

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091815\
 Data File : BF081700.D
 Acq On : 18 Sep 2015 16:50
 Operator : UM/IZ
 Sample : G3704-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-4-9-15-15

Quant Time: Sep 19 00:48:24 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 15 14:03:59 2015
 Response via : Initial Calibration

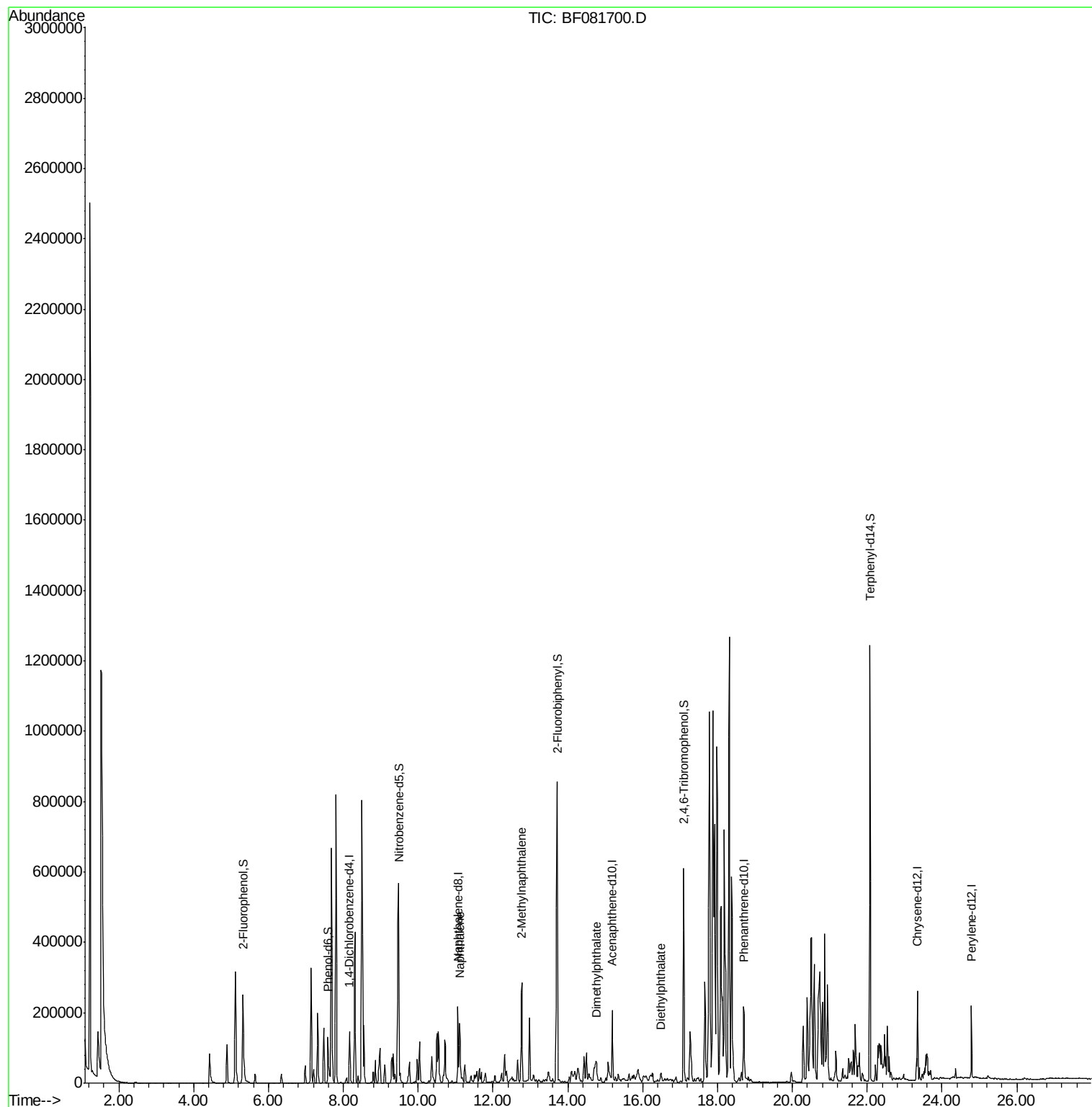
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	38632	20.00	ng	-0.06
21) Naphthalene-d8	11.07	136	151576	20.00	ng	-0.06
38) Acenaphthene-d10	15.19	164	74585	20.00	ng	-0.07
63) Phenanthrene-d10	18.70	188	143109	20.00	ng	-0.06
75) Chrysene-d12	23.34	240	113877	20.00	ng	-0.04
86) Perylene-d12	24.78	264	77778	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	139082	55.86	ng	-0.03
7) Phenol-d6	7.59	99	112799	34.22	ng	-0.06
23) Nitrobenzene-d5	9.48	82	330731	105.27	ng	-0.06
41) 2,4,6-Tribromophenol	17.10	330	101149	152.31	ng	-0.07
44) 2-Fluorobiphenyl	13.72	172	564844	97.05	ng	-0.06
78) Terphenyl-d14	22.07	244	522262	106.76	ng	-0.04
Target Compounds						
31) Naphthalene	11.11	128	115621	14.30	ng	Qvalue 97
37) 2-Methylnaphthalene	12.77	142	143560	27.29	ng	# 89
49) Dimethylphthalate	14.77	163	28640	4.94	ng	# 85
59) Diethylphthalate	16.48	149	14549	2.39	ng	94

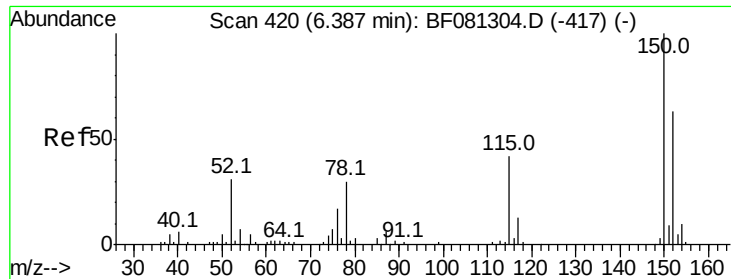
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 619

Delta R.T. -0.06 min

Lab File: BF081700.D

Acq: 18 Sep 2015 16:50

Instrument :

BNA_F

ClientSampleId :

