

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060715\
 Data File : BF079813.D
 Acq On : 7 Jun 2015 14:26
 Operator : TP/IZ
 Sample : G2519-01
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1505283163

Quant Time: Jun 09 02:01:20 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	36589	20.00	ng	0.00
21) Naphthalene-d8	8.76	136	137970	20.00	ng	0.00
38) Acenaphthene-d10	10.54	164	69642	20.00	ng	-0.01
63) Phenanthrene-d10	12.04	188	139849	20.00	ng	-0.01
75) Chrysene-d12	14.99	240	146213	20.00	ng	0.01
86) Perylene-d12	16.93	264	126606	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.09	112	22796	10.44	ng	0.00
7) Phenol-d6	7.06	99	15310	5.43	ng	-0.01
23) Nitrobenzene-d5	8.02	82	6063	2.70	ng	-0.01
41) 2,4,6-Tribromophenol	11.34	330	1099	1.65	ng	0.00
44) 2-Fluorobiphenyl	9.84	172	16110	3.13	ng	0.00
78) Terphenyl-d14	13.73	244	6356	1.00	ng	0.00

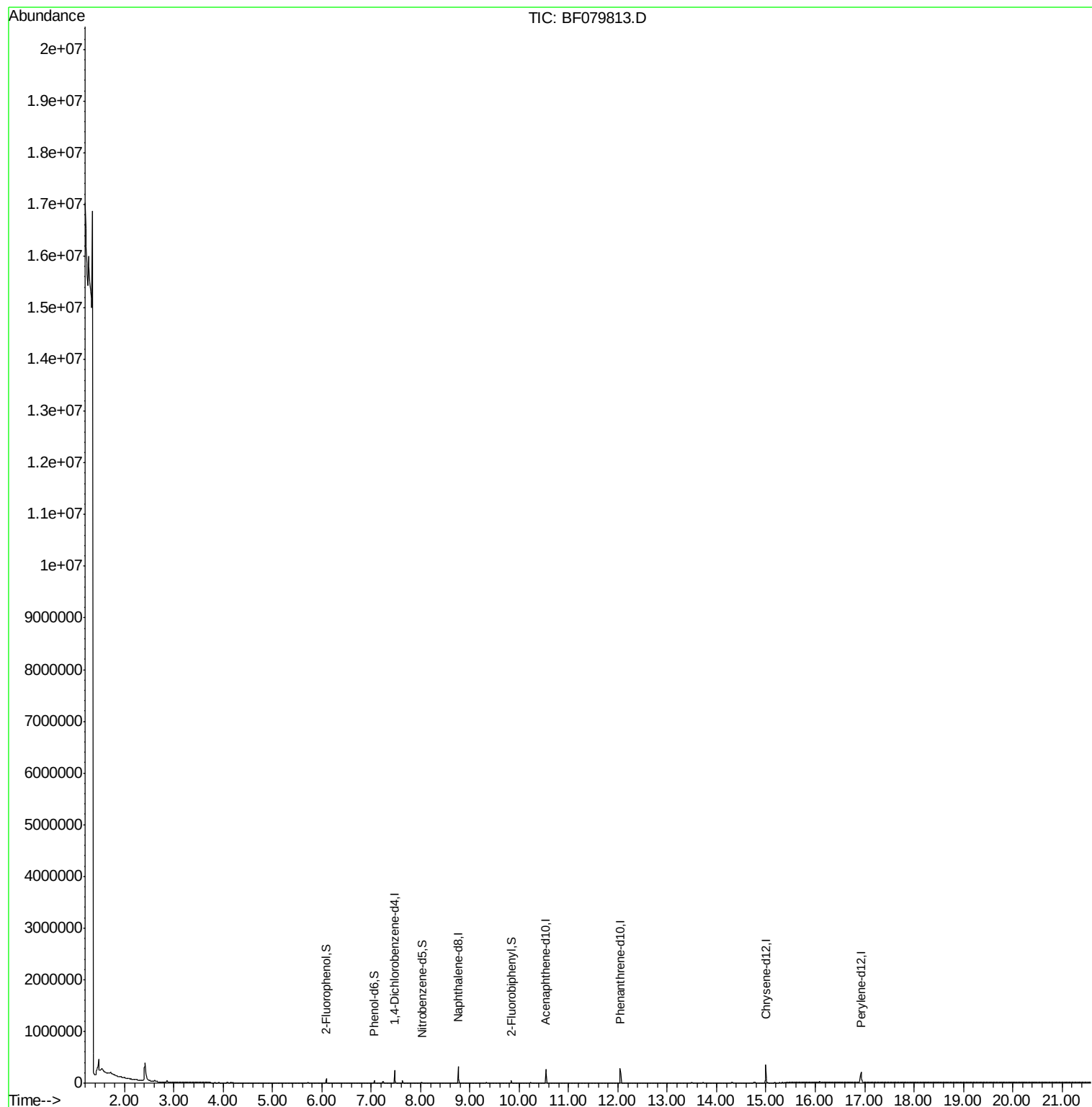
Target Compounds	Qvalue
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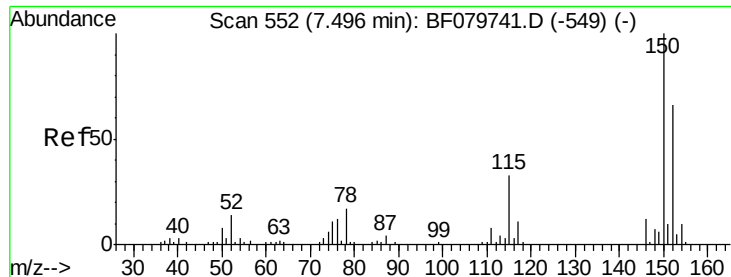
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 09 01:08:34 2015
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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: BF079813.D

