

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092915\
 Data File : BF081903.D
 Acq On : 30 Sep 2015 8:02
 Operator : UM/IZ
 Sample : G3754-02DL2 25X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2BDL2

Quant Time: Sep 30 10:55:10 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

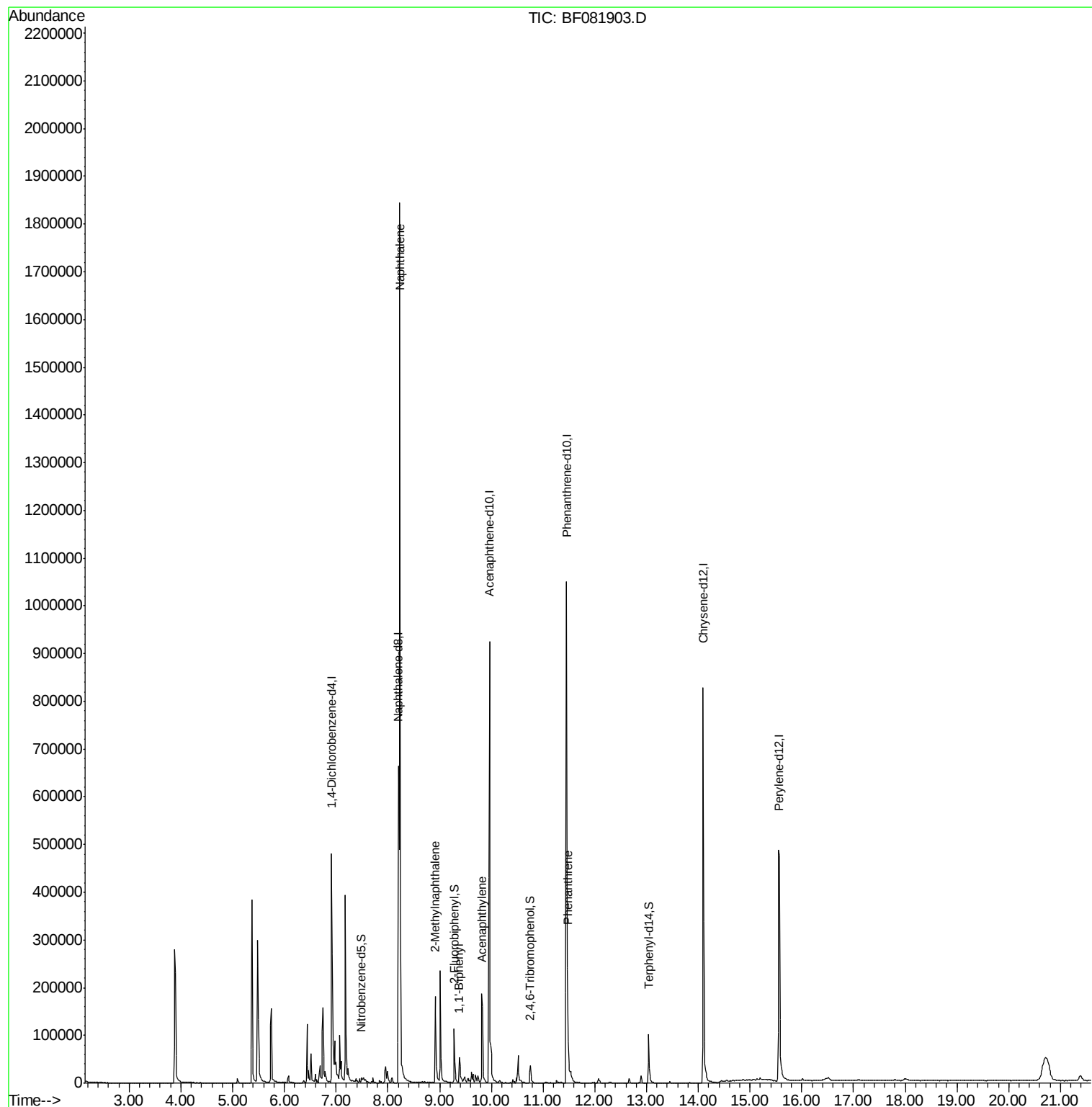
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	115161	20.00	ng	-0.02
21) Naphthalene-d8	8.21	136	348015	20.00	ng	-0.01
38) Acenaphthene-d10	9.97	164	234443	20.00	ng	-0.01
63) Phenanthrene-d10	11.45	188	490287	20.00	ng	-0.01
75) Chrysene-d12	14.09	240	397162	20.00	ng	-0.02
86) Perylene-d12	15.57	264	377988	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	8427	1.33	ng	-0.01
7) Phenol-d6	6.55	99	6519	0.82	ng	-0.01
23) Nitrobenzene-d5	7.49	82	14212	2.72	ng	-0.01
41) 2,4,6-Tribromophenol	10.75	330	9928	4.18	ng	-0.01
44) 2-Fluorobiphenyl	9.28	172	60631	2.69	ng	-0.02
78) Terphenyl-d14	13.04	244	63147	2.27	ng	-0.01
Target Compounds						
31) Naphthalene	8.23	128	900999	58.43	ng	Qvalue 97
37) 2-Methylnaphthalene	8.91	142	87801	8.34	ng	# 89
45) 1,1'-Biphenyl	9.38	154	38211	2.11	ng	96
48) Acenaphthylene	9.83	152	140640	6.19	ng	98
70) Phenanthrene	11.48	178	85771	2.05	ng	98

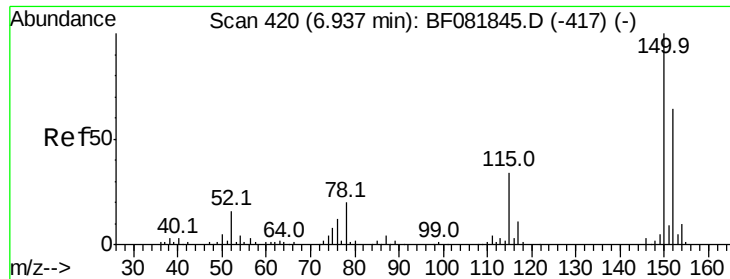
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF081903.D

Acq: 30 Sep 2015 8:02

Instrument :

BNA_F

ClientSampleId :