MW-4-9-15-15

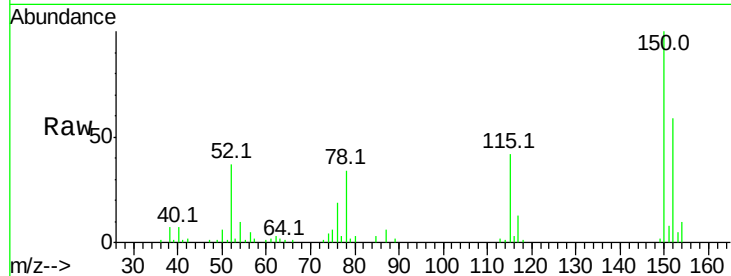
Tgt Ion:152 Resp: 38632

Ion Ratio Lower Upper

152 100

150 169.1 124.7 187.1

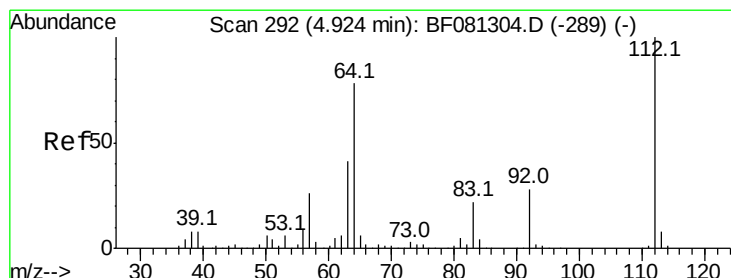
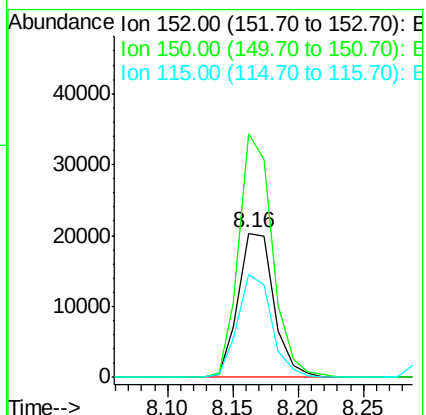
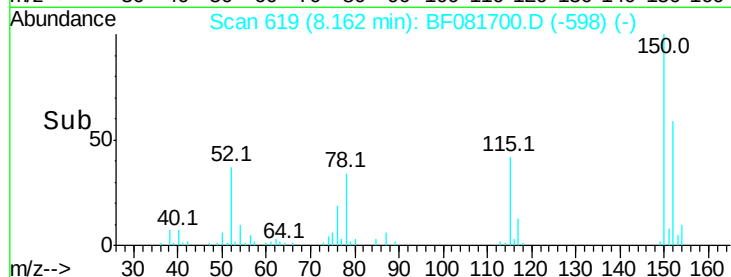
115 71.2 39.0 58.4#



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: 55.86 ng

RT: 5.32 min Scan# 370

Delta R.T. -0.03 min

Lab File: BF081700.D

Acq: 18 Sep 2015 16:50

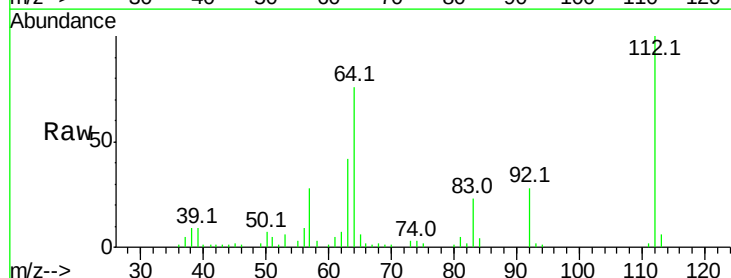
Tgt Ion:112 Resp: 139082

Ion Ratio Lower Upper

112 100

64 75.6 39.7 59.5#

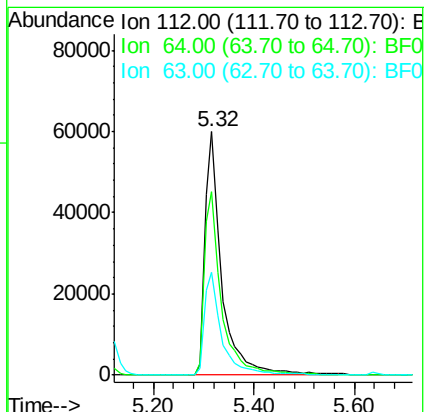
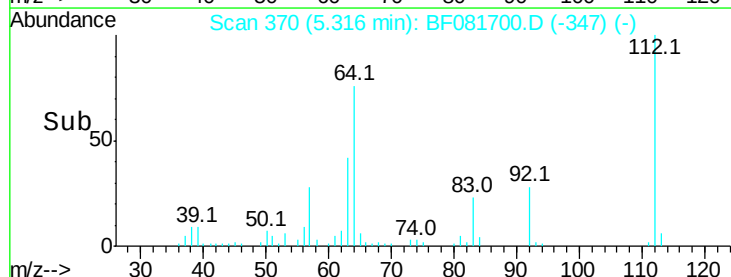
63 42.2 17.4 26.0#

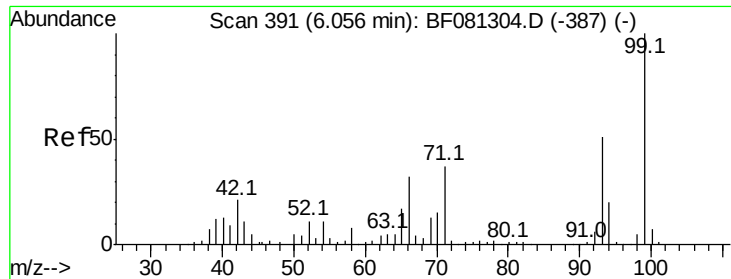


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 34.22 ng

RT: 7.59 min Scan# 569

Delta R.T. -0.06 min

Lab File: BF081700.D

Acq: 18 Sep 2015 16:50

Instrument :

BNA_F

ClientSampleId :

