

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061015\
 Data File : BF079875.D
 Acq On : 10 Jun 2015 20:13
 Operator : TP/IZ
 Sample : G2523-08
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PZ-8-6-3-15

Quant Time: Jun 11 01:30:29 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

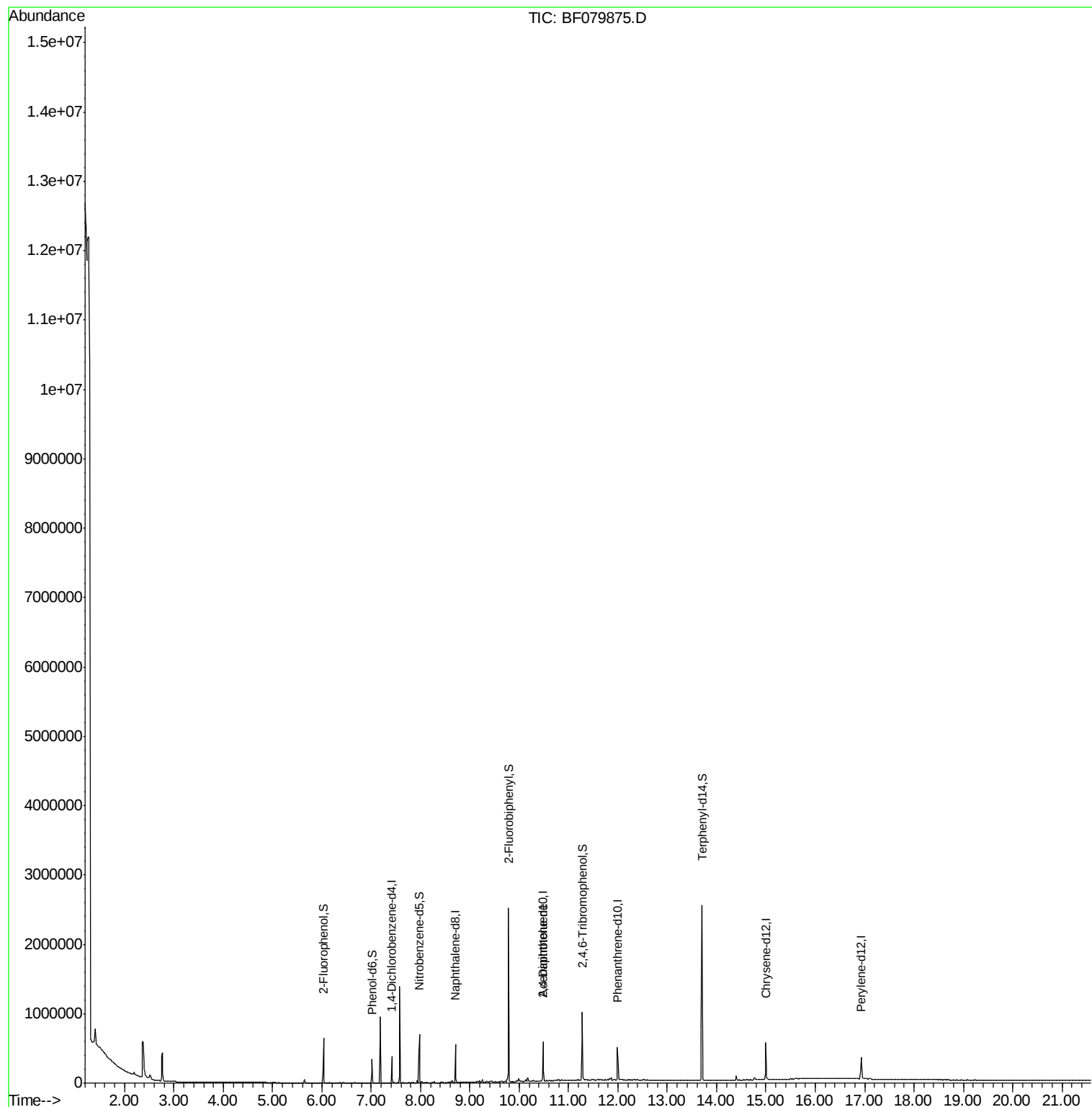
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	52615	20.00	ng	0.00
21) Naphthalene-d8	8.71	136	209356	20.00	ng	0.00
38) Acenaphthene-d10	10.48	164	107309	20.00	ng	-0.01
63) Phenanthrene-d10	11.99	188	213045	20.00	ng	-0.01
75) Chrysene-d12	14.99	240	220644	20.00	ng	-0.08
86) Perylene-d12	16.93	264	202390	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	6.03	112	163534	51.22	ng	0.00
7) Phenol-d6	7.02	99	127546	30.88	ng	0.00
23) Nitrobenzene-d5	7.98	82	265903	73.37	ng	0.00
41) 2,4,6-Tribromophenol	11.28	330	135679	146.10	ng	0.00
44) 2-Fluorobiphenyl	9.78	172	671042	87.95	ng	0.00
78) Terphenyl-d14	13.70	244	858311	87.70	ng	-0.03
Target Compounds						
56) 2,4-Dinitrotoluene	10.48	165	13889	12.47	ng	Qvalue # 34

