

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061015\
 Data File : BF079871.D
 Acq On : 10 Jun 2015 18:16
 Operator : TP/IZ
 Sample : G2523-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PZ-4-6-3-15

Quant Time: Jun 11 01:29:45 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 11 00:53:15 2015
 Response via : Initial Calibration

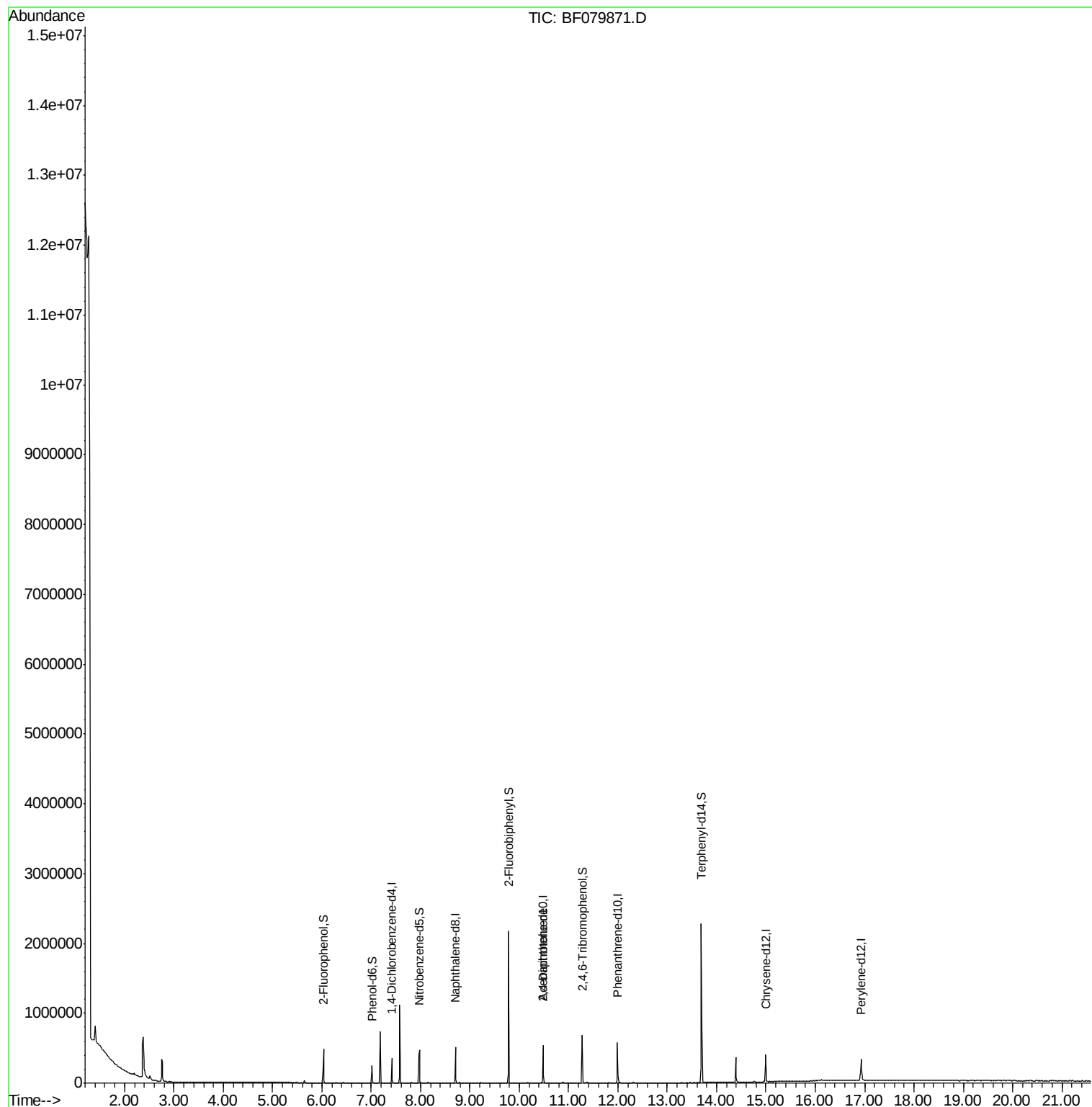
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	49046	20.00	ng	0.00
21) Naphthalene-d8	8.71	136	197894	20.00	ng	0.00
38) Acenaphthene-d10	10.48	164	101088	20.00	ng	-0.01
63) Phenanthrene-d10	11.99	188	202053	20.00	ng	-0.01
75) Chrysene-d12	14.99	240	205670	20.00	ng	-0.08
86) Perylene-d12	16.93	264	189991	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	6.03	112	130562	43.87	ng	0.00
7) Phenol-d6	7.02	99	106511	27.66	ng	0.00
23) Nitrobenzene-d5	7.98	82	202338	59.07	ng	0.00
41) 2,4,6-Tribromophenol	11.28	330	111501	127.45	ng	0.00
44) 2-Fluorobiphenyl	9.78	172	595466	82.85	ng	0.00
78) Terphenyl-d14	13.69	244	793206	86.94	ng	-0.05
Target Compounds						
56) 2,4-Dinitrotoluene	10.48	165	12951	12.41	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: 7.42 min Scan# 545

