

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060615\
 Data File : BF079770.D
 Acq On : 6 Jun 2015 15:48
 Operator : TP/IZ
 Sample : PB83804BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83804BL

Quant Time: Jun 08 18:32:13 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

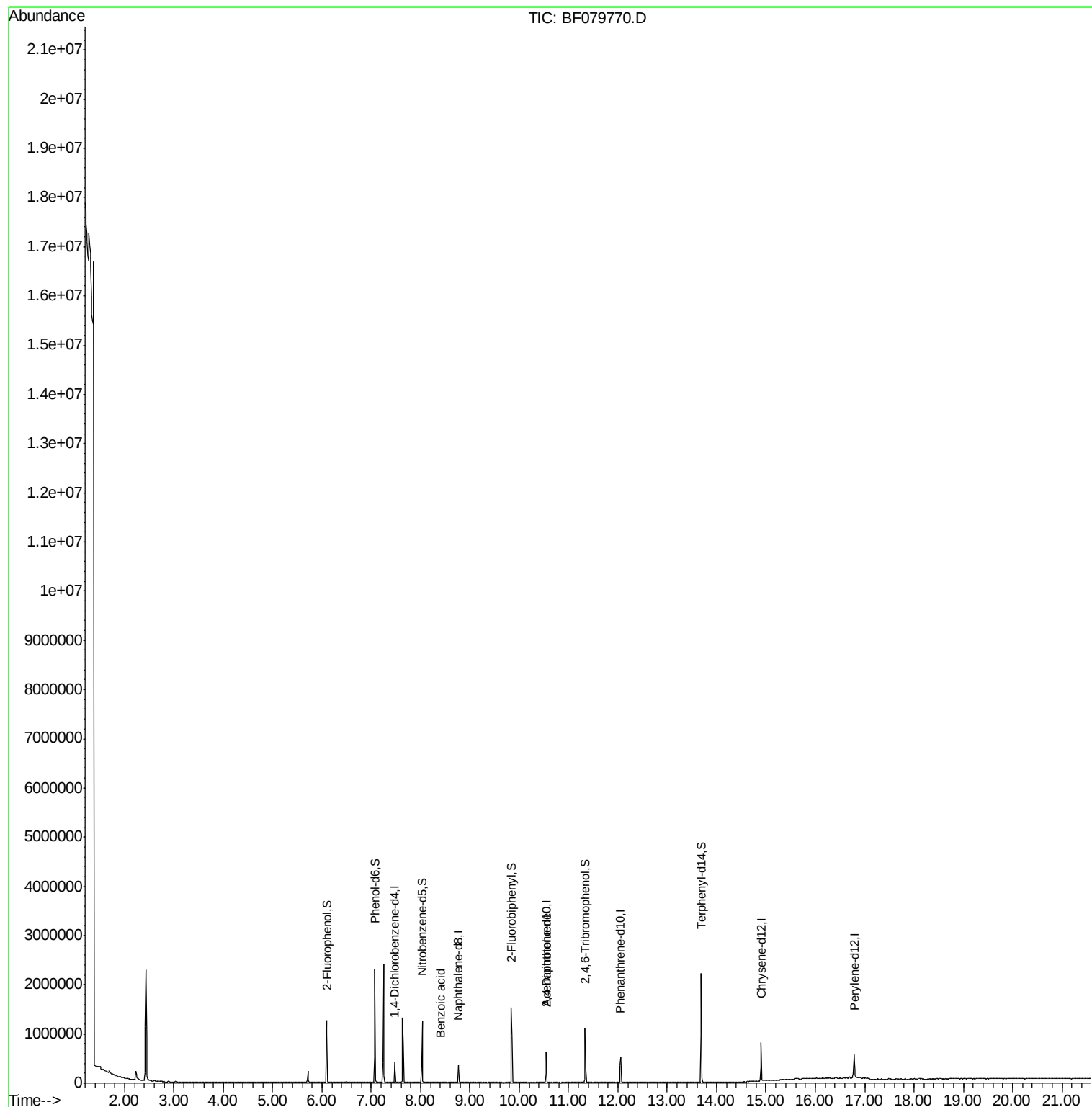
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	79269	20.00	ng	-0.02
21) Naphthalene-d8	8.76	136	232478	20.00	ng	-0.02
38) Acenaphthene-d10	10.55	164	127325	20.00	ng	-0.01
63) Phenanthrene-d10	12.06	188	249237	20.00	ng	-0.01
75) Chrysene-d12	14.90	240	307131	20.00	ng	-0.03
86) Perylene-d12	16.79	264	292469	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.10	112	452946	95.77	ng	0.00
7) Phenol-d6	7.07	99	716375	117.27	ng	-0.01
23) Nitrobenzene-d5	8.03	82	362306	95.68	ng	-0.01
41) 2,4,6-Tribromophenol	11.34	330	121408	99.70	ng	-0.02
44) 2-Fluorobiphenyl	9.84	172	607810	64.67	ng	-0.02
78) Terphenyl-d14	13.69	244	800516	59.69	ng	-0.02
Target Compounds						
32) Benzoic acid	8.41	122	250	4.14	ng	# 75
56) 2,4-Dinitrotoluene	10.55	165	12308	9.16	ng	# 32