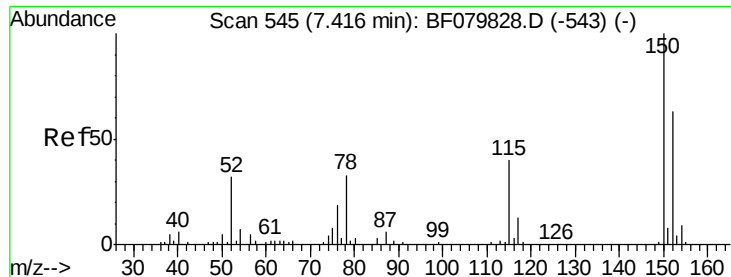
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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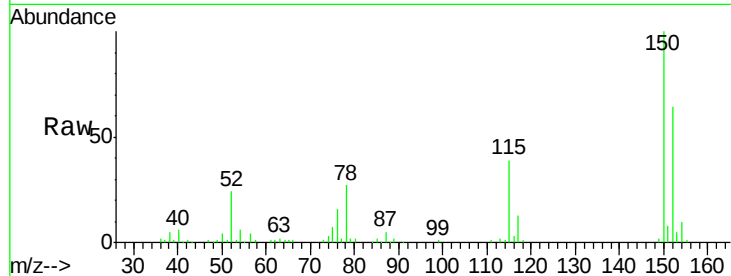


#1

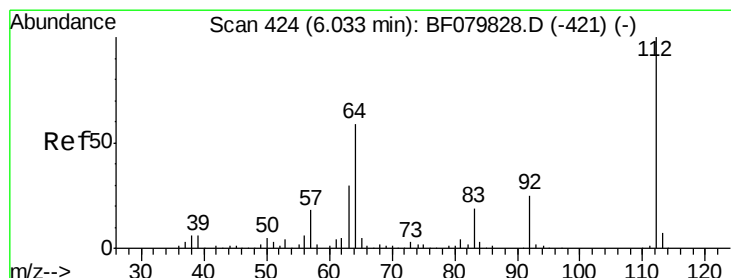
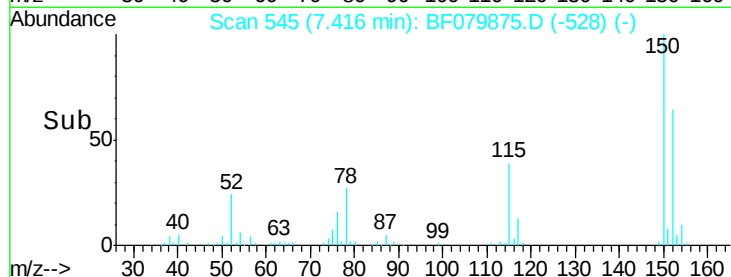
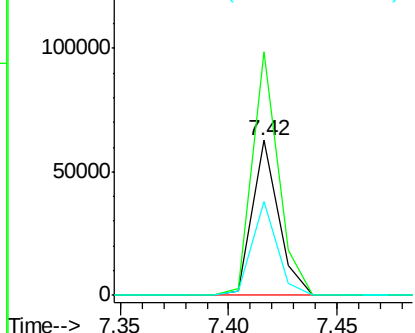
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.42 min Scan# 545
Delta R.T. -0.00 min
Lab File: BF079875.D
Acq: 10 Jun 2015 20:13

