

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080615\
 Data File : BF080911.D
 Acq On : 7 Aug 2015 3:43
 Operator : TP/UM
 Sample : G3196-09
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 07 05:11:08 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 07 03:17:12 2015
 Response via : Initial Calibration

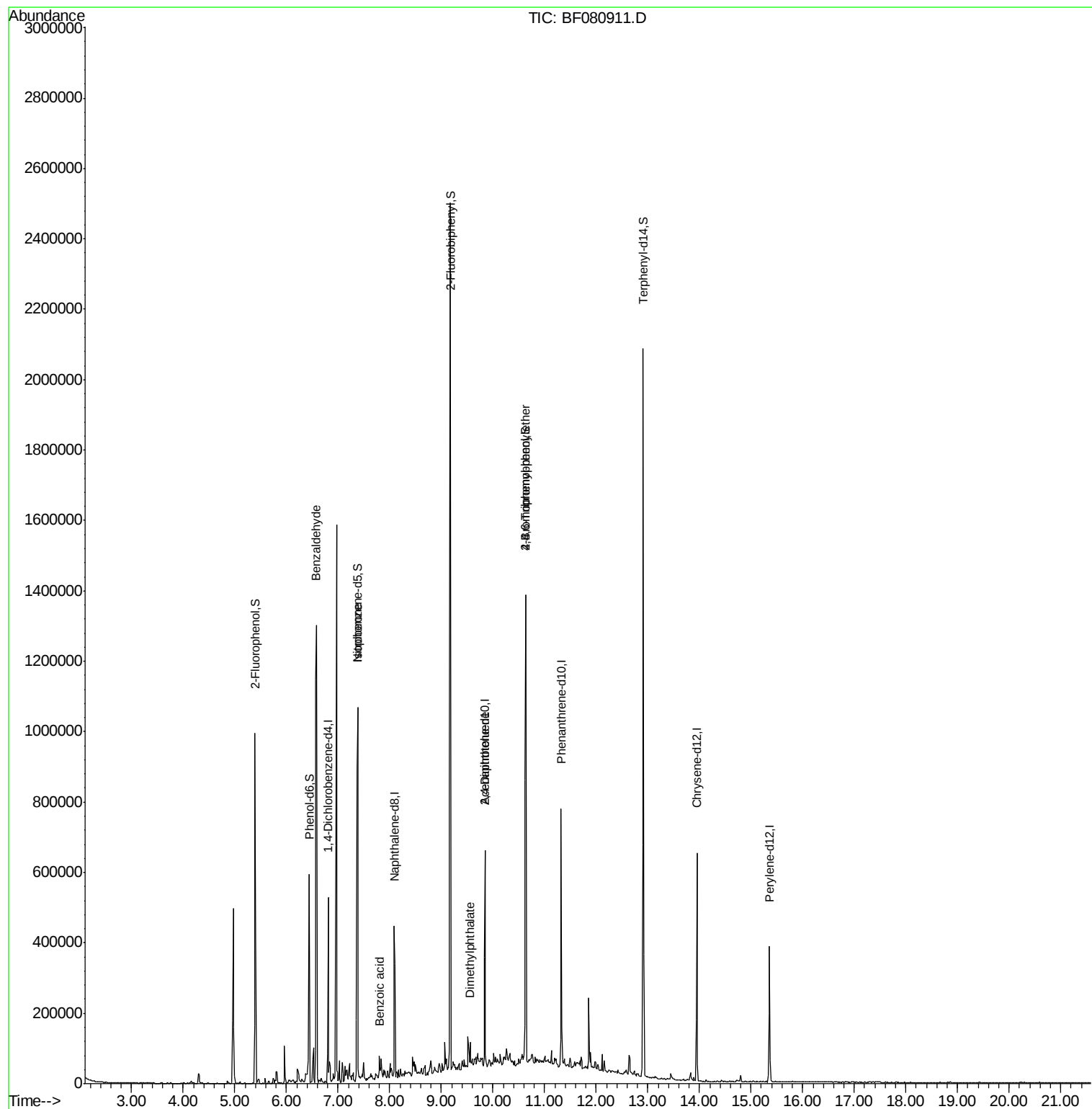
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	66734	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	249015	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	124826	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	237763	20.00	ng	0.00
75) Chrysene-d12	13.95	240	213034	20.00	ng	-0.01
86) Perylene-d12	15.36	264	171504	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	278804	66.60	ng	0.00
7) Phenol-d6	6.44	99	287033	49.81	ng	0.00
23) Nitrobenzene-d5	7.38	82	479591	90.73	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	173267	129.23	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	728986	83.24	ng	0.00
78) Terphenyl-d14	12.91	244	684393	67.73	ng	0.00
Target Compounds						
9) Benzaldehyde	6.58	77	11709	2.95	ng	Qvalue 88
25) Isophorone	7.38	82	443838	43.81	ng	# 67
32) Benzoic acid	7.81	122	5754	2.09	ng	89
49) Dimethylphthalate	9.56	163	21796	2.20	ng	# 96
56) 2,4-Dinitrotoluene	9.85	165	17194	6.01	ng	# 11
66) 4-Bromophenyl-phenylether	10.64	248	11941	4.62	ng	# 1

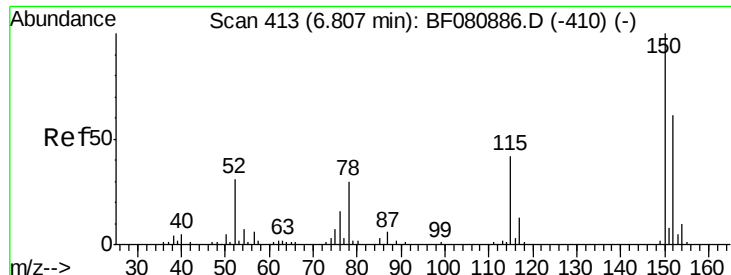
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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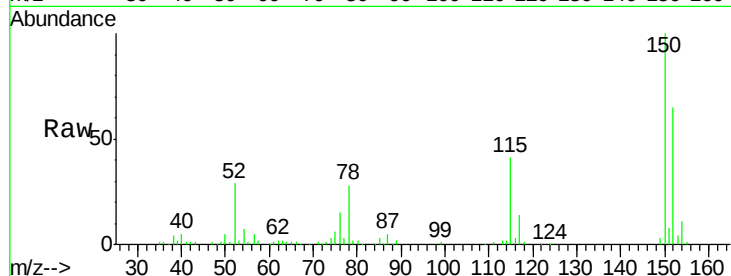


