

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092915\
 Data File : BF081906.D
 Acq On : 30 Sep 2015 9:37
 Operator : UM/IZ
 Sample : G3754-06DL2 25X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-7BDDL2

Quant Time: Sep 30 10:46:57 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

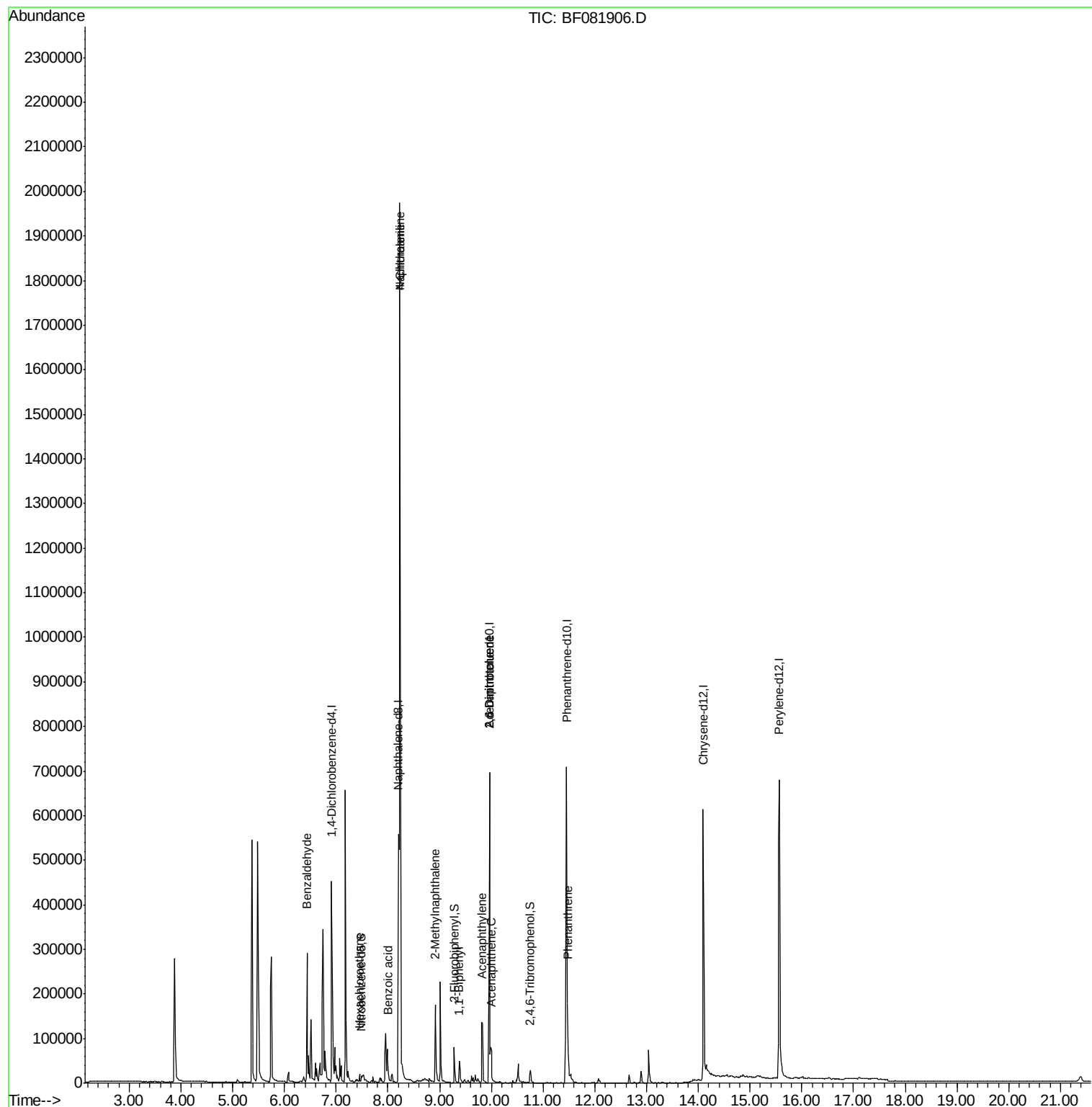
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	101778	20.00	ng	-0.02
21) Naphthalene-d8	8.21	136	297942	20.00	ng	-0.01
38) Acenaphthene-d10	9.97	164	158543	20.00	ng	-0.01
63) Phenanthrene-d10	11.45	188	324369	20.00	ng	-0.01
75) Chrysene-d12	14.09	240	334964	20.00	ng	-0.02
86) Perylene-d12	15.57	264	455094	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	7550	1.35	ng	-0.01
7) Phenol-d6	6.55	99	8652	1.23	ng	-0.01
23) Nitrobenzene-d5	7.49	82	14436	3.23	ng	-0.01
41) 2,4,6-Tribromophenol	10.75	330	6825	4.25	ng	-0.01
44) 2-Fluorobiphenyl	9.28	172	37965	2.41	ng	-0.02
78) Terphenyl-d14	13.04	244	43931	1.52	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.43	77	16021	3.47	ng	# 1
18) Hexachloroethane	7.45	117	5413	2.26	ng	# 57
31) Naphthalene	8.23	128	1138426	86.23	ng	# 96
32) Benzoic acid	8.00	122	1578	7.89	ng	# 1
33) 4-Chloroaniline	8.23	127	154650	27.09	ng	# 33
37) 2-Methylnaphthalene	8.91	142	79396	8.81	ng	# 85
45) 1,1'-Biphenyl	9.38	154	28645	2.34	ng	# 97
48) Acenaphthylene	9.83	152	107603	7.00	ng	# 98
50) 2,6-Dinitrotoluene	9.97	165	20450	8.61	ng	# 40
51) Acenaphthene	10.00	154	24720	2.71	ng	# 85
56) 2,4-Dinitrotoluene	9.97	165	20759	6.85	ng	# 34
70) Phenanthrene	11.47	178	63895	2.52	ng	# 97
73) Di-n-butylphthalate	12.01	149	293	Below Cal		# 78

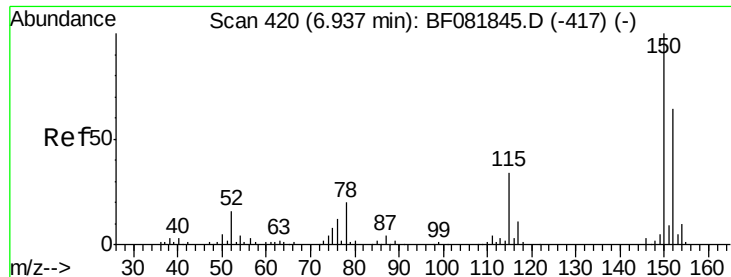
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092915\
Data File : BF081906.D
Acq On : 30 Sep 2015 9:37
Operator : UM/IZ
Sample : G3754-06DL2 25X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-7BDDL2

Quant Time: Sep 30 10:46:57 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 28 18:10:42 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.91 min Scan# 418

Delta R.T. -0.02 min

Lab File: BF081906.D

Acq: 30 Sep 2015 9:37

Instrument :

BNA_F

ClientSampleId :

MW-7BDDL2

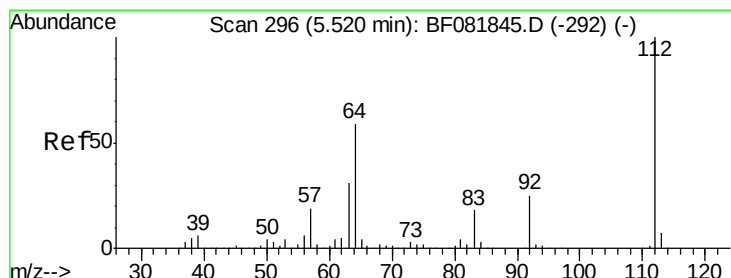
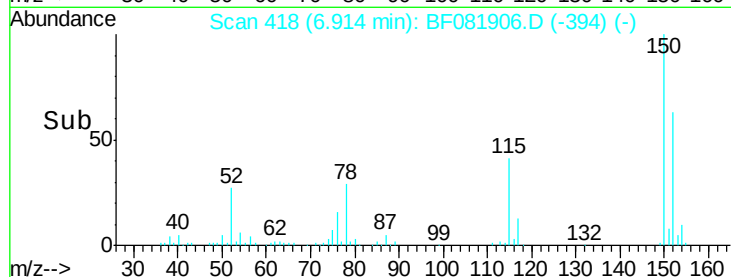
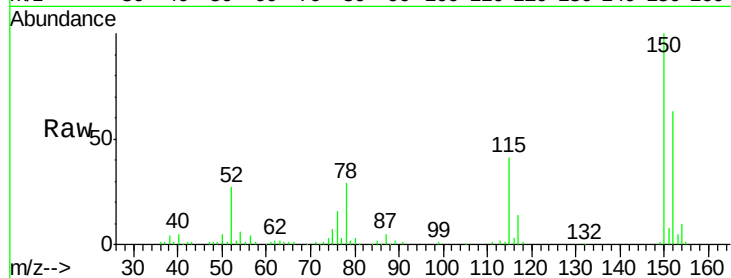
Tgt Ion:152 Resp: 101778

