

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062415\
 Data File : BF080155.D
 Acq On : 25 Jun 2015 4:33
 Operator : TP/IZ
 Sample : G2747-10
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CF-2

Quant Time: Jun 25 05:34:10 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 25 00:52:28 2015
 Response via : Initial Calibration

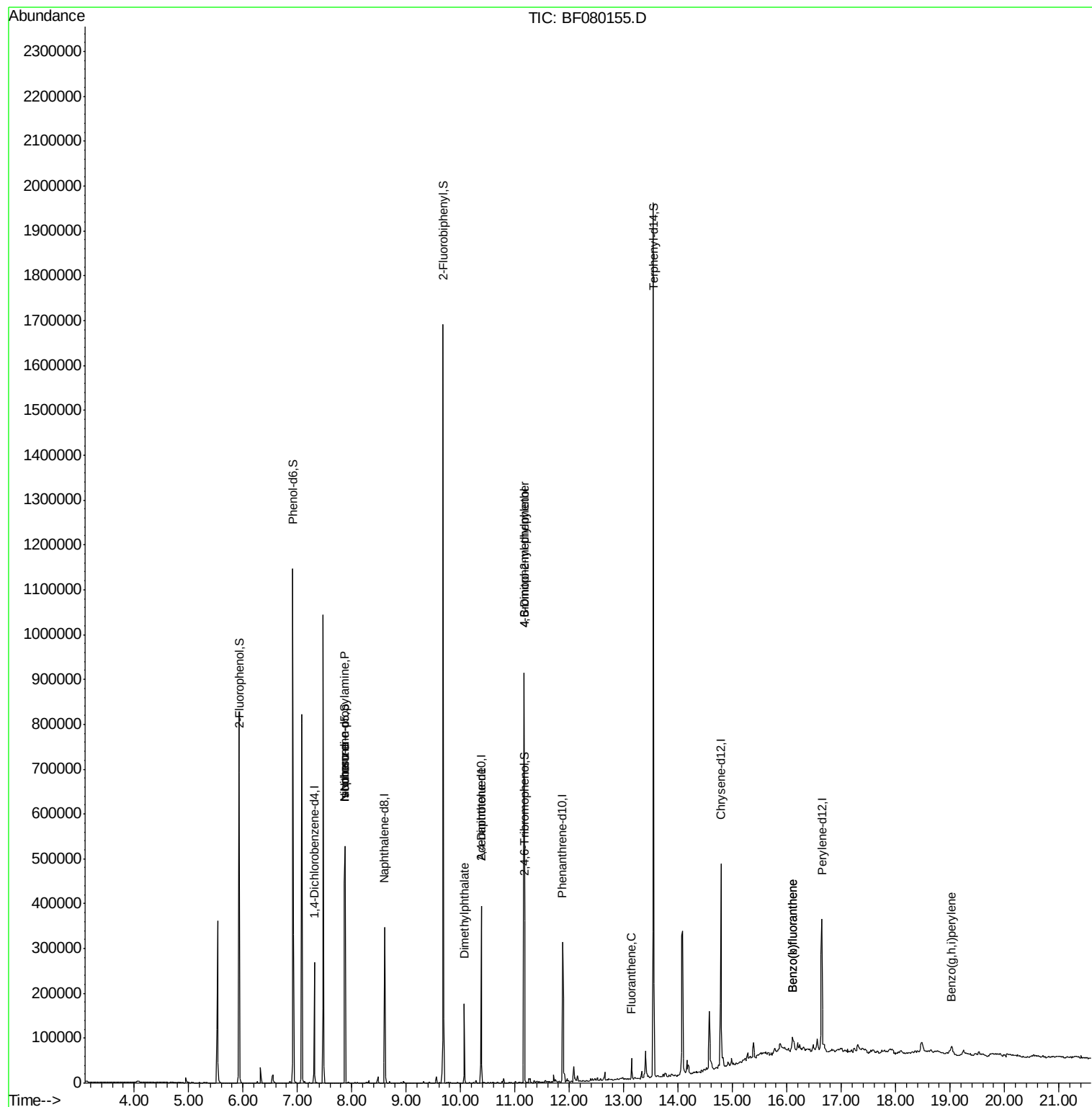
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	36478	20.00	ng	0.00
21) Naphthalene-d8	8.61	136	139426	20.00	ng	0.00
38) Acenaphthene-d10	10.38	164	72630	20.00	ng	0.00
63) Phenanthrene-d10	11.88	188	140300	20.00	ng	-0.01
75) Chrysene-d12	14.79	240	169052	20.00	ng	-0.14
86) Perylene-d12	16.64	264	163827	20.00	ng	-0.19
System Monitoring Compounds						
5) 2-Fluorophenol	5.93	112	311017	150.93	ng	0.01
7) Phenol-d6	6.92	99	384076	140.06	ng	0.00
23) Nitrobenzene-d5	7.88	82	233187	97.37	ng	0.00
41) 2,4,6-Tribromophenol	11.18	330	107402	151.23	ng	0.01
44) 2-Fluorobiphenyl	9.68	172	457137	89.76	ng	0.00
78) Terphenyl-d14	13.54	244	594732	82.16	ng	-0.07
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.88	70	29528	15.51	ng	# 55
25) Isophorone	7.88	82	232374	48.21	ng	# 58
49) Dimethylphthalate	10.07	163	66800	12.23	ng	# 97
56) 2,4-Dinitrotoluene	10.38	165	9430	6.79	ng	# 31
64) 4,6-Dinitro-2-methylphenol	11.17	198	227	3.88	ng	# 1
66) 4-Bromophenyl-phenylether	11.17	248	7403	4.96	ng	# 1
74) Fluoranthene	13.14	202	20589	2.28	ng	95
87) Benzo(b)fluoranthene	16.11	252	28032	2.83	ng	# 93
88) Benzo(k)fluoranthene	16.11	252	28032	2.78	ng	# 94
91) Benzo(g,h,i)perylene	19.03	276	21528	2.21	ng	# 81

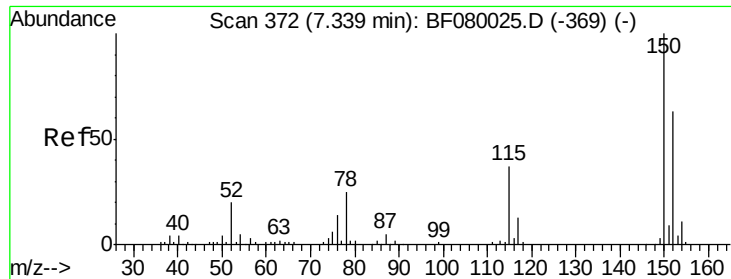
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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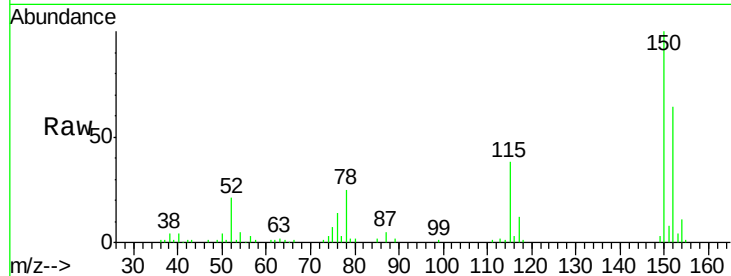




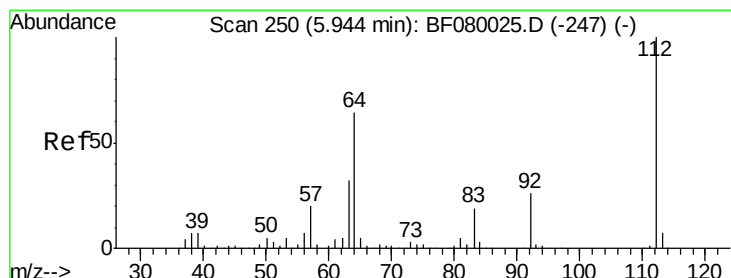
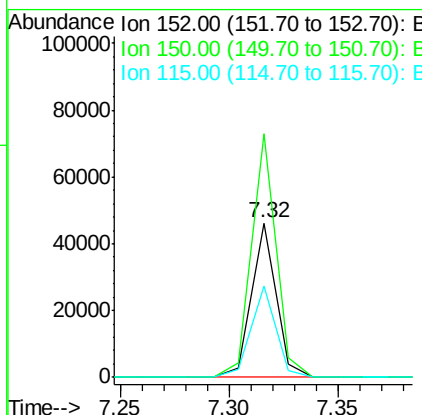
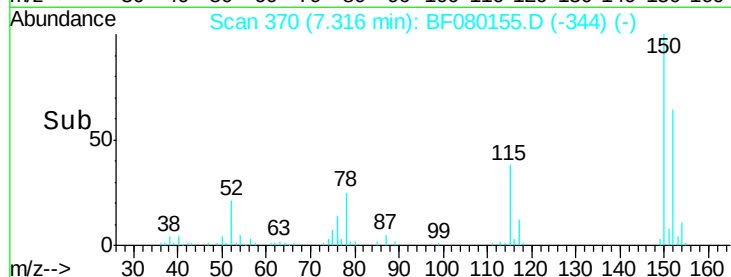
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.32 min Scan# 370
 Delta R.T. -0.00 min
 Lab File: BF080155.D
 Acq: 25 Jun 2015 4:33

