

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091415\
 Data File : BF081606.D
 Acq On : 14 Sep 2015 13:57
 Operator : UM/IZ
 Sample : G3472-05RE
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP001RE

Quant Time: Sep 14 14:30:52 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	68182	20.00	ng	0.00
21) Naphthalene-d8	11.13	136	276942	20.00	ng	0.00
38) Acenaphthene-d10	15.26	164	125669	20.00	ng	-0.01
63) Phenanthrene-d10	18.77	188	238394	20.00	ng	0.00
75) Chrysene-d12	23.40	240	148702	20.00	ng	0.00
86) Perylene-d12	24.84	264	134272	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	398456	90.67	ng	0.01
7) Phenol-d6	7.66	99	586339	100.80	ng	0.00
23) Nitrobenzene-d5	9.53	82	371615	64.74	ng	-0.01
41) 2,4,6-Tribromophenol	17.17	330	104866	93.72	ng	-0.01
44) 2-Fluorobiphenyl	13.77	172	605660	61.76	ng	-0.01
78) Terphenyl-d14	22.12	244	449367	70.35	ng	0.00

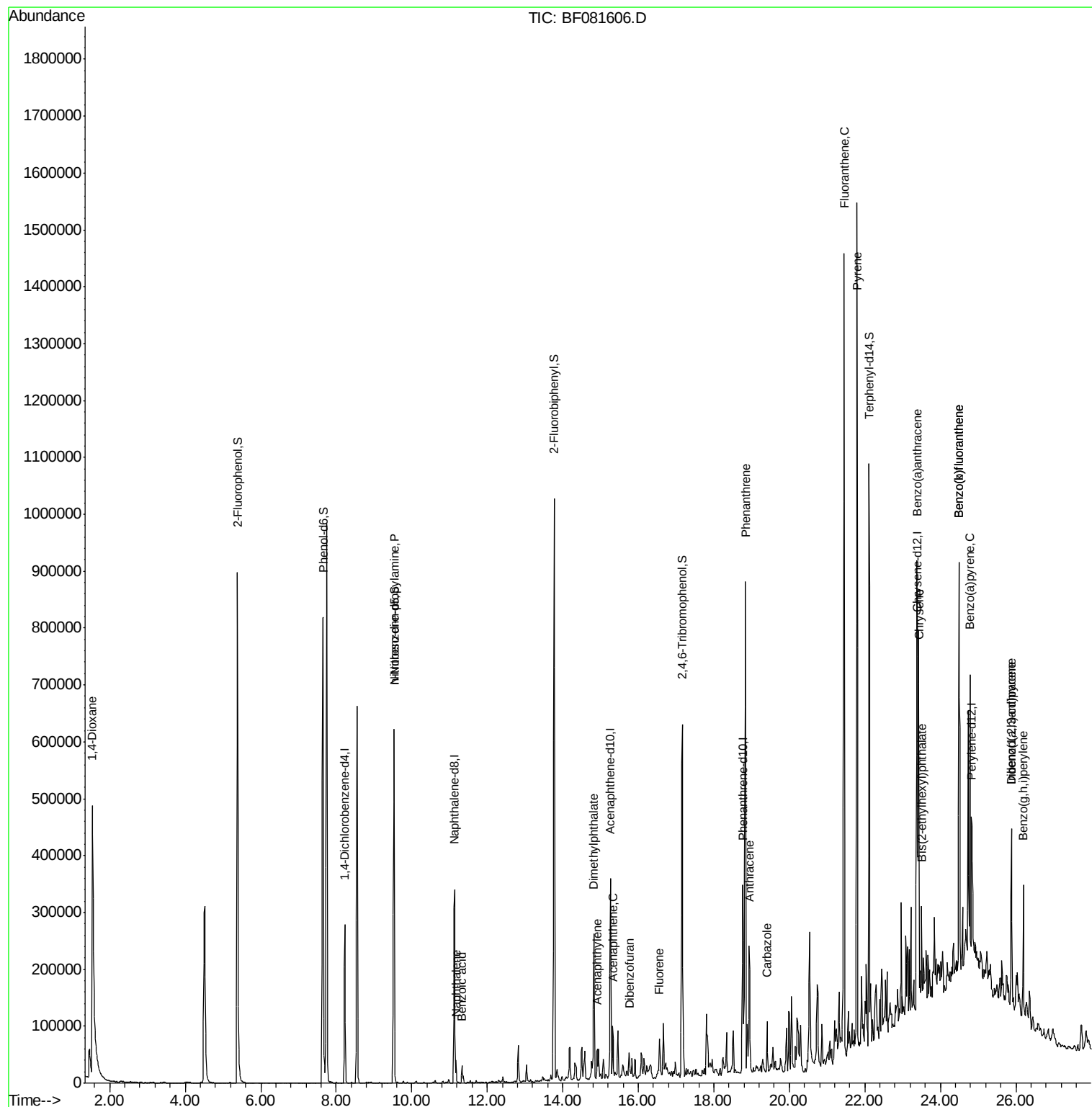
Target Compounds						Qvalue
2) 1,4-Dioxane	1.54	88	29213	14.80	ng	# 11
19) n-Nitroso-di-n-propylamine	9.53	70	51183	12.93	ng	# 65
31) Naphthalene	11.18	128	32218	2.18	ng	99
32) Benzoic acid	11.33	122	217	2.61	ng	# 1
48) Acenaphthylene	14.92	152	44393	3.00	ng	97
49) Dimethylphthalate	14.82	163	168803	17.29	ng	# 97
51) Acenaphthene	15.33	154	29696	3.52	ng	89
54) Dibenzofuran	15.76	168	29738	2.42	ng	# 84
57) Fluorene	16.56	166	33621	3.60	ng	95
70) Phenanthrene	18.84	178	602968	45.50	ng	97
71) Anthracene	18.94	178	135034	9.92	ng	97
72) Carbazole	19.42	167	66145	5.18	ng	96
74) Fluoranthene	21.45	202	1004128	69.99	ng	90
77) Pyrene	21.80	202	837970	76.08	ng	# 94
80) Benzo(a)anthracene	23.38	228	378819	40.00	ng	96
82) Chrysene	23.43	228	287839	33.91	ng	93
83) Bis(2-ethylhexyl)phthalate	23.50	149	17507	2.77	ng	# 91
85) Indeno(1,2,3-cd)pyrene	25.89	276	172397	27.68	ng	# 79
87) Benzo(b)fluoranthene	24.49	252	515536	53.78	ng	# 86
88) Benzo(k)fluoranthene	24.49	252	515536	64.81	ng	# 87
89) Benzo(a)pyrene	24.79	252	279113	34.36	ng	# 80
90) Dibenzo(a,h)anthracene	25.89	278	50873	8.10	ng	# 61
91) Benzo(g,h,i)perylene	26.20	276	146867	24.52	ng	# 71

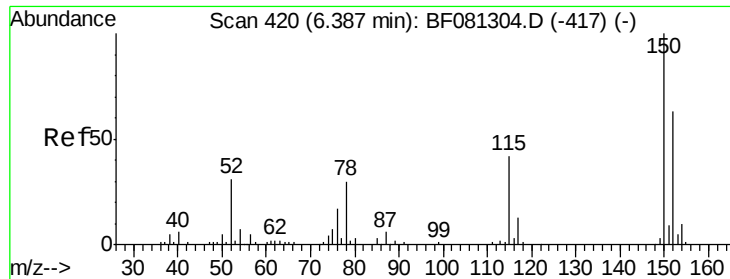
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091415\
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Quant Time: Sep 14 14:30:52 2015
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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: BF081606.D

Acq: 14 Sep 2015 13:57

Instrument :

BNA_F

ClientSampleId :

DUP001RE

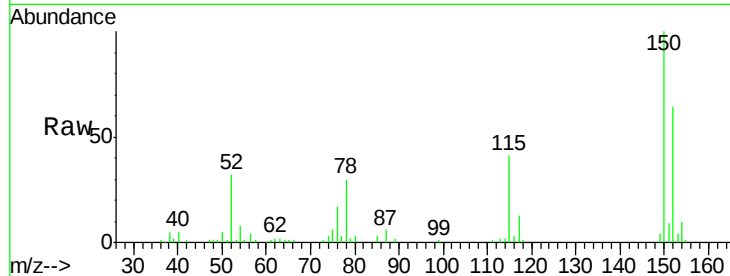
Tgt Ion:152 Resp: 68182

Ion Ratio Lower Upper

152 100

150 157.4 124.7 187.1

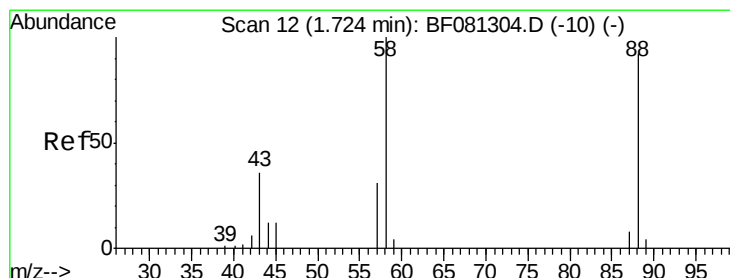
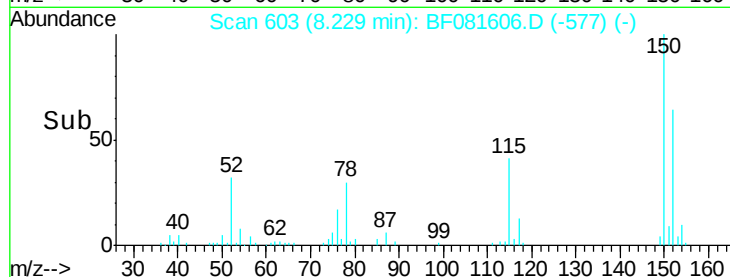
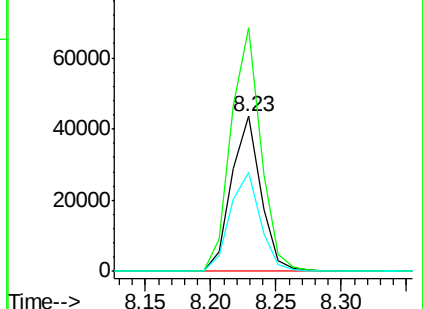
115 64.0 39.0 58.4#



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: 14.80 ng

RT: 1.54 min Scan# 18

Delta R.T. -0.02 min

Lab File: BF081606.D

Acq: 14 Sep 2015 13:57

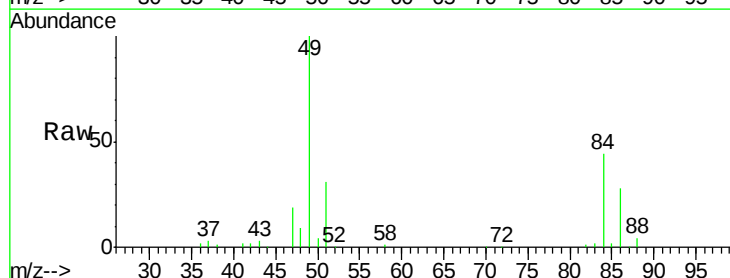
Tgt Ion: 88 Resp: 29213

Ion Ratio Lower Upper

88 100

58 0.0 77.7 116.5#

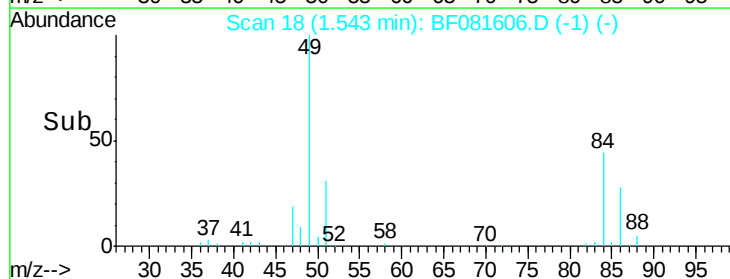
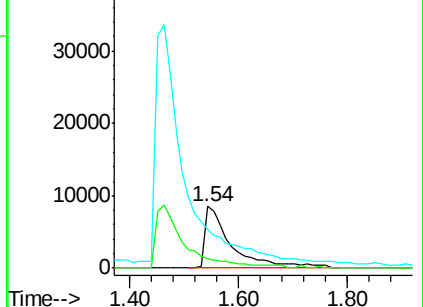
43 0.0 26.6 40.0#

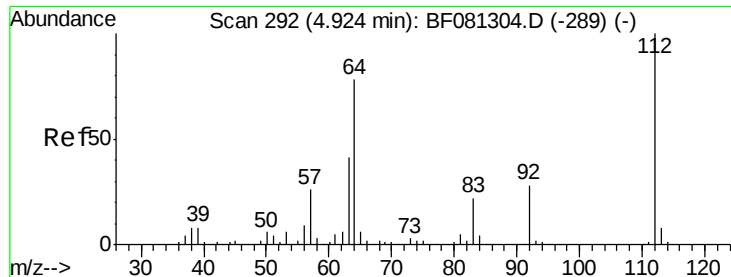


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 90.67 ng

RT: 5.38 min Scan# 354

Delta R.T. 0.01 min

Lab File: BF081606.D

Acq: 14 Sep 2015 13:57

Instrument :

