

Data Path : Z:\HPCHEM1\BNA_F\Data\BF063015\
 Data File : BF080263.D
 Acq On : 1 Jul 2015 7:53
 Operator : TP/IZ
 Sample : G2831-01 5X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1(0-2)

Quant Time: Jul 01 13:20:49 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 23 00:53:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.28	152	33215	20.00	ng	-0.05
21) Naphthalene-d8	8.57	136	137066	20.00	ng	-0.05
38) Acenaphthene-d10	10.34	164	70385	20.00	ng	-0.05
63) Phenanthrene-d10	11.86	188	147616	20.00	ng	-0.05
75) Chrysene-d12	15.00	240	165275	20.00	ng	0.00
86) Perylene-d12	16.97	264	167496	20.00	ng	0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.90	112	63878	34.04	ng	-0.03
7) Phenol-d6	6.89	99	86253	34.54	ng	-0.03
23) Nitrobenzene-d5	7.84	82	52195	22.17	ng	-0.03
41) 2,4,6-Tribromophenol	11.14	330	17573	25.53	ng	-0.03
44) 2-Fluorobiphenyl	9.65	172	100907	20.45	ng	-0.05
78) Terphenyl-d14	13.64	244	122570	17.32	ng	-0.03

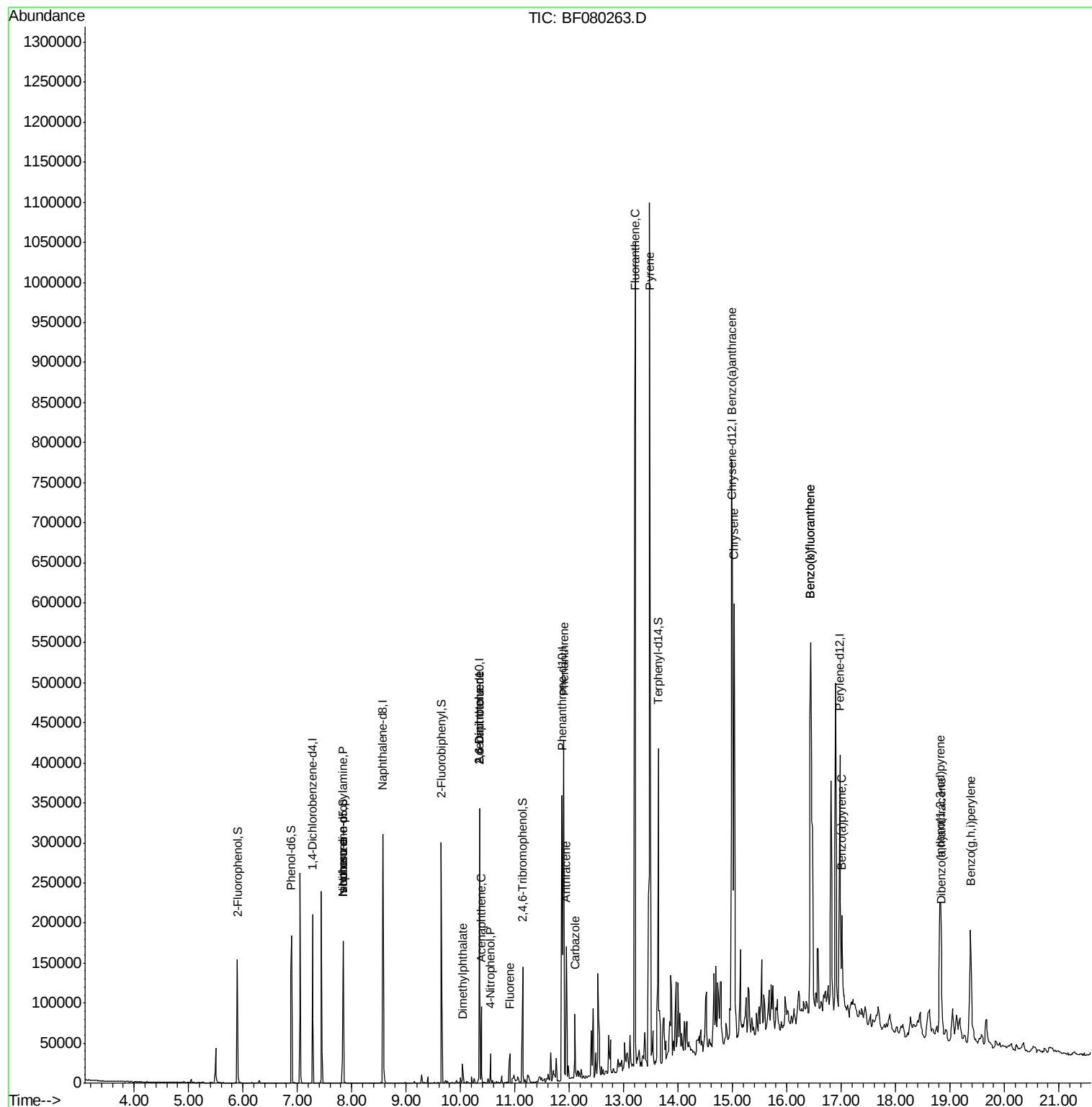
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.84	70	6433	3.71	ng	# 60
25) Isophorone	7.84	82	52194	11.02	ng	# 58
49) Dimethylphthalate	10.04	163	11694	2.21	ng	# 96
50) 2,6-Dinitrotoluene	10.34	165	9206	8.68	ng	# 37
51) Acenaphthene	10.38	154	19498	4.11	ng	90
55) 4-Nitrophenol	10.55	139	5041	5.15	ng	# 25
56) 2,4-Dinitrotoluene	10.34	165	9205	6.84	ng	# 31
57) Fluorene	10.90	166	14058	2.63	ng	90
70) Phenanthrene	11.90	178	251632	28.16	ng	97
71) Anthracene	11.94	178	73691	8.56	ng	98
72) Carbazole	12.10	167	30099	3.66	ng	95
74) Fluoranthene	13.21	202	575458	60.46	ng	88
77) Pyrene	13.48	202	523826	51.48	ng	96
80) Benzo(a)anthracene	14.99	228	311220	30.91	ng	95
82) Chrysene	15.03	228	248750	26.79	ng	93
85) Indeno(1,2,3-cd)pyrene	18.81	276	147922	12.63	ng	# 90
87) Benzo(b)fluoranthene	16.44	252	458729	45.23	ng	# 88
88) Benzo(k)fluoranthene	16.44	252	458729	44.42	ng	# 89
89) Benzo(a)pyrene	17.01	252	68222	7.08	ng	92
90) Dibenzo(a,h)anthracene	18.84	278	35069	3.56	ng	# 82
91) Benzo(g,h,i)perylene	19.37	276	138047	13.87	ng	# 78

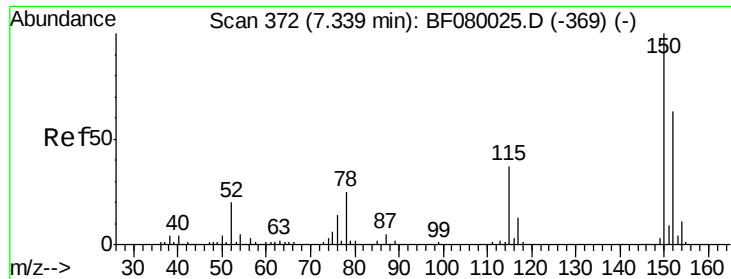
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.28 min Scan# 367

Delta R.T. -0.05 min

Lab File: BF080263.D

Acq: 1 Jul 2015 7:53

Instrument :

BNA_F

ClientSampleId :

SP-1(0-2)

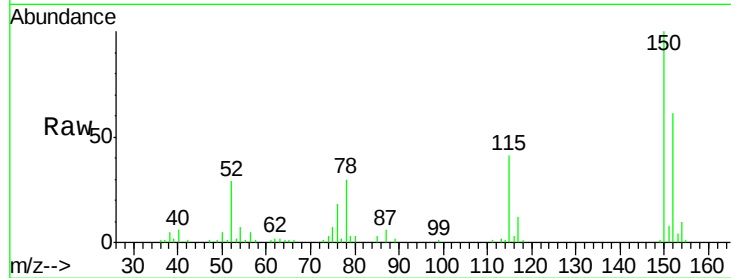
Tgt Ion:152 Resp: 33215

Ion Ratio Lower Upper

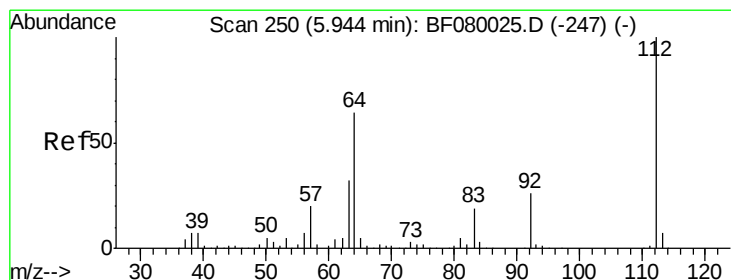
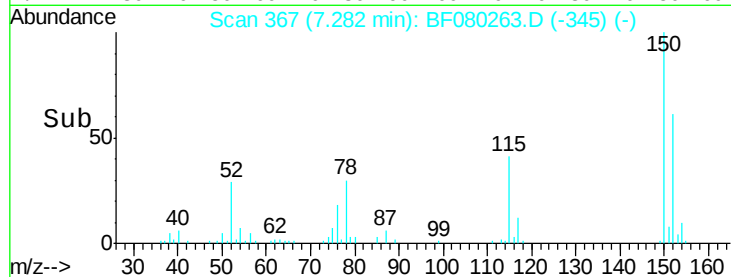
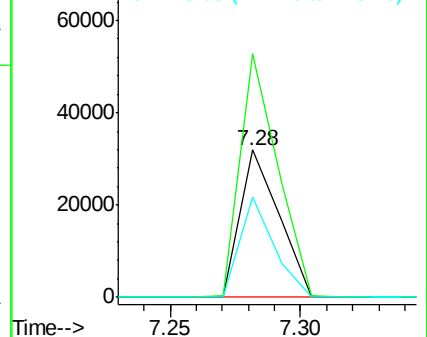
152 100

150 165.2 124.7 187.1

115 68.5 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: 34.04 ng

RT: 5.90 min Scan# 246

Delta R.T. -0.03 min

Lab File: BF080263.D

Acq: 1 Jul 2015 7:53

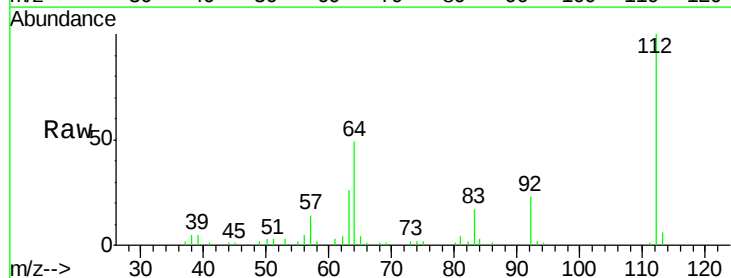
Tgt Ion:112 Resp: 63878

Ion Ratio Lower Upper

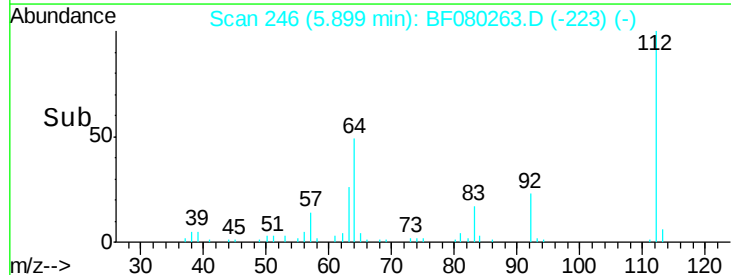
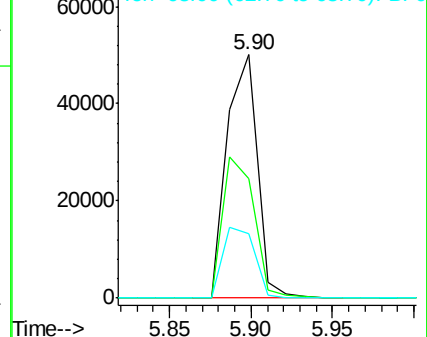
112 100

