

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060615\
 Data File : BF079775.D
 Acq On : 6 Jun 2015 18:12
 Operator : TP/IZ
 Sample : G2511-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Quant Time: Jun 08 18:33:50 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 08 15:29:07 2015
 Response via : Initial Calibration

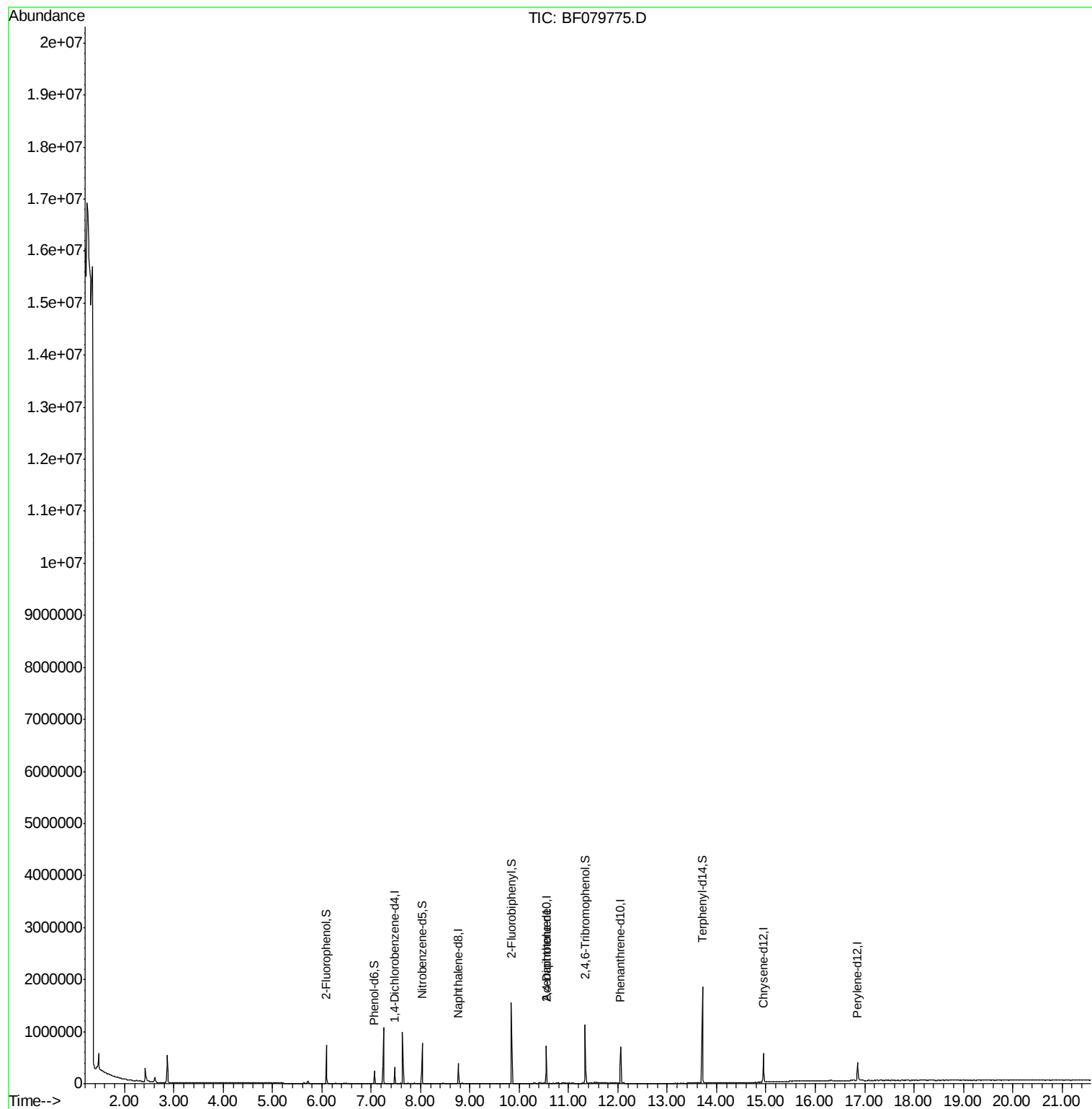
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	53677	20.00	ng	-0.02
21) Naphthalene-d8	8.76	136	208935	20.00	ng	-0.02
38) Acenaphthene-d10	10.55	164	143948	20.00	ng	-0.01
63) Phenanthrene-d10	12.06	188	282398	20.00	ng	-0.01
75) Chrysene-d12	14.95	240	224491	20.00	ng	0.01
86) Perylene-d12	16.86	264	203814	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.09	112	173681	54.23	ng	-0.01
7) Phenol-d6	7.06	99	100759	24.36	ng	-0.02
23) Nitrobenzene-d5	8.03	82	239968	70.51	ng	-0.01
41) 2,4,6-Tribromophenol	11.34	330	123520	89.72	ng	-0.02
44) 2-Fluorobiphenyl	9.84	172	535892	50.44	ng	-0.02
78) Terphenyl-d14	13.71	244	718660	73.32	ng	0.00
Target Compounds						
56) 2,4-Dinitrotoluene	10.55	165	13535	8.97	ng	Qvalue # 35