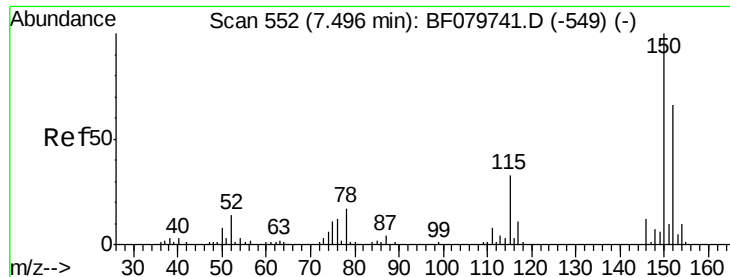
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF079770.D

Acq: 6 Jun 2015 15:48

Instrument :

BNA_F

ClientSampleId :

PB83804BL

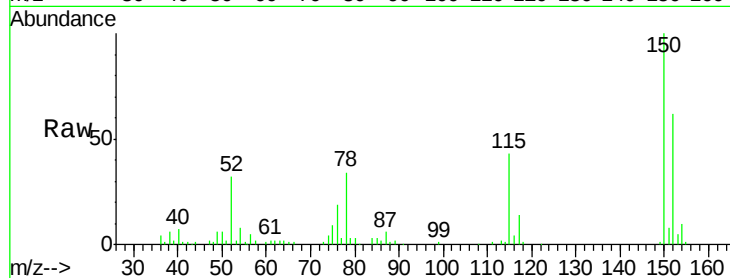
Tgt Ion:152 Resp: 79269

Ion Ratio Lower Upper

152 100

150 160.9 128.1 192.1

115 68.8 49.7 74.5

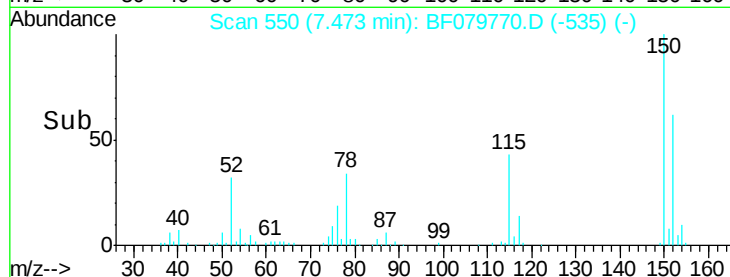


Abundance Ion 152.00 (151.70 to 152.70): E

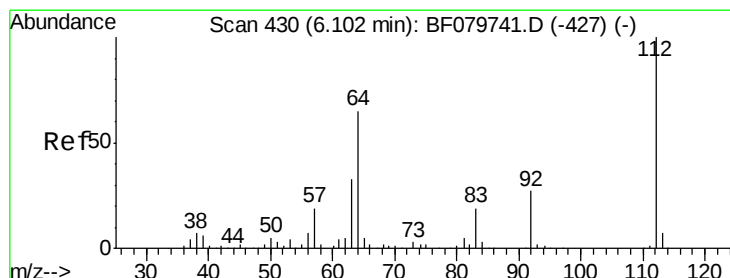
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

Time--> 7.40 7.45 7.50



Time--> 7.40 7.45 7.50



#5

2-Fluorophenol

Concen: 95.77 ng

RT: 6.10 min Scan# 430

Delta R.T. -0.00 min

Lab File: BF079770.D

Acq: 6 Jun 2015 15:48

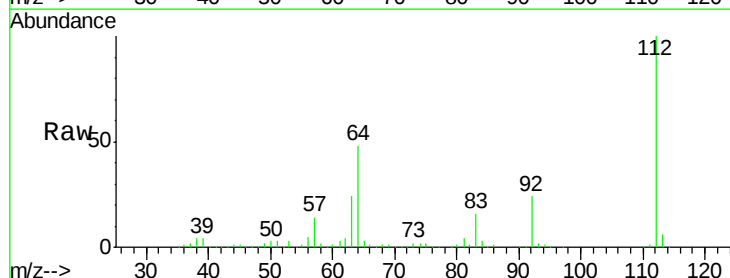
Tgt Ion:112 Resp: 452946

Ion Ratio Lower Upper

112 100

64 48.3 49.6 74.4#

63 24.2 24.9 37.3#

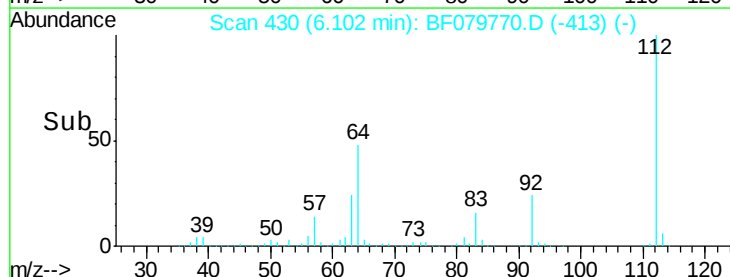


Abundance Ion 112.00 (111.70 to 112.70): E

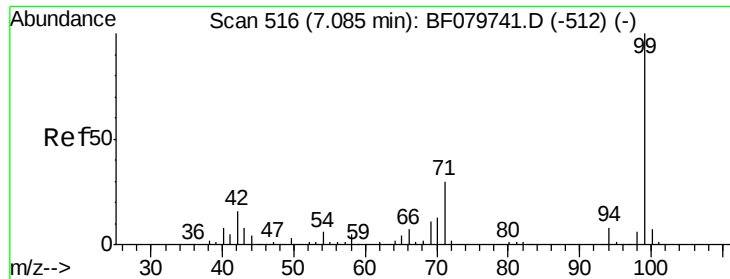
Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Time--> 6.00 6.05 6.10 6.15 6.20