Ion Ratio Lower Upper

152 100

150 159.7 124.7 187.1

115 66.0 39.0 58.4#



#5

2-Fluorophenol

Concen: 1.35 ng

RT: 5.51 min Scan# 295

Delta R.T. -0.01 min

Lab File: BF081906.D

Acq: 30 Sep 2015 9:37

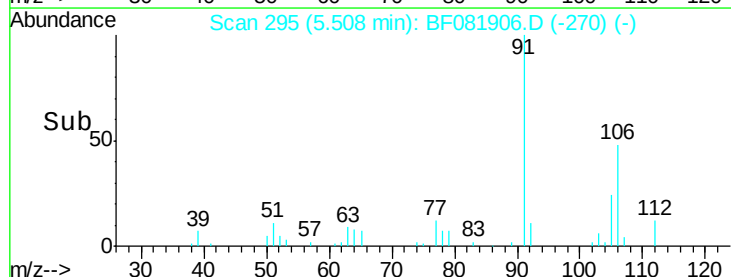
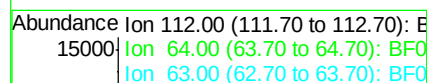
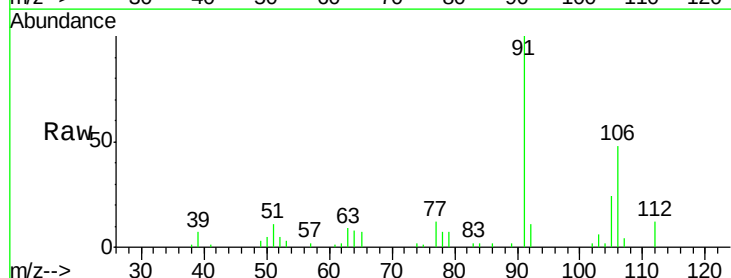
Tgt Ion:112 Resp: 7550

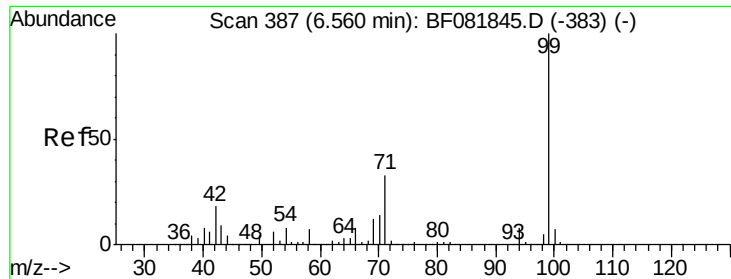
Ion Ratio Lower Upper

112 100

64 66.0 39.7 59.5#

63 74.4 17.4 26.0#





#7

Phenol-d6

Concen: 1.23 ng

RT: 6.55 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF081906.D

Acq: 30 Sep 2015 9:37

Instrument :

BNA_F

ClientSampled :

MW-7BDDL2

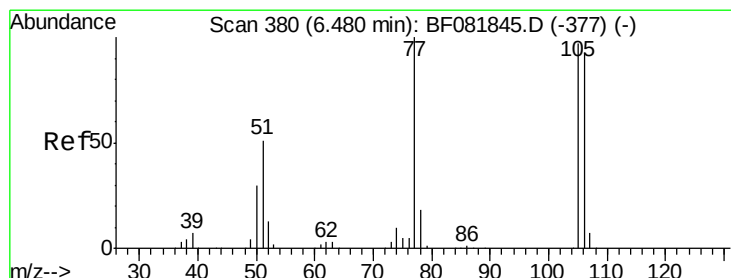
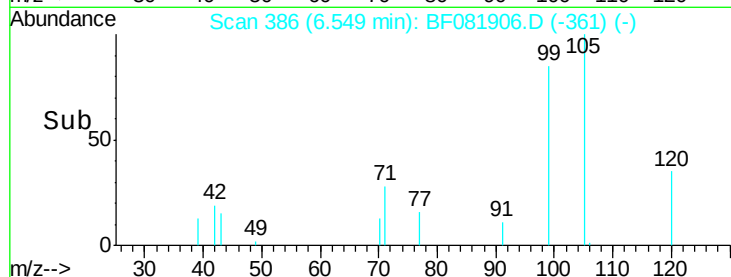
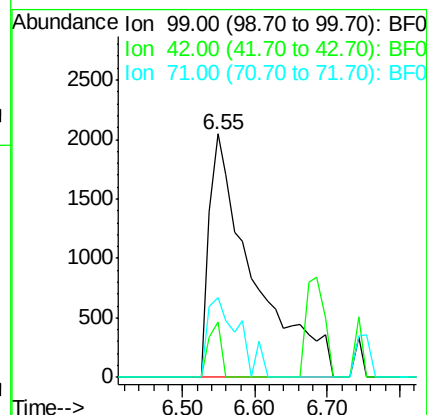
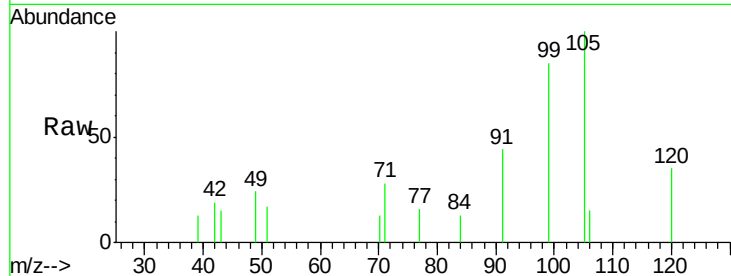
Tgt Ion: 99 Resp: 8652

Ion Ratio Lower Upper

99 100

42 22.7 13.7 20.5#

71 32.6 14.2 21.2#



#9

Benzaldehyde

Concen: 3.47 ng

RT: 6.43 min Scan# 376

Delta R.T. -0.05 min

Lab File: BF081906.D

Acq: 30 Sep 2015 9:37

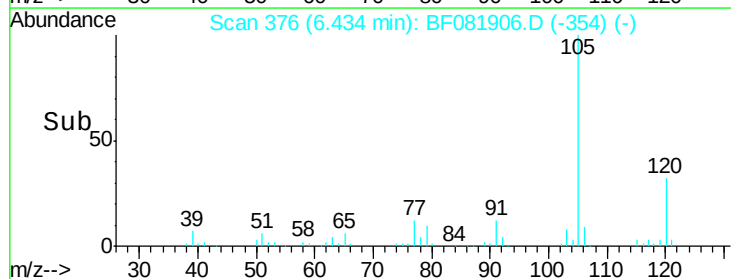
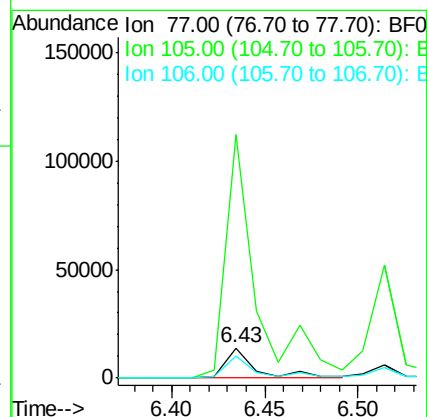
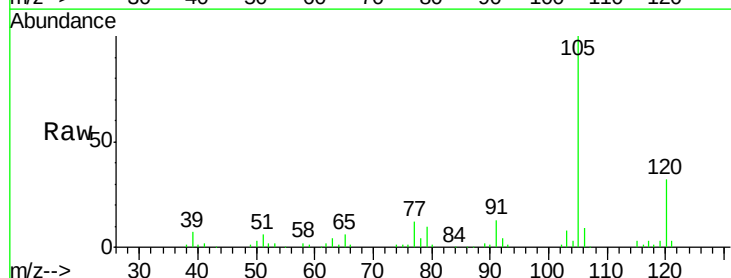
Tgt Ion: 77 Resp: 16021

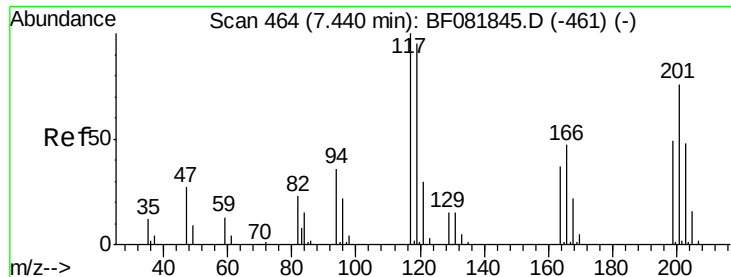
Ion Ratio Lower Upper

77 100

105 812.5 91.6 131.6#

106 74.7 102.6 142.6#





#18

Hexachloroethane

Concen: 2.26 ng

RT: 7.45 min Scan# 465

Delta R.T. 0.01 min

Lab File: BF081906.D

Acq: 30 Sep 2015 9:37

Instrument :

BNA_F

ClientSampleId :