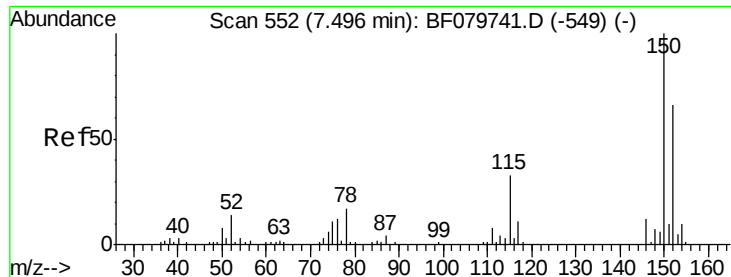
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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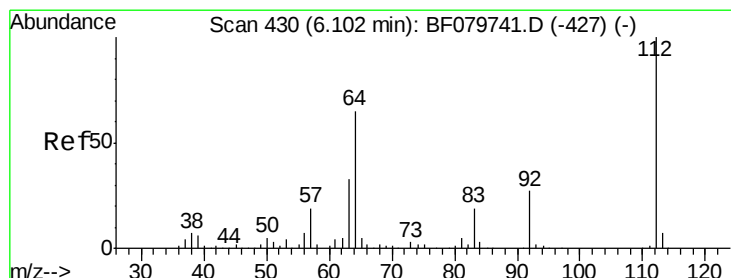
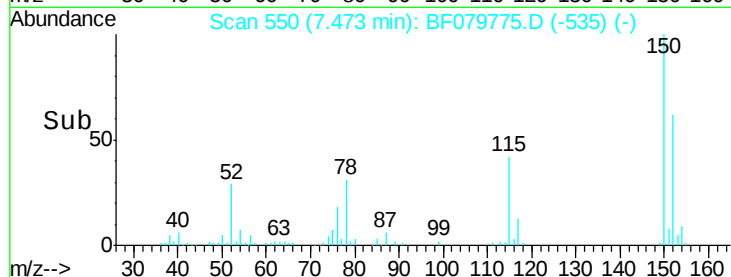
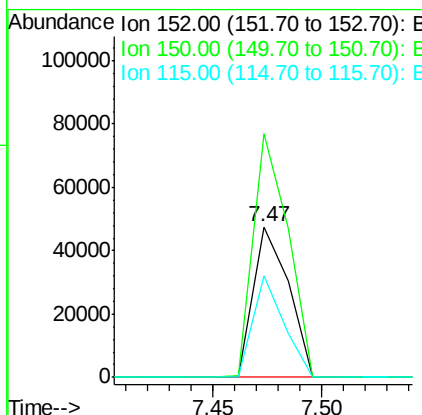
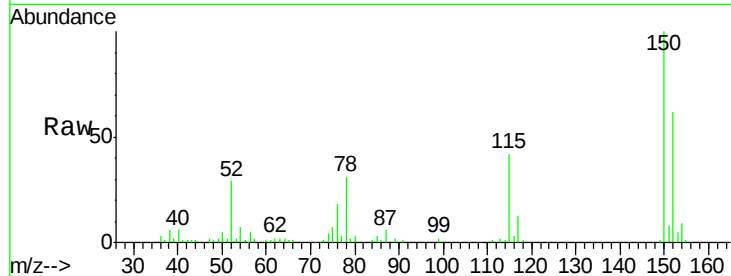


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.47 min Scan# 550
Delta R.T. -0.02 min
Lab File: BF079775.D
Acq: 6 Jun 2015 18:12

Instrument :
BNA_F
ClientSampleId :
MW-1

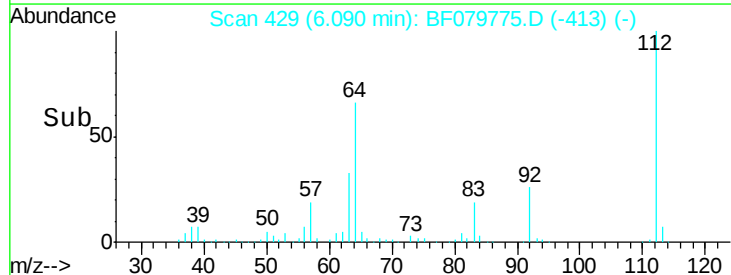
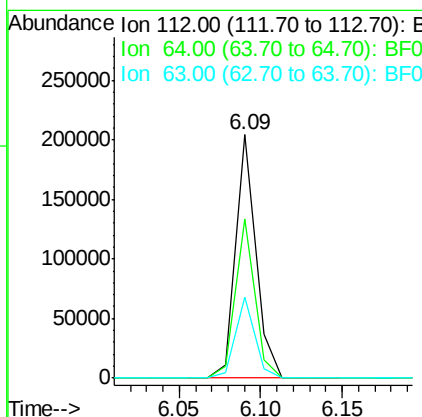
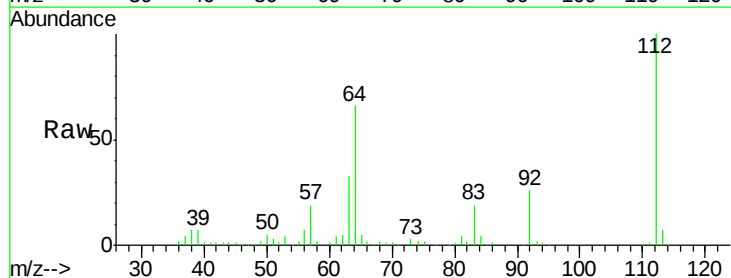
Tgt Ion:152 Resp: 53677
Ion Ratio Lower Upper
152 100
150 162.1 128.1 192.1
115 67.9 49.7 74.5