Acq: 7 Jun 2015 14:26

Instrument :

BNA_F

ClientSampleId :

1505283163

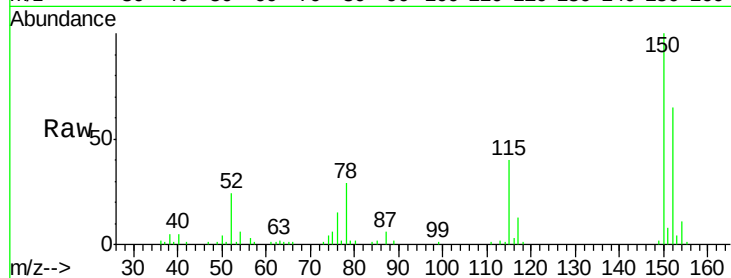
Tgt Ion:152 Resp: 36589

Ion Ratio Lower Upper

152 100

150 154.5 128.1 192.1

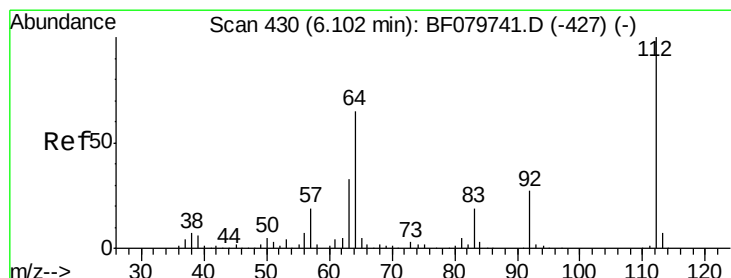
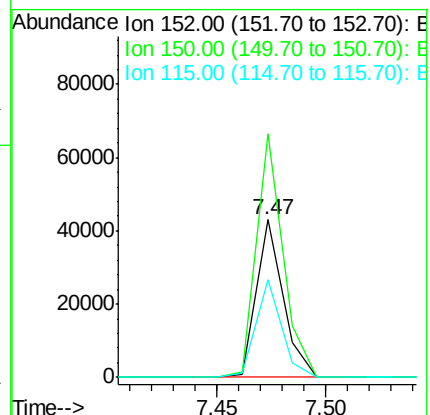
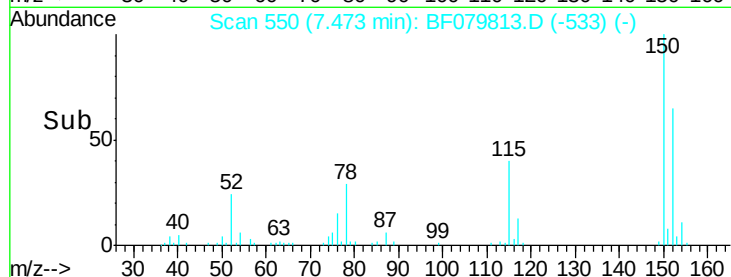
115 61.7 49.7 74.5