Instrument :
 BNA_F
 ClientSampled :
 CF-2

Tgt Ion:152 Resp: 36478
 Ion Ratio Lower Upper
 152 100
 150 157.5 124.7 187.1
 115 59.2 39.0 58.4#

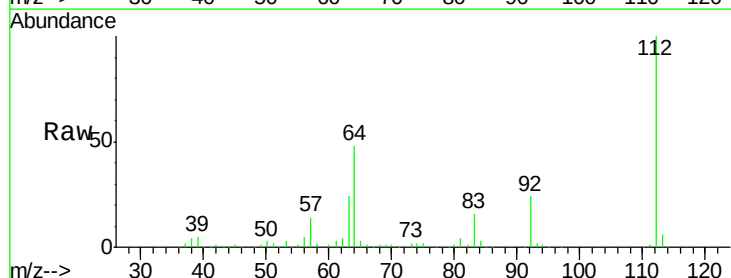


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

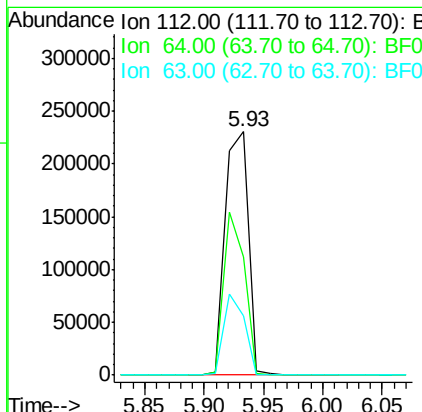
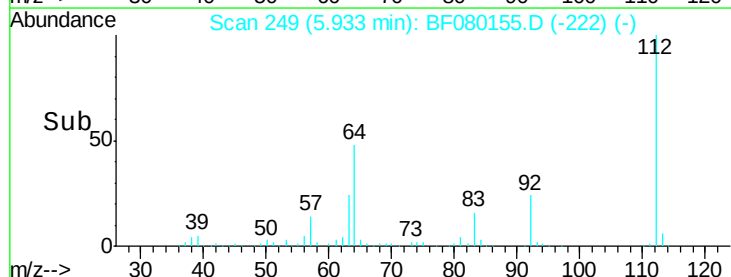


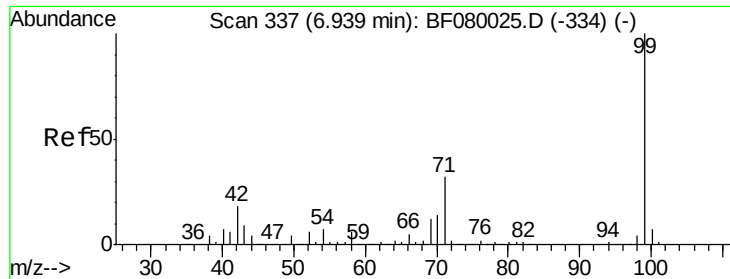
#5
 2-Fluorophenol
 Concen: 150.93 ng
 RT: 5.93 min Scan# 249
 Delta R.T. 0.01 min
 Lab File: BF080155.D
 Acq: 25 Jun 2015 4:33

Tgt Ion:112 Resp: 311017
 Ion Ratio Lower Upper
 112 100
 64 48.5 39.7 59.5
 63 24.3 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: 140.06 ng

RT: 6.92 min Scan# 335

Delta R.T. -0.00 min

Lab File: BF080155.D

Acq: 25 Jun 2015 4:33

Instrument :

BNA_F

ClientSampled :

CF-2

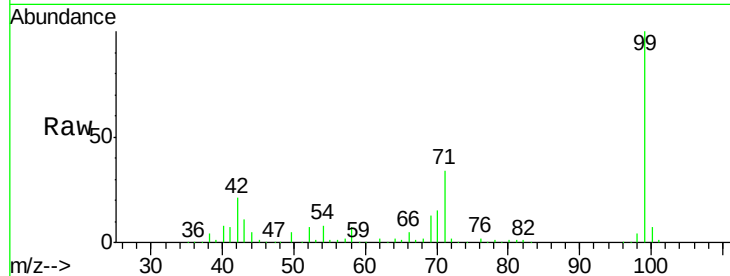
Tgt Ion: 99 Resp: 384076

Ion Ratio Lower Upper

99 100

42 20.9 13.7 20.5#

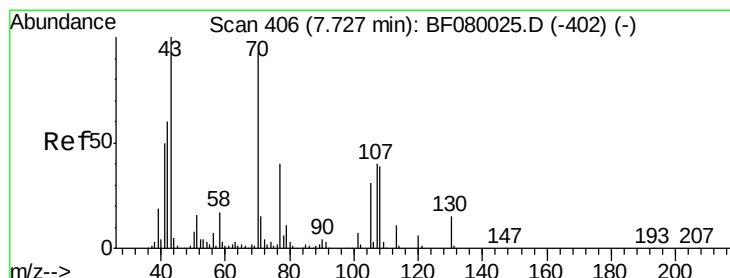
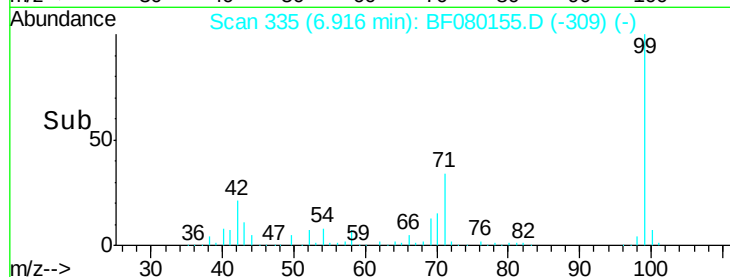
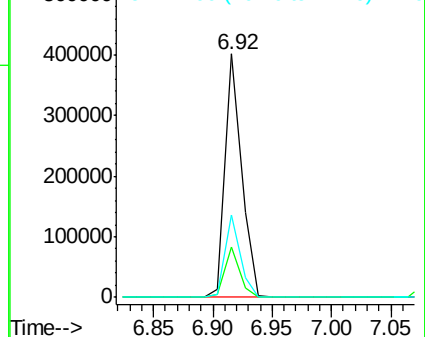
71 33.8 14.2 21.2#



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: 15.51 ng

RT: 7.88 min Scan# 419

Delta R.T. 0.17 min

Lab File: BF080155.D

Acq: 25 Jun 2015 4:33

Tgt Ion: 70 Resp: 29528

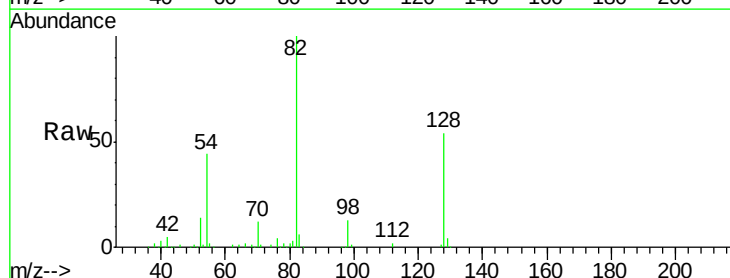
Ion Ratio Lower Upper

70 100

42 41.4 63.8 95.6#

101 0.0 9.2 13.8#

130 2.7 27.3 40.9#

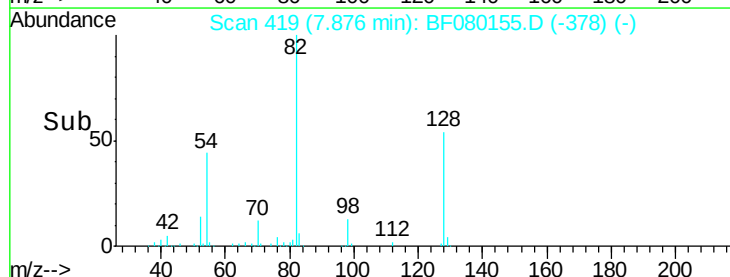
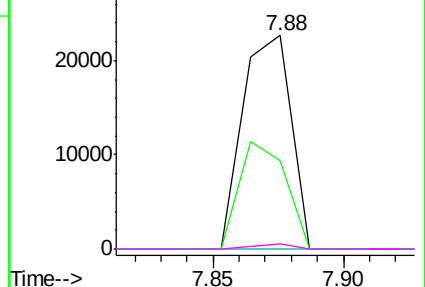


