

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063015\
 Data File : BF080243.D
 Acq On : 30 Jun 2015 18:32
 Operator : TP/IZ
 Sample : G2837-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Quant Time: Jul 01 01:19:31 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

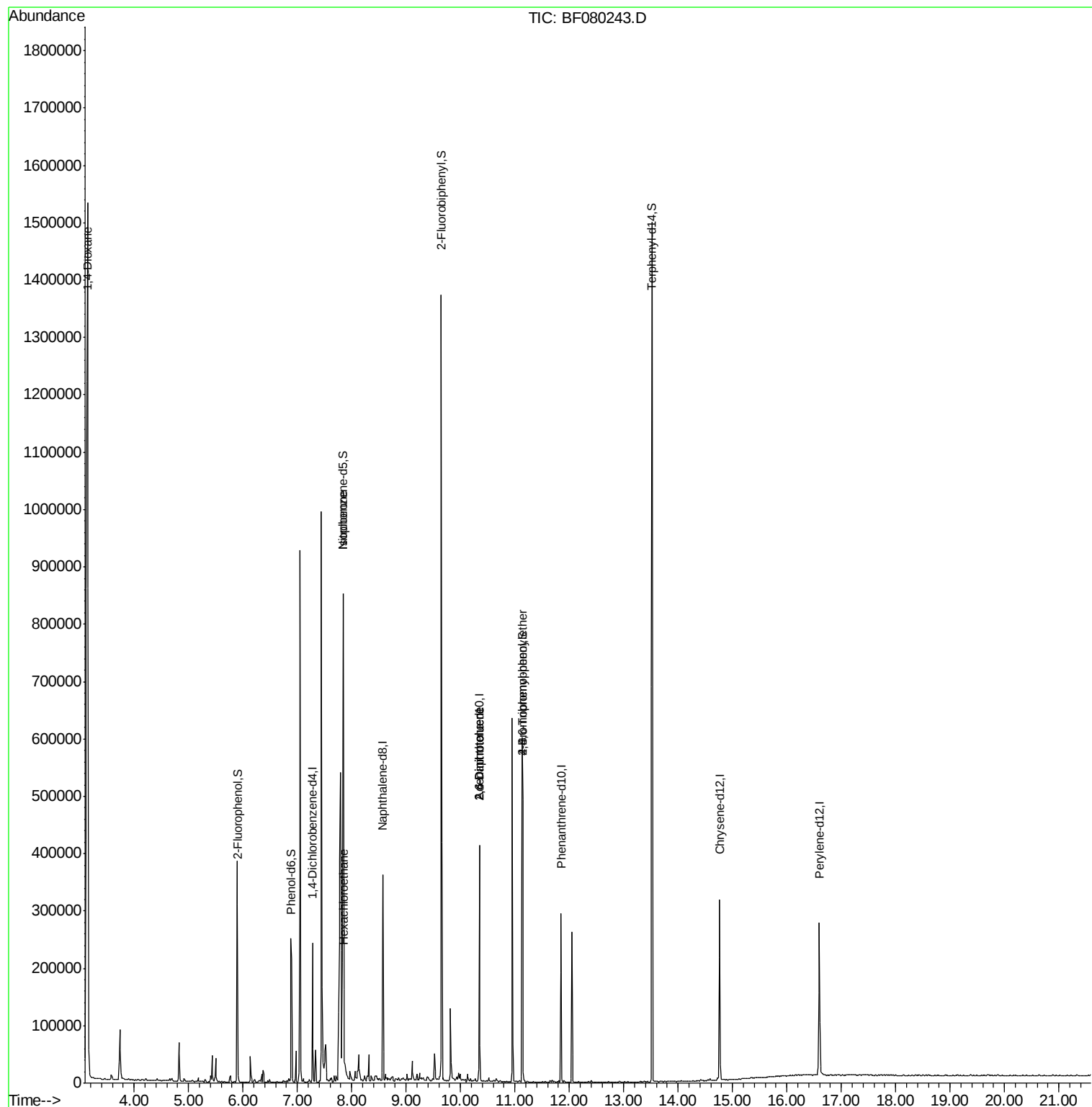
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.28	152	34076	20.00	ng	-0.05
21) Naphthalene-d8	8.57	136	139205	20.00	ng	-0.05
38) Acenaphthene-d10	10.34	164	73223	20.00	ng	-0.05
63) Phenanthrene-d10	11.85	188	139029	20.00	ng	-0.06
75) Chrysene-d12	14.77	240	154812	20.00	ng	-0.23
86) Perylene-d12	16.60	264	149429	20.00	ng	-0.33
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	140675	73.08	ng	-0.03
7) Phenol-d6	6.89	99	116094	45.32	ng	-0.03
23) Nitrobenzene-d5	7.84	82	219827	91.93	ng	-0.03
41) 2,4,6-Tribromophenol	11.14	330	93523	130.62	ng	-0.03
44) 2-Fluorobiphenyl	9.65	172	431806	84.10	ng	-0.05
78) Terphenyl-d14	13.52	244	556141	83.90	ng	-0.15
Target Compounds						
2) 1,4-Dioxane	3.14	88	920674	1006.22	ng	Qvalue 83
18) Hexachloroethane	7.85	117	4441	5.25	ng	# 19
25) Isophorone	7.84	82	219497	45.61	ng	# 58
50) 2,6-Dinitrotoluene	10.34	165	9547	8.65	ng	# 37
56) 2,4-Dinitrotoluene	10.34	165	9548	6.82	ng	# 31
66) 4-Bromophenyl-phenylether	11.14	248	6176	4.18	ng	# 1

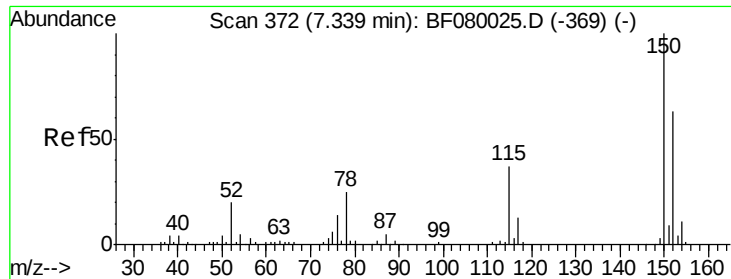
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.28 min Scan# 367

Delta R.T. -0.05 min

Lab File: BF080243.D

Acq: 30 Jun 2015 18:32

Instrument :

BNA_F

ClientSampleId :