Time--> 6.00 6.05 6.10 6.15 6.20



#7

Phenol-d6

Concen: 117.27 ng

RT: 7.07 min Scan# 515

Delta R.T. -0.01 min

Lab File: BF079770.D

Acq: 6 Jun 2015 15:48

Instrument :

BNA_F

ClientSampleId :

PB83804BL

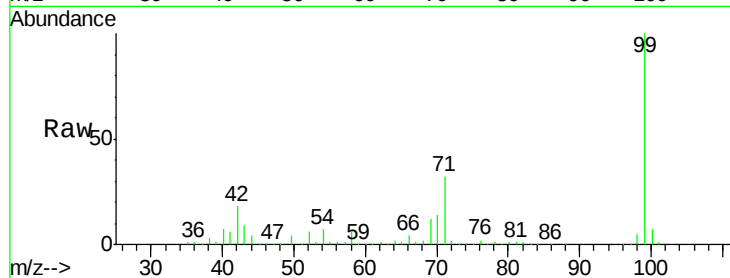
Tgt Ion: 99 Resp: 716375

Ion Ratio Lower Upper

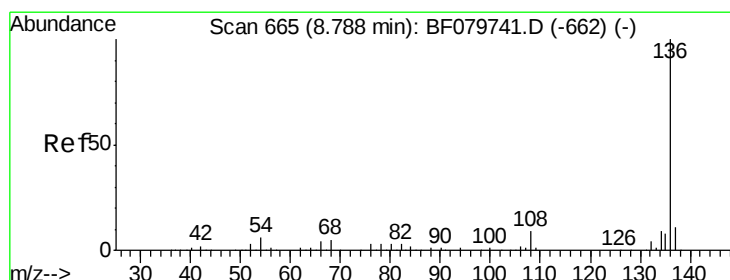
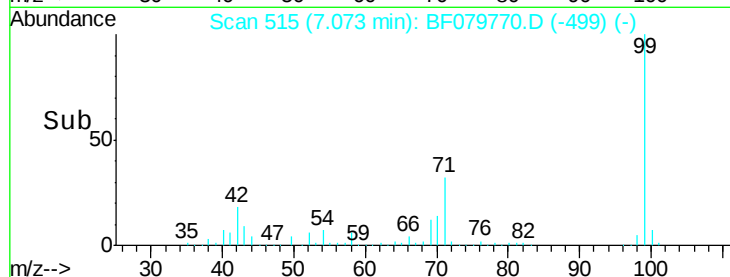
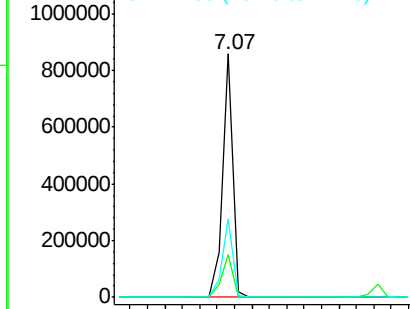
99 100

42 17.7 18.0 27.0#

71 32.0 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.76 min Scan# 663

Delta R.T. -0.02 min

Lab File: BF079770.D

Acq: 6 Jun 2015 15:48

Tgt Ion: 136 Resp: 232478

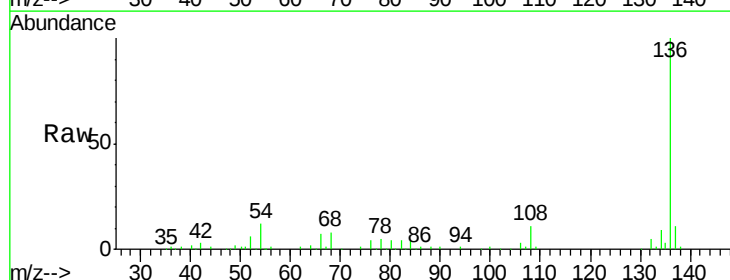
Ion Ratio Lower Upper

136 100

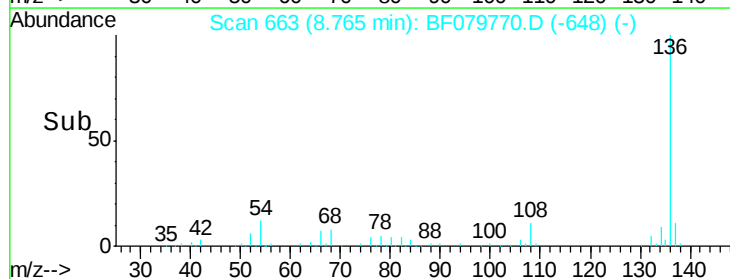
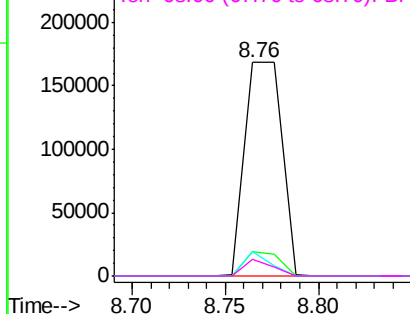
137 11.4 8.8 13.2

54 11.7 8.7 13.1

68 7.7 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





#23

Nitrobenzene-d5

Concen: 95.68 ng

RT: 8.03 min Scan# 599

Delta R.T. -0.01 min

Lab File: BF079770.D

Acq: 6 Jun 2015 15:48

Instrument :