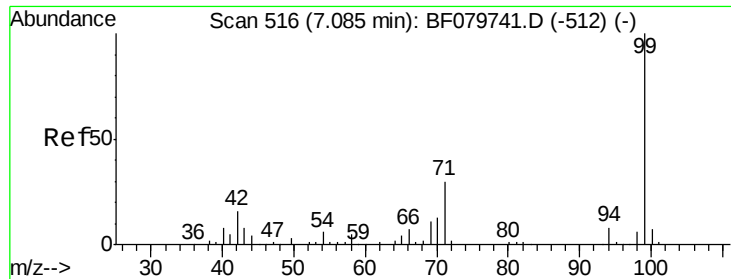


#5

2-Fluorophenol
Concen: 54.23 ng
RT: 6.09 min Scan# 429
Delta R.T. -0.01 min
Lab File: BF079775.D
Acq: 6 Jun 2015 18:12

Tgt Ion:112 Resp: 173681
Ion Ratio Lower Upper
112 100
64 65.6 49.6 74.4
63 33.1 24.9 37.3





#7

Phenol-d6

Concen: 24.36 ng

RT: 7.06 min Scan# 514

Delta R.T. -0.02 min

Lab File: BF079775.D

Acq: 6 Jun 2015 18:12

Instrument :

BNA_F

ClientSampleId :

MW-1

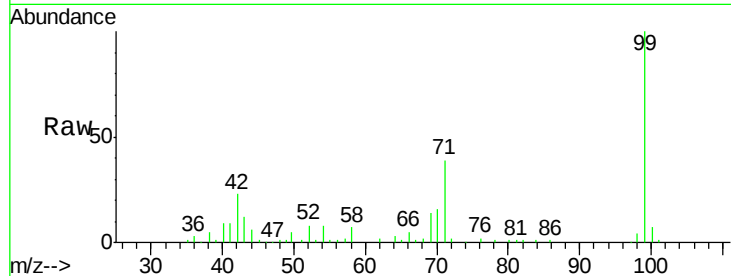
Tgt Ion: 99 Resp: 100759

Ion Ratio Lower Upper

99 100

42 22.6 18.0 27.0

71 38.7 28.4 42.6

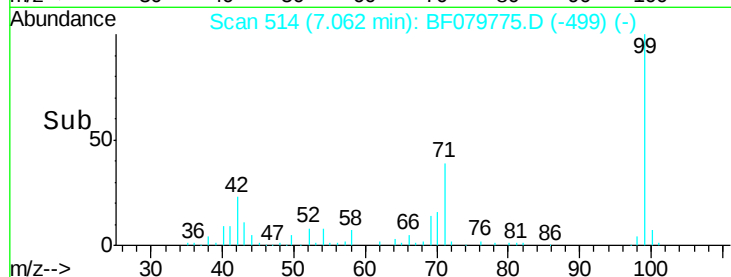


Abundance Ion 99.00 (98.70 to 99.70): BF0

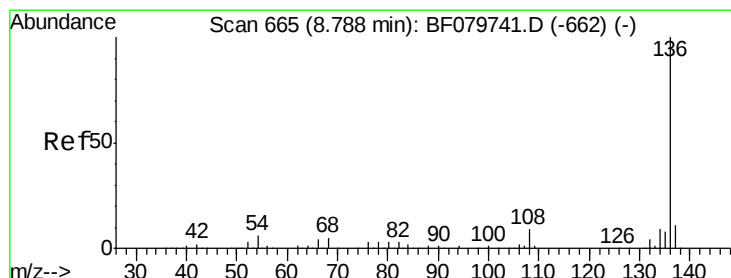
Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

Time-->



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.76 min Scan# 663

Delta R.T. -0.02 min

Lab File: BF079775.D

Acq: 6 Jun 2015 18:12

Tgt Ion: 136 Resp: 208935

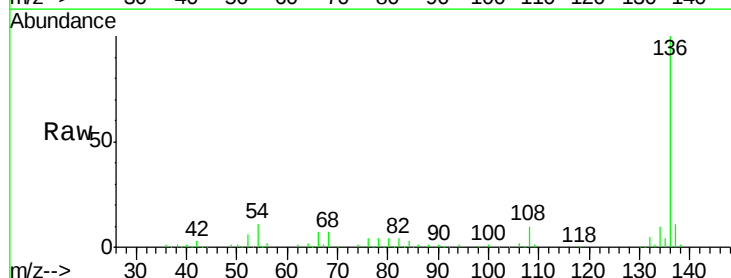
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 11.1 8.7 13.1