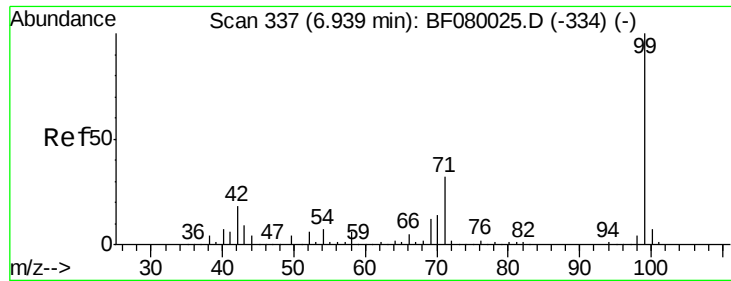
64 49.2 39.7 59.5

63 26.3 17.4 26.0#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 34.54 ng

RT: 6.89 min Scan# 333

Delta R.T. -0.03 min

Lab File: BF080263.D

Acq: 1 Jul 2015 7:53

Instrument :

BNA_F

ClientSampleId :

SP-1(0-2)

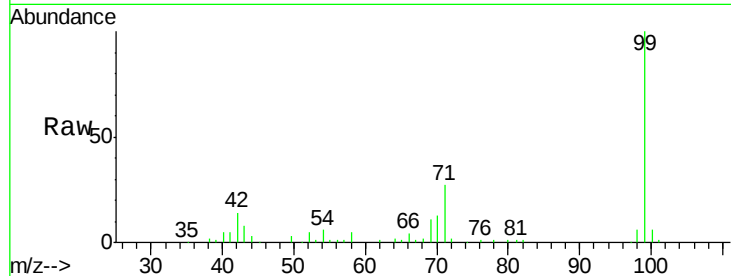
Tgt Ion: 99 Resp: 86253

Ion Ratio Lower Upper

99 100

42 13.7 13.7 20.5

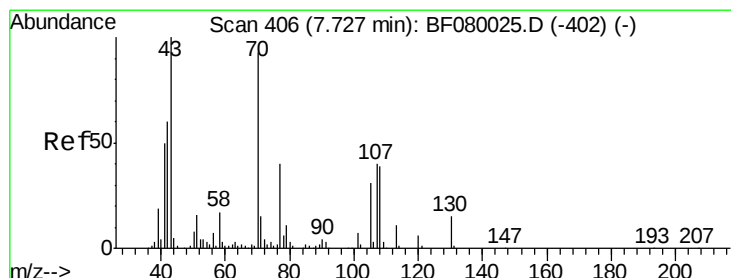
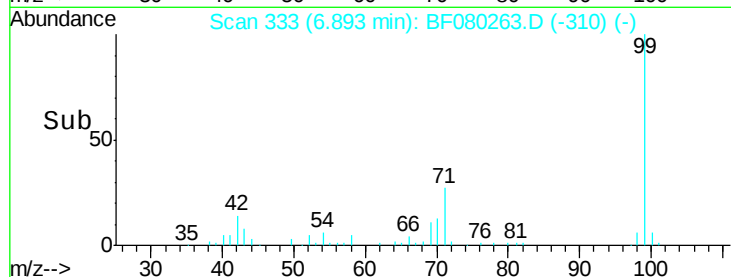
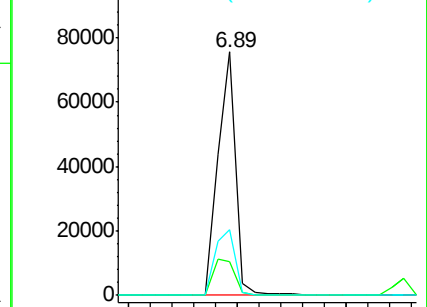
71 27.0 14.2 21.2#



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: 3.71 ng

RT: 7.84 min Scan# 416

Delta R.T. 0.13 min

Lab File: BF080263.D

Acq: 1 Jul 2015 7:53

Tgt Ion: 70 Resp: 6433

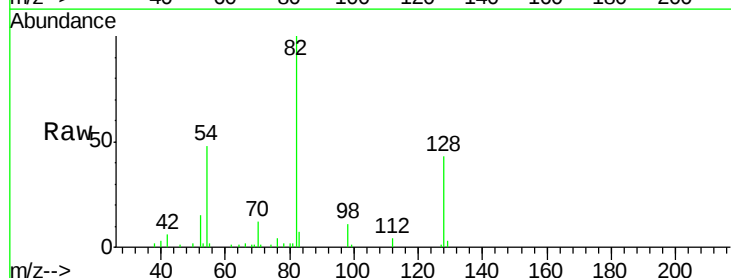
Ion Ratio Lower Upper

70 100

42 51.0 63.8 95.6#

101 0.0 9.2 13.8#

130 0.0 27.3 40.9#

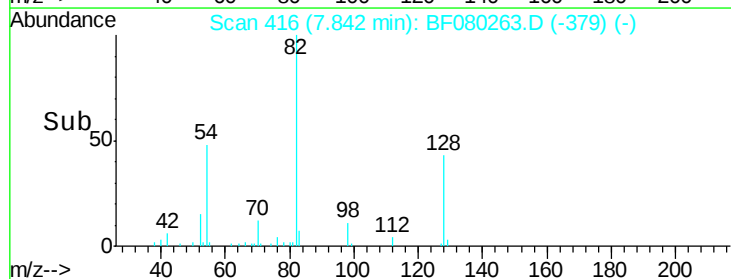
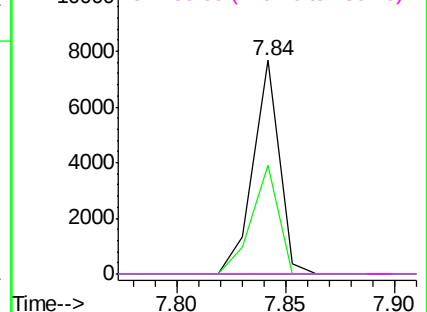


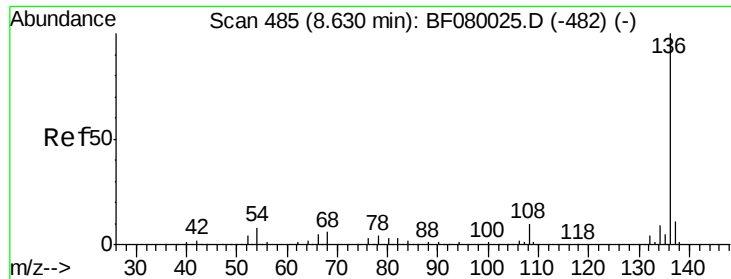
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

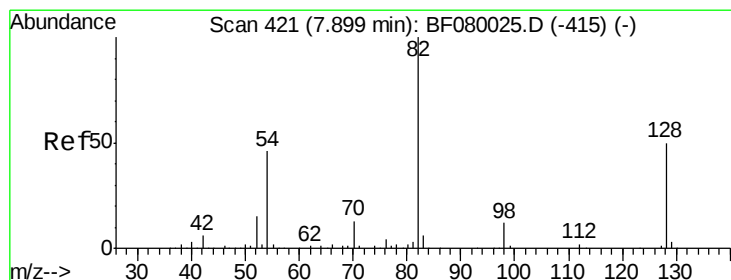
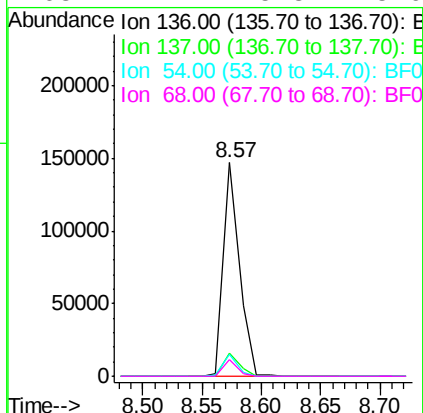
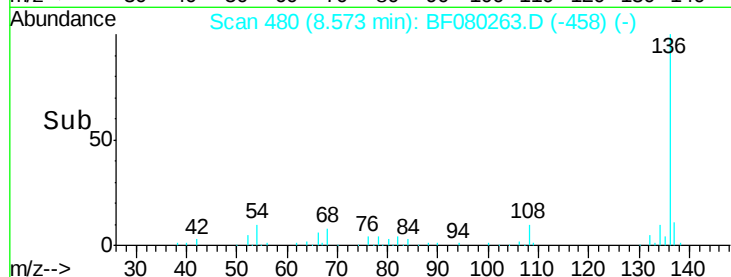
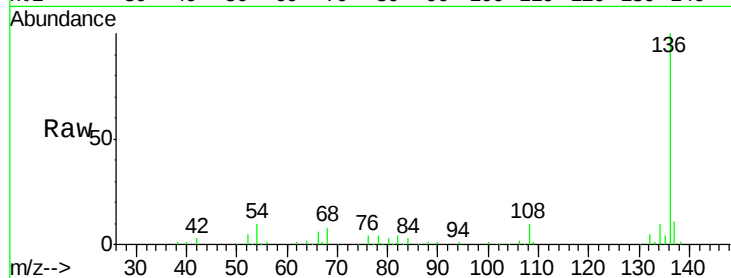




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.57 min Scan# 480
Delta R.T. -0.05 min
Lab File: BF080263.D
Acq: 1 Jul 2015 7:53

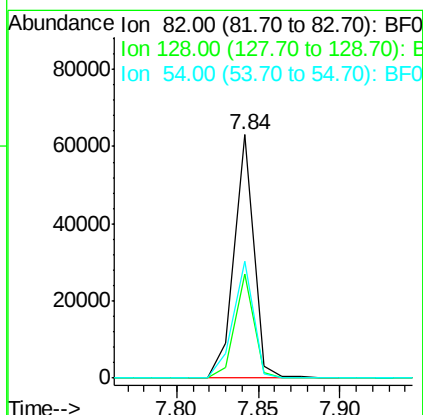
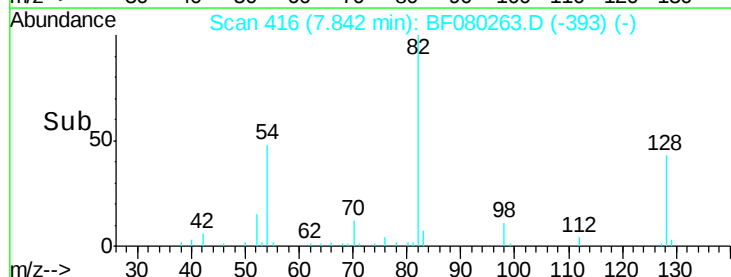
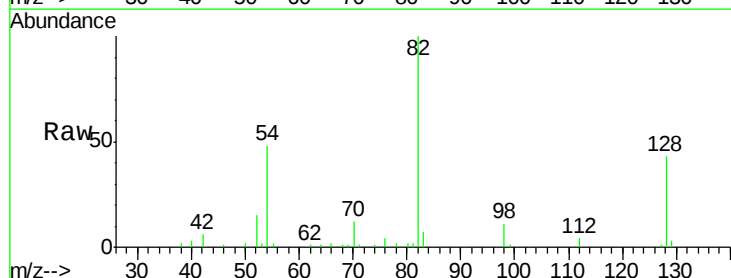
Instrument :
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SP-1(0-2)

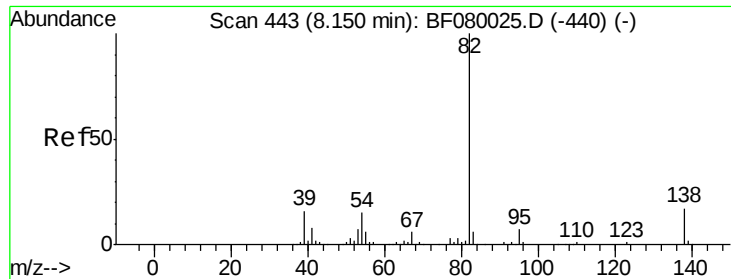
Tgt Ion:	136	Resp:	137066
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	10.4	8.2	12.2
68	7.7	5.8	8.6



#23
Nitrobenzene-d5
Concen: 22.17 ng
RT: 7.84 min Scan# 416
Delta R.T. -0.03 min
Lab File: BF080263.D
Acq: 1 Jul 2015 7:53

Tgt Ion:	82	Resp:	52195
Ion	Ratio	Lower	Upper
82	100		
128	42.9	51.0	76.6#
54	48.0	47.5	71.3





#25

Isophorone

Concen: 11.02 ng

RT: 7.84 min Scan# 416

Delta R.T. -0.30 min

Lab File: BF080263.D

Acq: 1 Jul 2015 7:53

Instrument :

BNA_F

ClientSampleId :

SP-1(0-2)