MW-7BDDL2

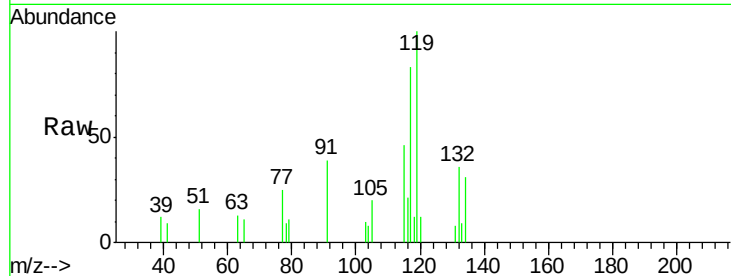
Tgt Ion:117 Resp: 5413

Ion Ratio Lower Upper

117 100

119 120.4 83.8 125.6

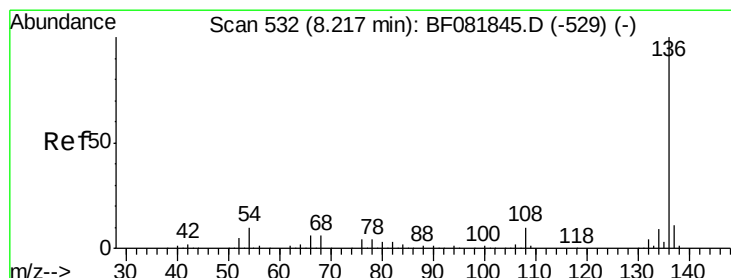
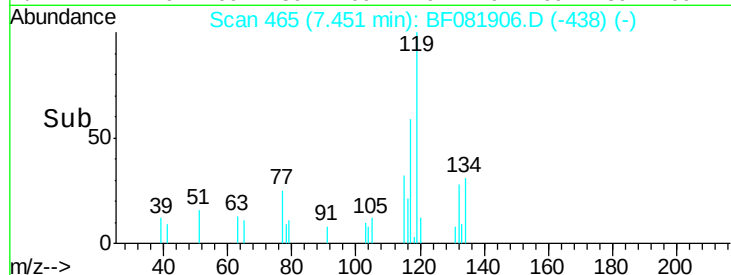
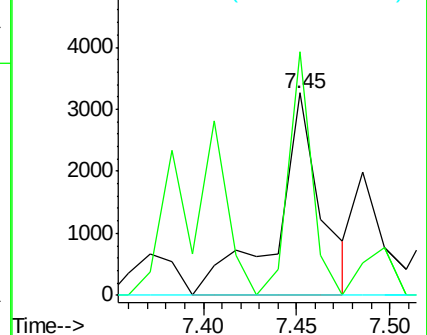
201 0.0 55.1 82.7#



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: 8.21 min Scan# 531

Delta R.T. -0.01 min

Lab File: BF081906.D

Acq: 30 Sep 2015 9:37

Tgt Ion:136 Resp: 297942

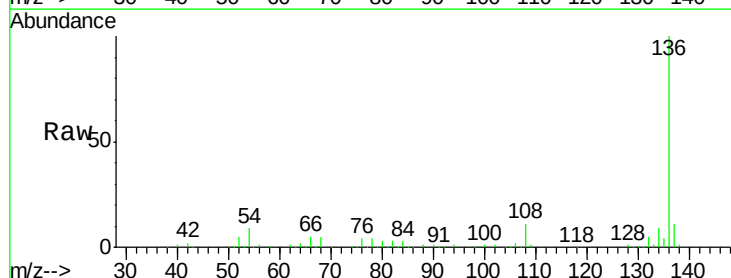
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.6

54 8.8 8.2 12.2

68 4.8 5.8 8.6#

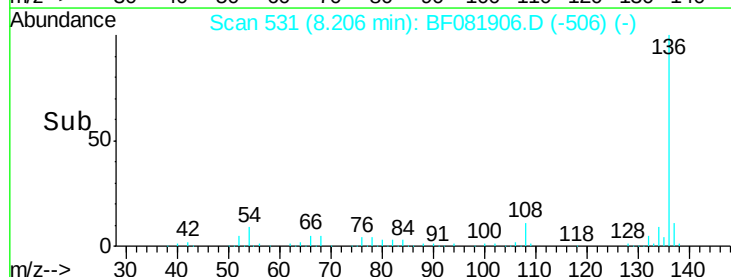
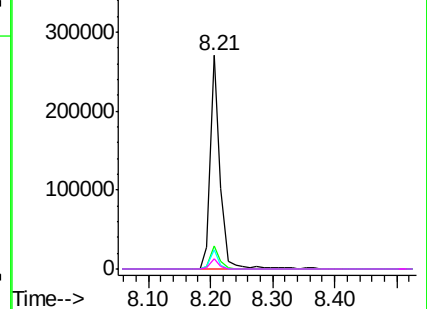


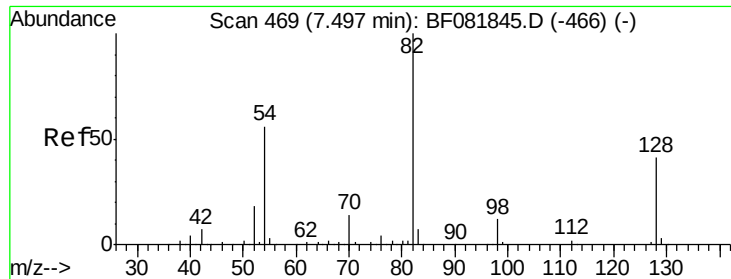
Abundance Ion 136.00 (135.70 to 136.70): E

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

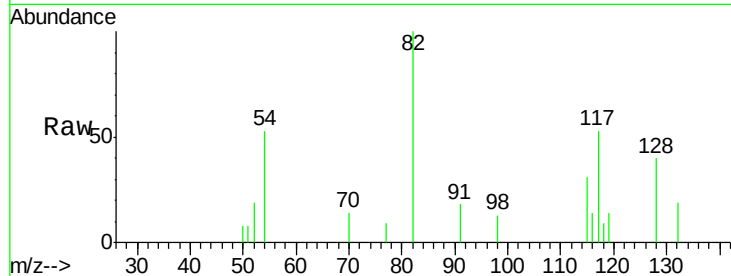




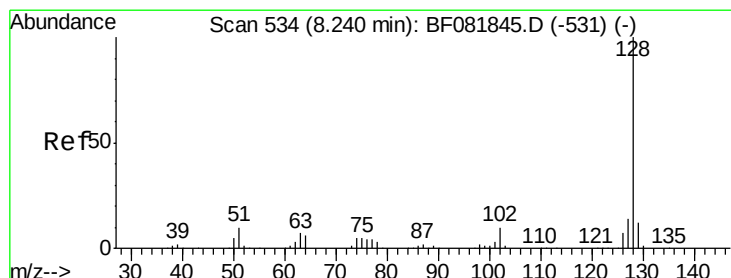
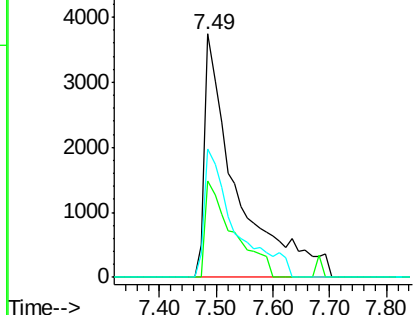
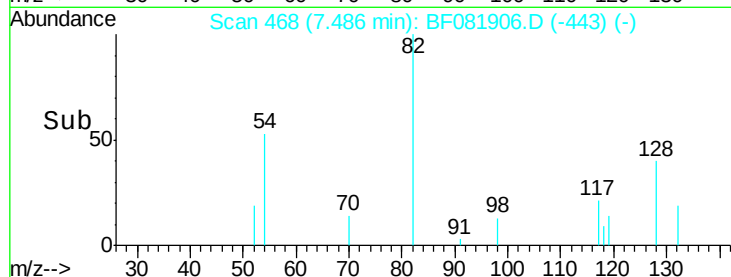
#23
 Nitrobenzene-d5
 Concen: 3.23 ng
 RT: 7.49 min Scan# 468
 Delta R.T. -0.01 min
 Lab File: BF081906.D
 Acq: 30 Sep 2015 9:37

Instrument :
 BNA_F
 ClientSampleId :
 MW-7BDDL2

Tgt Ion: 82 Resp: 14436
 Ion Ratio Lower Upper
 82 100
 128 39.7 51.0 76.6#
 54 52.6 47.5 71.3