Instrument :
BNA_F
ClientSampleId :
PZ-8-6-3-15

Tgt Ion:152 Resp: 52615
Ion Ratio Lower Upper
152 100
150 157.2 131.4 197.2
115 61.0 56.5 84.7



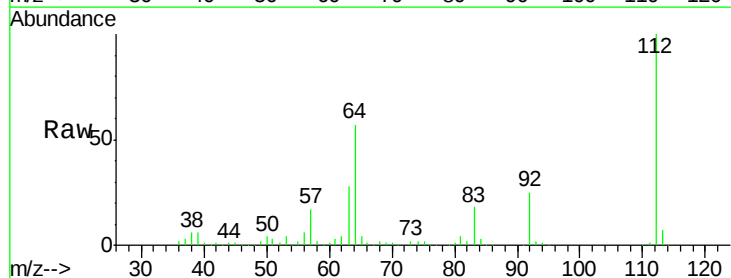
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



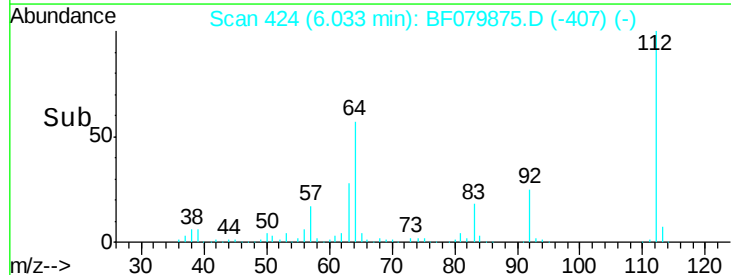
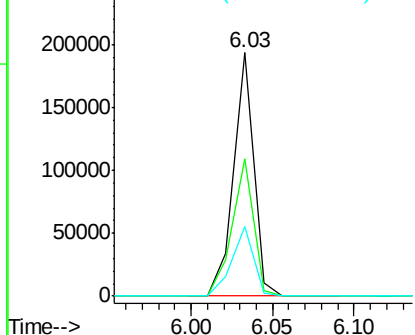
#5

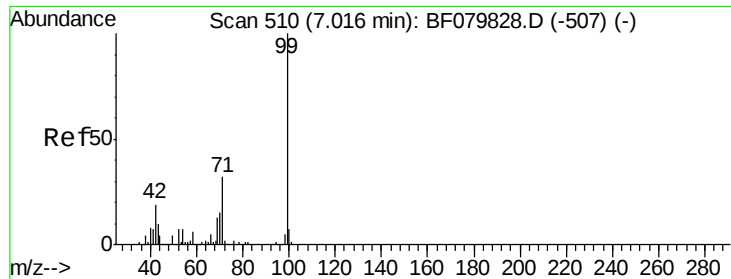
2-Fluorophenol
Concen: 51.22 ng
RT: 6.03 min Scan# 424
Delta R.T. 0.00 min
Lab File: BF079875.D
Acq: 10 Jun 2015 20:13

Tgt Ion:112 Resp: 163534
Ion Ratio Lower Upper
112 100
64 56.5 44.2 66.4
63 28.4 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: 30.88 ng

RT: 7.02 min Scan# 510

Delta R.T. -0.00 min

Lab File: BF079875.D

Acq: 10 Jun 2015 20:13

Instrument :

