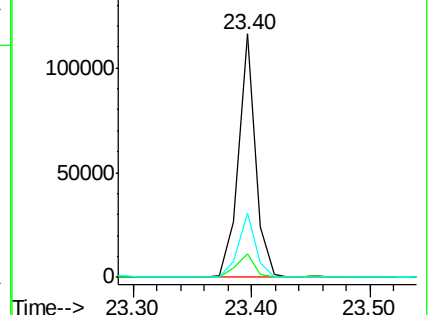
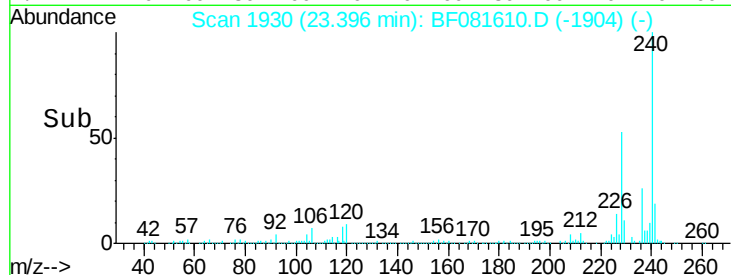
236 26.3 18.4 27.6



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

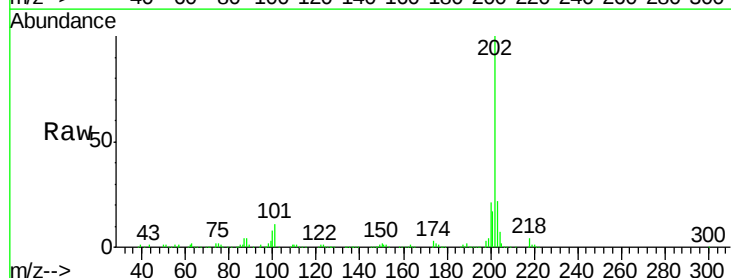
Tgt Ion:202 Resp: 499380

Ion Ratio Lower Upper

202 100

200 20.7 15.0 22.4

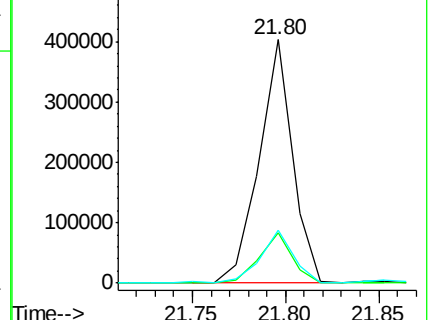
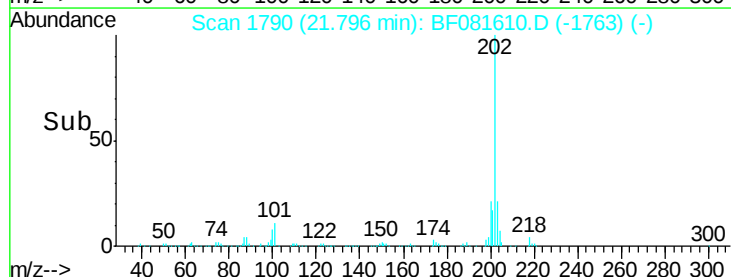
203 21.5 14.1 21.1#