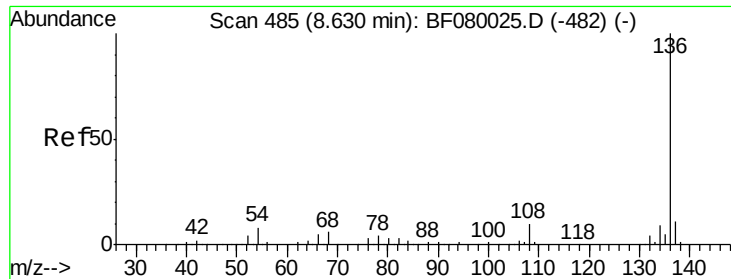
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

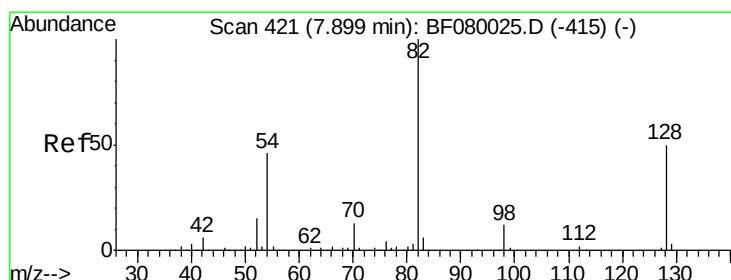
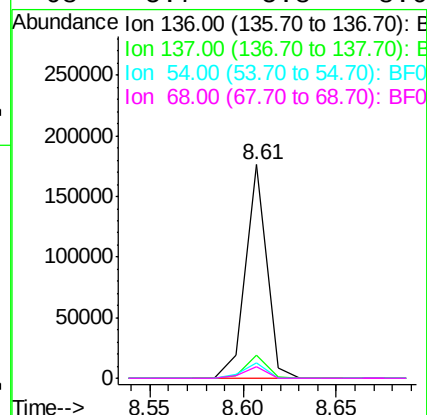
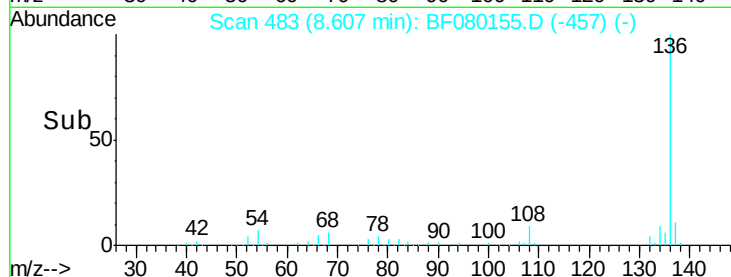
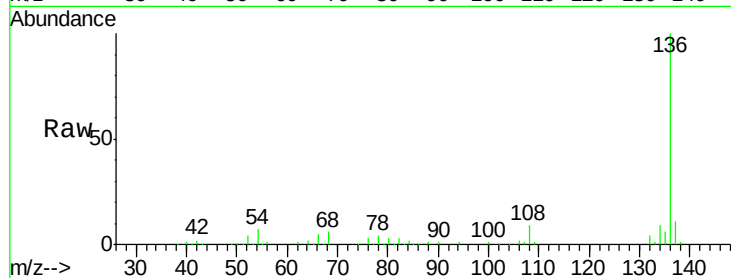




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.61 min Scan# 483
Delta R.T. -0.00 min
Lab File: BF080155.D
Acq: 25 Jun 2015 4:33

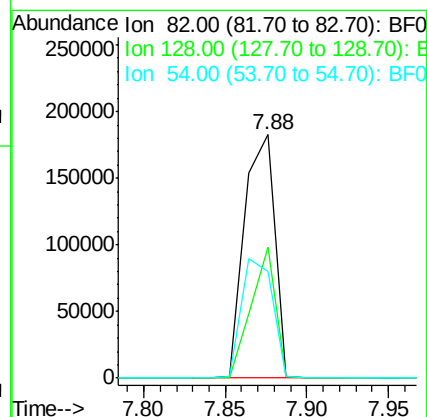
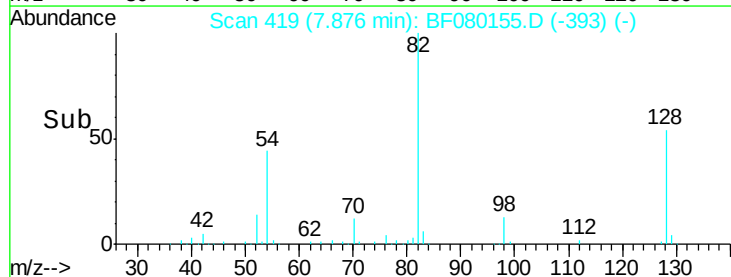
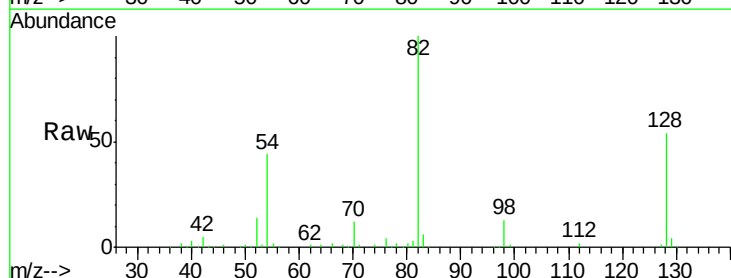
Instrument :
BNA_F
ClientSampleId :
CF-2

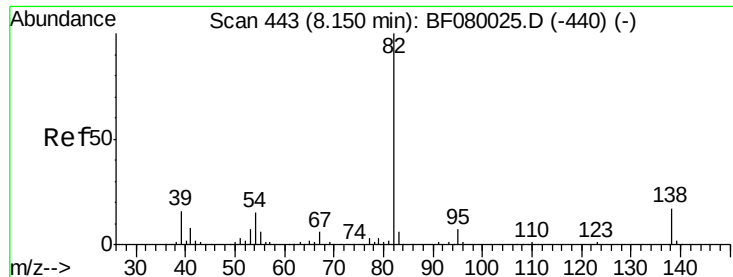
Tgt Ion:	136	Resp:	139426
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.6
54	7.4	8.2	12.2#
68	5.7	5.8	8.6#



#23
Nitrobenzene-d5
Concen: 97.37 ng
RT: 7.88 min Scan# 419
Delta R.T. -0.00 min
Lab File: BF080155.D
Acq: 25 Jun 2015 4:33

Tgt Ion:	82	Resp:	233187
Ion	Ratio	Lower	Upper
82	100		
128	53.9	51.0	76.6
54	43.8	47.5	71.3#





#25

Isophorone

Concen: 48.21 ng

RT: 7.88 min Scan# 419

Delta R.T. -0.25 min

Lab File: BF080155.D

Acq: 25 Jun 2015 4:33

Instrument :

BNA_F

ClientSampled :

