

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091815\
 Data File : BF081703.D
 Acq On : 18 Sep 2015 18:41
 Operator : UM/IZ
 Sample : G3704-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-8-9-15-15

Quant Time: Sep 18 23:01:32 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

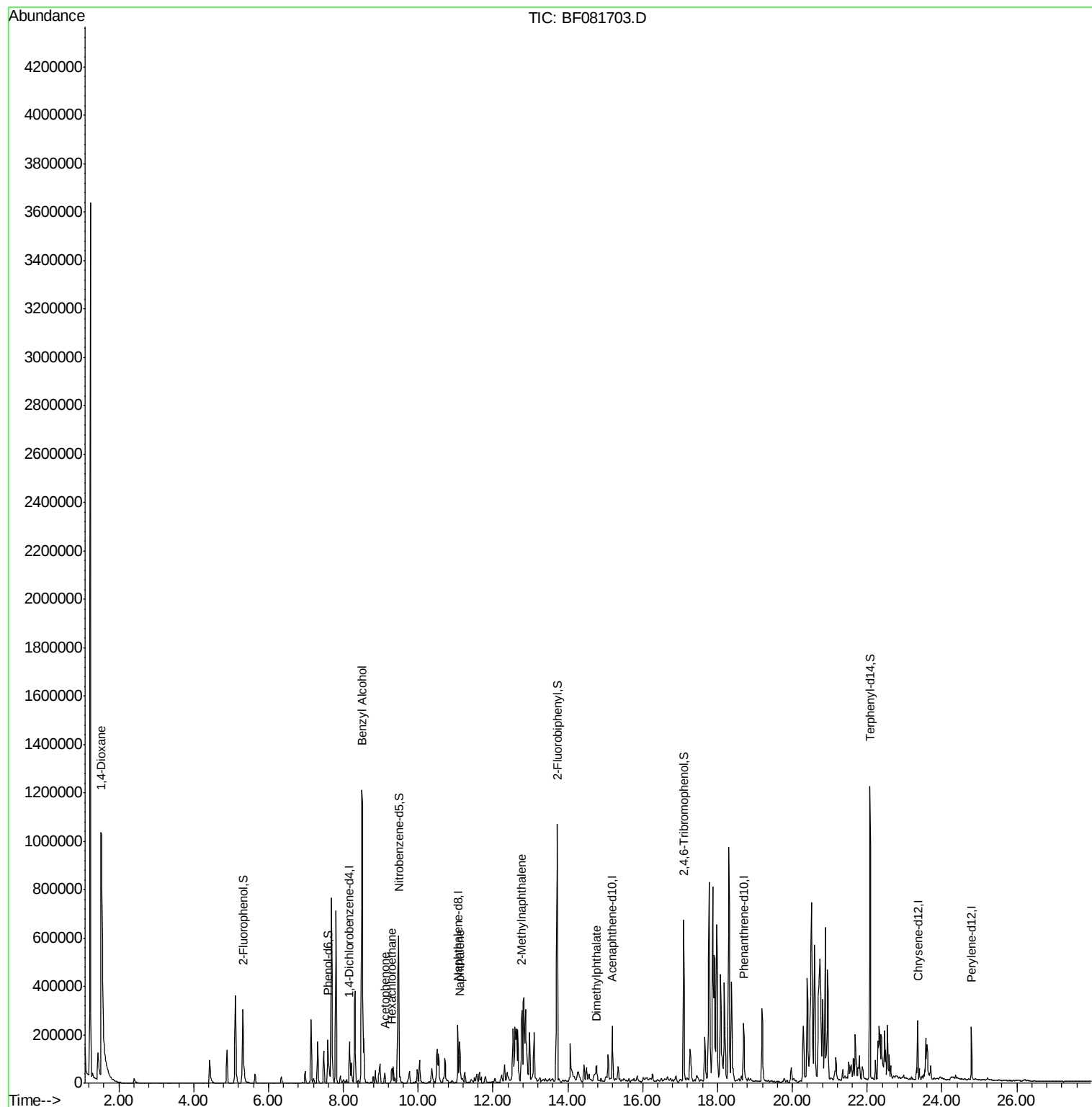
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	42404	20.00	ng	-0.06
21) Naphthalene-d8	11.06	136	166065	20.00	ng	-0.06
38) Acenaphthene-d10	15.19	164	85495	20.00	ng	-0.07
63) Phenanthrene-d10	18.70	188	155155	20.00	ng	-0.06
75) Chrysene-d12	23.35	240	123737	20.00	ng	-0.03
86) Perylene-d12	24.78	264	85875	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	167087	61.14	ng	-0.03
7) Phenol-d6	7.59	99	142482	39.38	ng	-0.06
23) Nitrobenzene-d5	9.48	82	376511	109.39	ng	-0.06
41) 2,4,6-Tribromophenol	17.10	330	119616	157.13	ng	-0.07
44) 2-Fluorobiphenyl	13.72	172	651855	97.71	ng	-0.06
78) Terphenyl-d14	22.07	244	594035	111.75	ng	-0.04
Target Compounds						
2) 1,4-Dioxane	1.53	88	71803	58.50	ng	# 11
15) Benzyl Alcohol	8.49	79	8860	2.99	ng	# 31
18) Hexachloroethane	9.29	117	3923	3.08	ng	# 1
22) Acetophenone	9.11	105	34706	7.65	ng	# 50
31) Naphthalene	11.11	128	114414	12.92	ng	96
37) 2-Methylnaphthalene	12.77	142	140005	24.29	ng	# 87
49) Dimethylphthalate	14.77	163	35796	5.39	ng	# 95

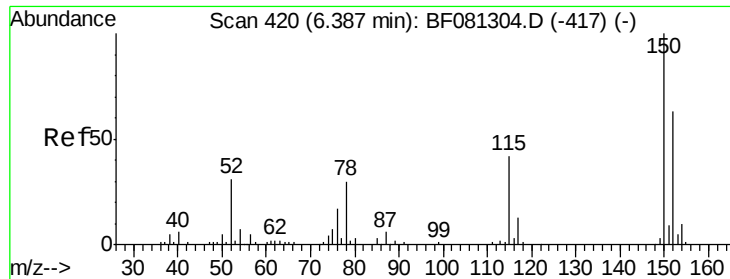
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF081703.D

Acq: 18 Sep 2015 18:41

Instrument :

BNA_F

ClientSampled :