BNA_F

ClientSampleId :

PB83804BL

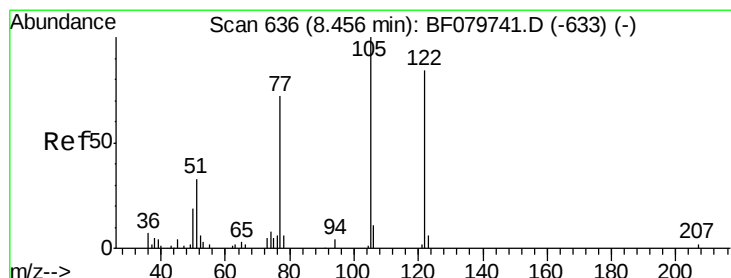
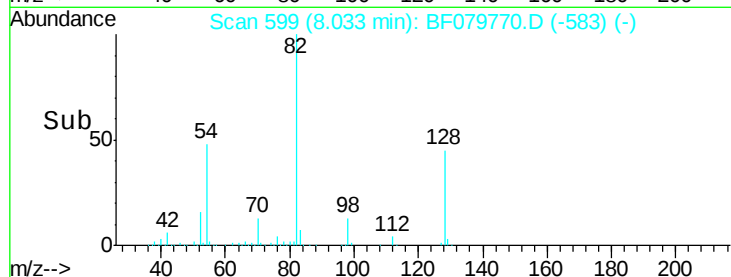
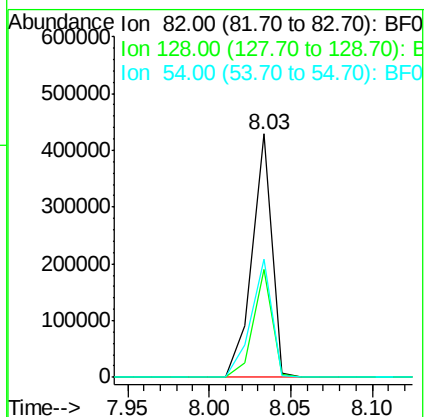
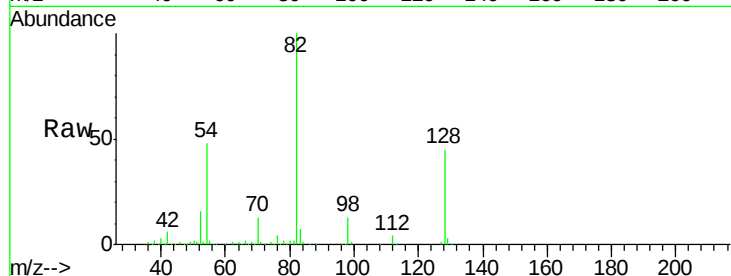
Tgt Ion: 82 Resp: 362306

Ion Ratio Lower Upper

82 100

128 44.6 37.6 56.4

54 48.3 39.4 59.2



#32

Benzoic acid

Concen: 4.14 ng

RT: 8.41 min Scan# 632

Delta R.T. -0.05 min

Lab File: BF079770.D

Acq: 6 Jun 2015 15:48

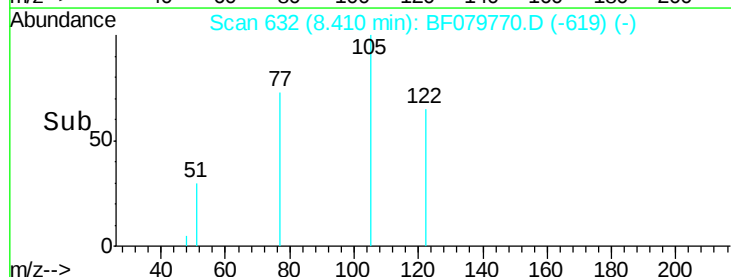
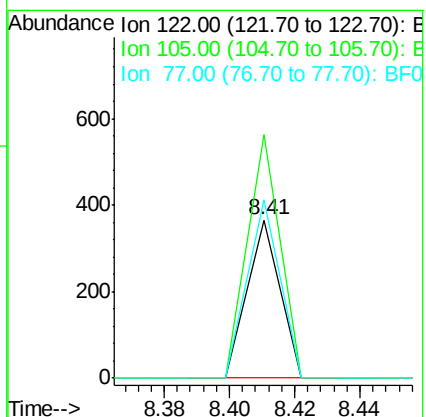
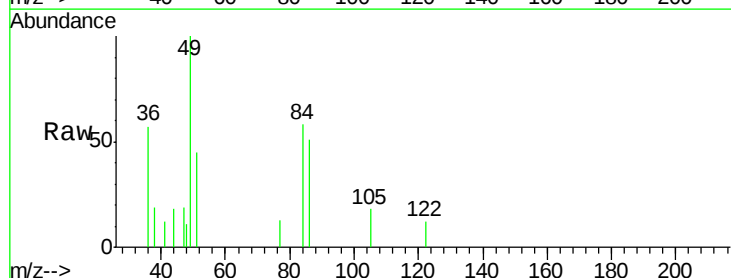
Tgt Ion: 122 Resp: 250