MW-2BDL2

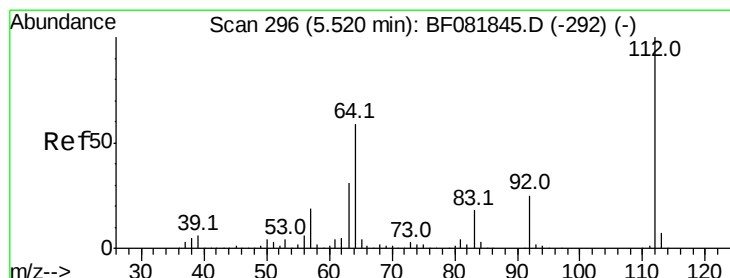
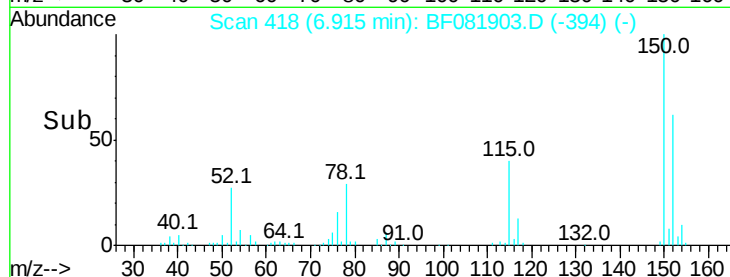
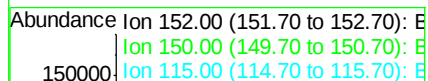
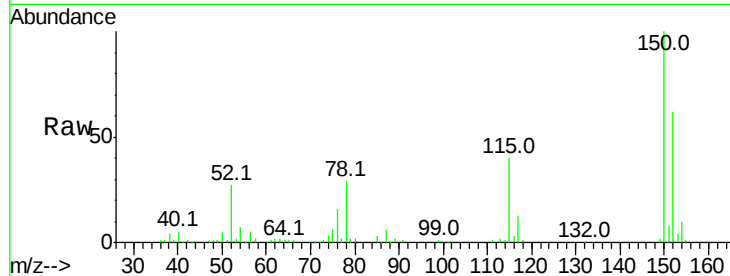
Tot Ion:152 Resp: 115161

Ion Ratio Lower Upper

152 100

150 160.8 124.7 187.1

115 64.1 39.0 58.4#



#5

2-Fluorophenol

Concen: 1.33 ng

RT: 5.51 min Scan# 295

Delta R.T. -0.01 min

Lab File: BF081903.D

Acq: 30 Sep 2015 8:02

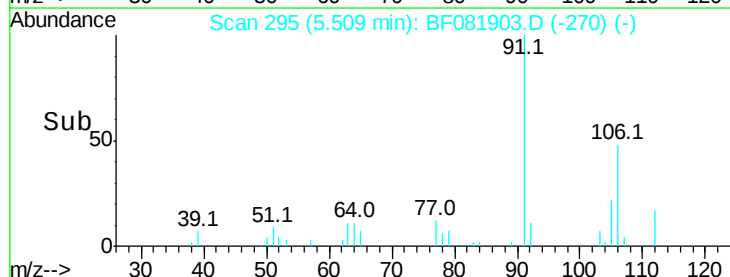
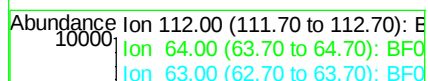
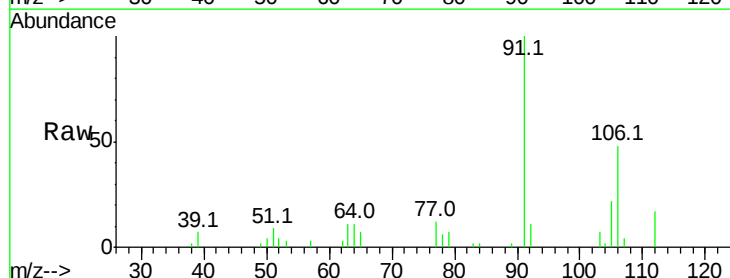
Tgt Ion:112 Resp: 8427

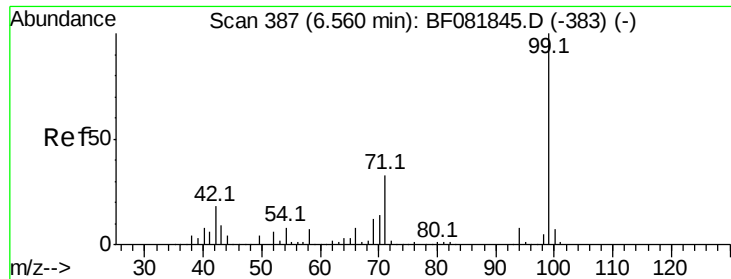
Ion Ratio Lower Upper

112 100

64 67.9 39.7 59.5#

63 66.2 17.4 26.0#





#7

Phenol-d6

Concen: 0.82 ng

RT: 6.55 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF081903.D

Acq: 30 Sep 2015 8:02

Instrument :

BNA_F

ClientSampleId :

MW-2BDL2

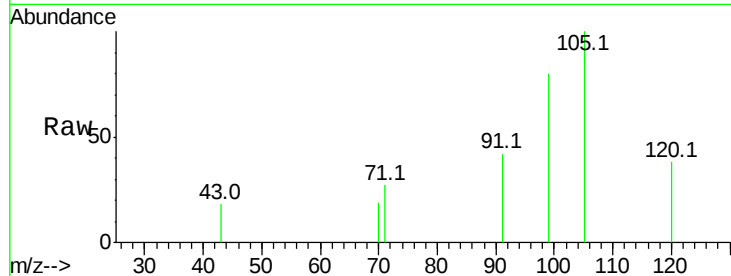
Tot Ion: 99 Resp: 6519

Ion Ratio Lower Upper

99 100

42 0.0 13.7 20.5#

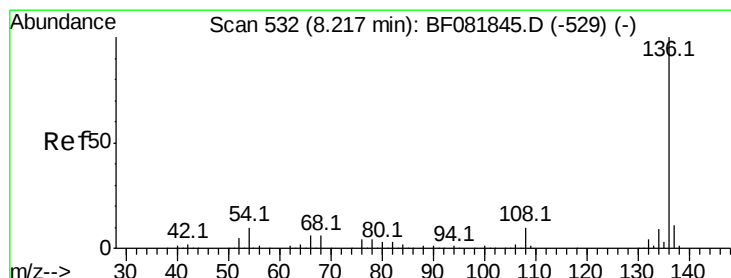
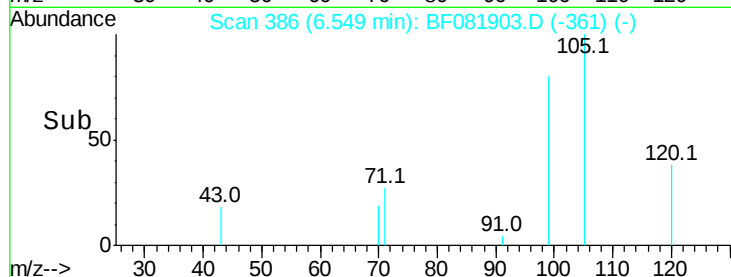
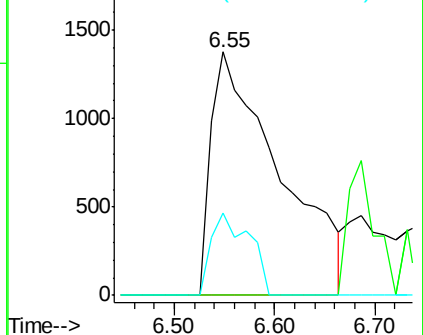
71 34.0 14.2 21.2#