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: 10.44 ng

RT: 6.09 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF079813.D

Acq: 7 Jun 2015 14:26

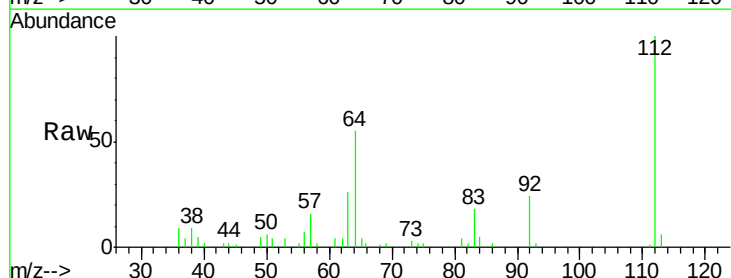
Tgt Ion:112 Resp: 22796

Ion Ratio Lower Upper

112 100

64 54.7 49.6 74.4

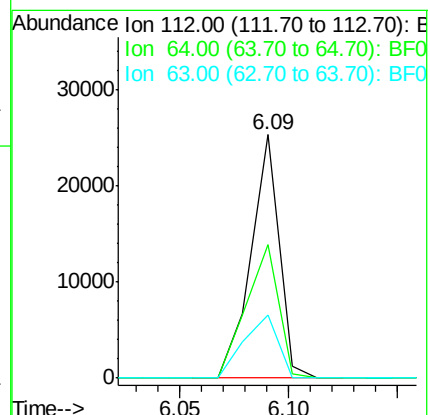
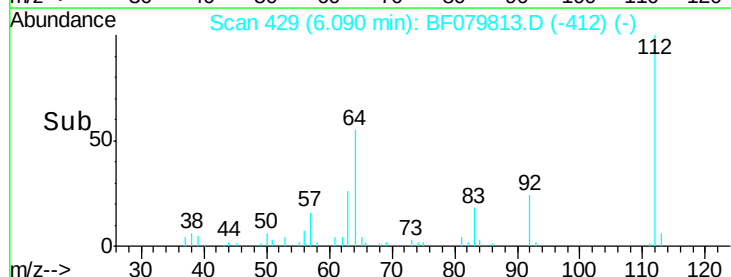
63 25.7 24.9 37.3

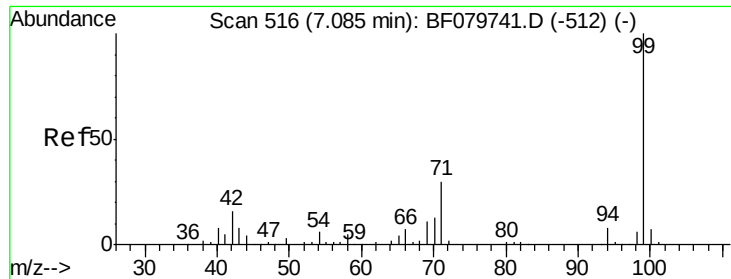


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 5.43 ng

RT: 7.06 min Scan# 514

Delta R.T. -0.01 min

Lab File: BF079813.D

Acq: 7 Jun 2015 14:26

Instrument :

BNA_F

ClientSampleId :

1505283163

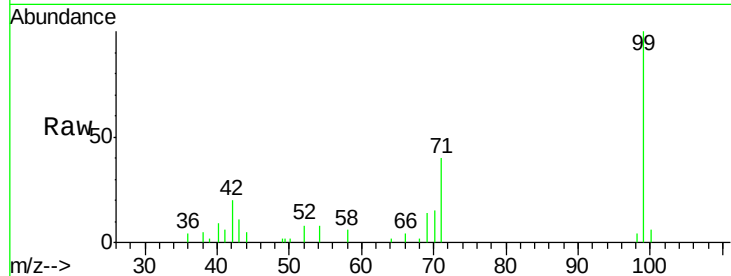
Tgt Ion: 99 Resp: 15310

Ion Ratio Lower Upper

99 100

42 19.7 18.0 27.0

71 40.0 28.4 42.6

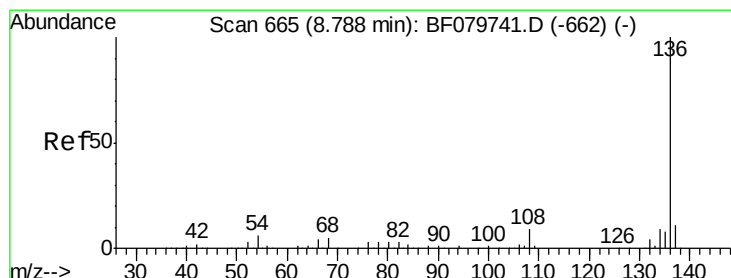
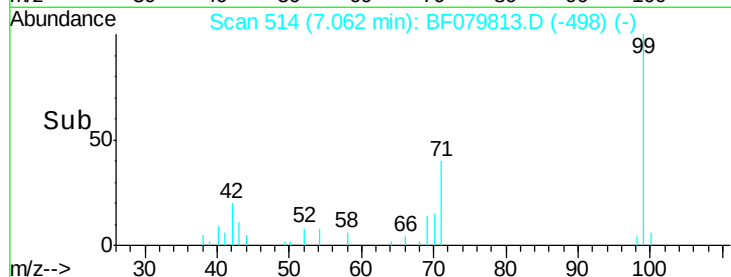
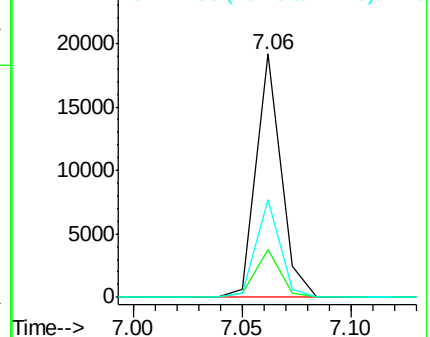