MW-4-9-15-15

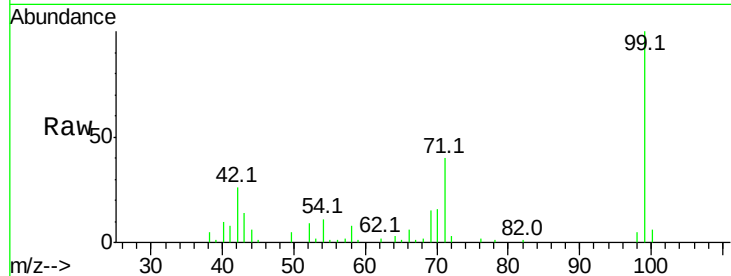
Tgt Ion: 99 Resp: 112799

Ion Ratio Lower Upper

99 100

42 25.8 13.7 20.5#

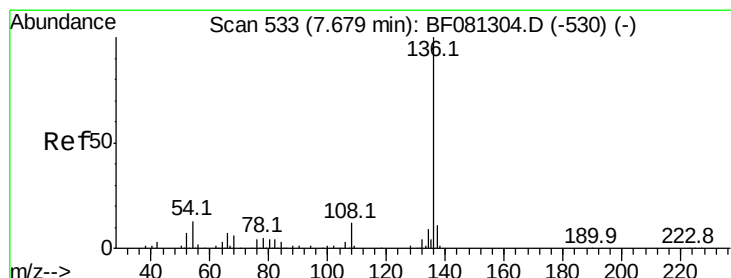
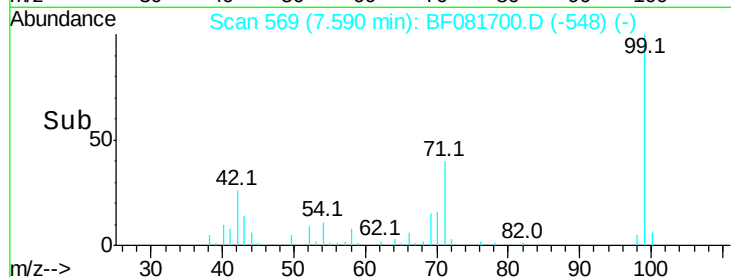
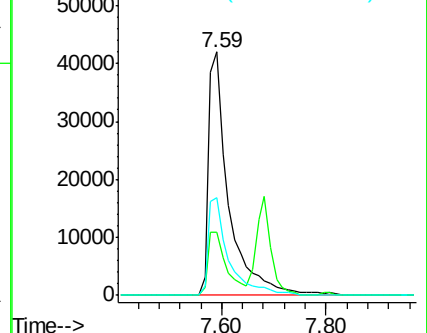
71 40.3 14.2 21.2#



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: 11.07 min Scan# 873

Delta R.T. -0.06 min

Lab File: BF081700.D

Acq: 18 Sep 2015 16:50

Tgt Ion: 136 Resp: 151576

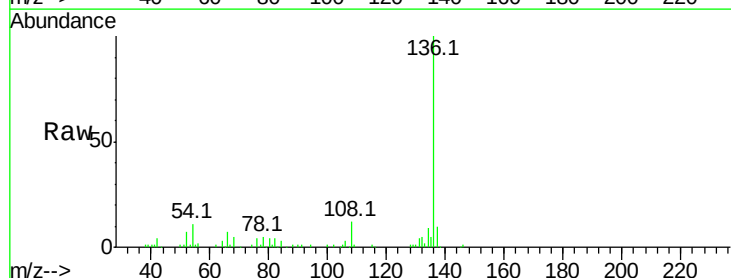
Ion Ratio Lower Upper

136 100

137 10.3 9.0 13.6

54 11.4 8.2 12.2

68 4.8 5.8 8.6#

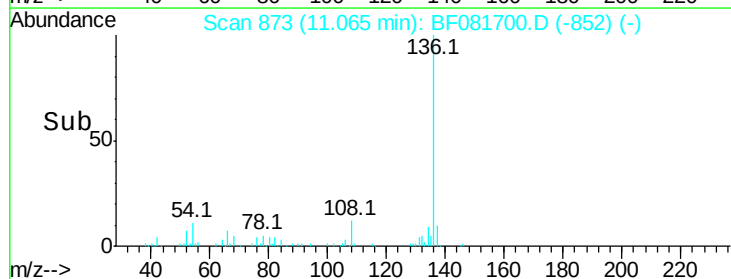
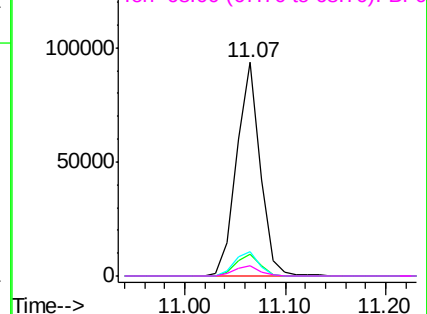


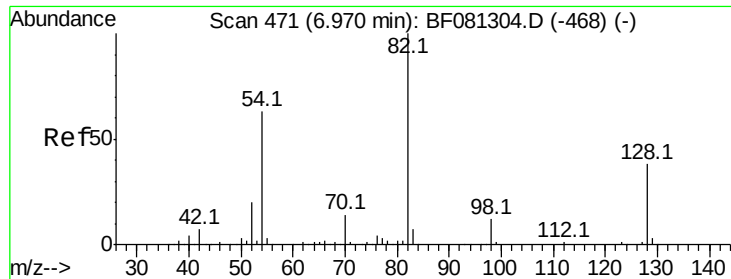
Abundance Ion 136.00 (135.70 to 136.70): E

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

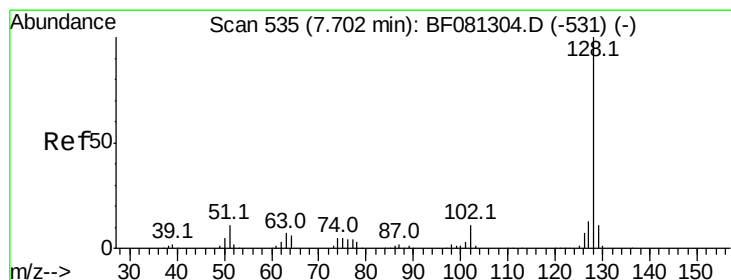
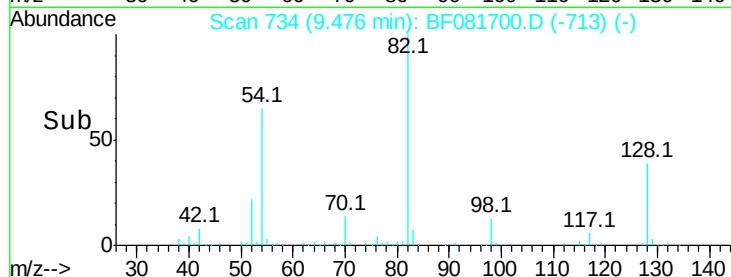
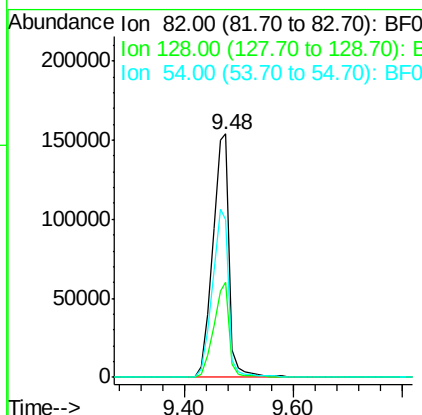
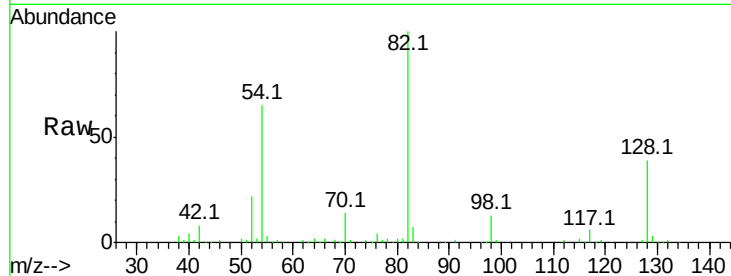