68 7.4 5.8 8.8



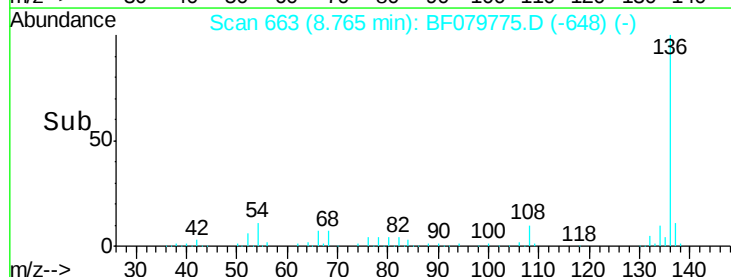
Abundance Ion 136.00 (135.70 to 136.70): E

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-->



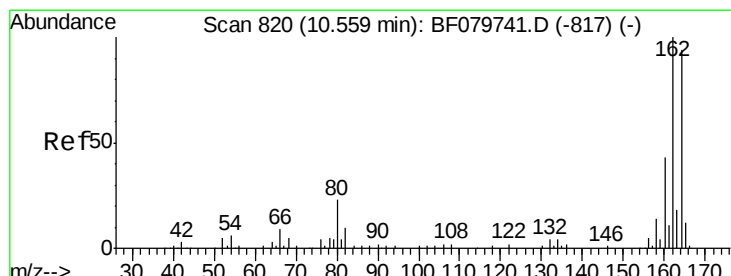
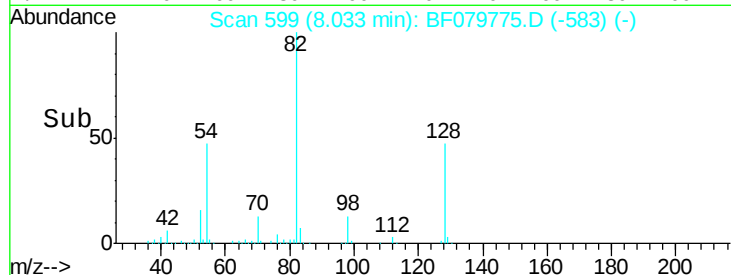
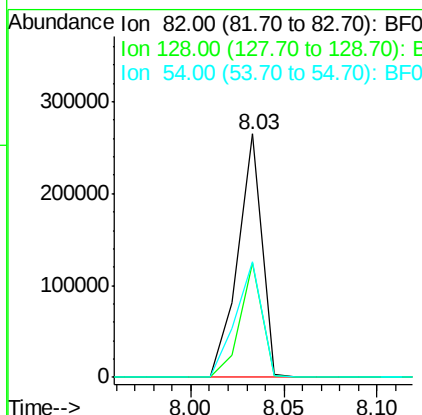
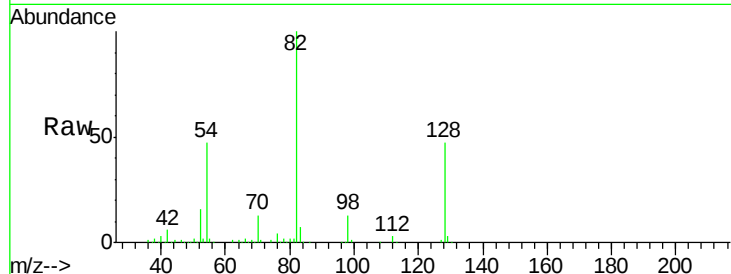
Time-->



#23
 Nitrobenzene-d5
 Concen: 70.51 ng
 RT: 8.03 min Scan# 599
 Delta R.T. -0.01 min
 Lab File: BF079775.D
 Acq: 6 Jun 2015 18:12

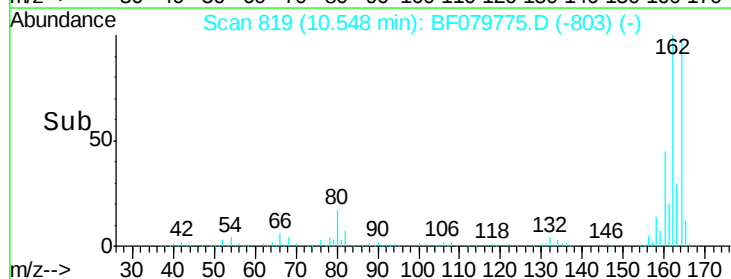
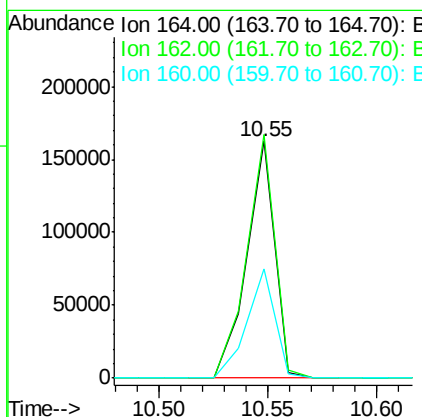
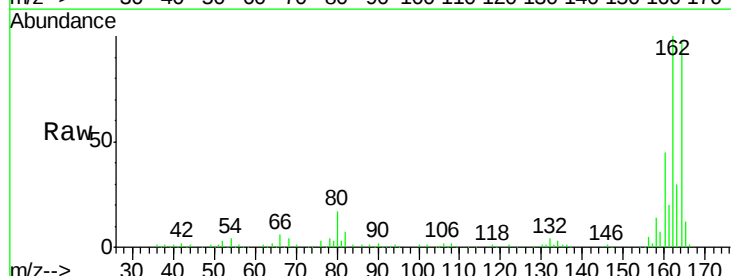
Instrument :
 BNA_F
 ClientSampleId :
 MW-1