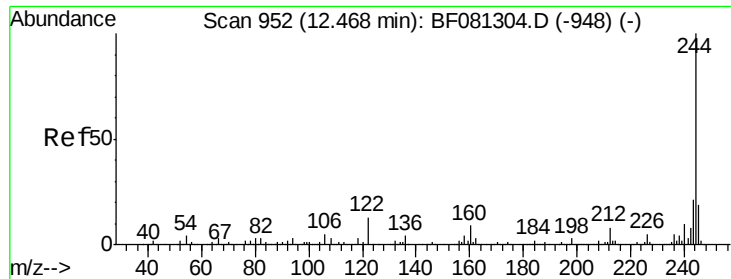


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

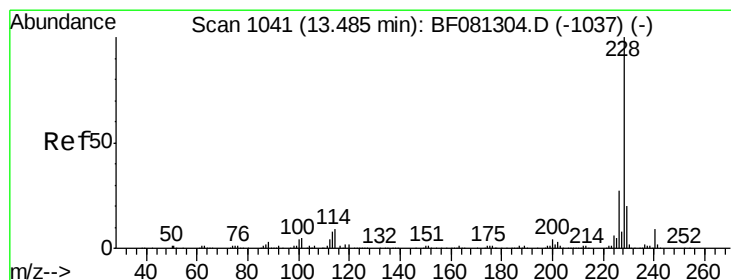
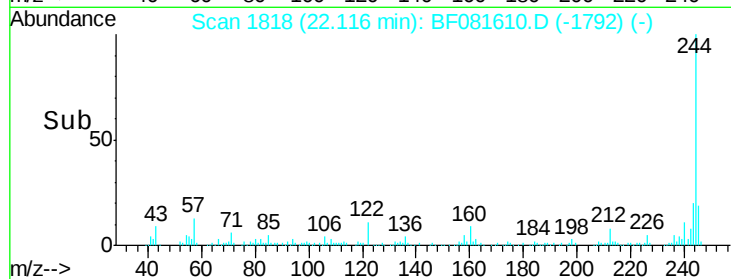
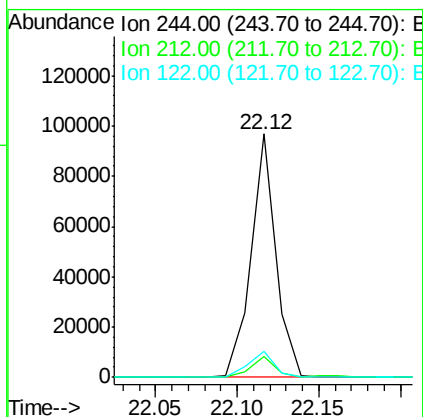
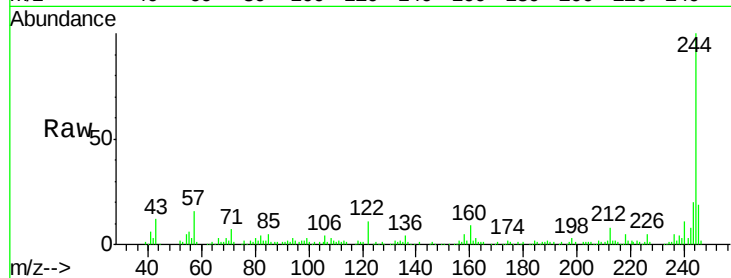




#78
 Terphenyl-d14
 Concen: 20.26 ng
 RT: 22.12 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: BF081610.D
 Acq: 14 Sep 2015 16:24

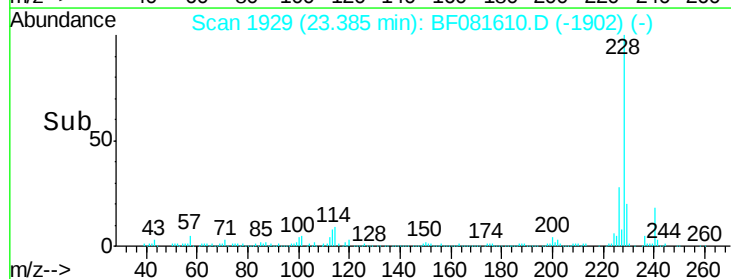
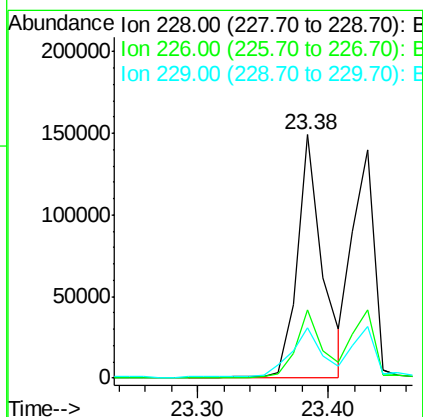
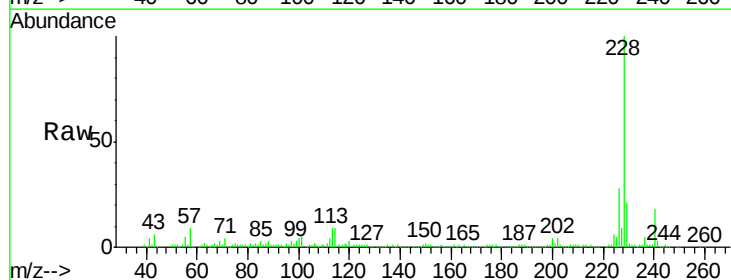
Instrument :
 BNA_F
 ClientSampleId :
 GP-4(0-5)