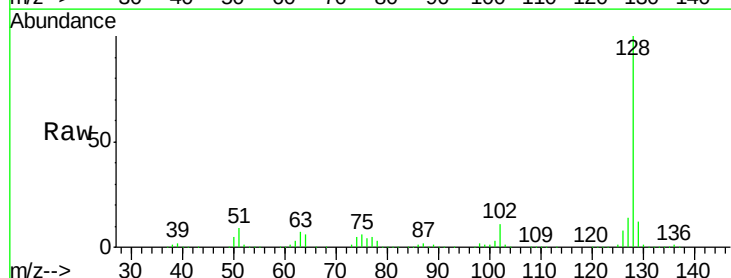


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

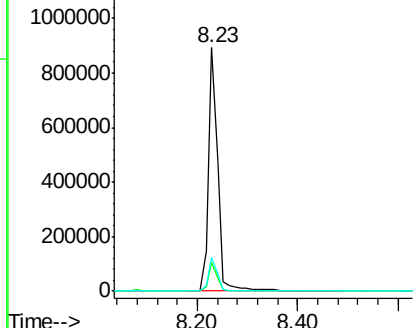
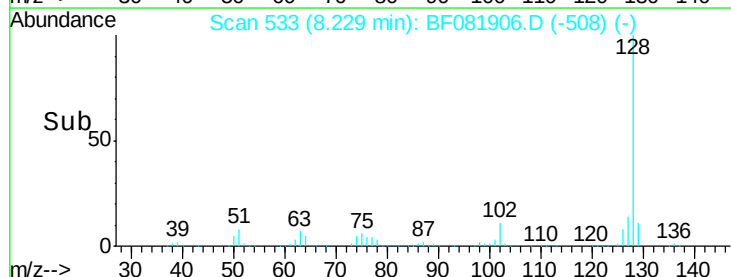


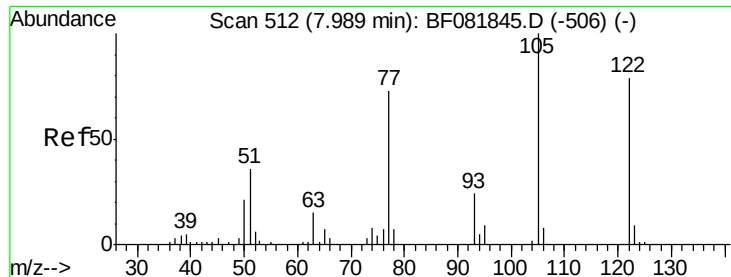
#31
 Naphthalene
 Concen: 86.23 ng
 RT: 8.23 min Scan# 533
 Delta R.T. -0.01 min
 Lab File: BF081906.D
 Acq: 30 Sep 2015 9:37

Tgt Ion: 128 Resp: 1138426
 Ion Ratio Lower Upper
 128 100
 129 12.0 8.4 12.6
 127 14.0 9.9 14.9



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 7.89 ng

RT: 8.00 min Scan# 513

Delta R.T. 0.01 min

Lab File: BF081906.D

Acq: 30 Sep 2015 9:37

Instrument :

BNA_F

ClientSampleId :

MW-7BDDL2

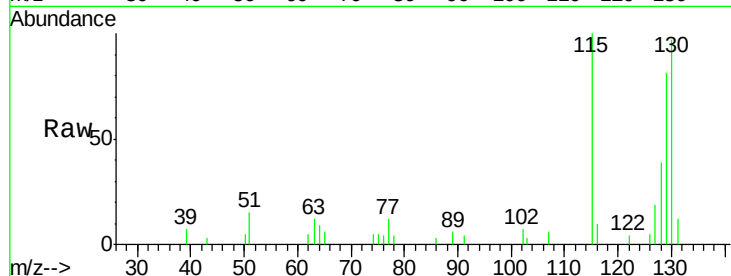
Tgt Ion:122 Resp: 1578

Ion Ratio Lower Upper

122 100

105 0.0 76.1 116.1#

77 274.1 40.5 80.5#

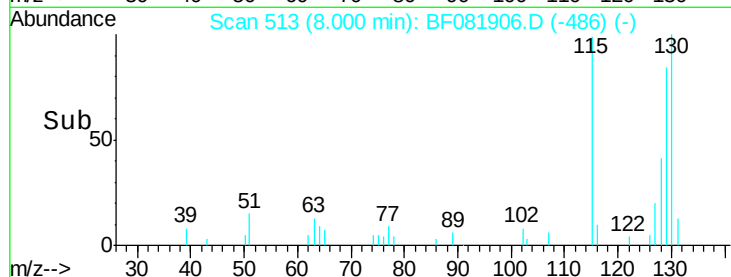


Abundance Ion 122.00 (121.70 to 122.70): E

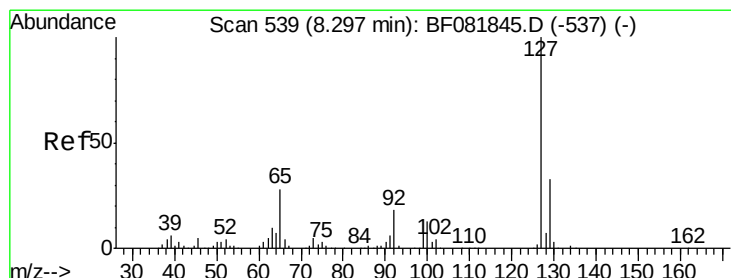
Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

Time-->



Time-->



#33

4-Chloroaniline

Concen: 27.09 ng

RT: 8.23 min Scan# 533

Delta R.T. -0.07 min

Lab File: BF081906.D

Acq: 30 Sep 2015 9:37

Tgt Ion:127 Resp: 154650

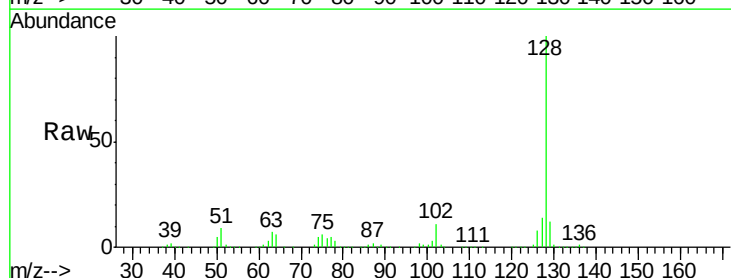
Ion Ratio Lower Upper

127 100

129 85.8 25.8 38.6#

65 0.0 17.9 26.9#

92 0.0 10.5 15.7#



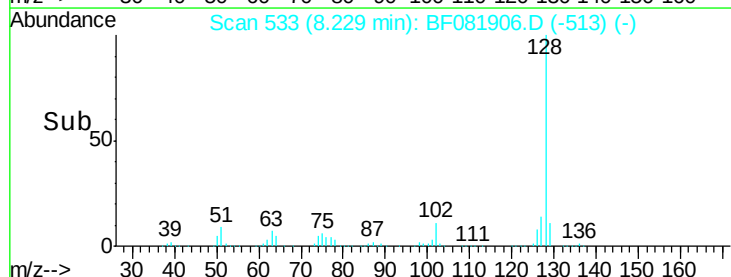
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

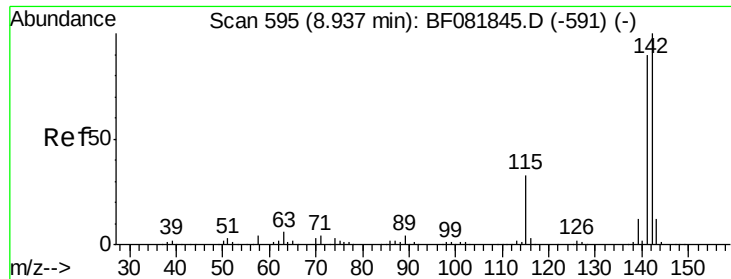
Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Time-->



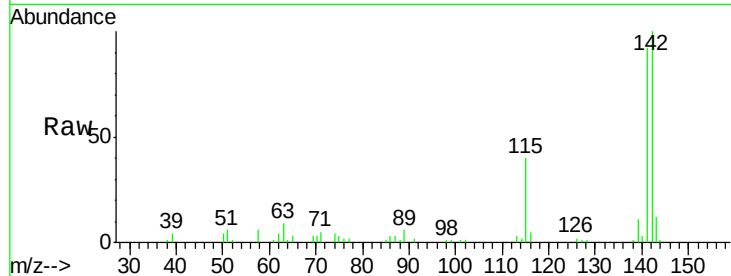
Time-->



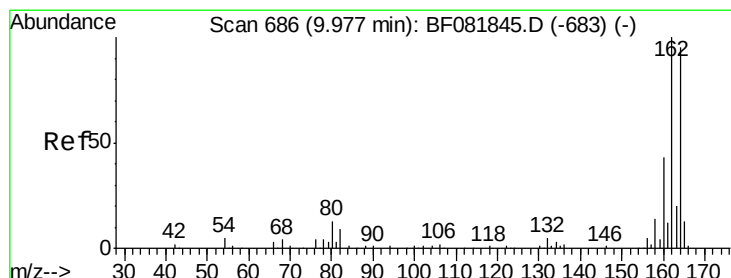
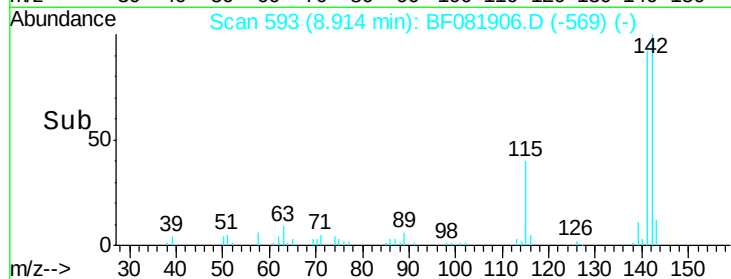
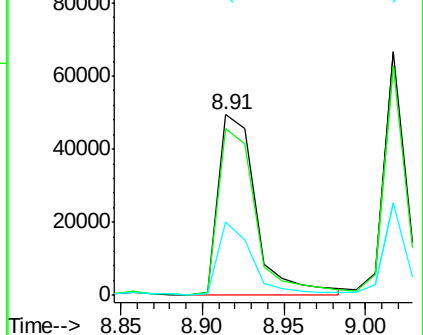
#37
 2-Methylnaphthalene
 Concen: 8.81 ng
 RT: 8.91 min Scan# 593
 Delta R.T. -0.02 min
 Lab File: BF081906.D
 Acq: 30 Sep 2015 9:37