#23
 Nitrobenzene-d5
 Concen: 105.27 ng
 RT: 9.48 min Scan# 734
 Delta R.T. -0.06 min
 Lab File: BF081700.D
 Acq: 18 Sep 2015 16:50

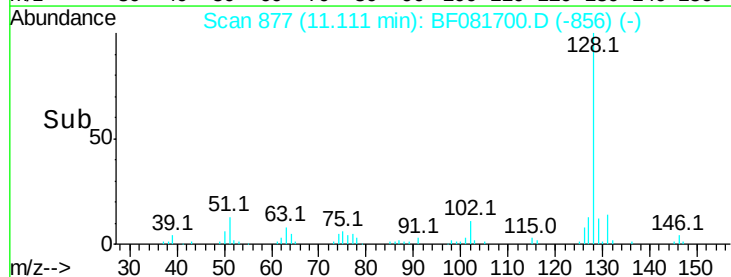
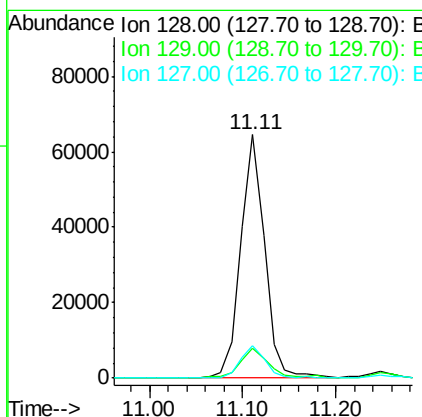
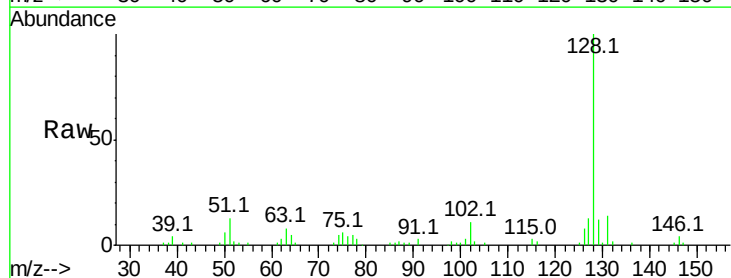
Instrument :
 BNA_F
 ClientSampleId :
 MW-4-9-15-15

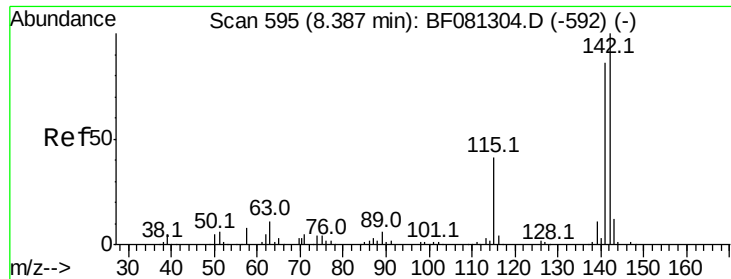
Tgt Ion: 82 Resp: 330731
 Ion Ratio Lower Upper
 82 100
 128 39.2 51.0 76.6#
 54 65.1 47.5 71.3



#31
 Naphthalene
 Concen: 14.30 ng
 RT: 11.11 min Scan# 877
 Delta R.T. -0.06 min
 Lab File: BF081700.D
 Acq: 18 Sep 2015 16:50

Tgt Ion: 128 Resp: 115621
 Ion Ratio Lower Upper
 128 100
 129 12.0 8.4 12.6
 127 13.1 9.9 14.9





#37

2-Methylnaphthalene

Concen: 27.29 ng

RT: 12.77 min Scan# 1022

Delta R.T. -0.06 min

Lab File: BF081700.D

Acq: 18 Sep 2015 16:50

Instrument :

BNA_F

ClientSampleId :