CF-2

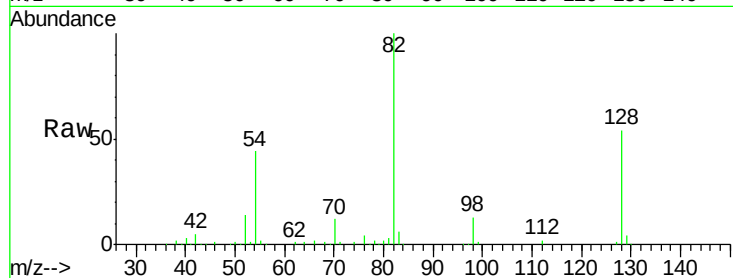
Tgt Ion: 82 Resp: 232374

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

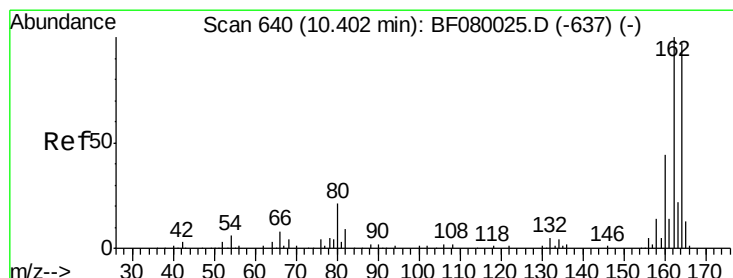
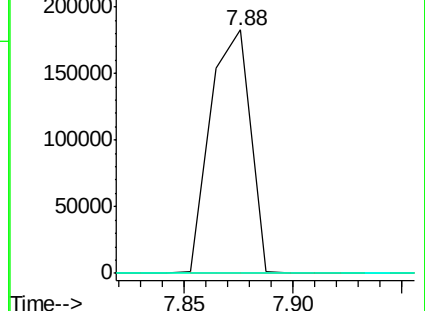
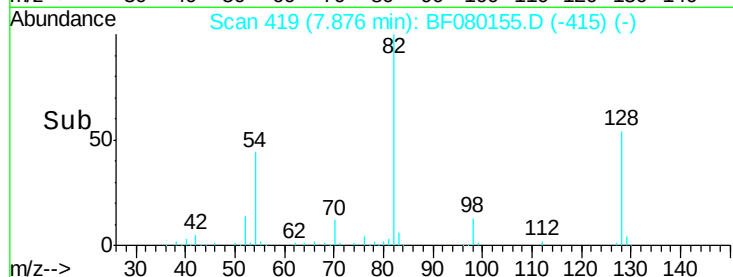
138 0.0 18.3 27.5#



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: 10.38 min Scan# 638

Delta R.T. -0.00 min

Lab File: BF080155.D

Acq: 25 Jun 2015 4:33

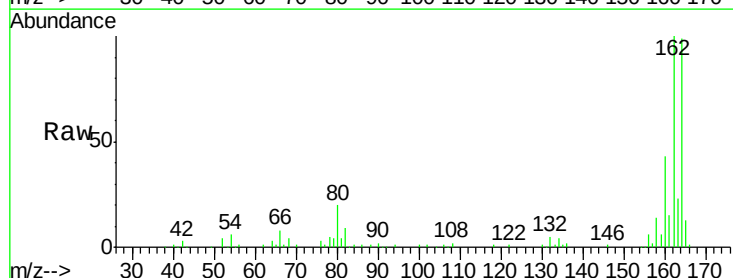
Tgt Ion: 164 Resp: 72630

Ion Ratio Lower Upper

164 100

162 101.0 75.2 112.8

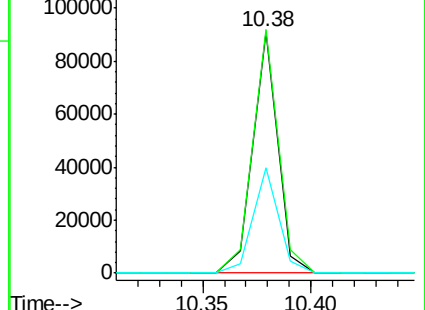
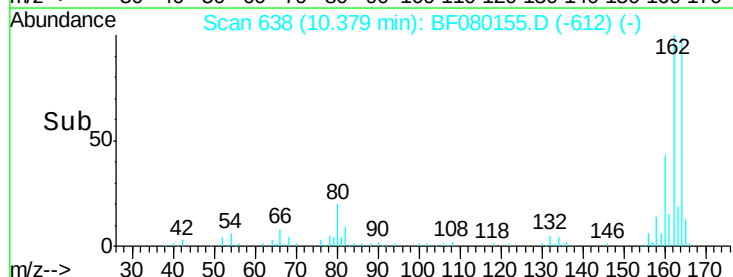
160 43.6 31.5 47.3

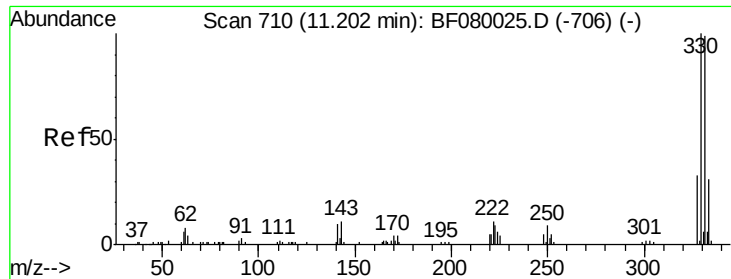


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

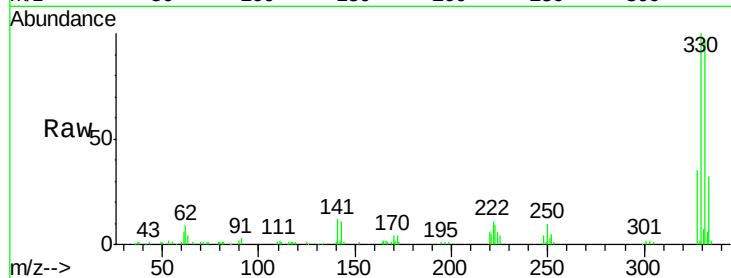




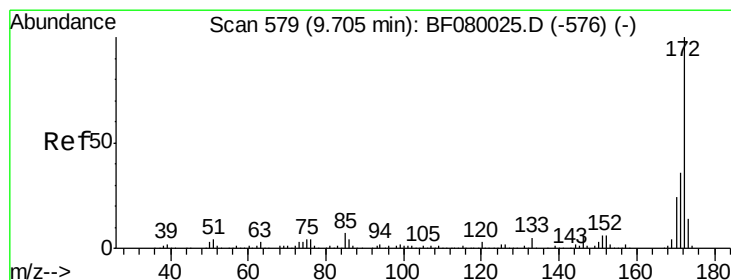
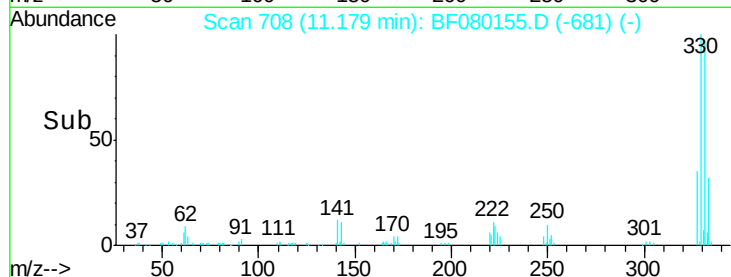
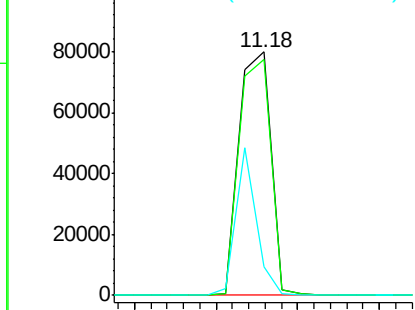
#41
 2,4,6-Tribromophenol
 Concen: 151.23 ng
 RT: 11.18 min Scan# 708
 Delta R.T. 0.01 min
 Lab File: BF080155.D
 Acq: 25 Jun 2015 4:33

Instrument :
 BNA_F
 ClientSampleId :
 CF-2

Tgt Ion:330 Resp: 107402
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.6 114.8
 141 38.5 29.7 44.5

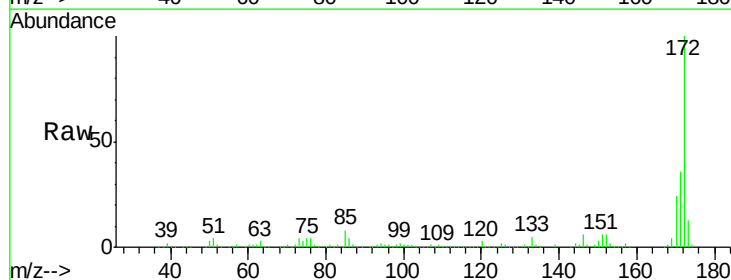


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

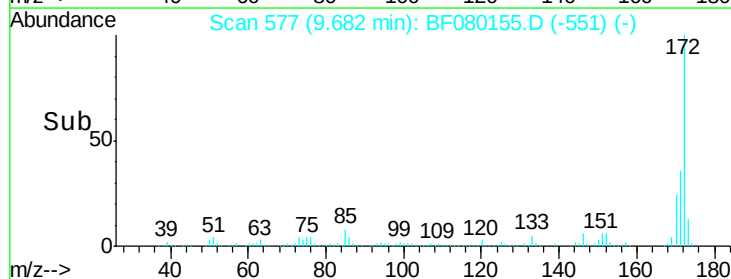
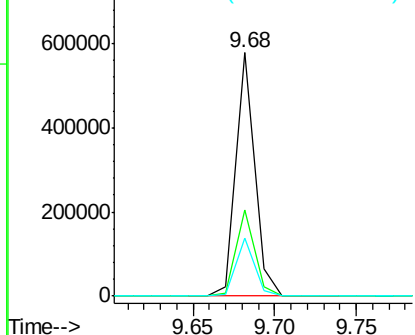


