

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060715\
 Data File : BF079810.D
 Acq On : 7 Jun 2015 12:59
 Operator : TP/IZ
 Sample : PB83832BL
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83832BL

Quant Time: Jun 09 01:17:18 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 09 01:08:34 2015
 Response via : Initial Calibration

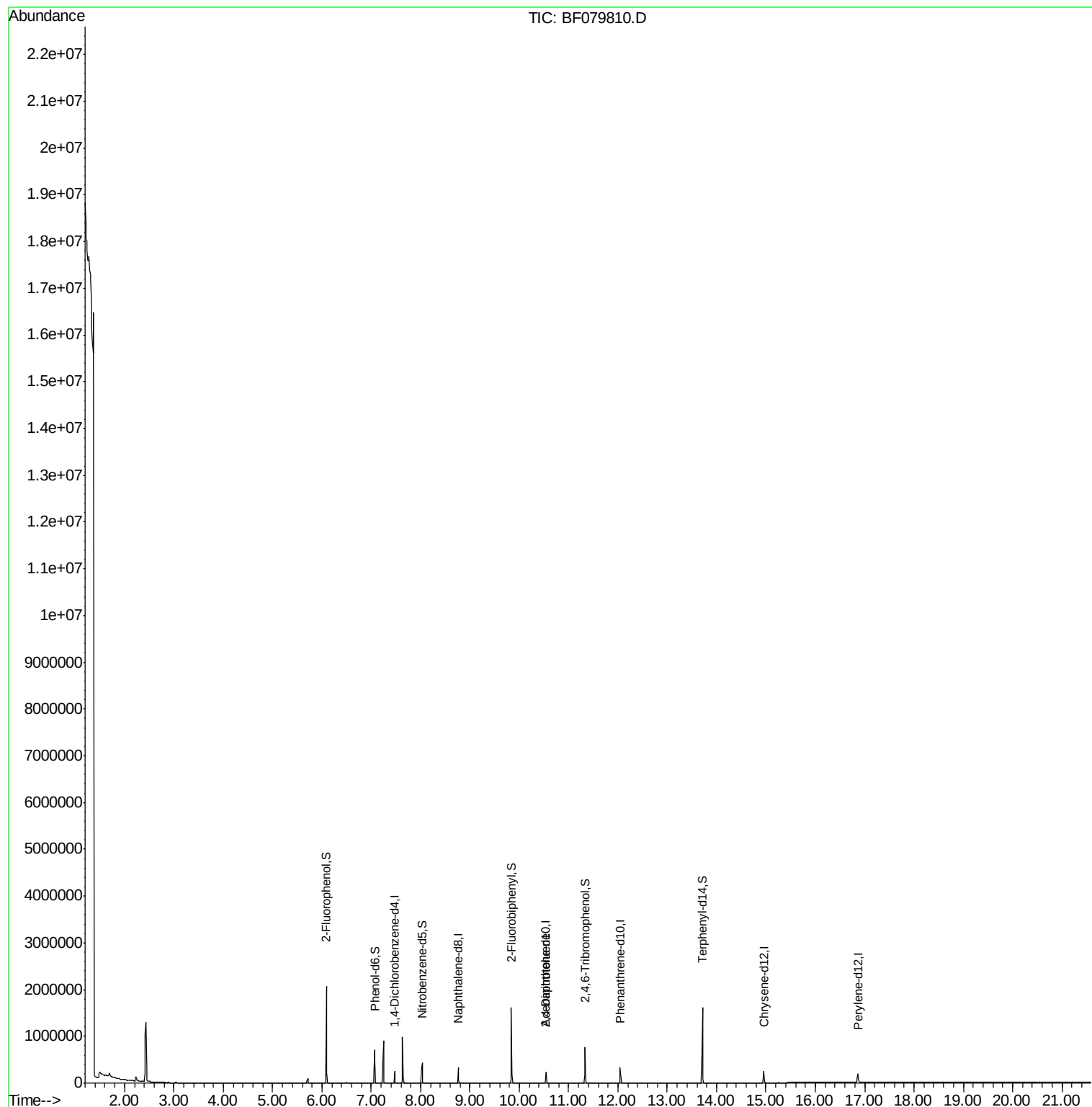
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	35684	20.00	ng	0.00
21) Naphthalene-d8	8.76	136	137584	20.00	ng	0.00
38) Acenaphthene-d10	10.54	164	70181	20.00	ng	-0.01
63) Phenanthrene-d10	12.05	188	145056	20.00	ng	-0.01
75) Chrysene-d12	14.96	240	140492	20.00	ng	-0.02
86) Perylene-d12	16.87	264	130615	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.09	112	478650	224.82	ng	0.00
7) Phenol-d6	7.07	99	323490	117.64	ng	0.00
23) Nitrobenzene-d5	8.03	82	178188	79.51	ng	0.00
41) 2,4,6-Tribromophenol	11.34	330	88315	131.57	ng	0.00
44) 2-Fluorobiphenyl	9.84	172	441839	85.29	ng	0.00
78) Terphenyl-d14	13.71	244	566340	92.32	ng	-0.01
Target Compounds						
56) 2,4-Dinitrotoluene	10.54	165	9228	11.71	ng	Qvalue # 32