MW-4-9-15-15

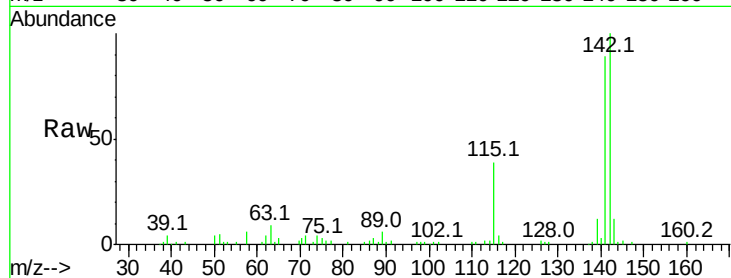
Tgt Ion:142 Resp: 143560

Ion Ratio Lower Upper

142 100

141 89.2 67.5 101.3

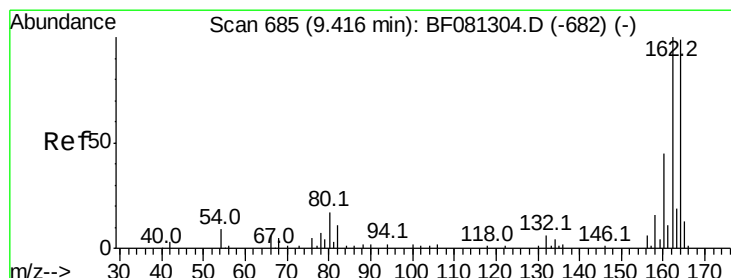
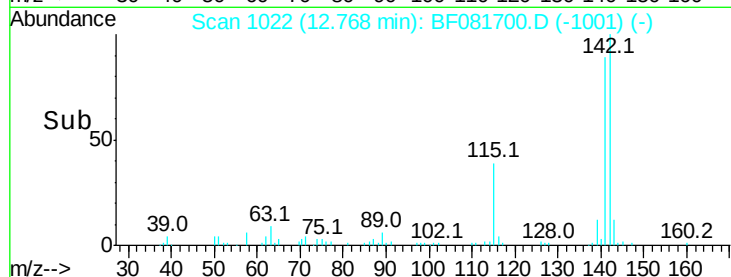
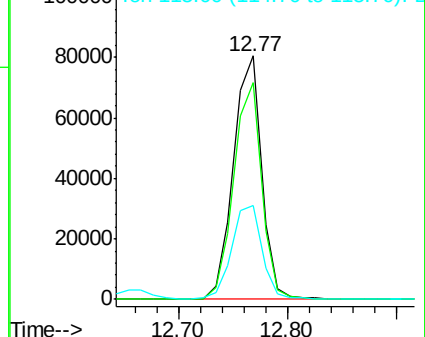
115 38.6 18.2 27.2#



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: 15.19 min Scan# 1234

Delta R.T. -0.07 min

Lab File: BF081700.D

Acq: 18 Sep 2015 16:50

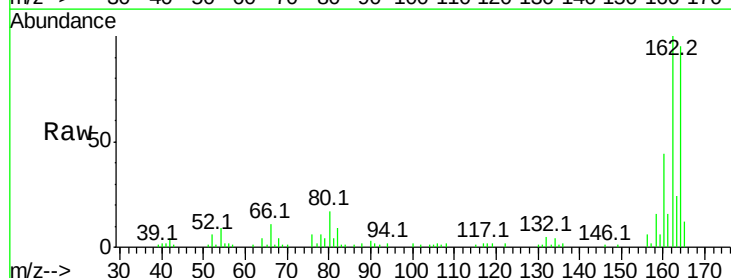
Tgt Ion:164 Resp: 74585

Ion Ratio Lower Upper

164 100

162 105.0 75.2 112.8

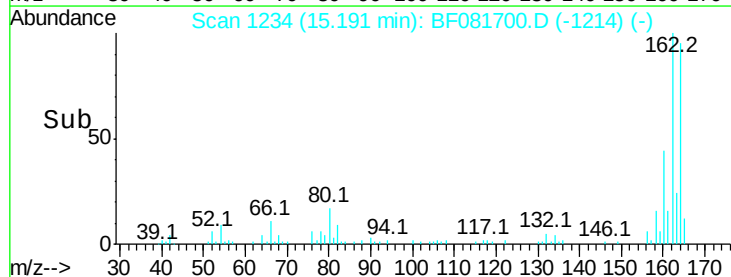
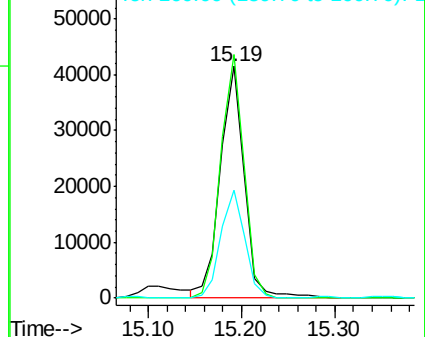
160 46.6 31.5 47.3

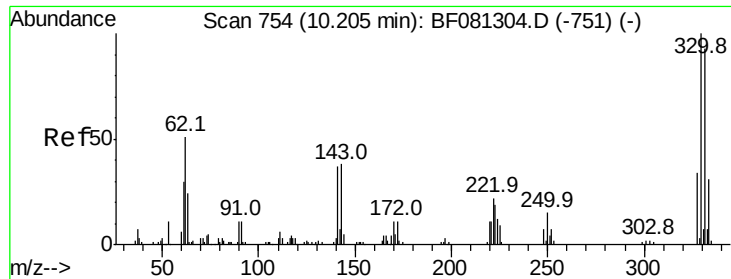


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

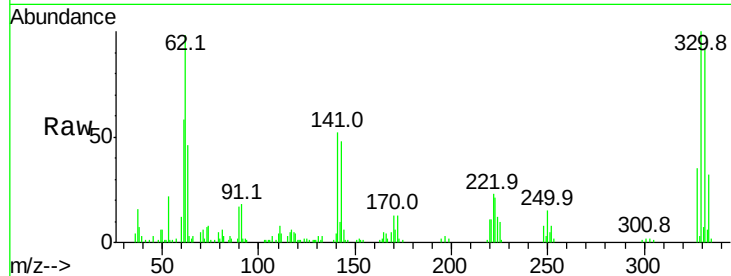




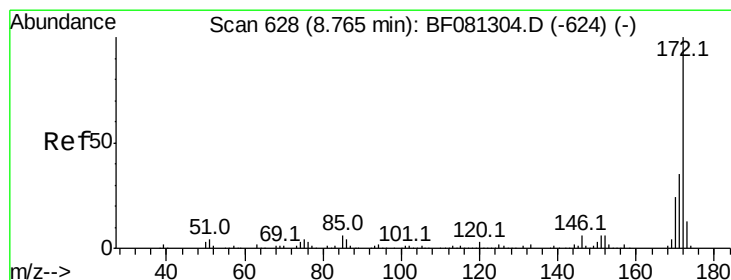
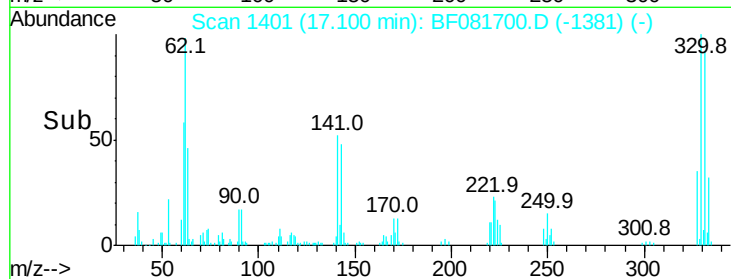
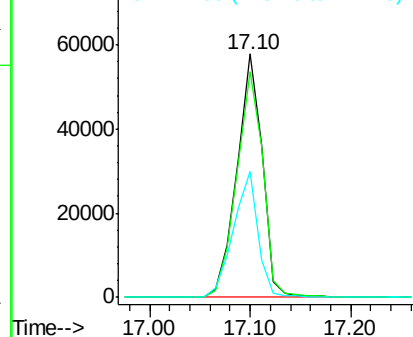
#41
 2,4,6-Tribromophenol
 Concen: 152.31 ng
 RT: 17.10 min Scan# 1401
 Delta R.T. -0.07 min
 Lab File: BF081700.D
 Acq: 18 Sep 2015 16:50