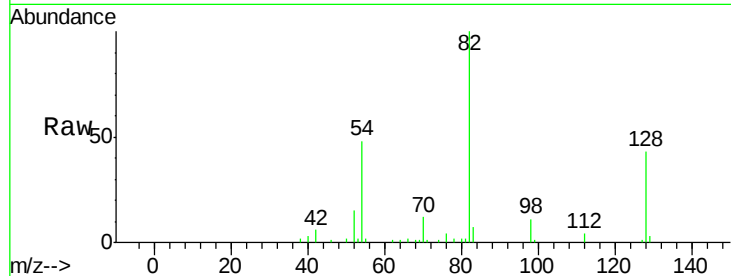
Tgt Ion: 82 Resp: 52194

Ion Ratio Lower Upper

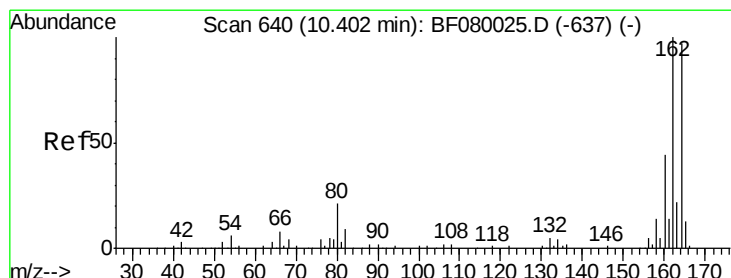
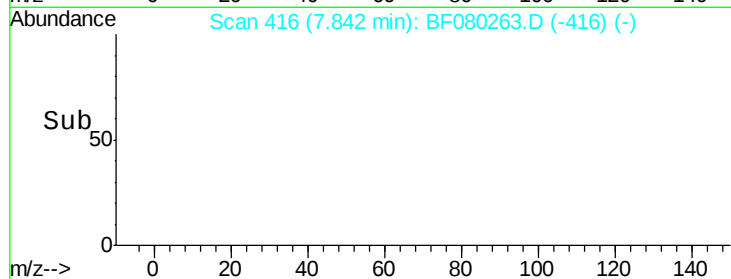
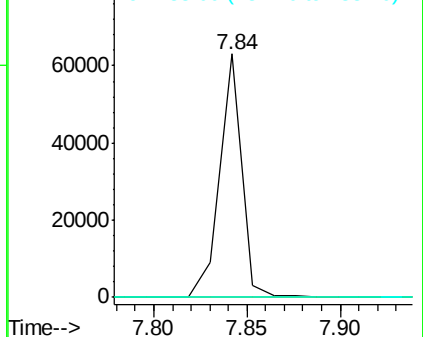
82 100

95 0.0 4.0 6.0#

138 0.0 18.3 27.5#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.34 min Scan# 635

Delta R.T. -0.05 min

Lab File: BF080263.D

Acq: 1 Jul 2015 7:53

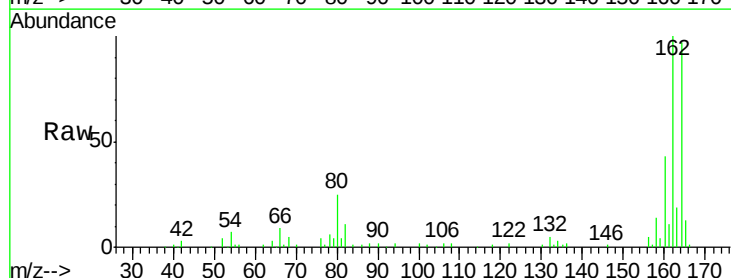
Tgt Ion: 164 Resp: 70385

Ion Ratio Lower Upper

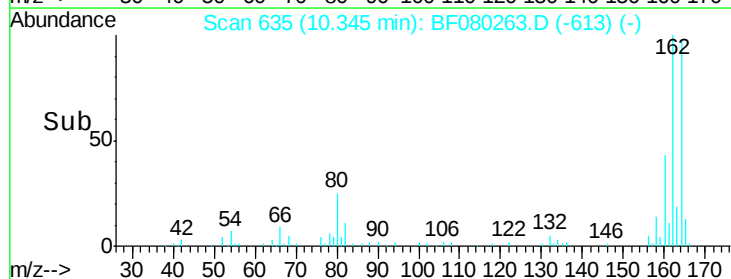
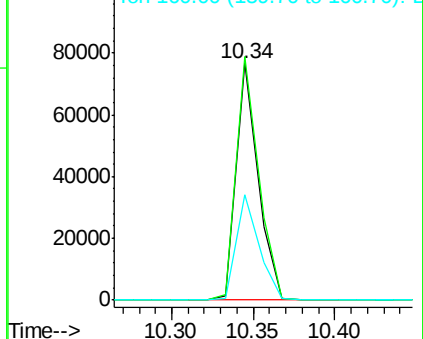
164 100

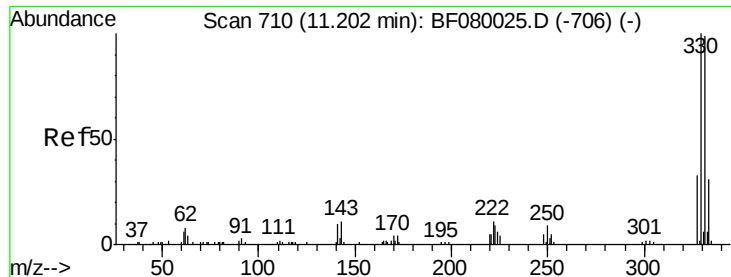
162 102.8 75.2 112.8

160 44.4 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

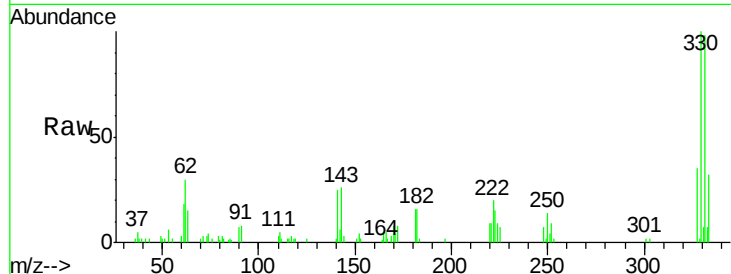




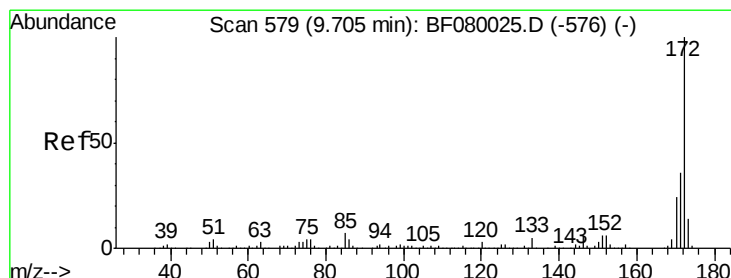
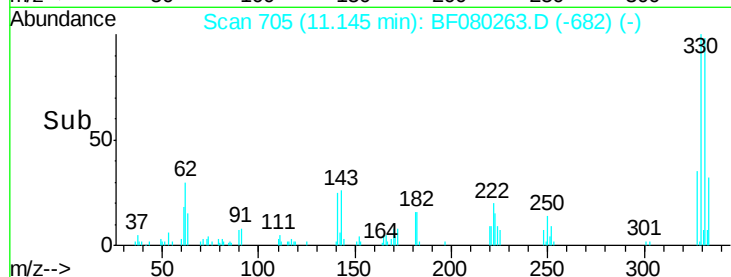
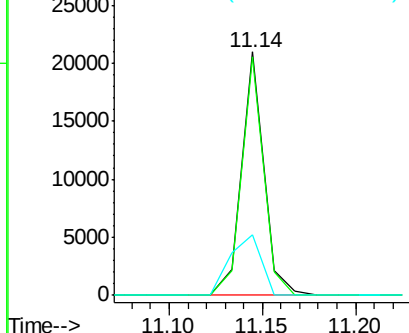
#41
 2,4,6-Tribromophenol
 Concen: 25.53 ng
 RT: 11.14 min Scan# 705
 Delta R.T. -0.03 min
 Lab File: BF080263.D
 Acq: 1 Jul 2015 7:53

Instrument :
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 SP-1(0-2)

Tgt Ion:330 Resp: 17573
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.6 114.8
 141 34.6 29.7 44.5

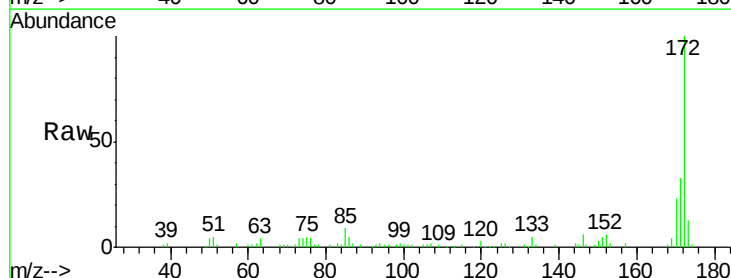


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

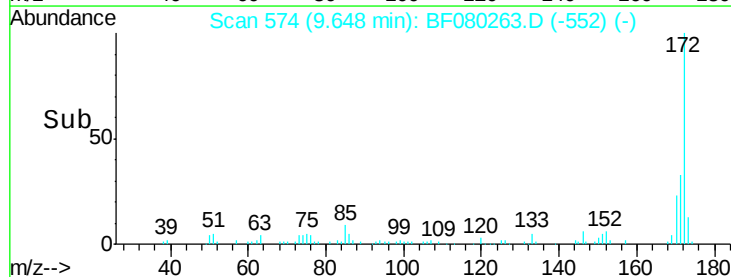
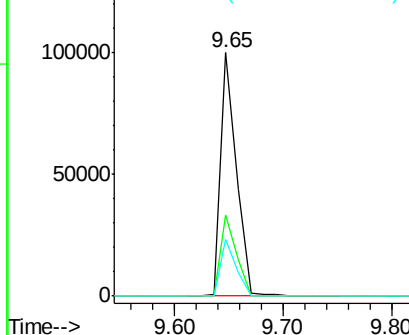


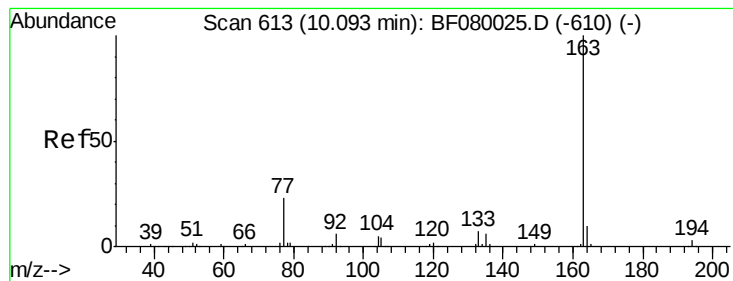
#44
 2-Fluorobiphenyl
 Concen: 20.45 ng
 RT: 9.65 min Scan# 574
 Delta R.T. -0.05 min
 Lab File: BF080263.D
 Acq: 1 Jul 2015 7:53

Tgt Ion:172 Resp: 100907
 Ion Ratio Lower Upper
 172 100
 171 33.4 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: 2.21 ng

RT: 10.04 min Scan# 608

Delta R.T. -0.05 min

Lab File: BF080263.D

Acq: 1 Jul 2015 7:53

Instrument :

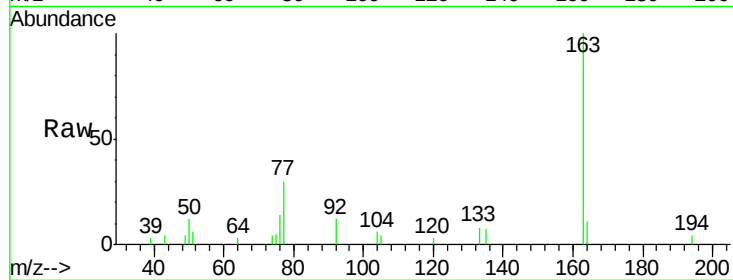
BNA_F

ClientSampleId :

SP-1(0-2)