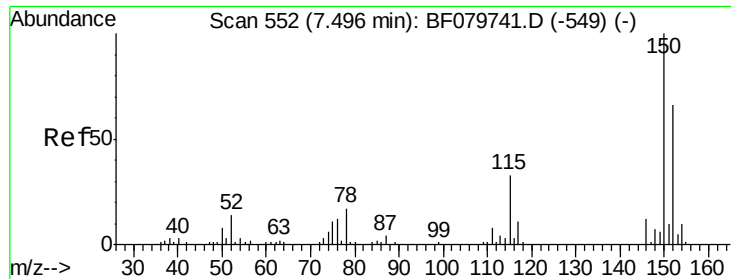
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.47 min Scan# 550

Delta R.T. 0.00 min

Lab File: BF079810.D

Acq: 7 Jun 2015 12:59

Instrument :

BNA_F

ClientSampleId :

PB83832BL

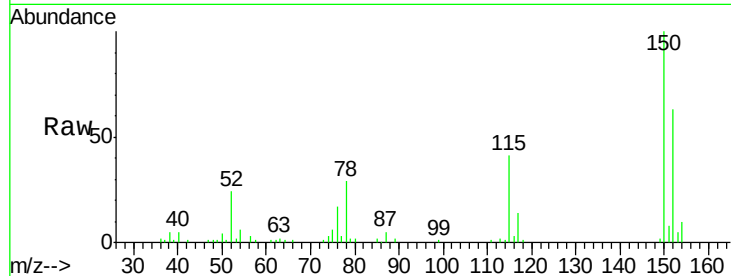
Tgt Ion:152 Resp: 35684

Ion Ratio Lower Upper

152 100

150 158.7 128.1 192.1

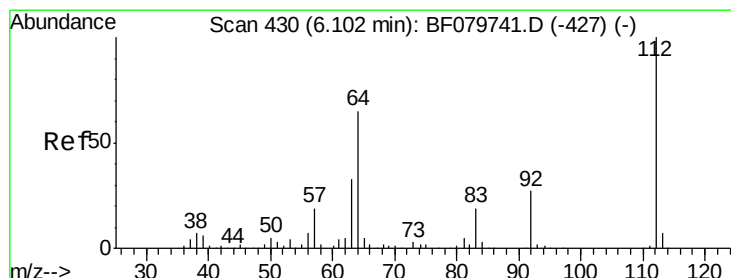
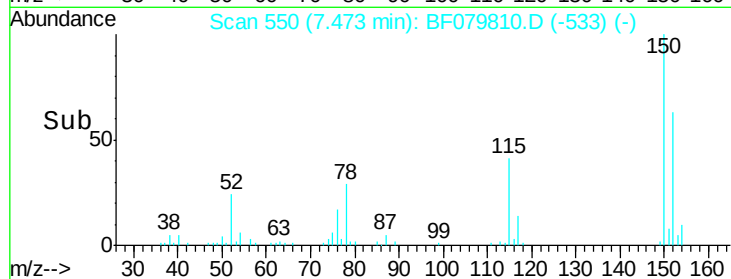
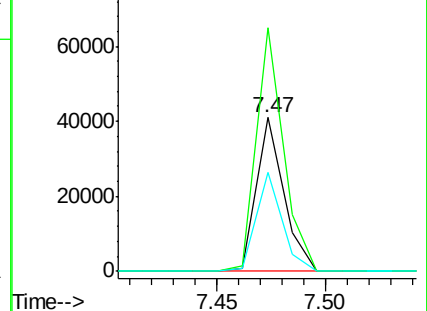
115 64.7 49.7 74.5



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



#5

2-Fluorophenol

Concen: 224.82 ng

RT: 6.09 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF079810.D

Acq: 7 Jun 2015 12:59

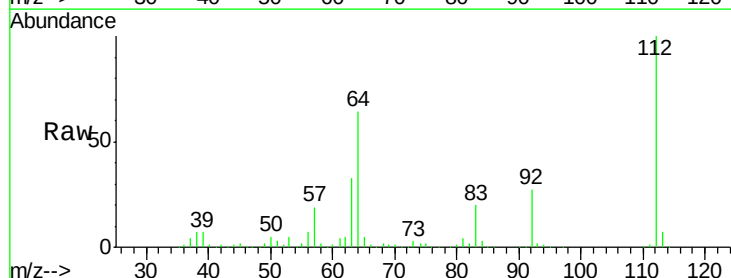
Tgt Ion:112 Resp: 478650

Ion Ratio Lower Upper

112 100

64 64.5 49.6 74.4

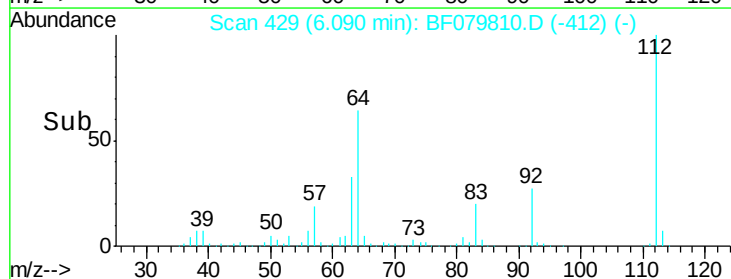
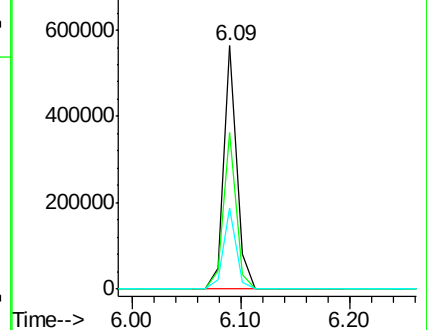
63 33.3 24.9 37.3