MW-1

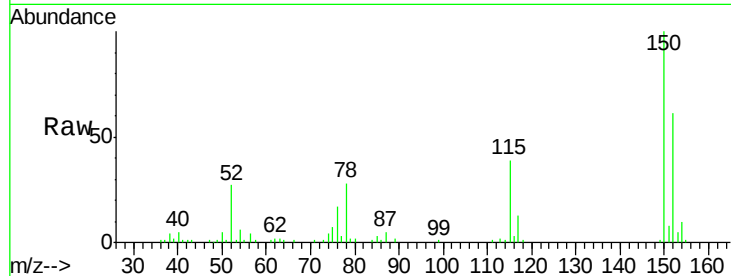
Tgt Ion:152 Resp: 34076

Ion Ratio Lower Upper

152 100

150 163.1 124.7 187.1

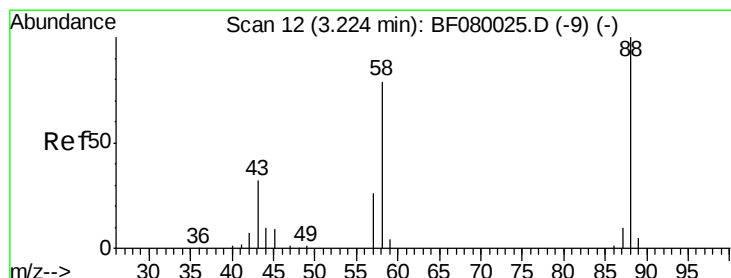
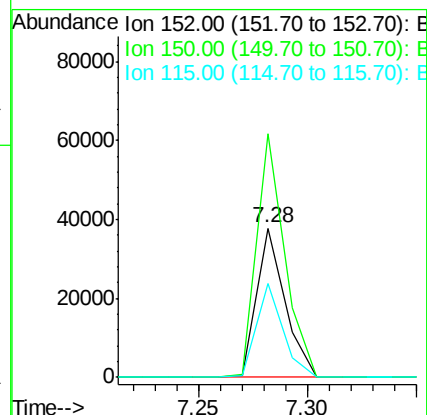
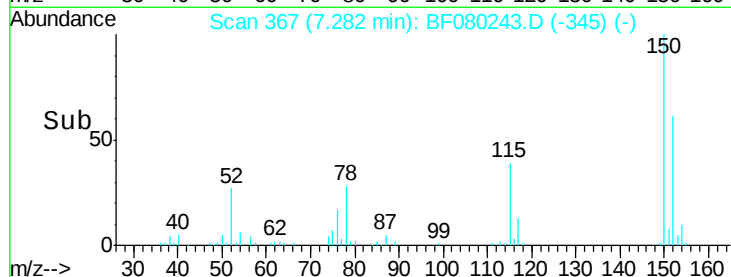
115 63.0 39.0 58.4#



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: 1006.22 ng

RT: 3.14 min Scan# 5

Delta R.T. -0.05 min

Lab File: BF080243.D

Acq: 30 Jun 2015 18:32

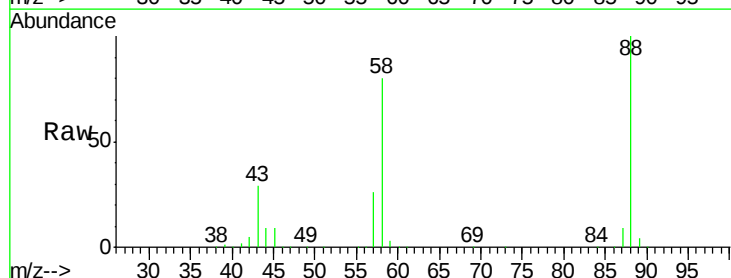
Tgt Ion: 88 Resp: 920674

Ion Ratio Lower Upper

88 100

58 77.9 77.7 116.5

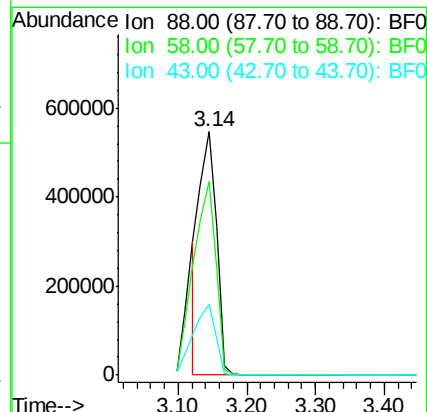
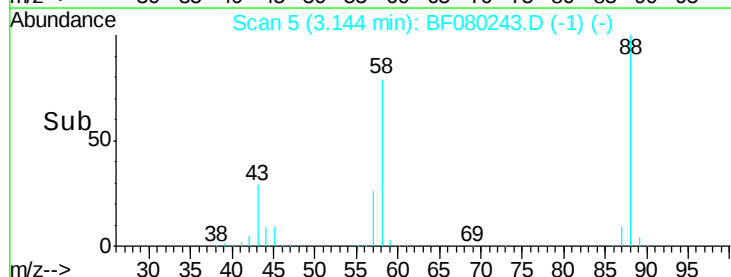
43 28.0 26.6 40.0

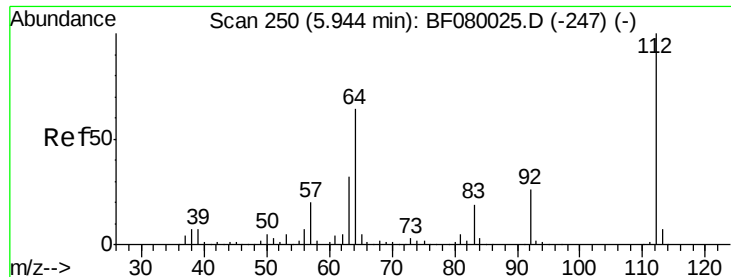


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

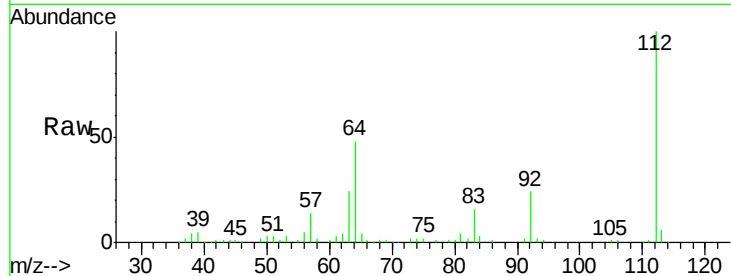




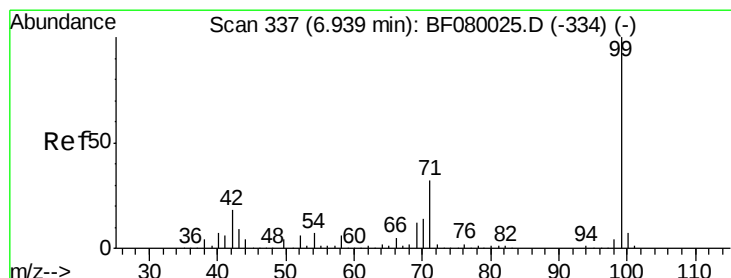
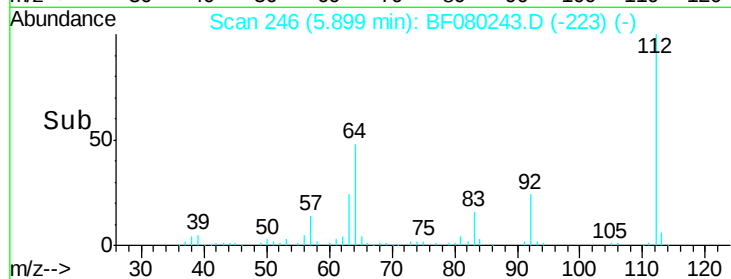
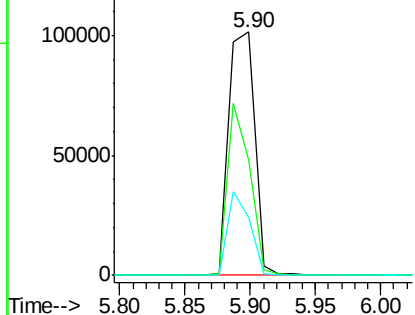
#5
 2-Fluorophenol
 Concen: 73.08 ng
 RT: 5.90 min Scan# 246
 Delta R.T. -0.03 min
 Lab File: BF080243.D
 Acq: 30 Jun 2015 18:32