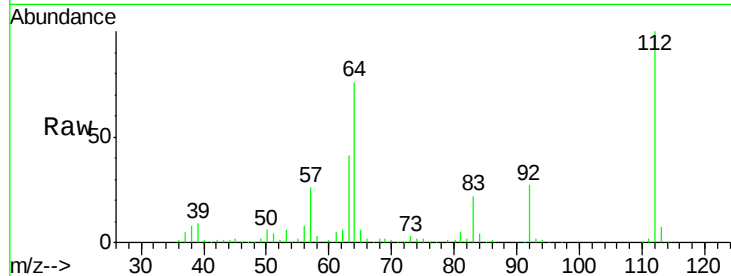
BNA_F

ClientSampleId :

DUP001RE

Tgt Ion: 112 Resp: 398456

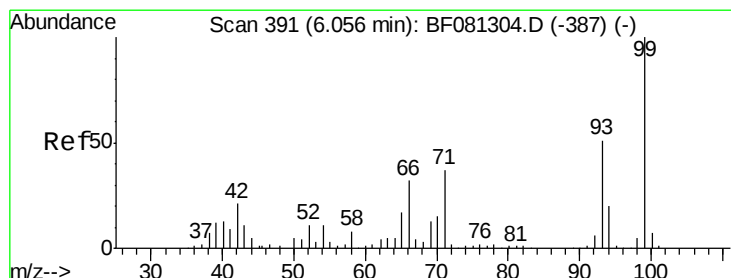
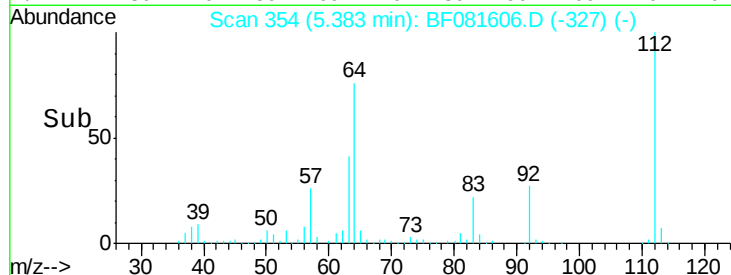
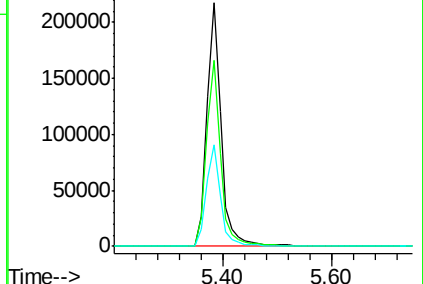
Ion	Ratio	Lower	Upper
112	100		
64	76.5	39.7	59.5#
63	41.5	17.4	26.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 100.80 ng

RT: 7.66 min Scan# 553

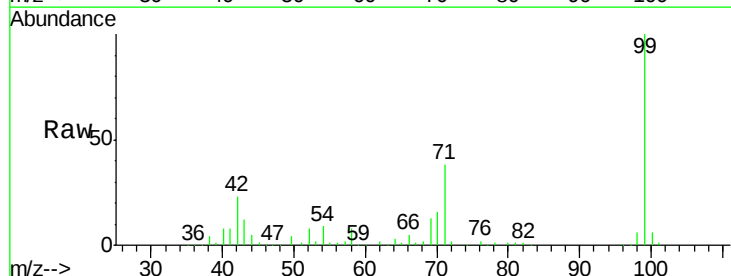
Delta R.T. 0.00 min

Lab File: BF081606.D

Acq: 14 Sep 2015 13:57

Tgt Ion: 99 Resp: 586339

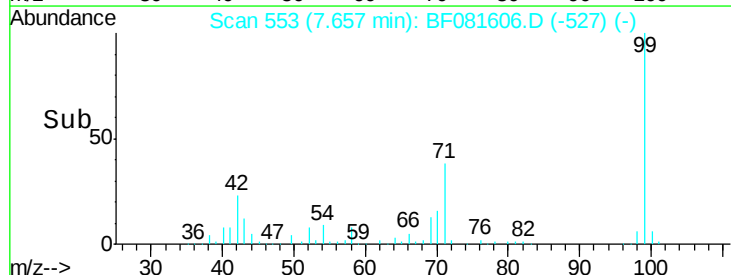
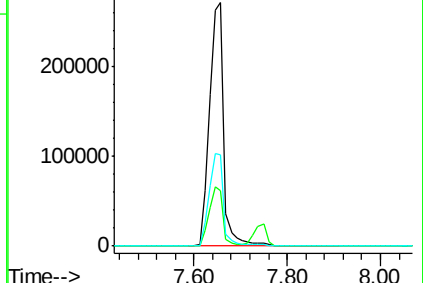
Ion	Ratio	Lower	Upper
99	100		
42	22.8	13.7	20.5#
71	37.6	14.2	21.2#

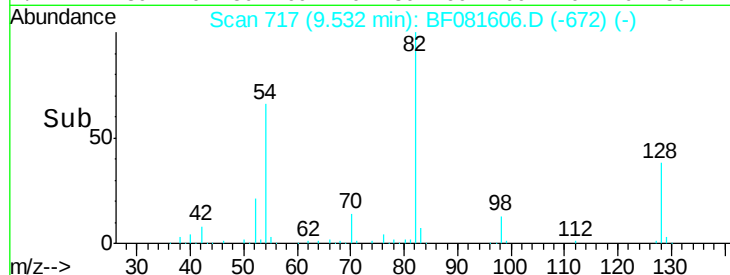
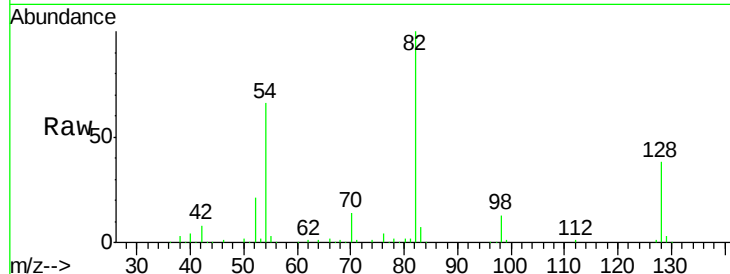
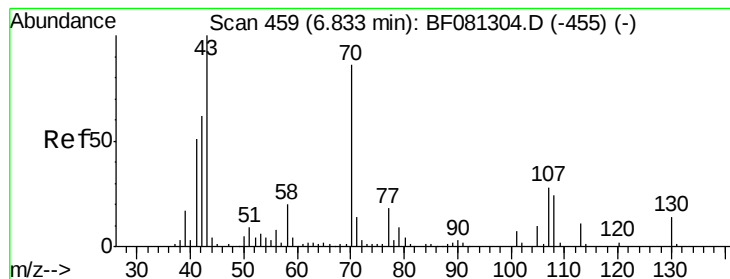


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 12.93 ng

RT: 9.53 min Scan# 717

Delta R.T. 0.22 min

Lab File: BF081606.D

Acq: 14 Sep 2015 13:57

Instrument :

BNA_F

ClientSampleId :

DUP001RE

Tgt Ion: 70 Resp: 51183

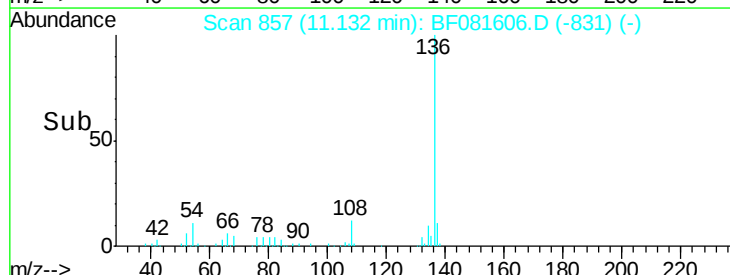
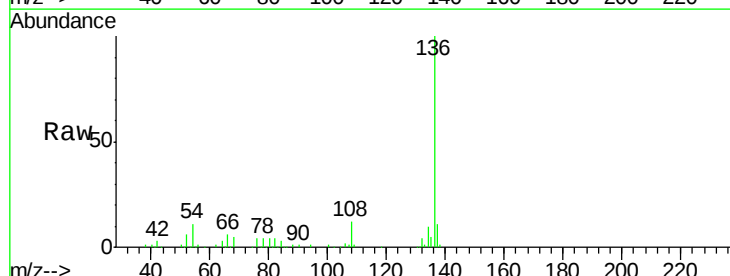
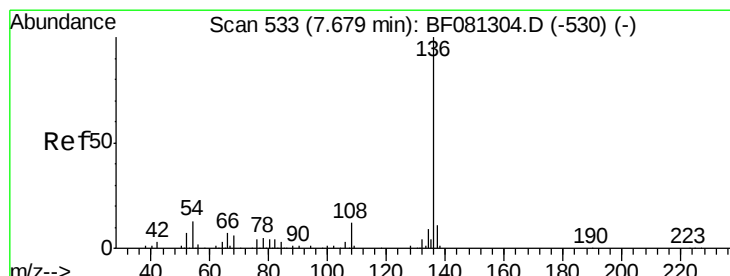
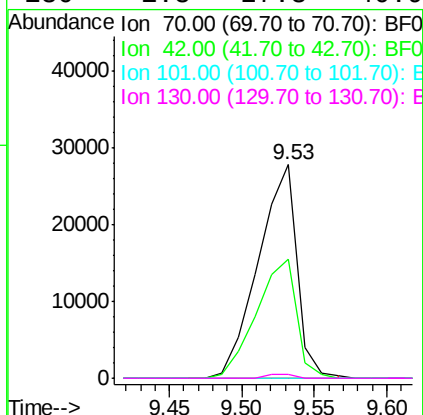
Ion Ratio Lower Upper

70 100

42 55.9 63.8 95.6#

101 0.0 9.2 13.8#

130 1.8 27.3 40.9#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF081606.D

Acq: 14 Sep 2015 13:57

Tgt Ion: 136 Resp: 276942

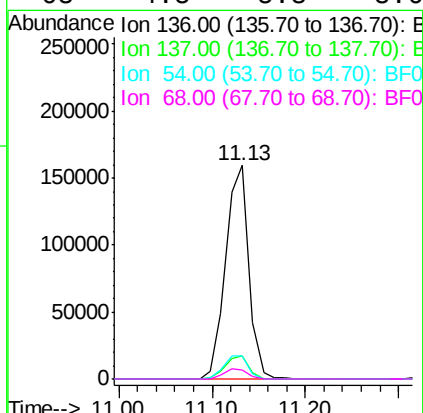
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.6

54 11.0 8.2 12.2

68 4.5 5.8 8.6#

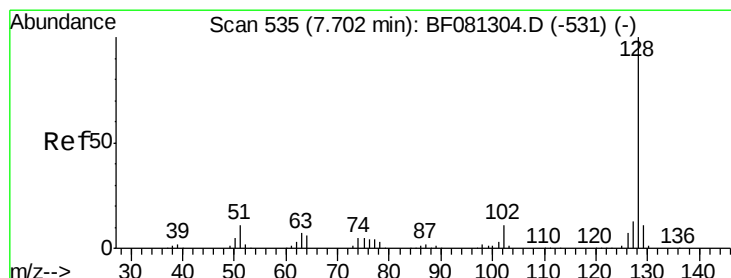
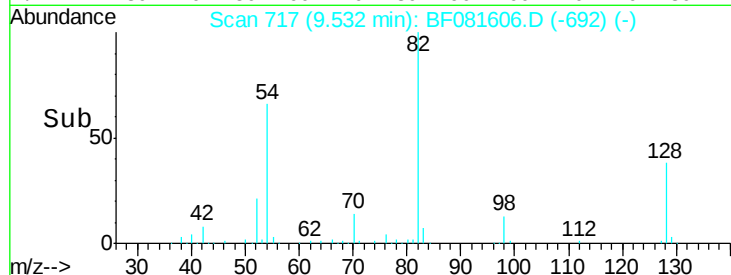
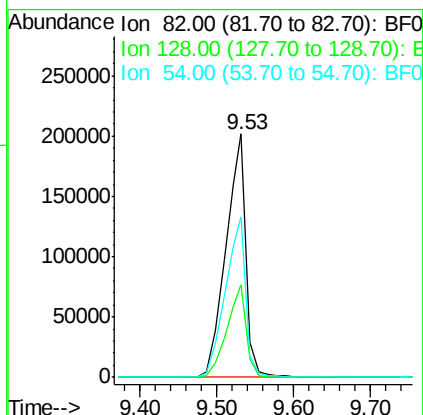
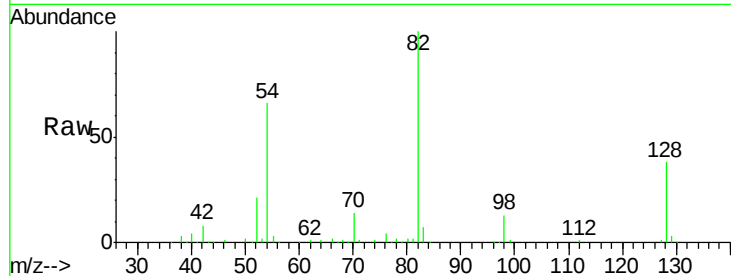