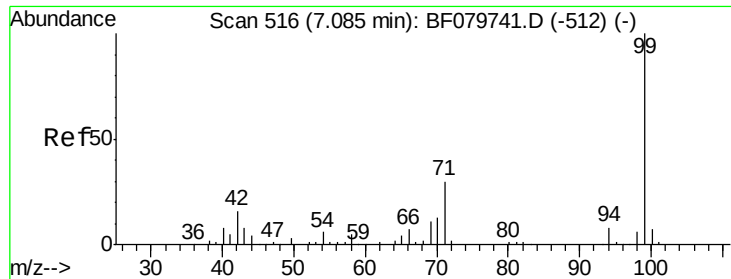


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 117.64 ng

RT: 7.07 min Scan# 515

Delta R.T. -0.00 min

Lab File: BF079810.D

Acq: 7 Jun 2015 12:59

Instrument :

BNA_F

ClientSampleId :

PB83832BL

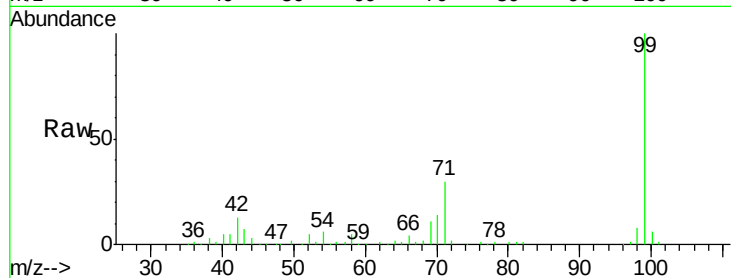
Tgt Ion: 99 Resp: 323490

Ion Ratio Lower Upper

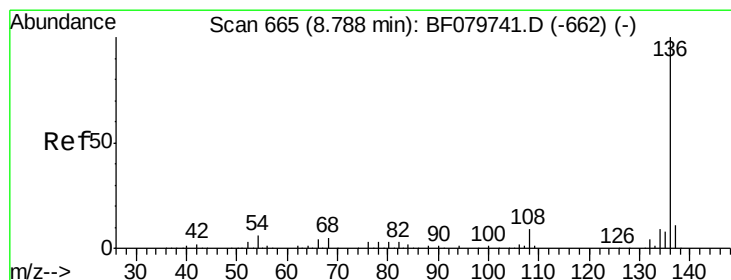
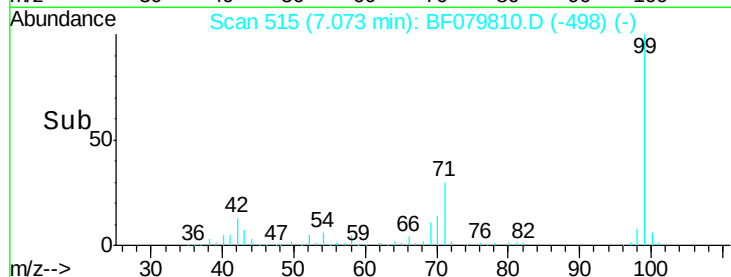
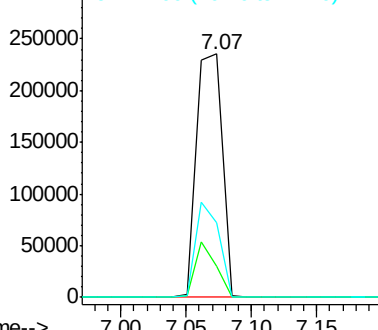
99 100