Delta R.T. -0.00 min

Lab File: BF079871.D

Acq: 10 Jun 2015 18:16

Instrument :

BNA_F

ClientSampleId :

PZ-4-6-3-15

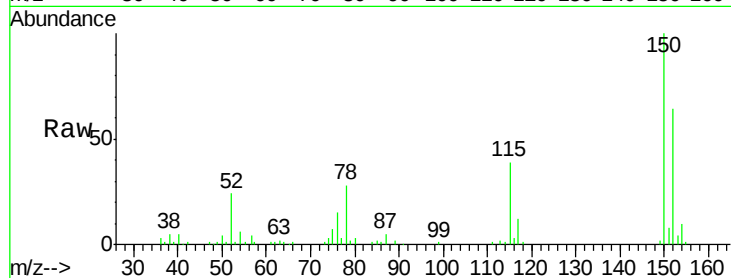
Tgt Ion:152 Resp: 49046

Ion Ratio Lower Upper

152 100

150 155.6 131.4 197.2

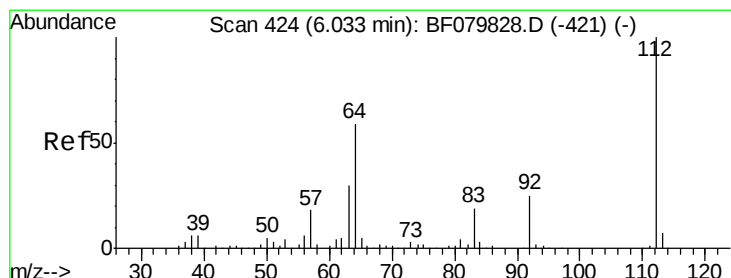
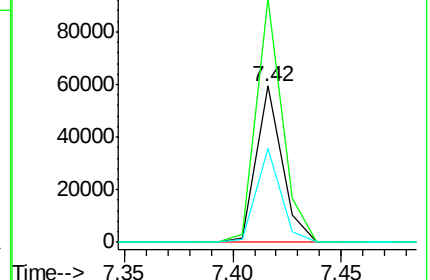
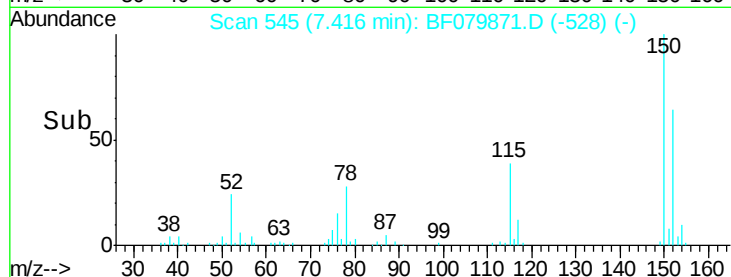
115 60.2 56.5 84.7



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: 43.87 ng

RT: 6.03 min Scan# 424

Delta R.T. -0.00 min

Lab File: BF079871.D

Acq: 10 Jun 2015 18:16

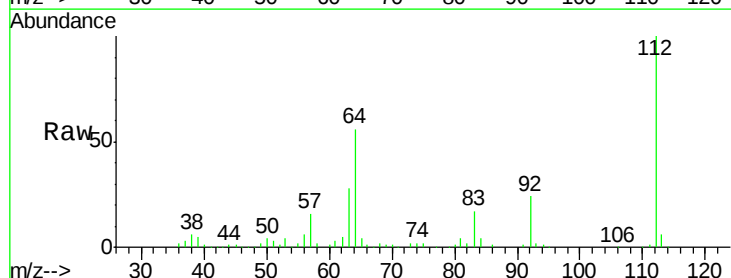
Tgt Ion:112 Resp: 130562

Ion Ratio Lower Upper

112 100

64 55.7 44.2 66.4

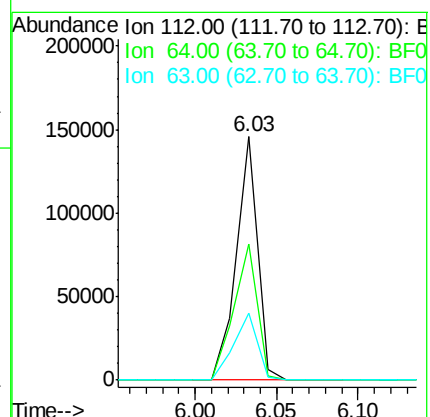
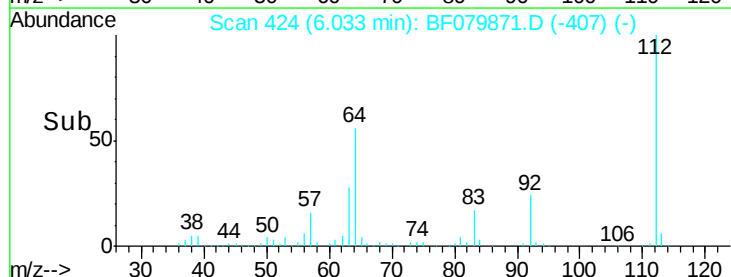
63 27.5 22.8 34.2