#1

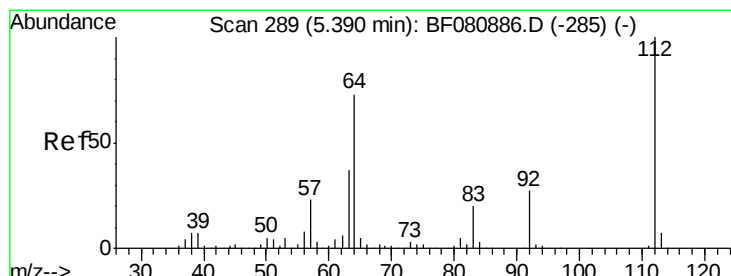
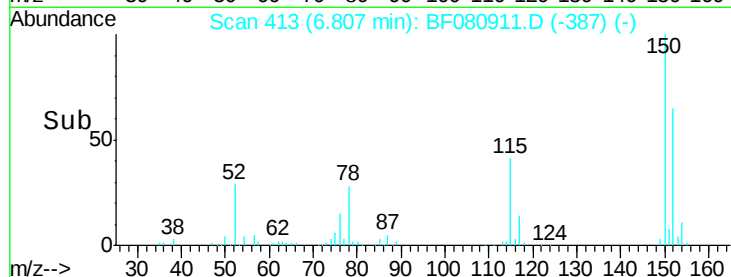
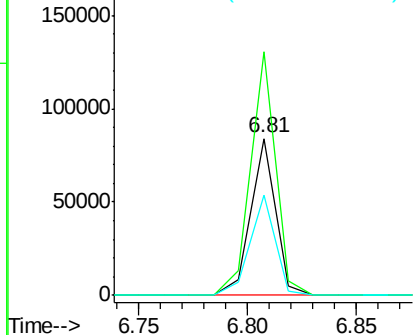
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.00 min
Lab File: BF080911.D
Acq: 7 Aug 2015 3:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 66734
Ion Ratio Lower Upper
152 100
150 154.9 132.2 198.2
115 63.9 54.9 82.3



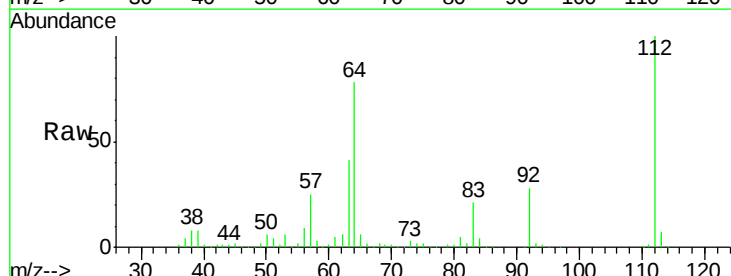
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



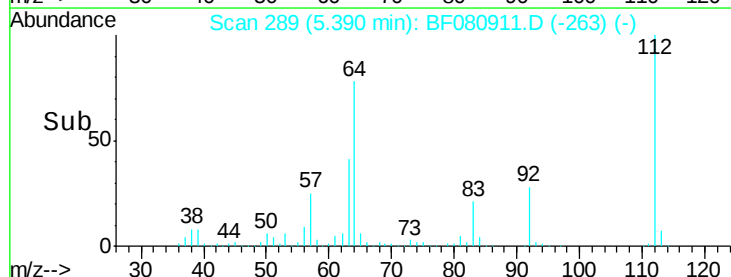
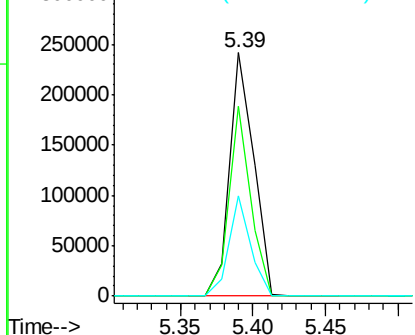
#5

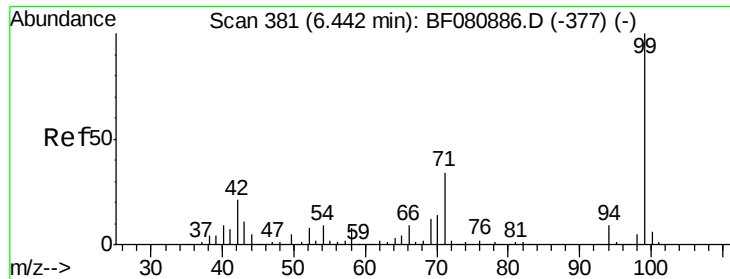
2-Fluorophenol
Concen: 66.60 ng
RT: 5.39 min Scan# 289
Delta R.T. -0.00 min
Lab File: BF080911.D
Acq: 7 Aug 2015 3:43

Tgt Ion:112 Resp: 278804
Ion Ratio Lower Upper
112 100
64 78.1 58.0 87.0
63 41.2 29.8 44.8



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: 49.81 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF080911.D

Acq: 7 Aug 2015 3:43

Instrument :

BNA_F

ClientSampled :

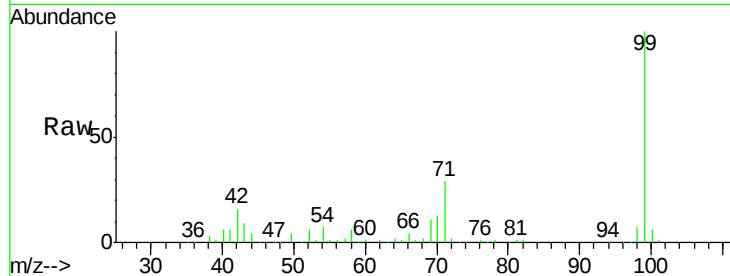
Tot Ion: 99 Resp: 287033

Ion Ratio Lower Upper

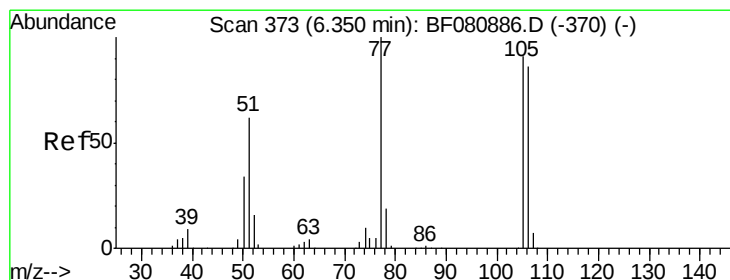
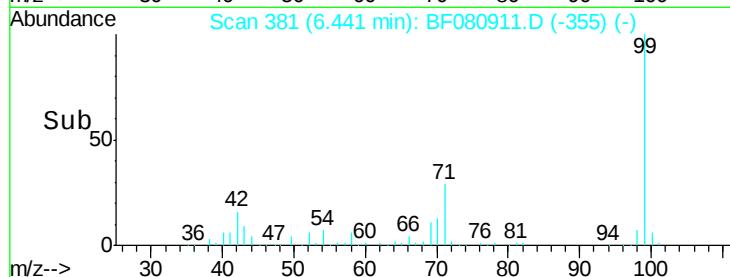
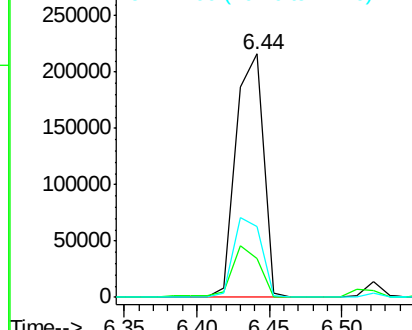
99 100