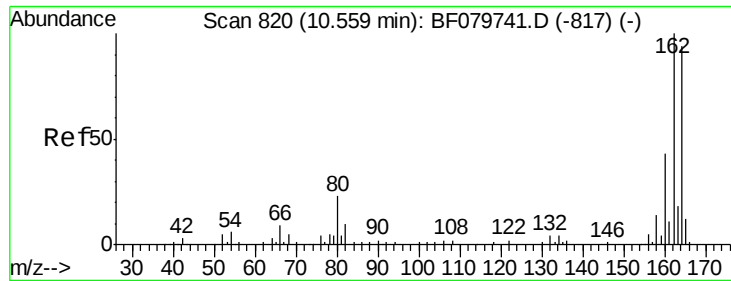
Ion Ratio Lower Upper

122 100

105 154.2 106.7 146.7#

77 112.6 68.9 108.9#

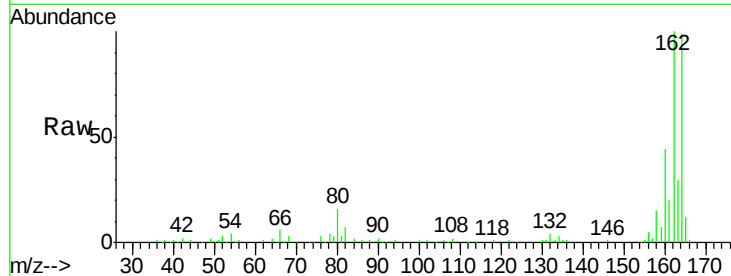




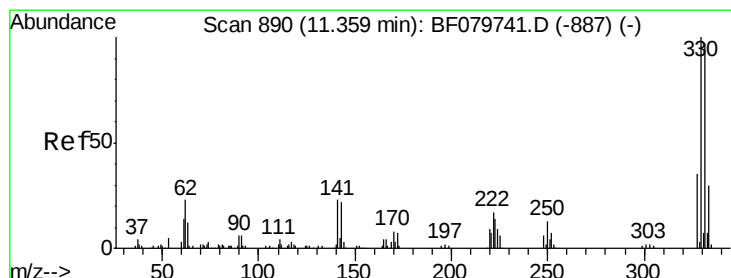
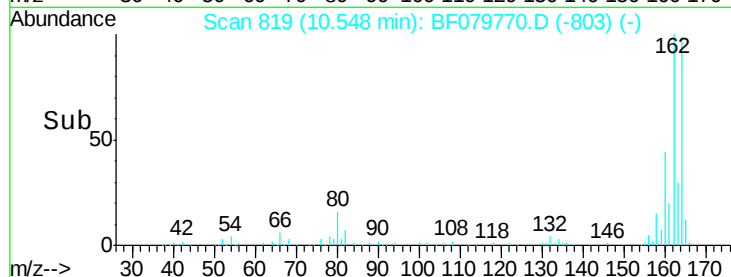
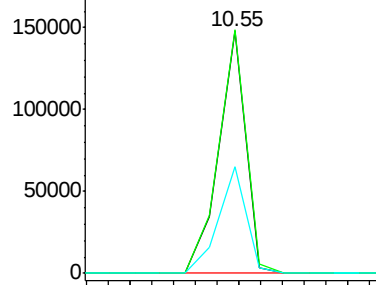
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.55 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF079770.D
 Acq: 6 Jun 2015 15:48

Instrument :
 BNA_F
 ClientSampleId :
 PB83804BL

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.7	82.6	123.8
160	43.9	36.8	55.2

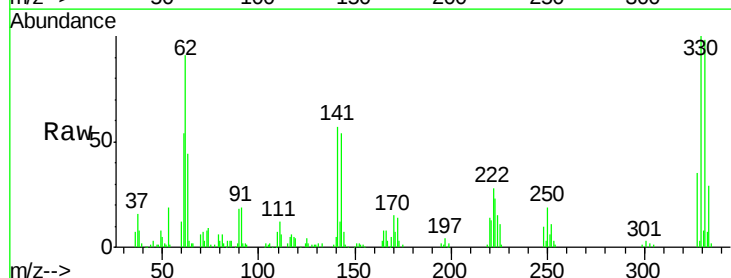


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

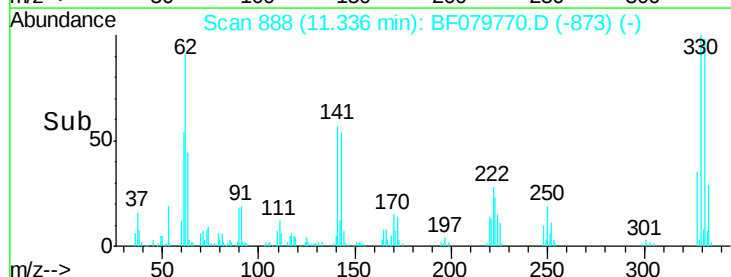
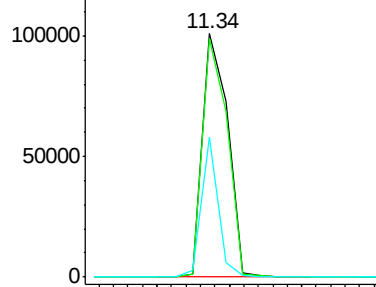


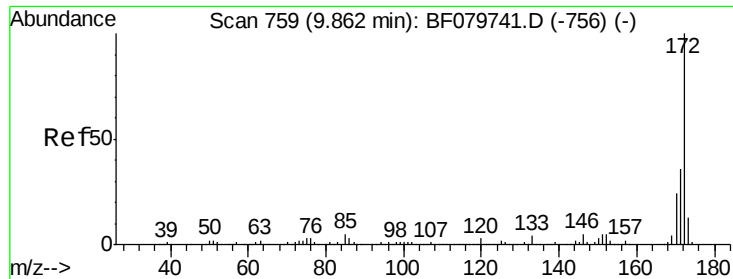
#41
 2,4,6-Tribromophenol
 Concen: 99.70 ng
 RT: 11.34 min Scan# 888
 Delta R.T. -0.02 min
 Lab File: BF079770.D
 Acq: 6 Jun 2015 15:48