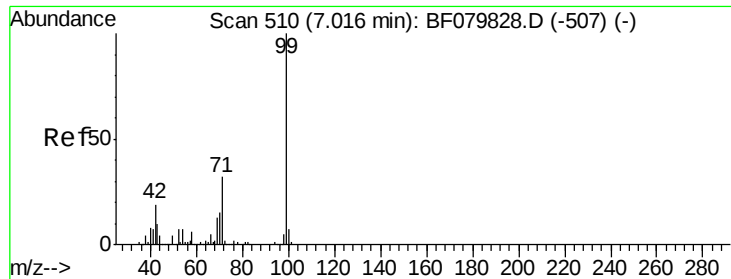


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 27.66 ng

RT: 7.02 min Scan# 510

Delta R.T. -0.00 min

Lab File: BF079871.D

Acq: 10 Jun 2015 18:16

Instrument :

BNA_F

ClientSampleId :

PZ-4-6-3-15

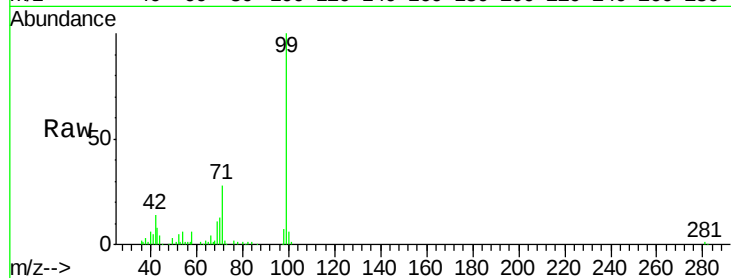
Tgt Ion: 99 Resp: 106511

Ion Ratio Lower Upper

99 100

42 14.2 13.7 20.5

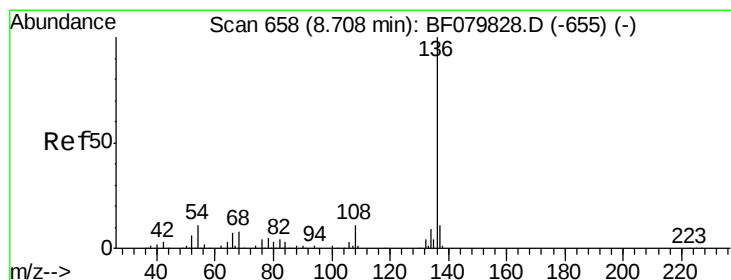
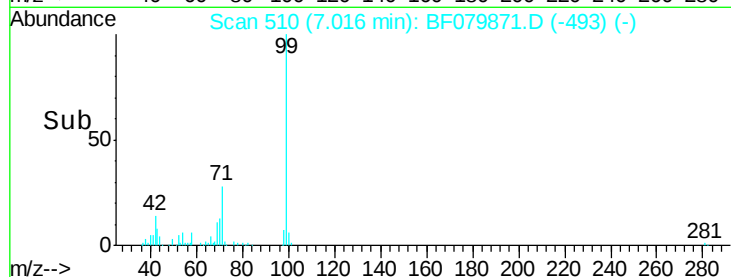
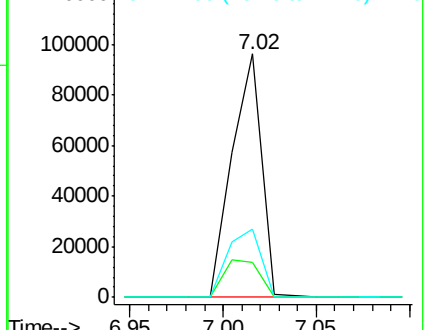
71 27.8 25.1 37.7