#23
Nitrobenzene-d5
Concen: 64.74 ng
RT: 9.53 min Scan# 717
Delta R.T. -0.01 min
Lab File: BF081606.D
Acq: 14 Sep 2015 13:57

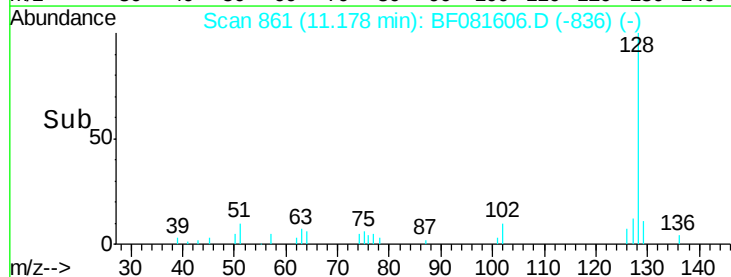
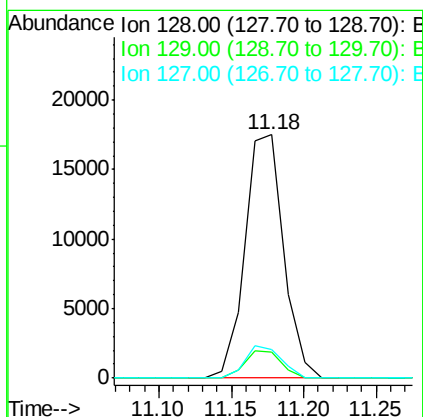
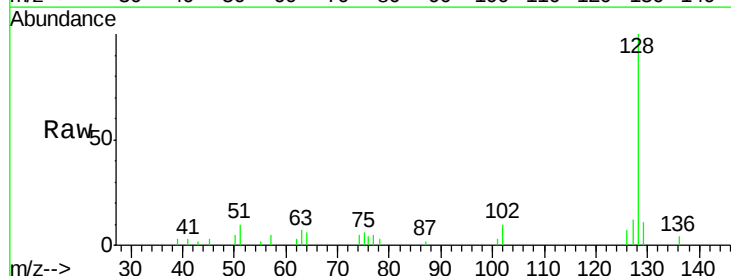
Instrument :
BNA_F
ClientSampleId :
DUP001RE

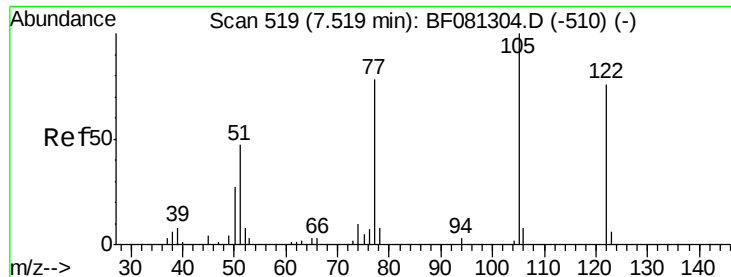
Tgt Ion: 82 Resp: 371615
Ion Ratio Lower Upper
82 100
128 38.2 51.0 76.6#
54 66.1 47.5 71.3



#31
Naphthalene
Concen: 2.18 ng
RT: 11.18 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF081606.D
Acq: 14 Sep 2015 13:57

Tgt Ion: 128 Resp: 32218
Ion Ratio Lower Upper
128 100
129 10.8 8.4 12.6
127 11.8 9.9 14.9





#32

Benzoic acid

Concen: 2.61 ng

RT: 11.33 min Scan# 874

Delta R.T. 0.23 min

Lab File: BF081606.D

Acq: 14 Sep 2015 13:57

Instrument :

BNA_F

ClientSampleId :

DUP001RE

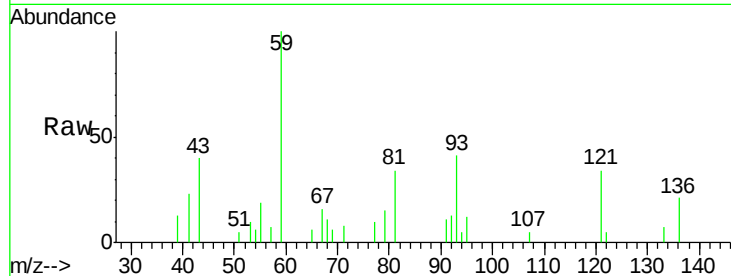
Tgt Ion:122 Resp: 217

Ion Ratio Lower Upper

122 100

105 0.0 76.1 116.1#

77 198.7 40.5 80.5#

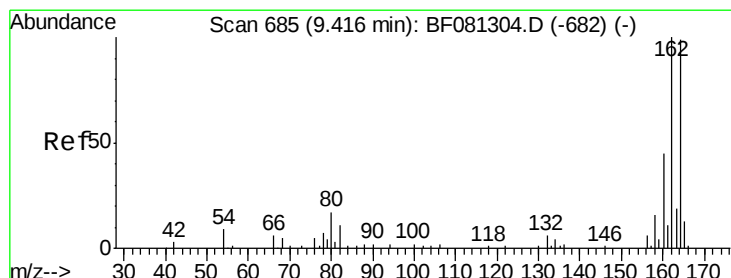
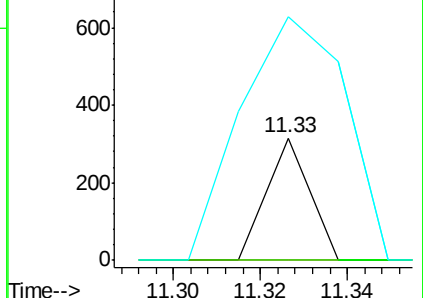
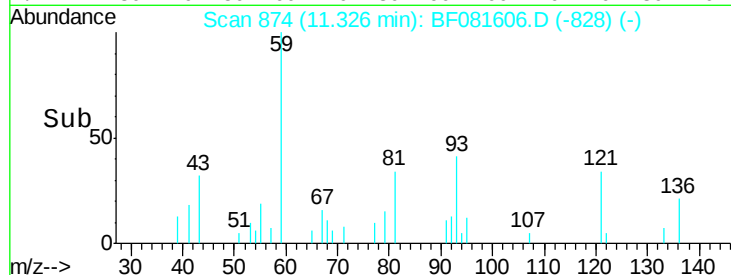


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.26 min Scan# 1218

Delta R.T. -0.01 min

Lab File: BF081606.D

Acq: 14 Sep 2015 13:57

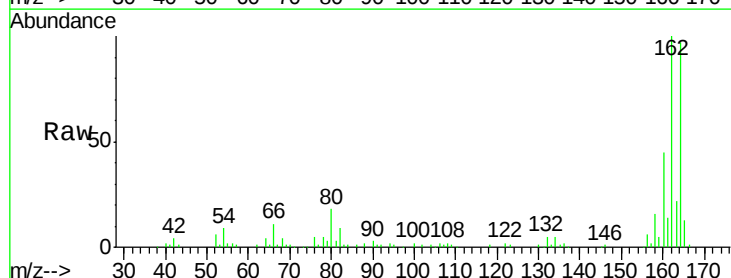
Tgt Ion:164 Resp: 125669

Ion Ratio Lower Upper

164 100

162 103.5 75.2 112.8

160 46.5 31.5 47.3

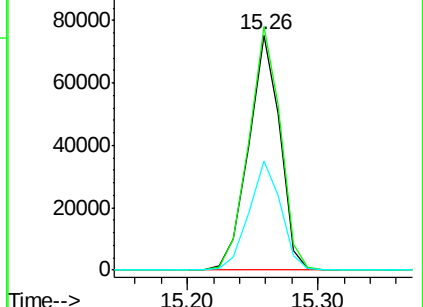
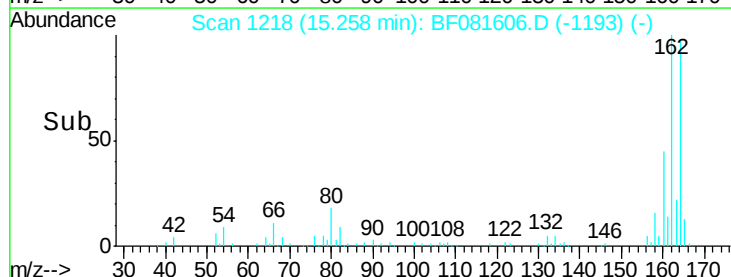


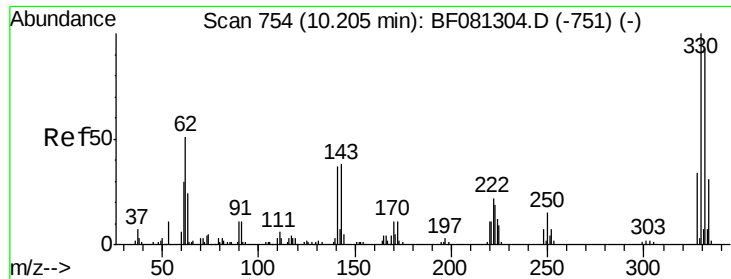
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

Time-->

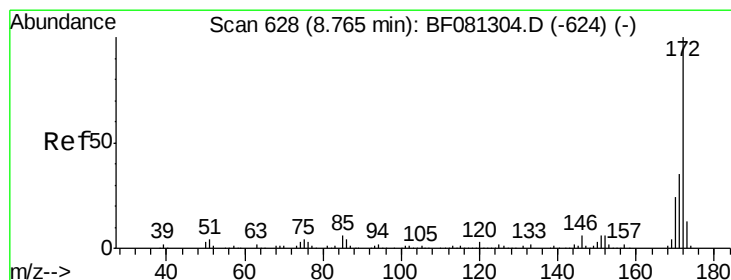
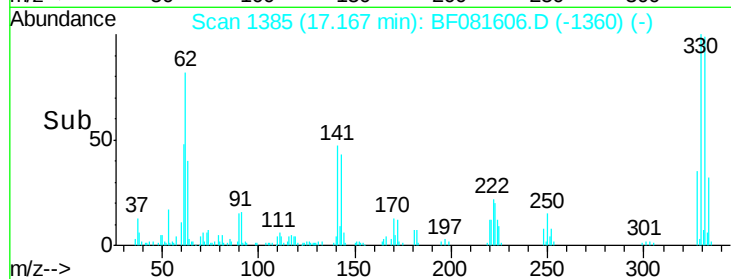
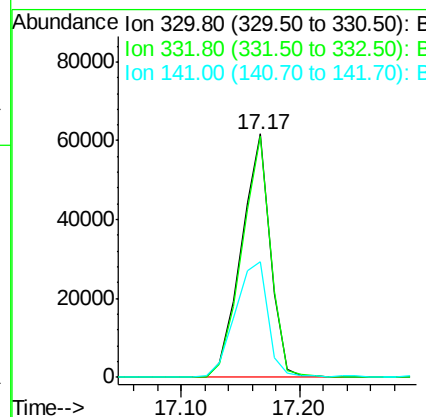
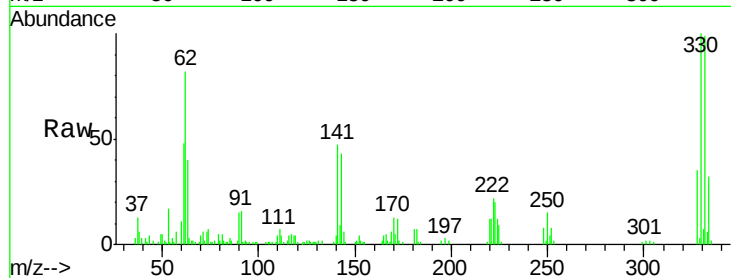




#41
 2,4,6-Tribromophenol
 Concen: 93.72 ng
 RT: 17.17 min Scan# 1385
 Delta R.T. -0.01 min
 Lab File: BF081606.D
 Acq: 14 Sep 2015 13:57

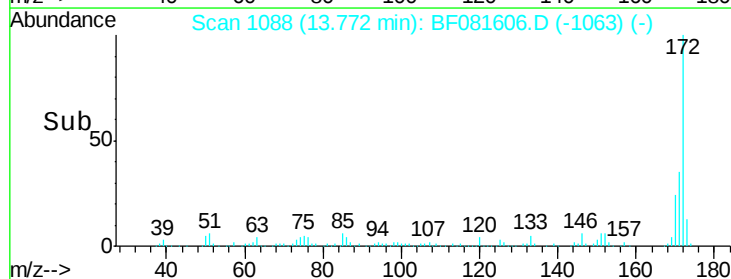
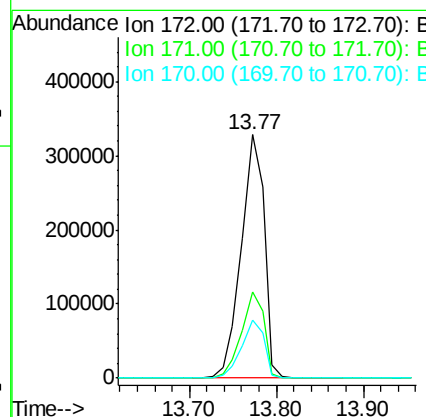
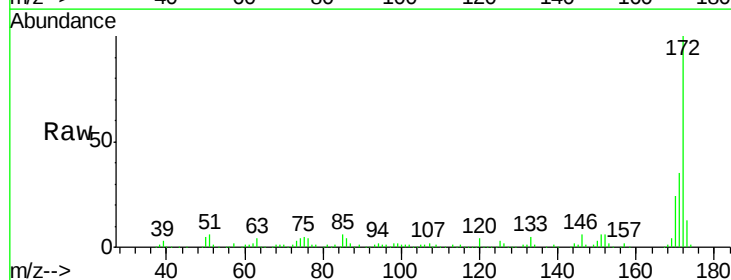
Instrument :
 BNA_F
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 DUP001RE