42 16.1 16.8 25.2#

71 29.2 27.4 41.0



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



#9

Benzaldehyde

Concen: 2.95 ng

RT: 6.58 min Scan# 393

Delta R.T. 0.23 min

Lab File: BF080911.D

Acq: 7 Aug 2015 3:43

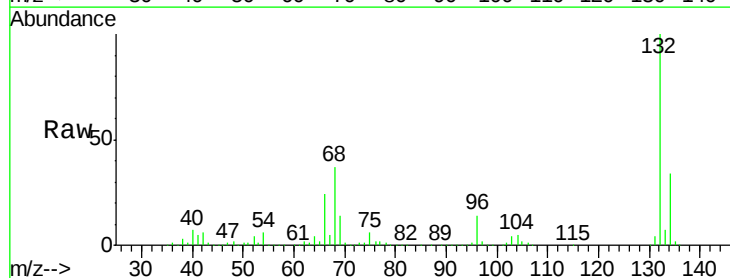
Tgt Ion: 77 Resp: 11709

Ion Ratio Lower Upper

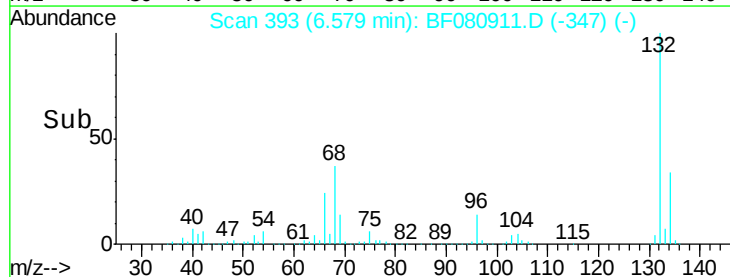
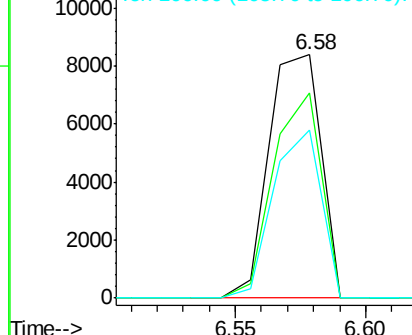
77 100

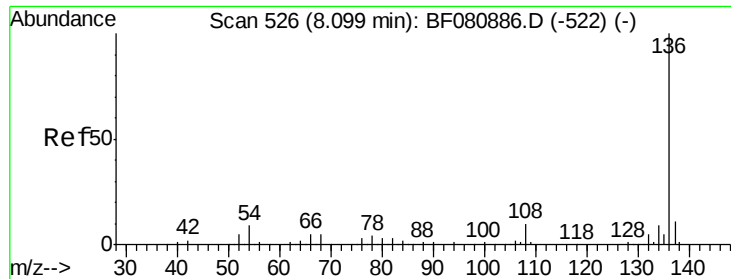
105 84.4 70.7 110.7

106 69.1 66.1 106.1



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0

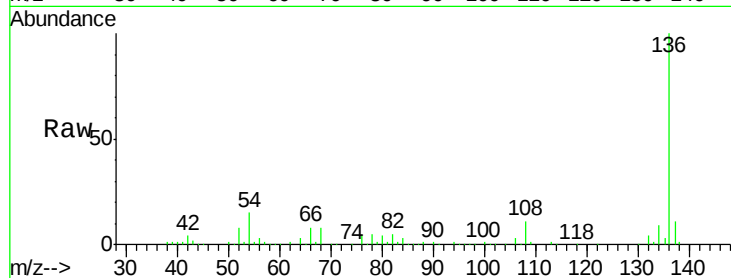




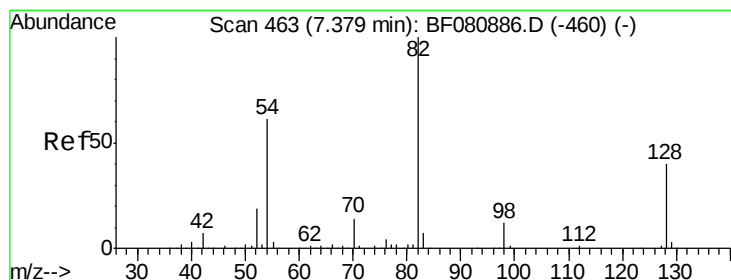
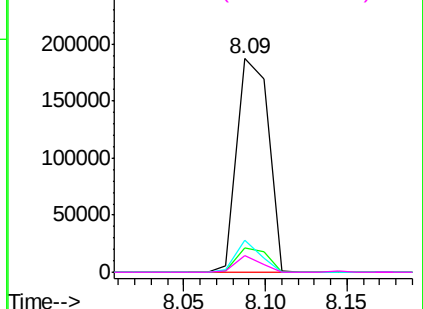
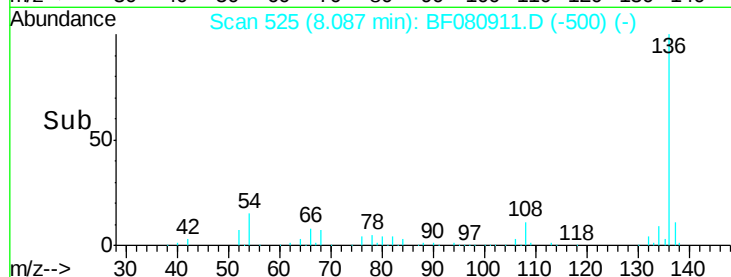
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.01 min
Lab File: BF080911.D
Acq: 7 Aug 2015 3:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	249015
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.6 12.8
54	15.1	7.5 11.3#
68	7.7	4.2 6.2#