Instrument :
 BNA_F
 ClientSampled :
 MW-1

Tgt Ion: 112 Resp: 140675
 Ion Ratio Lower Upper
 112 100
 64 47.6 39.7 59.5
 63 23.7 17.4 26.0

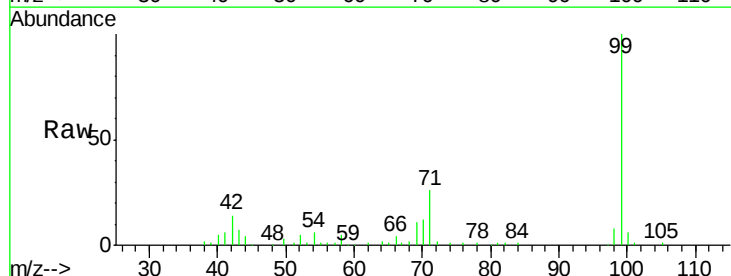


Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0

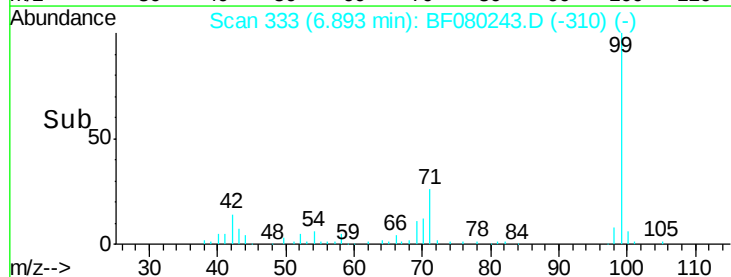
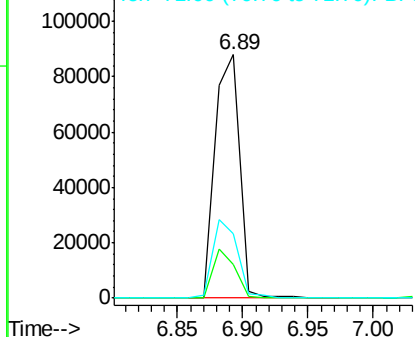


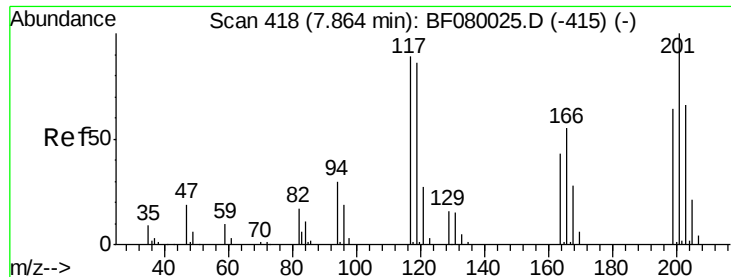
#7
 Phenol-d6
 Concen: 45.32 ng
 RT: 6.89 min Scan# 333
 Delta R.T. -0.03 min
 Lab File: BF080243.D
 Acq: 30 Jun 2015 18:32

Tgt Ion: 99 Resp: 116094
 Ion Ratio Lower Upper
 99 100
 42 13.9 13.7 20.5
 71 26.4 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

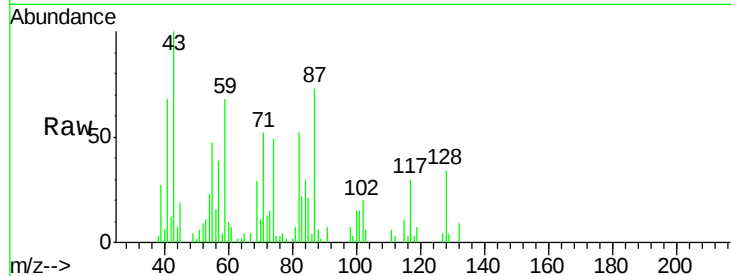




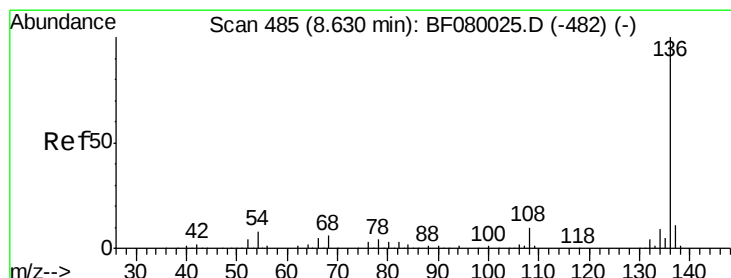
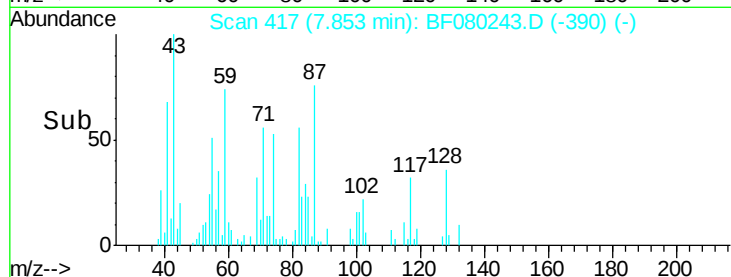
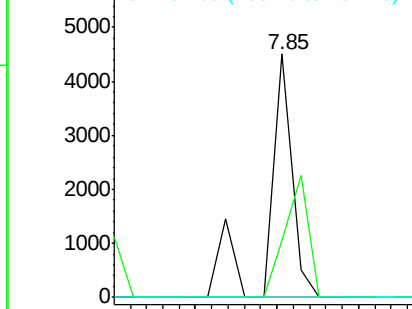
#18
Hexachloroethane
Concen: 5.25 ng
RT: 7.85 min Scan# 417
Delta R.T. 0.01 min
Lab File: BF080243.D
Acq: 30 Jun 2015 18:32

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:117 Resp: 4441
Ion Ratio Lower Upper
117 100
119 23.5 83.8 125.6#
201 0.0 55.1 82.7#