42 13.0 18.0 27.0#

71 30.5 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. -0.00 min

Lab File: BF079810.D

Acq: 7 Jun 2015 12:59

Tgt Ion: 136 Resp: 137584

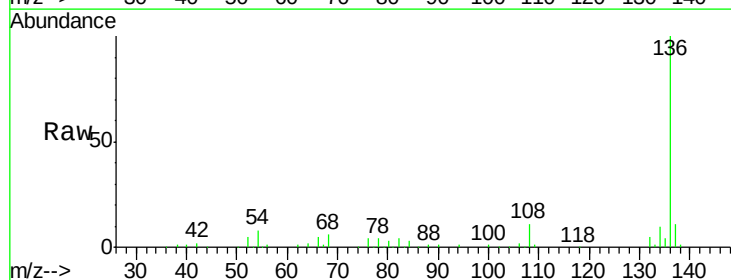
Ion Ratio Lower Upper

136 100

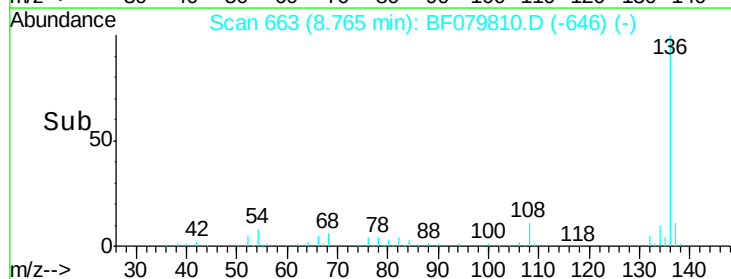
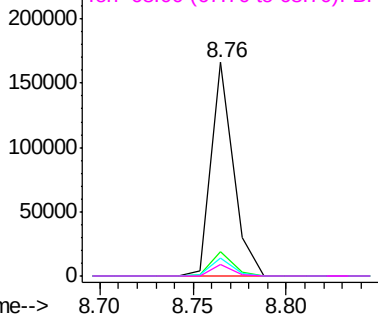
137 11.3 8.8 13.2

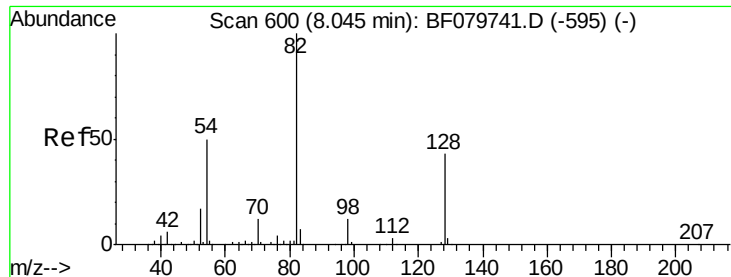
54 8.2 8.7 13.1#

68 5.6 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

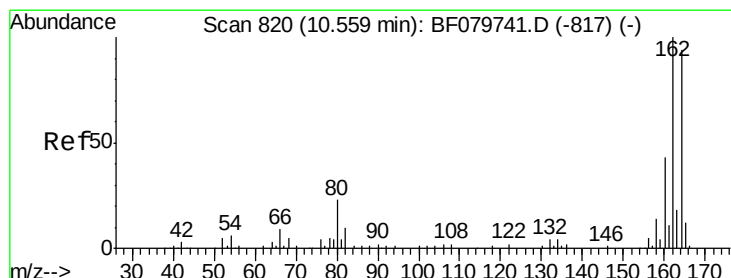
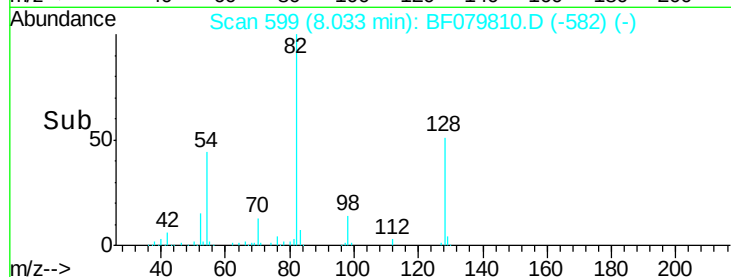
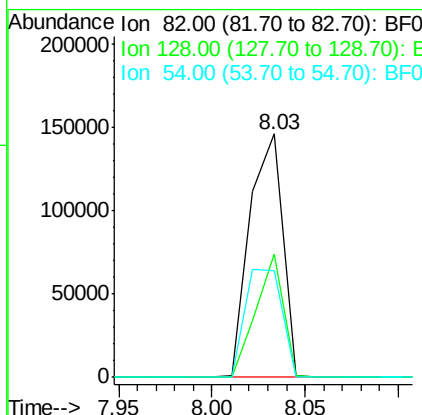
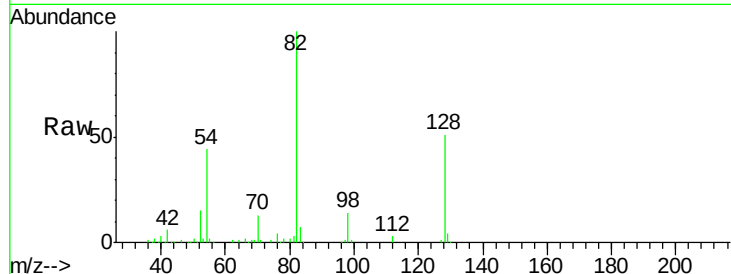




#23
 Nitrobenzene-d5
 Concen: 79.51 ng
 RT: 8.03 min Scan# 599
 Delta R.T. 0.00 min
 Lab File: BF079810.D
 Acq: 7 Jun 2015 12:59