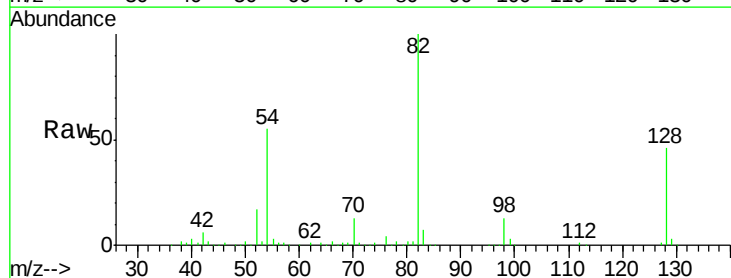


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

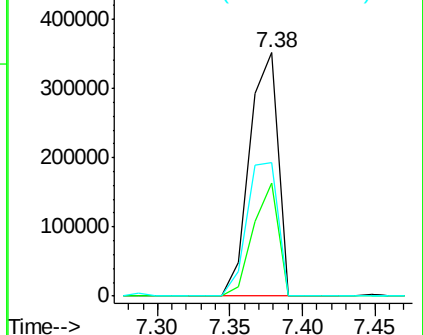
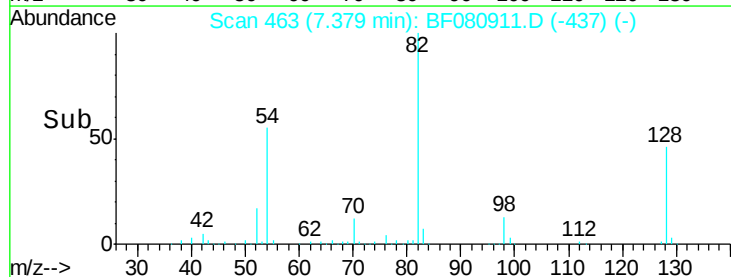


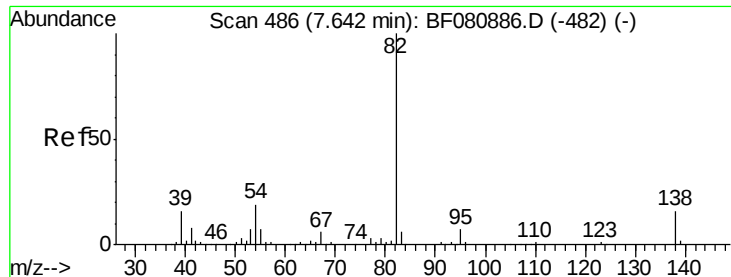
#23
Nitrobenzene-d5
Concen: 90.73 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.00 min
Lab File: BF080911.D
Acq: 7 Aug 2015 3:43

Tgt Ion: 82	Resp:	479591
Ion Ratio	Lower	Upper
82	100	
128	46.2	31.8 47.6
54	54.7	48.6 72.8



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 43.81 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.26 min

Lab File: BF080911.D

Acq: 7 Aug 2015 3:43

Instrument :

BNA_F

ClientSampled :

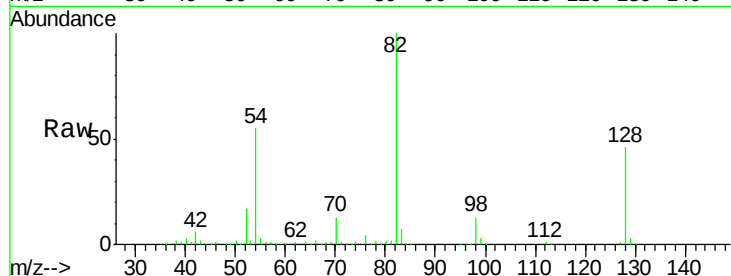
Tot Ion: 82 Resp: 443838

Ion Ratio Lower Upper

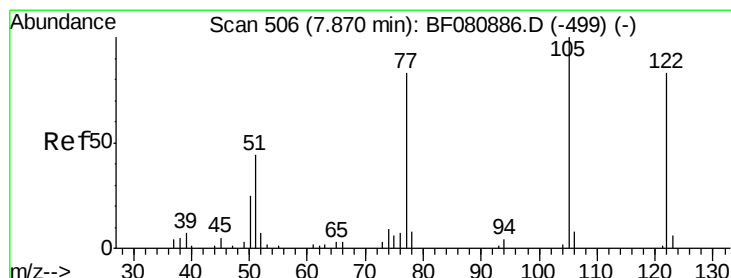
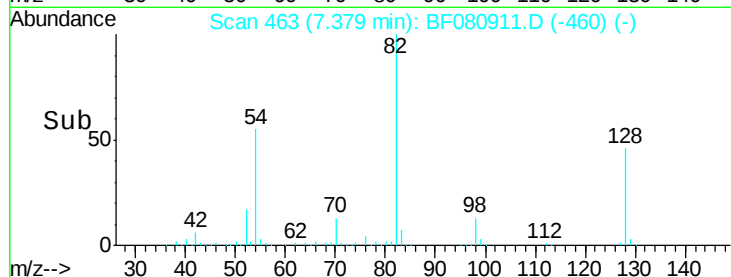
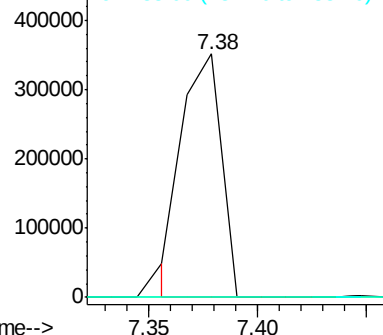
82 100

95 0.2 5.7 8.5#

138 0.0 13.0 19.6#



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



#32

Benzoic acid

Concen: 2.09 ng

RT: 7.81 min Scan# 501

Delta R.T. -0.06 min

Lab File: BF080911.D

Acq: 7 Aug 2015 3:43

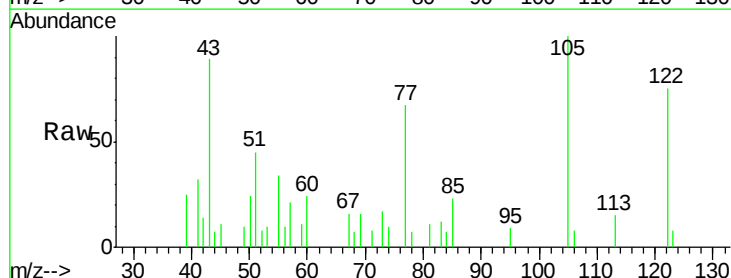
Tgt Ion:122 Resp: 5754

Ion Ratio Lower Upper

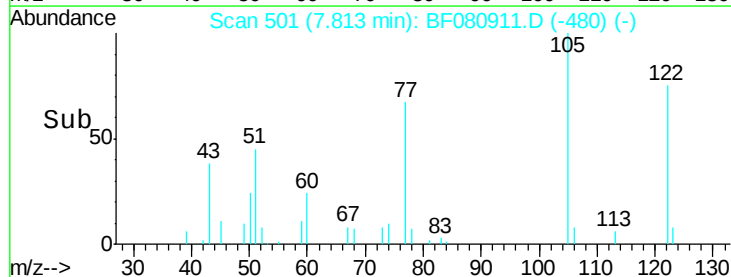
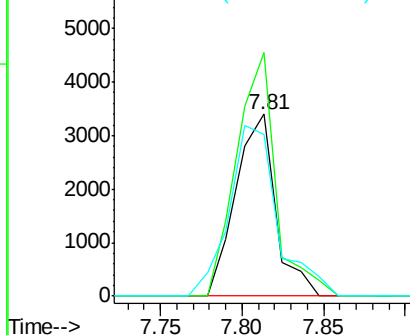
122 100