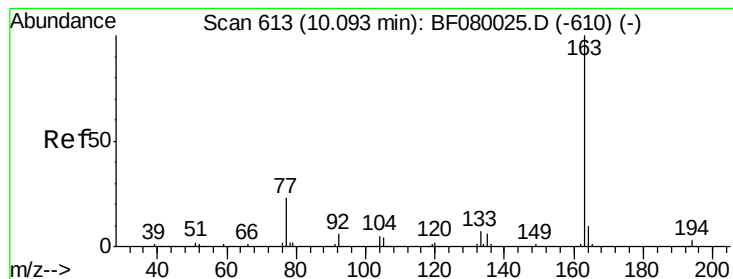
#44
 2-Fluorobiphenyl
 Concen: 89.76 ng
 RT: 9.68 min Scan# 577
 Delta R.T. -0.00 min
 Lab File: BF080155.D
 Acq: 25 Jun 2015 4:33

Tgt Ion:172 Resp: 457137
 Ion Ratio Lower Upper
 172 100
 171 35.6 26.1 39.1
 170 24.1 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: 12.23 ng

RT: 10.07 min Scan# 611

Delta R.T. -0.00 min

Lab File: BF080155.D

Acq: 25 Jun 2015 4:33

Instrument :

BNA_F

ClientSampleId :

CF-2

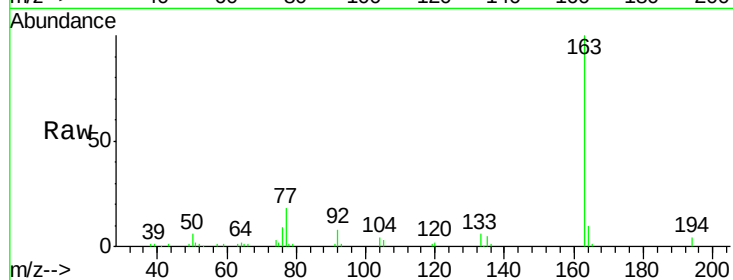
Tgt Ion:163 Resp: 66800

Ion Ratio Lower Upper

163 100

194 3.7 4.4 6.6#

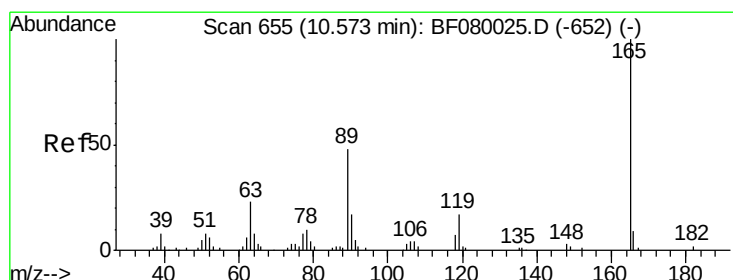
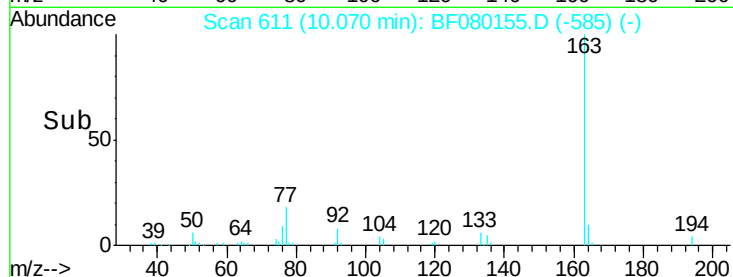
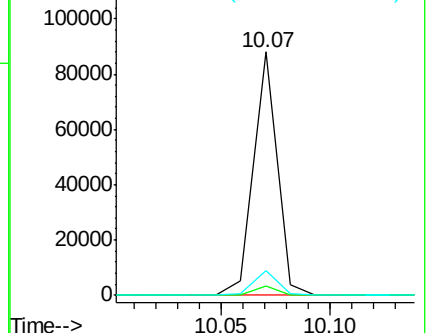
164 10.0 8.3 12.5



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



#56

2,4-Dinitrotoluene

Concen: 6.79 ng

RT: 10.38 min Scan# 638

Delta R.T. -0.17 min

Lab File: BF080155.D

Acq: 25 Jun 2015 4:33

Tgt Ion:165 Resp: 9430

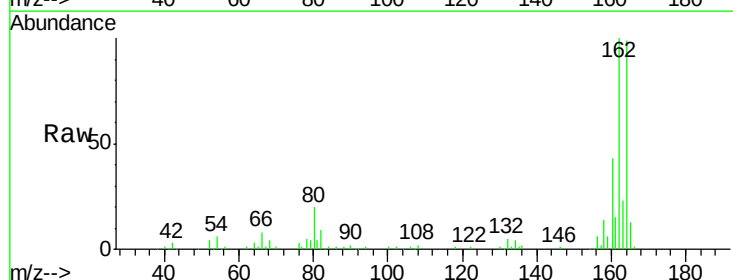
Ion Ratio Lower Upper

165 100

63 0.0 29.8 44.6#

89 0.0 44.5 66.7#

182 0.0 3.0 4.4#

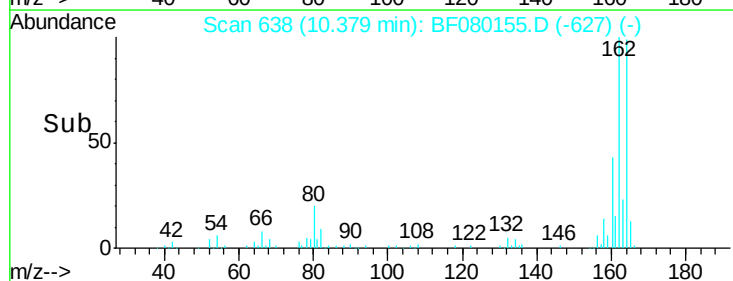
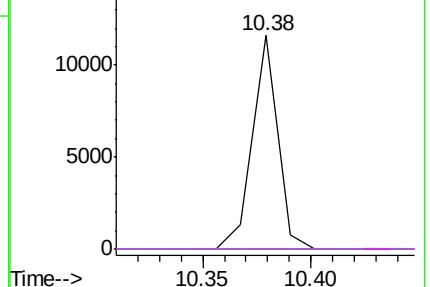


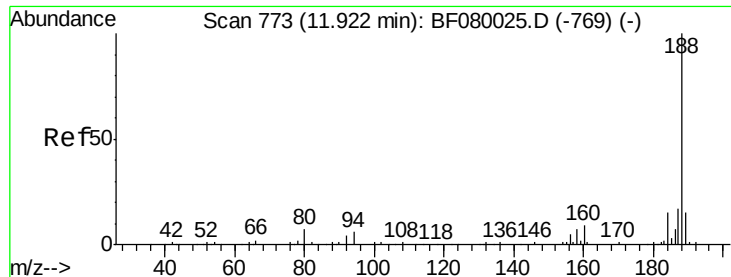
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

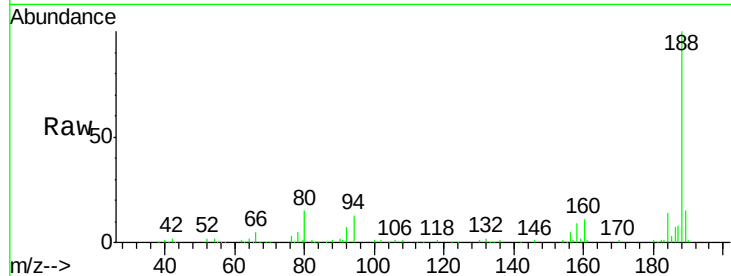




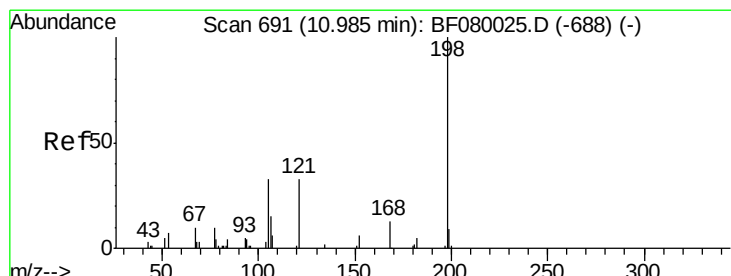
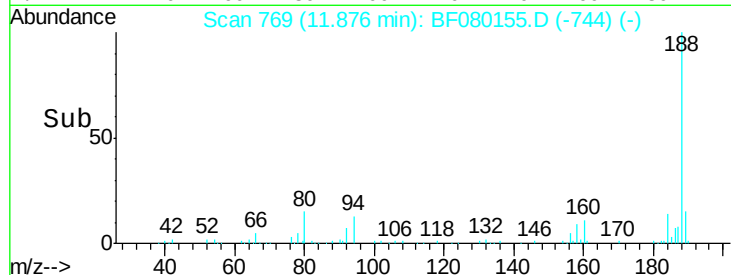
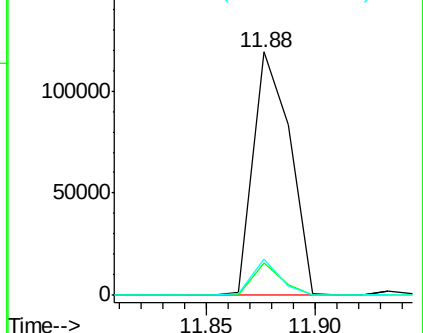
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.88 min Scan# 769
 Delta R.T. -0.01 min
 Lab File: BF080155.D
 Acq: 25 Jun 2015 4:33