MW-8-9-15-15

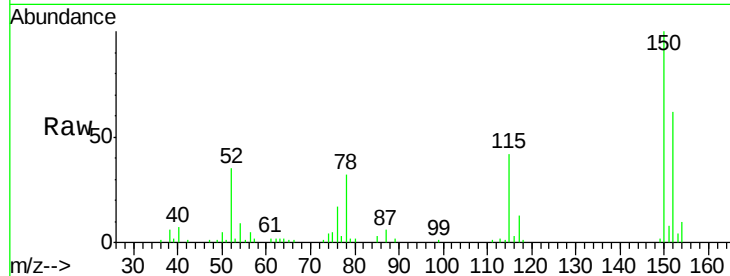
Tgt Ion:152 Resp: 42404

Ion Ratio Lower Upper

152 100

150 161.4 124.7 187.1

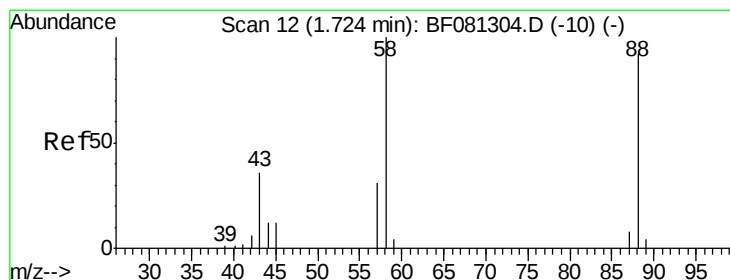
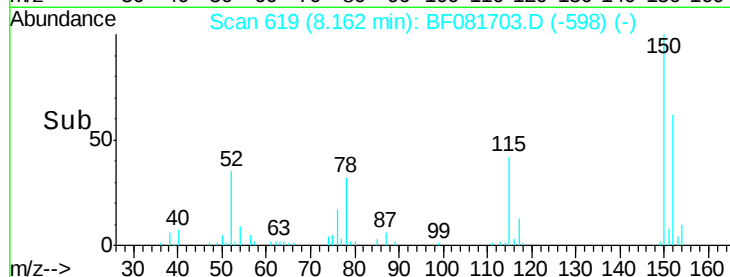
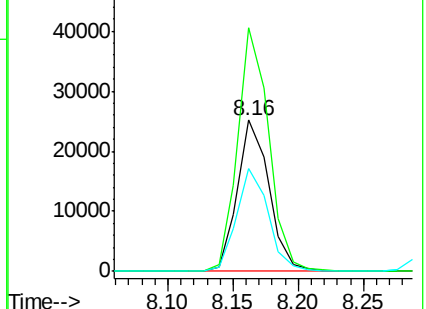
115 68.4 39.0 58.4#



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: 58.50 ng

RT: 1.53 min Scan# 39

Delta R.T. -0.03 min

Lab File: BF081703.D

Acq: 18 Sep 2015 18:41

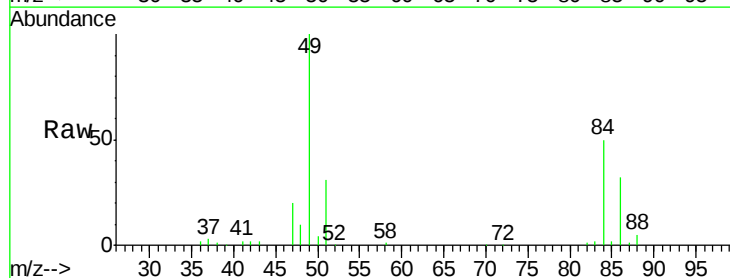
Tgt Ion: 88 Resp: 71803

Ion Ratio Lower Upper

88 100

58 0.0 77.7 116.5#

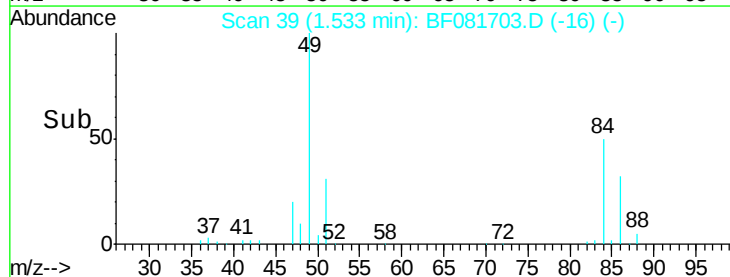
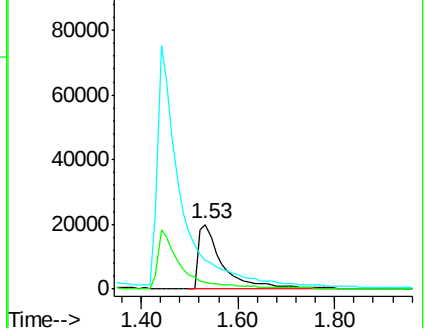
43 0.0 26.6 40.0#

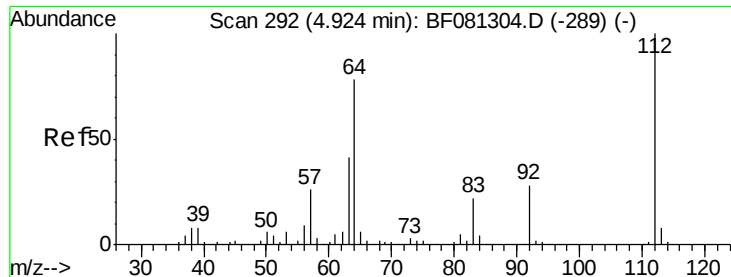


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

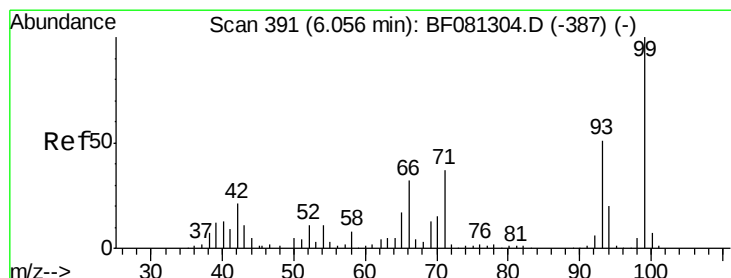
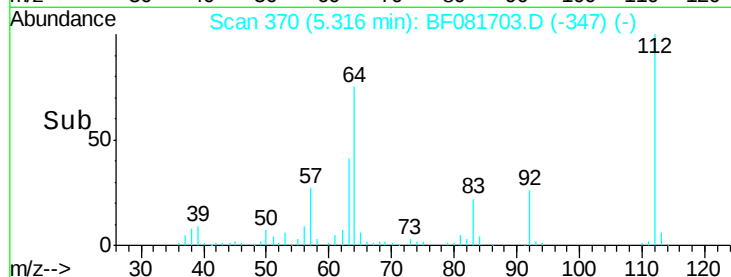
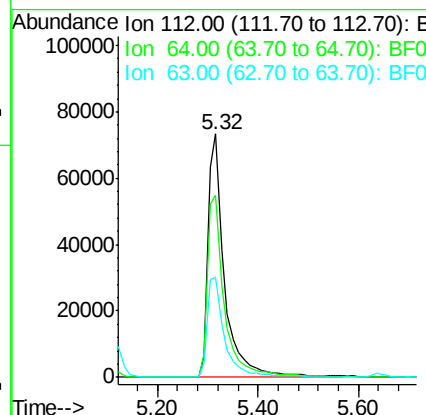
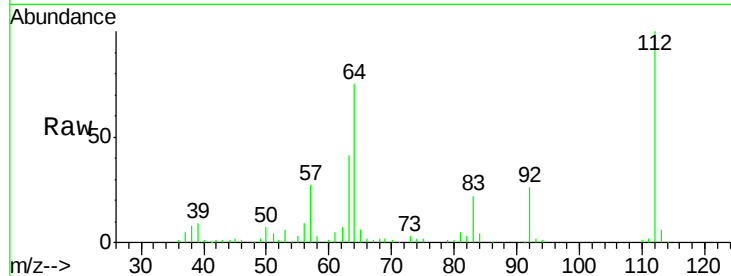