Instrument :
 BNA_F
 ClientSampleId :
 MW-7BDDL2

Tgt Ion:142 Resp: 79396
 Ion Ratio Lower Upper
 142 100
 141 92.3 67.5 101.3
 115 40.3 18.2 27.2#

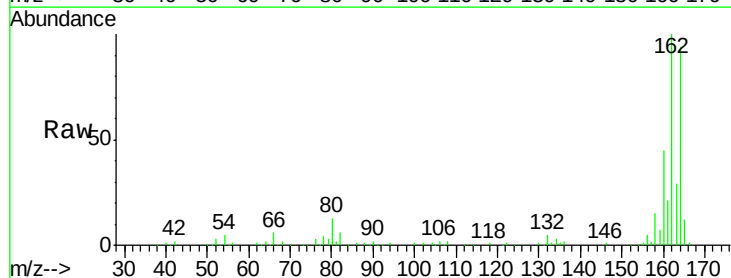


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

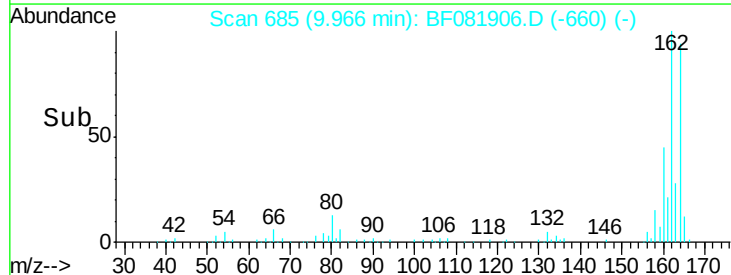
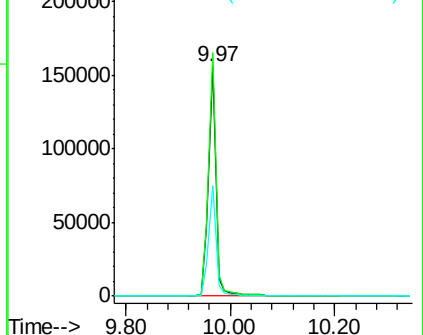


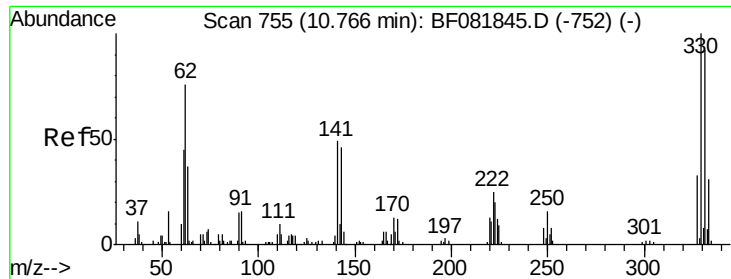
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.97 min Scan# 685
 Delta R.T. -0.01 min
 Lab File: BF081906.D
 Acq: 30 Sep 2015 9:37

Tgt Ion:164 Resp: 158543
 Ion Ratio Lower Upper
 164 100
 162 106.3 75.2 112.8
 160 48.0 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

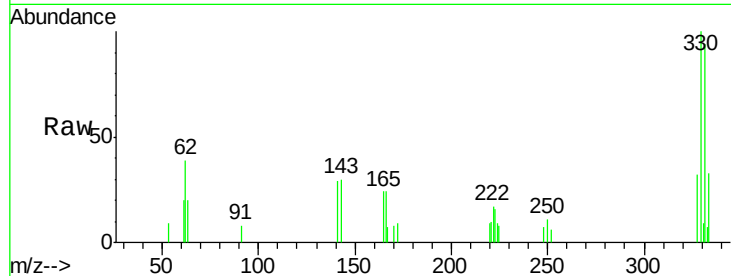




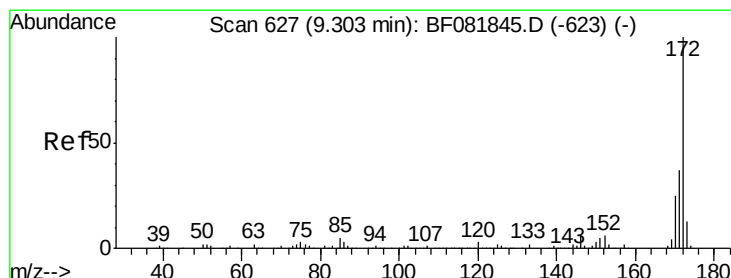
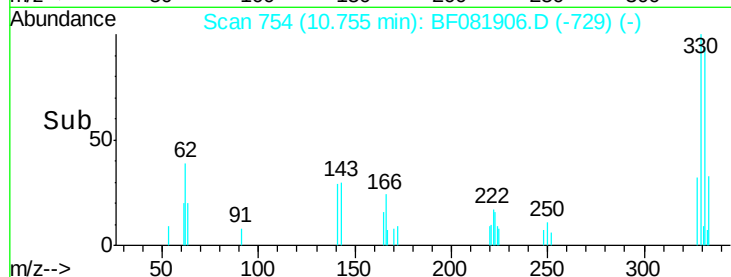
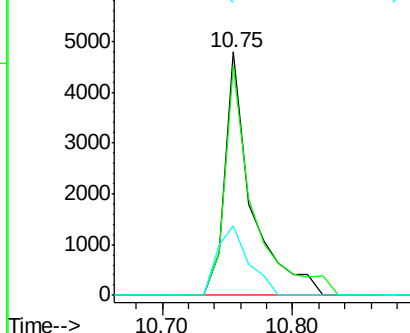
#41
 2,4,6-Tribromophenol
 Concen: 4.25 ng
 RT: 10.75 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF081906.D
 Acq: 30 Sep 2015 9:37

Instrument :
 BNA_F
 ClientSampleId :
 MW-7BDDL2

Tgt Ion: 330 Resp: 6825
 Ion Ratio Lower Upper
 330 100
 332 100.9 76.6 114.8
 141 33.9 29.7 44.5

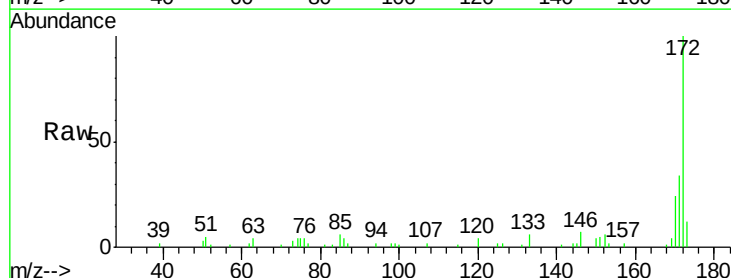


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

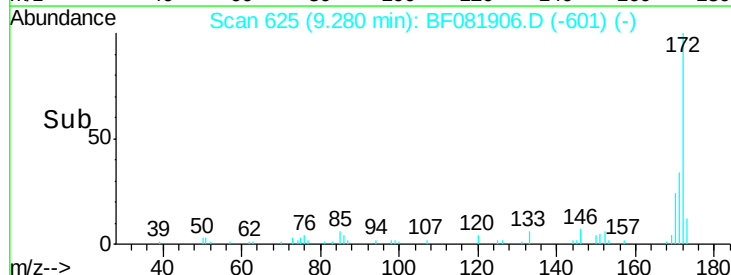
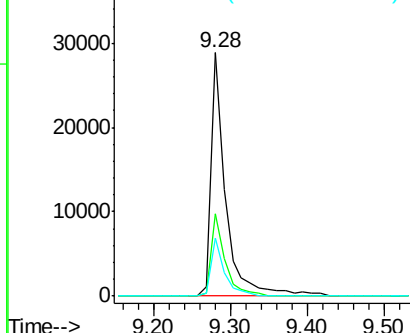