Instrument :
 BNA_F
 ClientSampleId :
 MW-4-9-15-15

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.6	114.8
141	50.4	29.7	44.5#

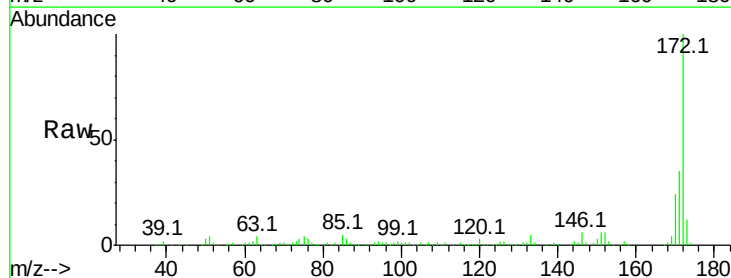


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

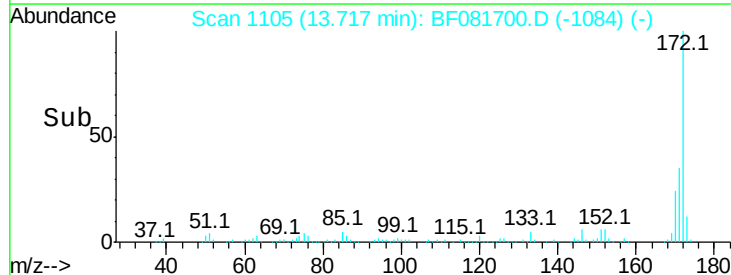
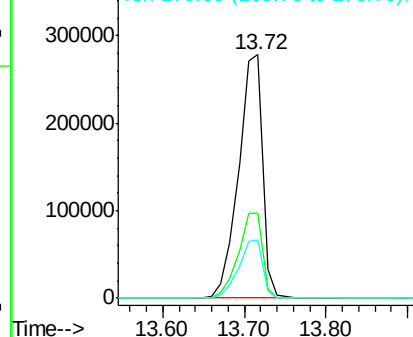


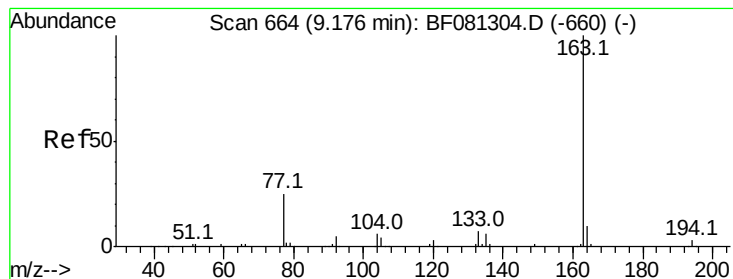
#44
 2-Fluorobiphenyl
 Concen: 97.05 ng
 RT: 13.72 min Scan# 1105
 Delta R.T. -0.06 min
 Lab File: BF081700.D
 Acq: 18 Sep 2015 16:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	26.1	39.1
170	23.7	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: 4.94 ng

RT: 14.77 min Scan# 1197

Delta R.T. -0.09 min

Lab File: BF081700.D

Acq: 18 Sep 2015 16:50

Instrument :

BNA_F

ClientSampleId :

MW-4-9-15-15

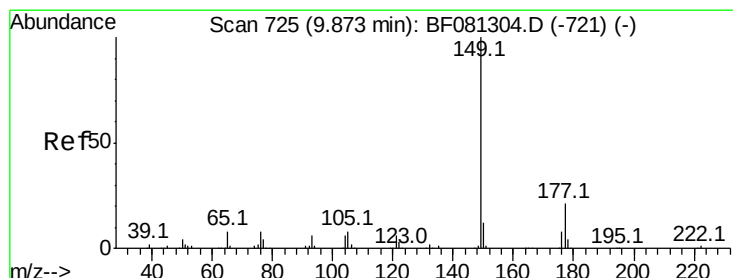
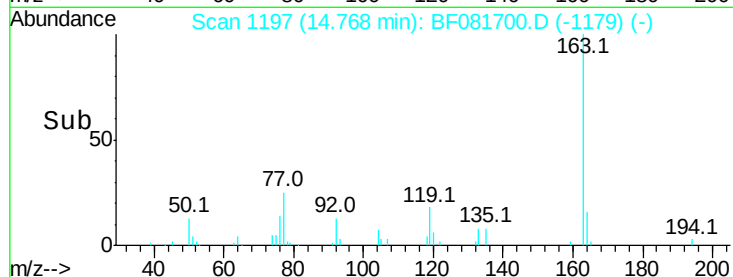
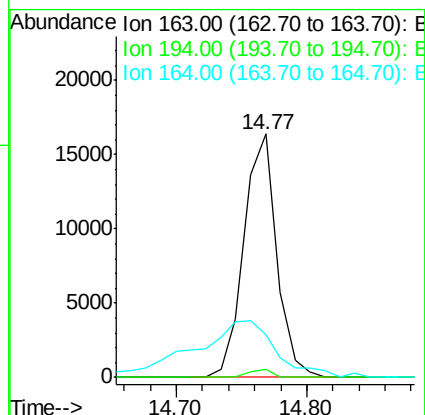
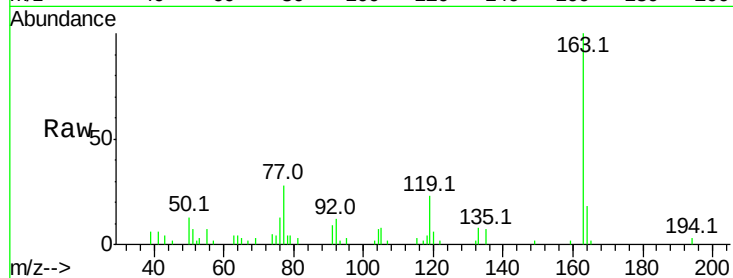
Tgt Ion:163 Resp: 28640