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: 8.71 min Scan# 658

Delta R.T. -0.00 min

Lab File: BF079871.D

Acq: 10 Jun 2015 18:16

Tgt Ion: 136 Resp: 197894

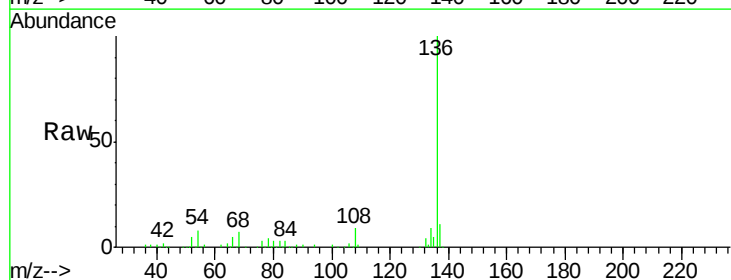
Ion Ratio Lower Upper

136 100

137 10.8 9.3 13.9

54 8.2 8.1 12.1

68 6.5 4.8 7.2

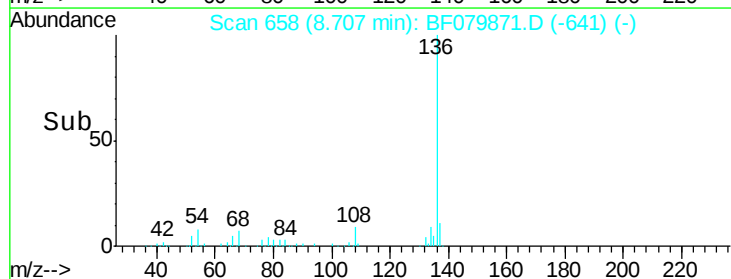
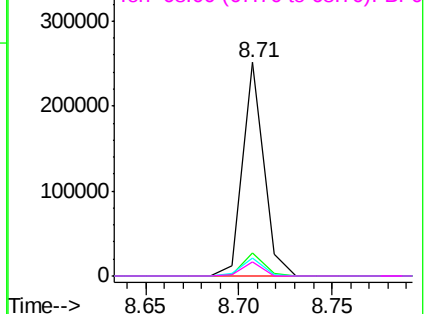


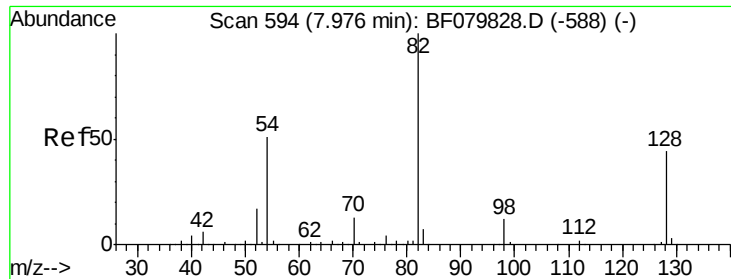
Abundance Ion 136.00 (135.70 to 136.70): E

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

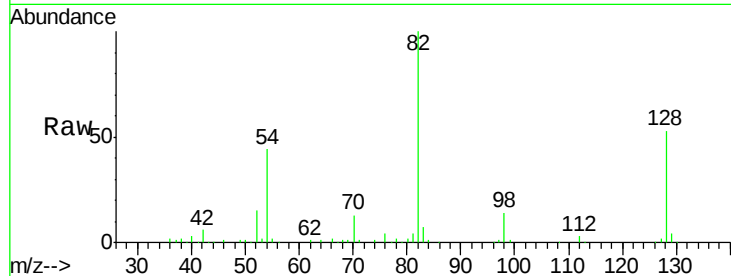




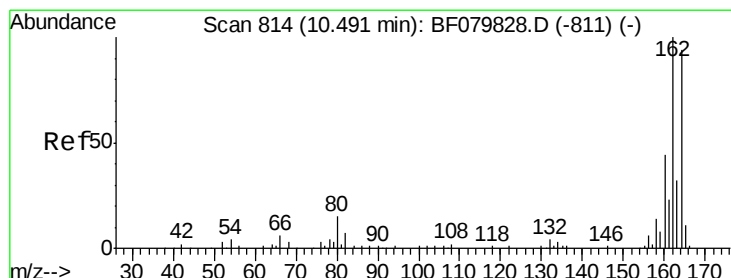
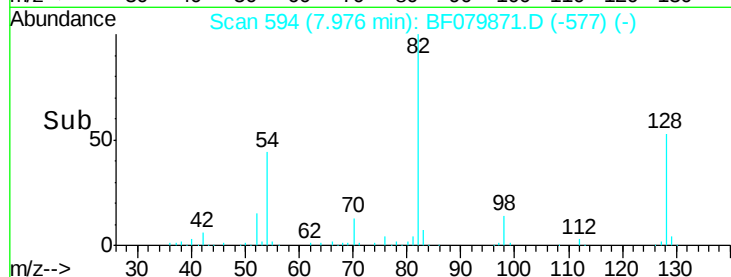
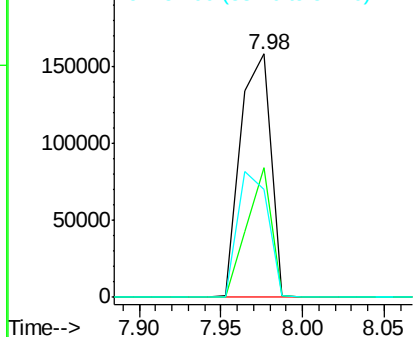
#23
 Nitrobenzene-d5
 Concen: 59.07 ng
 RT: 7.98 min Scan# 594
 Delta R.T. -0.00 min
 Lab File: BF079871.D
 Acq: 10 Jun 2015 18:16

Instrument :
 BNA_F
 ClientSampleId :
 PZ-4-6-3-15

Tgt Ion: 82 Resp: 202338
 Ion Ratio Lower Upper
 82 100
 128 53.3 35.2 52.8#
 54 44.3 39.2 58.8