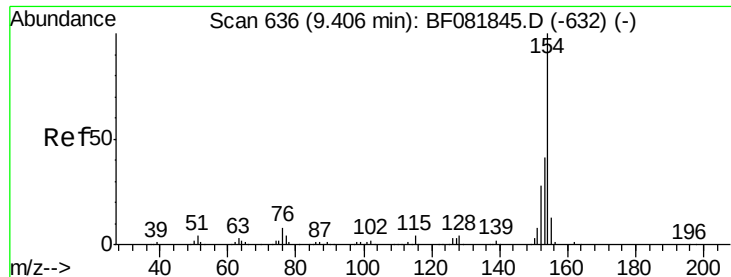
#44
 2-Fluorobiphenyl
 Concen: 2.41 ng
 RT: 9.28 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF081906.D
 Acq: 30 Sep 2015 9:37

Tgt Ion: 172 Resp: 37965
 Ion Ratio Lower Upper
 172 100
 171 33.7 26.1 39.1
 170 23.9 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

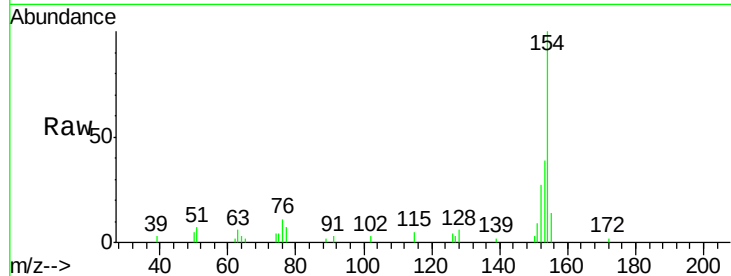




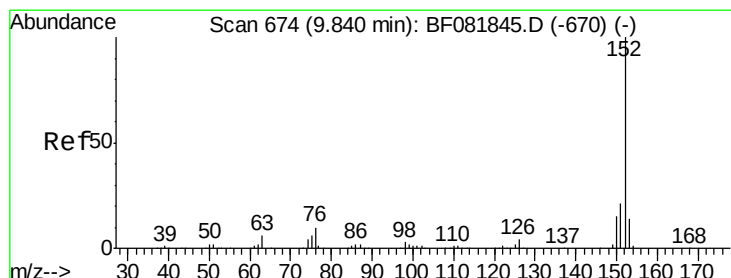
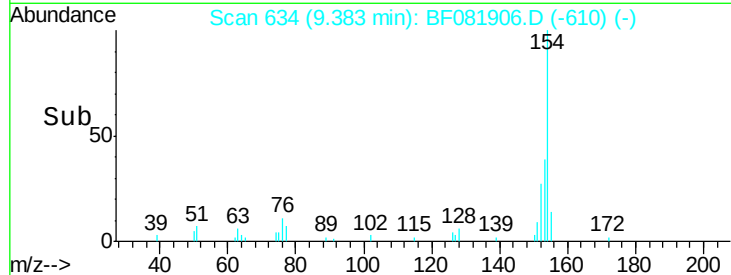
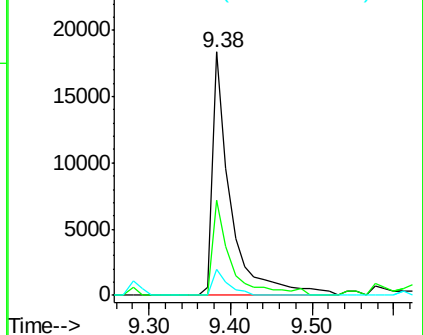
#45
 1,1'-Biphenyl
 Concen: 2.34 ng
 RT: 9.38 min Scan# 634
 Delta R.T. -0.02 min
 Lab File: BF081906.D
 Acq: 30 Sep 2015 9:37

Instrument :
 BNA_F
 ClientSampleId :
 MW-7BDDL2

Tgt Ion:154 Resp: 28645
 Ion Ratio Lower Upper
 154 100
 153 38.9 17.1 57.1
 76 10.8 0.0 31.6

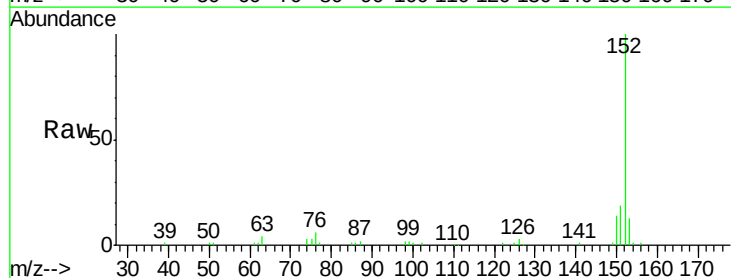


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

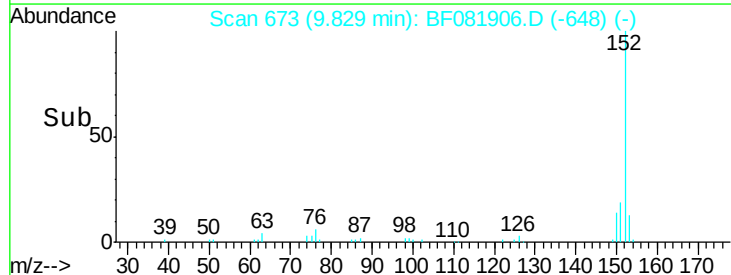
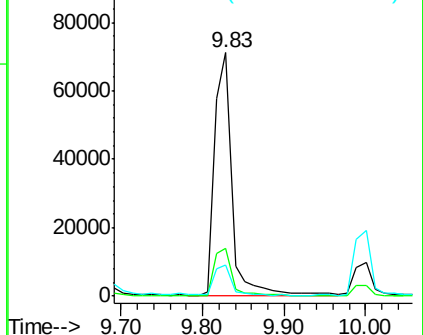


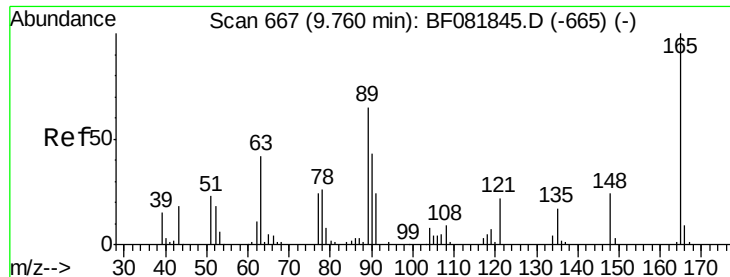
#48
 Acenaphthylene
 Concen: 7.00 ng
 RT: 9.83 min Scan# 673
 Delta R.T. -0.01 min
 Lab File: BF081906.D
 Acq: 30 Sep 2015 9:37

Tgt Ion:152 Resp: 107603
 Ion Ratio Lower Upper
 152 100
 151 19.5 14.6 22.0
 153 13.0 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E
 Ion 153.00 (152.70 to 153.70): E





#50

2,6-Dinitrotoluene

Concen: 8.61 ng

RT: 9.97 min Scan# 685

Delta R.T. 0.21 min

Lab File: BF081906.D

Acq: 30 Sep 2015 9:37

Instrument :

BNA_F

ClientSampleId :

MW-7BDDL2

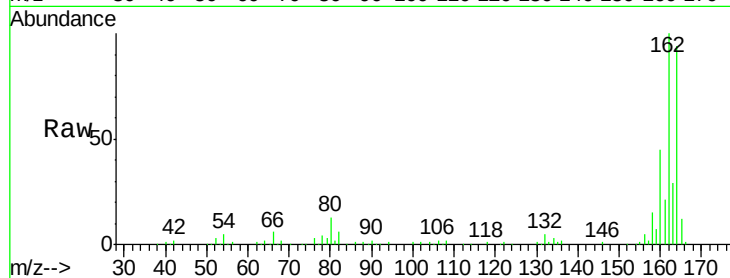
Tgt Ion:165 Resp: 20450

Ion Ratio Lower Upper

165 100

63 1.9 32.3 48.5#

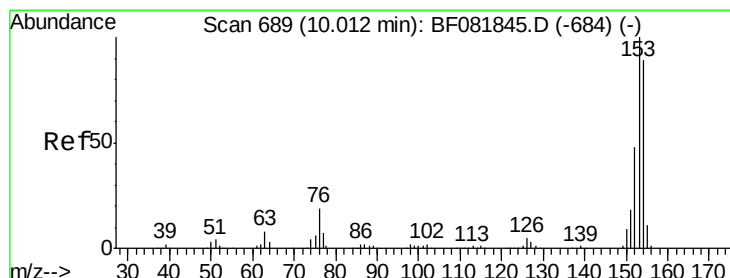
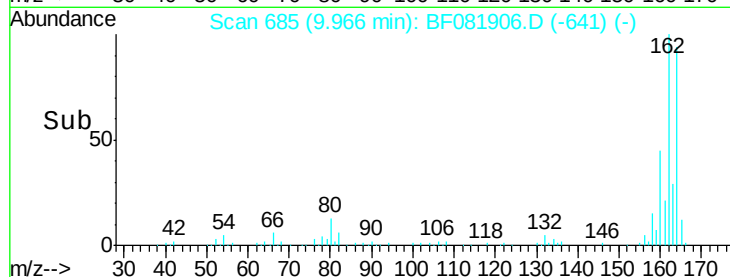
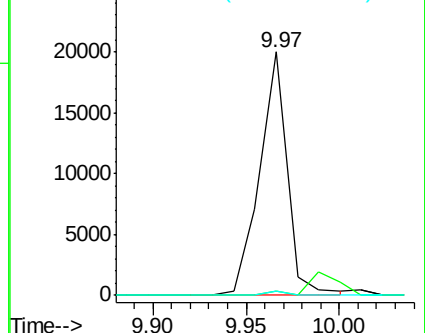
89 1.7 28.6 43.0#