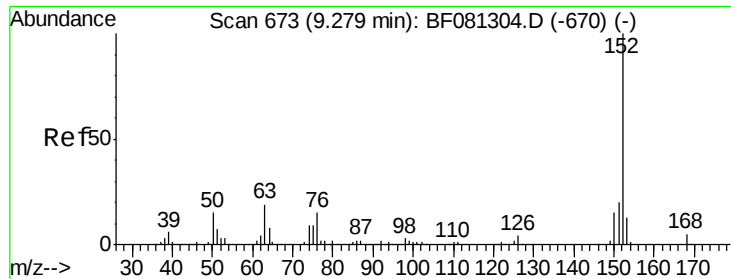
Tgt Ion: 330 Resp: 104866
 Ion Ratio Lower Upper
 330 100
 332 97.8 76.6 114.8
 141 54.2 29.7 44.5#



#44
 2-Fluorobiphenyl
 Concen: 61.76 ng
 RT: 13.77 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: BF081606.D
 Acq: 14 Sep 2015 13:57

Tgt Ion: 172 Resp: 605660
 Ion Ratio Lower Upper
 172 100
 171 35.3 26.1 39.1
 170 24.0 17.4 26.2





#48

Acenaphthylene

Concen: 3.00 ng

RT: 14.92 min Scan# 1188

Delta R.T. -0.01 min

Lab File: BF081606.D

Acq: 14 Sep 2015 13:57

Instrument :

BNA_F

ClientSampleId :

DUP001RE

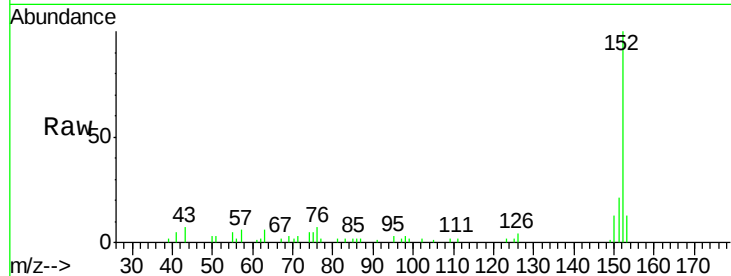
Tgt Ion:152 Resp: 44393

Ion Ratio Lower Upper

152 100

151 20.6 14.6 22.0

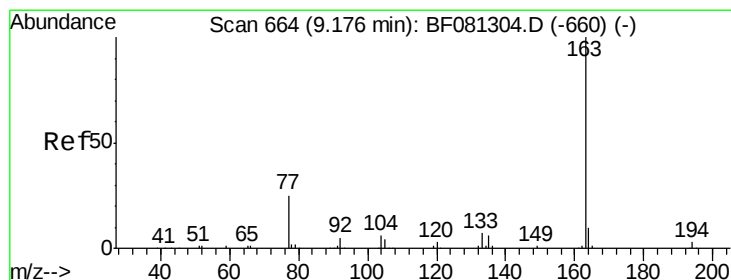
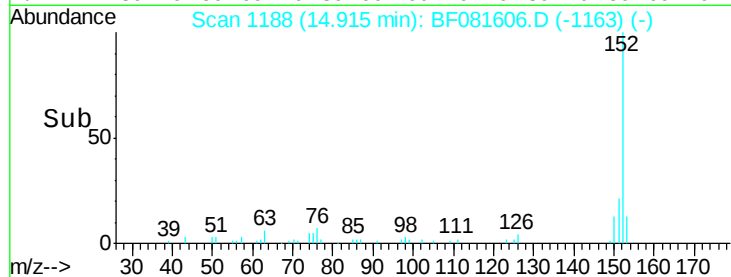
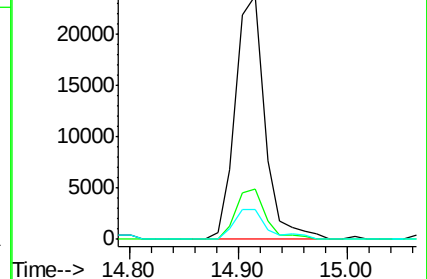
153 12.5 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 17.29 ng

RT: 14.82 min Scan# 1180

Delta R.T. -0.05 min

Lab File: BF081606.D

Acq: 14 Sep 2015 13:57

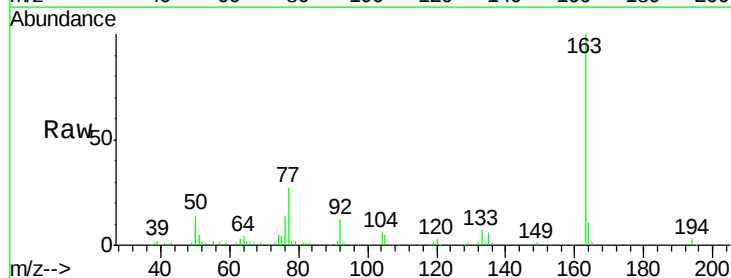
Tgt Ion:163 Resp: 168803

Ion Ratio Lower Upper

163 100

194 3.2 4.4 6.6#

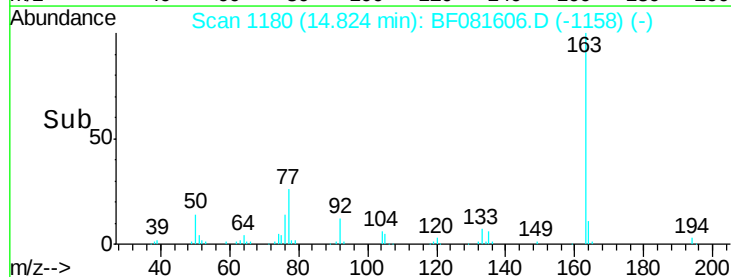
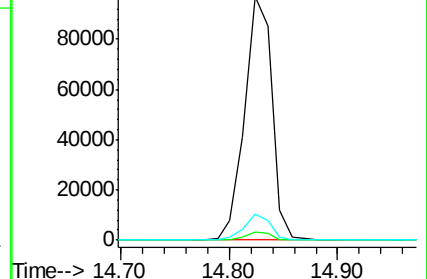
164 10.8 8.3 12.5

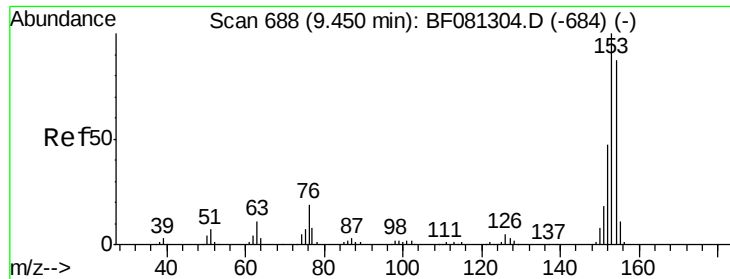


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 3.52 ng

RT: 15.33 min Scan# 1224

Delta R.T. -0.02 min

Lab File: BF081606.D

Acq: 14 Sep 2015 13:57

Instrument :

BNA_F

ClientSampleId :

DUP001RE

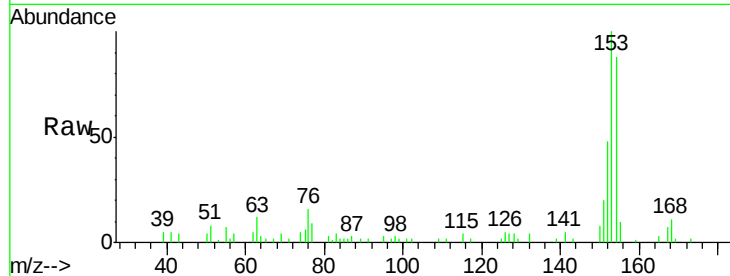
Tgt Ion:154 Resp: 29696

Ion Ratio Lower Upper

154 100

153 113.5 82.1 123.1

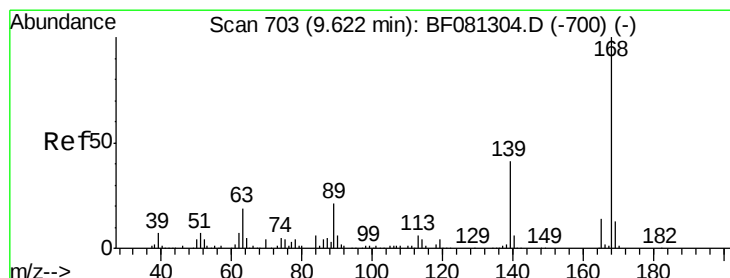
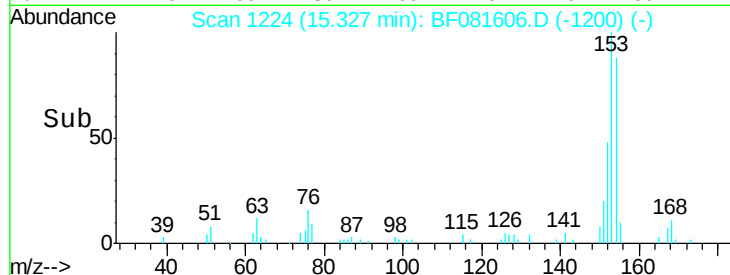
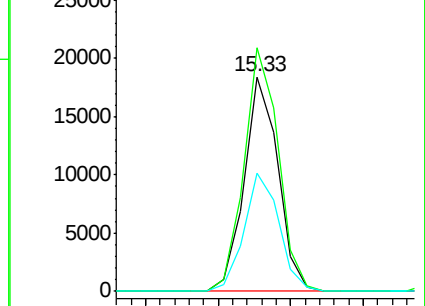
152 54.8 37.9 56.9



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: 2.42 ng

RT: 15.76 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BF081606.D

Acq: 14 Sep 2015 13:57

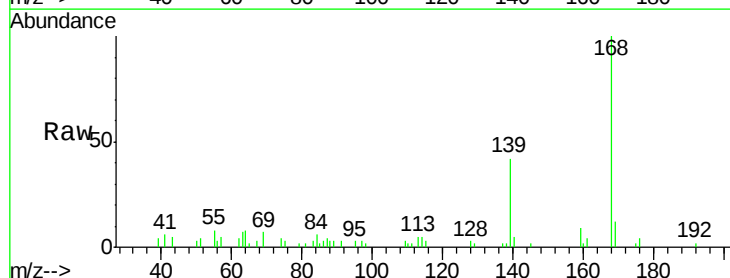
Tgt Ion:168 Resp: 29738

Ion Ratio Lower Upper

168 100

139 42.1 24.2 36.2#

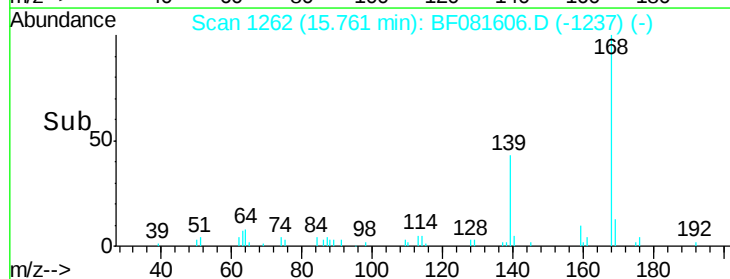
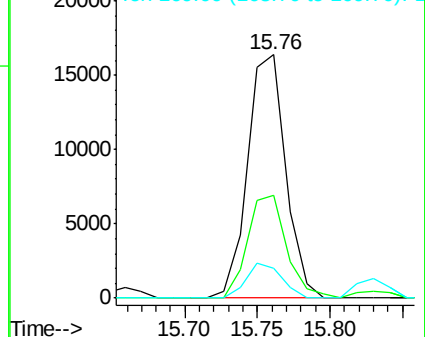
169 12.3 10.6 15.8