BNA_F

ClientSampleId :

PZ-8-6-3-15

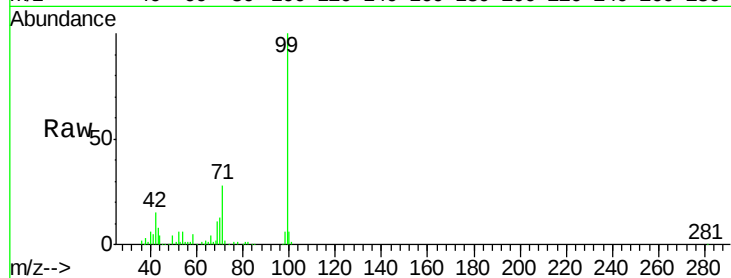
Tgt Ion: 99 Resp: 127546

Ion Ratio Lower Upper

99 100

42 15.1 13.7 20.5

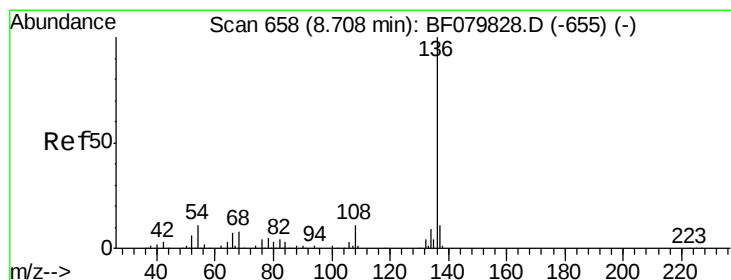
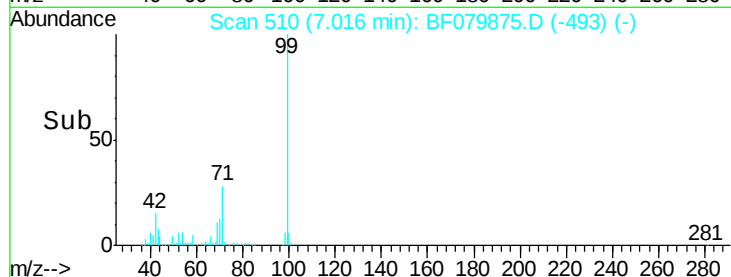
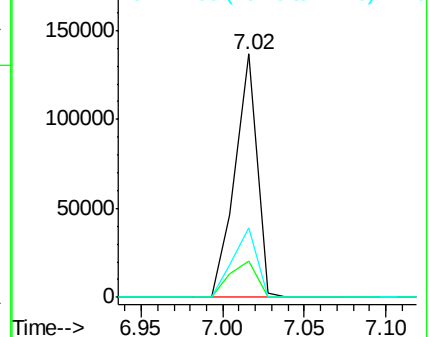
71 28.5 25.1 37.7