Abundance

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. -0.00 min

Lab File: BF079813.D

Acq: 7 Jun 2015 14:26

Tgt Ion: 136 Resp: 137970

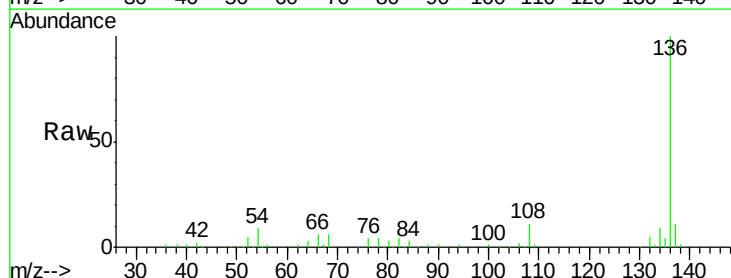
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 8.7 8.7 13.1#

68 6.1 5.8 8.8



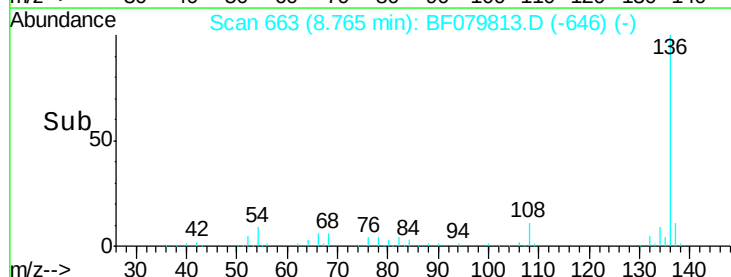
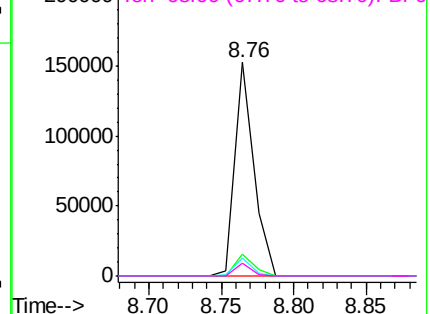
Abundance

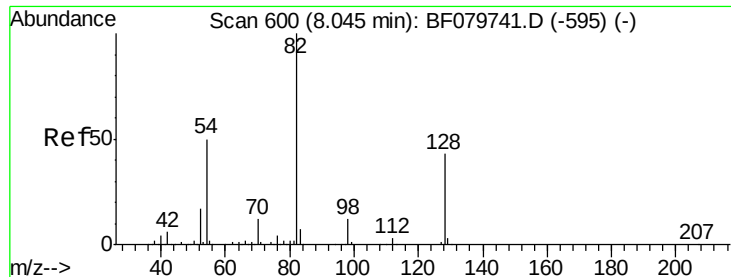
Ion 136.00 (135.70 to 136.70): E

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

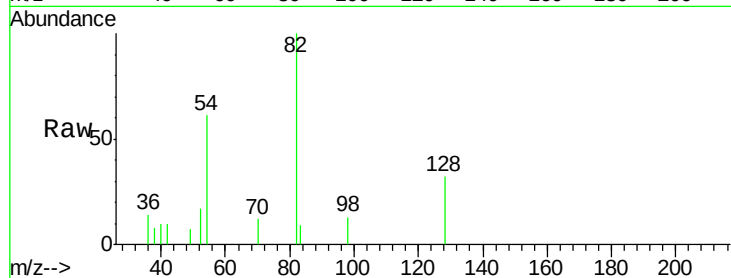




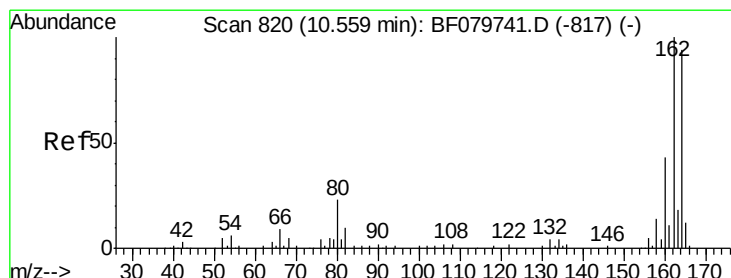
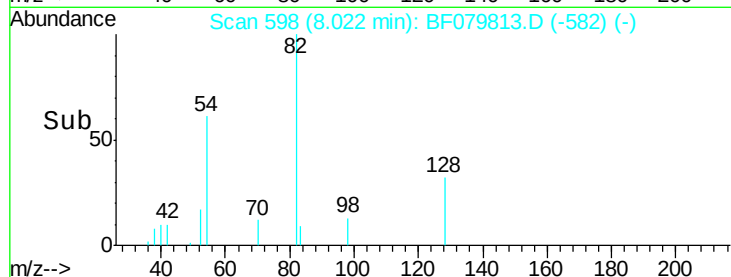
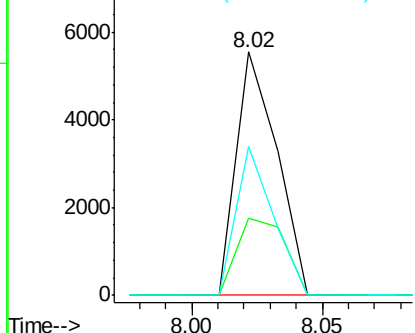
#23
 Nitrobenzene-d5
 Concen: 2.70 ng
 RT: 8.02 min Scan# 598
 Delta R.T. -0.01 min
 Lab File: BF079813.D
 Acq: 7 Jun 2015 14:26