Instrument :
 BNA_F
 ClientSampleId :
 CF-2

Tgt Ion:188 Resp: 140300
 Ion Ratio Lower Upper
 188 100
 94 13.3 11.1 16.7
 80 15.0 11.0 16.4

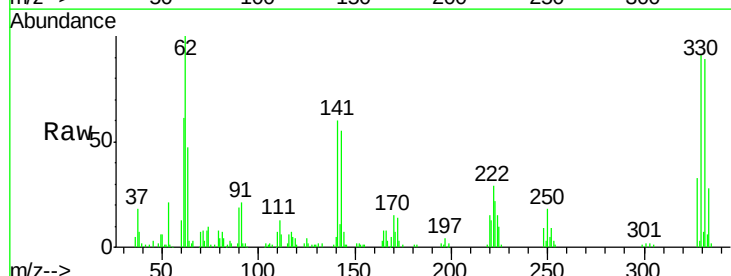


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

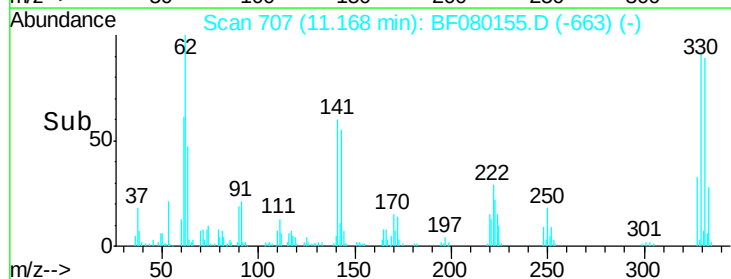
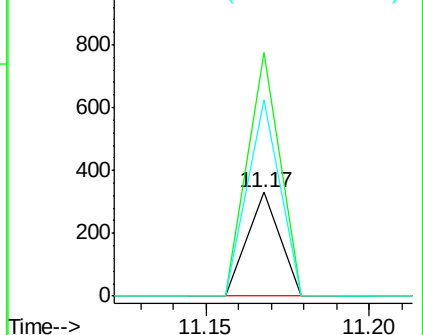


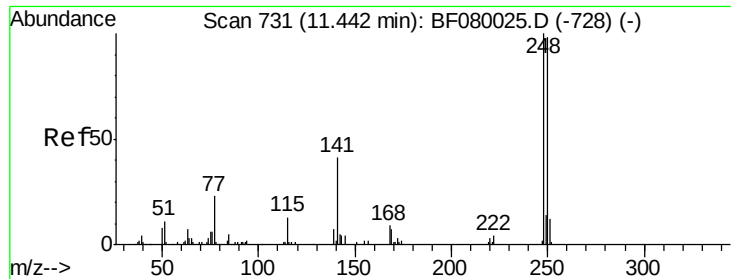
#64
 4,6-Dinitro-2-methylphenol
 Concen: 3.88 ng
 RT: 11.17 min Scan# 707
 Delta R.T. 0.21 min
 Lab File: BF080155.D
 Acq: 25 Jun 2015 4:33

Tgt Ion:198 Resp: 227
 Ion Ratio Lower Upper
 198 100
 51 234.1 39.6 79.6#
 105 189.1 28.5 68.5#



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E





#66

4-Bromophenyl-phenylether

Concen: 4.96 ng

RT: 11.17 min Scan# 707

Delta R.T. -0.24 min

Lab File: BF080155.D

Acq: 25 Jun 2015 4:33

Instrument :

BNA_F

ClientSampleId :

CF-2

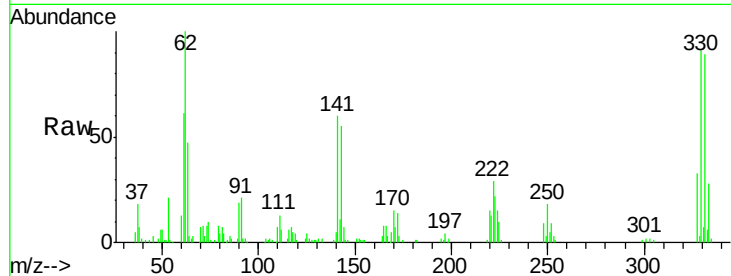
Tgt Ion:248 Resp: 7403

Ion Ratio Lower Upper

248 100

250 198.4 78.5 117.7#

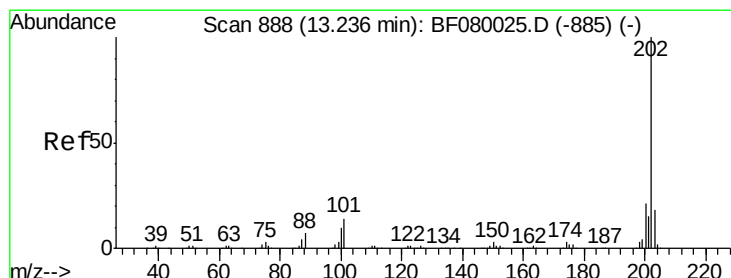
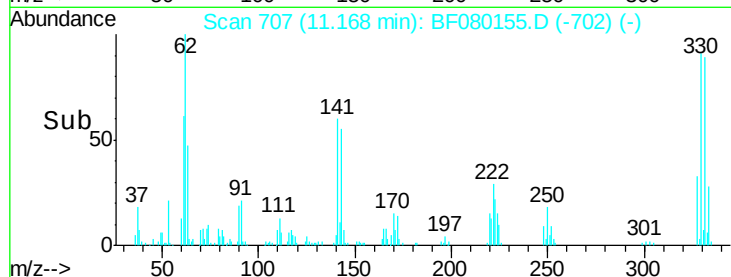
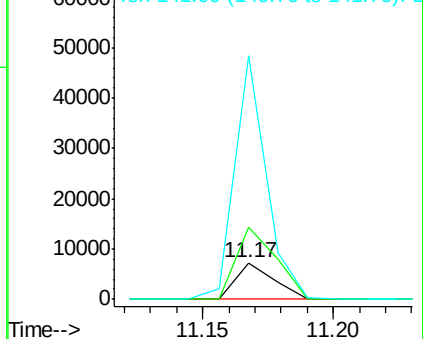
141 664.4 59.0 88.6#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#74

Fluoranthene

Concen: 2.28 ng

RT: 13.14 min Scan# 880

Delta R.T. -0.06 min

Lab File: BF080155.D

Acq: 25 Jun 2015 4:33

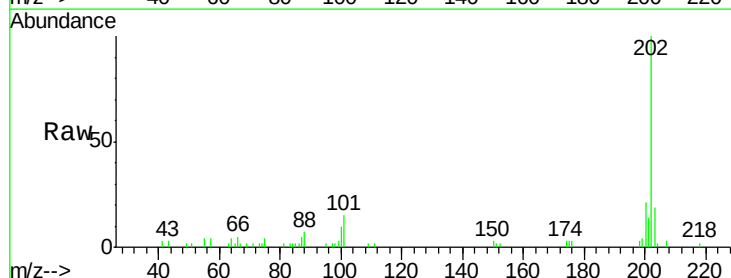
Tgt Ion:202 Resp: 20589

Ion Ratio Lower Upper

202 100

101 15.3 0.0 38.3

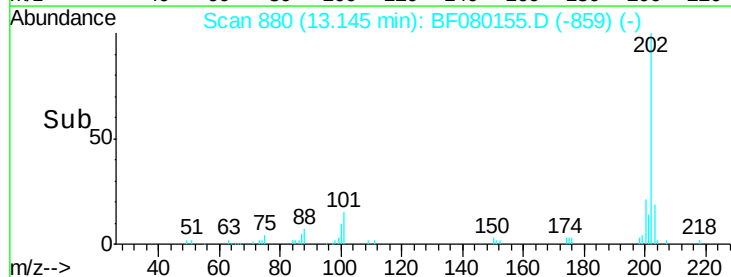
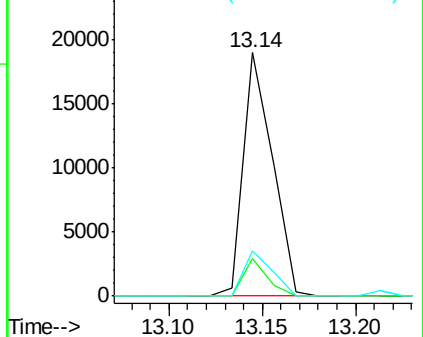
203 18.5 0.0 37.3