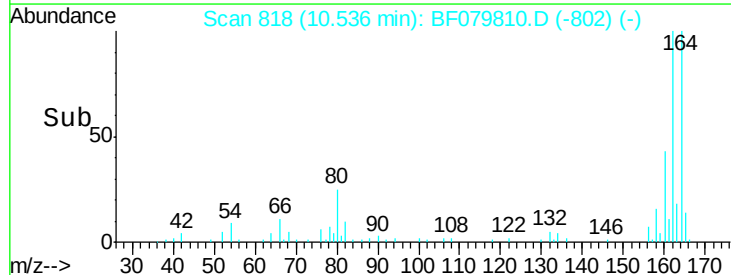
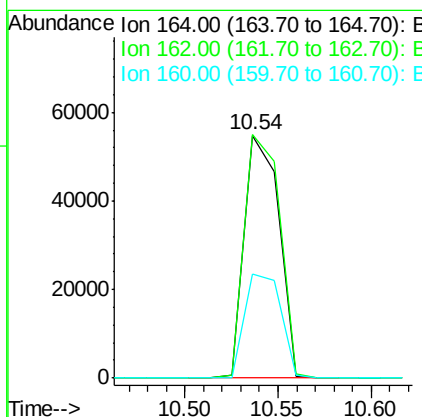
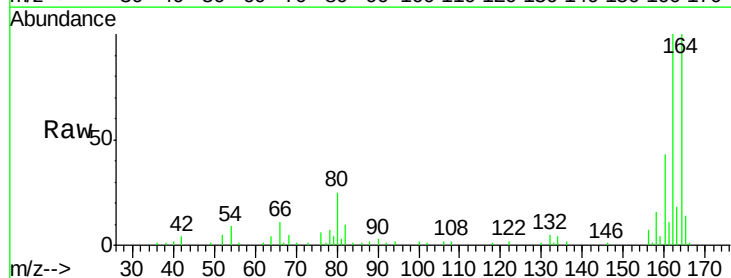
Instrument :
 BNA_F
 ClientSampleId :
 PB83832BL

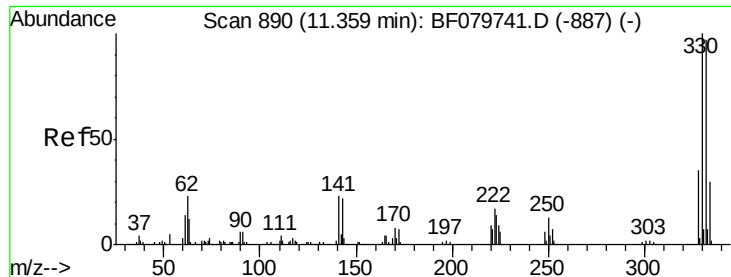
Tgt Ion: 82 Resp: 178188
 Ion Ratio Lower Upper
 82 100
 128 50.8 37.6 56.4
 54 43.6 39.4 59.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.54 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF079810.D
 Acq: 7 Jun 2015 12:59

Tgt Ion:164 Resp: 70181
 Ion Ratio Lower Upper
 164 100
 162 100.5 82.6 123.8
 160 43.1 36.8 55.2

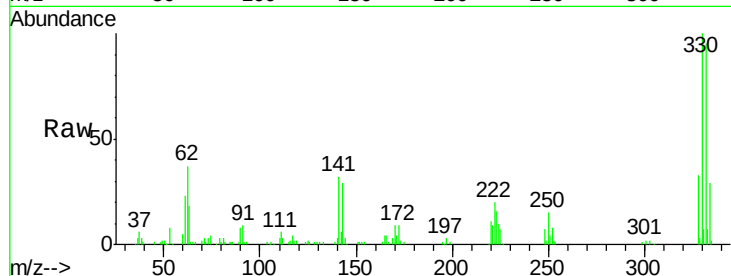




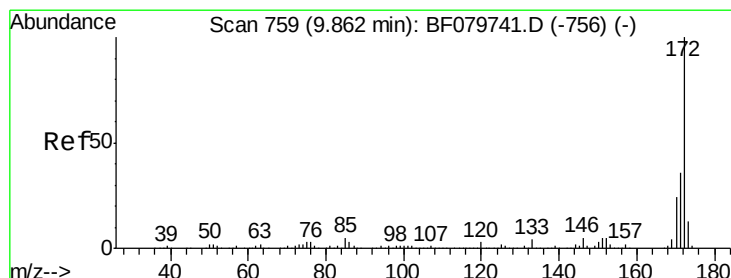
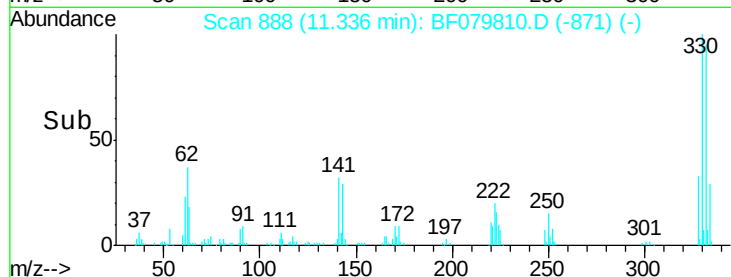
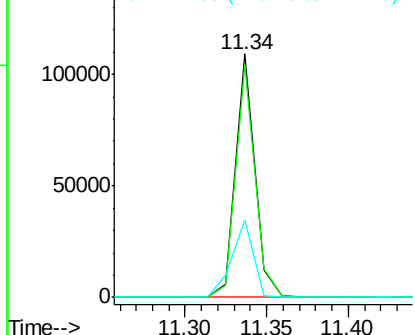
#41
 2,4,6-Tribromophenol
 Concen: 131.57 ng
 RT: 11.34 min Scan# 888
 Delta R.T. -0.00 min
 Lab File: BF079810.D
 Acq: 7 Jun 2015 12:59

Instrument :
 BNA_F
 ClientSampleId :
 PB83832BL

Tgt Ion:330 Resp: 88315
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.4 116.0
 141 35.4 30.2 45.2