#5
 2-Fluorophenol
 Concen: 61.14 ng
 RT: 5.32 min Scan# 370
 Delta R.T. -0.03 min
 Lab File: BF081703.D
 Acq: 18 Sep 2015 18:41

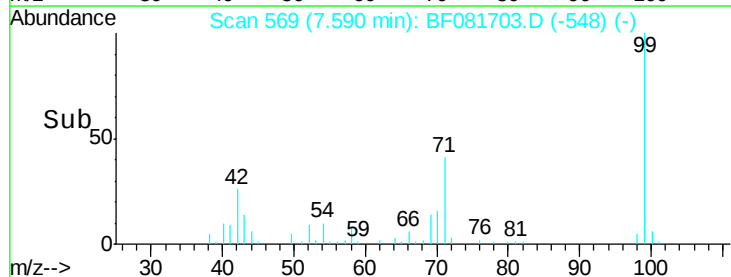
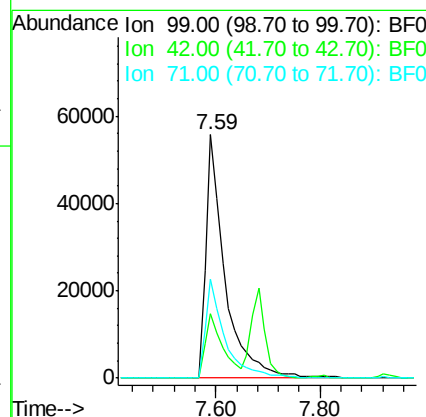
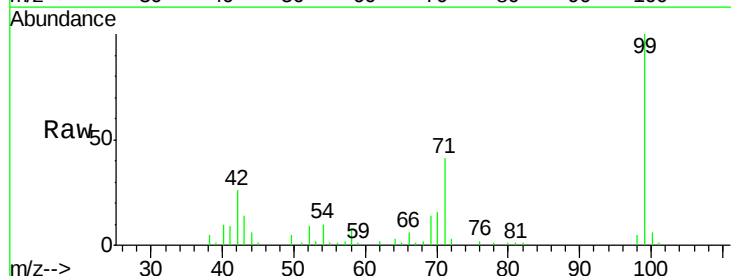
Instrument :
 BNA_F
 ClientSampleId :
 MW-8-9-15-15

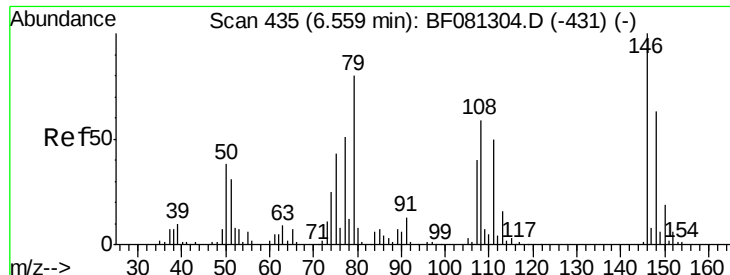
Tgt Ion: 112 Resp: 167087
 Ion Ratio Lower Upper
 112 100
 64 74.9 39.7 59.5#
 63 41.0 17.4 26.0#



#7
 Phenol-d6
 Concen: 39.38 ng
 RT: 7.59 min Scan# 569
 Delta R.T. -0.06 min
 Lab File: BF081703.D
 Acq: 18 Sep 2015 18:41

Tgt Ion: 99 Resp: 142482
 Ion Ratio Lower Upper
 99 100
 42 26.4 13.7 20.5#
 71 40.8 14.2 21.2#





#15

Benzyl Alcohol

Concen: 2.99 ng

RT: 8.49 min Scan# 648

Delta R.T. -0.17 min

Lab File: BF081703.D

Acq: 18 Sep 2015 18:41

Instrument :

BNA_F

ClientSampleId :

MW-8-9-15-15

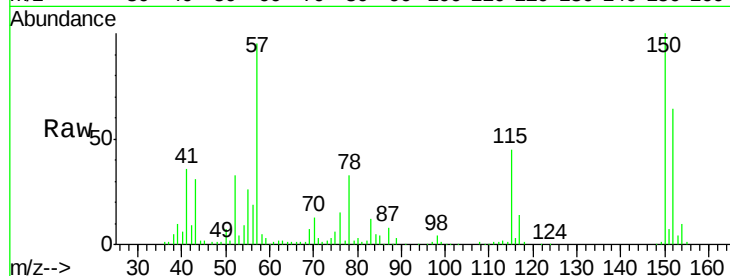
Tgt Ion: 79 Resp: 8860

Ion Ratio Lower Upper

79 100

108 26.4 88.6 132.8#

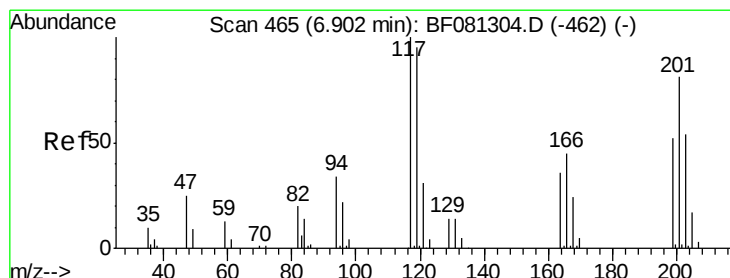
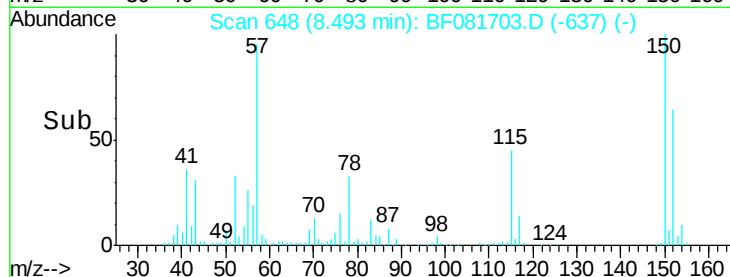
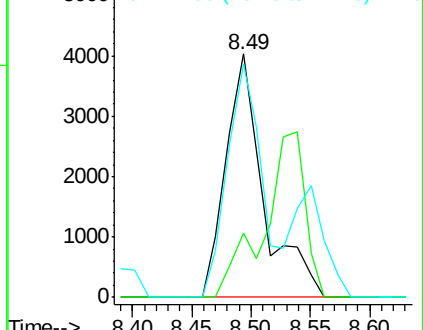
77 95.8 47.0 70.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0