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.4	116.0
141	38.1	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

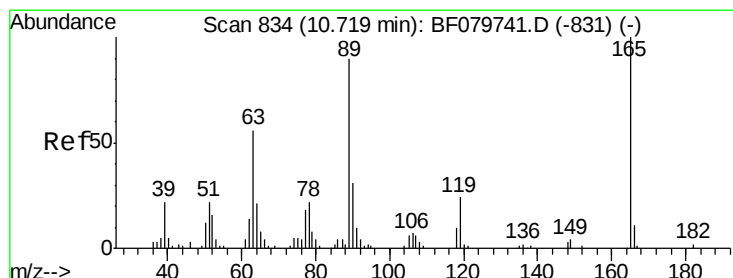
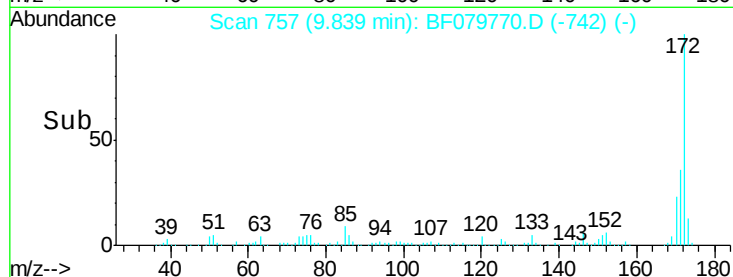
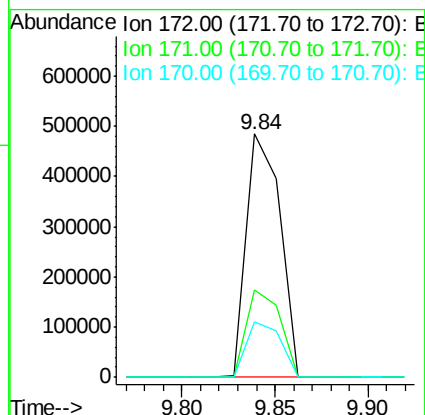
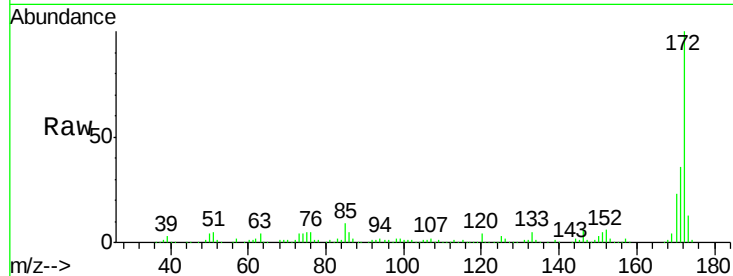




#44
 2-Fluorobiphenyl
 Concen: 64.67 ng
 RT: 9.84 min Scan# 757
 Delta R.T. -0.02 min
 Lab File: BF079770.D
 Acq: 6 Jun 2015 15:48

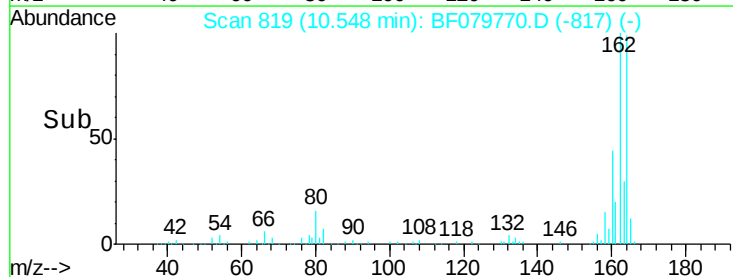
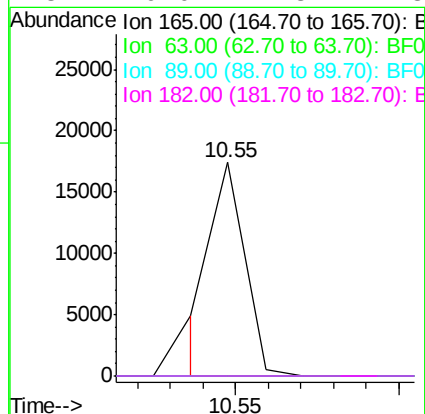
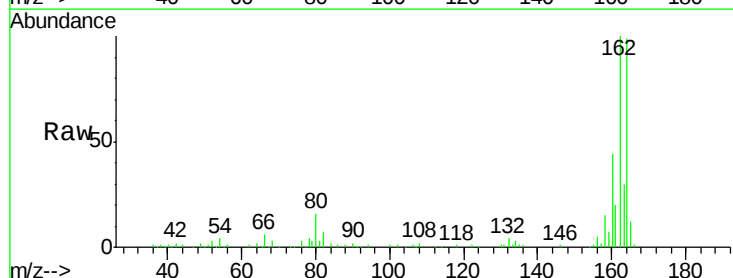
Instrument :
 BNA_F
 ClientSampleId :
 PB83804BL