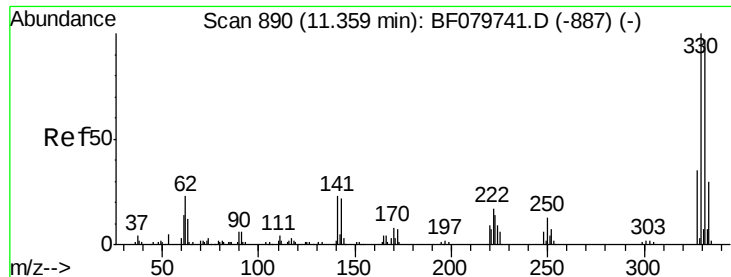
Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.0	37.6	56.4
54	47.3	39.4	59.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.55 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF079775.D
 Acq: 6 Jun 2015 18:12

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.6	123.8
160	46.3	36.8	55.2

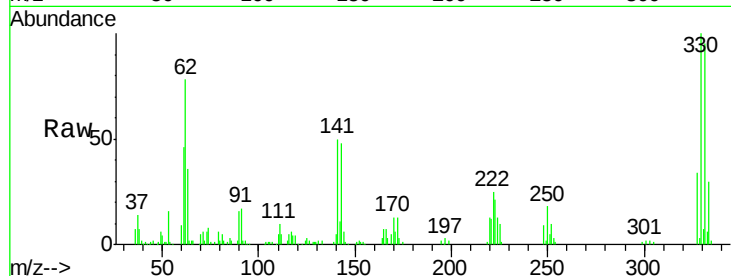




#41
 2,4,6-Tribromophenol
 Concen: 89.72 ng
 RT: 11.34 min Scan# 888
 Delta R.T. -0.02 min
 Lab File: BF079775.D
 Acq: 6 Jun 2015 18:12

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.3	77.4	116.0
141	37.5	30.2	45.2

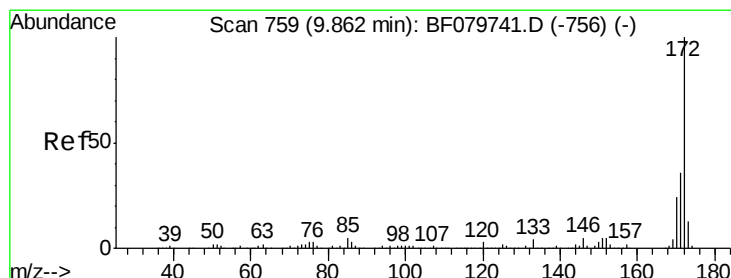
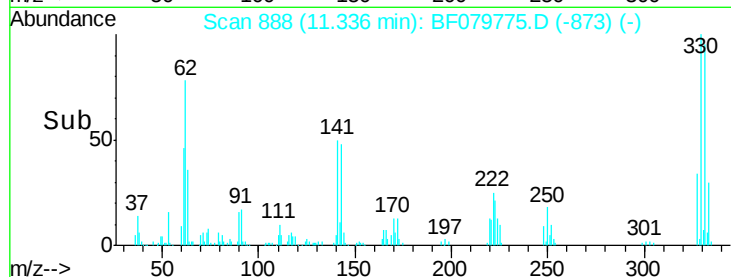
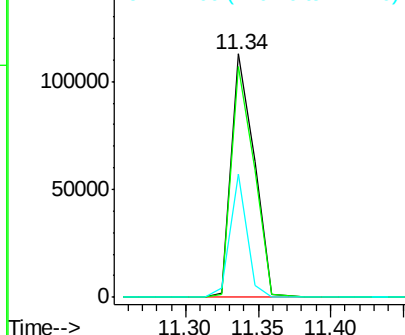