#18

Hexachloroethane

Concen: 3.08 ng

RT: 9.29 min Scan# 718

Delta R.T. -0.02 min

Lab File: BF081703.D

Acq: 18 Sep 2015 18:41

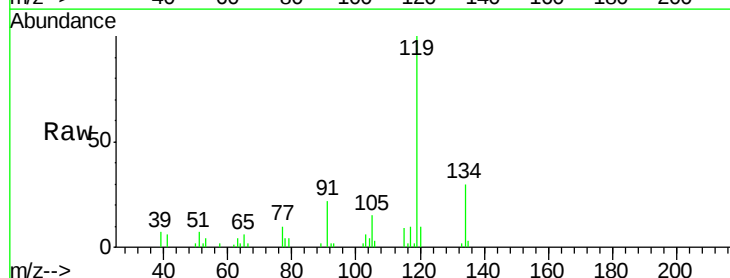
Tgt Ion: 117 Resp: 3923

Ion Ratio Lower Upper

117 100

119 1046.4 83.8 125.6#

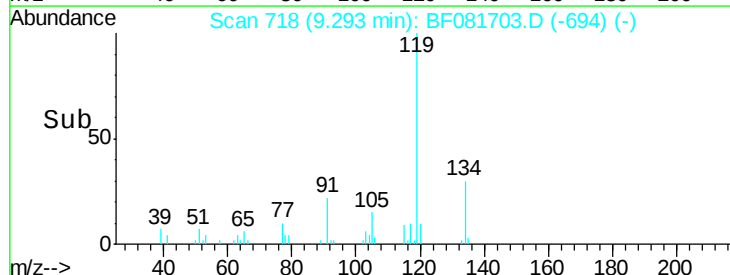
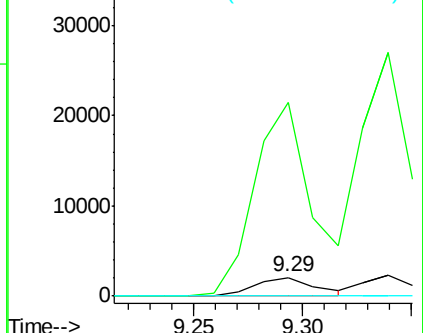
201 0.0 55.1 82.7#

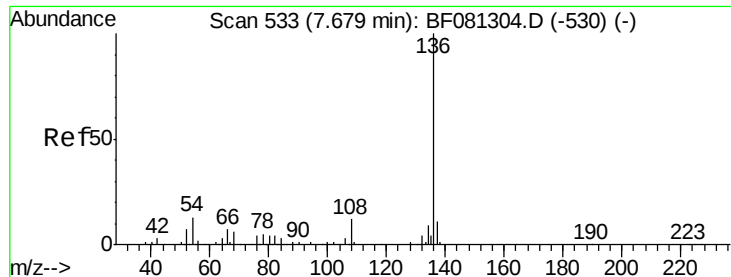


Abundance Ion 117.00 (116.70 to 117.70): E

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: 11.06 min Scan# 873

Delta R.T. -0.06 min

Lab File: BF081703.D

Acq: 18 Sep 2015 18:41

Instrument :

BNA_F

ClientSampleId :

MW-8-9-15-15

Tgt Ion:136 Resp: 166065

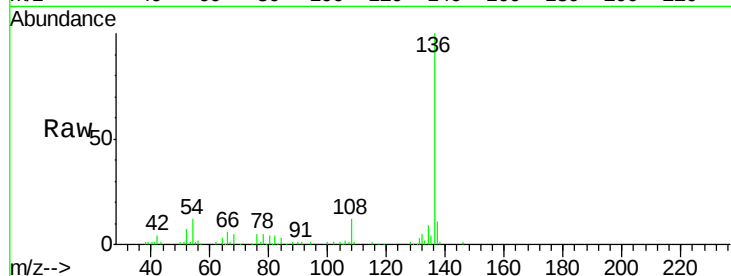
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.6

54 11.6 8.2 12.2

68 4.7 5.8 8.6#

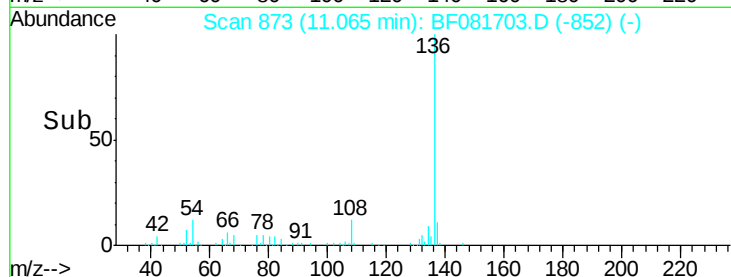


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

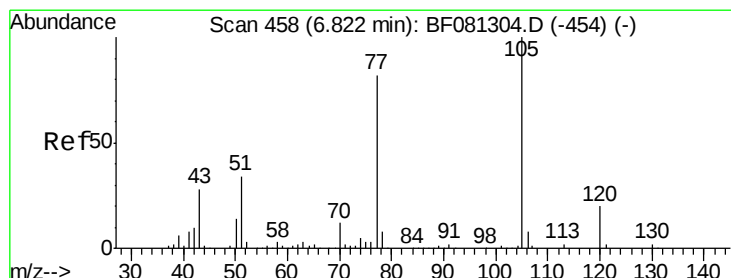
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->

11.06



#22

Acetophenone

Concen: 7.65 ng

RT: 9.11 min Scan# 702

Delta R.T. -0.10 min

Lab File: BF081703.D

Acq: 18 Sep 2015 18:41

Tgt Ion:105 Resp: 34706

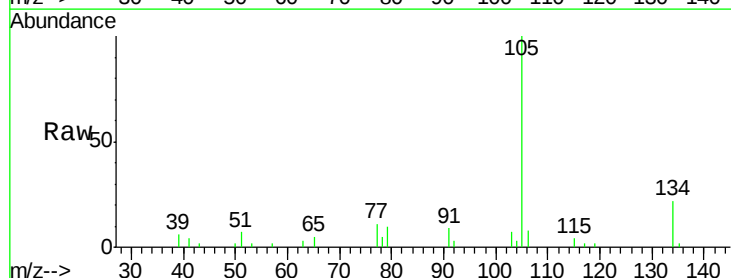
Ion Ratio Lower Upper

105 100

71 0.0 4.7 7.1#

51 6.5 22.0 33.0#

120 0.0 30.1 45.1#

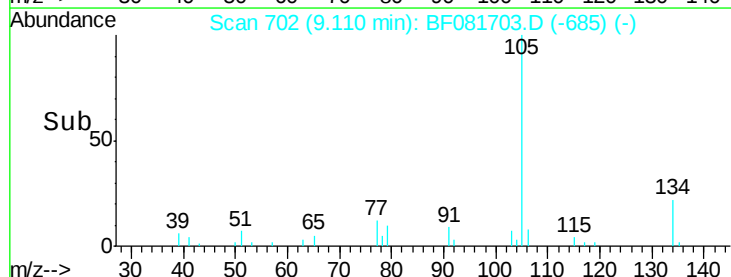


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

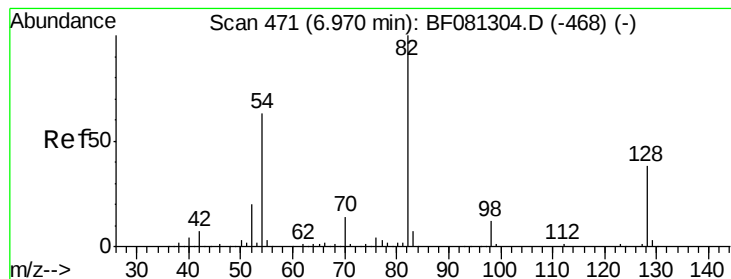
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

9.11



#23

Nitrobenzene-d5

Concen: 109.39 ng

RT: 9.48 min Scan# 734

Delta R.T. -0.06 min

Lab File: BF081703.D

Acq: 18 Sep 2015 18:41

Instrument :

BNA_F

ClientSampleId :