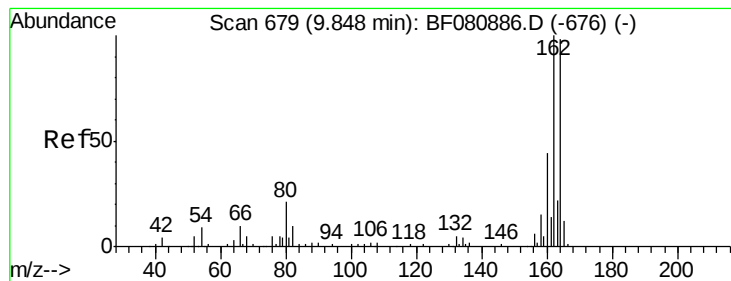
105 133.9 101.6 141.6

77 89.2 80.9 120.9



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.00 min

Lab File: BF080911.D

Acq: 7 Aug 2015 3:43

Instrument :

BNA_F

ClientSampleId :

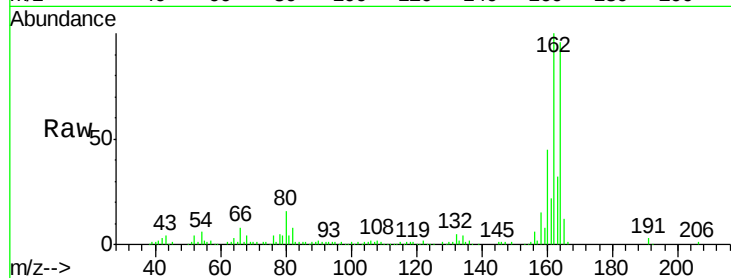
Tot Ion:164 Resp: 124826

Ion Ratio Lower Upper

164 100

162 104.5 81.5 122.3

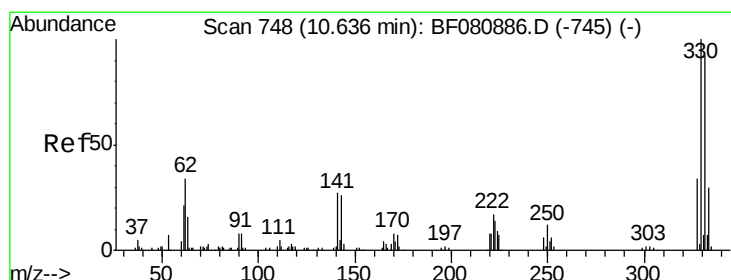
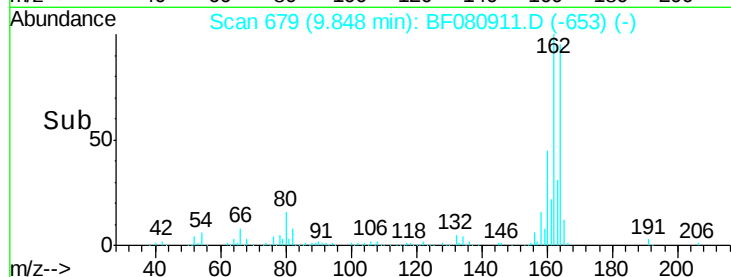
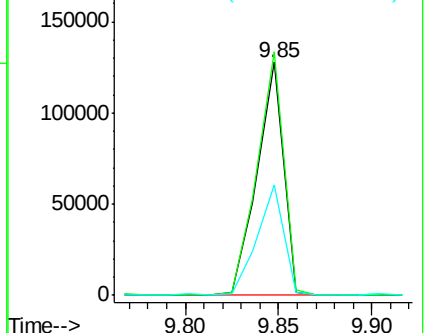
160 47.4 35.9 53.9



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: 129.23 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF080911.D

Acq: 7 Aug 2015 3:43

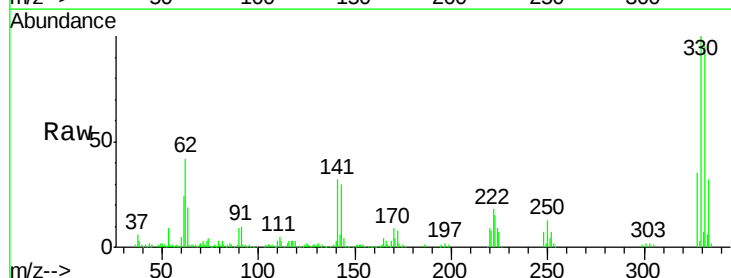
Tgt Ion:330 Resp: 173267

Ion Ratio Lower Upper

330 100

332 95.9 74.1 111.1

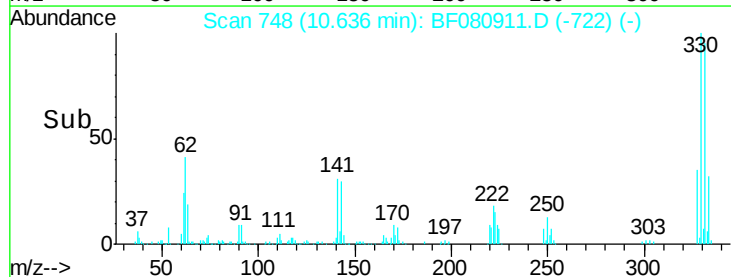
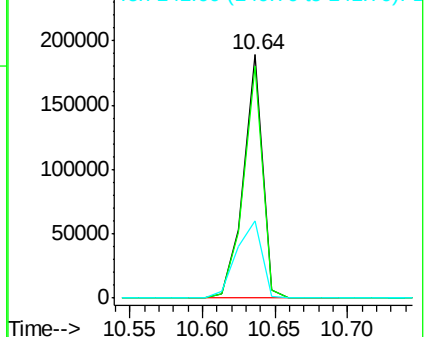
141 41.9 30.1 45.1