Instrument :
 BNA_F
 ClientSampleId :
 1505283163

Tgt Ion: 82 Resp: 6063
 Ion Ratio Lower Upper
 82 100
 128 31.7 37.6 56.4#
 54 61.2 39.4 59.2#

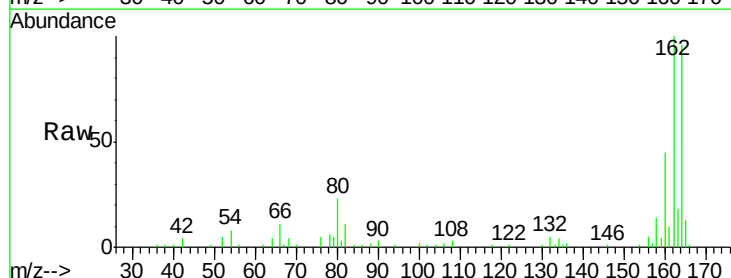


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

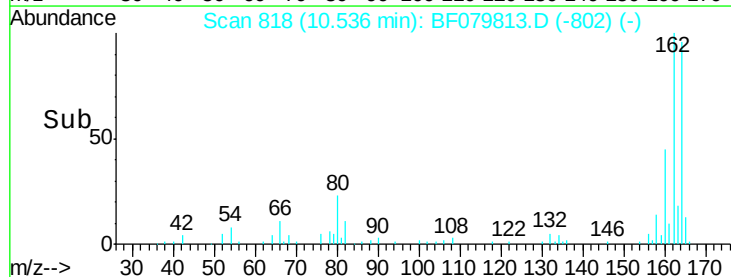
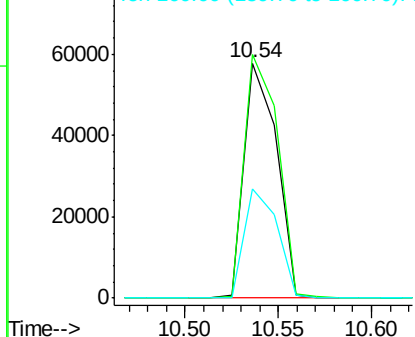


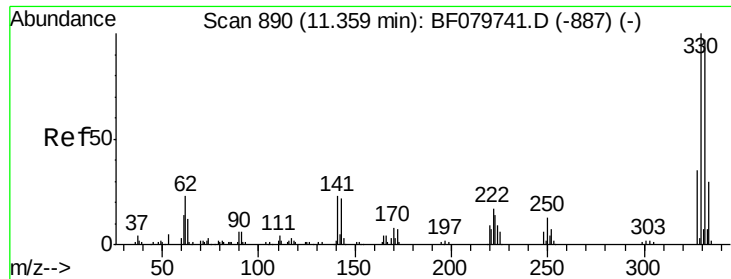
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.54 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF079813.D
 Acq: 7 Jun 2015 14:26

Tgt Ion: 164 Resp: 69642
 Ion Ratio Lower Upper
 164 100
 162 103.7 82.6 123.8
 160 46.3 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