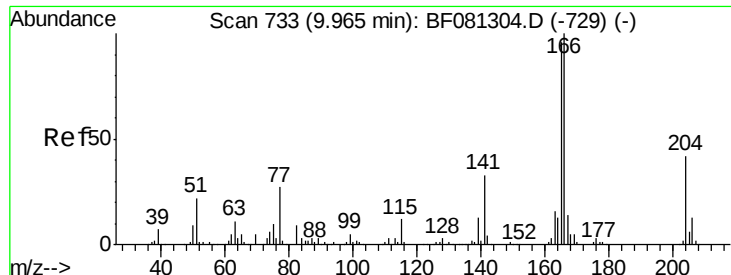


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

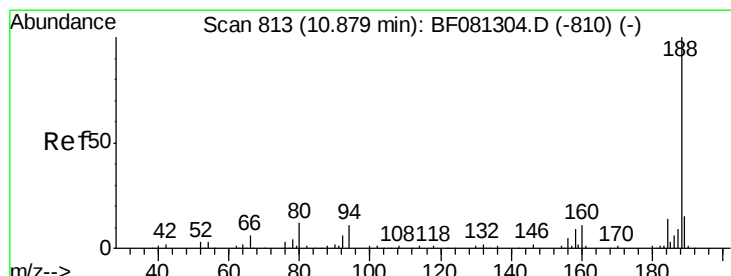
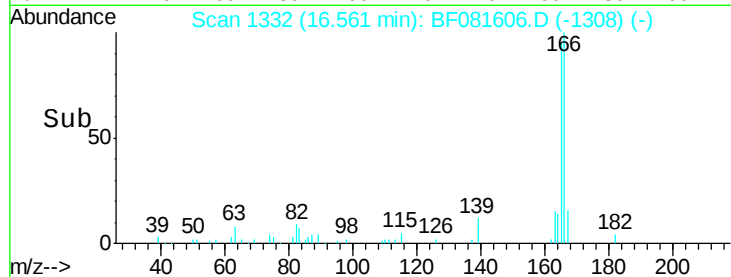
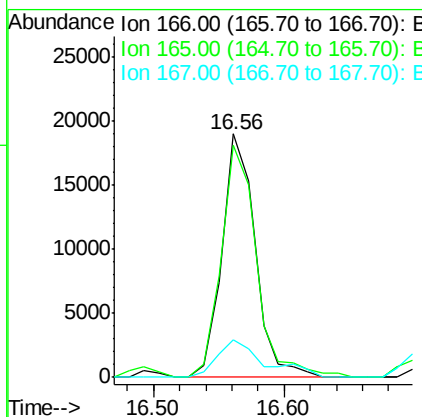
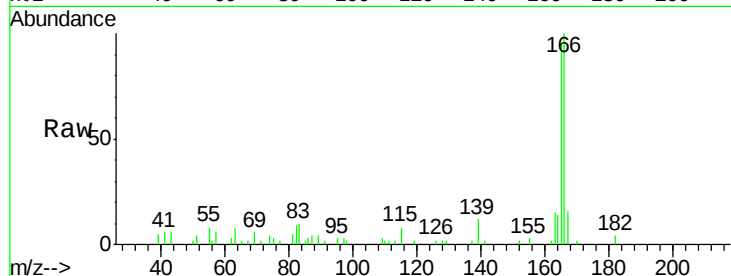




#57
 Fluorene
 Concen: 3.60 ng
 RT: 16.56 min Scan# 1332
 Delta R.T. -0.02 min
 Lab File: BF081606.D
 Acq: 14 Sep 2015 13:57

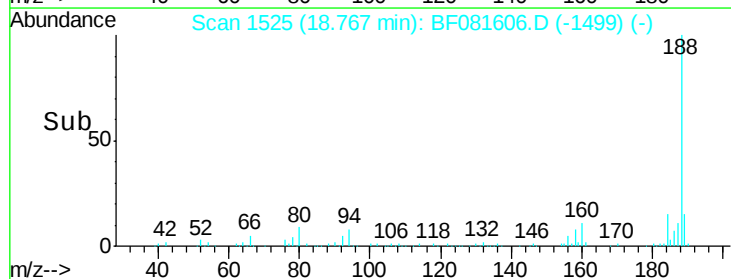
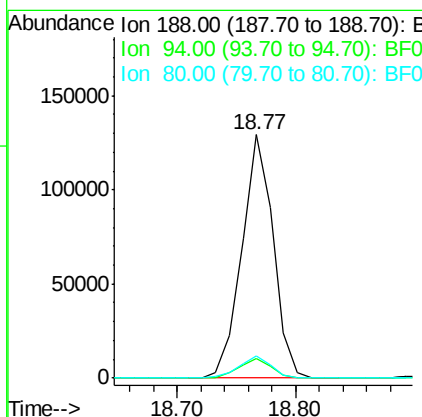
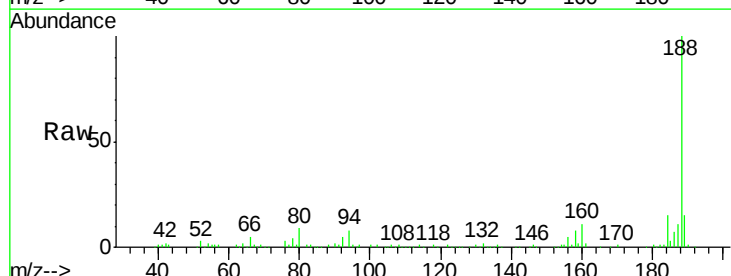
Instrument :
 BNA_F
 ClientSampleId :
 DUP001RE

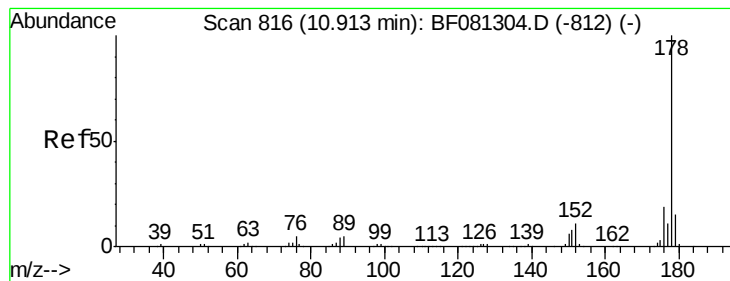
Tgt Ion:166 Resp: 33621
 Ion Ratio Lower Upper
 166 100
 165 95.4 72.6 109.0
 167 15.5 10.6 16.0



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 18.77 min Scan# 1525
 Delta R.T. -0.00 min
 Lab File: BF081606.D
 Acq: 14 Sep 2015 13:57

Tgt Ion:188 Resp: 238394
 Ion Ratio Lower Upper
 188 100
 94 8.2 11.1 16.7#
 80 9.2 11.0 16.4#





#70

Phenanthrene

Concen: 45.50 ng

RT: 18.84 min Scan# 1531

Delta R.T. 0.00 min

Lab File: BF081606.D

Acq: 14 Sep 2015 13:57

Instrument :

BNA_F

ClientSampleId :

DUP001RE

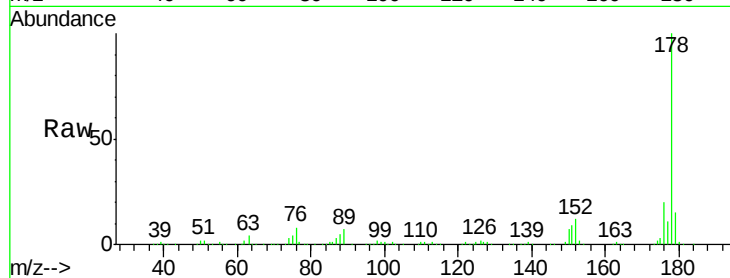
Tgt Ion:178 Resp: 602968

Ion Ratio Lower Upper

178 100

176 19.7 13.8 20.8

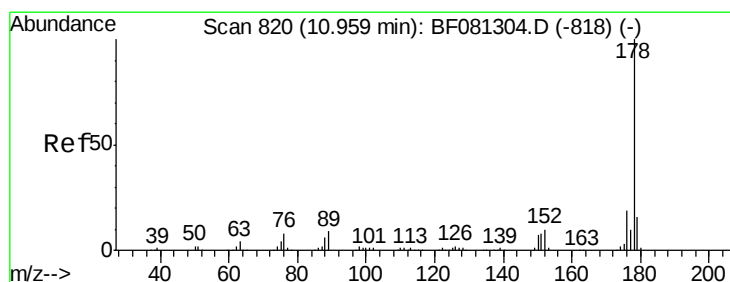
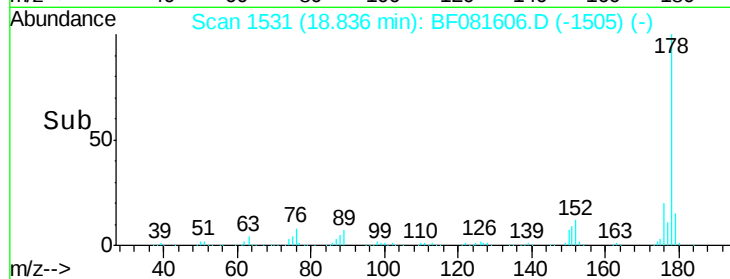
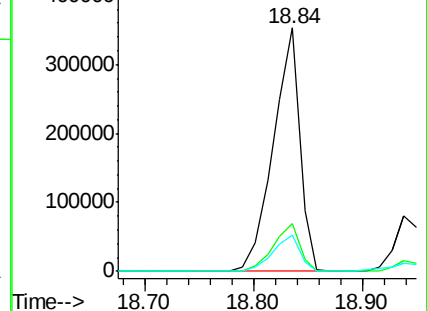
179 15.0 12.2 18.2



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: 9.92 ng

RT: 18.94 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BF081606.D

Acq: 14 Sep 2015 13:57

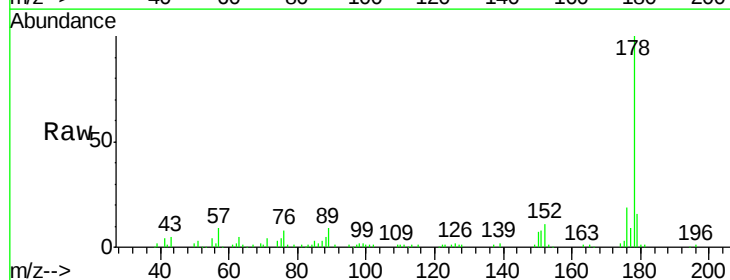
Tgt Ion:178 Resp: 135034

Ion Ratio Lower Upper

178 100

176 19.5 14.1 21.1

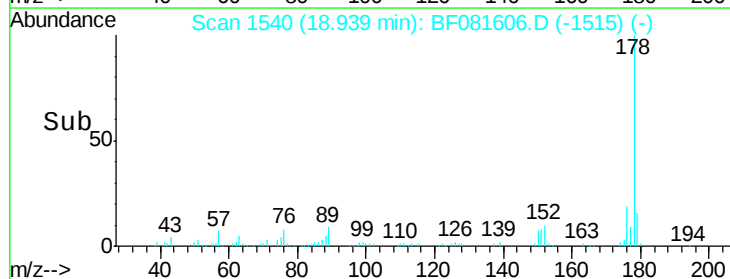
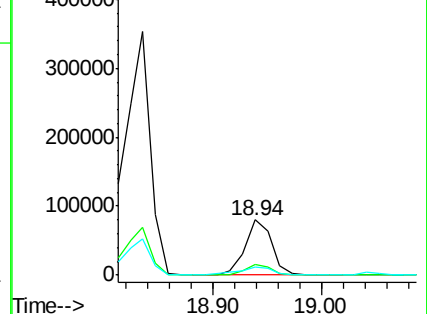
179 15.5 12.2 18.2

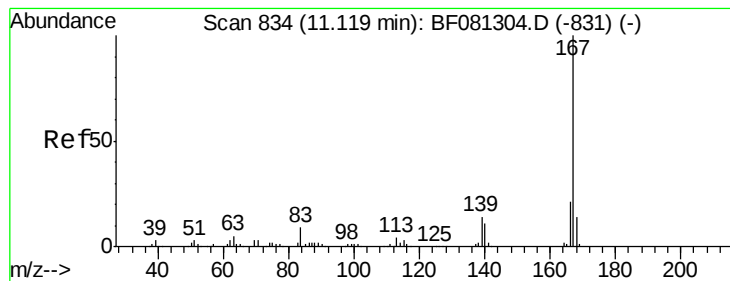


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 5.18 ng

RT: 19.42 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BF081606.D

Acq: 14 Sep 2015 13:57

Instrument :

BNA_F

ClientSampleId :