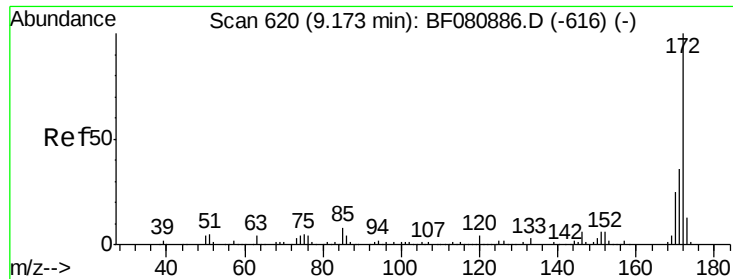


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

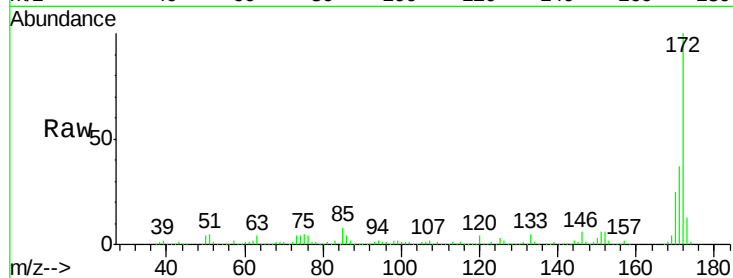




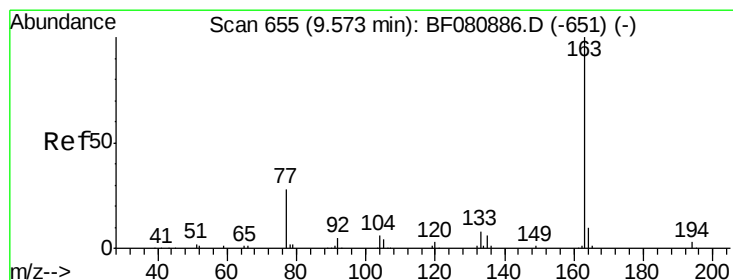
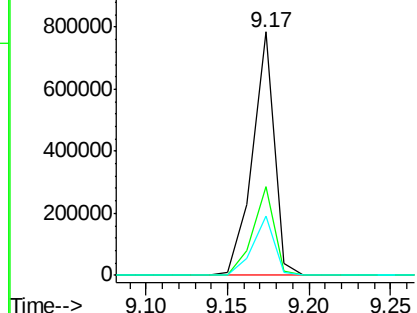
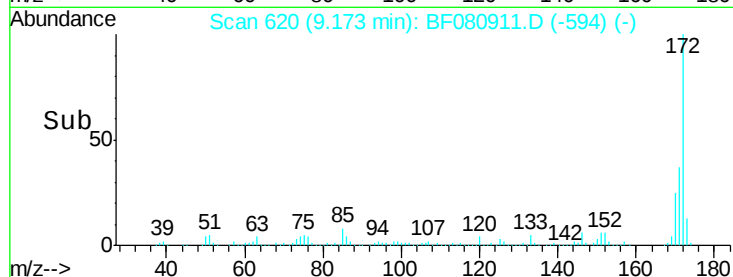
#44
2-Fluorobiphenyl
Concen: 83.24 ng
RT: 9.17 min Scan# 620
Delta R.T. -0.00 min
Lab File: BF080911.D
Acq: 7 Aug 2015 3:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 728986
Ion Ratio Lower Upper
172 100
171 36.5 29.0 43.4
170 24.6 19.9 29.9

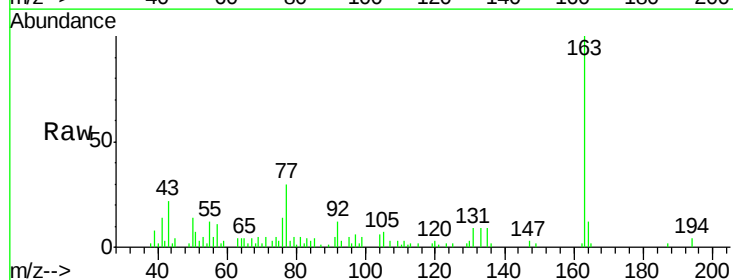


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

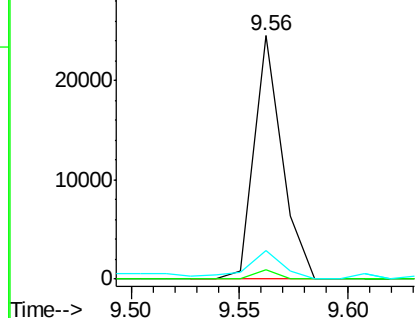
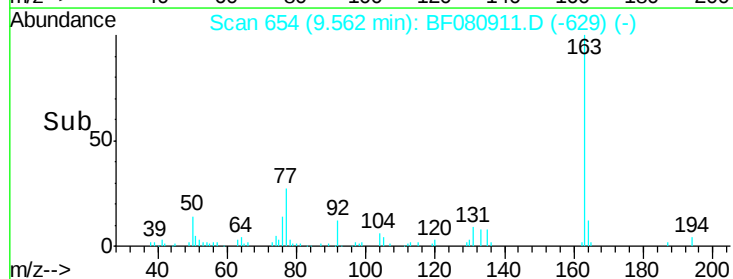


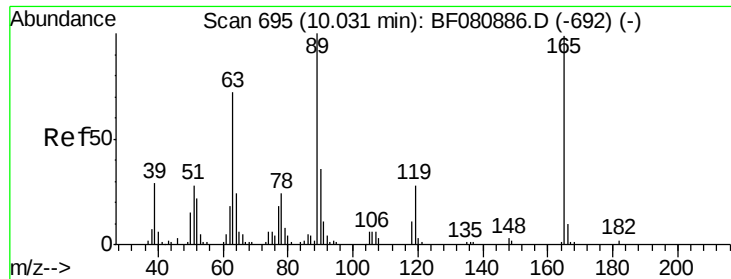
#49
Dimethylphthalate
Concen: 2.20 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF080911.D
Acq: 7 Aug 2015 3:43

Tgt Ion:163 Resp: 21796
Ion Ratio Lower Upper
163 100
194 3.8 2.3 3.5#
164 11.8 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