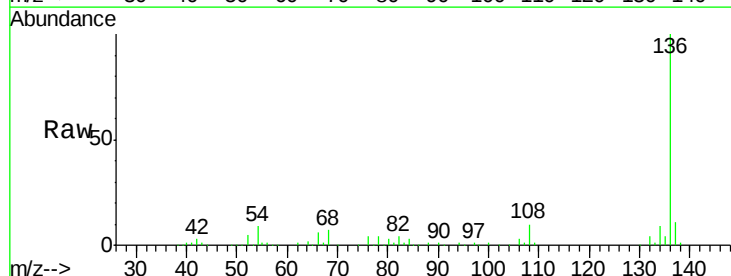


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

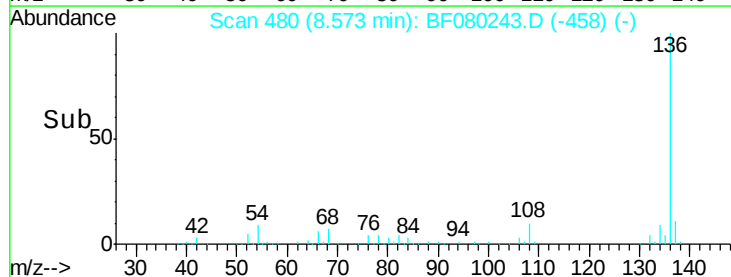
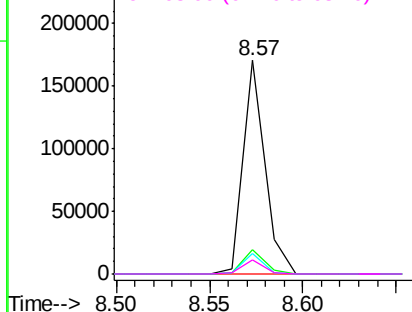


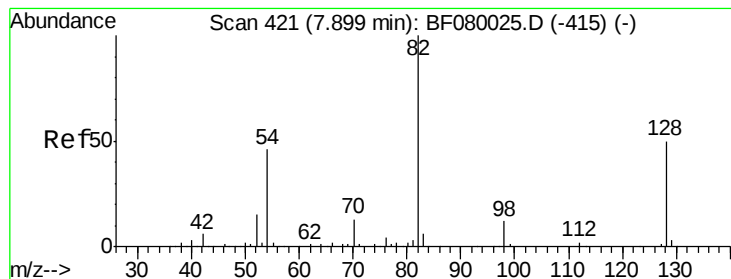
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.57 min Scan# 480
Delta R.T. -0.05 min
Lab File: BF080243.D
Acq: 30 Jun 2015 18:32

Tgt Ion:136 Resp: 139205
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 9.3 8.2 12.2
68 6.8 5.8 8.6



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





#23

Nitrobenzene-d5

Concen: 91.93 ng

RT: 7.84 min Scan# 416

Delta R.T. -0.03 min

Lab File: BF080243.D

Acq: 30 Jun 2015 18:32

Instrument :

BNA_F

ClientSampleId :

MW-1

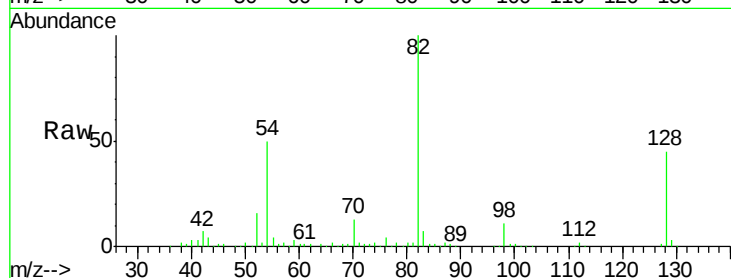
Tgt Ion: 82 Resp: 219827

Ion Ratio Lower Upper

82 100

128 44.8 51.0 76.6#

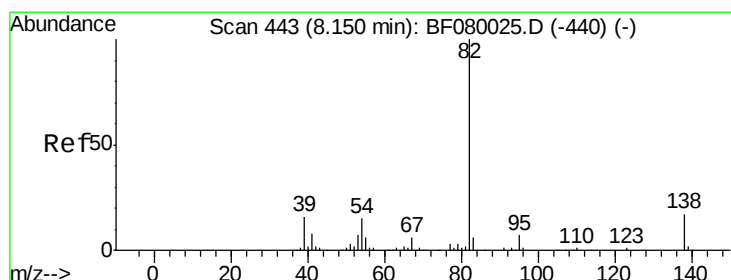
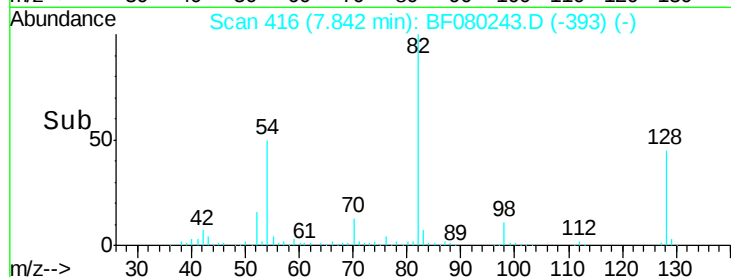
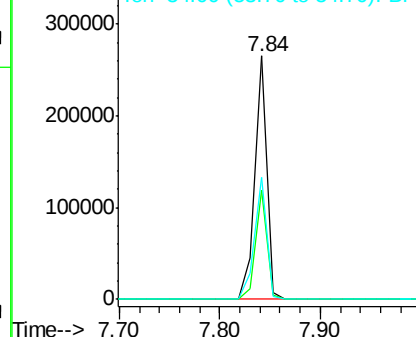
54 50.2 47.5 71.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 45.61 ng

RT: 7.84 min Scan# 416

Delta R.T. -0.30 min

Lab File: BF080243.D

Acq: 30 Jun 2015 18:32

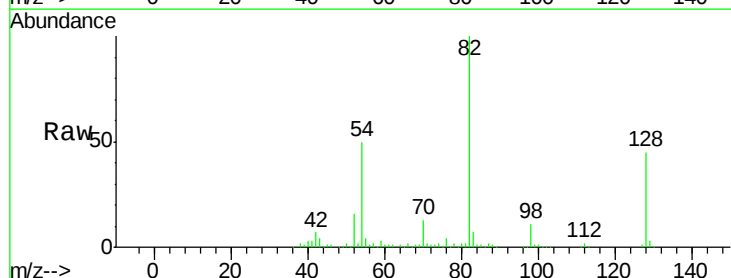
Tgt Ion: 82 Resp: 219497

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

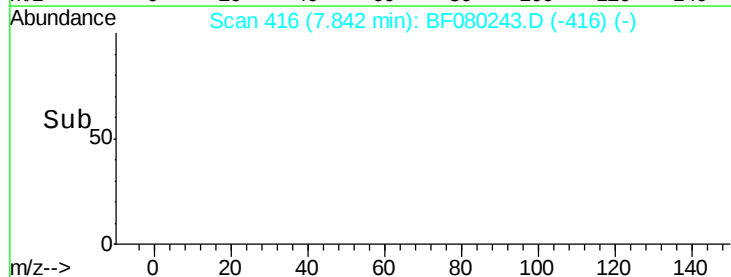
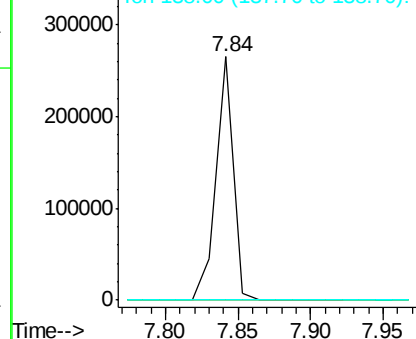
138 0.0 18.3 27.5#