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: BF079875.D

Acq: 10 Jun 2015 20:13

Tgt Ion: 136 Resp: 209356

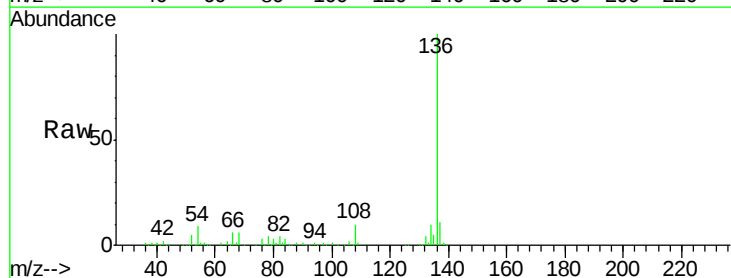
Ion Ratio Lower Upper

136 100

137 11.3 9.3 13.9

54 8.9 8.1 12.1

68 6.5 4.8 7.2

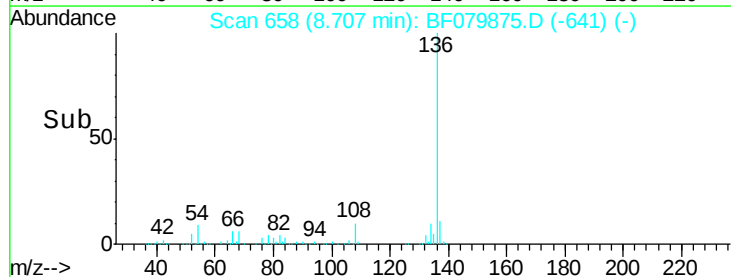
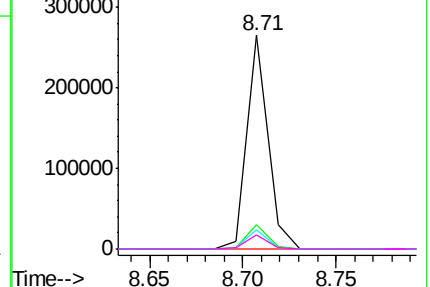


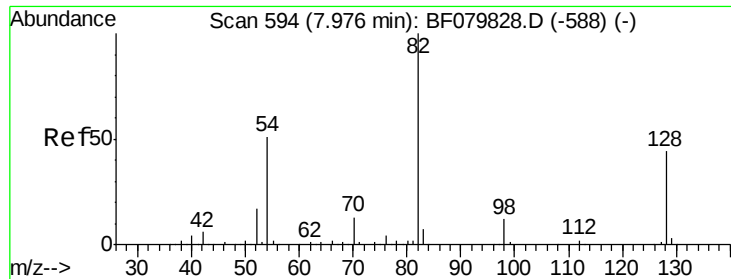
Abundance Ion 136.00 (135.70 to 136.70): E

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

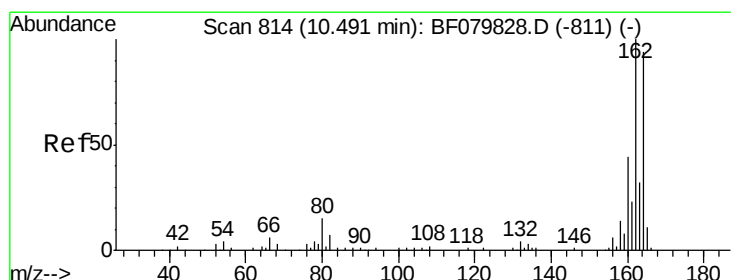
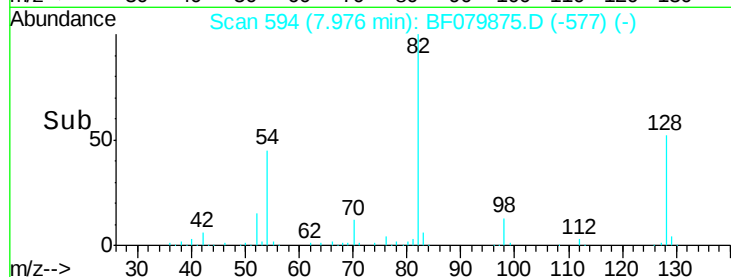
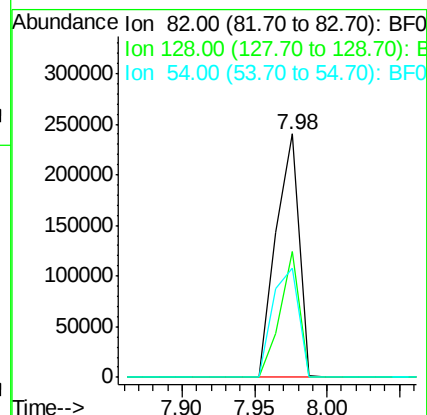
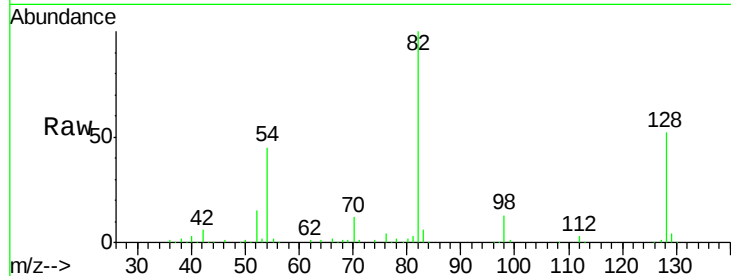