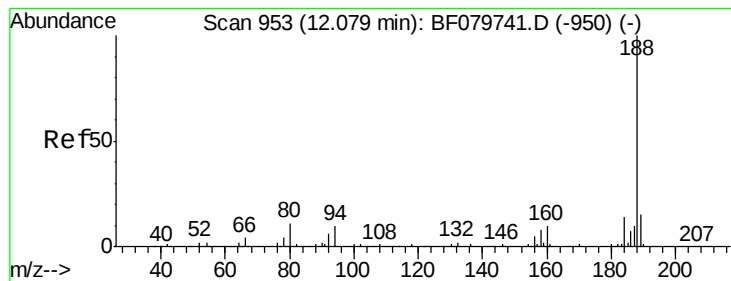
Tgt Ion:172 Resp: 607810
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.4 44.0
 170 22.9 19.7 29.5



#56
 2,4-Dinitrotoluene
 Concen: 9.16 ng
 RT: 10.55 min Scan# 819
 Delta R.T. -0.17 min
 Lab File: BF079770.D
 Acq: 6 Jun 2015 15:48

Tgt Ion:165 Resp: 12308
 Ion Ratio Lower Upper
 165 100
 63 0.0 24.7 37.1#
 89 0.0 45.7 68.5#
 182 0.0 1.8 2.8#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.06 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF079770.D

Acq: 6 Jun 2015 15:48

Instrument :

BNA_F

ClientSampleId :

PB83804BL

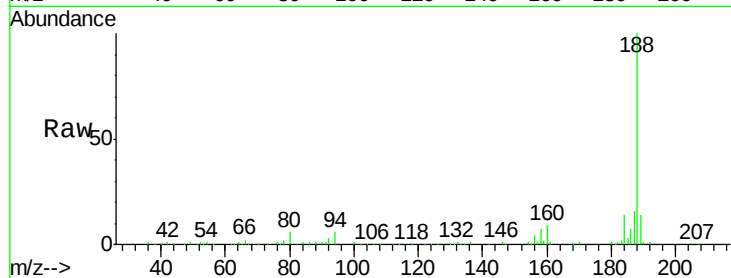
Tgt Ion:188 Resp: 249237

Ion Ratio Lower Upper

188 100

94 6.3 5.0 7.4

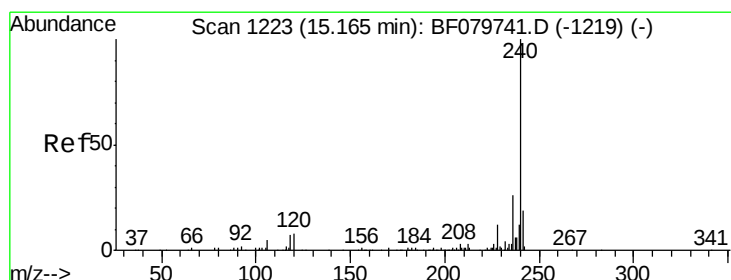
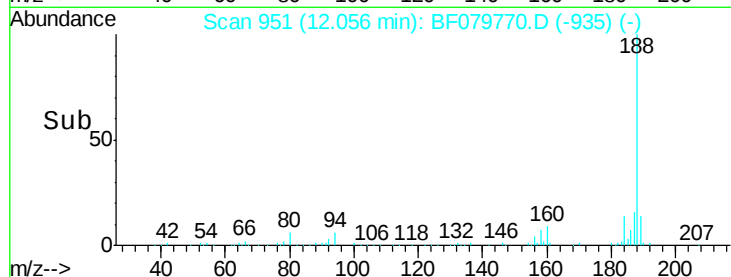
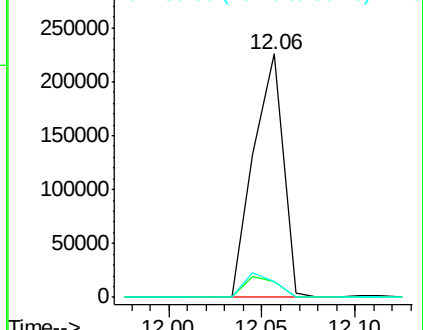
80 6.3 5.3 7.9