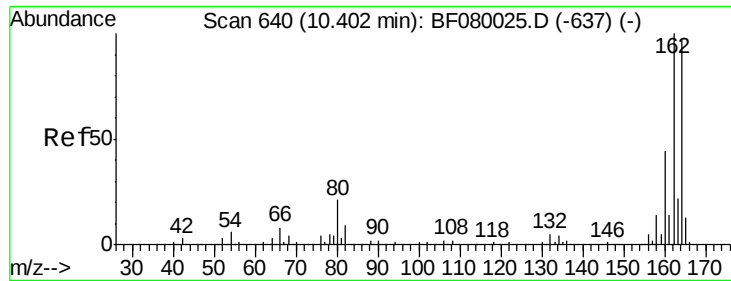


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

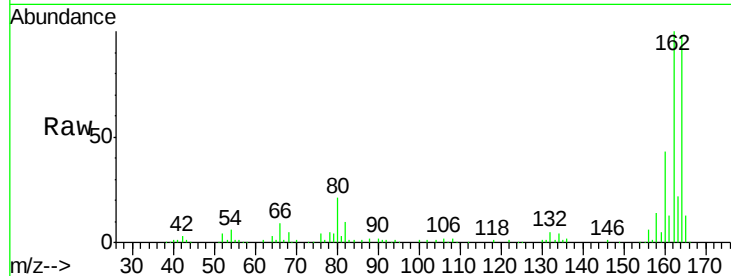




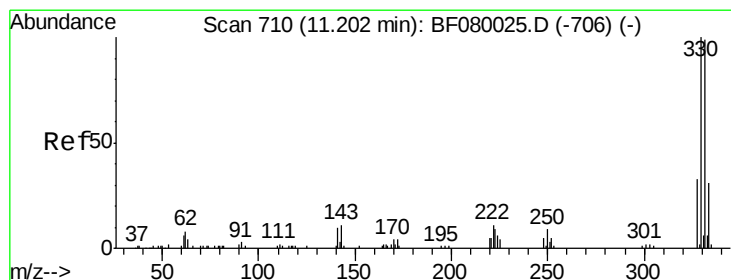
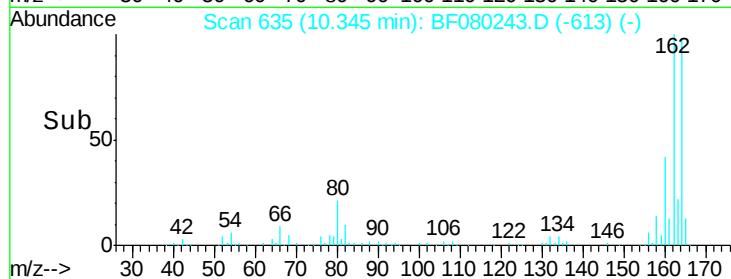
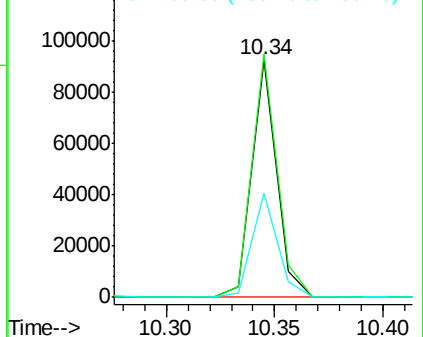
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.34 min Scan# 635
 Delta R.T. -0.05 min
 Lab File: BF080243.D
 Acq: 30 Jun 2015 18:32

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Tgt Ion:164 Resp: 73223
 Ion Ratio Lower Upper
 164 100
 162 102.5 75.2 112.8
 160 43.8 31.5 47.3

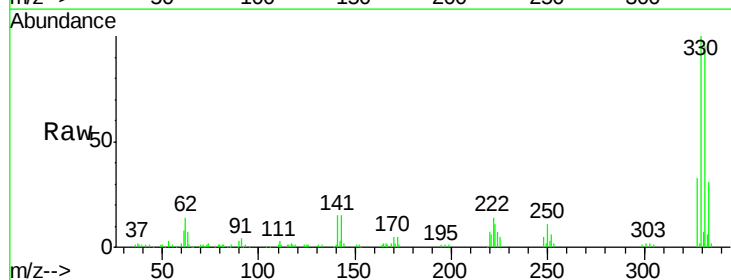


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

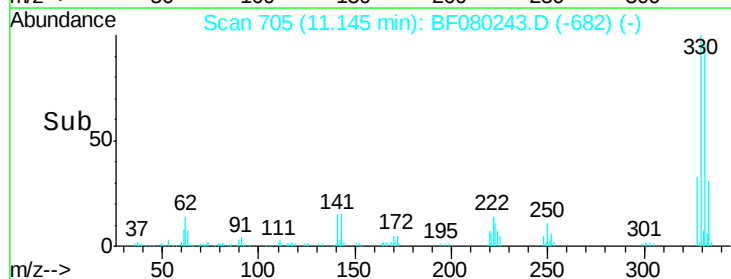
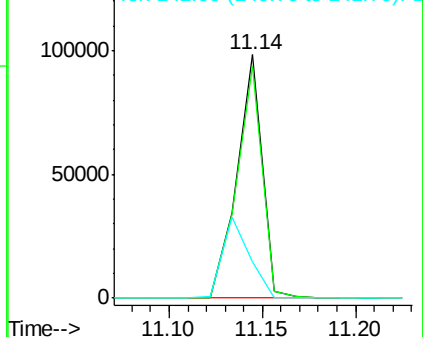


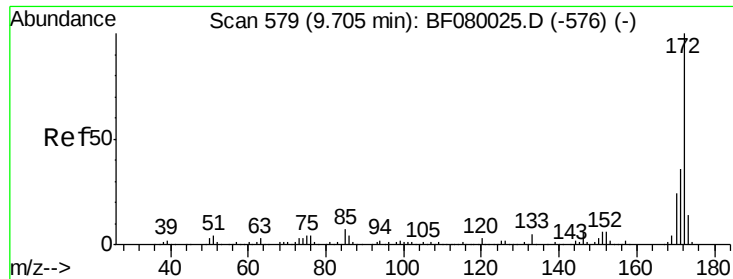
#41
 2,4,6-Tribromophenol
 Concen: 130.62 ng
 RT: 11.14 min Scan# 705
 Delta R.T. -0.03 min
 Lab File: BF080243.D
 Acq: 30 Jun 2015 18:32