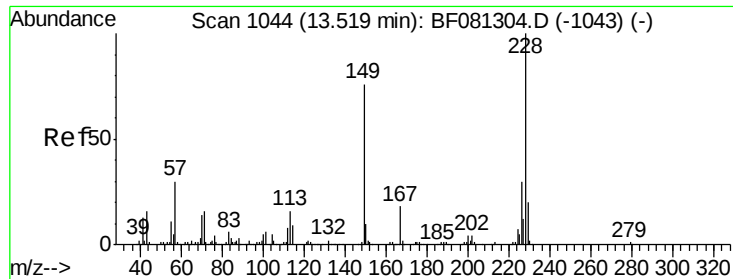
Tgt Ion:244 Resp: 102183
 Ion Ratio Lower Upper
 244 100
 212 8.4 4.3 6.5#
 122 10.5 17.4 26.2#



#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

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





#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

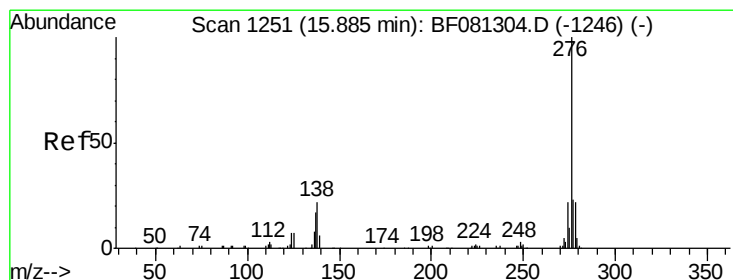
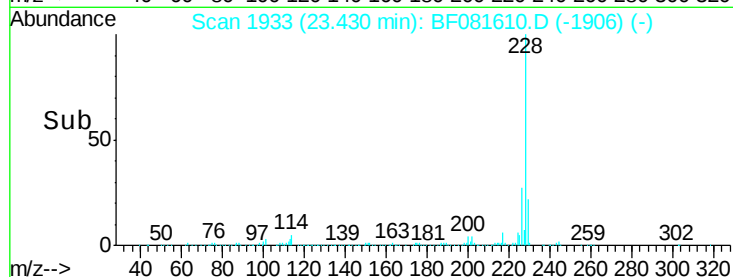
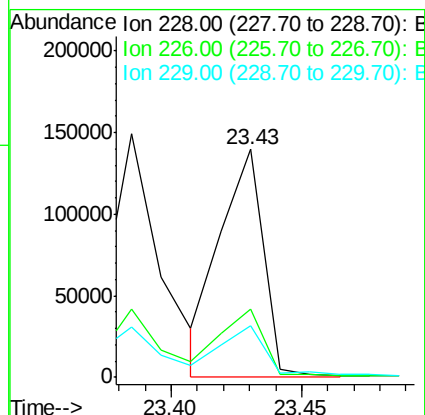
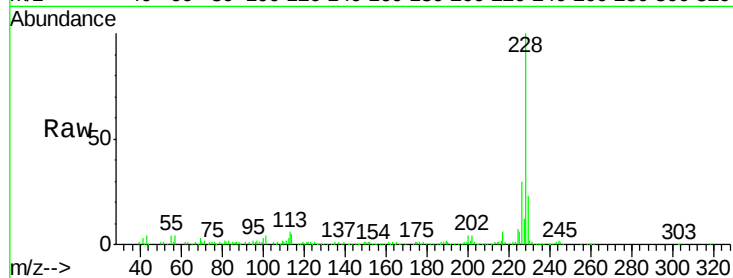
Instrument :

BNA_F

ClientSampleId :

GP-4(0-5)