Tgt Ion:163 Resp: 11694

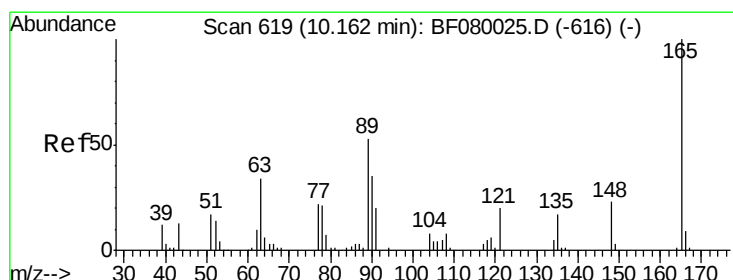
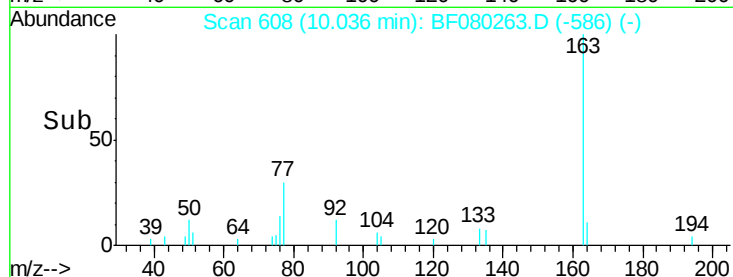
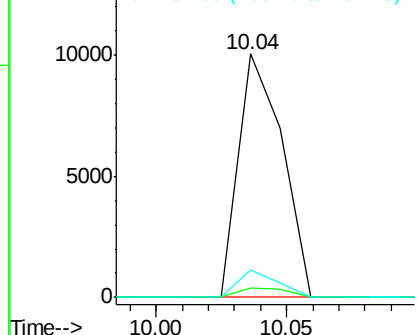
Ion	Ratio	Lower	Upper
163	100		
194	3.6	4.4	6.6#
164	11.4	8.3	12.5



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



#50

2,6-Dinitrotoluene

Concen: 8.68 ng

RT: 10.34 min Scan# 635

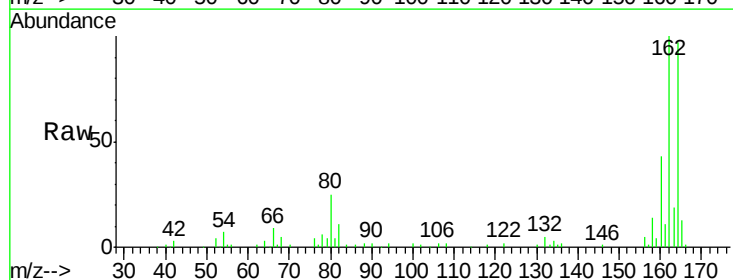
Delta R.T. 0.19 min

Lab File: BF080263.D

Acq: 1 Jul 2015 7:53

Tgt Ion:165 Resp: 9206

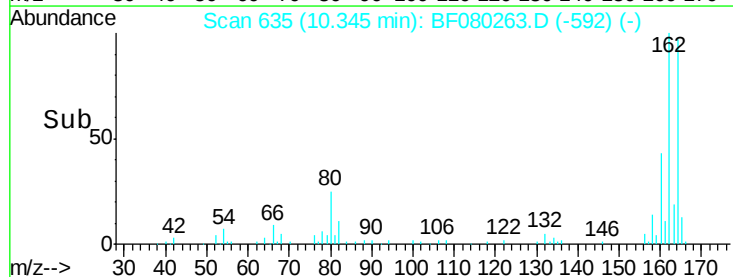
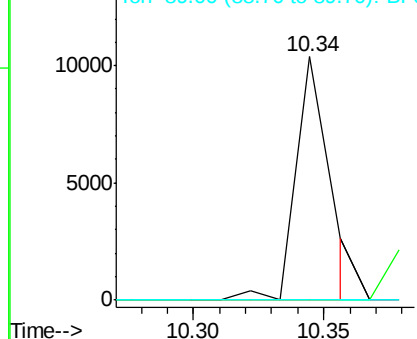
Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.3	48.5#
89	0.0	28.6	43.0#

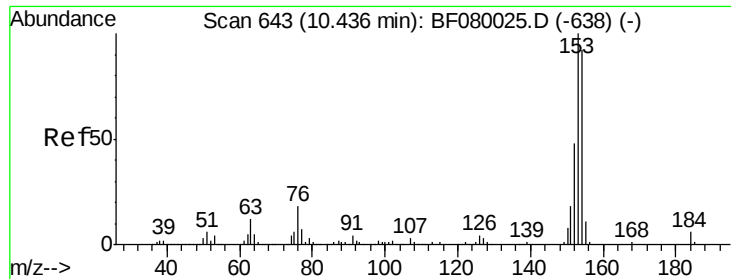


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 4.11 ng

RT: 10.38 min Scan# 638

Delta R.T. -0.05 min

Lab File: BF080263.D

Acq: 1 Jul 2015 7:53

Instrument :

BNA_F

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SP-1(0-2)

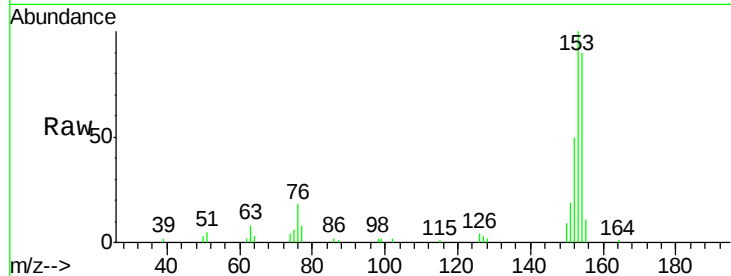
Tgt Ion:154 Resp: 19498

Ion Ratio Lower Upper

154 100

153 111.3 82.1 123.1

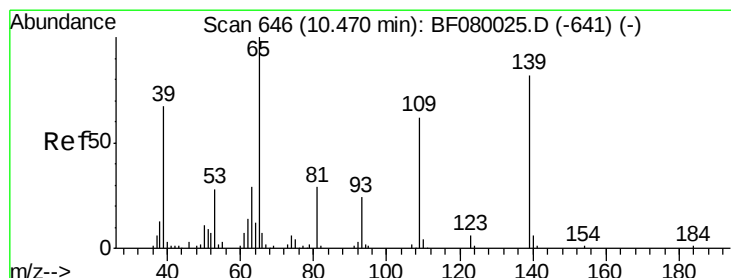
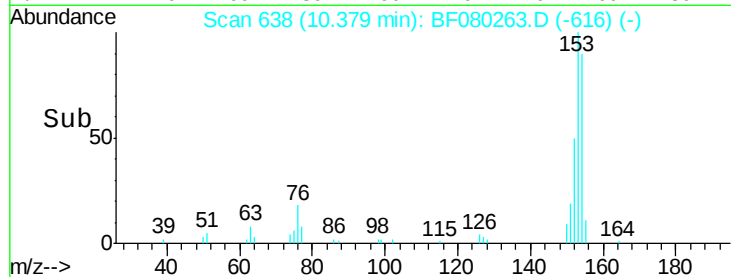
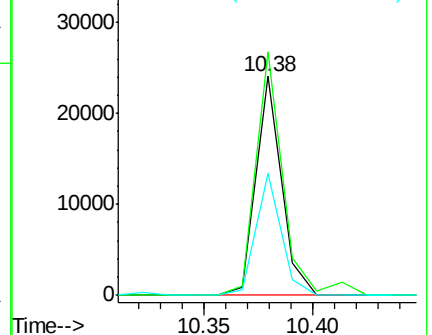
152 56.0 37.9 56.9



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



#55

4-Nitrophenol

Concen: 5.15 ng

RT: 10.55 min Scan# 653

Delta R.T. 0.09 min

Lab File: BF080263.D

Acq: 1 Jul 2015 7:53

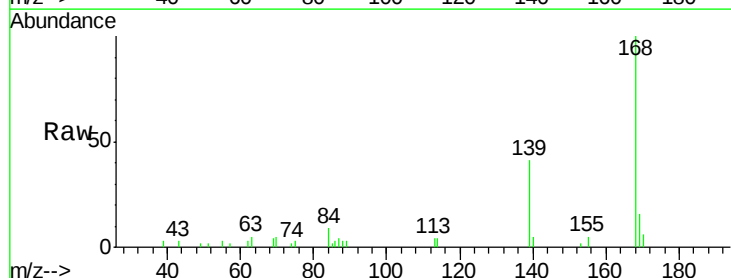
Tgt Ion:139 Resp: 5041

Ion Ratio Lower Upper

139 100

109 0.0 12.7 52.7#

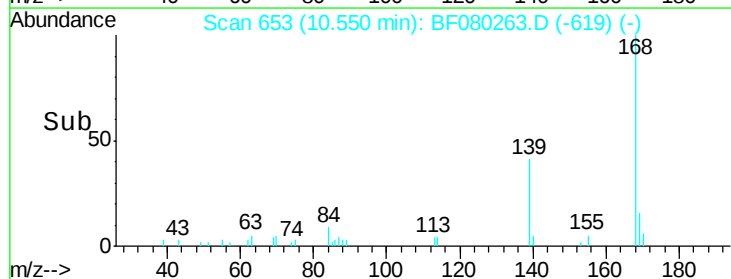
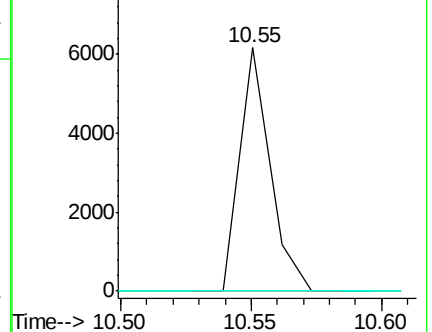
65 0.0 45.9 85.9#

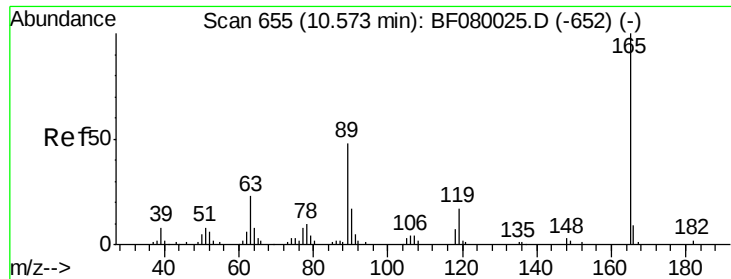


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

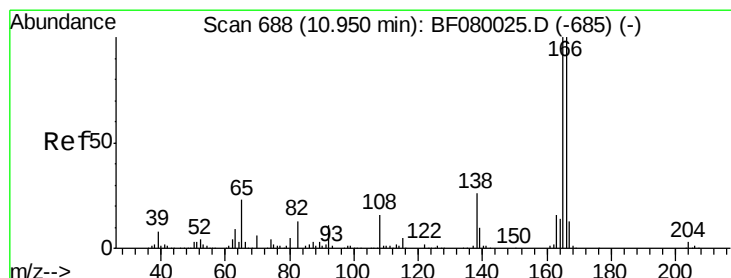
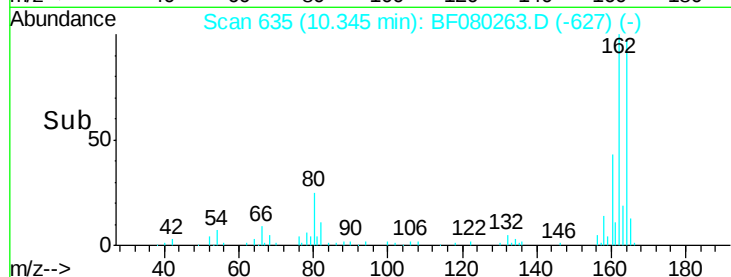
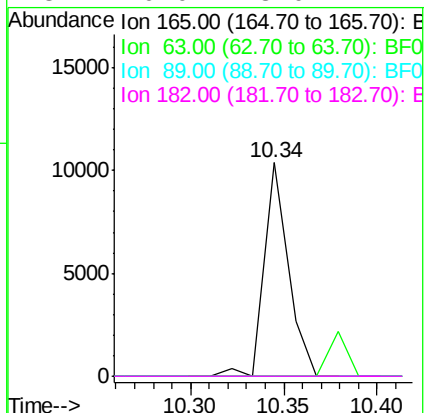
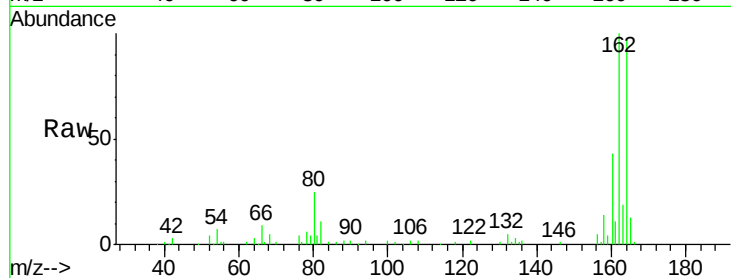