DUP001RE

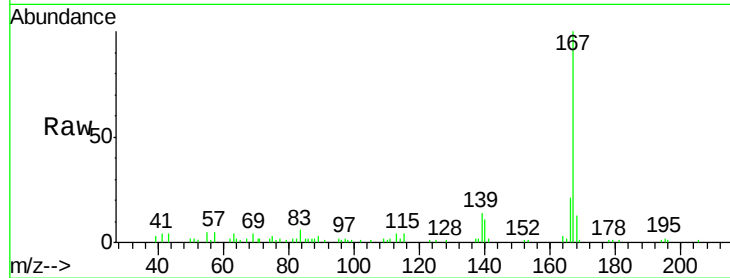
Tgt Ion:167 Resp: 66145

Ion Ratio Lower Upper

167 100

166 20.8 15.7 23.5

139 14.2 9.5 14.3

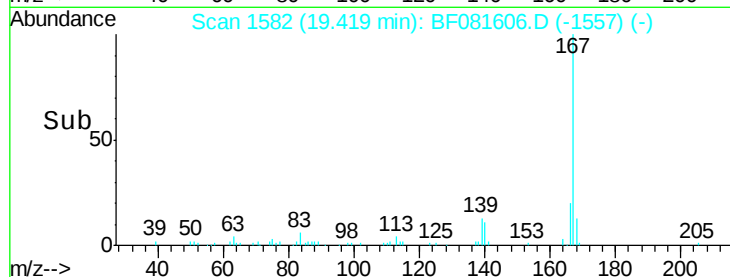


Abundance Ion 167.00 (166.70 to 167.70): E

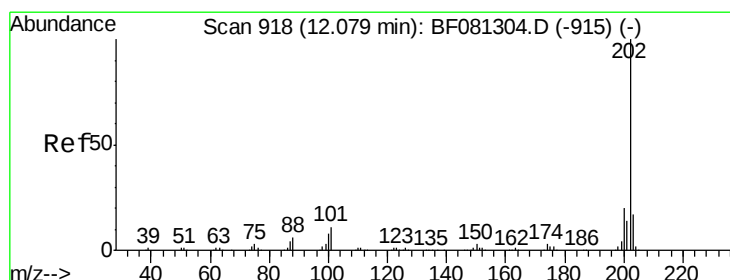
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

19.42



Time--> 19.30 19.40 19.50



#74

Fluoranthene

Concen: 69.99 ng

RT: 21.45 min Scan# 1760

Delta R.T. 0.01 min

Lab File: BF081606.D

Acq: 14 Sep 2015 13:57

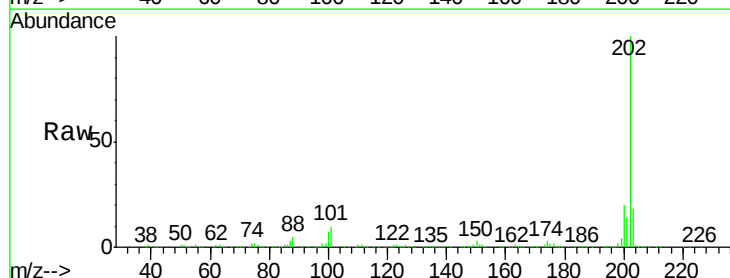
Tgt Ion:202 Resp: 1004128

Ion Ratio Lower Upper

202 100

101 9.7 0.0 38.3

203 17.6 0.0 37.3

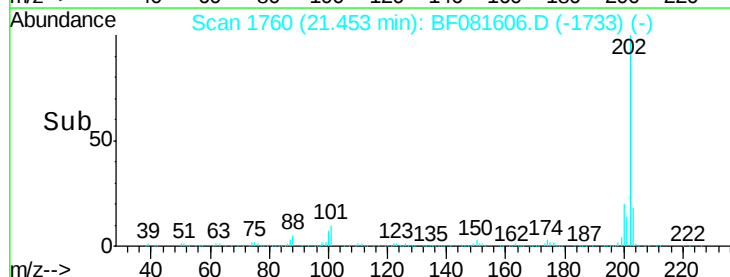


Abundance Ion 202.00 (201.70 to 202.70): E

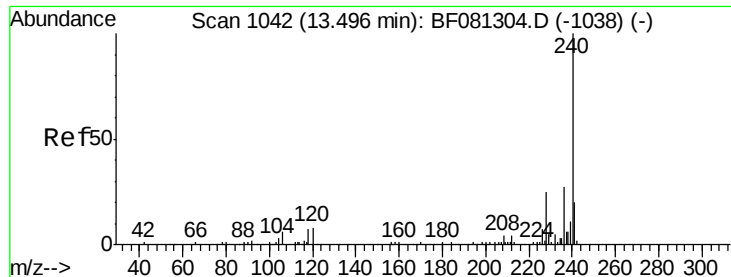
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

21.45



Time--> 21.40 21.50



#75

Chrysene-d12

Concen: 20.00 ng

RT: 23.40 min Scan# 1930

Delta R.T. 0.00 min

Lab File: BF081606.D

Acq: 14 Sep 2015 13:57

Instrument :

BNA_F

ClientSampleId :

DUP001RE

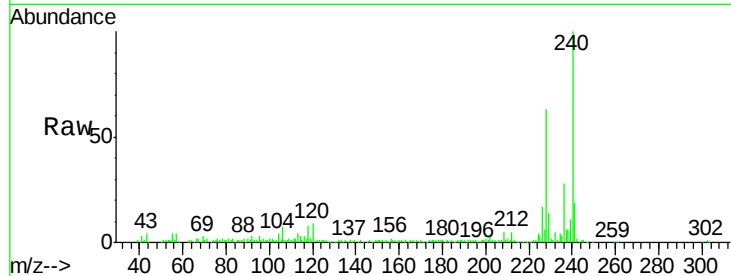
Tgt Ion:240 Resp: 148702

Ion Ratio Lower Upper

240 100

120 8.8 16.2 24.2#

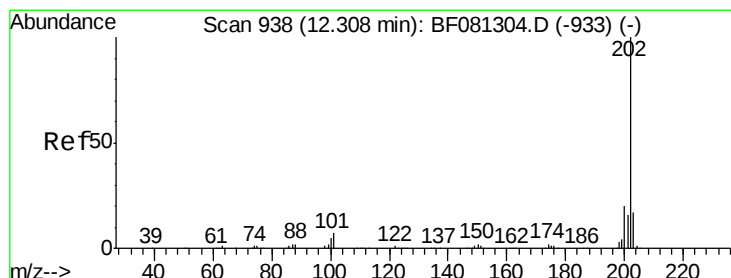
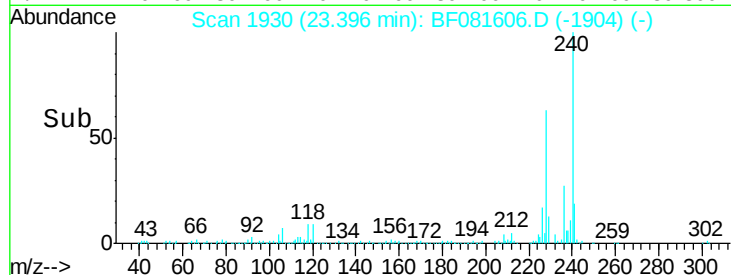
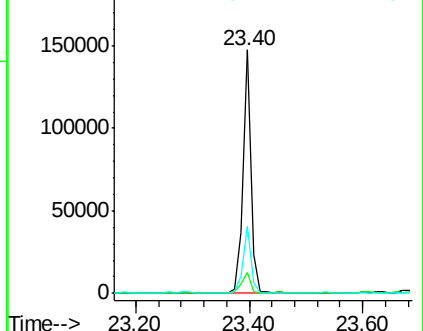
236 27.6 18.4 27.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 76.08 ng

RT: 21.80 min Scan# 1790

Delta R.T. 0.01 min

Lab File: BF081606.D

Acq: 14 Sep 2015 13:57

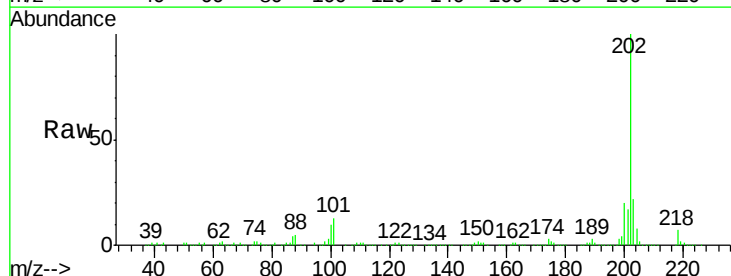
Tgt Ion:202 Resp: 837970

Ion Ratio Lower Upper

202 100

200 19.8 15.0 22.4

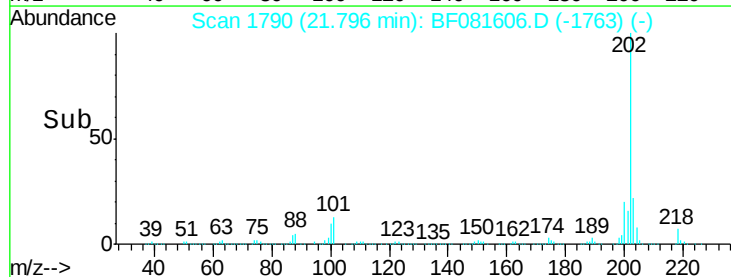
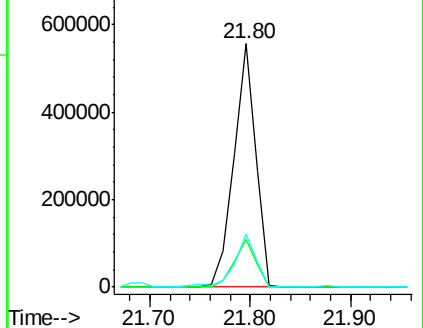
203 21.9 14.1 21.1#

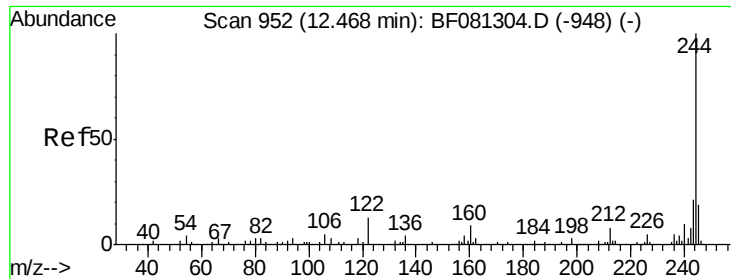


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

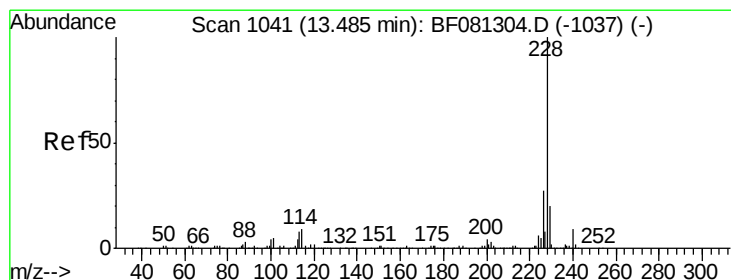
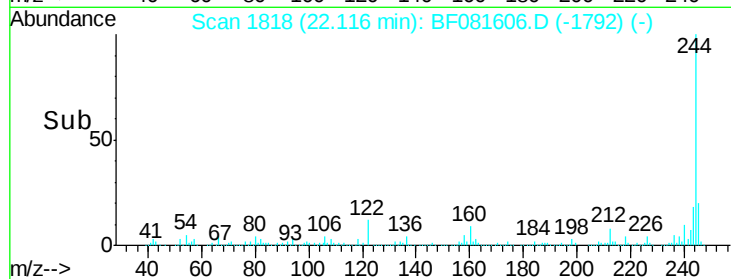
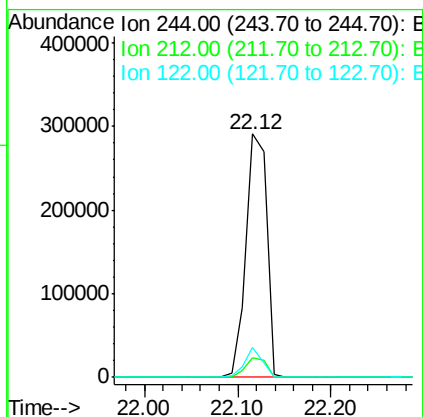
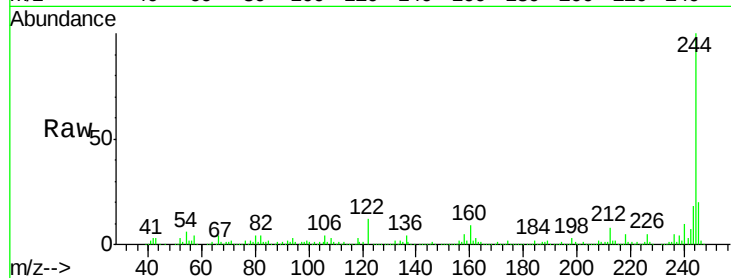




#78
 Terphenyl-d14
 Concen: 70.35 ng
 RT: 22.12 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: BF081606.D
 Acq: 14 Sep 2015 13:57