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



#85

Indeno(1,2,3-cd)pyrene

Concen: 11.68 ng

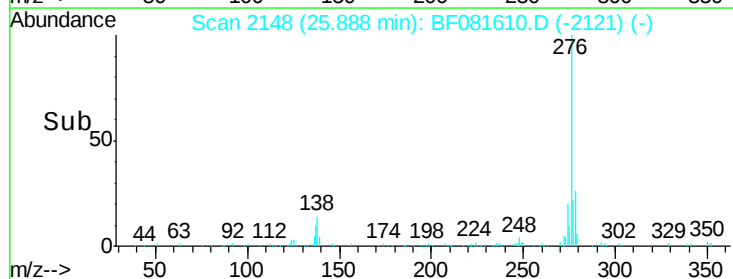
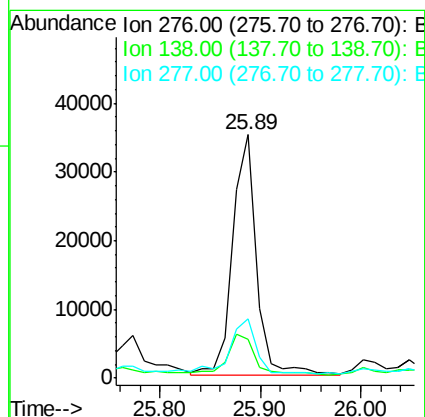
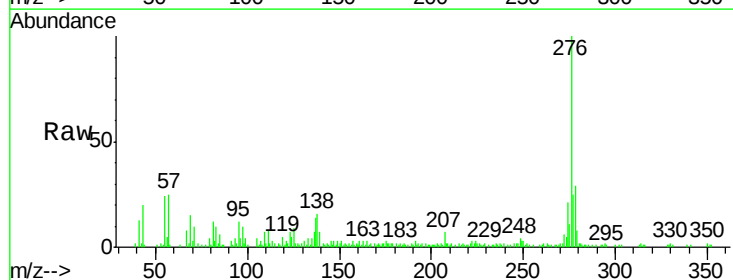
RT: 25.89 min Scan# 2148

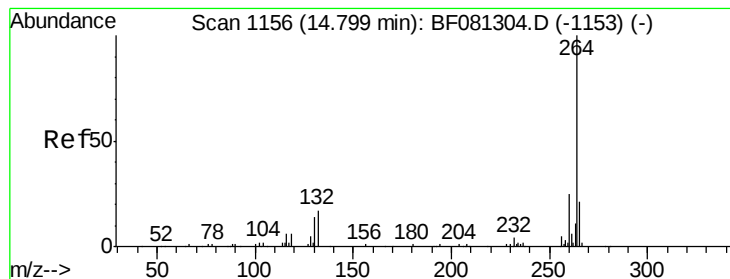
Delta R.T. 0.01 min

Lab File: BF081610.D

Acq: 14 Sep 2015 16:24

Tgt Ion:	276	Resp:	57436
Ion	Ratio	Lower	Upper
276	100		
138	20.4	25.7	38.5#
277	28.0	15.6	23.4#





#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

Instrument :

BNA_F

ClientSampleId :

GP-4(0-5)