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.21 min Scan# 531

Delta R.T. -0.01 min

Lab File: BF081903.D

Acq: 30 Sep 2015 8:02

Tgt Ion: 136 Resp: 348015

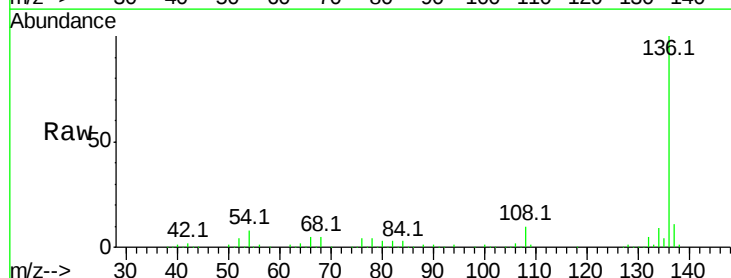
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.6

54 8.2 8.2 12.2

68 5.0 5.8 8.6#

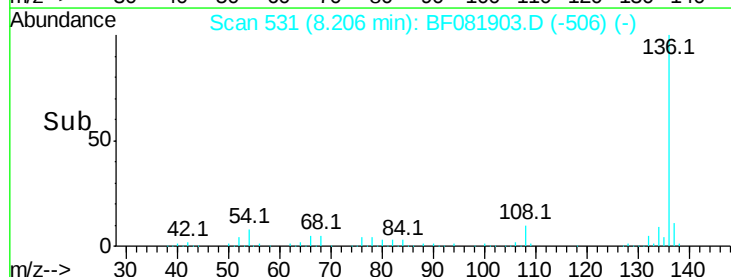
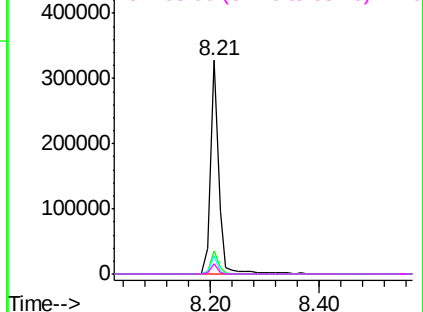


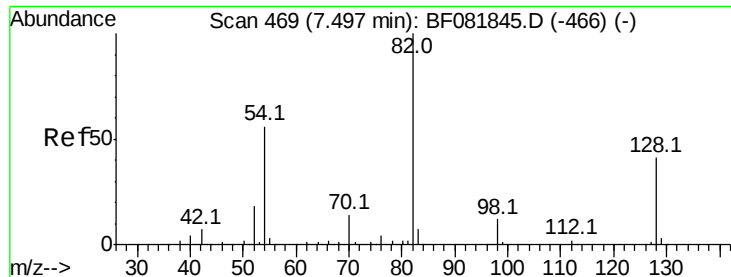
Abundance Ion 136.00 (135.70 to 136.70): E

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

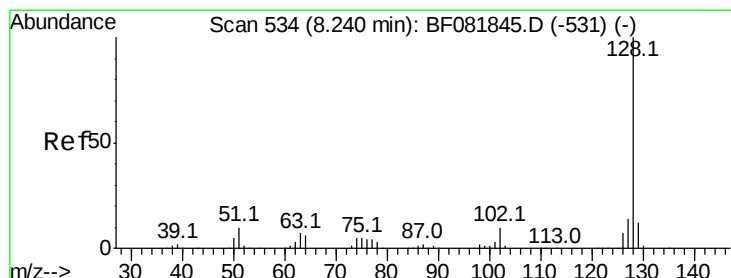
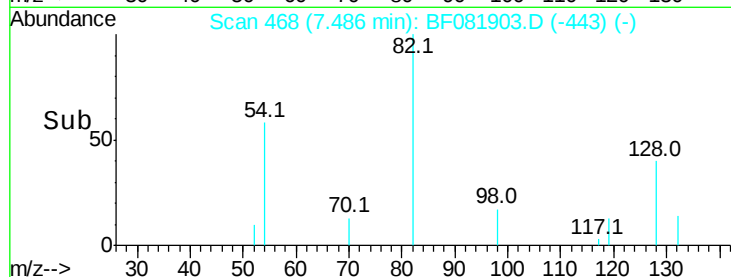
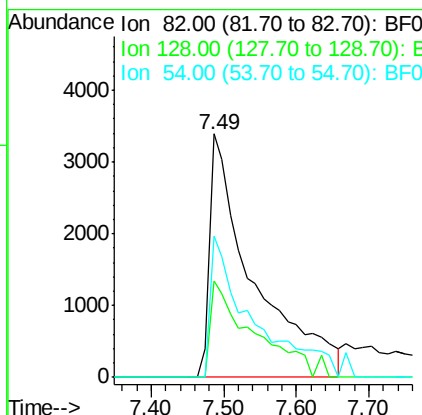
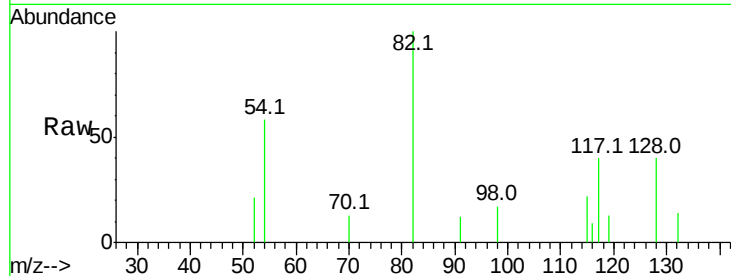




#23
Nitrobenzene-d5
Concen: 2.72 ng
RT: 7.49 min Scan# 468
Delta R.T. -0.01 min
Lab File: BF081903.D
Acq: 30 Sep 2015 8:02