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: 14.90 min Scan# 1200

Delta R.T. -0.03 min

Lab File: BF079770.D

Acq: 6 Jun 2015 15:48

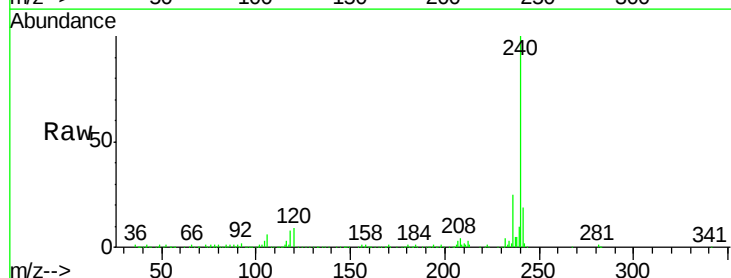
Tgt Ion:240 Resp: 307131

Ion Ratio Lower Upper

240 100

120 9.3 6.2 9.2#

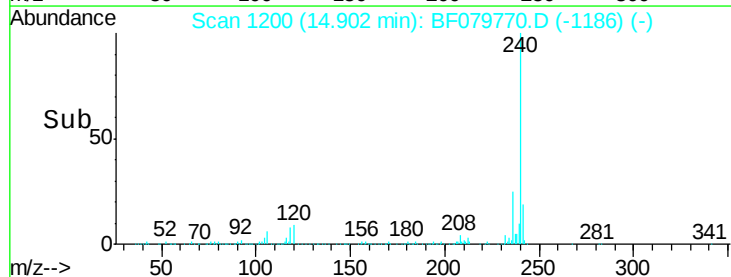
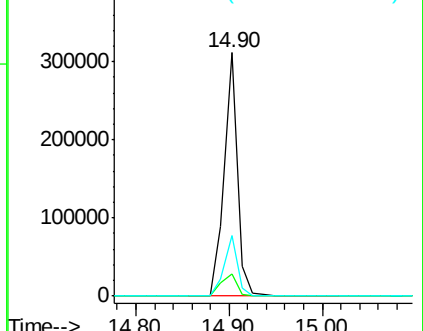
236 25.0 21.0 31.4

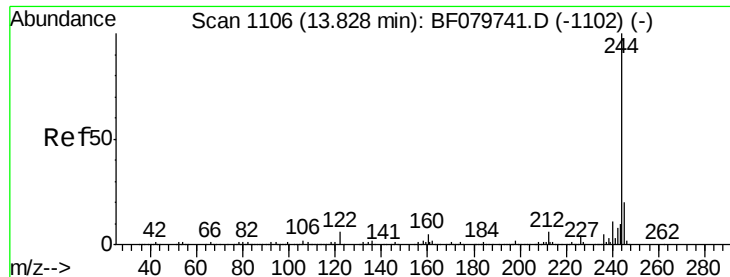


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 59.69 ng

RT: 13.69 min Scan# 1094

Delta R.T. -0.02 min

Lab File: BF079770.D

Acq: 6 Jun 2015 15:48

Instrument :

BNA_F

ClientSampled :

PB83804BL

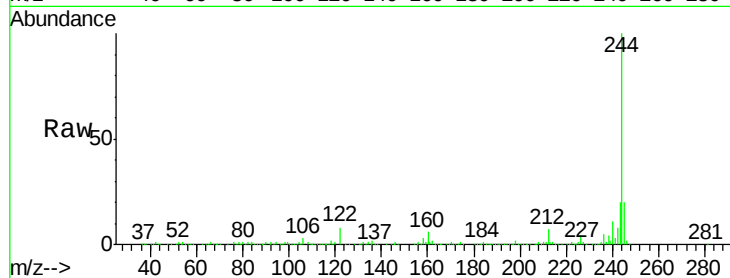
Tgt Ion:244 Resp: 800516

Ion Ratio Lower Upper

244 100

212 6.6 6.1 9.1

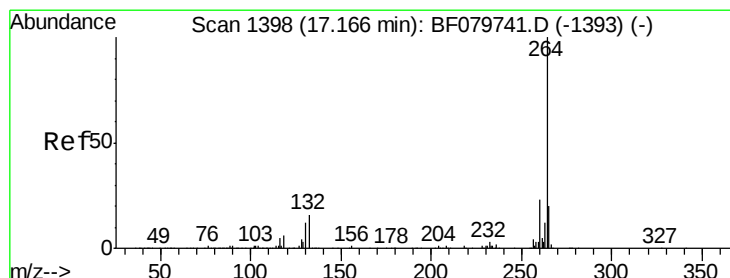
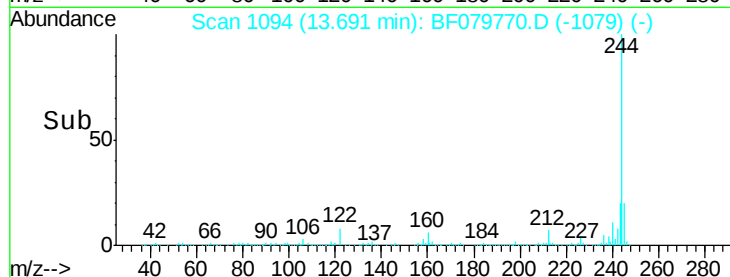
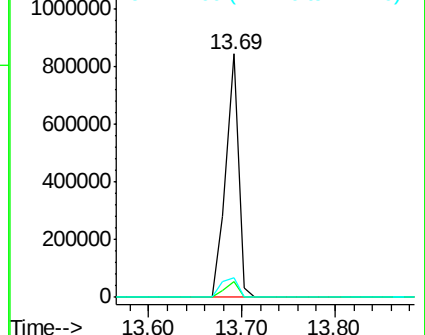
122 7.9 9.3 13.9#



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: 16.79 min Scan# 1365

Delta R.T. -0.03 min

Lab File: BF079770.D

Acq: 6 Jun 2015 15:48

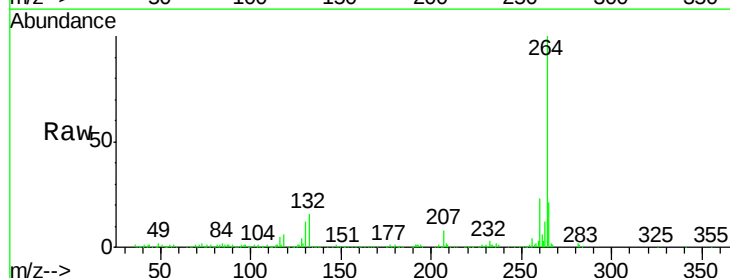
Tgt Ion:264 Resp: 292469

Ion Ratio Lower Upper

264 100

260 23.3 18.6 27.8

265 21.2 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