MW-8-9-15-15

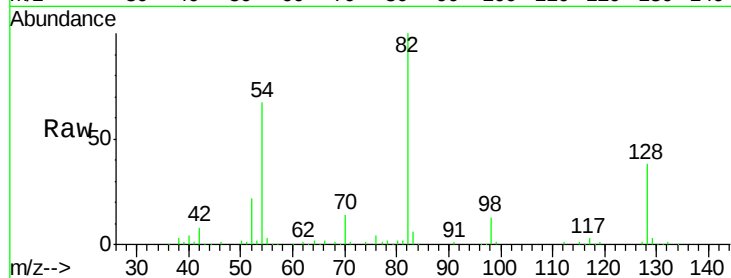
Tgt Ion: 82 Resp: 376511

Ion Ratio Lower Upper

82 100

128 37.5 51.0 76.6#

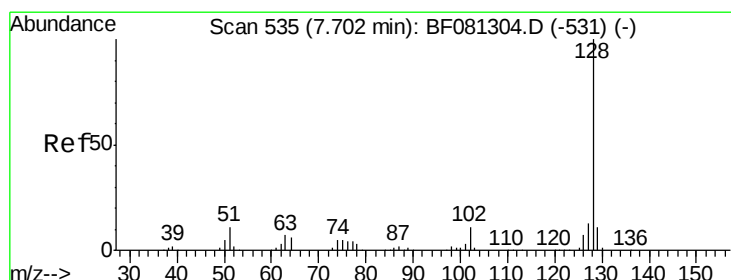
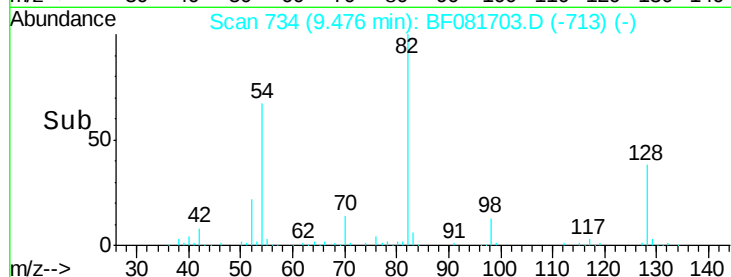
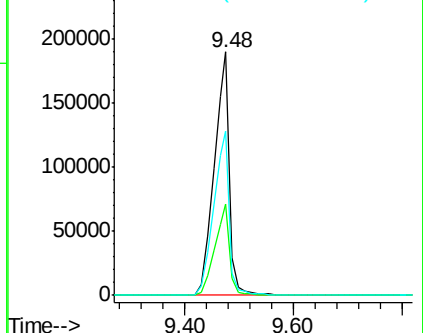
54 67.3 47.5 71.3



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: 12.92 ng

RT: 11.11 min Scan# 877

Delta R.T. -0.06 min

Lab File: BF081703.D

Acq: 18 Sep 2015 18:41

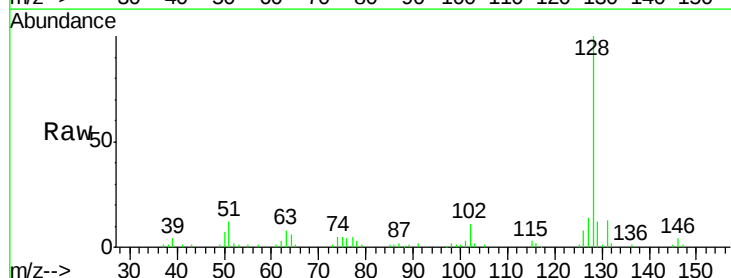
Tgt Ion: 128 Resp: 114414

Ion Ratio Lower Upper

128 100

129 12.4 8.4 12.6

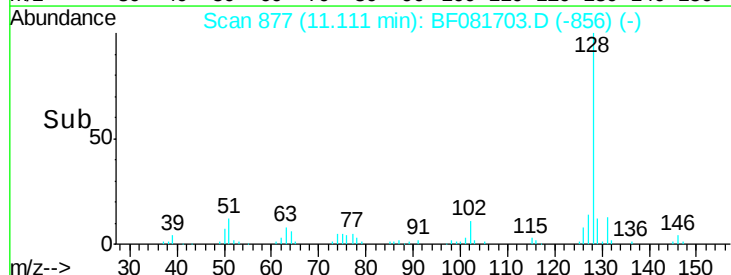
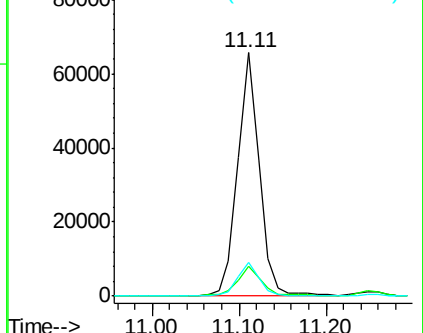
127 13.6 9.9 14.9

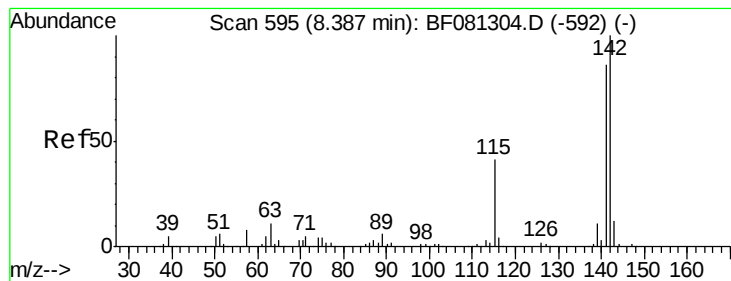


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#37

2-Methylnaphthalene

Concen: 24.29 ng

RT: 12.77 min Scan# 1022

Delta R.T. -0.06 min

Lab File: BF081703.D

Acq: 18 Sep 2015 18:41

Instrument :

BNA_F

ClientSampleId :