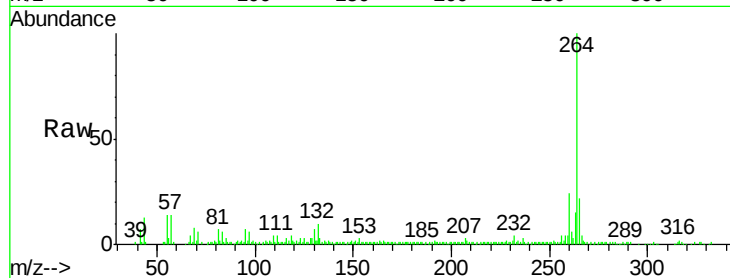
Tgt Ion:264 Resp: 110562

Ion Ratio Lower Upper

264 100

260 23.7 16.7 25.1

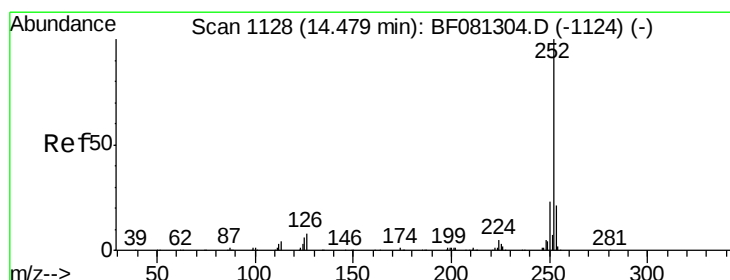
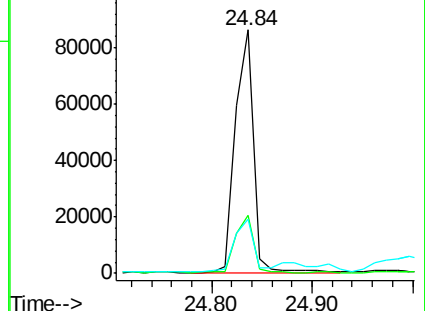
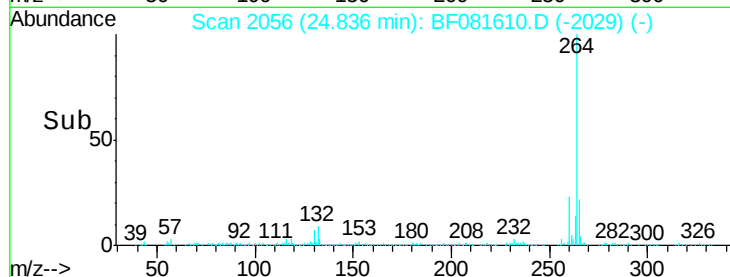
265 22.0 17.2 25.8



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: 28.33 ng

RT: 24.49 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BF081610.D

Acq: 14 Sep 2015 16:24

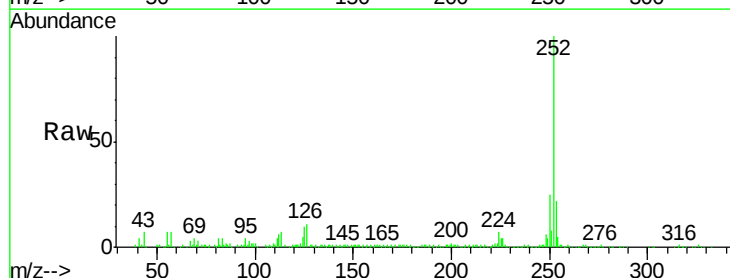
Tgt Ion:252 Resp: 223642

Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

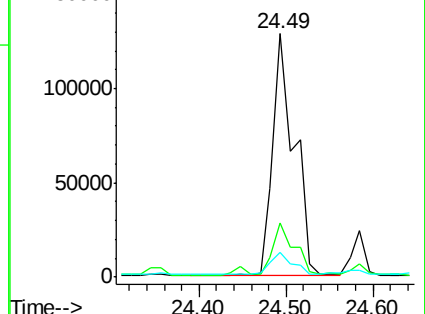
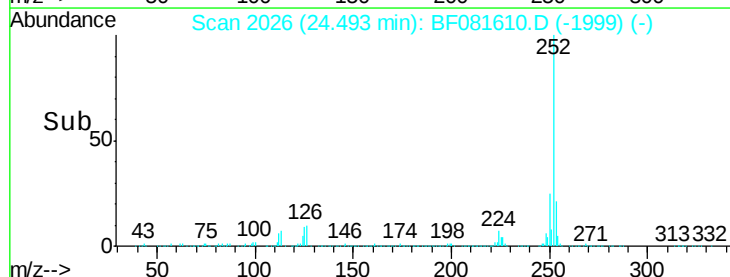
125 10.4 17.1 25.7#

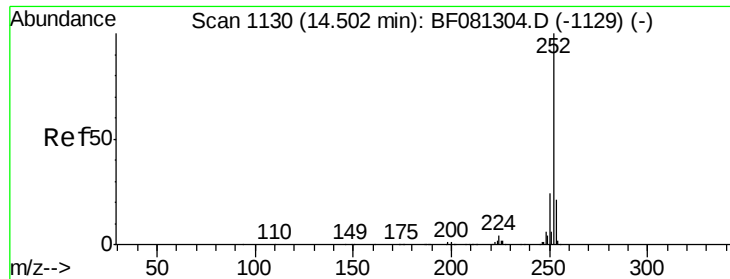


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 34.15 ng

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)