#56
2,4-Dinitrotoluene
Concen: 6.84 ng
RT: 10.34 min Scan# 635
Delta R.T. -0.21 min
Lab File: BF080263.D
Acq: 1 Jul 2015 7:53

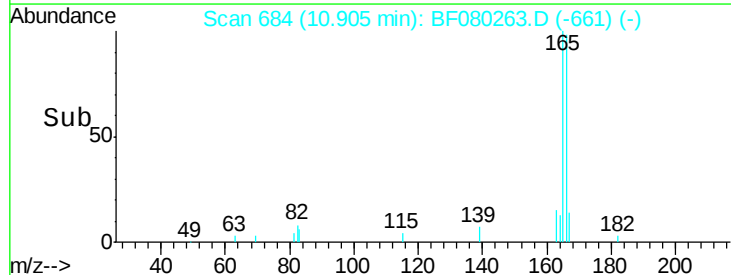
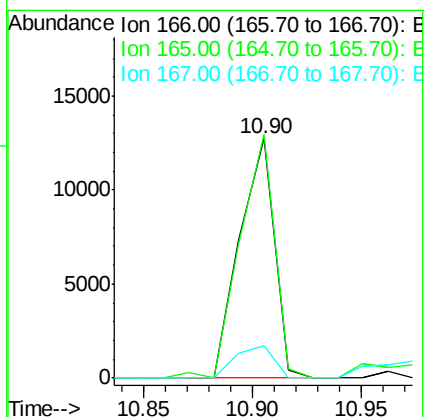
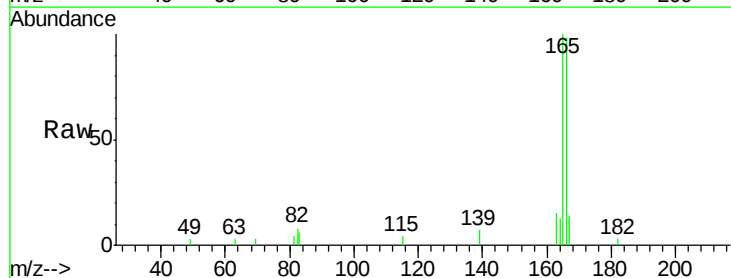
Instrument :
BNA_F
ClientSampleId :
SP-1(0-2)

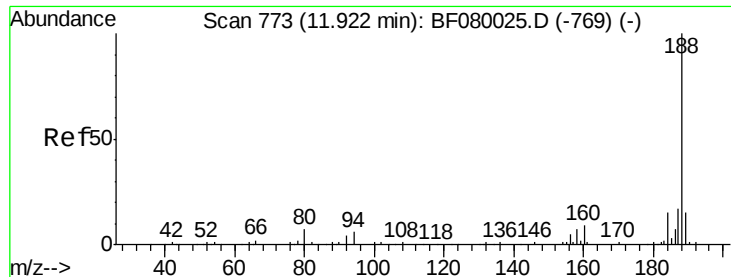
Tgt Ion:	165	Resp:	9205
Ion	Ratio	Lower	Upper
165	100		
63	0.0	29.8	44.6#
89	0.0	44.5	66.7#
182	0.0	3.0	4.4#



#57
Fluorene
Concen: 2.63 ng
RT: 10.90 min Scan# 684
Delta R.T. -0.03 min
Lab File: BF080263.D
Acq: 1 Jul 2015 7:53

Tgt Ion:	166	Resp:	14058
Ion	Ratio	Lower	Upper
166	100		
165	101.6	72.6	109.0
167	13.7	10.6	16.0

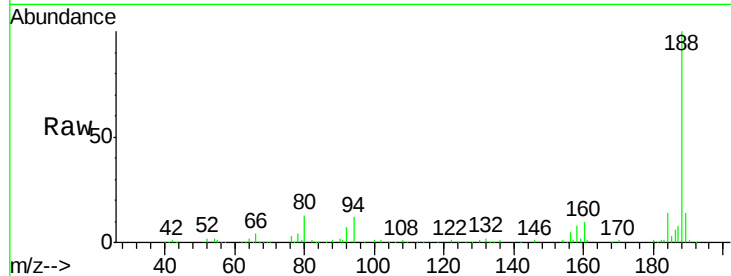




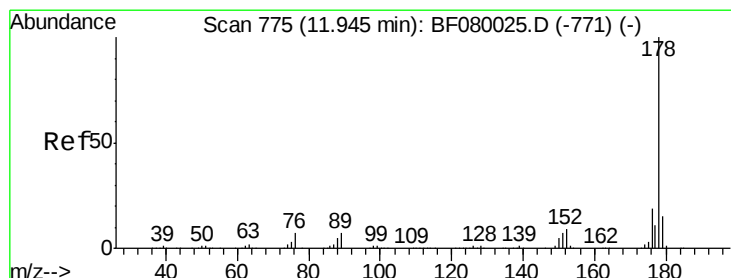
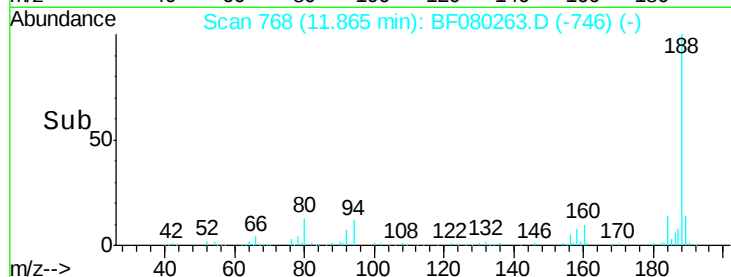
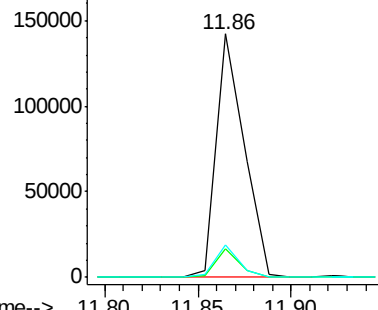
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.86 min Scan# 768
 Delta R.T. -0.05 min
 Lab File: BF080263.D
 Acq: 1 Jul 2015 7:53

Instrument :
 BNA_F
 ClientSampleId :
 SP-1(0-2)

Tgt Ion:188 Resp: 147616
 Ion Ratio Lower Upper
 188 100
 94 11.6 11.1 16.7
 80 13.4 11.0 16.4

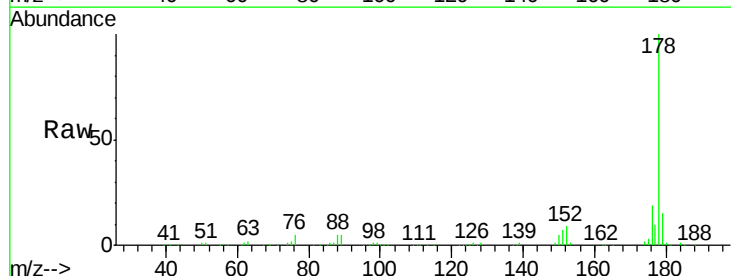


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

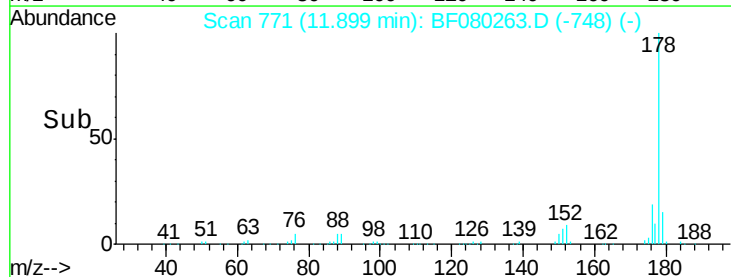
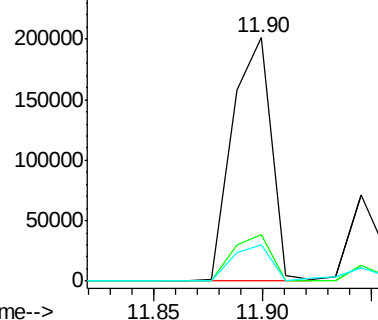


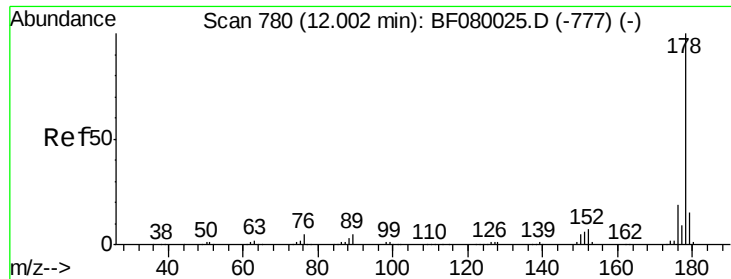
#70
 Phenanthrene
 Concen: 28.16 ng
 RT: 11.90 min Scan# 771
 Delta R.T. -0.03 min
 Lab File: BF080263.D
 Acq: 1 Jul 2015 7:53

Tgt Ion:178 Resp: 251632
 Ion Ratio Lower Upper
 178 100
 176 19.2 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

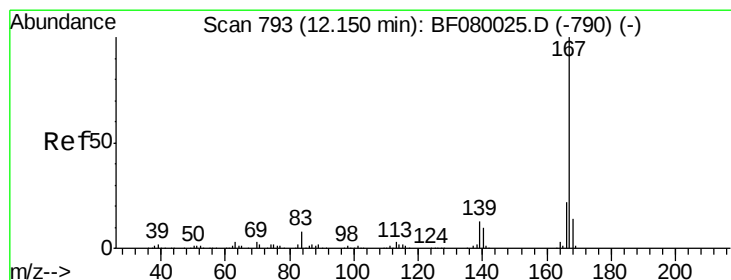
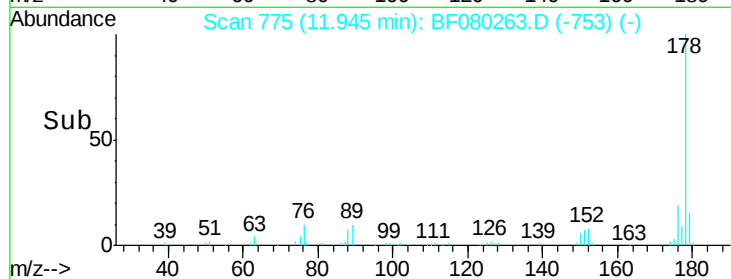
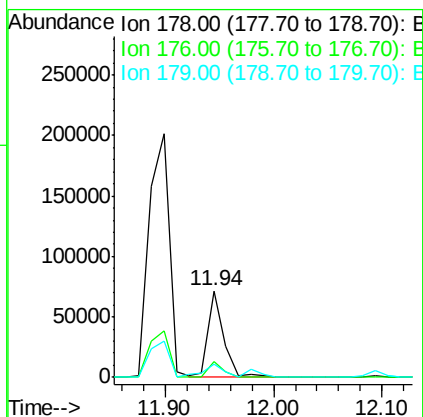
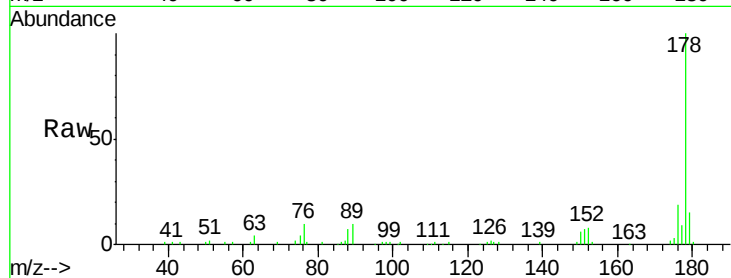




#71
 Anthracene
 Concen: 8.56 ng
 RT: 11.94 min Scan# 775
 Delta R.T. -0.05 min
 Lab File: BF080263.D
 Acq: 1 Jul 2015 7:53