Abundance

Ion 329.80 (329.50 to 330.50): E

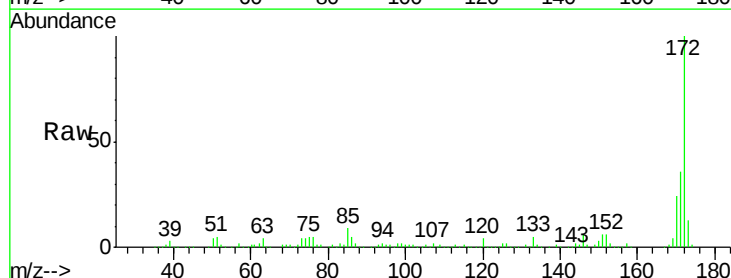
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 50.44 ng
 RT: 9.84 min Scan# 757
 Delta R.T. -0.02 min
 Lab File: BF079775.D
 Acq: 6 Jun 2015 18:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.4	44.0
170	24.0	19.7	29.5

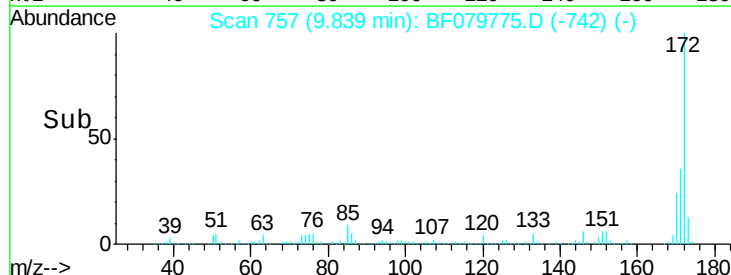
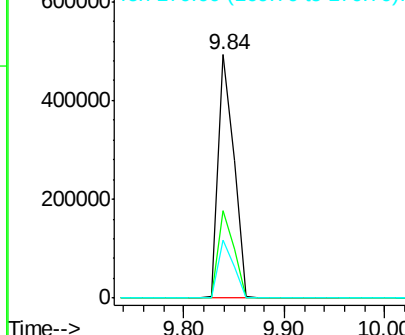


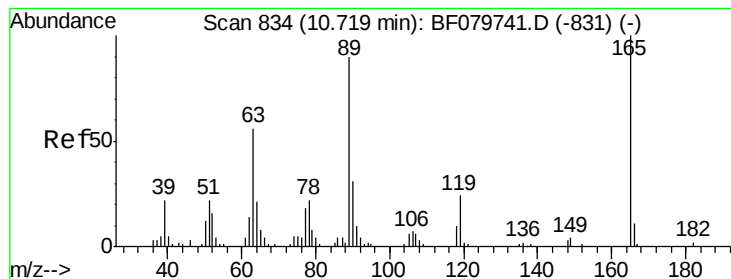
Abundance

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





#56

2,4-Dinitrotoluene

Concen: 8.97 ng

RT: 10.55 min Scan# 819

Delta R.T. -0.17 min

Lab File: BF079775.D

Acq: 6 Jun 2015 18:12

Instrument :

BNA_F

ClientSampleId :

MW-1

Tgt Ion:165 Resp: 13535

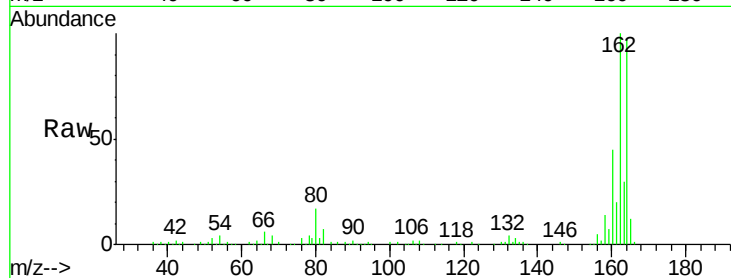
Ion Ratio Lower Upper

165 100

63 1.9 24.7 37.1#

89 2.3 45.7 68.5#

182 0.0 1.8 2.8#

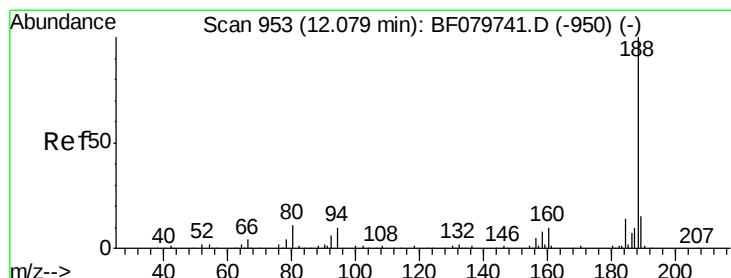
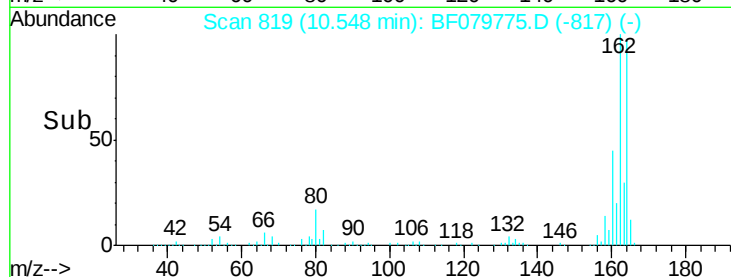
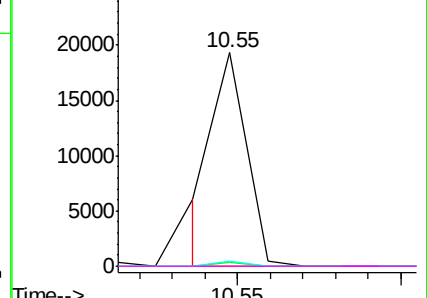