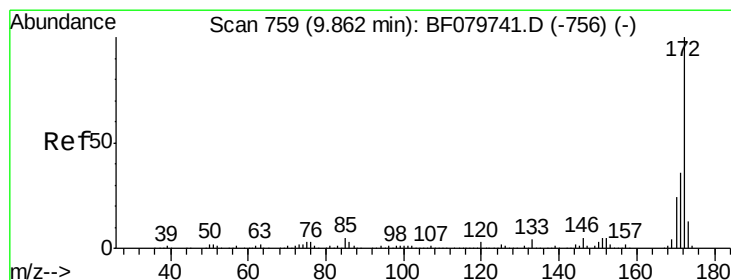
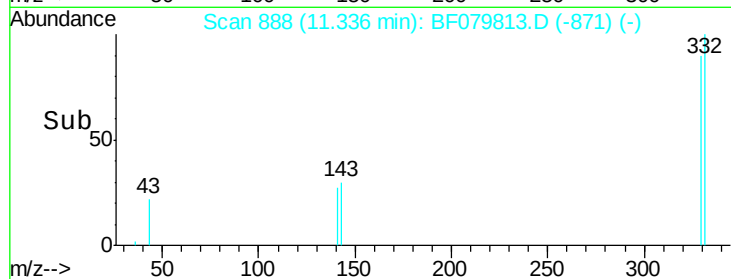
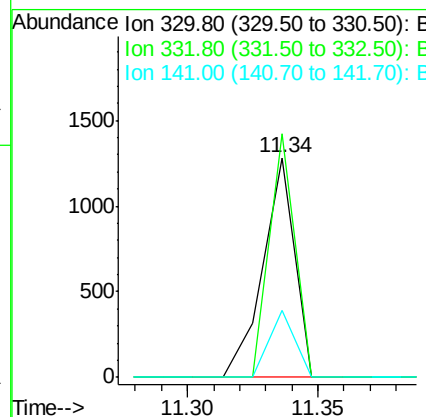
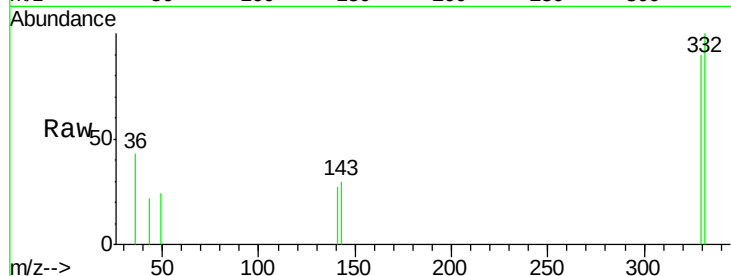




#41
 2,4,6-Tribromophenol
 Concen: 1.65 ng
 RT: 11.34 min Scan# 888
 Delta R.T. -0.00 min
 Lab File: BF079813.D
 Acq: 7 Jun 2015 14:26

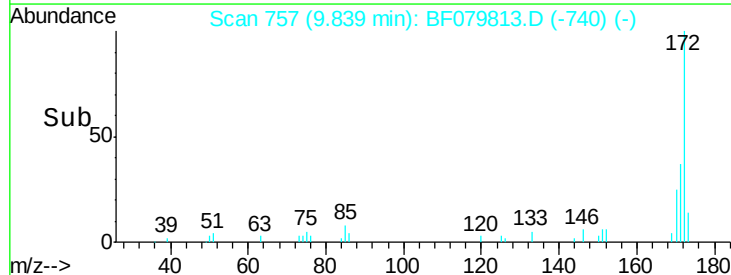
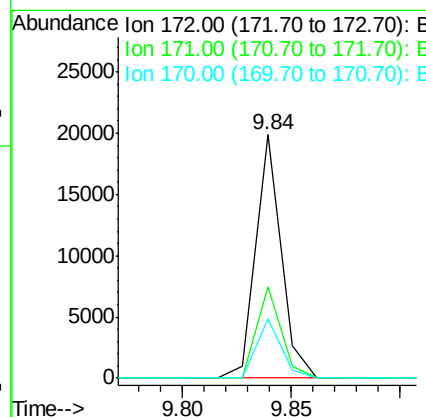
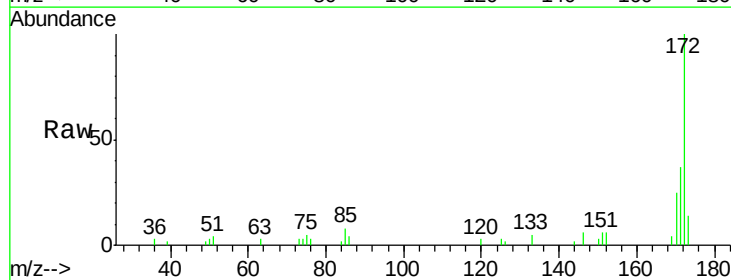
Instrument :
 BNA_F
 ClientSampleId :
 1505283163

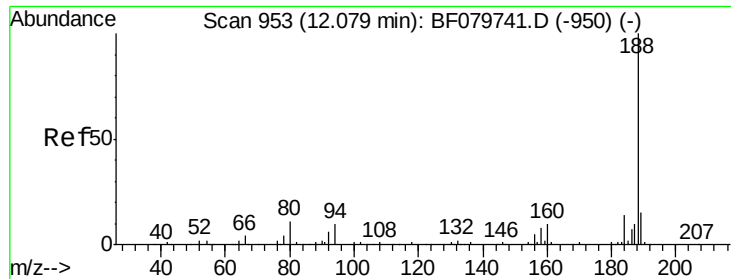
Tgt Ion:330 Resp: 1099
 Ion Ratio Lower Upper
 330 100
 332 88.7 77.4 116.0
 141 24.4 30.2 45.2#



#44
 2-Fluorobiphenyl
 Concen: 3.13 ng
 RT: 9.84 min Scan# 757
 Delta R.T. -0.00 min
 Lab File: BF079813.D
 Acq: 7 Jun 2015 14:26