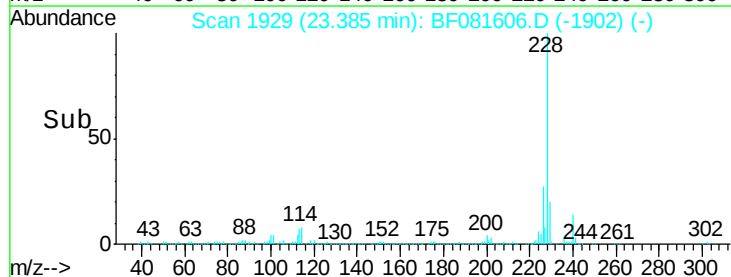
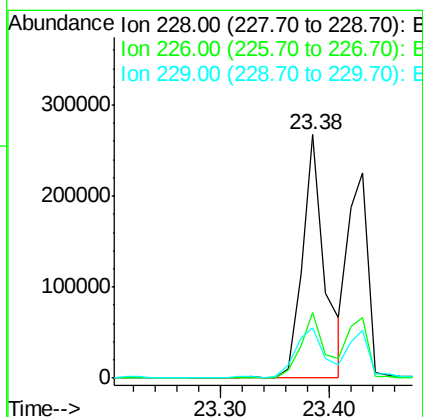
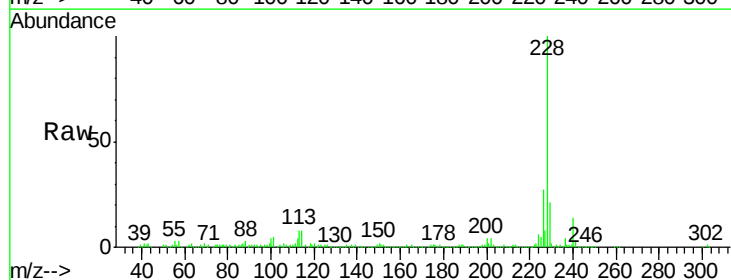
Instrument :
 BNA_F
 ClientSampleId :
 DUP001RE

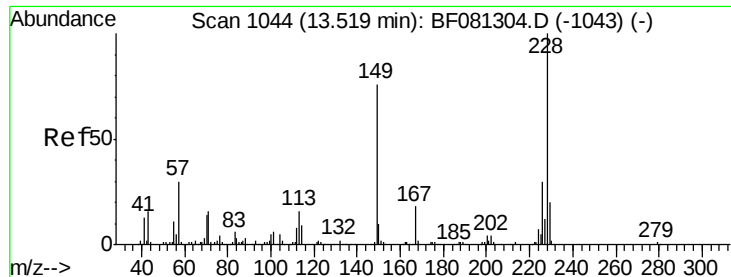
Tgt Ion: 244 Resp: 449367
 Ion Ratio Lower Upper
 244 100
 212 8.1 4.3 6.5#
 122 12.2 17.4 26.2#



#80
 Benzo(a)anthracene
 Concen: 40.00 ng
 RT: 23.38 min Scan# 1929
 Delta R.T. 0.01 min
 Lab File: BF081606.D
 Acq: 14 Sep 2015 13:57

Tgt Ion: 228 Resp: 378819
 Ion Ratio Lower Upper
 228 100
 226 27.1 20.0 30.0
 229 20.6 15.4 23.2

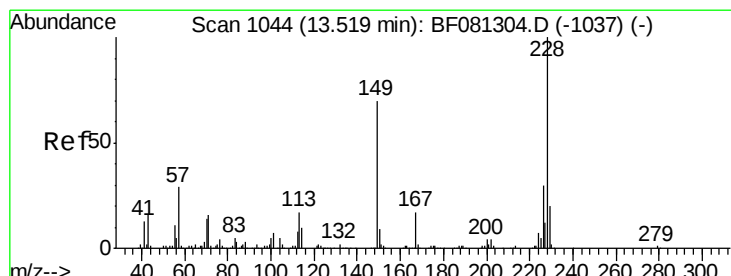
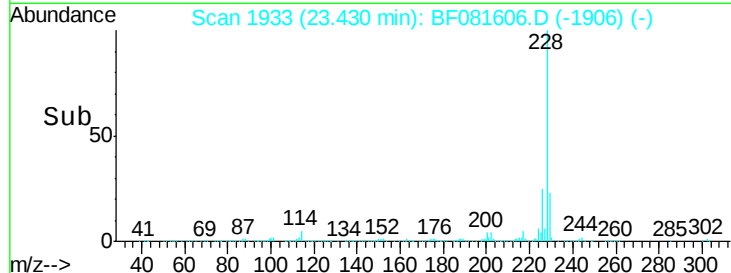
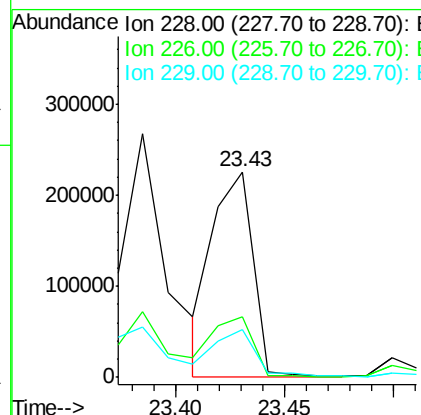
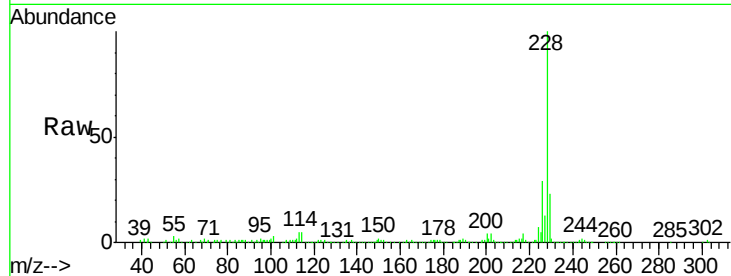




#82
Chrysene
 Concen: 33.91 ng
 RT: 23.43 min Scan# 1933
 Delta R.T. 0.01 min
 Lab File: BF081606.D
 Acq: 14 Sep 2015 13:57

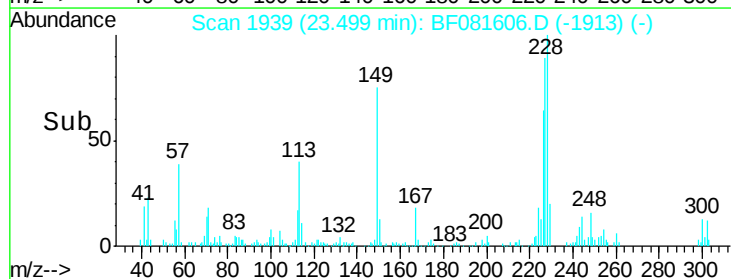
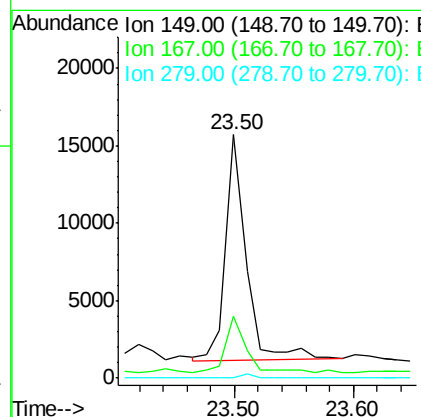
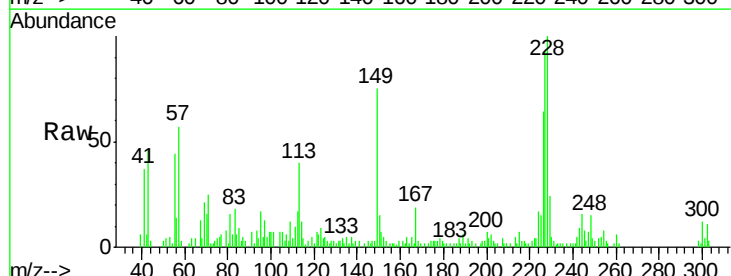
Instrument :
 BNA_F
 ClientSampleId :
 DUP001RE

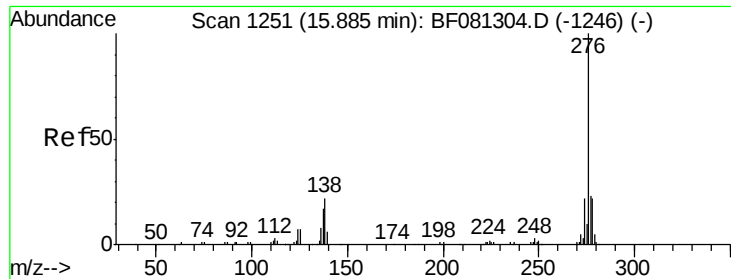
Tgt Ion:	228	Resp:	287839
Ion	Ratio	Lower	Upper
228	100		
226	29.4	21.0	31.4
229	22.9	15.6	23.4



#83
Bis(2-ethylhexyl)phthalate
 Concen: 2.77 ng
 RT: 23.50 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: BF081606.D
 Acq: 14 Sep 2015 13:57

Tgt Ion:	149	Resp:	17507
Ion	Ratio	Lower	Upper
149	100		
167	25.6	24.2	36.2
279	0.0	3.8	5.6#

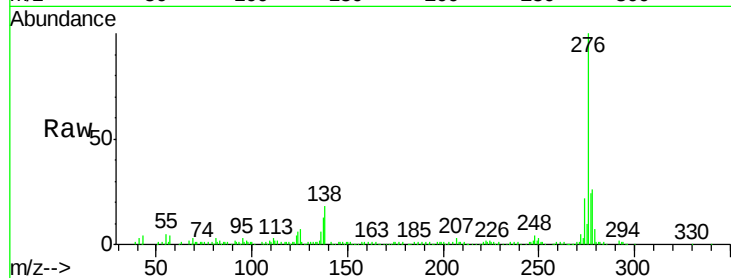




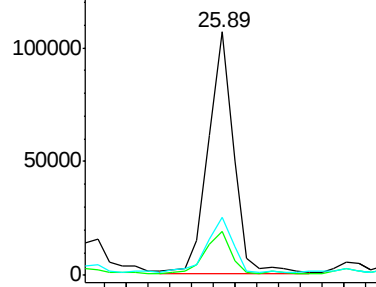
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 27.68 ng
 RT: 25.89 min Scan# 2148
 Delta R.T. 0.01 min
 Lab File: BF081606.D
 Acq: 14 Sep 2015 13:57

Instrument :
 BNA_F
 ClientSampleId :
 DUP001RE

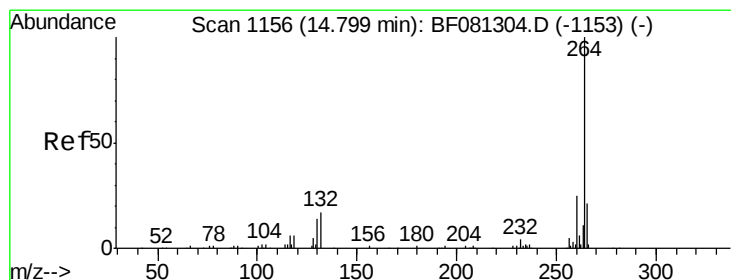
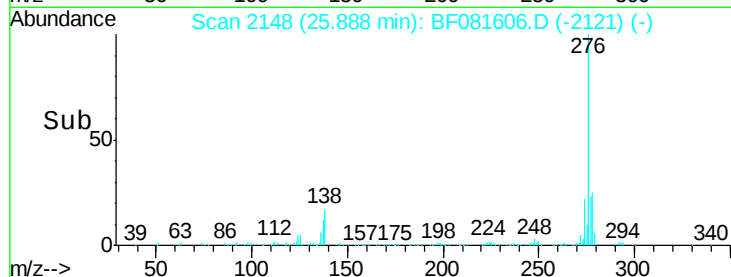
Tgt Ion: 276 Resp: 172397
 Ion Ratio Lower Upper
 276 100
 138 17.9 25.7 38.5#
 277 25.8 15.6 23.4#



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

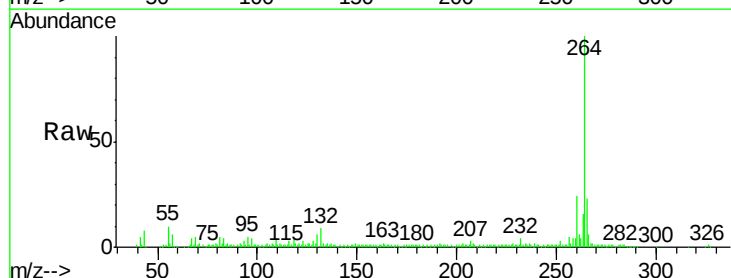


Time-->

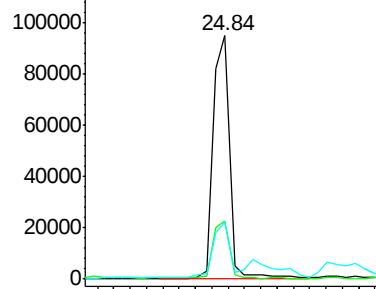


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.84 min Scan# 2056
 Delta R.T. 0.01 min
 Lab File: BF081606.D
 Acq: 14 Sep 2015 13:57