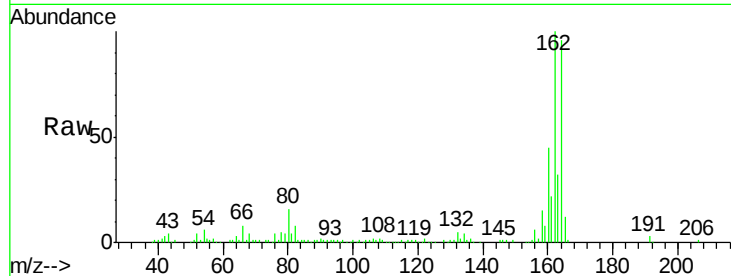




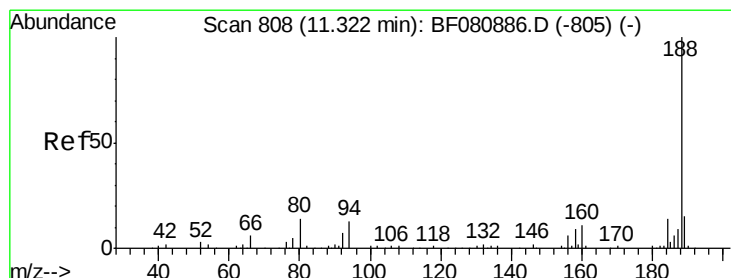
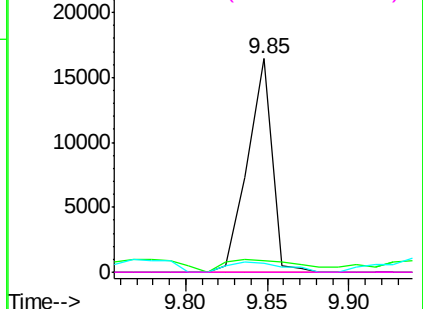
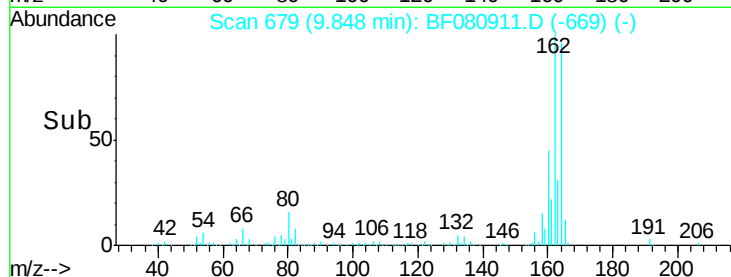
#56
 2,4-Dinitrotoluene
 Concen: 6.01 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.18 min
 Lab File: BF080911.D
 Acq: 7 Aug 2015 3:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 17194
 Ion Ratio Lower Upper
 165 100
 63 5.3 58.6 87.8#
 89 4.1 80.7 121.1#
 182 0.0 1.8 2.8#

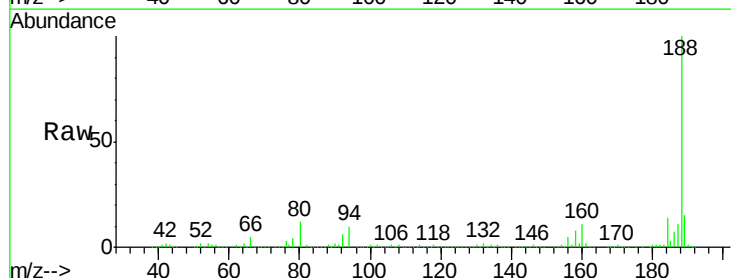


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

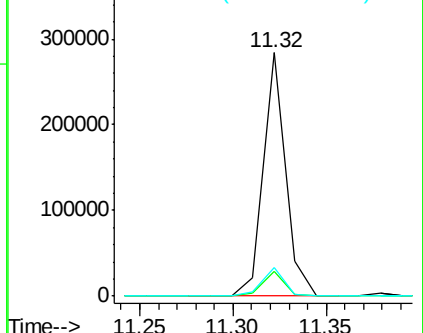
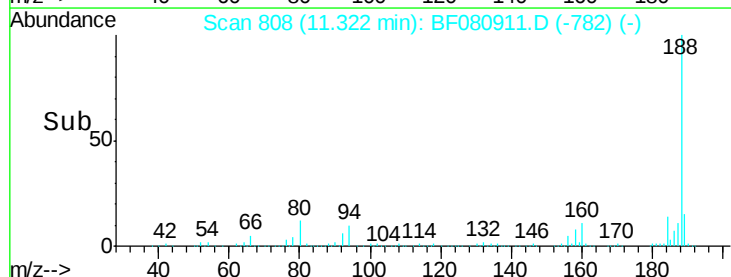


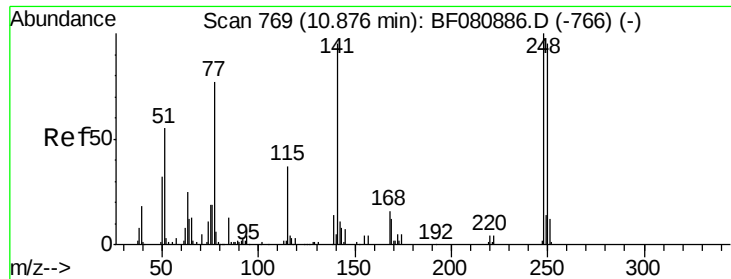
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF080911.D
 Acq: 7 Aug 2015 3:43

Tgt Ion:188 Resp: 237763
 Ion Ratio Lower Upper
 188 100
 94 10.4 10.2 15.2
 80 11.9 11.4 17.2



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





#66

4-Bromophenyl-phenylether

Concen: 4.62 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.24 min

Lab File: BF080911.D

Acq: 7 Aug 2015 3:43

Instrument :

BNA_F

ClientSampleId :

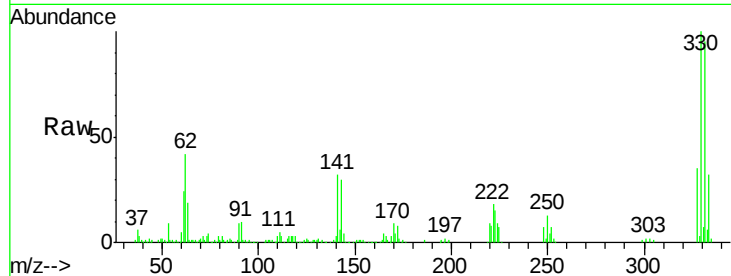
Tot Ion:248 Resp: 11941

Ion Ratio Lower Upper

248 100

250 192.9 75.9 113.9#

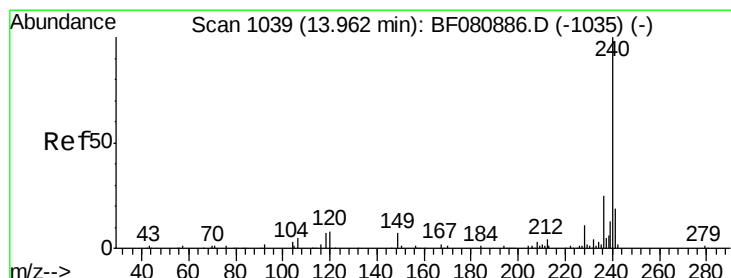
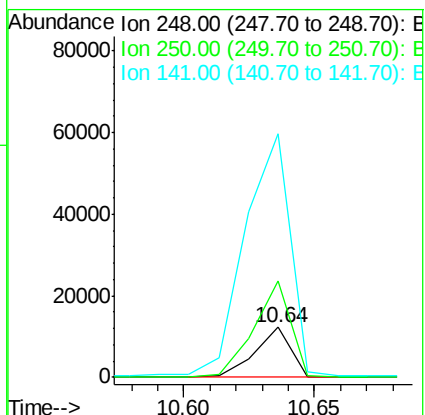
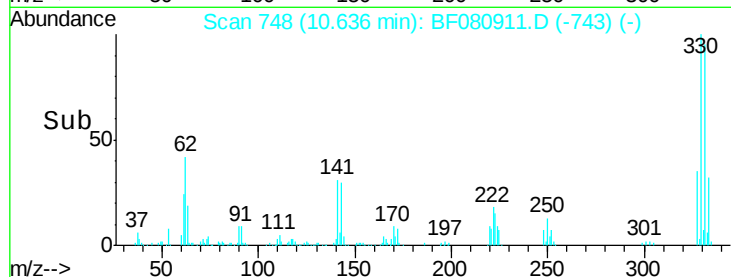
141 484.7 75.8 113.6#