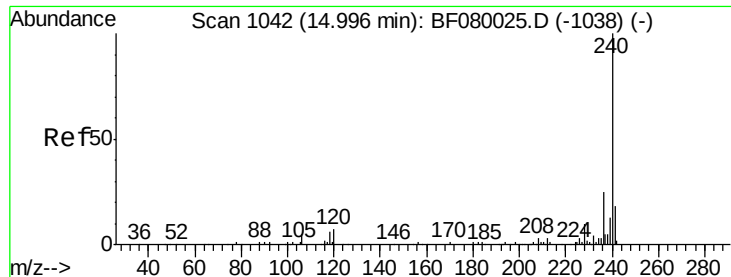


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.79 min Scan# 1024

Delta R.T. -0.14 min

Lab File: BF080155.D

Acq: 25 Jun 2015 4:33

Instrument :

BNA_F

ClientSampleId :

CF-2

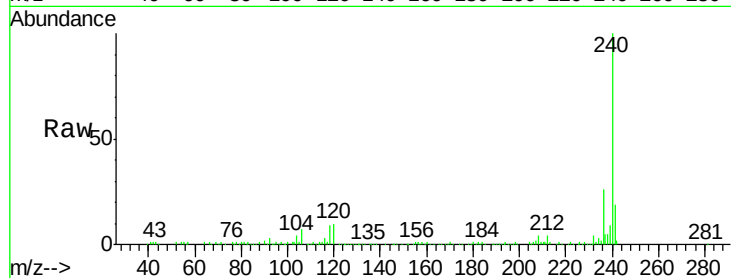
Tgt Ion:240 Resp: 169052

Ion Ratio Lower Upper

240 100

120 10.2 16.2 24.2#

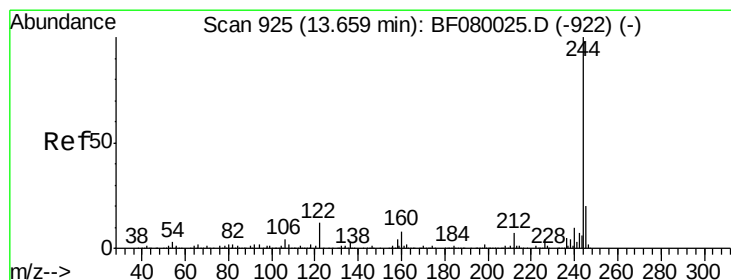
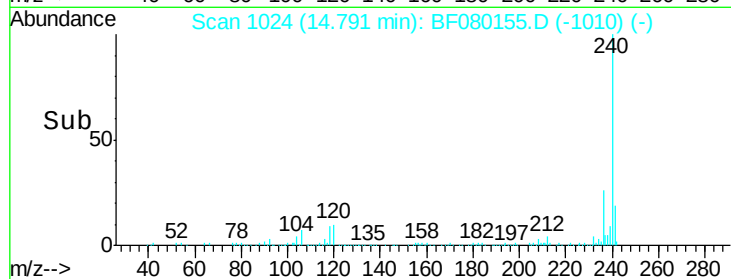
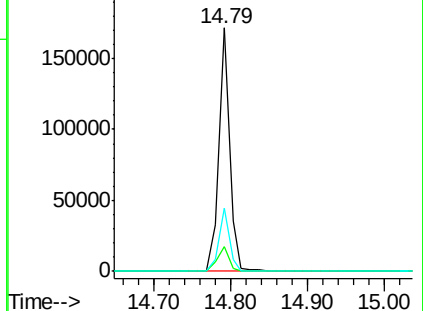
236 26.1 18.4 27.6



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



#78

Terphenyl-d14

Concen: 82.16 ng

RT: 13.54 min Scan# 915

Delta R.T. -0.07 min

Lab File: BF080155.D

Acq: 25 Jun 2015 4:33

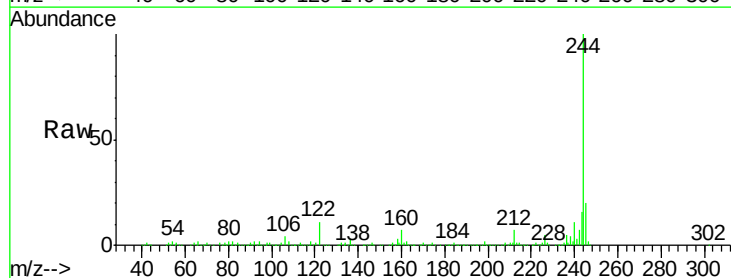
Tgt Ion:244 Resp: 594732

Ion Ratio Lower Upper

244 100

212 7.1 4.3 6.5#

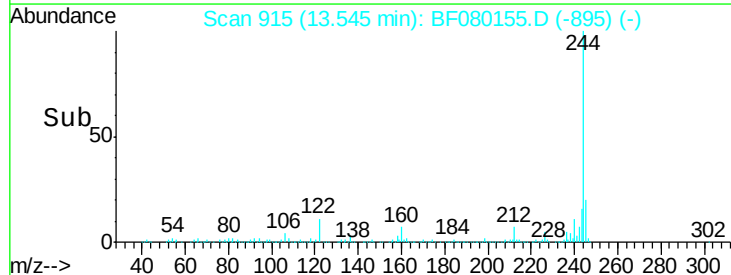
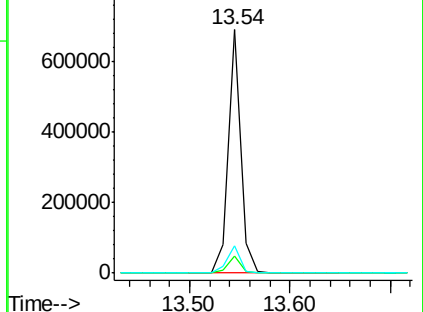
122 11.4 17.4 26.2#

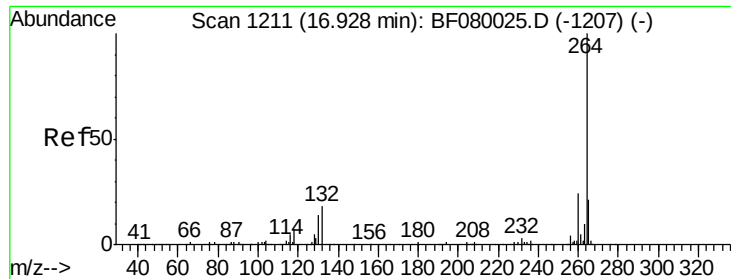


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



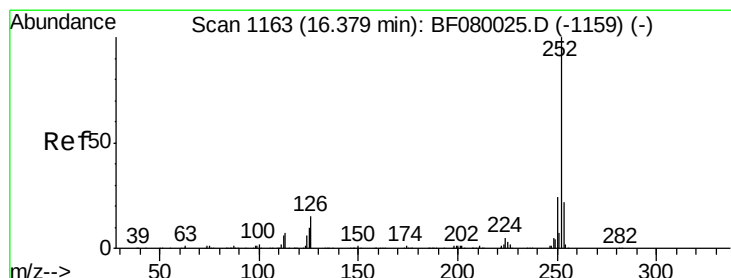
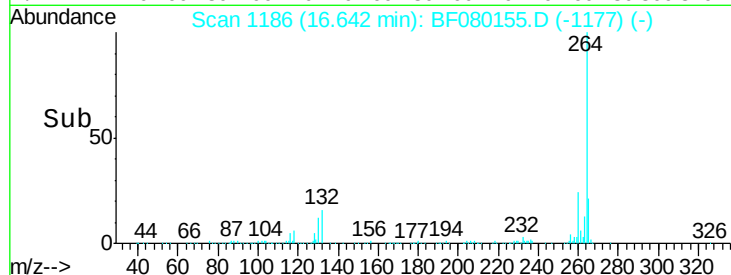
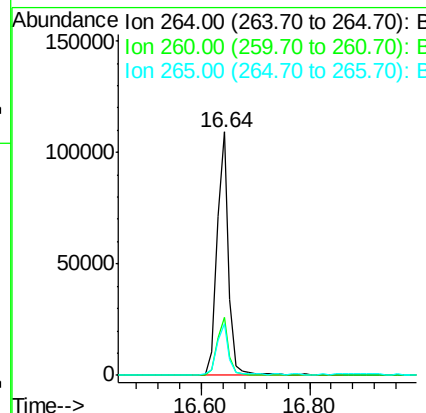
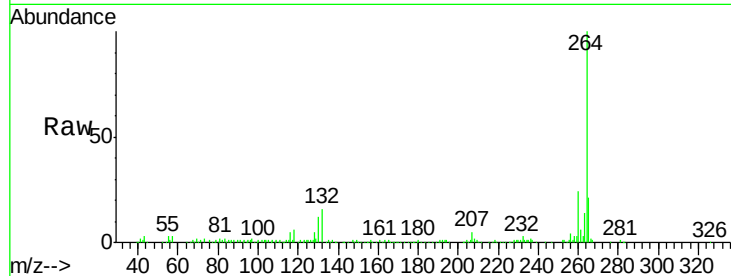