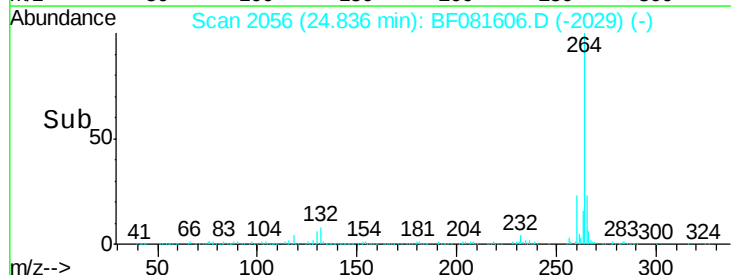
Tgt Ion: 264 Resp: 134272
 Ion Ratio Lower Upper
 264 100
 260 24.0 16.7 25.1
 265 23.3 17.2 25.8

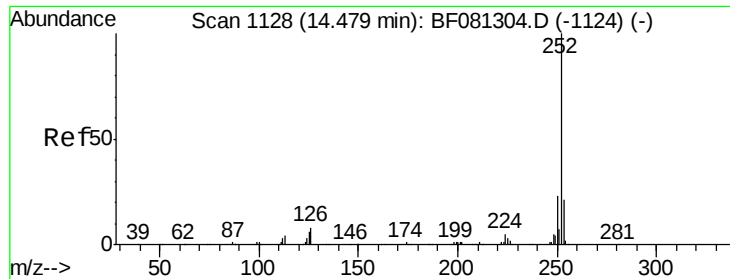


Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E



Time-->

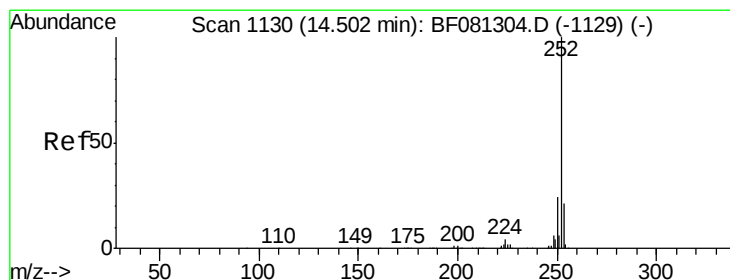
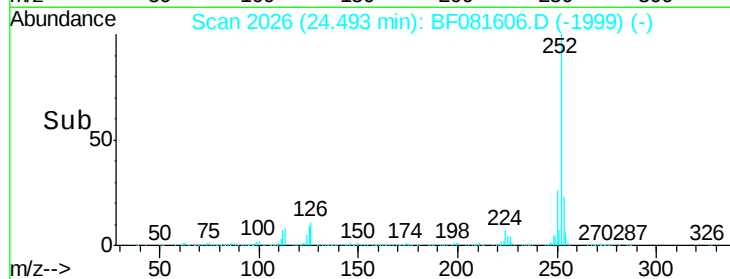
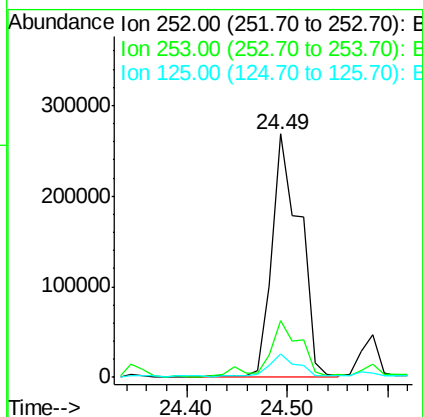
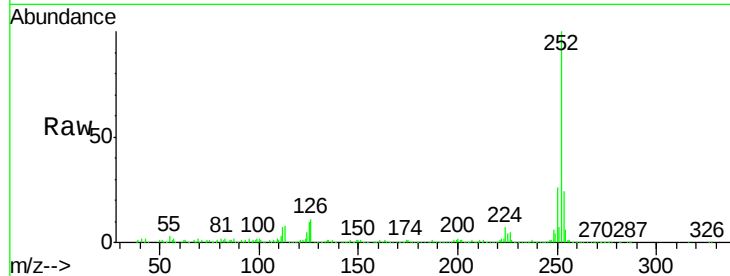




#87
Benzo(b)fluoranthene
Concen: 53.78 ng
RT: 24.49 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF081606.D
Acq: 14 Sep 2015 13:57

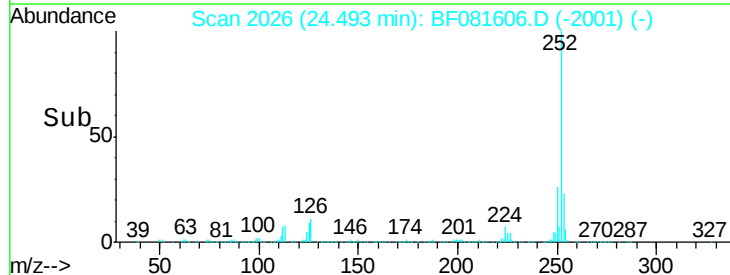
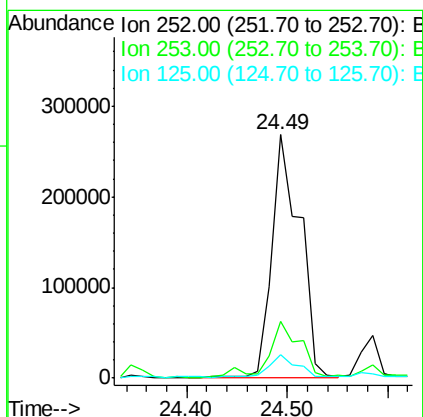
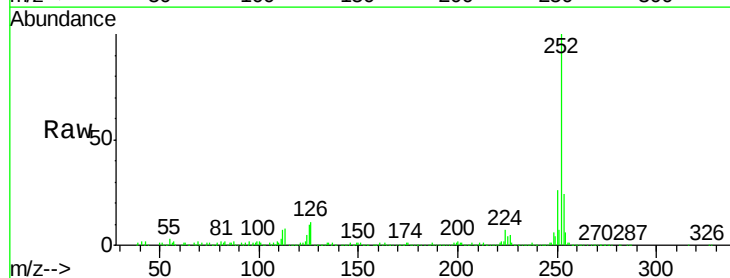
Instrument :
BNA_F
ClientSampleId :
DUP001RE

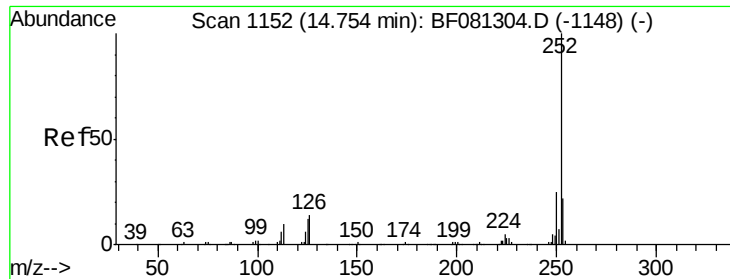
Tgt Ion:252 Resp: 515536
Ion Ratio Lower Upper
252 100
253 23.5 17.5 26.3
125 9.8 17.1 25.7#



#88
Benzo(k)fluoranthene
Concen: 64.81 ng
RT: 24.49 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF081606.D
Acq: 14 Sep 2015 13:57

Tgt Ion:252 Resp: 515536
Ion Ratio Lower Upper
252 100
253 23.5 17.0 25.4
125 9.8 16.0 24.0#





#89

Benzo(a)pyrene

Concen: 34.36 ng

RT: 24.79 min Scan# 2052

Delta R.T. 0.01 min

Lab File: BF081606.D

Acq: 14 Sep 2015 13:57

Instrument :

BNA_F

ClientSampleId :

DUP001RE

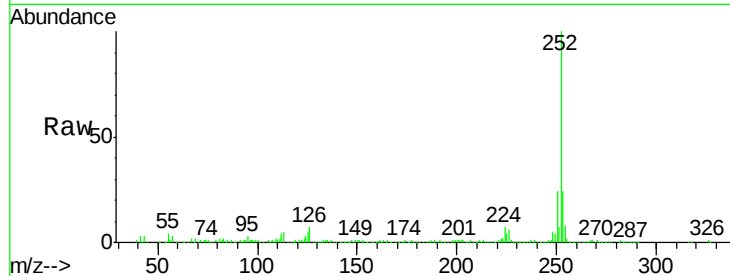
Tgt Ion:252 Resp: 279113

Ion Ratio Lower Upper

252 100

253 23.7 17.2 25.8

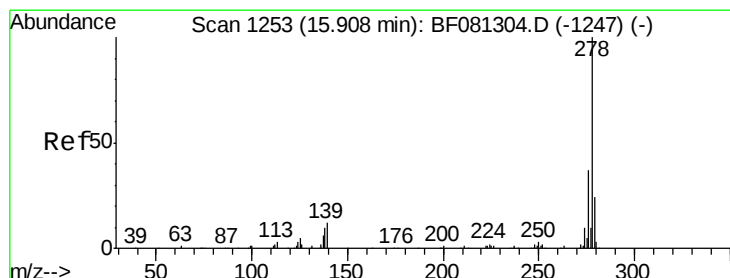
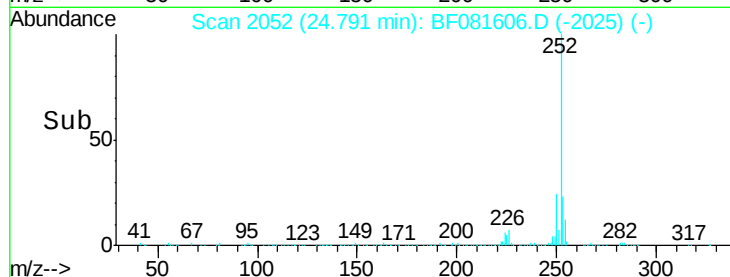
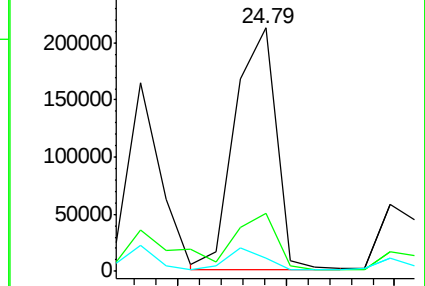
125 5.5 18.0 27.0#



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: 8.10 ng

RT: 25.89 min Scan# 2148

Delta R.T. 0.00 min

Lab File: BF081606.D

Acq: 14 Sep 2015 13:57

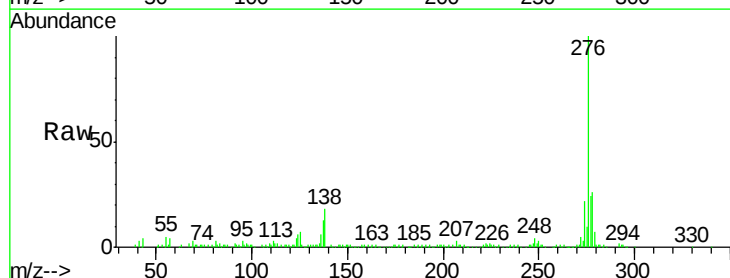
Tgt Ion:278 Resp: 50873

Ion Ratio Lower Upper

278 100

139 0.0 26.3 39.5#

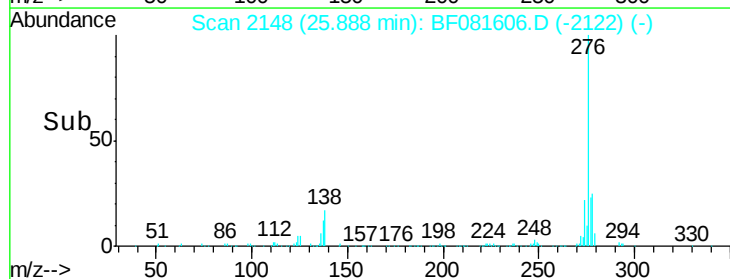
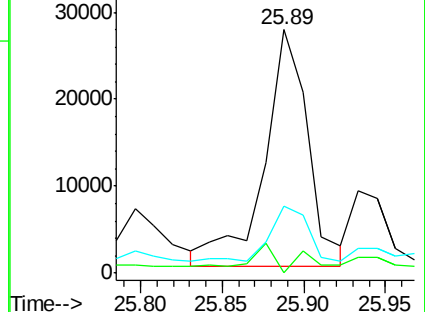
279 27.7 18.2 27.4#

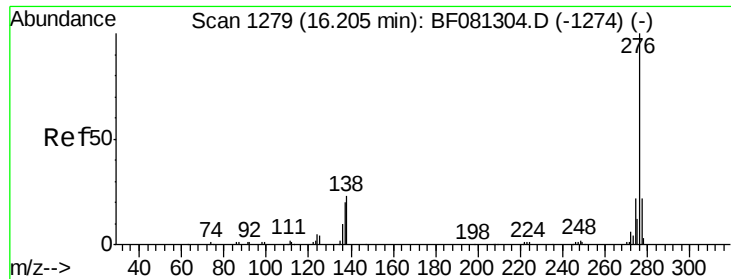


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 24.52 ng
 RT: 26.20 min Scan# 2175
 Delta R.T. 0.01 min
 Lab File: BF081606.D
 Acq: 14 Sep 2015 13:57

Instrument :
 BNA_F
 ClientSampleId :
 DUP001RE

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.0	17.8	26.6
138	16.5	34.6	51.8#