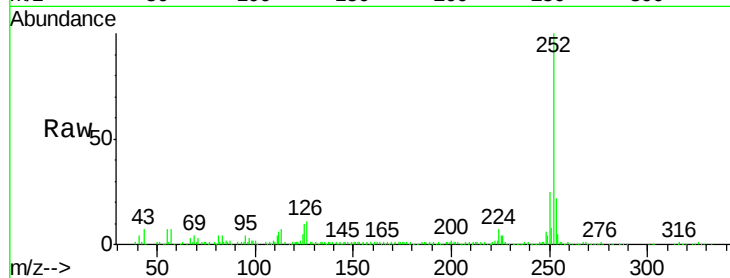
Tgt Ion:252 Resp: 223642

Ion Ratio Lower Upper

252 100

253 22.3 17.0 25.4

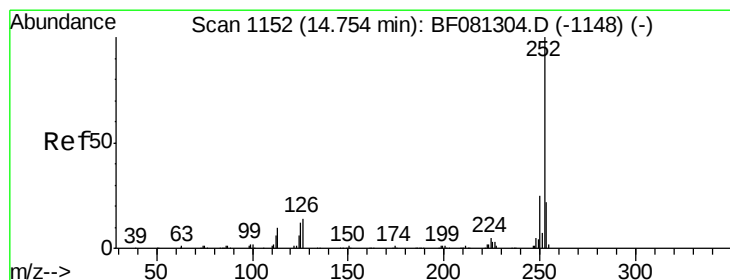
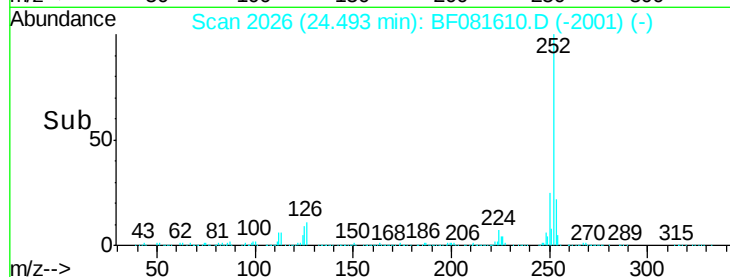
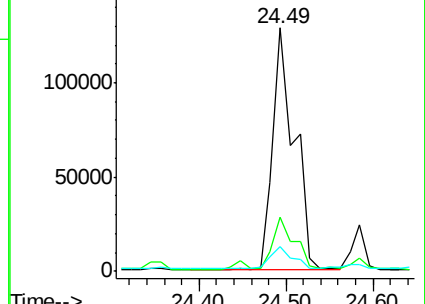
125 10.4 16.0 24.0#



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

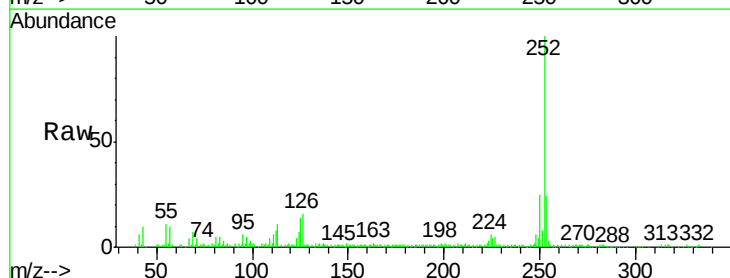
Tgt Ion:252 Resp: 127962

Ion Ratio Lower Upper

252 100

253 24.1 17.2 25.8

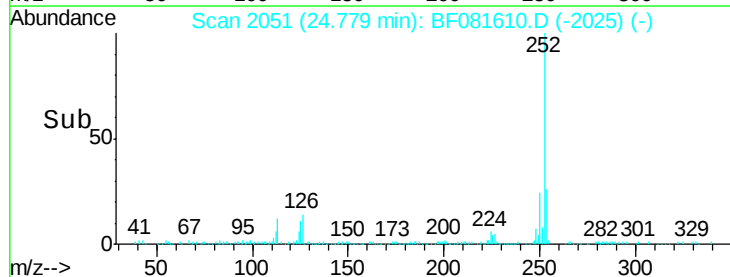
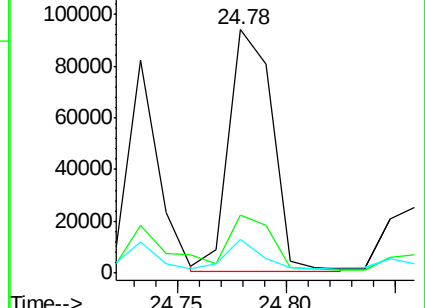
125 13.7 18.0 27.0#