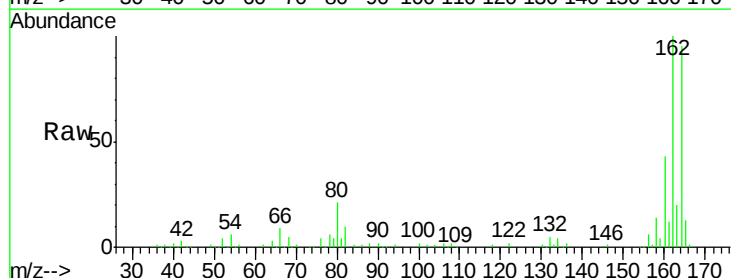


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

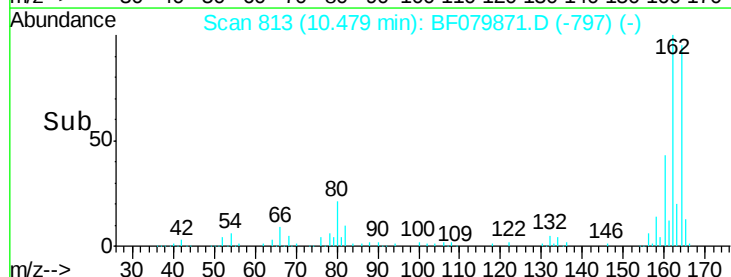
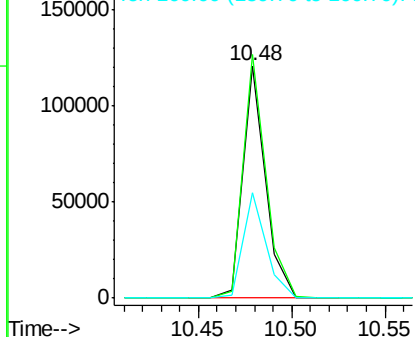


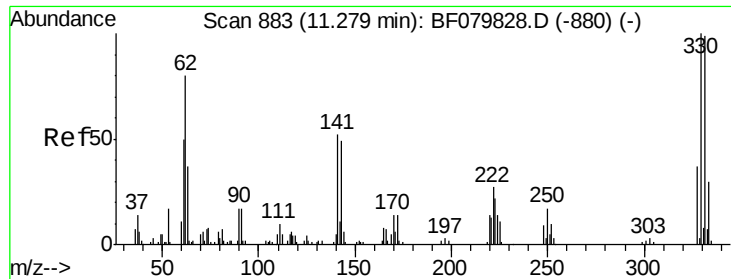
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.48 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF079871.D
 Acq: 10 Jun 2015 18:16

Tgt Ion: 164 Resp: 101088
 Ion Ratio Lower Upper
 164 100
 162 104.8 89.8 134.8
 160 45.4 39.6 59.4



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

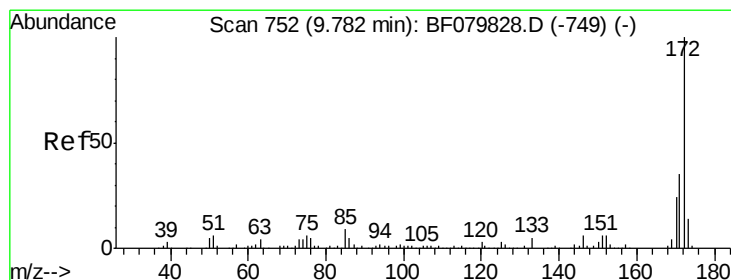
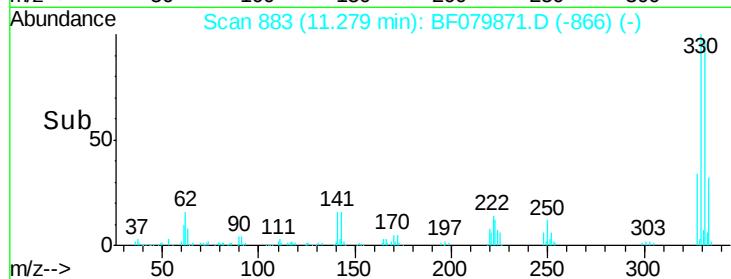
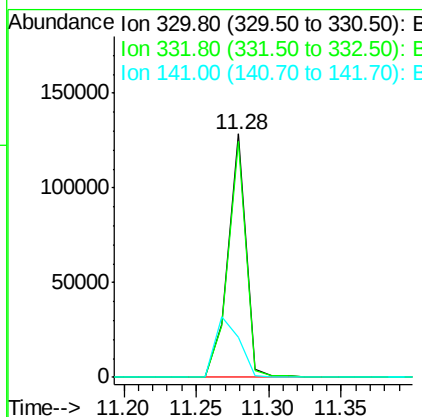
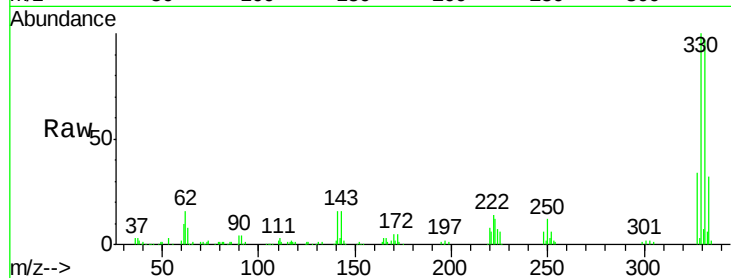




#41
 2,4,6-Tribromophenol
 Concen: 127.45 ng
 RT: 11.28 min Scan# 883
 Delta R.T. -0.00 min
 Lab File: BF079871.D
 Acq: 10 Jun 2015 18:16