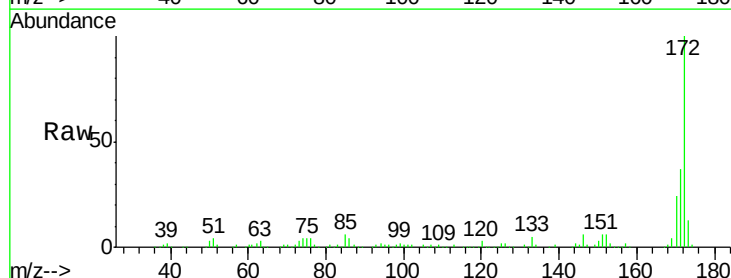


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

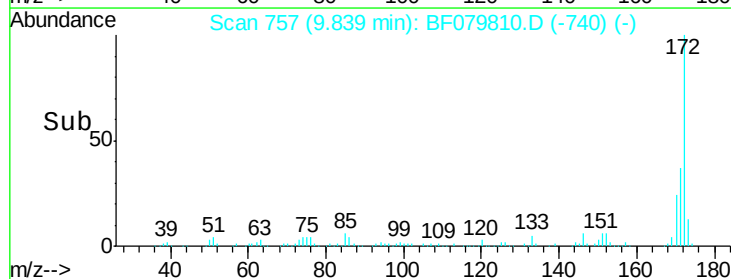
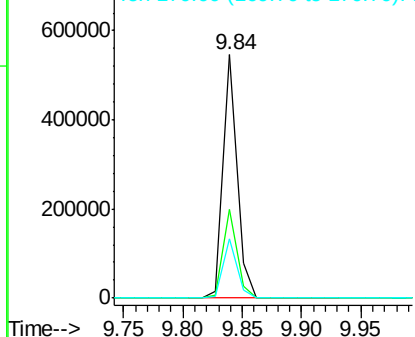


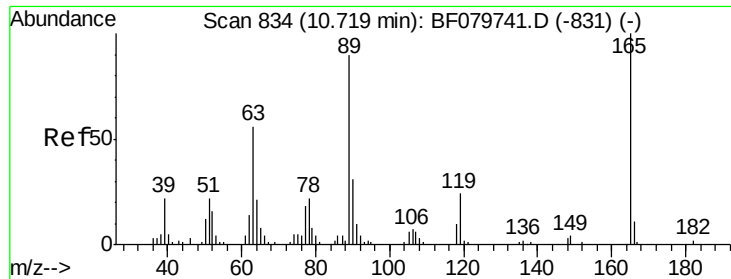
#44
 2-Fluorobiphenyl
 Concen: 85.29 ng
 RT: 9.84 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BF079810.D
 Acq: 7 Jun 2015 12:59

Tgt Ion:172 Resp: 441839
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.0
 170 24.5 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

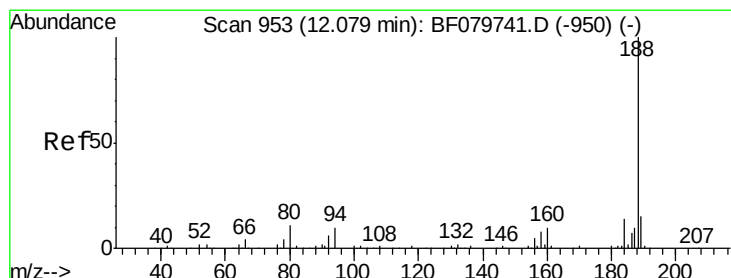
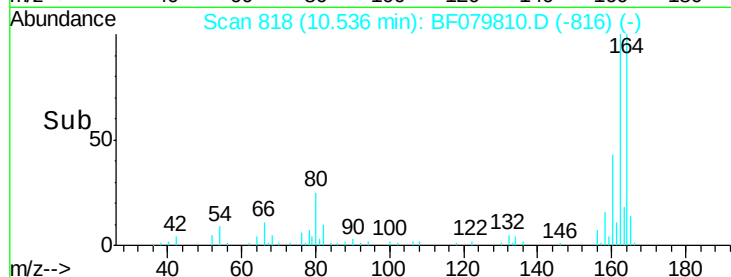
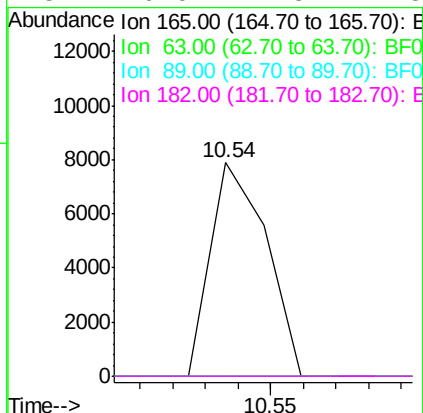
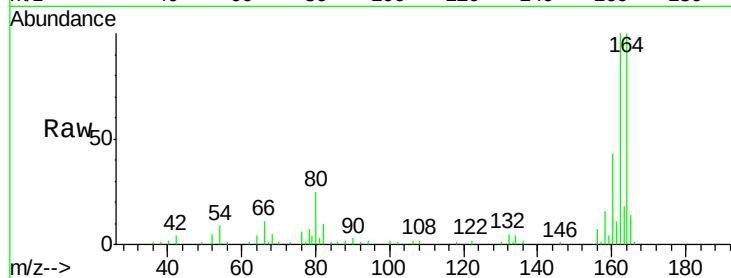