Abundance Ion 165.00 (164.70 to 165.70): E

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: 12.06 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF079775.D

Acq: 6 Jun 2015 18:12

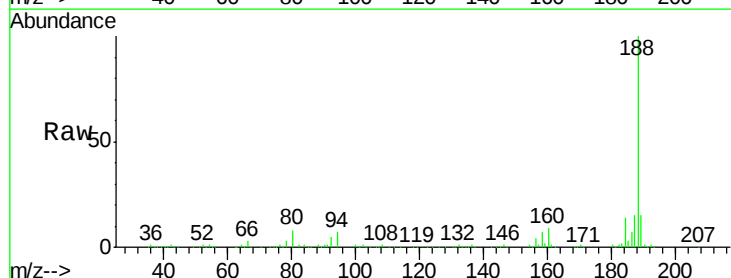
Tgt Ion:188 Resp: 282398

Ion Ratio Lower Upper

188 100

94 6.8 5.0 7.4

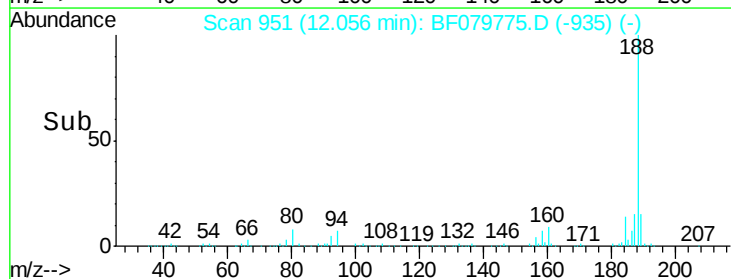
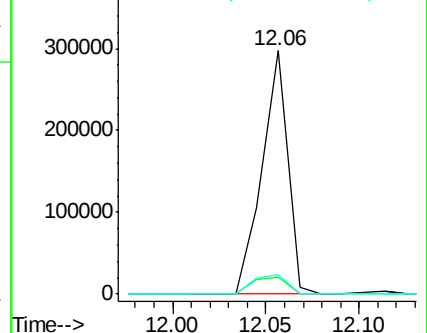
80 7.9 5.3 7.9

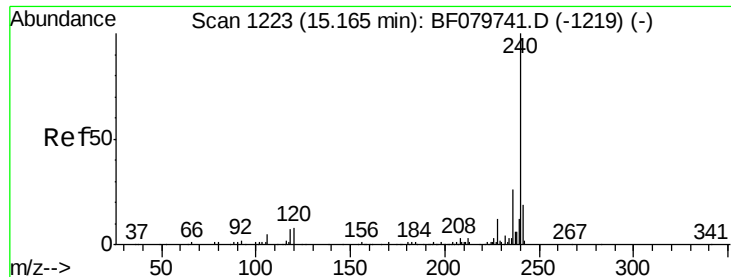


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.95 min Scan# 1204

Delta R.T. 0.01 min

Lab File: BF079775.D

Acq: 6 Jun 2015 18:12

Instrument :

BNA_F

ClientSampled :