MW-8-9-15-15

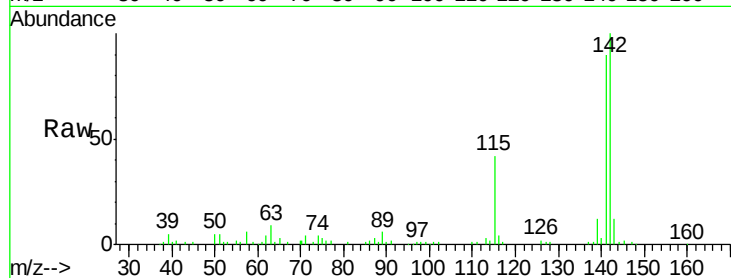
Tgt Ion:142 Resp: 140005

Ion Ratio Lower Upper

142 100

141 89.7 67.5 101.3

115 42.1 18.2 27.2#

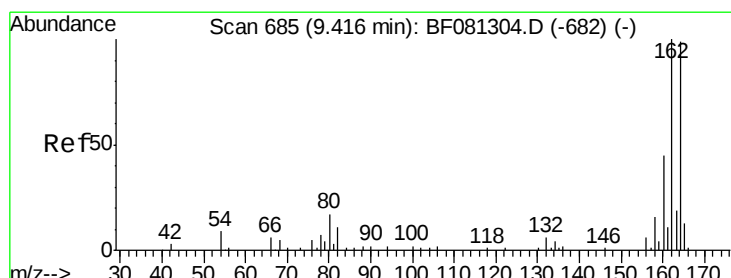
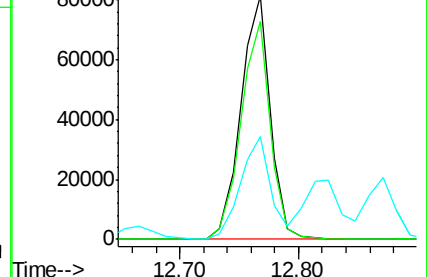
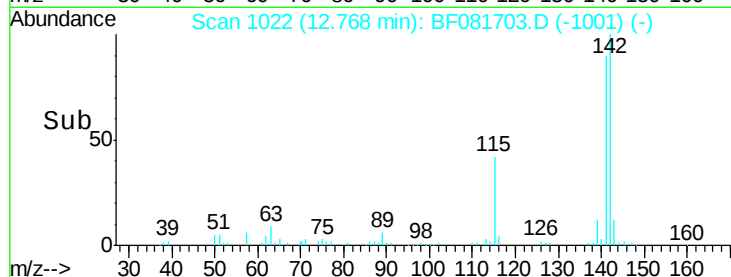


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

12.77



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.19 min Scan# 1234

Delta R.T. -0.07 min

Lab File: BF081703.D

Acq: 18 Sep 2015 18:41

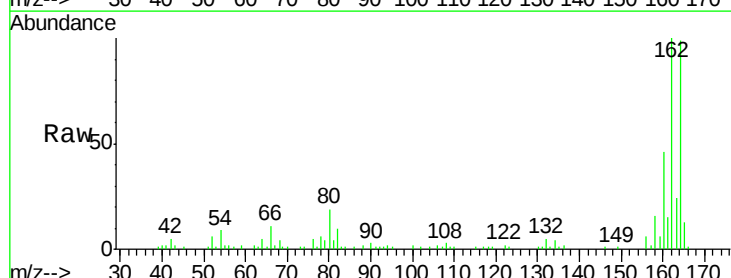
Tgt Ion:164 Resp: 85495

Ion Ratio Lower Upper

164 100

162 101.3 75.2 112.8

160 46.4 31.5 47.3

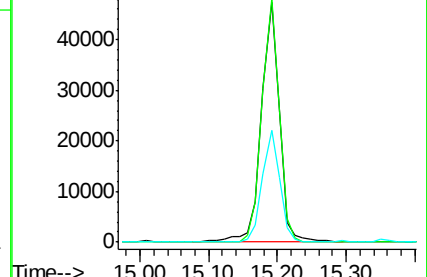
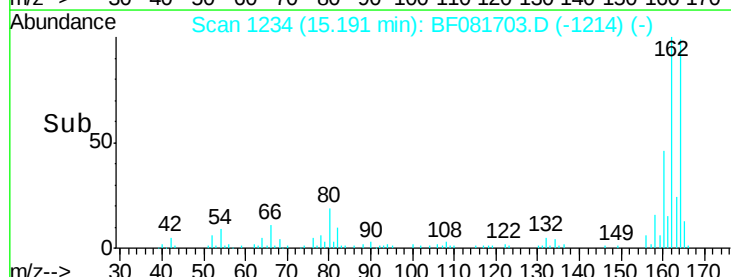


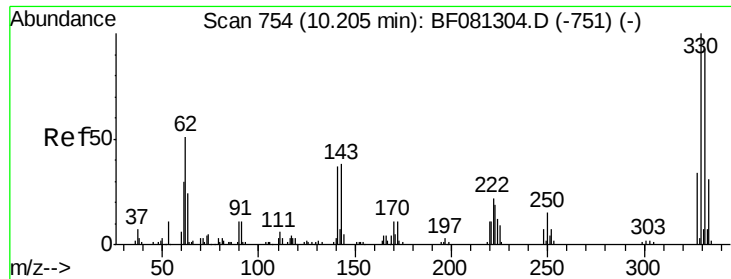
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

15.19

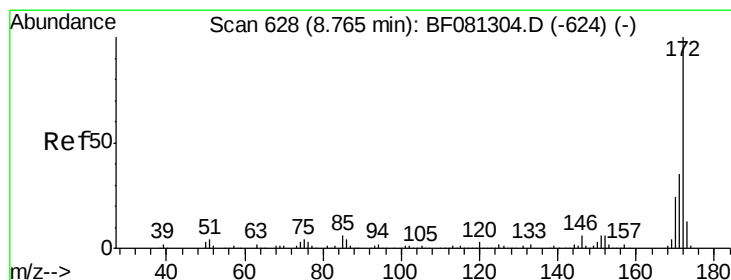
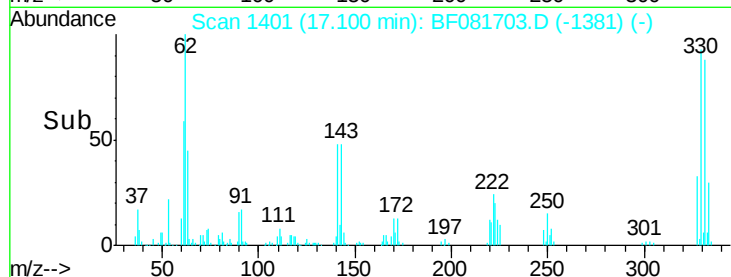
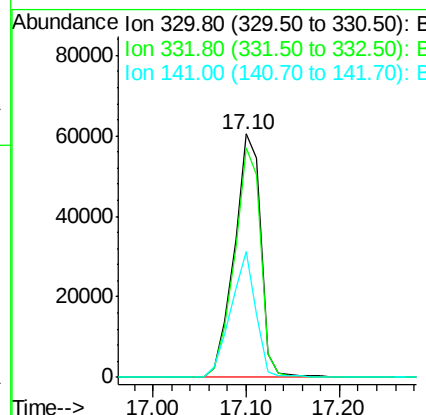
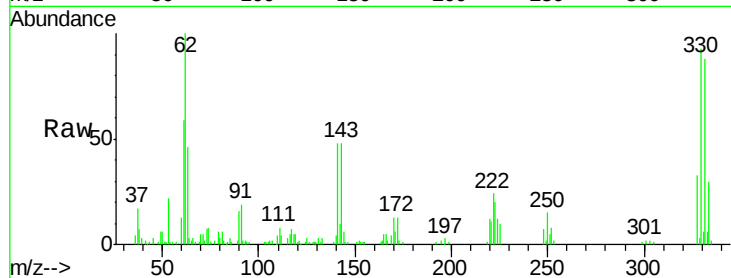




#41
 2,4,6-Tribromophenol
 Concen: 157.13 ng
 RT: 17.10 min Scan# 1401
 Delta R.T. -0.07 min
 Lab File: BF081703.D
 Acq: 18 Sep 2015 18:41