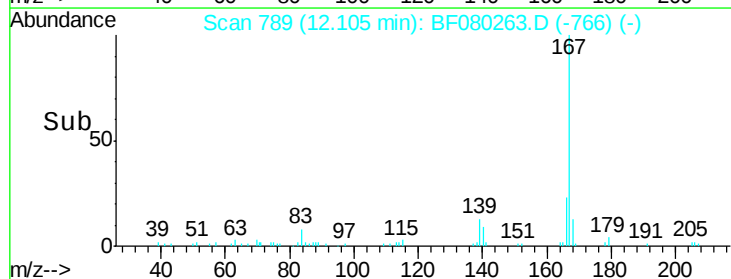
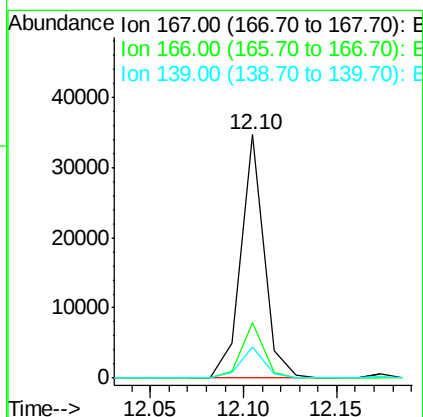
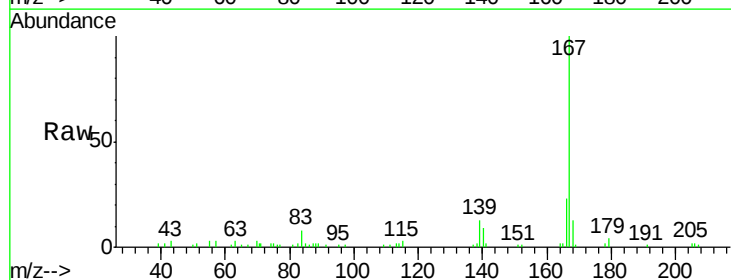
Instrument :
 BNA_F
 ClientSampleId :
 SP-1(0-2)

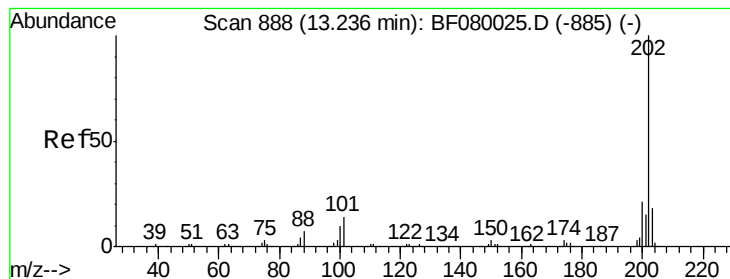
Tgt Ion:178 Resp: 73691
 Ion Ratio Lower Upper
 178 100
 176 18.8 14.1 21.1
 179 14.7 12.2 18.2



#72
 Carbazole
 Concen: 3.66 ng
 RT: 12.10 min Scan# 789
 Delta R.T. -0.03 min
 Lab File: BF080263.D
 Acq: 1 Jul 2015 7:53

Tgt Ion:167 Resp: 30099
 Ion Ratio Lower Upper
 167 100
 166 22.6 15.7 23.5
 139 12.9 9.5 14.3





#74

Fluoranthene

Concen: 60.46 ng

RT: 13.21 min Scan# 886

Delta R.T. -0.03 min

Lab File: BF080263.D

Acq: 1 Jul 2015 7:53

Instrument :

BNA_F

ClientSampleId :

SP-1(0-2)

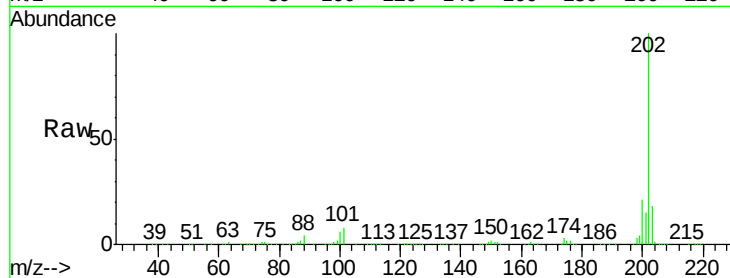
Tgt Ion:202 Resp: 575458

Ion Ratio Lower Upper

202 100

101 8.4 0.0 38.3

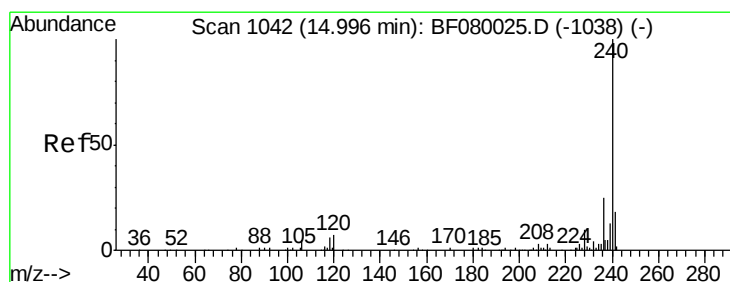
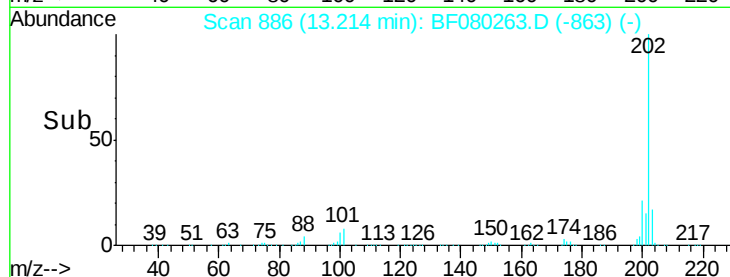
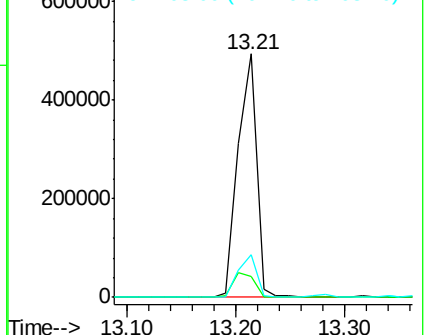
203 17.6 0.0 37.3



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.00 min Scan# 1042

Delta R.T. -0.00 min

Lab File: BF080263.D

Acq: 1 Jul 2015 7:53

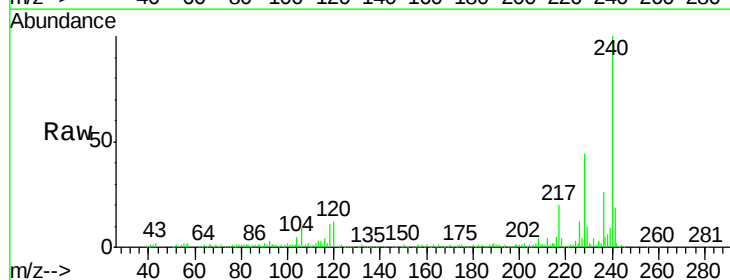
Tgt Ion:240 Resp: 165275

Ion Ratio Lower Upper

240 100

120 12.2 16.2 24.2#

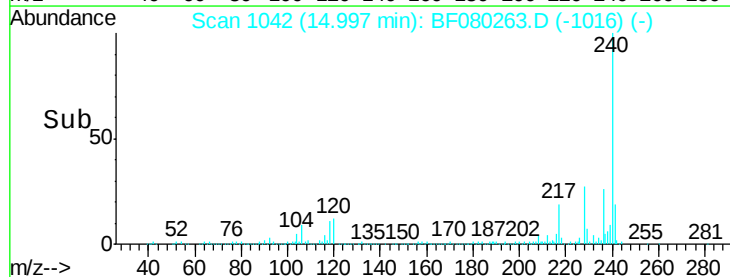
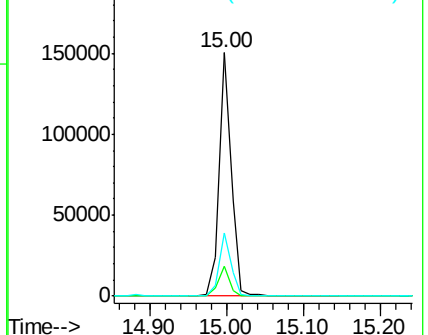
236 25.8 18.4 27.6

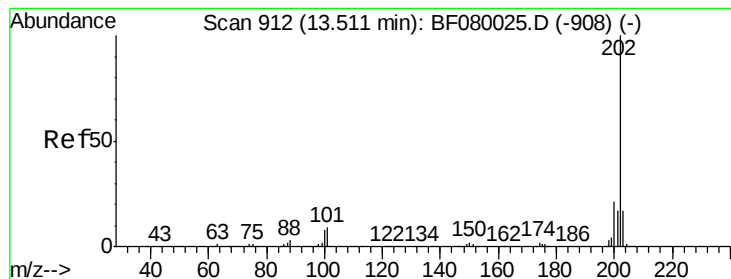


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 51.48 ng

RT: 13.48 min Scan# 909

Delta R.T. -0.03 min

Lab File: BF080263.D

Acq: 1 Jul 2015 7:53

Instrument :

BNA_F

ClientSampleId :

SP-1(0-2)

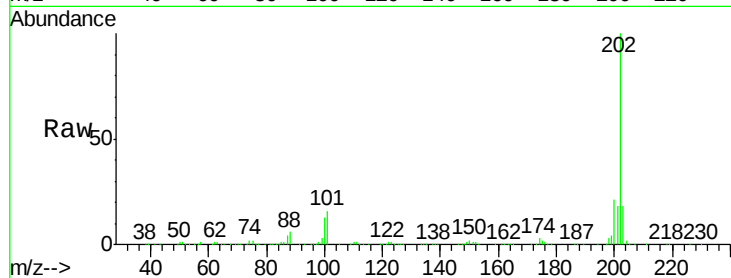
Tgt Ion:202 Resp: 523826

Ion Ratio Lower Upper

202 100

200 21.4 15.0 22.4

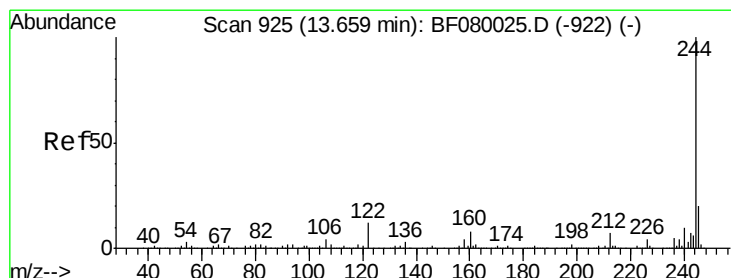
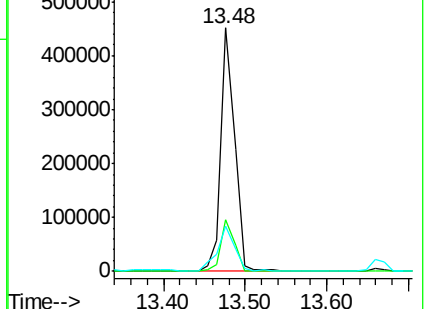
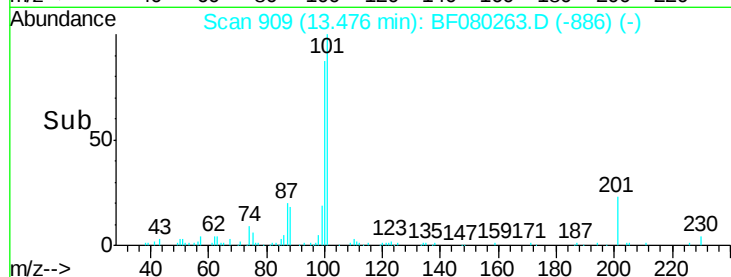
203 18.3 14.1 21.1



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: 17.32 ng

RT: 13.64 min Scan# 923

Delta R.T. -0.03 min

Lab File: BF080263.D

Acq: 1 Jul 2015 7:53

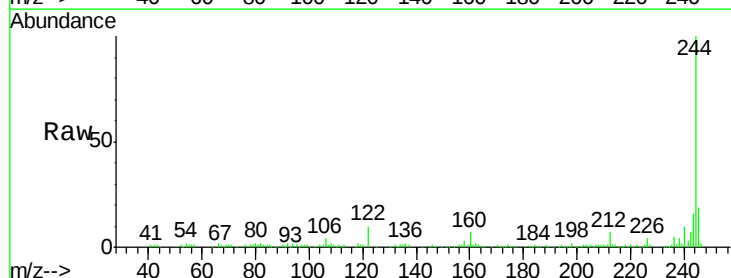
Tgt Ion:244 Resp: 122570

Ion Ratio Lower Upper

244 100

212 6.7 4.3 6.5#

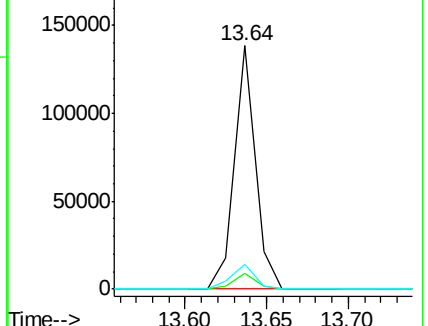
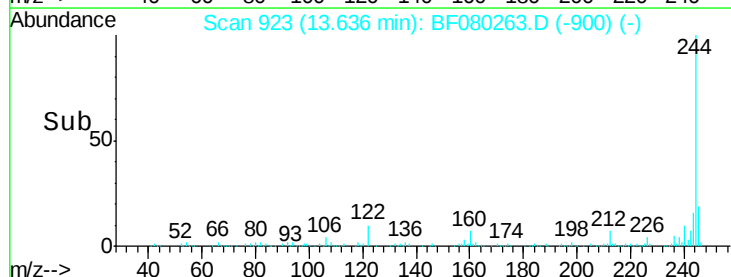
122 10.4 17.4 26.2#