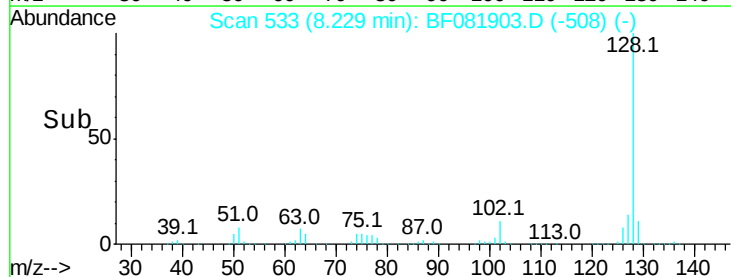
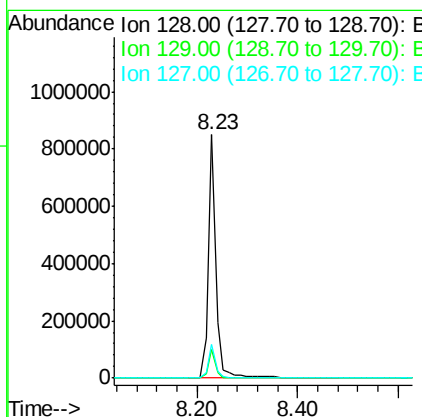
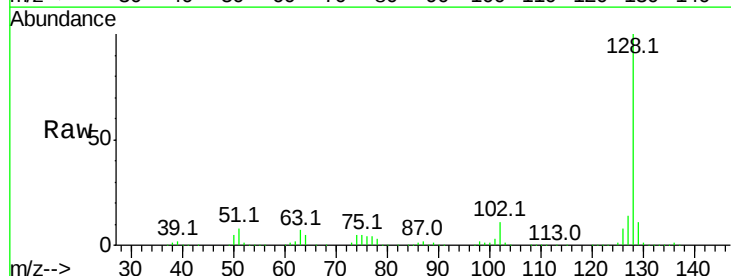
Instrument :
BNA_F
ClientSampleId :
MW-2BDL2

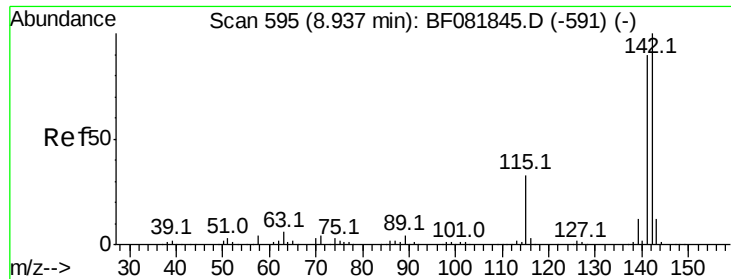
Tot Ion: 82 Resp: 14212
Ion Ratio Lower Upper
82 100
128 39.7 51.0 76.6#
54 57.7 47.5 71.3



#31
Naphthalene
Concen: 58.43 ng
RT: 8.23 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF081903.D
Acq: 30 Sep 2015 8:02

Tgt Ion: 128 Resp: 900999
Ion Ratio Lower Upper
128 100
129 11.5 8.4 12.6
127 13.9 9.9 14.9

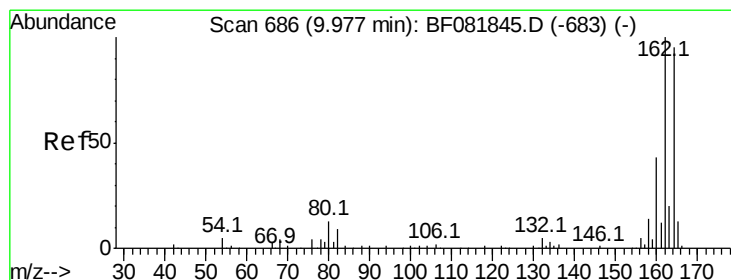
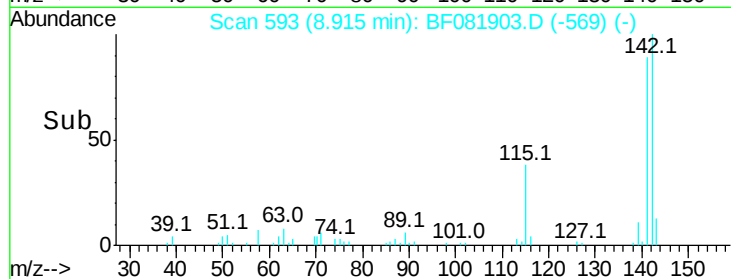
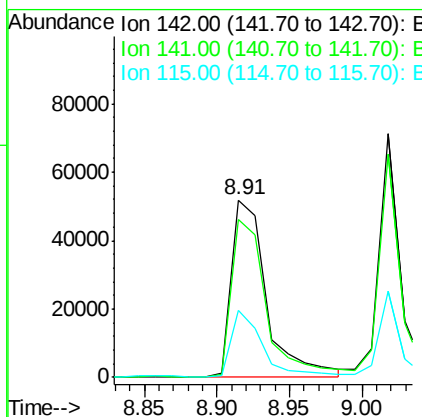
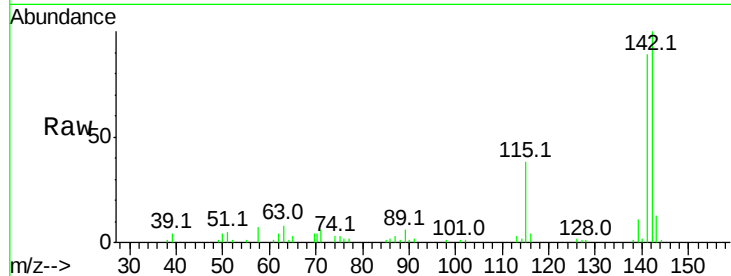




#37
 2-Methylnaphthalene
 Concen: 8.34 ng
 RT: 8.91 min Scan# 593
 Delta R.T. -0.02 min
 Lab File: BF081903.D
 Acq: 30 Sep 2015 8:02