#56
 2,4-Dinitrotoluene
 Concen: 11.71 ng
 RT: 10.54 min Scan# 818
 Delta R.T. -0.17 min
 Lab File: BF079810.D
 Acq: 7 Jun 2015 12:59

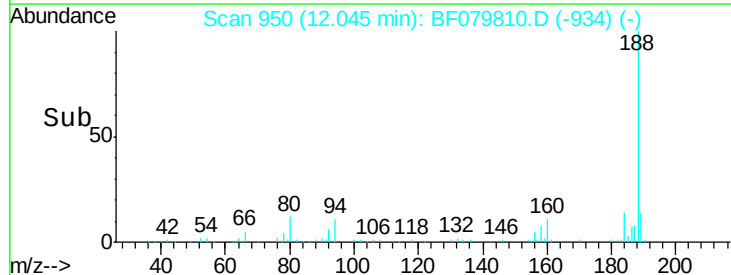
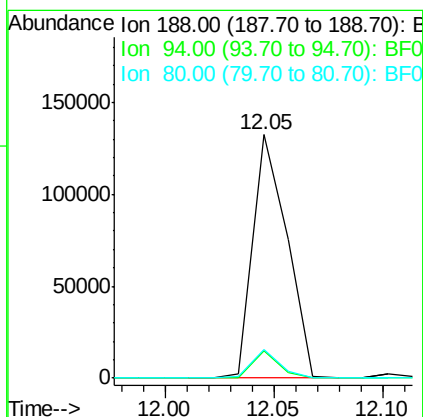
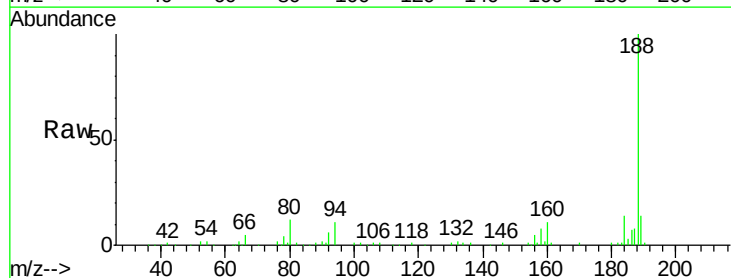
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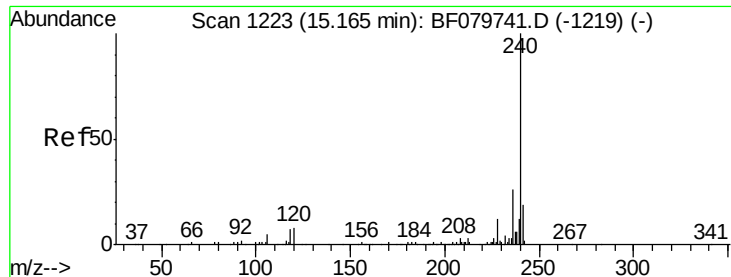
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	24.7	37.1#
89	0.0	45.7	68.5#
182	0.0	1.8	2.8#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.05 min Scan# 950
 Delta R.T. -0.01 min
 Lab File: BF079810.D
 Acq: 7 Jun 2015 12:59

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.2	5.0	7.4#
80	12.0	5.3	7.9#

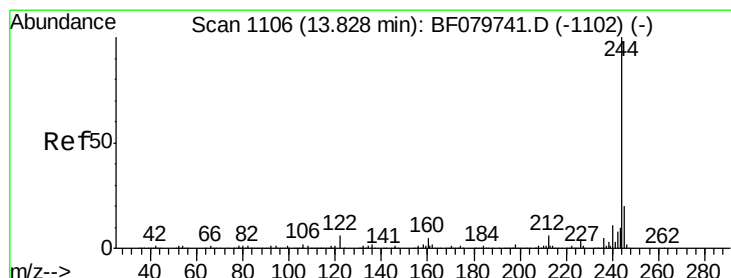
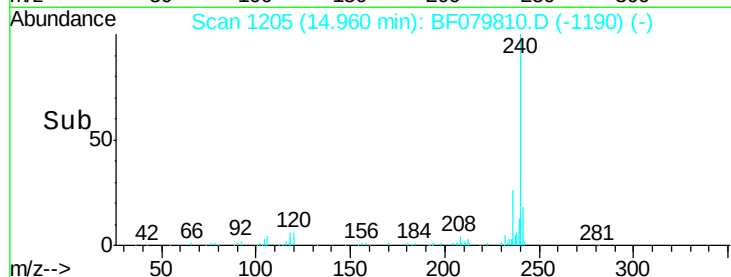
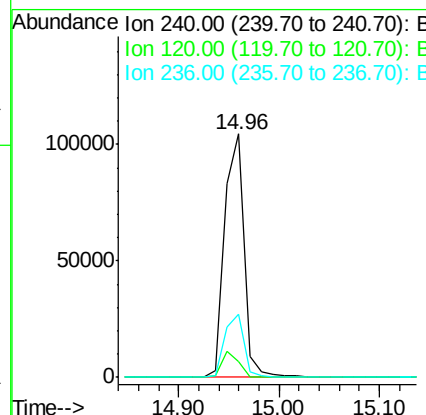
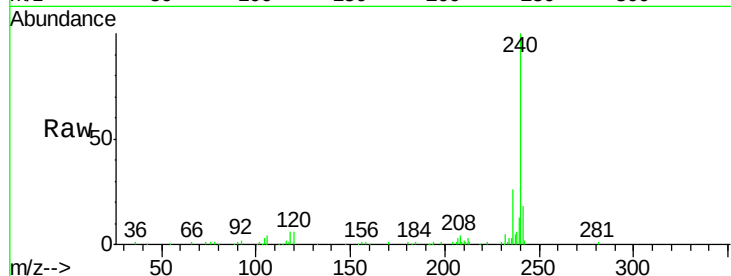