#23
 Nitrobenzene-d5
 Concen: 73.37 ng
 RT: 7.98 min Scan# 594
 Delta R.T. 0.00 min
 Lab File: BF079875.D
 Acq: 10 Jun 2015 20:13

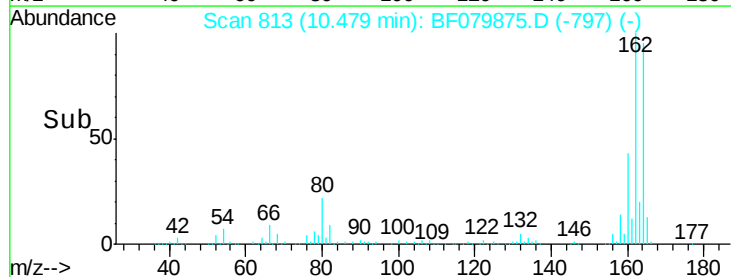
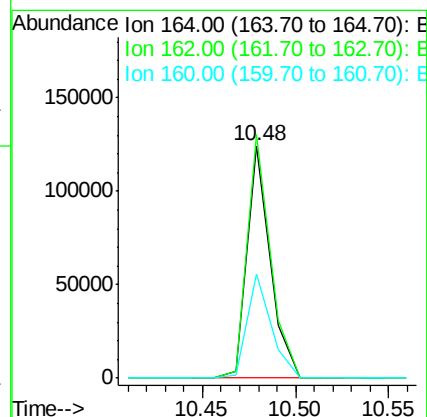
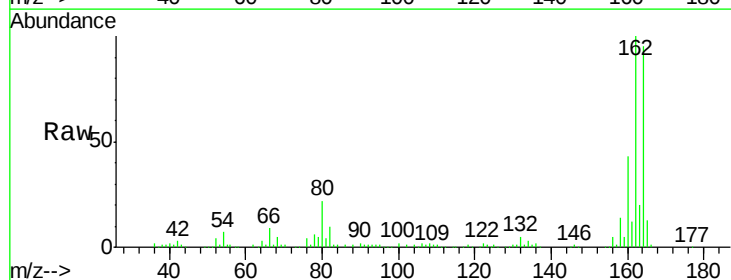
Instrument :
 BNA_F
 ClientSampleId :
 PZ-8-6-3-15

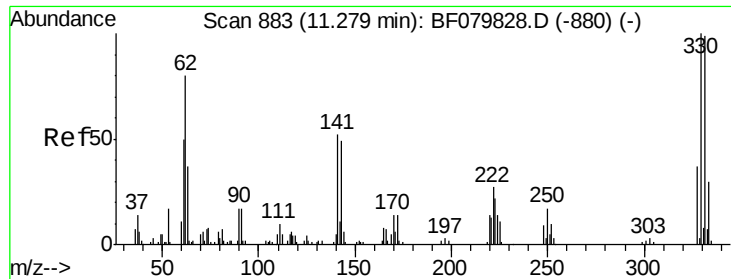
Tgt Ion: 82 Resp: 265903
 Ion Ratio Lower Upper
 82 100
 128 51.5 35.2 52.8
 54 45.0 39.2 58.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.48 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF079875.D
 Acq: 10 Jun 2015 20:13

Tgt Ion: 164 Resp: 107309
 Ion Ratio Lower Upper
 164 100
 162 104.8 89.8 134.8
 160 45.1 39.6 59.4