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF080911.D

Acq: 7 Aug 2015 3:43

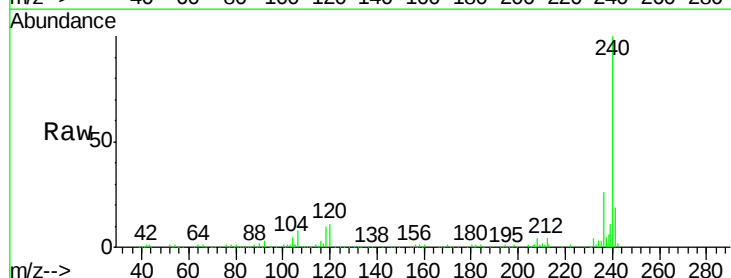
Tgt Ion:240 Resp: 213034

Ion Ratio Lower Upper

240 100

120 10.9 6.4 9.6#

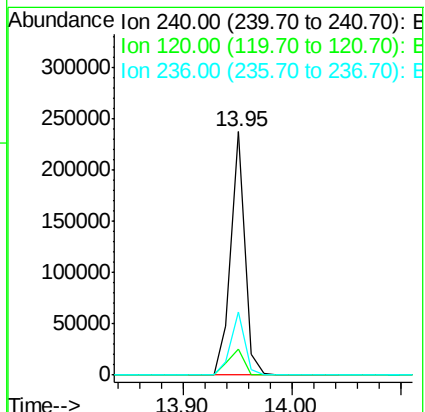
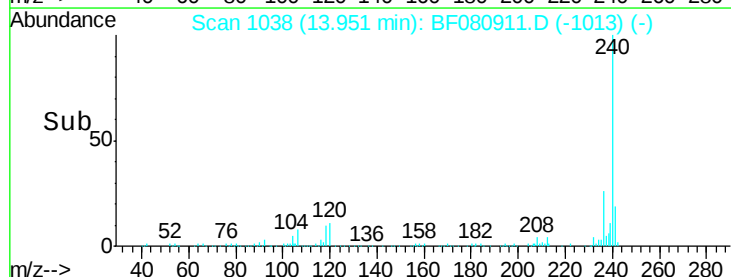
236 26.1 20.2 30.4

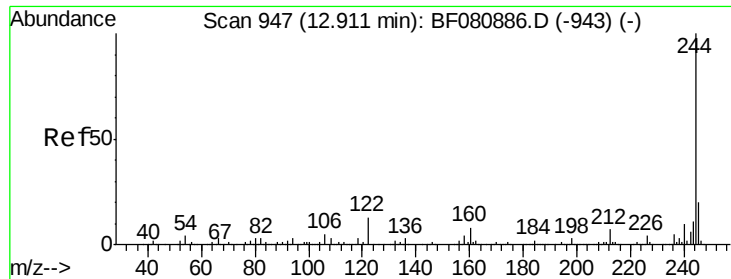


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

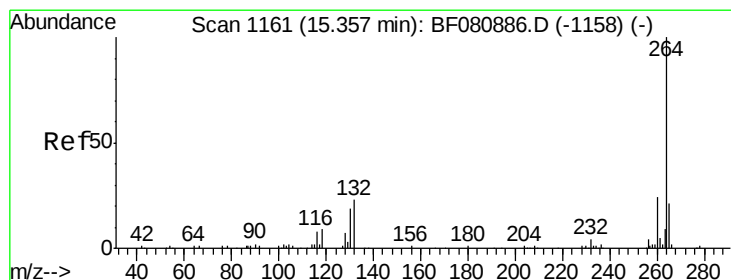
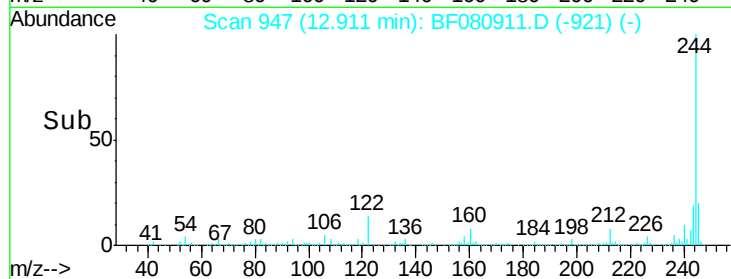
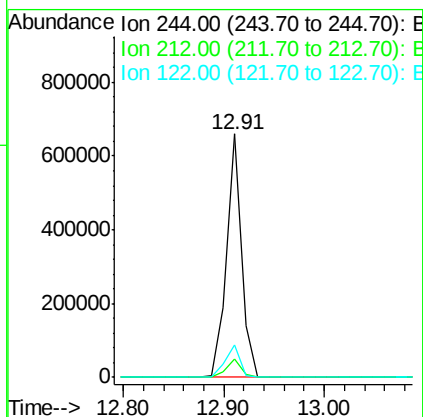
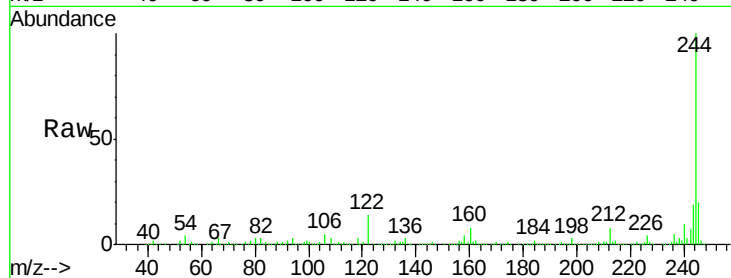




#78
 Terphenyl-d14
 Concen: 67.73 ng
 RT: 12.91 min Scan# 947
 Delta R.T. -0.00 min
 Lab File: BF080911.D
 Acq: 7 Aug 2015 3:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 684393
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.9 8.9
 122 13.5 10.6 16.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: BF080911.D
 Acq: 7 Aug 2015 3:43

Tgt Ion:264 Resp: 171504
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.0 28.4
 265 21.6 17.0 25.6