MW-1

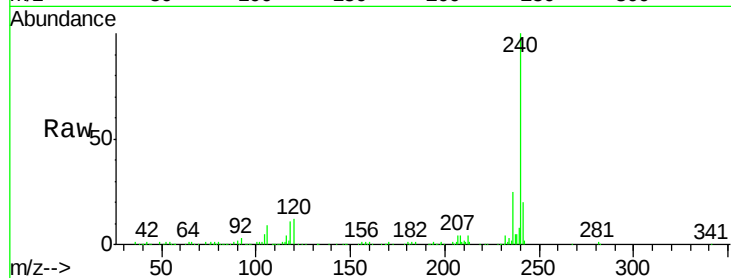
Tgt Ion:240 Resp: 224491

Ion Ratio Lower Upper

240 100

120 12.2 6.2 9.2#

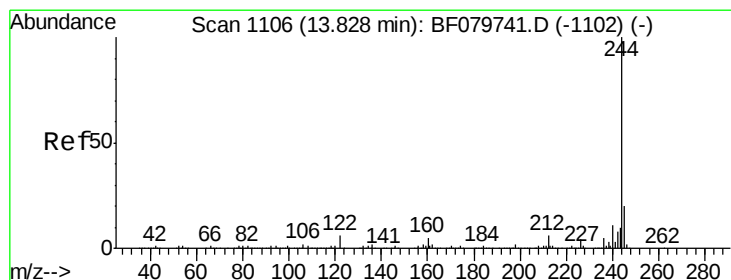
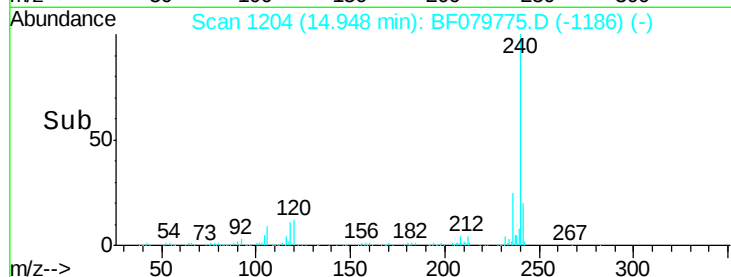
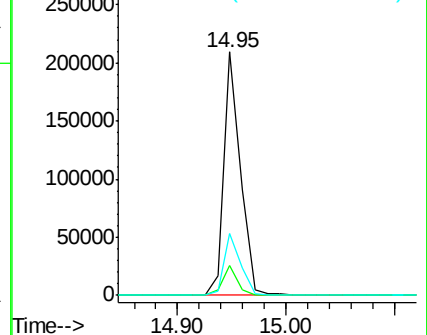
236 25.2 21.0 31.4



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: 73.32 ng

RT: 13.71 min Scan# 1096

Delta R.T. -0.00 min

Lab File: BF079775.D

Acq: 6 Jun 2015 18:12

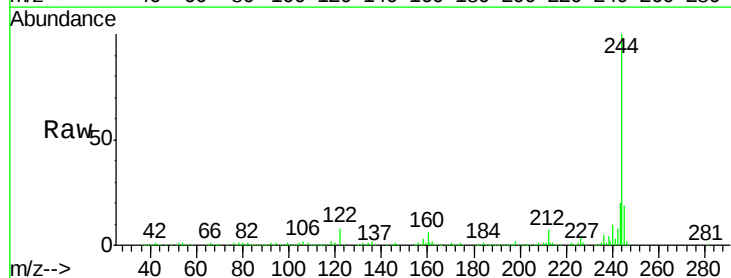
Tgt Ion:244 Resp: 718660

Ion Ratio Lower Upper

244 100

212 6.6 6.1 9.1

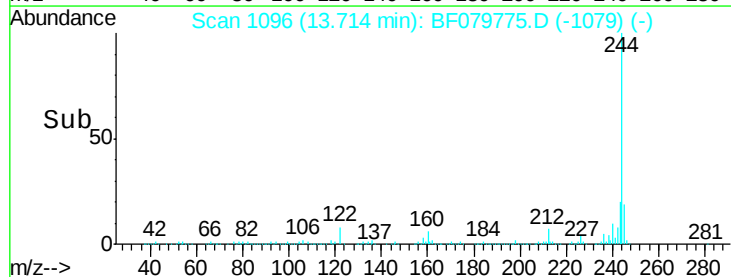
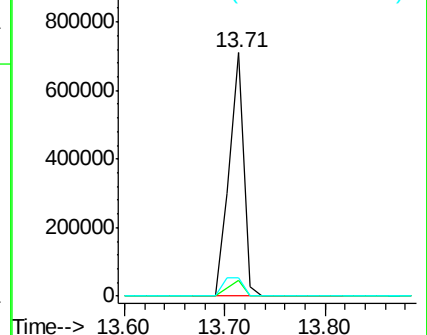
122 7.7 9.3 13.9#

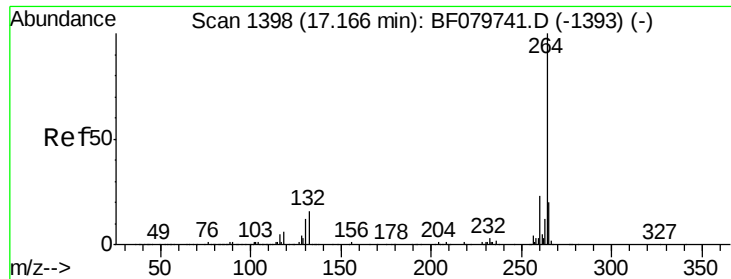


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

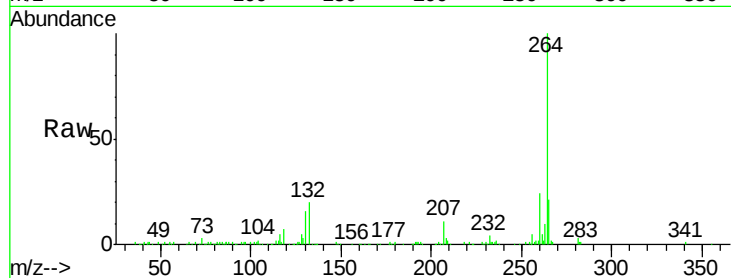




#86
Perylene-d12
Concen: 20.00 ng
RT: 16.86 min Scan# 1371
Delta R.T. 0.03 min
Lab File: BF079775.D
Acq: 6 Jun 2015 18:12

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion: 264 Resp: 203814
Ion Ratio Lower Upper
264 100
260 23.9 18.6 27.8
265 21.4 18.2 27.4



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