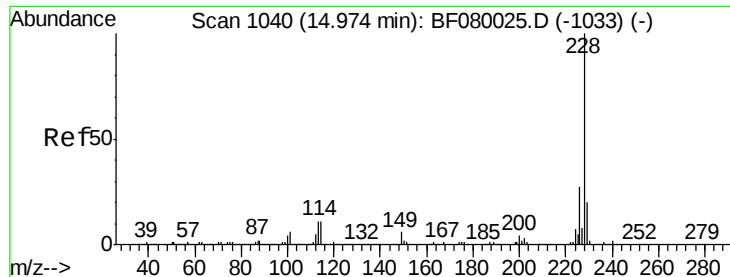


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 30.91 ng

RT: 14.99 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF080263.D

Acq: 1 Jul 2015 7:53

Instrument :

BNA_F

ClientSampleId :

SP-1(0-2)

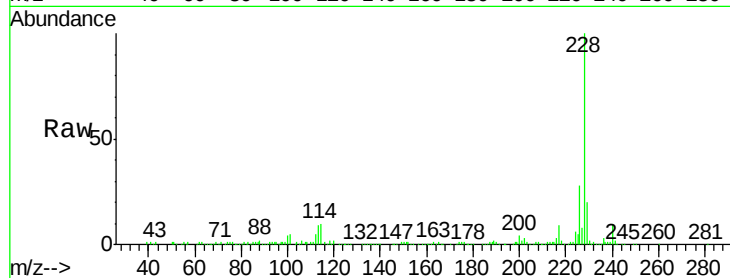
Tgt Ion:228 Resp: 311220

Ion Ratio Lower Upper

228 100

226 28.2 20.0 30.0

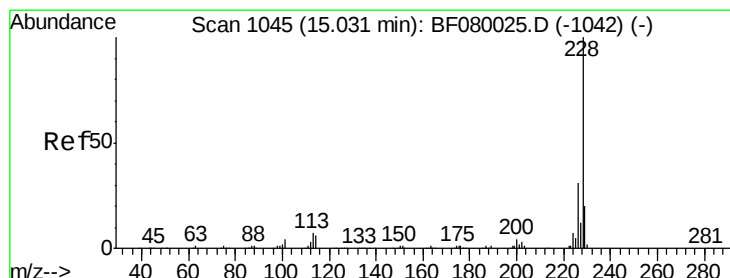
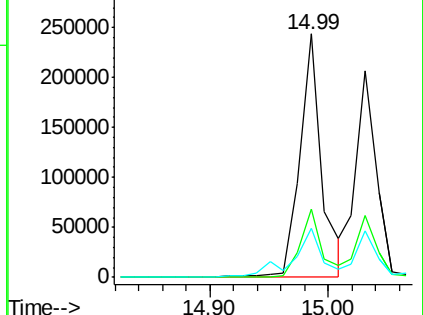
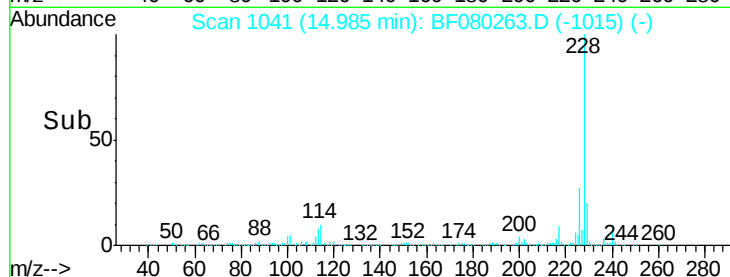
229 20.4 15.4 23.2



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: 26.79 ng

RT: 15.03 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BF080263.D

Acq: 1 Jul 2015 7:53

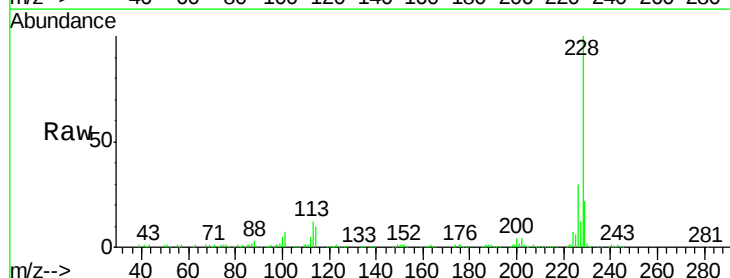
Tgt Ion:228 Resp: 248750

Ion Ratio Lower Upper

228 100

226 30.3 21.0 31.4

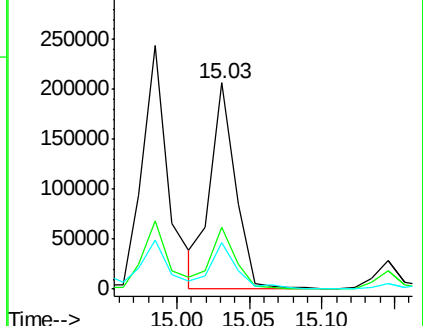
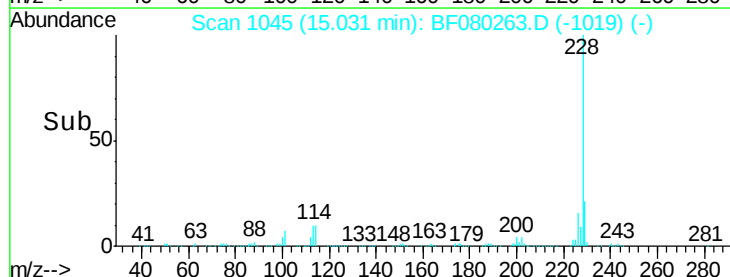
229 22.4 15.6 23.4

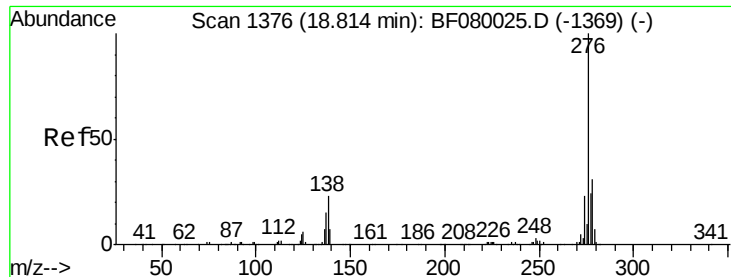


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

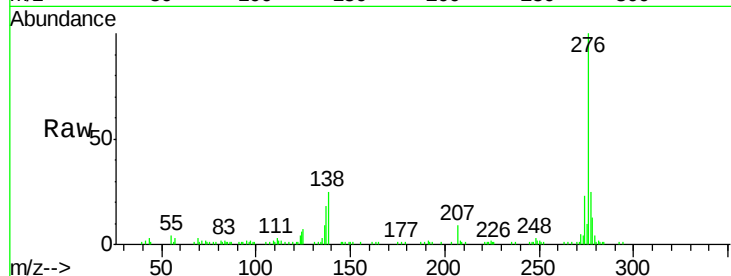




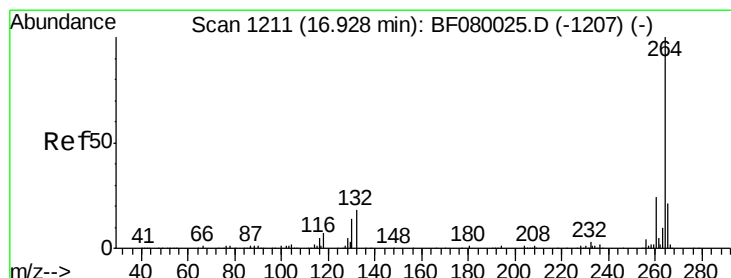
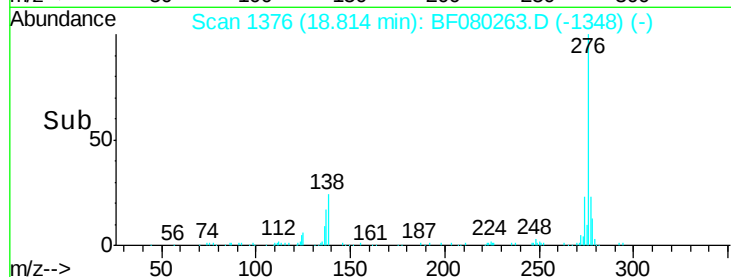
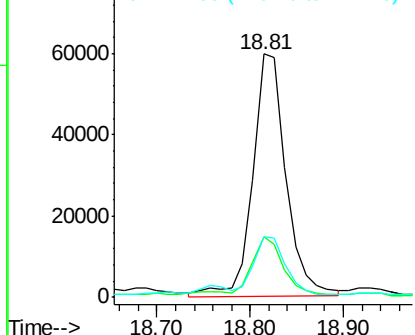
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 12.63 ng
 RT: 18.81 min Scan# 1376
 Delta R.T. 0.02 min
 Lab File: BF080263.D
 Acq: 1 Jul 2015 7:53

Instrument :
 BNA_F
 ClientSampleId :
 SP-1(0-2)

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.1	25.7	38.5
277	24.0	15.6	23.4

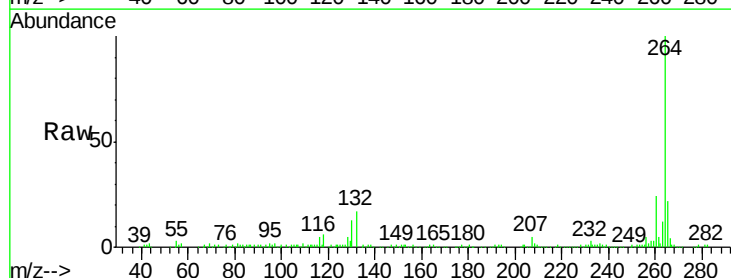


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

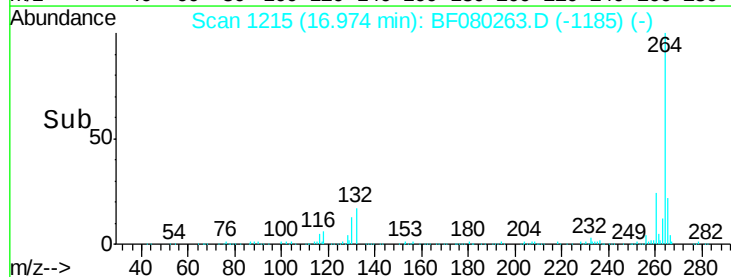
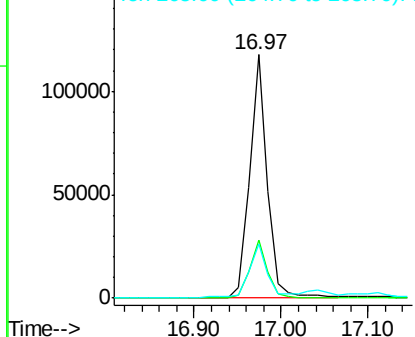


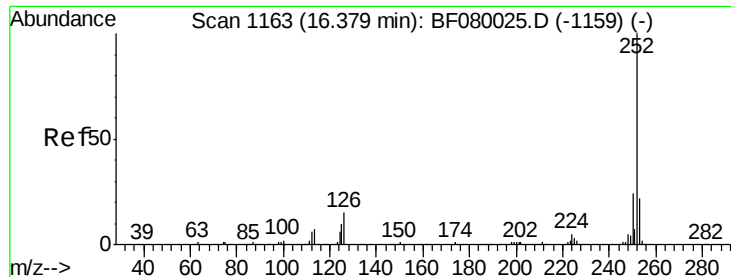
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.97 min Scan# 1215
 Delta R.T. 0.05 min
 Lab File: BF080263.D
 Acq: 1 Jul 2015 7:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	16.7	25.1
265	22.1	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: 45.23 ng