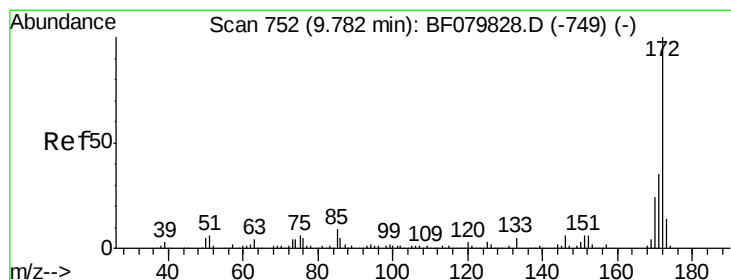
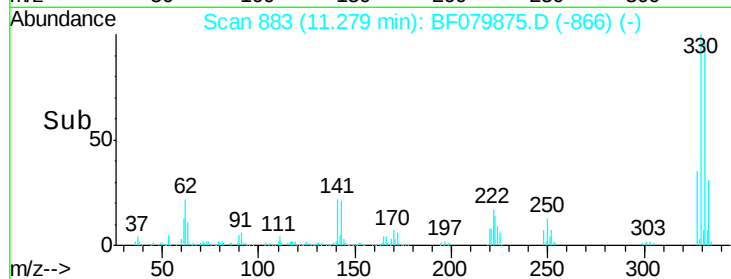
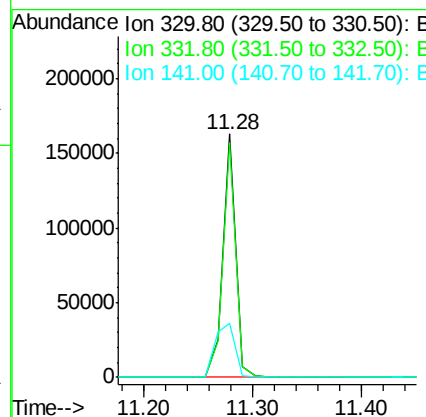
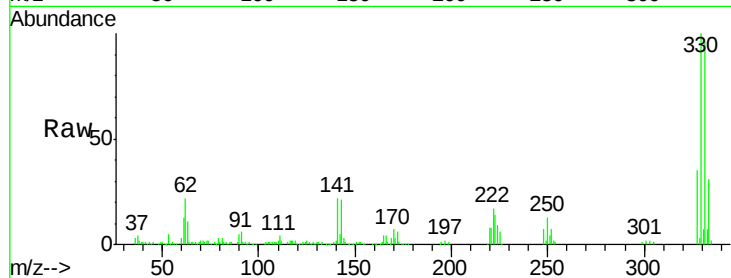




#41
 2,4,6-Tribromophenol
 Concen: 146.10 ng
 RT: 11.28 min Scan# 883
 Delta R.T. -0.00 min
 Lab File: BF079875.D
 Acq: 10 Jun 2015 20:13

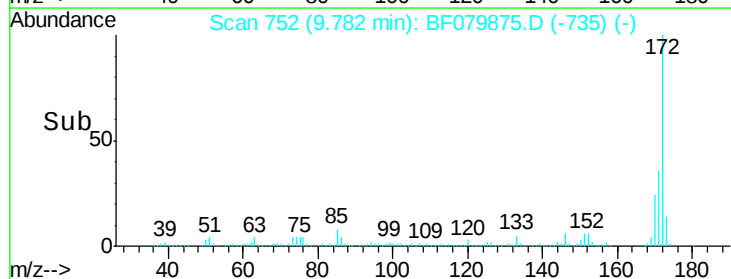
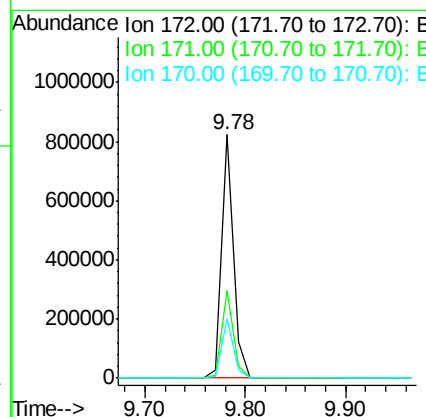
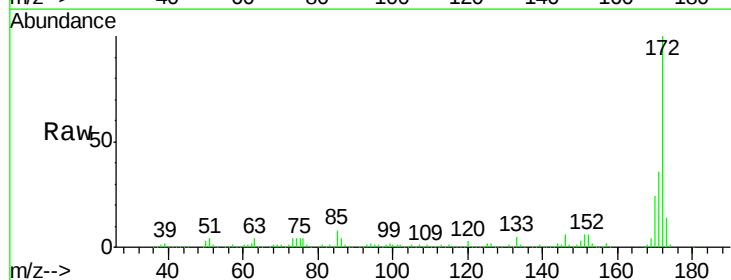
Instrument :
 BNA_F
 ClientSampleId :
 PZ-8-6-3-15