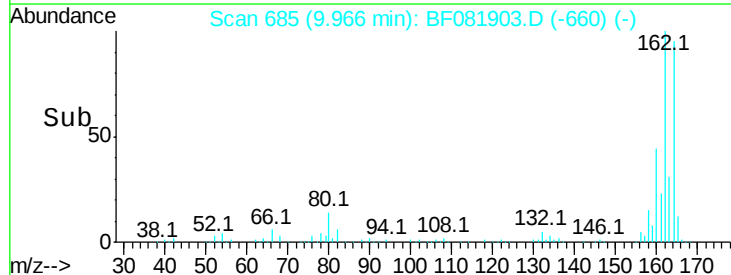
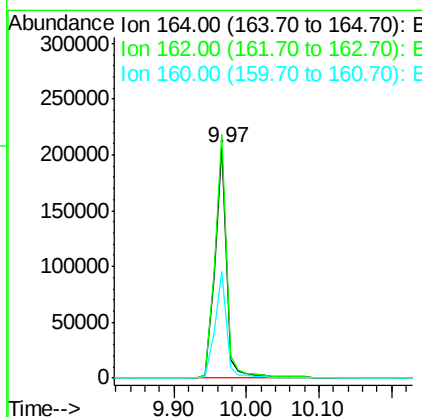
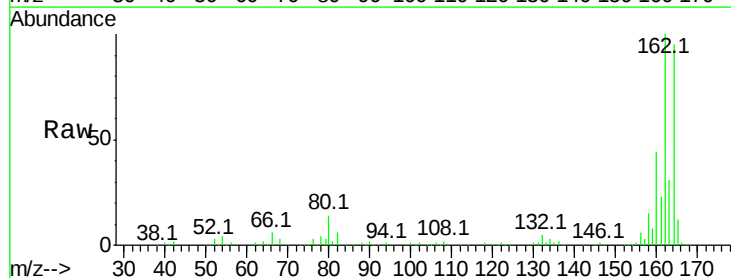
Instrument :
 BNA_F
 ClientSampleId :
 MW-2BDL2

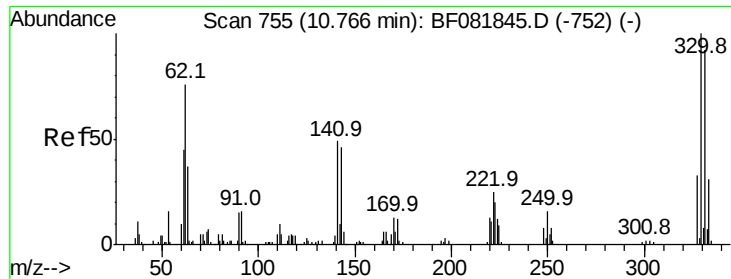
Tot Ion:142 Resp: 87801
 Ion Ratio Lower Upper
 142 100
 141 89.2 67.5 101.3
 115 38.1 18.2 27.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.97 min Scan# 685
 Delta R.T. -0.01 min
 Lab File: BF081903.D
 Acq: 30 Sep 2015 8:02

Tgt Ion:164 Resp: 234443
 Ion Ratio Lower Upper
 164 100
 162 105.6 75.2 112.8
 160 46.4 31.5 47.3

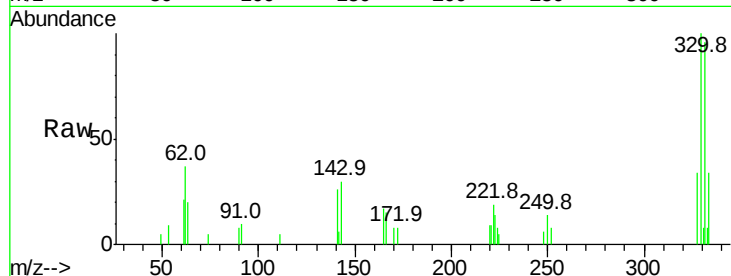




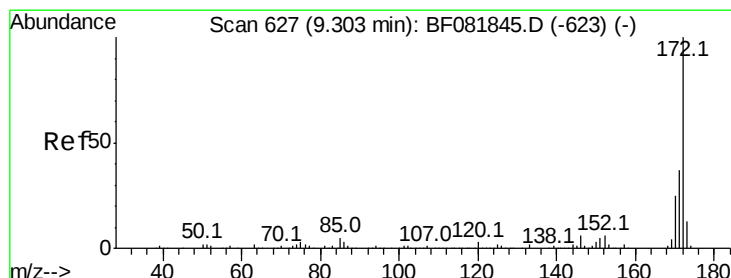
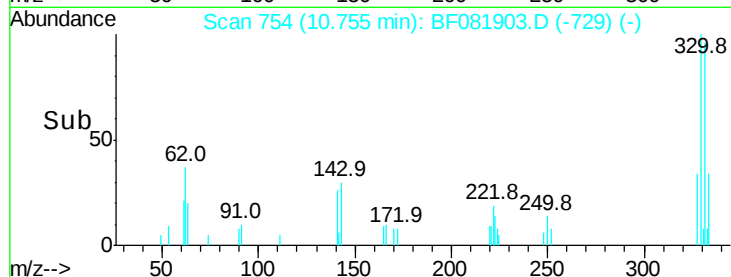
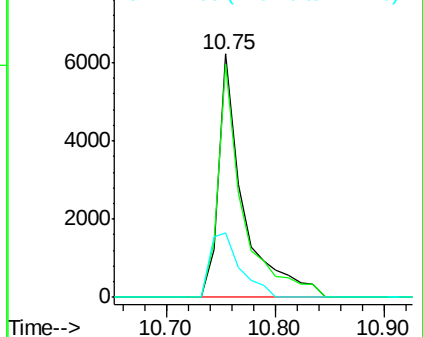
#41
 2,4,6-Tribromophenol
 Concen: 4.18 ng
 RT: 10.75 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF081903.D
 Acq: 30 Sep 2015 8:02

Instrument :
 BNA_F
 ClientSampleId :
 MW-2BDL2

Tot Ion:330 Resp: 9928
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 114.8
 141 32.5 29.7 44.5

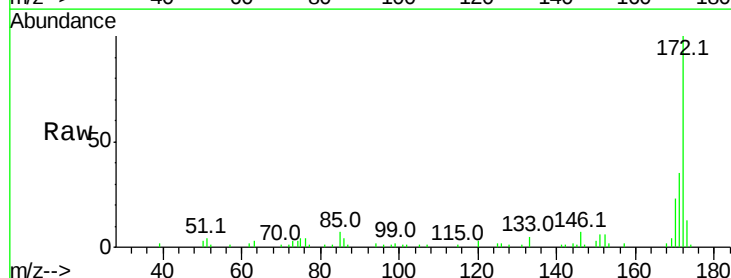


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

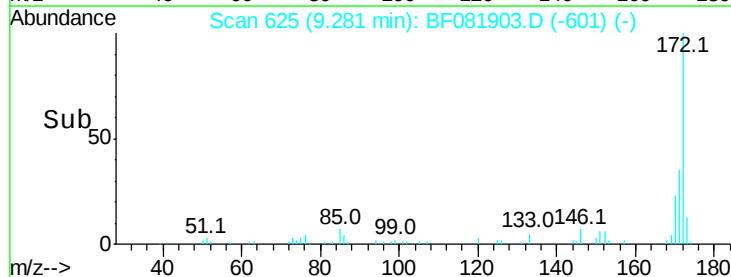
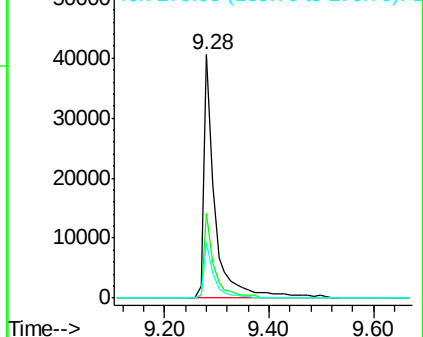