Tgt Ion:330 Resp: 93523
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 114.8
 141 35.6 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

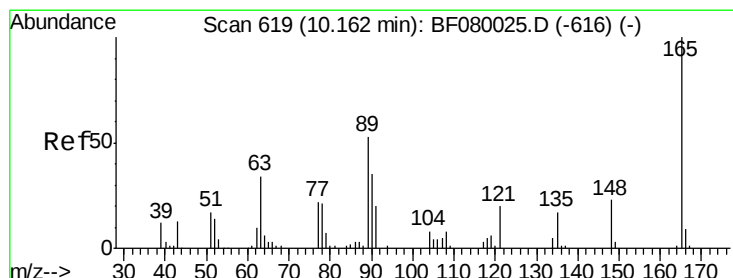
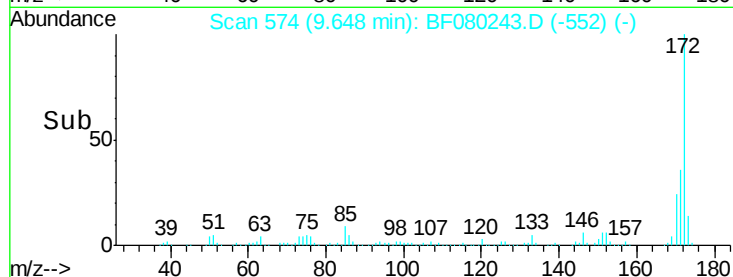
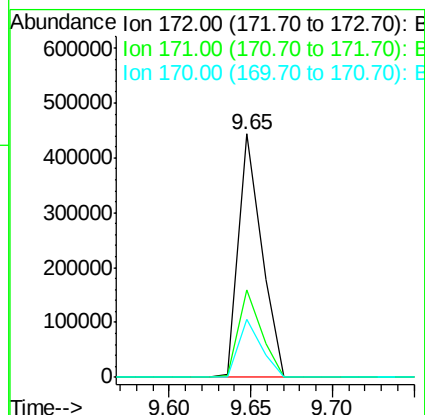
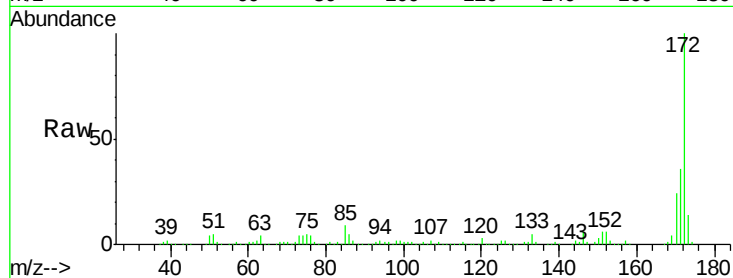




#44
 2-Fluorobiphenyl
 Concen: 84.10 ng
 RT: 9.65 min Scan# 574
 Delta R.T. -0.05 min
 Lab File: BF080243.D
 Acq: 30 Jun 2015 18:32

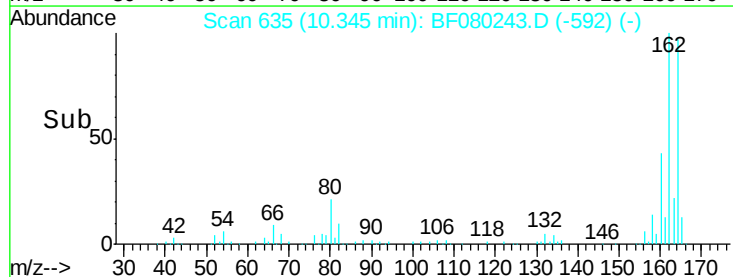
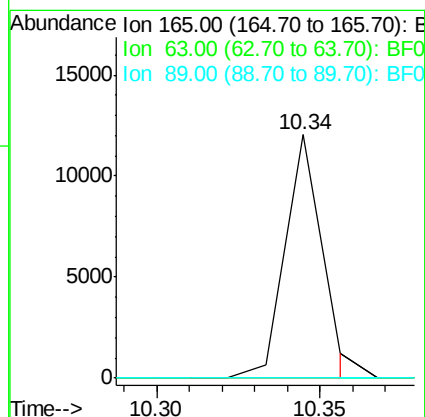
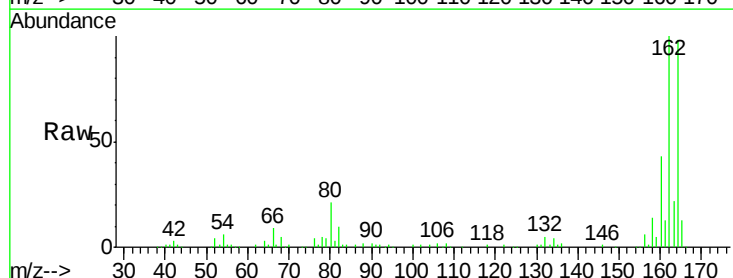
Instrument :
 BNA_F
 ClientSampleId :
 MW-1

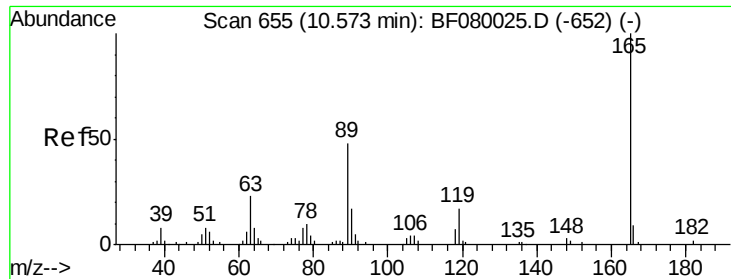
Tgt Ion:172 Resp: 431806
 Ion Ratio Lower Upper
 172 100
 171 36.0 26.1 39.1
 170 23.9 17.4 26.2



#50
 2,6-Dinitrotoluene
 Concen: 8.65 ng
 RT: 10.34 min Scan# 635
 Delta R.T. 0.19 min
 Lab File: BF080243.D
 Acq: 30 Jun 2015 18:32

Tgt Ion:165 Resp: 9547
 Ion Ratio Lower Upper
 165 100
 63 0.0 32.3 48.5#
 89 0.0 28.6 43.0#





#56

2,4-Dinitrotoluene

Concen: 6.82 ng

RT: 10.34 min Scan# 635

Delta R.T. -0.21 min

Lab File: BF080243.D

Acq: 30 Jun 2015 18:32

Instrument :

BNA_F

ClientSampleId :