Ion Ratio Lower Upper

163 100

194 3.3 4.4 6.6#

164 17.6 8.3 12.5#



#59

Diethylphthalate

Concen: 2.39 ng

RT: 16.48 min Scan# 1347

Delta R.T. -0.07 min

Lab File: BF081700.D

Acq: 18 Sep 2015 16:50

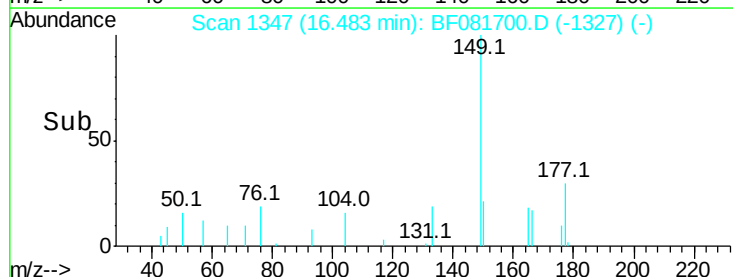
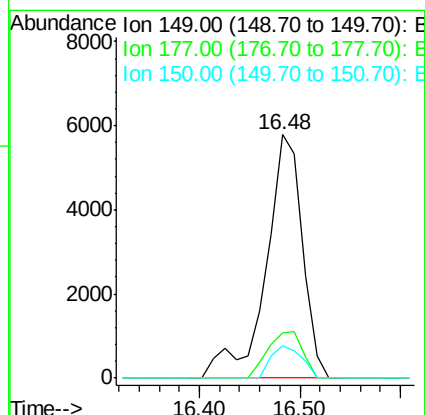
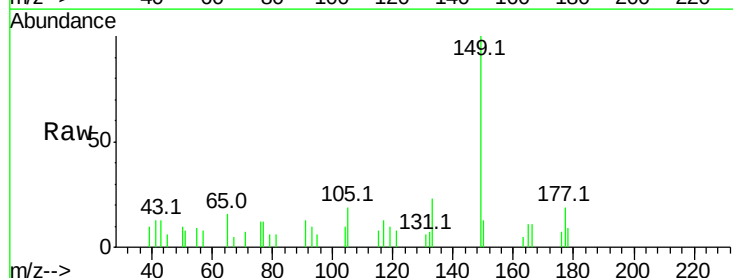
Tgt Ion:149 Resp: 14549

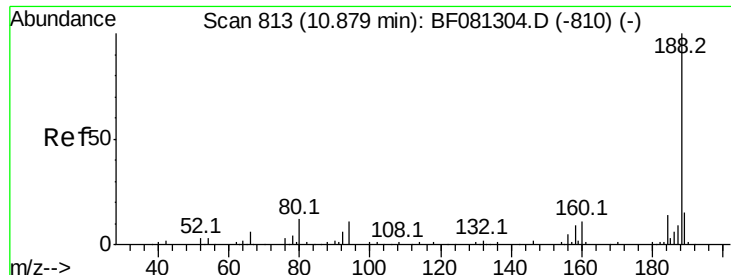
Ion Ratio Lower Upper

149 100

177 18.7 17.5 26.3

150 13.1 9.4 14.2

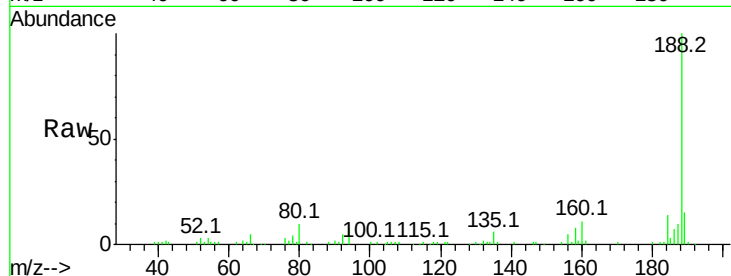




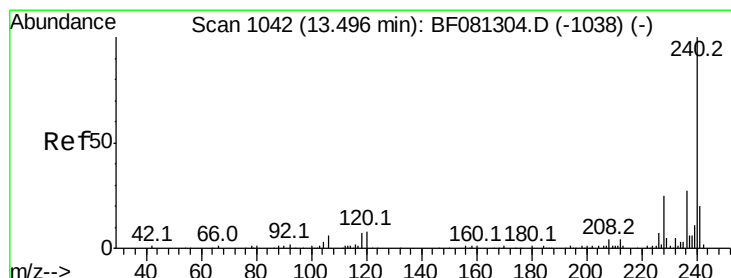
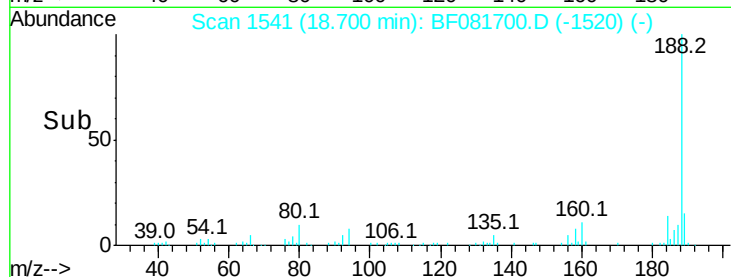
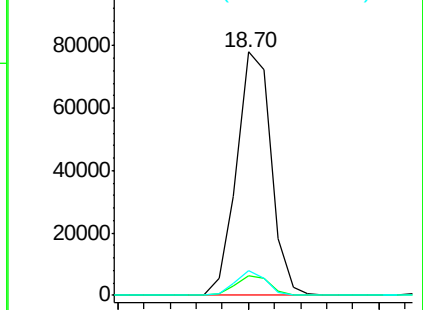
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.70 min Scan# 1541
Delta R.T. -0.06 min
Lab File: BF081700.D
Acq: 18 Sep 2015 16:50

Instrument :
BNA_F
ClientSampleId :
MW-4-9-15-15

Tgt Ion:188 Resp: 143109
Ion Ratio Lower Upper
188 100
94 8.2 11.1 16.7#
80 10.0 11.0 16.4#