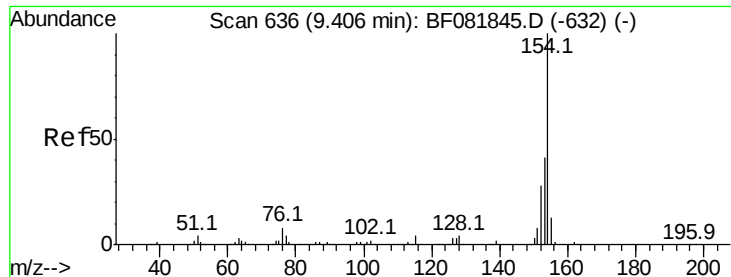
#44
 2-Fluorobiphenyl
 Concen: 2.69 ng
 RT: 9.28 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF081903.D
 Acq: 30 Sep 2015 8:02

Tgt Ion:172 Resp: 60631
 Ion Ratio Lower Upper
 172 100
 171 35.0 26.1 39.1
 170 22.9 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

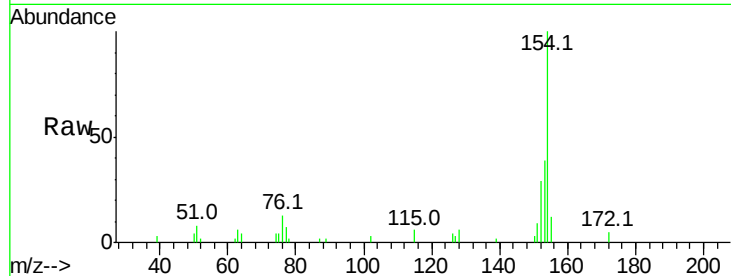




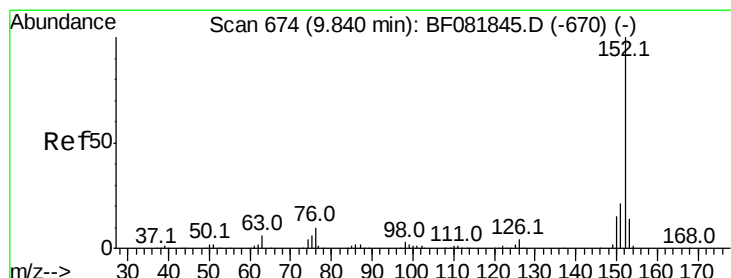
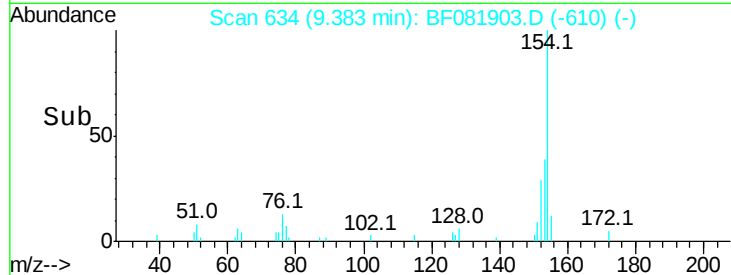
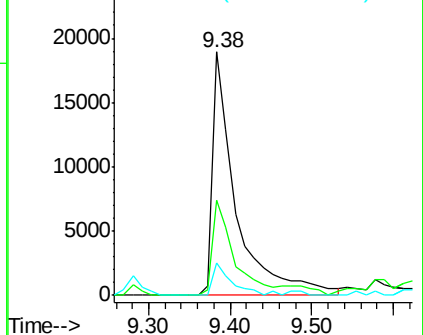
#45
 1,1'-Biphenyl
 Concen: 2.11 ng
 RT: 9.38 min Scan# 634
 Delta R.T. -0.02 min
 Lab File: BF081903.D
 Acq: 30 Sep 2015 8:02

Instrument :
 BNA_F
 ClientSampleId :
 MW-2BDL2

Tot Ion	Ratio	Lower	Upper
154	100		
153	39.0	17.1	57.1
76	13.5	0.0	31.6

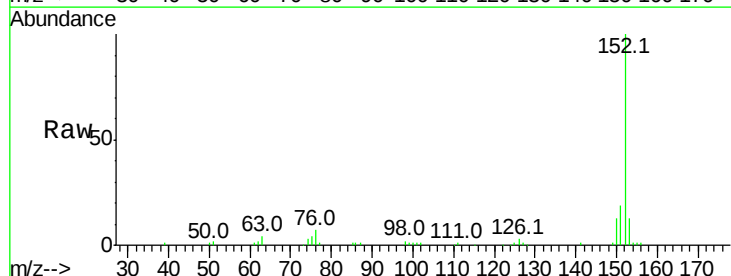


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

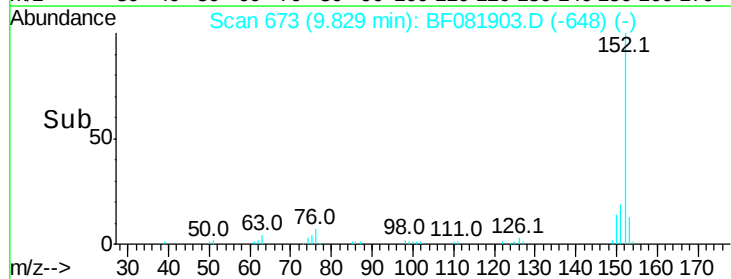
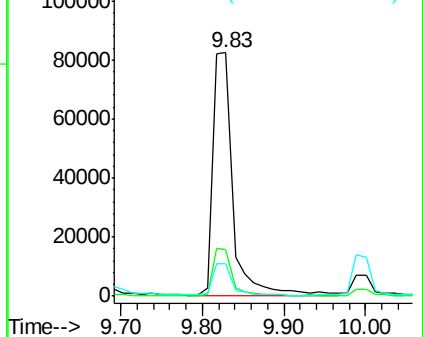