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: 2.71 ng

RT: 10.00 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF081906.D

Acq: 30 Sep 2015 9:37

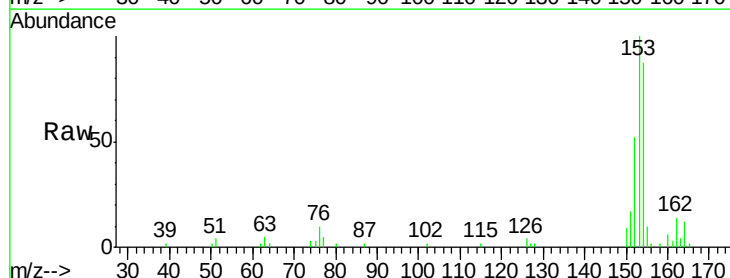
Tgt Ion:154 Resp: 24720

Ion Ratio Lower Upper

154 100

153 115.6 82.1 123.1

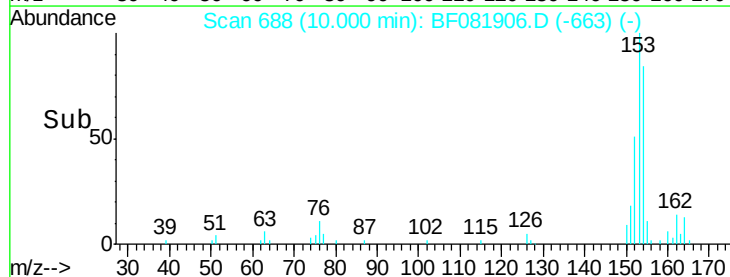
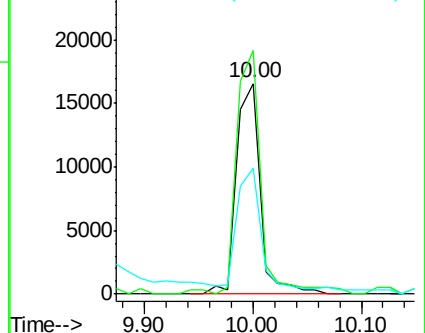
152 59.6 37.9 56.9#

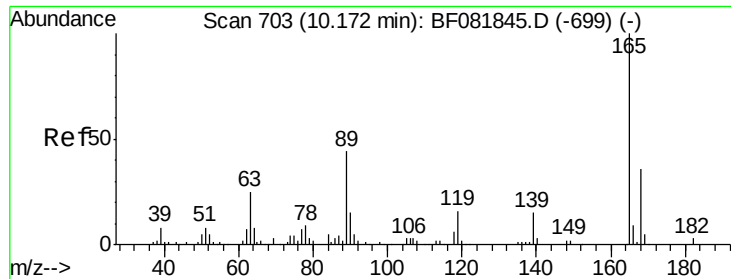


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

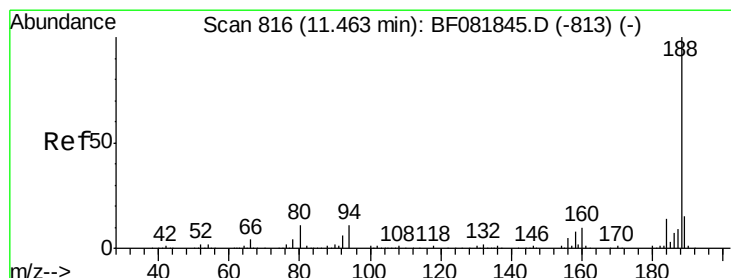
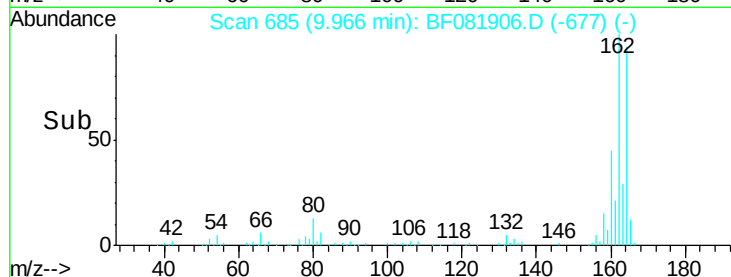
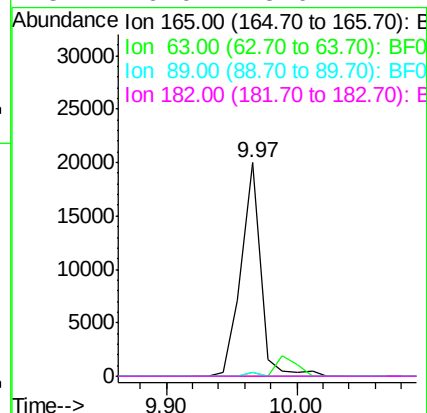
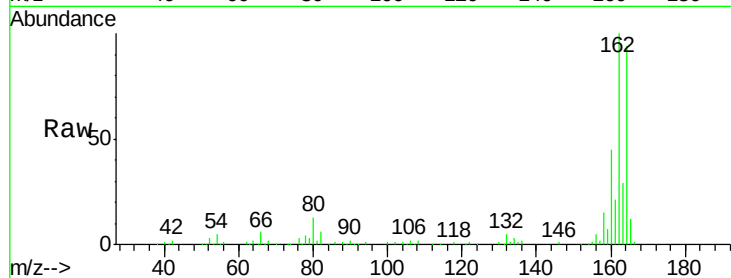




#56
 2,4-Dinitrotoluene
 Concen: 6.85 ng
 RT: 9.97 min Scan# 685
 Delta R.T. -0.21 min
 Lab File: BF081906.D
 Acq: 30 Sep 2015 9:37

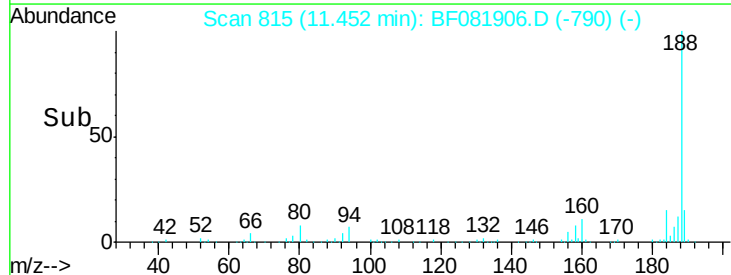
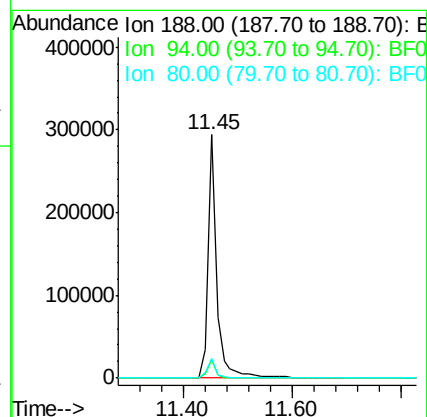
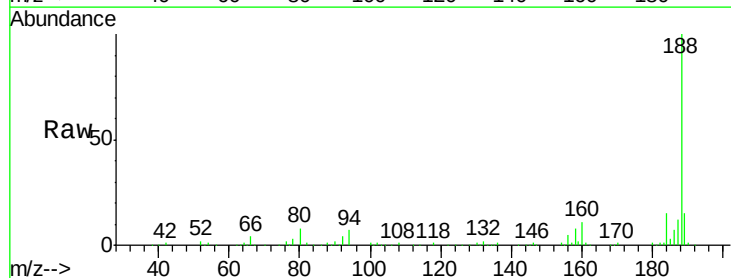
Instrument :
 BNA_F
 ClientSampleId :
 MW-7BDDL2

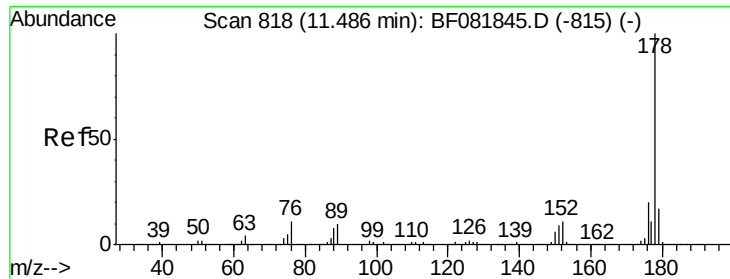
Tgt Ion:	165	Resp:	20759
Ion	Ratio	Lower	Upper
165	100		
63	1.9	29.8	44.6#
89	1.7	44.5	66.7#
182	0.0	3.0	4.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.45 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF081906.D
 Acq: 30 Sep 2015 9:37