MW-1

Tgt Ion:165 Resp: 9548

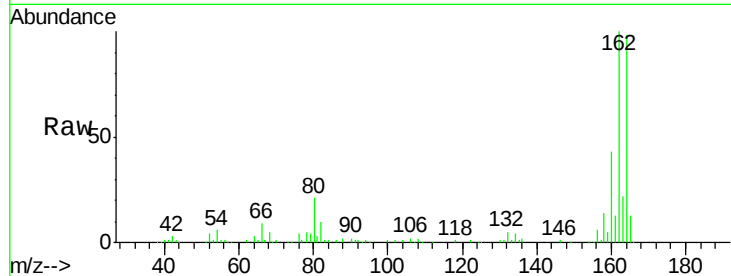
Ion Ratio Lower Upper

165 100

63 0.0 29.8 44.6#

89 0.0 44.5 66.7#

182 0.0 3.0 4.4#

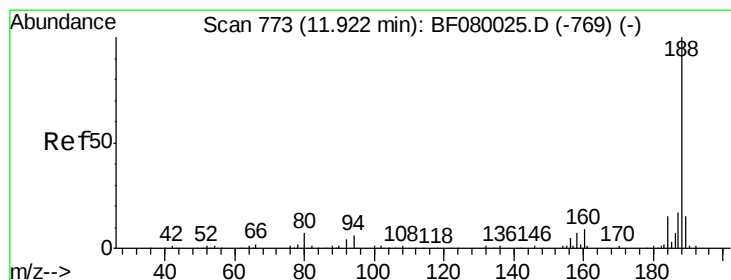
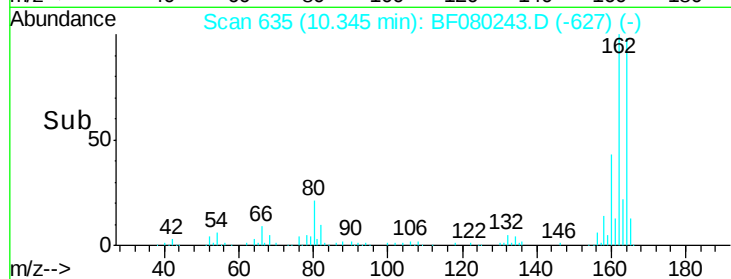
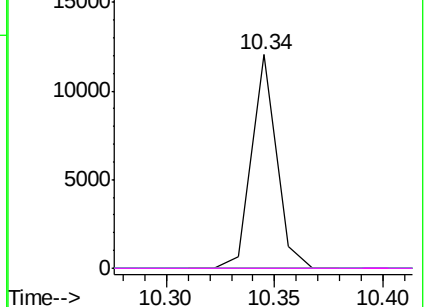


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.85 min Scan# 767

Delta R.T. -0.06 min

Lab File: BF080243.D

Acq: 30 Jun 2015 18:32

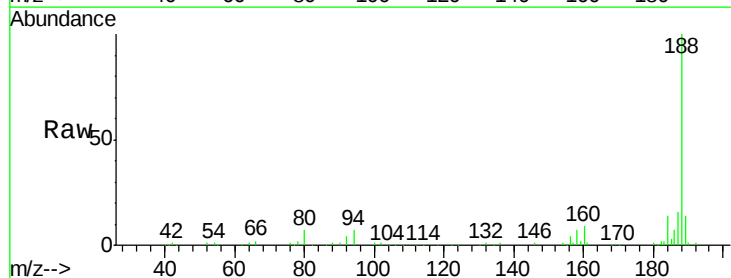
Tgt Ion:188 Resp: 139029

Ion Ratio Lower Upper

188 100

94 6.7 11.1 16.7#

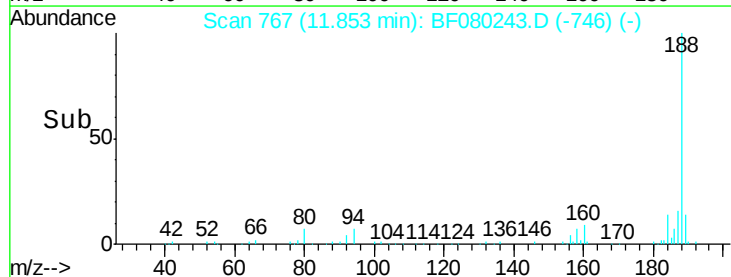
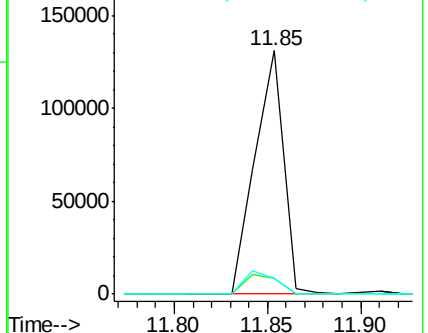
80 6.6 11.0 16.4#

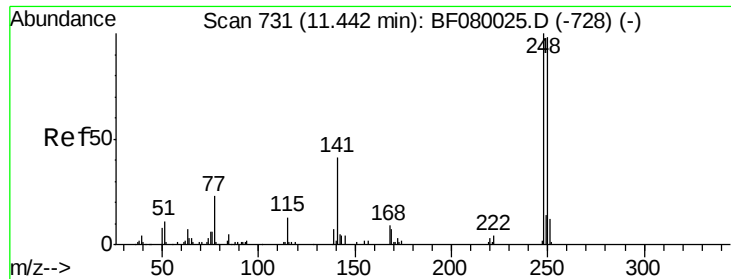


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

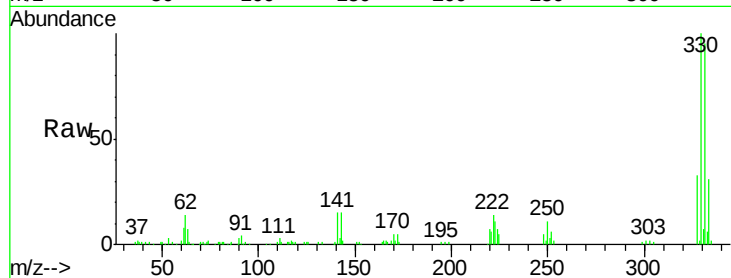




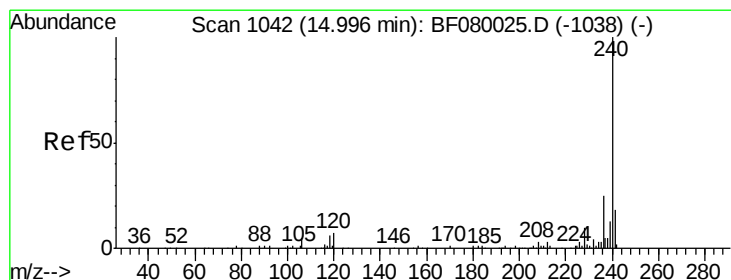
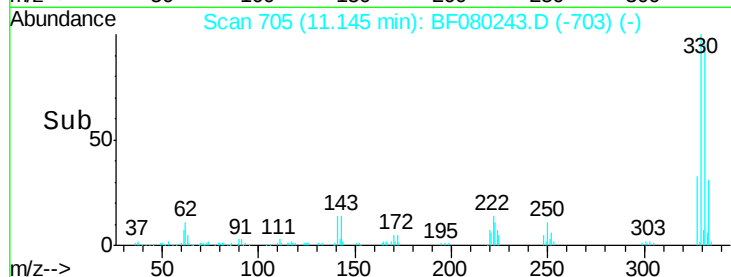
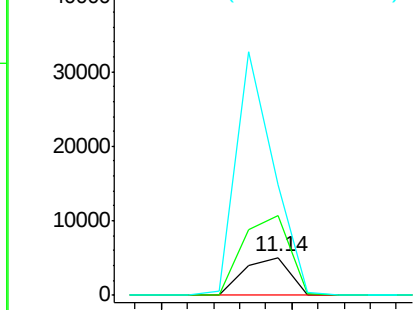
#66
 4-Bromophenyl-phenylether
 Concen: 4.18 ng
 RT: 11.14 min Scan# 705
 Delta R.T. -0.27 min
 Lab File: BF080243.D
 Acq: 30 Jun 2015 18:32