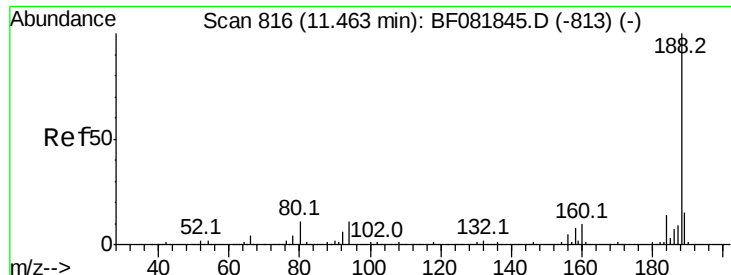
#48
 Acenaphthylene
 Concen: 6.19 ng
 RT: 9.83 min Scan# 673
 Delta R.T. -0.01 min
 Lab File: BF081903.D
 Acq: 30 Sep 2015 8:02

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.2	14.6	22.0
153	13.5	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

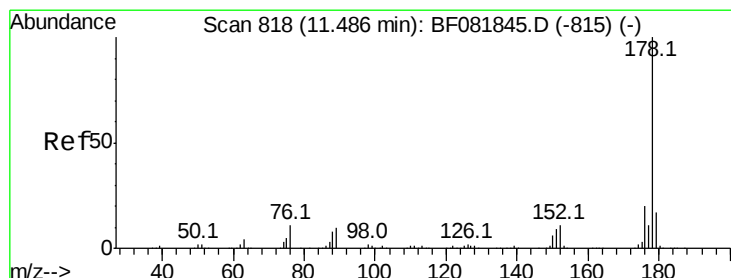
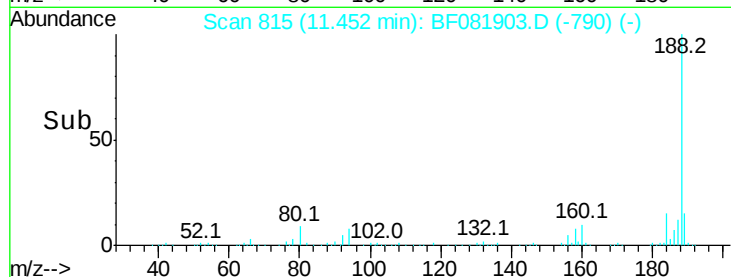
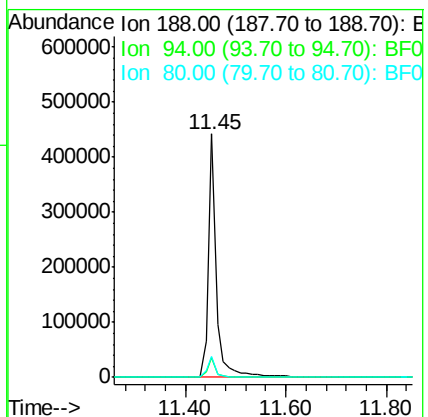
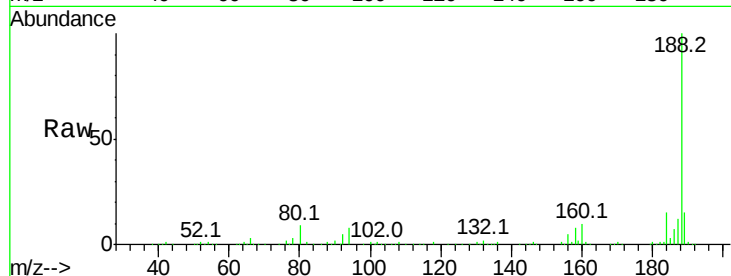




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.45 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF081903.D
Acq: 30 Sep 2015 8:02

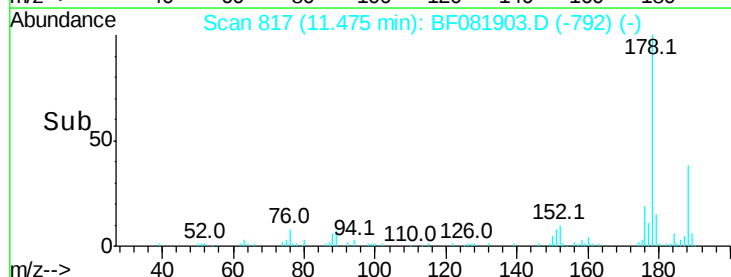
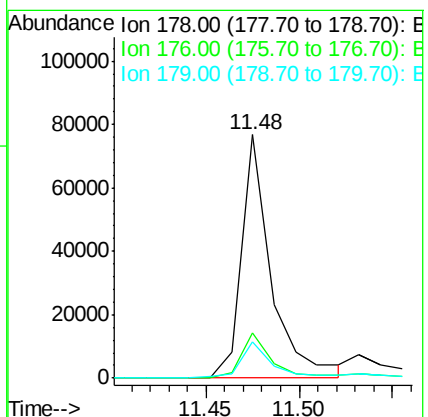
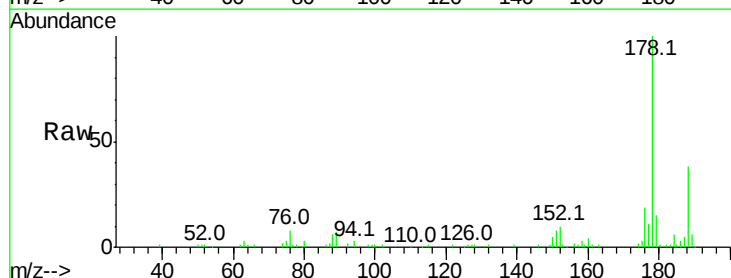
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MW-2BDL2

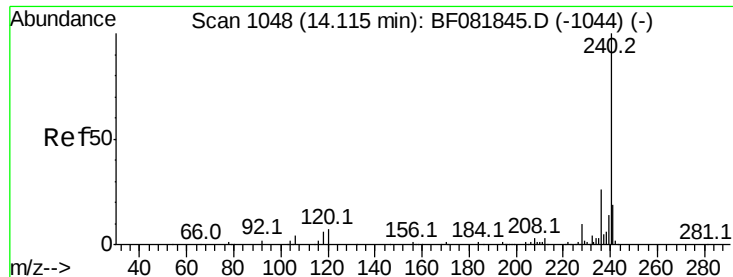
Tot Ion:188 Resp: 490287
Ion Ratio Lower Upper
188 100
94 8.0 11.1 16.7#
80 8.8 11.0 16.4#



#70
Phenanthrene
Concen: 2.05 ng
RT: 11.48 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF081903.D
Acq: 30 Sep 2015 8:02

Tgt Ion:178 Resp: 85771
Ion Ratio Lower Upper
178 100
176 18.7 13.8 20.8
179 15.1 12.2 18.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.09 min Scan# 1046