Tgt Ion:	188	Resp:	324369
Ion	Ratio	Lower	Upper
188	100		
94	7.3	11.1	16.7#
80	8.0	11.0	16.4#

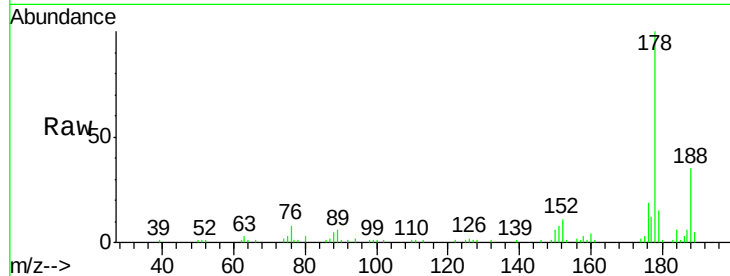




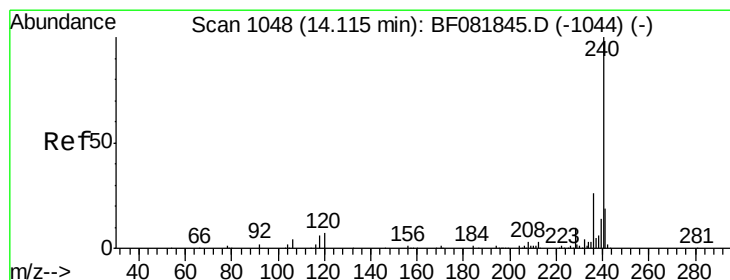
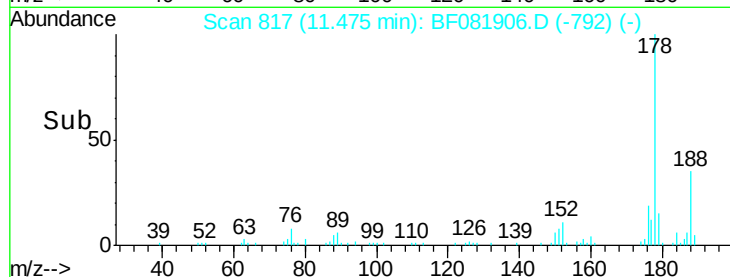
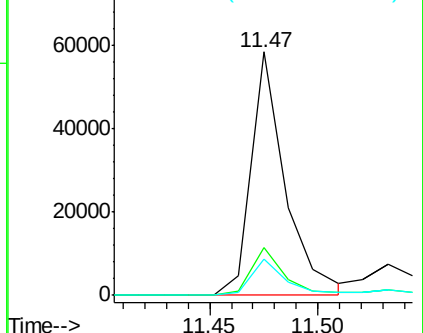
#70
Phenanthrene
Concen: 2.52 ng
RT: 11.47 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF081906.D
Acq: 30 Sep 2015 9:37

Instrument :
BNA_F
ClientSampleId :
MW-7BDDL2

Tgt Ion:178 Resp: 63895
Ion Ratio Lower Upper
178 100
176 19.4 13.8 20.8
179 14.9 12.2 18.2

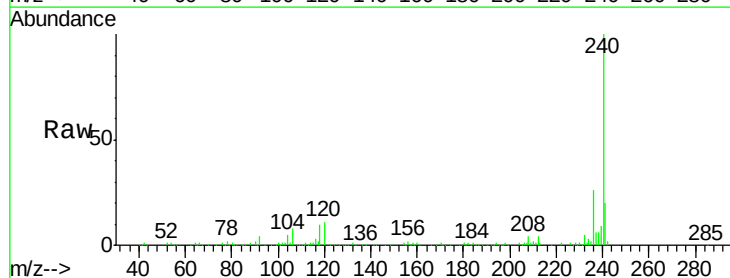


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

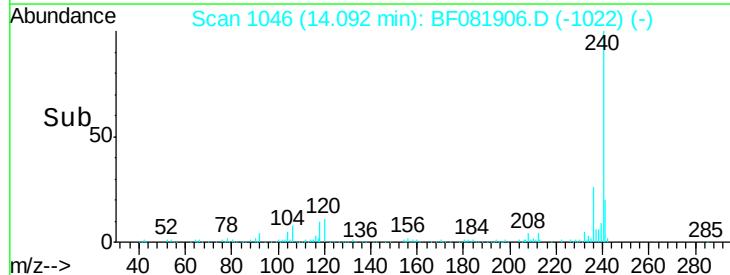
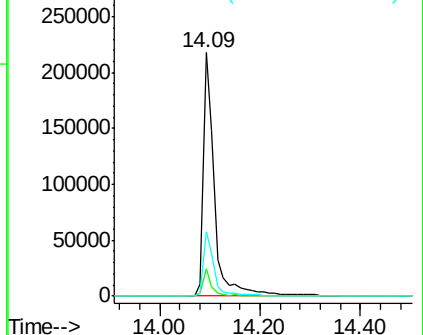


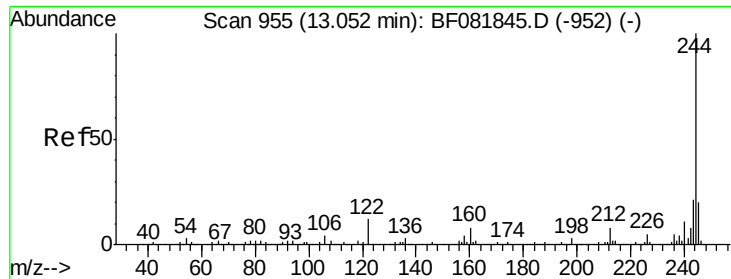
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.09 min Scan# 1046
Delta R.T. -0.02 min
Lab File: BF081906.D
Acq: 30 Sep 2015 9:37

Tgt Ion:240 Resp: 334964
Ion Ratio Lower Upper
240 100
120 11.0 16.2 24.2#
236 26.4 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

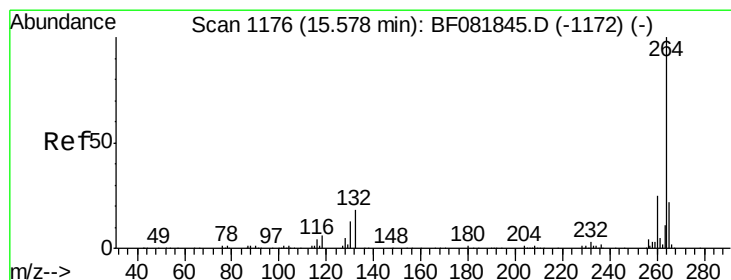
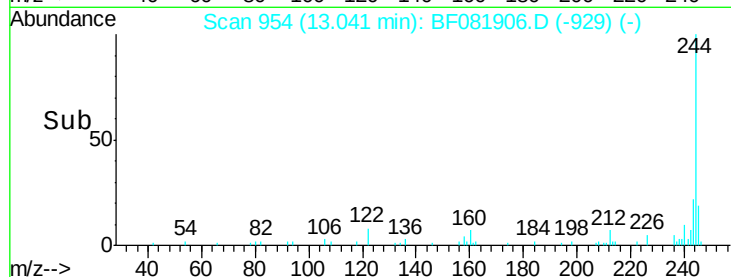
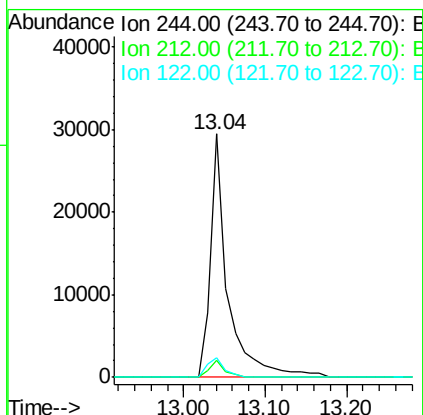
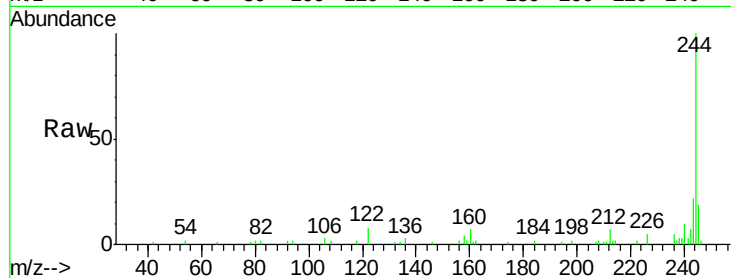




#78
 Terphenyl-d14
 Concen: 1.52 ng
 RT: 13.04 min Scan# 954
 Delta R.T. -0.01 min
 Lab File: BF081906.D
 Acq: 30 Sep 2015 9:37

Instrument :
 BNA_F
 ClientSampleId :
 MW-7BDDL2

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	4.3	6.5#
122	8.1	17.4	26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.57 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF081906.D
 Acq: 30 Sep 2015 9:37

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	16.7	25.1
265	21.5	17.2	25.8