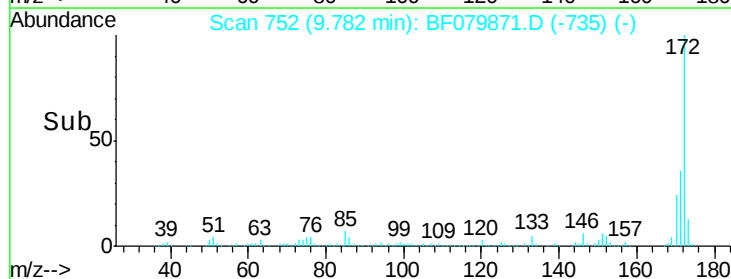
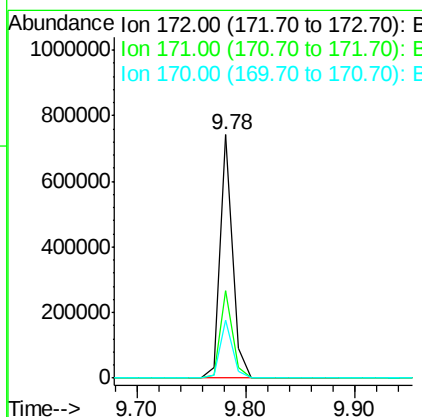
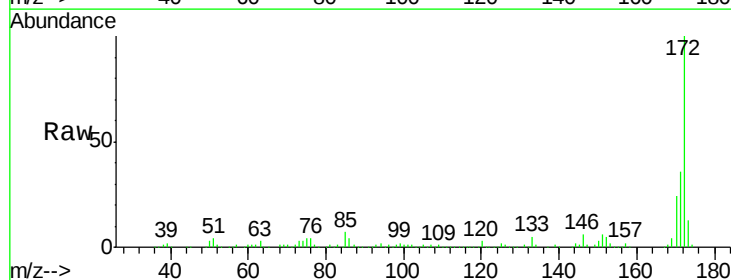
Instrument :
 BNA_F
 ClientSampleId :
 PZ-4-6-3-15

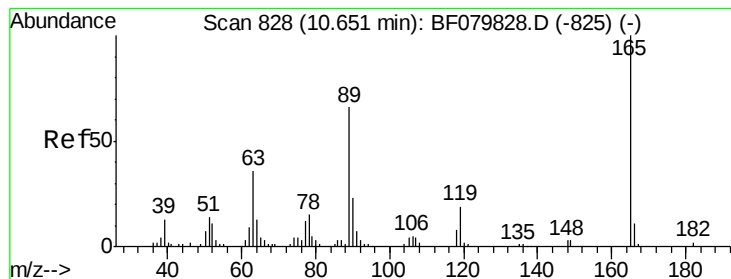
Tgt Ion:330 Resp: 111501
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.8 115.2
 141 33.2 29.1 43.7



#44
 2-Fluorobiphenyl
 Concen: 82.85 ng
 RT: 9.78 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: BF079871.D
 Acq: 10 Jun 2015 18:16

Tgt Ion:172 Resp: 595466
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.5 42.7
 170 24.0 18.8 28.2





#56

2,4-Dinitrotoluene

Concen: 12.41 ng

RT: 10.48 min Scan# 813

Delta R.T. -0.17 min

Lab File: BF079871.D

Acq: 10 Jun 2015 18:16

Instrument :

BNA_F

ClientSampleId :