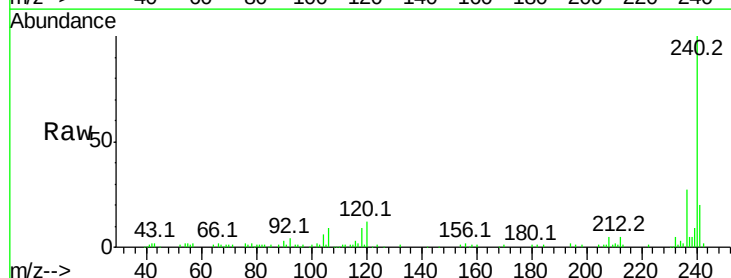


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

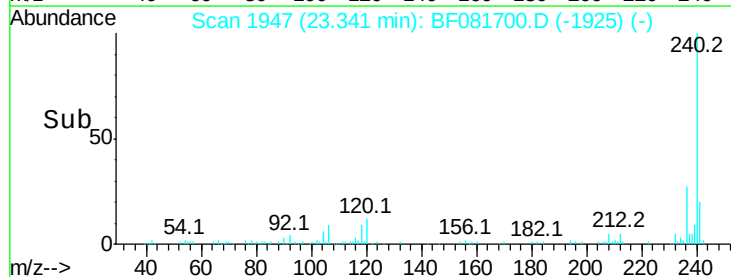
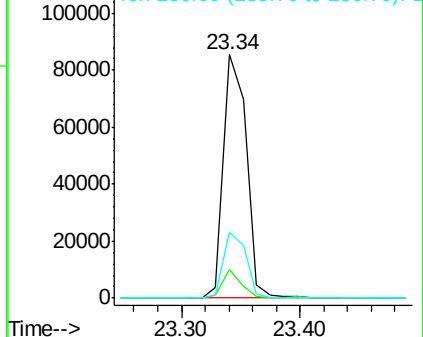


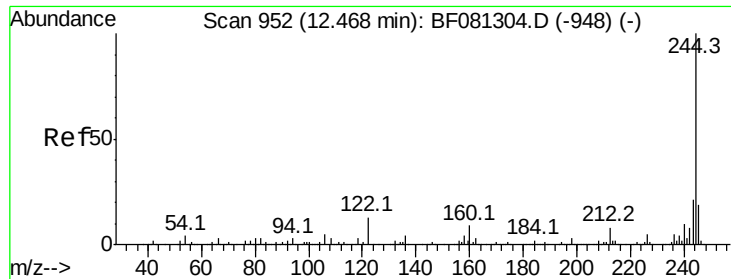
#75
Chrysene-d12
Concen: 20.00 ng
RT: 23.34 min Scan# 1947
Delta R.T. -0.04 min
Lab File: BF081700.D
Acq: 18 Sep 2015 16:50

Tgt Ion:240 Resp: 113877
Ion Ratio Lower Upper
240 100
120 11.5 16.2 24.2#
236 26.9 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: 106.76 ng

RT: 22.07 min Scan# 1836

Delta R.T. -0.04 min

Lab File: BF081700.D

Acq: 18 Sep 2015 16:50

Instrument :

BNA_F

ClientSampleId :

MW-4-9-15-15

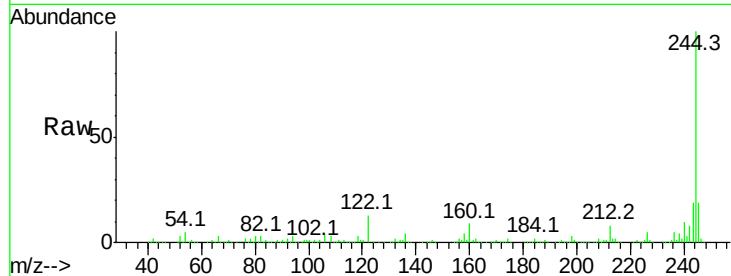
Tgt Ion:244 Resp: 522262

Ion Ratio Lower Upper

244 100

212 7.9 4.3 6.5#

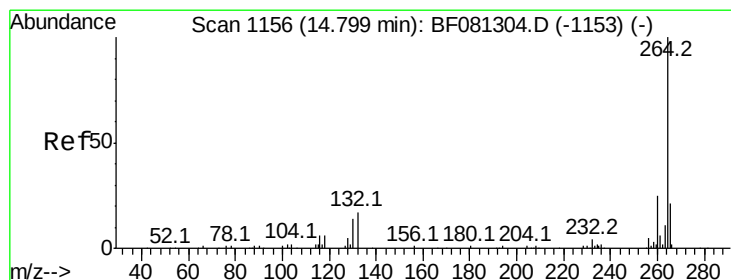
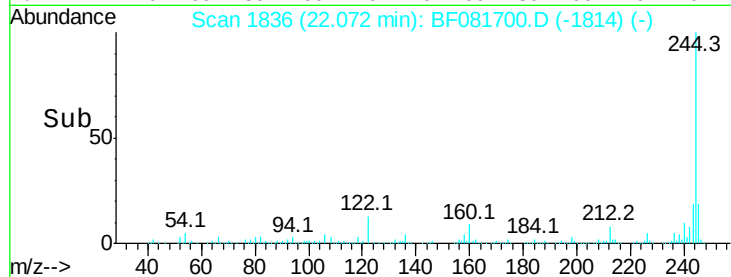
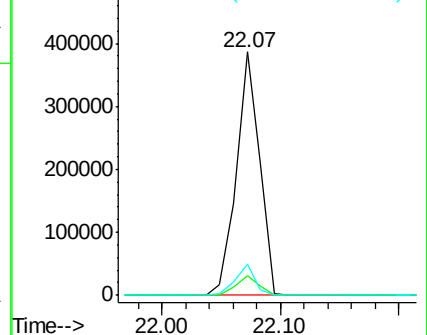
122 12.6 17.4 26.2#



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: 24.78 min Scan# 2073

Delta R.T. -0.03 min

Lab File: BF081700.D

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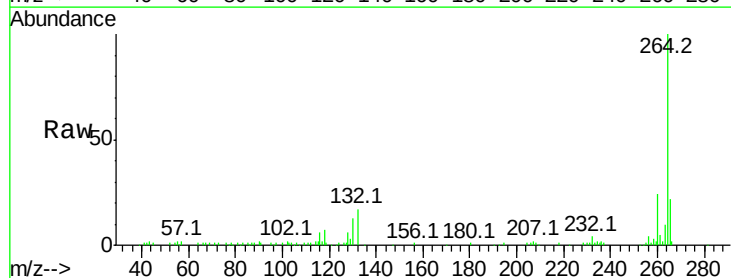
Tgt Ion:264 Resp: 77778

Ion Ratio Lower Upper

264 100

260 23.7 16.7 25.1

265 21.7 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