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Tgt Ion:248 Resp: 6176
 Ion Ratio Lower Upper
 248 100
 250 209.6 78.5 117.7#
 141 291.8 59.0 88.6#

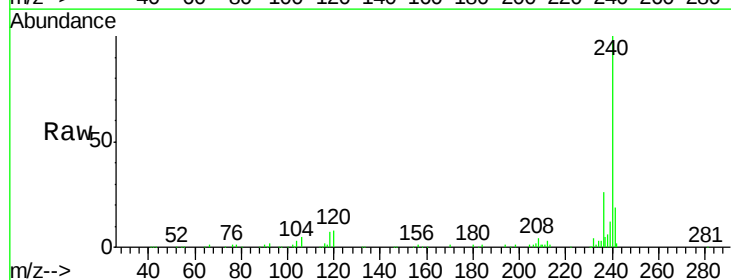


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

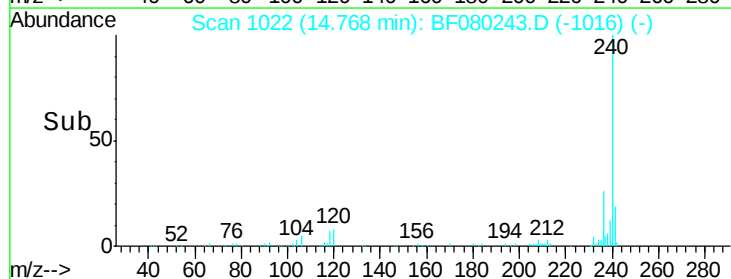
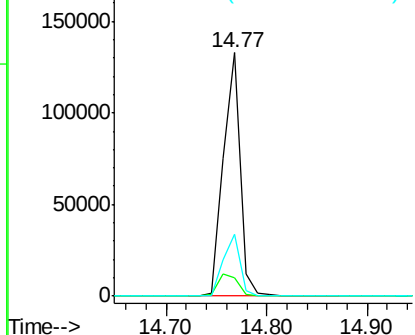


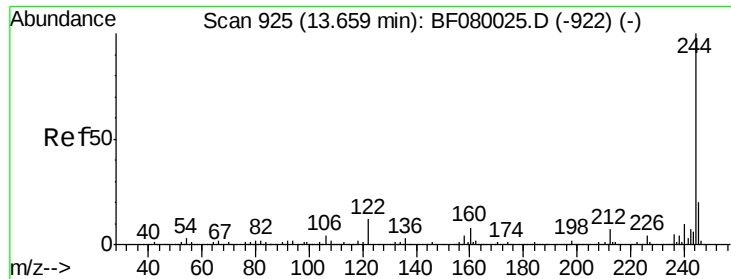
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.77 min Scan# 1022
 Delta R.T. -0.23 min
 Lab File: BF080243.D
 Acq: 30 Jun 2015 18:32

Tgt Ion:240 Resp: 154812
 Ion Ratio Lower Upper
 240 100
 120 7.8 16.2 24.2#
 236 25.5 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

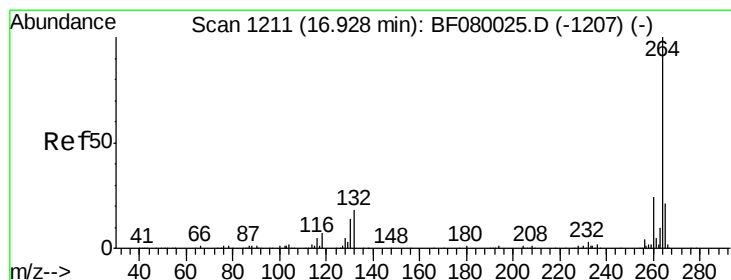
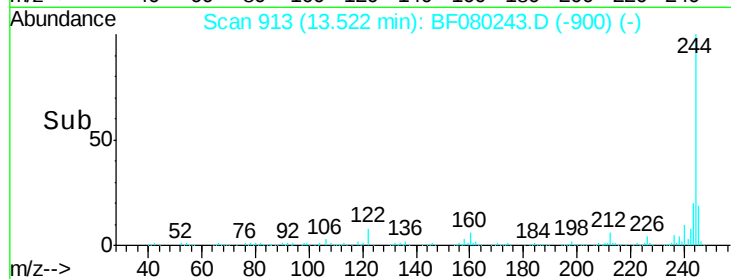
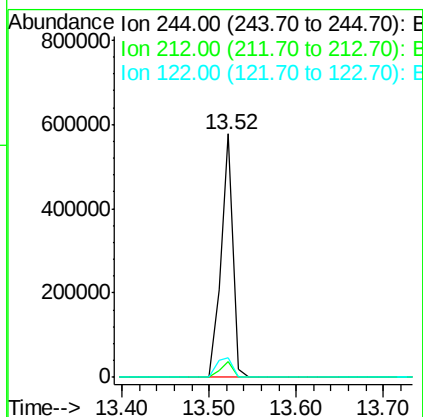
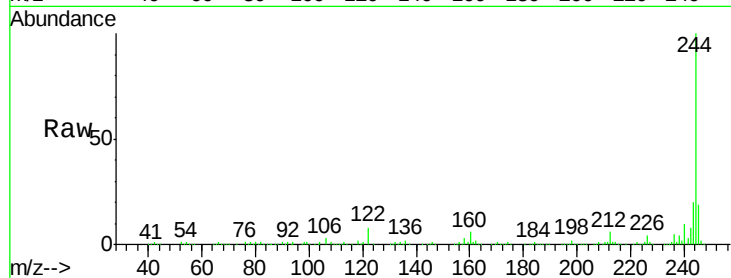




#78
 Terphenyl-d14
 Concen: 83.90 ng
 RT: 13.52 min Scan# 913
 Delta R.T. -0.15 min
 Lab File: BF080243.D
 Acq: 30 Jun 2015 18:32

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Tgt Ion:244 Resp: 556141
 Ion Ratio Lower Upper
 244 100
 212 6.4 4.3 6.5
 122 8.0 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.60 min Scan# 1182
 Delta R.T. -0.33 min
 Lab File: BF080243.D
 Acq: 30 Jun 2015 18:32

Tgt Ion:264 Resp: 149429
 Ion Ratio Lower Upper
 264 100
 260 22.4 16.7 25.1
 265 20.4 17.2 25.8