#86
Perylene-d12
Concen: 20.00 ng
RT: 16.64 min Scan# 1186
Delta R.T. -0.19 min
Lab File: BF080155.D
Acq: 25 Jun 2015 4:33

Instrument :
BNA_F
ClientSampleId :
CF-2

Tgt Ion: 264 Resp: 163827

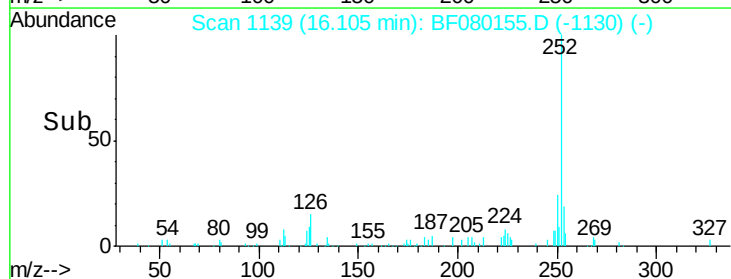
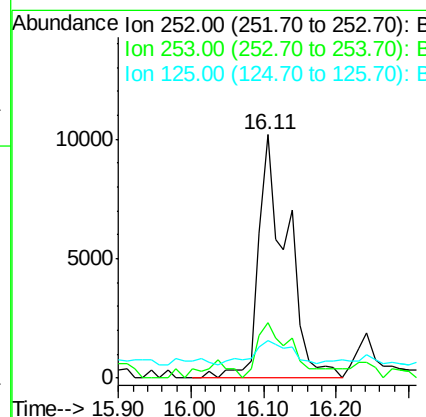
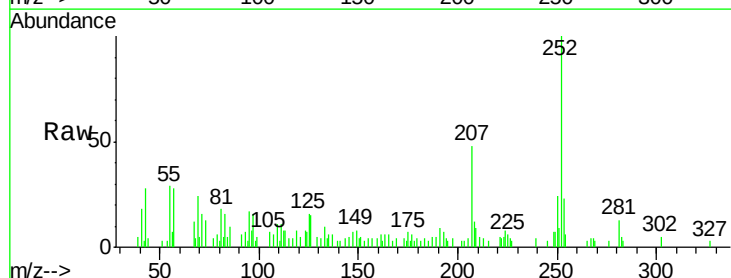
Ion	Ratio	Lower	Upper
264	100		
260	23.6	16.7	25.1
265	21.1	17.2	25.8

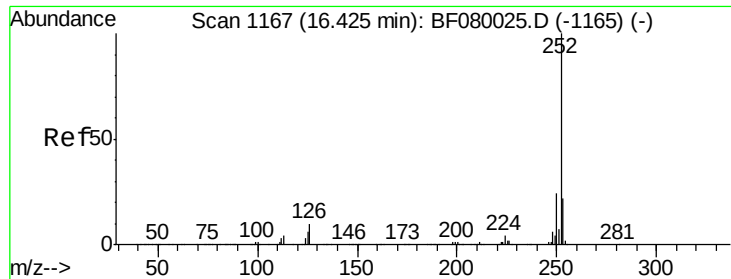


#87
Benzo(b)fluoranthene
Concen: 2.83 ng
RT: 16.11 min Scan# 1139
Delta R.T. -0.19 min
Lab File: BF080155.D
Acq: 25 Jun 2015 4:33

Tgt Ion: 252 Resp: 28032

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	15.6	17.1	25.7#





#88

Benzo(k)fluoranthene

Concen: 2.78 ng

RT: 16.11 min Scan# 1139

Delta R.T. -0.23 min

Lab File: BF080155.D

Acq: 25 Jun 2015 4:33

Instrument :

BNA_F

ClientSampleId :

CF-2

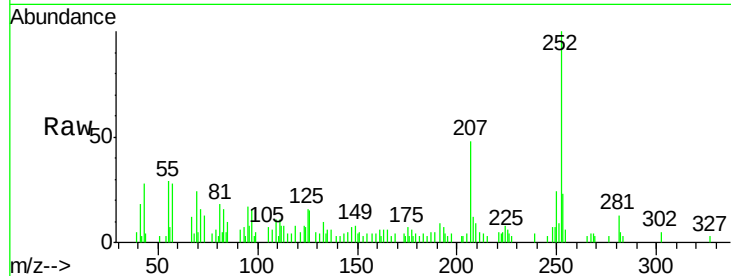
Tgt Ion:252 Resp: 28032

Ion Ratio Lower Upper

252 100

253 22.7 17.0 25.4

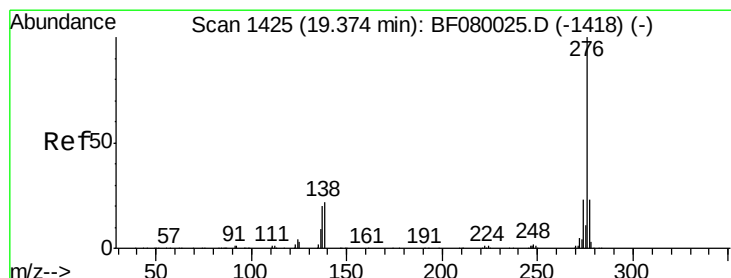
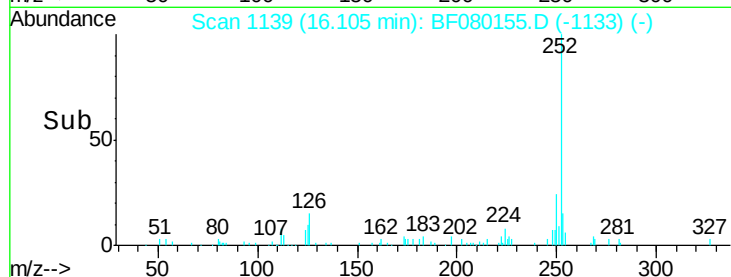
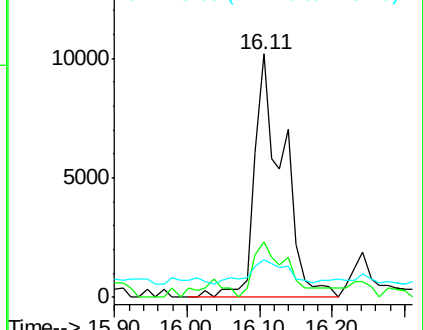
125 15.6 16.0 24.0#



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



#91

Benzo(g,h,i)perylene

Concen: 2.21 ng

RT: 19.03 min Scan# 1395

Delta R.T. -0.22 min

Lab File: BF080155.D

Acq: 25 Jun 2015 4:33

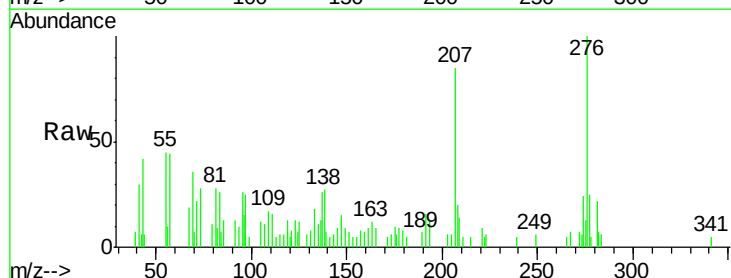
Tgt Ion:276 Resp: 21528

Ion Ratio Lower Upper

276 100

277 25.3 17.8 26.6

138 26.8 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