Tgt Ion:172 Resp: 16110
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.4 44.0
 170 24.6 19.7 29.5

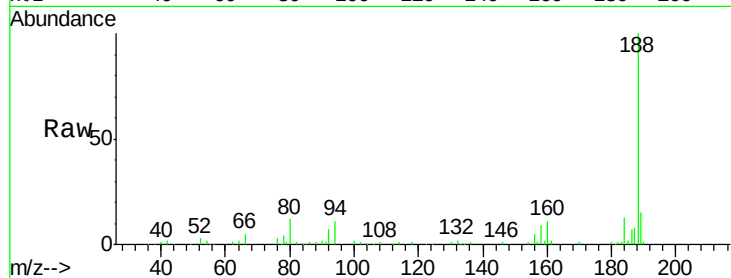




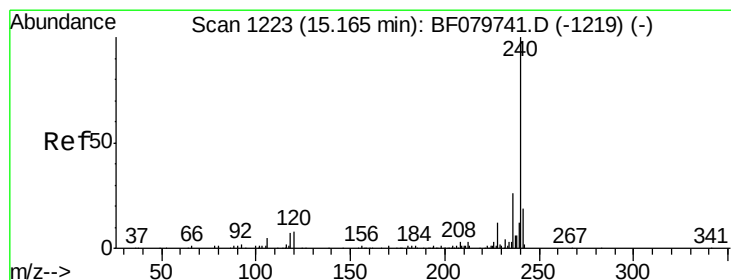
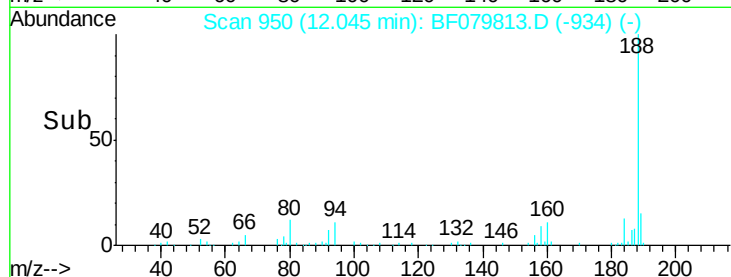
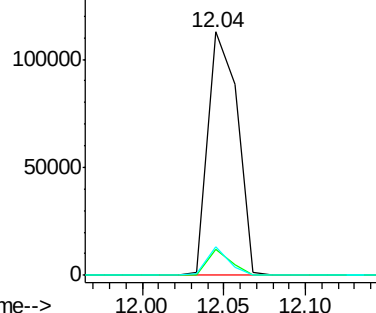
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.04 min Scan# 950
Delta R.T. -0.01 min
Lab File: BF079813.D
Acq: 7 Jun 2015 14:26

Instrument :
BNA_F
ClientSampleId :
1505283163

Tgt Ion:188 Resp: 139849
Ion Ratio Lower Upper
188 100
94 10.9 5.0 7.4#
80 11.9 5.3 7.9#

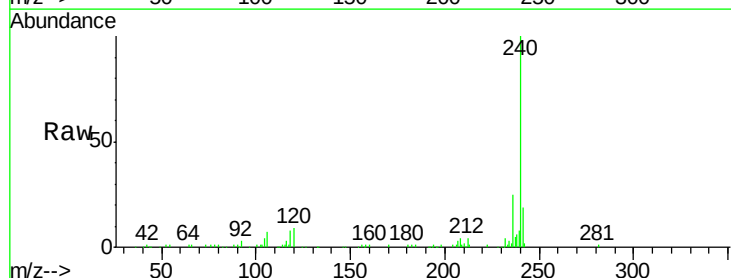


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

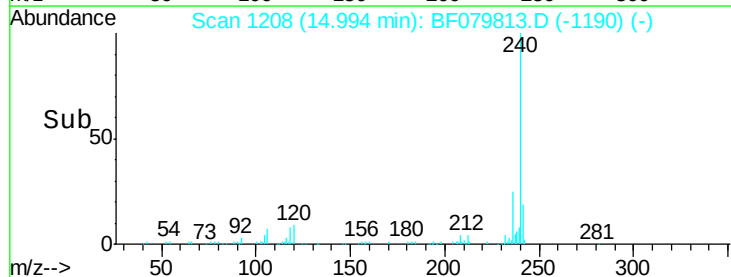
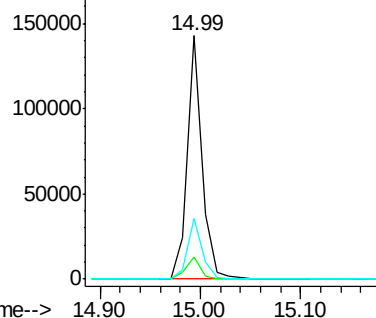