PZ-4-6-3-15

Tgt Ion:165 Resp: 12951

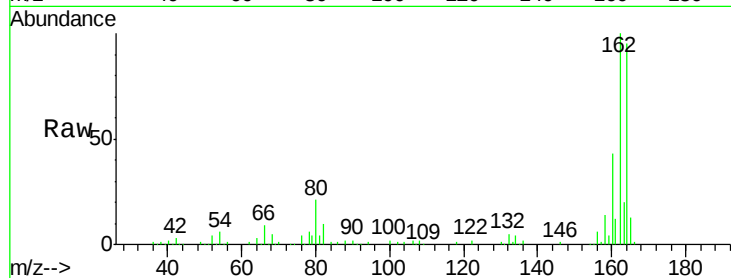
Ion Ratio Lower Upper

165 100

63 0.0 24.4 36.6#

89 0.0 45.3 67.9#

182 0.0 2.0 3.0#

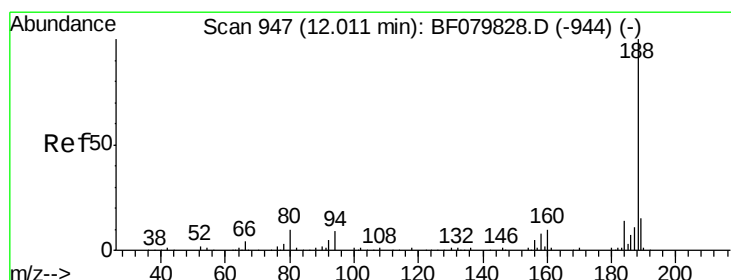
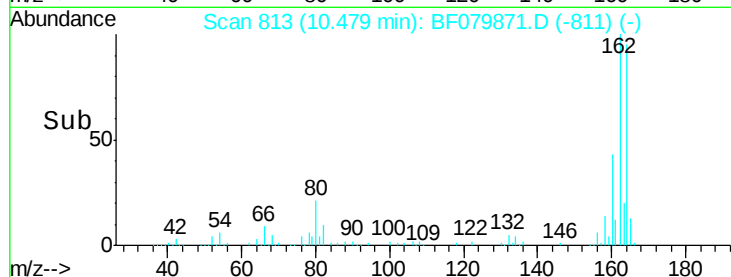
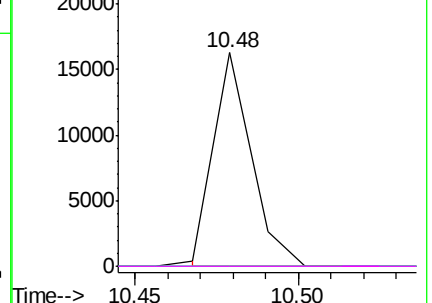


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.99 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF079871.D

Acq: 10 Jun 2015 18:16

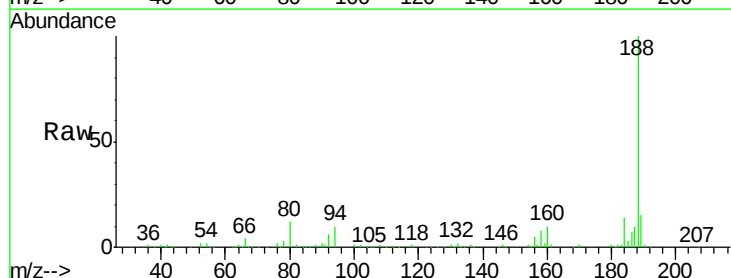
Tgt Ion:188 Resp: 202053

Ion Ratio Lower Upper

188 100

94 10.2 7.4 11.0

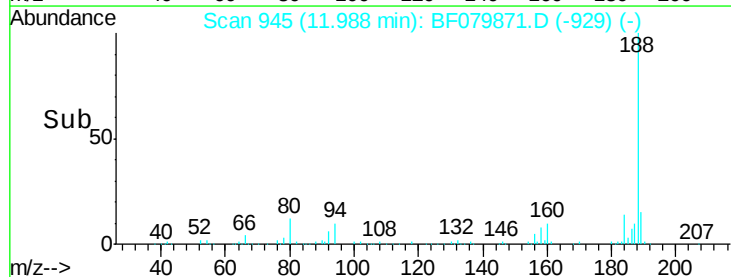
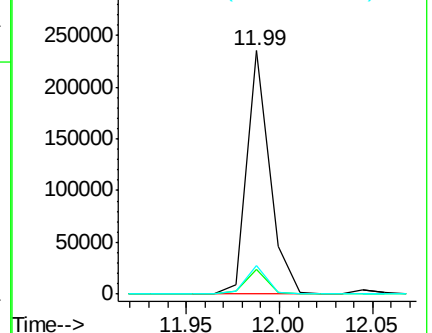
80 11.6 8.0 12.0