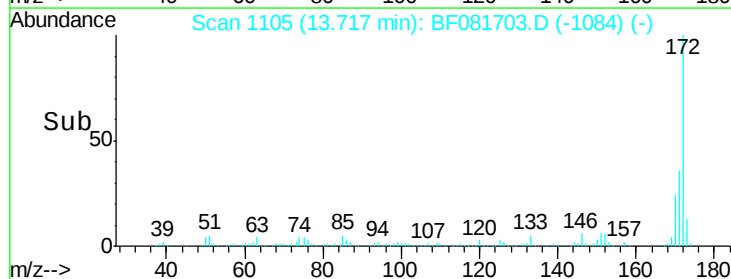
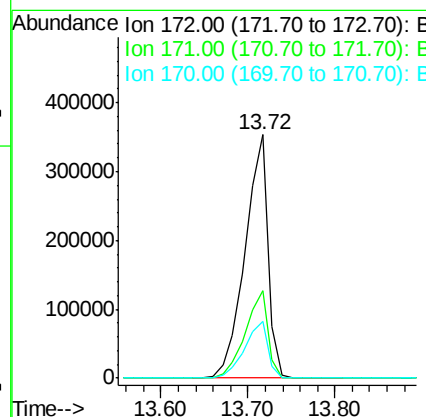
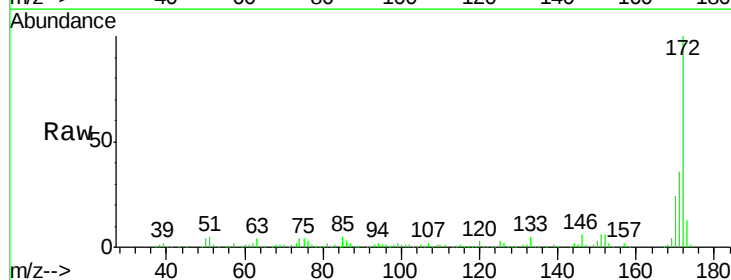
Instrument :
 BNA_F
 ClientSampleId :
 MW-8-9-15-15

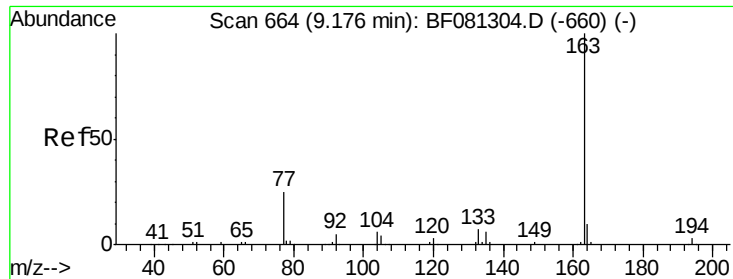
Tgt Ion: 330 Resp: 119616
 Ion Ratio Lower Upper
 330 100
 332 93.1 76.6 114.8
 141 48.6 29.7 44.5#



#44
 2-Fluorobiphenyl
 Concen: 97.71 ng
 RT: 13.72 min Scan# 1105
 Delta R.T. -0.06 min
 Lab File: BF081703.D
 Acq: 18 Sep 2015 18:41

Tgt Ion: 172 Resp: 651855
 Ion Ratio Lower Upper
 172 100
 171 35.7 26.1 39.1
 170 23.6 17.4 26.2





#49

Dimethylphthalate

Concen: 5.39 ng

RT: 14.77 min Scan# 1197

Delta R.T. -0.09 min

Lab File: BF081703.D

Acq: 18 Sep 2015 18:41

Instrument :

BNA_F

ClientSampleId :

MW-8-9-15-15

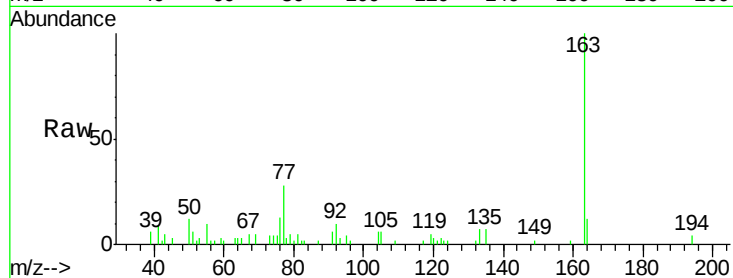
Tgt Ion:163 Resp: 35796

Ion Ratio Lower Upper

163 100

194 3.5 4.4 6.6#

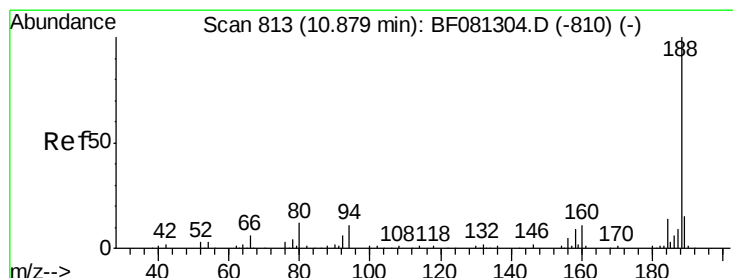
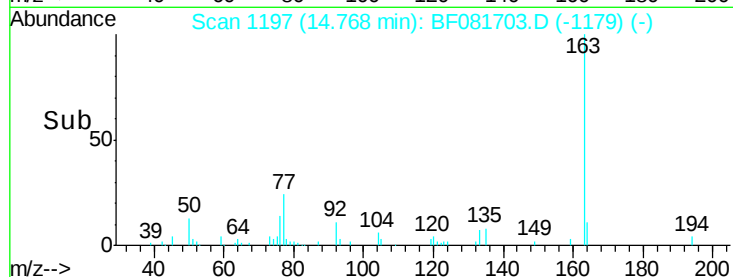
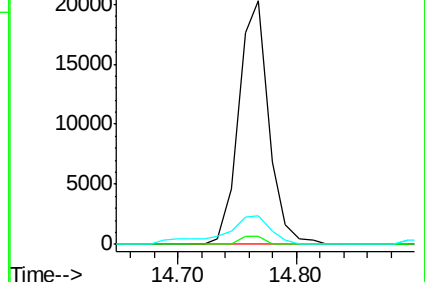
164 11.9 8.3 12.5



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 18.70 min Scan# 1541

Delta R.T. -0.06 min

Lab File: BF081703.D

Acq: 18 Sep 2015 18:41

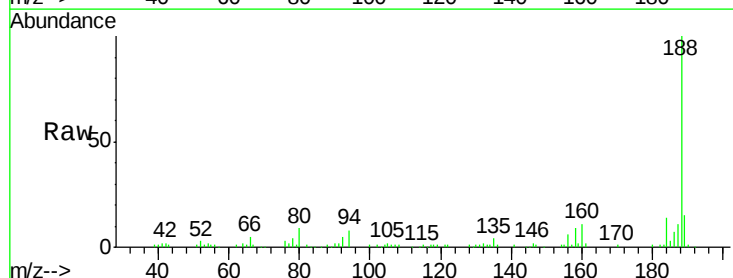
Tgt Ion:188 Resp: 155155

Ion Ratio Lower Upper

188 100

94 8.4 11.1 16.7#

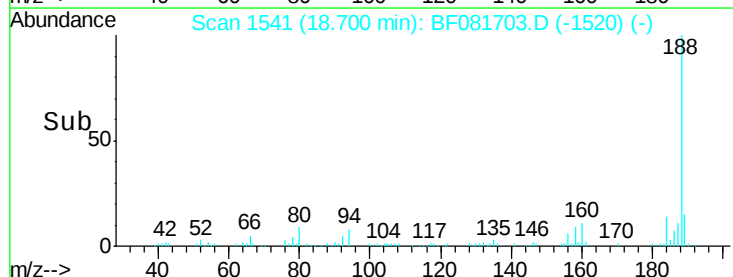
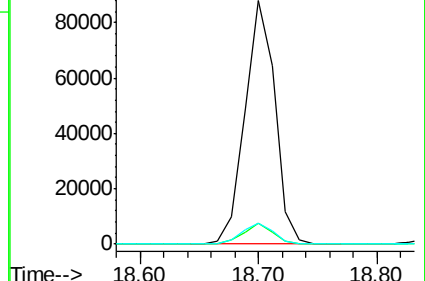
80 8.6 11.0 16.4#