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.96 min Scan# 1205
Delta R.T. -0.02 min
Lab File: BF079810.D
Acq: 7 Jun 2015 12:59

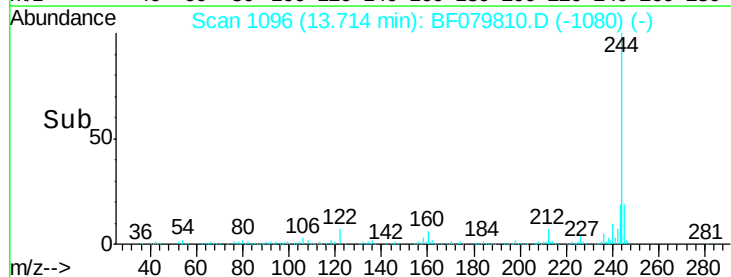
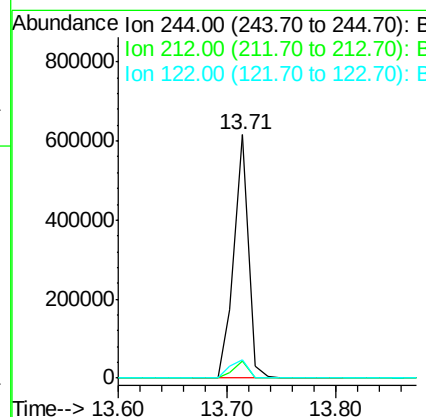
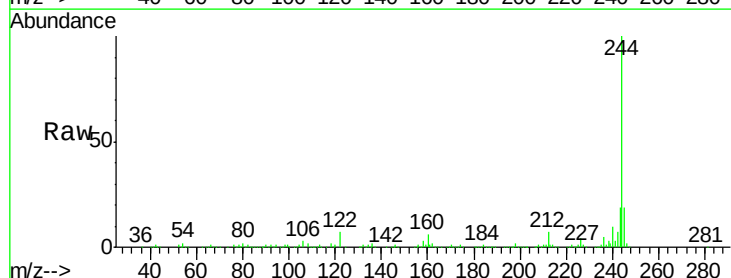
Instrument :
BNA_F
ClientSampled :
PB83832BL

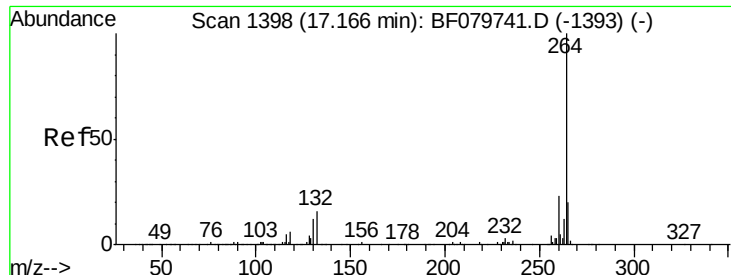
Tgt Ion:240 Resp: 140492
Ion Ratio Lower Upper
240 100
120 6.3 6.2 9.2
236 25.9 21.0 31.4



#78
Terphenyl-d14
Concen: 92.32 ng
RT: 13.71 min Scan# 1096
Delta R.T. -0.01 min
Lab File: BF079810.D
Acq: 7 Jun 2015 12:59

Tgt Ion:244 Resp: 566340
Ion Ratio Lower Upper
244 100
212 6.9 6.1 9.1
122 7.3 9.3 13.9#

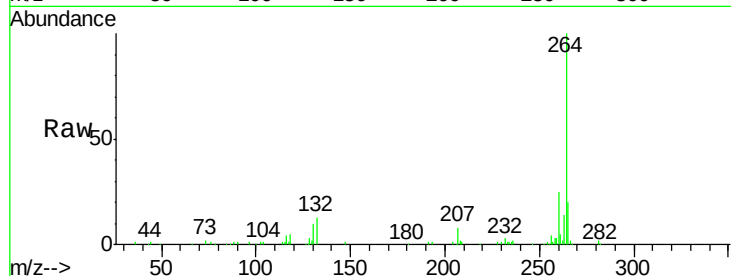




#86
Perylene-d12
Concen: 20.00 ng
RT: 16.87 min Scan# 1372
Delta R.T. -0.03 min
Lab File: BF079810.D
Acq: 7 Jun 2015 12:59

Instrument :
BNA_F
ClientSampleId :
PB83832BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.6	27.8
265	20.5	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