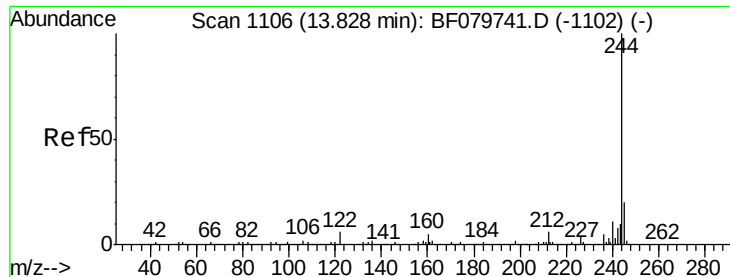
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.99 min Scan# 1208
Delta R.T. 0.01 min
Lab File: BF079813.D
Acq: 7 Jun 2015 14:26

Tgt Ion:240 Resp: 146213
Ion Ratio Lower Upper
240 100
120 9.0 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: 1.00 ng

RT: 13.73 min Scan# 1097

Delta R.T. -0.00 min

Lab File: BF079813.D

Acq: 7 Jun 2015 14:26

Instrument :

BNA_F

ClientSampleId :

1505283163

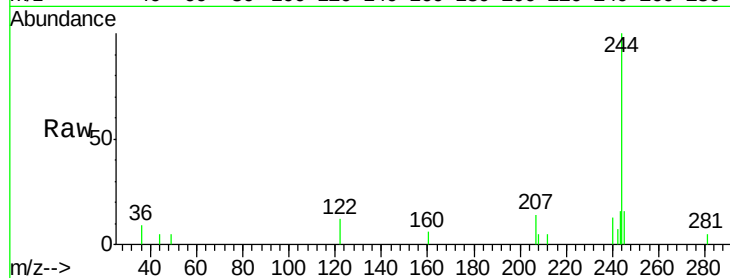
Tgt Ion:244 Resp: 6356

Ion Ratio Lower Upper

244 100

212 4.8 6.1 9.1#

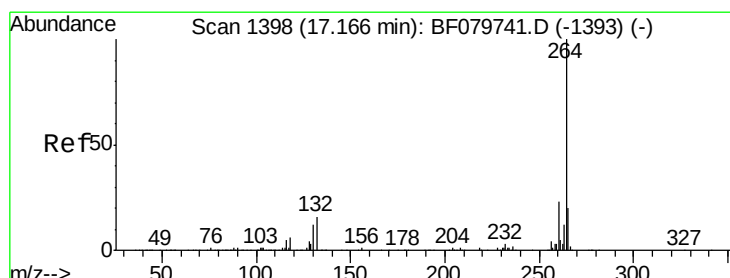
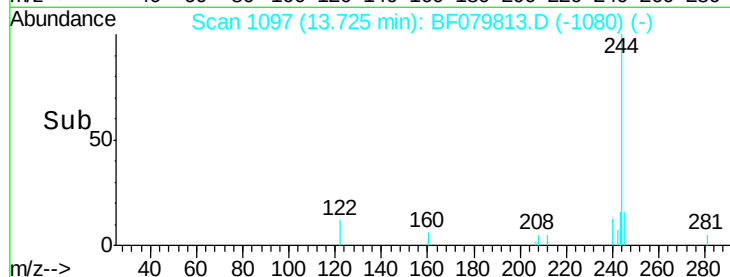
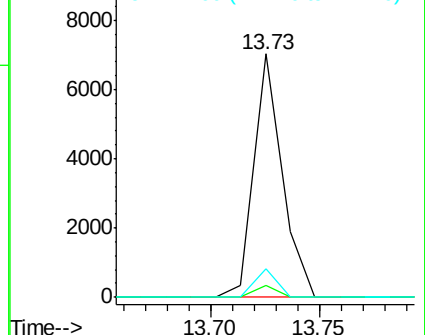
122 11.8 9.3 13.9



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: 16.93 min Scan# 1377

Delta R.T. 0.02 min

Lab File: BF079813.D

Acq: 7 Jun 2015 14:26

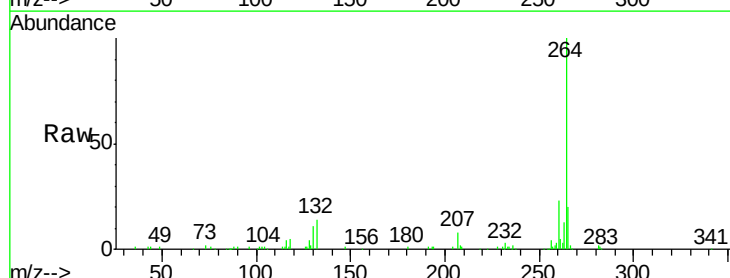
Tgt Ion:264 Resp: 126606

Ion Ratio Lower Upper

264 100

260 23.3 18.6 27.8

265 19.9 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