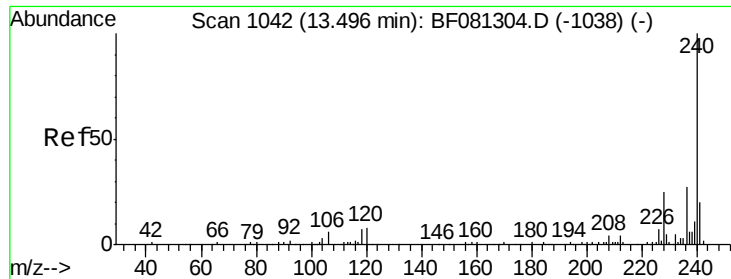


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 23.35 min Scan# 1948

Delta R.T. -0.03 min

Lab File: BF081703.D

Acq: 18 Sep 2015 18:41

Instrument :

BNA_F

ClientSampleId :

MW-8-9-15-15

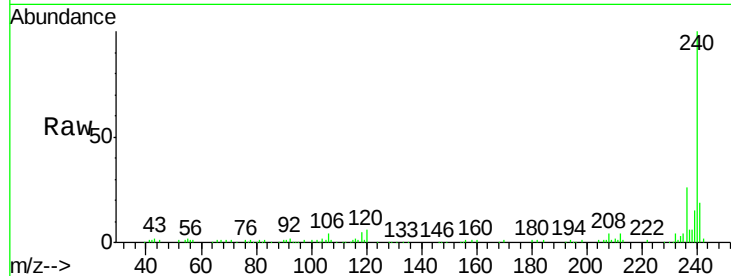
Tgt Ion:240 Resp: 123737

Ion Ratio Lower Upper

240 100

120 6.1 16.2 24.2#

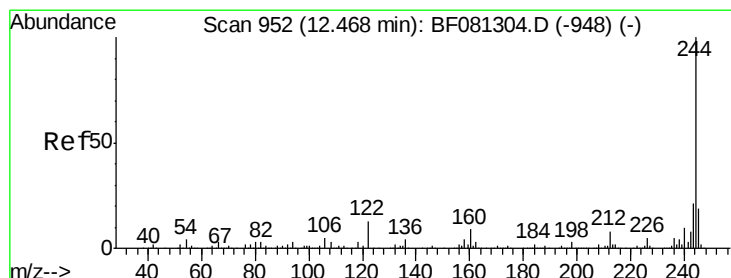
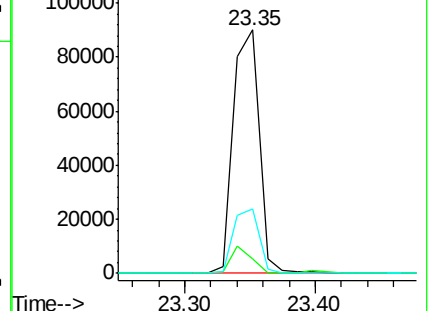
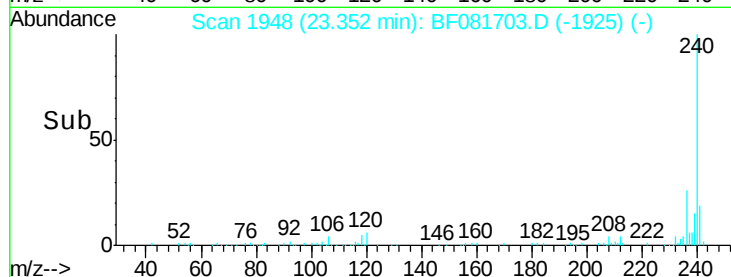
236 26.4 18.4 27.6



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: 111.75 ng

RT: 22.07 min Scan# 1836

Delta R.T. -0.04 min

Lab File: BF081703.D

Acq: 18 Sep 2015 18:41

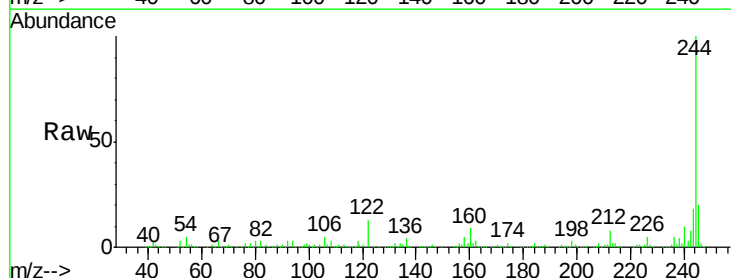
Tgt Ion:244 Resp: 594035

Ion Ratio Lower Upper

244 100

212 8.2 4.3 6.5#

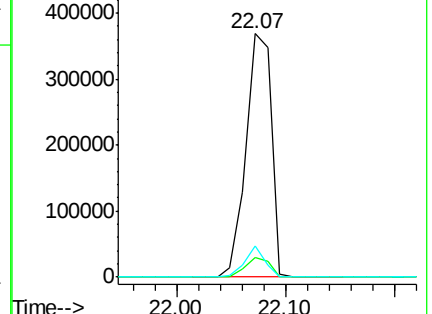
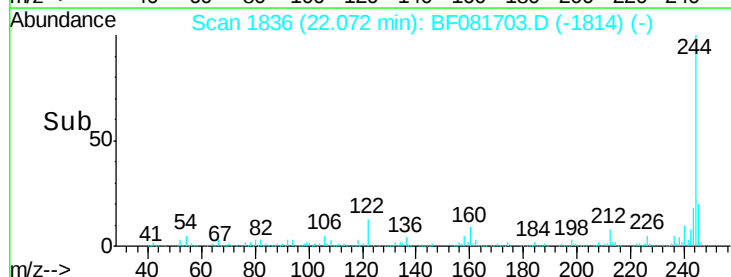
122 13.0 17.4 26.2#

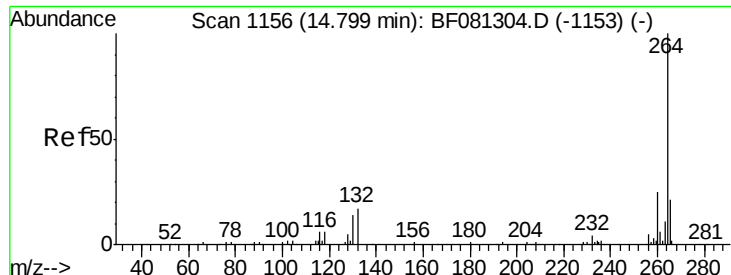


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF081703.D
Acq: 18 Sep 2015 18:41

Instrument :
BNA_F
ClientSampleId :
MW-8-9-15-15

Tgt Ion: 264 Resp: 85875
Ion Ratio Lower Upper
264 100
260 23.9 16.7 25.1
265 21.0 17.2 25.8