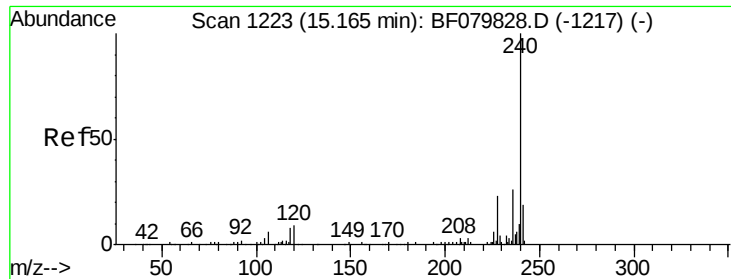


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

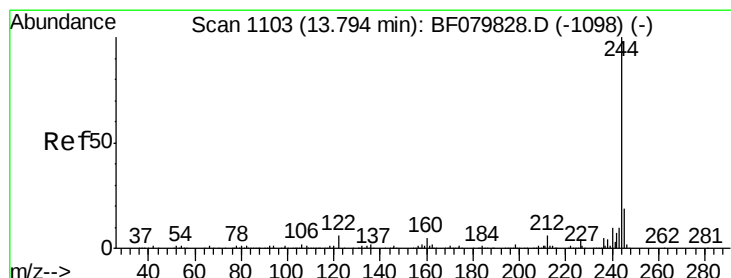
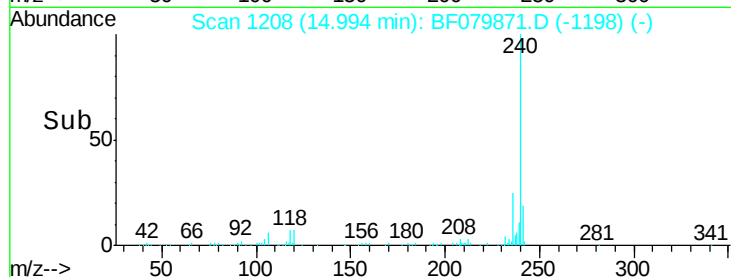
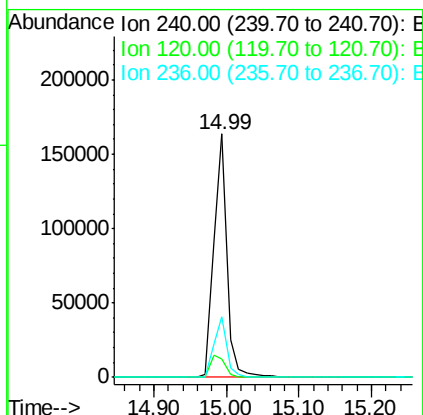
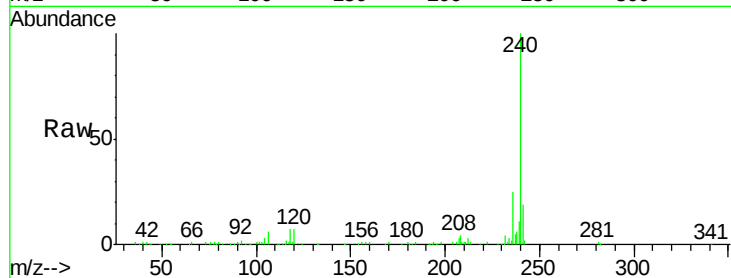




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.99 min Scan# 1208
Delta R.T. -0.08 min
Lab File: BF079871.D
Acq: 10 Jun 2015 18:16

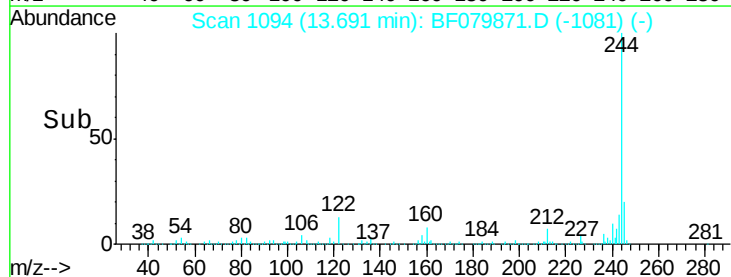
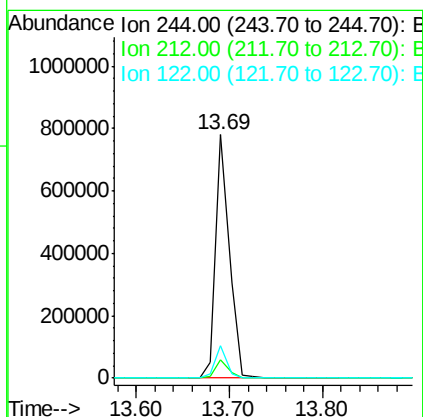
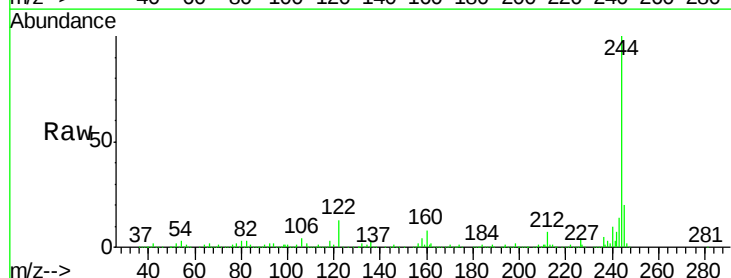
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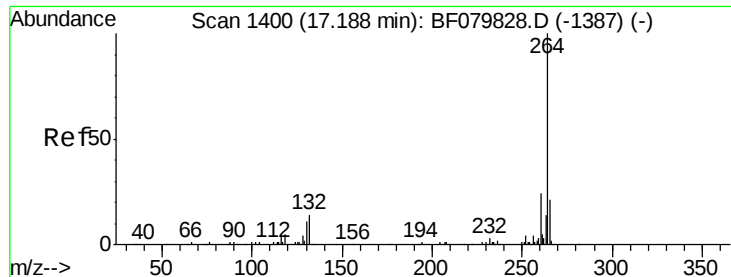
Tgt Ion:240 Resp: 205670
Ion Ratio Lower Upper
240 100
120 7.3 6.6 9.8
236 24.9 20.2 30.4



#78
Terphenyl-d14
Concen: 86.94 ng
RT: 13.69 min Scan# 1094
Delta R.T. -0.05 min
Lab File: BF079871.D
Acq: 10 Jun 2015 18:16

Tgt Ion:244 Resp: 793206
Ion Ratio Lower Upper
244 100
212 7.4 5.6 8.4
122 13.1 8.2 12.2#





#86

Perylene-d12

Concen: 20.00 ng

RT: 16.93 min Scan# 1377

Delta R.T. -0.10 min

Lab File: BF079871.D

Acq: 10 Jun 2015 18:16

Instrument :

BNA_F

ClientSampleId :

PZ-4-6-3-15

Tgt Ion: 264 Resp: 189991

Ion Ratio Lower Upper

264 100

260 23.8 19.5 29.3

265 21.2 18.0 27.0