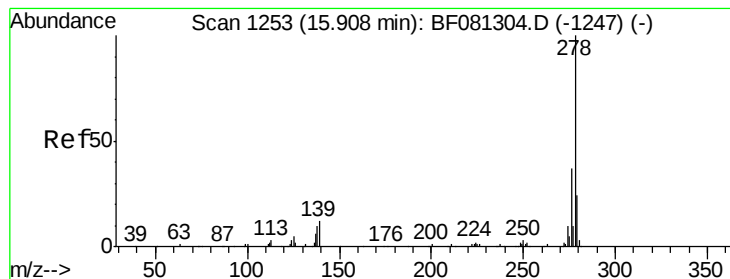


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 4.10 ng

RT: 25.89 min Scan# 2148

Delta R.T. -0.00 min

Lab File: BF081610.D

Acq: 14 Sep 2015 16:24

Instrument :

BNA_F

ClientSampleId :

GP-4(0-5)

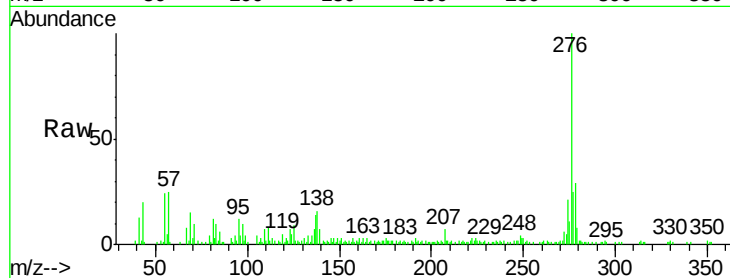
Tgt Ion: 278 Resp: 21204

Ion Ratio Lower Upper

278 100

139 22.7 26.3 39.5#

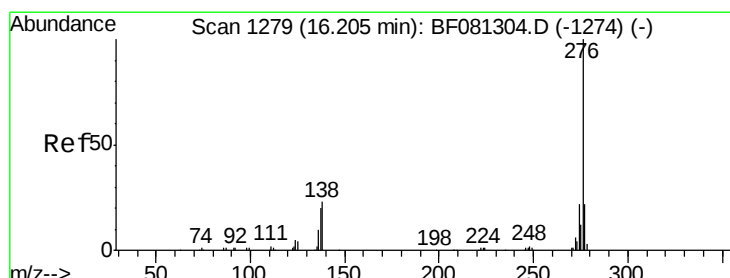
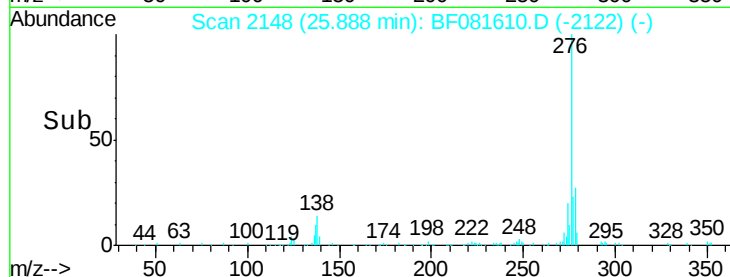
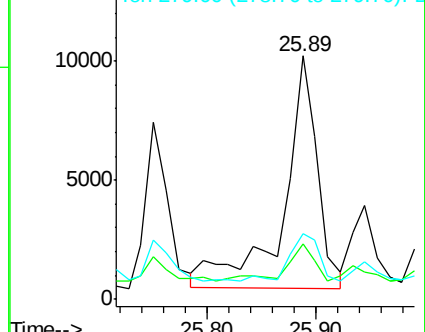
279 27.2 18.2 27.4



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

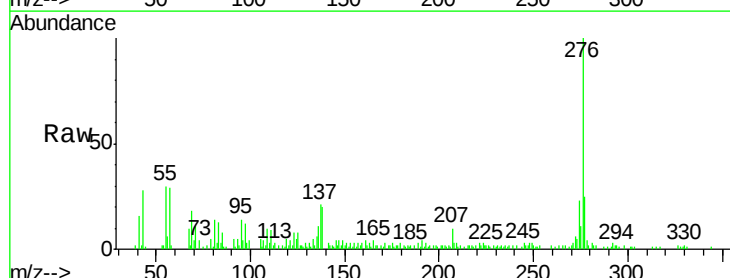
Tgt Ion: 276 Resp: 48812

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