RT: 16.44 min Scan# 1168

Delta R.T. 0.05 min

Lab File: BF080263.D

Acq: 1 Jul 2015 7:53

Instrument :

BNA_F

ClientSampleId :

SP-1(0-2)

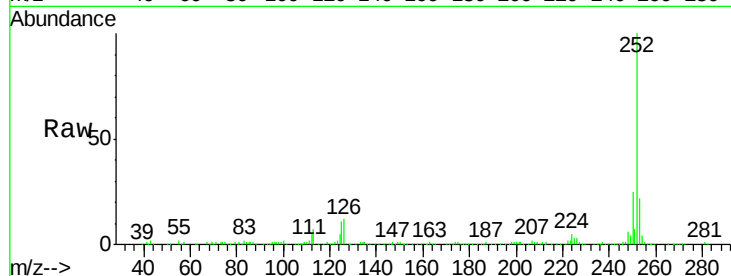
Tgt Ion:252 Resp: 458729

Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

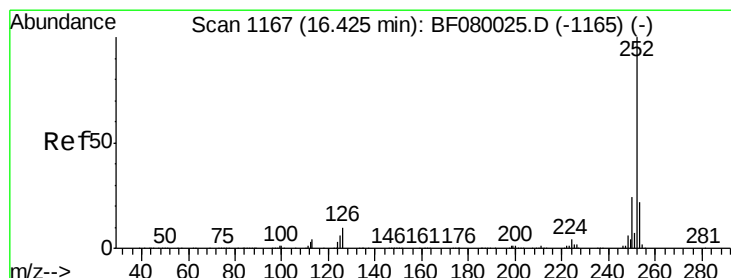
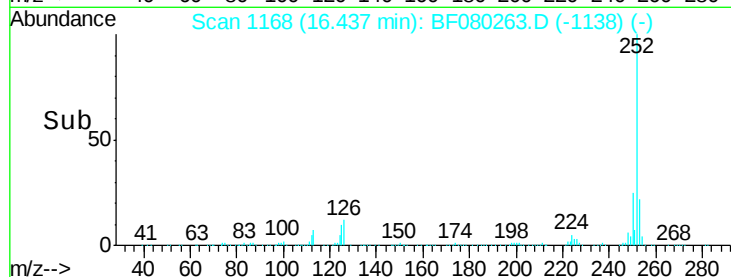
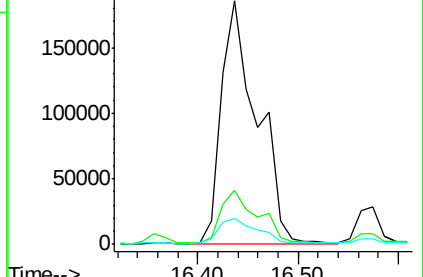
125 10.6 17.1 25.7#



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: 44.42 ng

RT: 16.44 min Scan# 1168

Delta R.T. 0.01 min

Lab File: BF080263.D

Acq: 1 Jul 2015 7:53

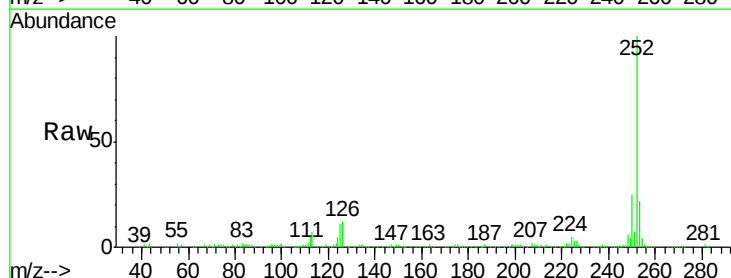
Tgt Ion:252 Resp: 458729

Ion Ratio Lower Upper

252 100

253 22.3 17.0 25.4

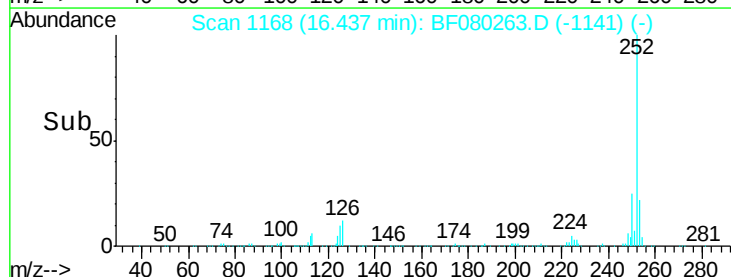
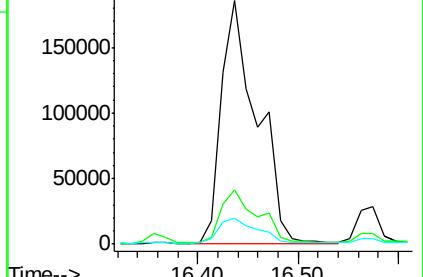
125 10.6 16.0 24.0#

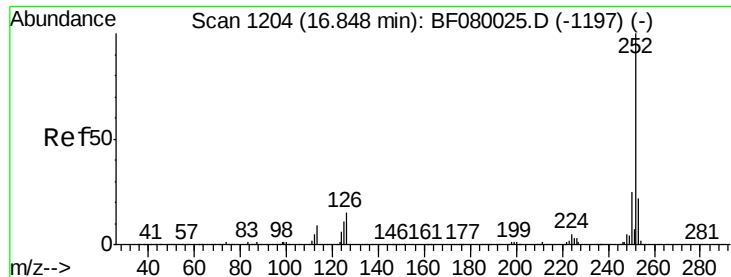


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 7.08 ng

RT: 17.01 min Scan# 1218

Delta R.T. 0.16 min

Lab File: BF080263.D

Acq: 1 Jul 2015 7:53

Instrument :

BNA_F

ClientSampleId :

SP-1(0-2)

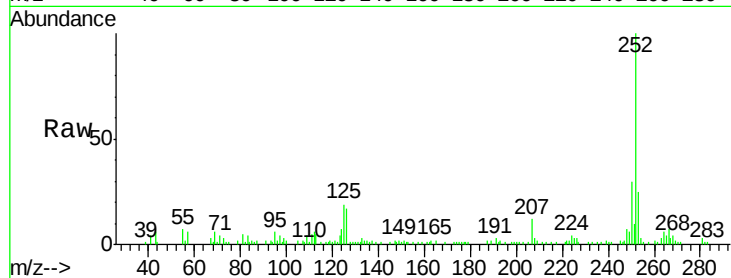
Tgt Ion:252 Resp: 68222

Ion Ratio Lower Upper

252 100

253 24.8 17.2 25.8

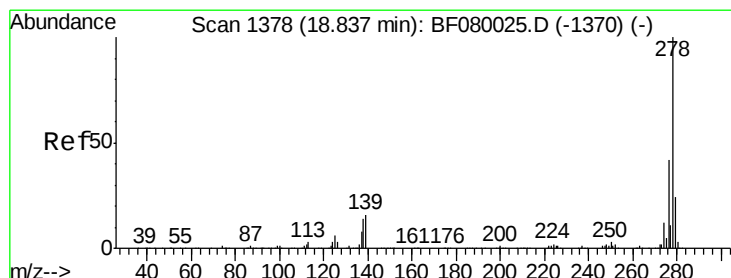
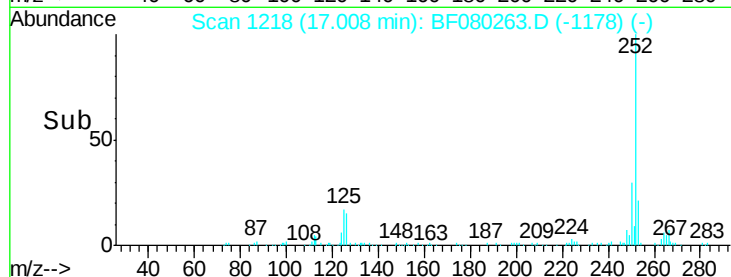
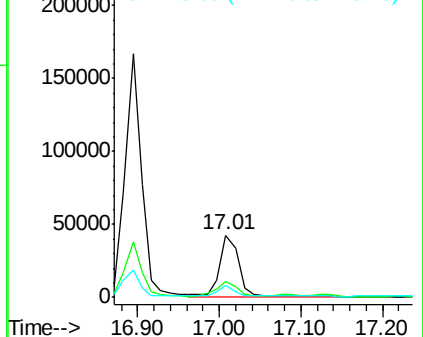
125 18.6 18.0 27.0



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: 3.56 ng

RT: 18.84 min Scan# 1378

Delta R.T. 0.02 min

Lab File: BF080263.D

Acq: 1 Jul 2015 7:53

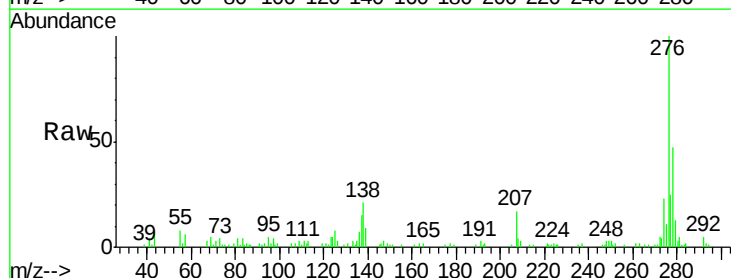
Tgt Ion:278 Resp: 35069

Ion Ratio Lower Upper

278 100

139 19.0 26.3 39.5#

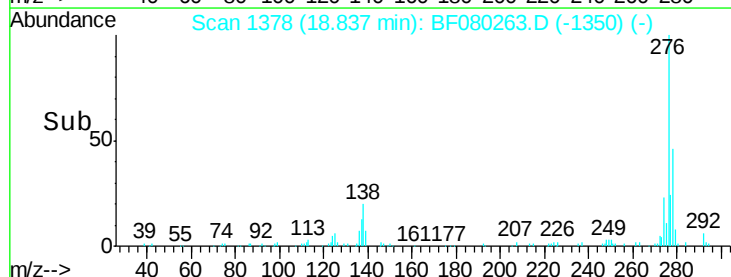
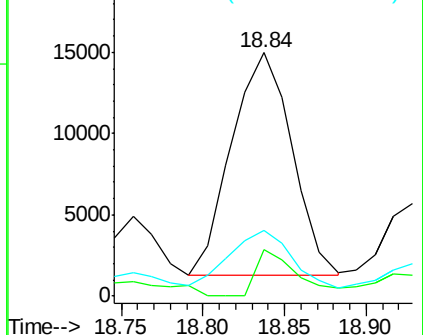
279 26.8 18.2 27.4

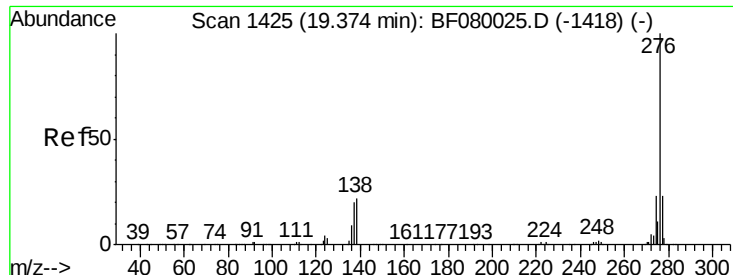


Abundance Ion 278.00 (277.70 to 278.70): E

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: 13.87 ng

RT: 19.37 min Scan# 1425

Delta R.T. 0.02 min

Lab File: BF080263.D

Acq: 1 Jul 2015 7:53

Instrument :

BNA_F

ClientSampleId :

SP-1(0-2)

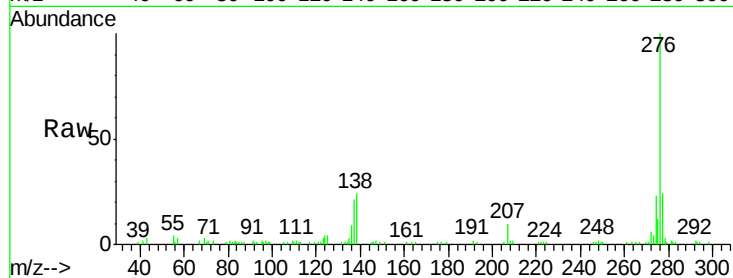
Tgt Ion: 276 Resp: 138047

Ion Ratio Lower Upper

276 100

277 24.4 17.8 26.6

138 23.7 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