Delta R.T. -0.02 min

Lab File: BF081903.D

Acq: 30 Sep 2015 8:02

Instrument :

BNA_F

ClientSampleId :

MW-2BDL2

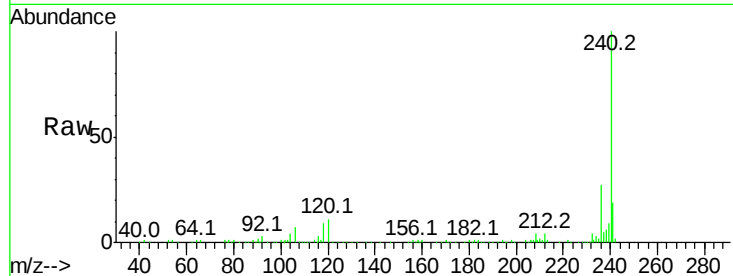
Tot Ion:240 Resp: 397162

Ion Ratio Lower Upper

240 100

120 10.8 16.2 24.2#

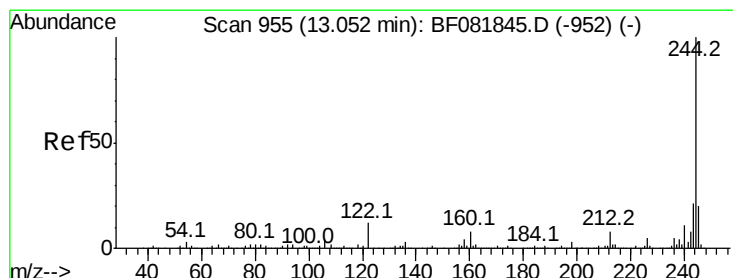
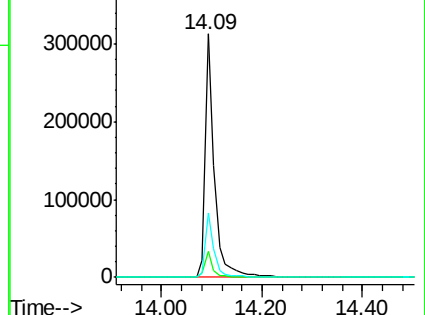
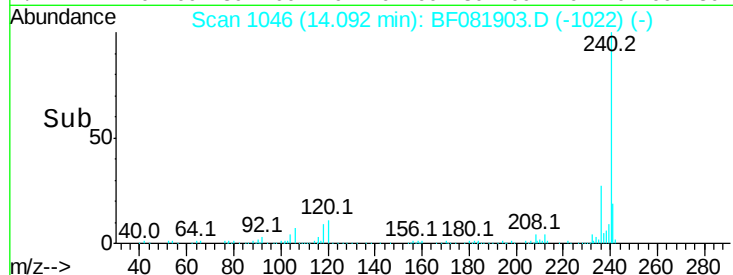
236 26.6 18.4 27.6



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: 2.27 ng

RT: 13.04 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF081903.D

Acq: 30 Sep 2015 8:02

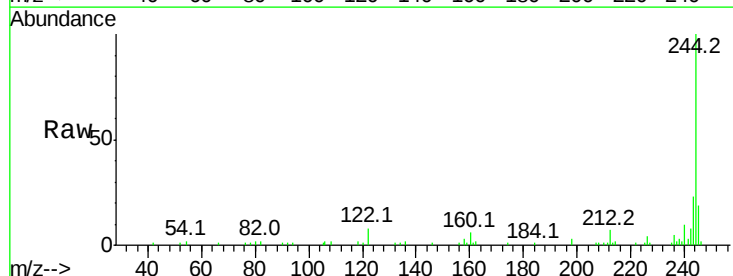
Tgt Ion:244 Resp: 63147

Ion Ratio Lower Upper

244 100

212 6.8 4.3 6.5#

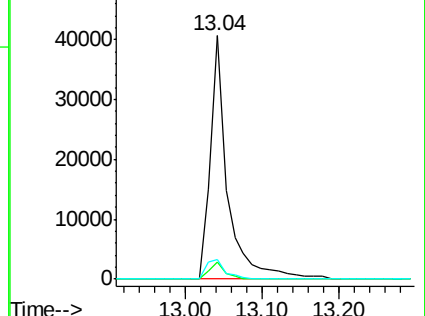
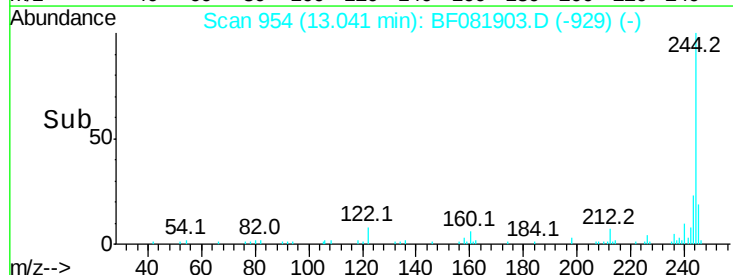
122 7.9 17.4 26.2#

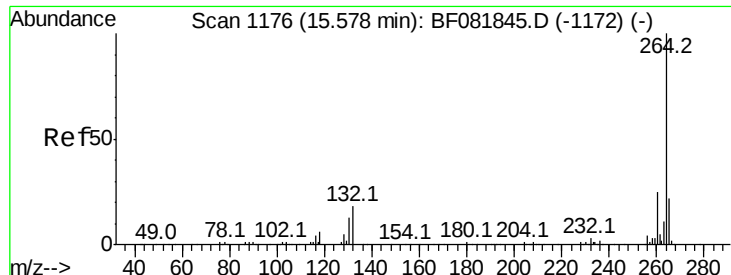


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



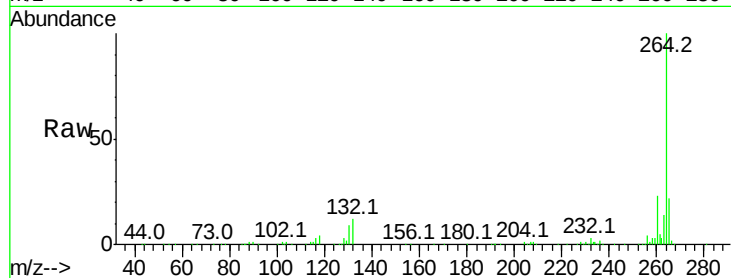


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.57 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF081903.D
Acq: 30 Sep 2015 8:02

Instrument :
BNA_F
ClientSampleId :
MW-2BDL2

Tot Ion: 264 Resp: 377988

Ion	Ratio	Lower	Upper
264	100		
260	23.5	16.7	25.1
265	21.6	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