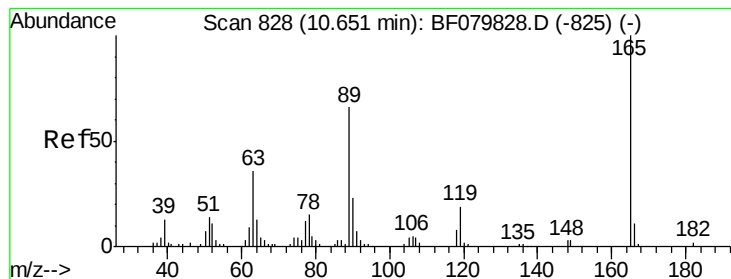
Tgt Ion:330 Resp: 135679
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.8 115.2
 141 35.2 29.1 43.7



#44
 2-Fluorobiphenyl
 Concen: 87.95 ng
 RT: 9.78 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: BF079875.D
 Acq: 10 Jun 2015 20:13

Tgt Ion:172 Resp: 671042
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.5 42.7
 170 24.4 18.8 28.2





#56

2,4-Dinitrotoluene

Concen: 12.47 ng

RT: 10.48 min Scan# 813

Delta R.T. -0.17 min

Lab File: BF079875.D

Acq: 10 Jun 2015 20:13

Instrument :

BNA_F

ClientSampleId :

PZ-8-6-3-15

Tgt Ion:165 Resp: 13889

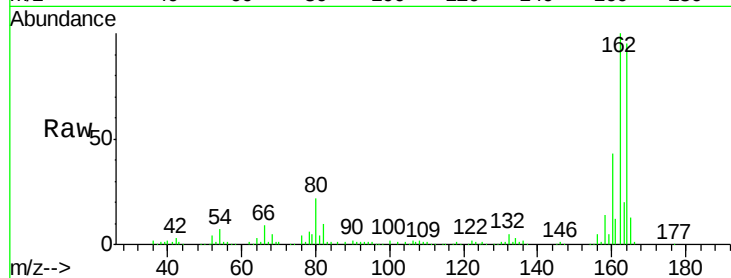
Ion Ratio Lower Upper

165 100

63 2.6 24.4 36.6#

89 0.0 45.3 67.9#

182 0.0 2.0 3.0#

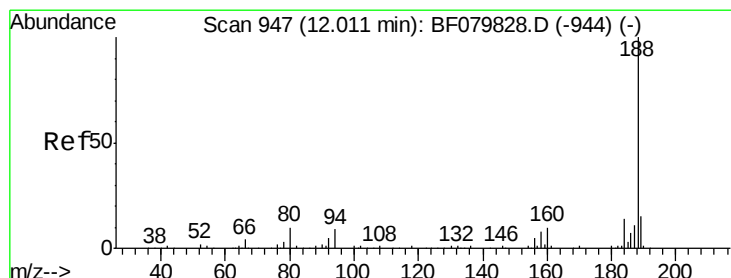
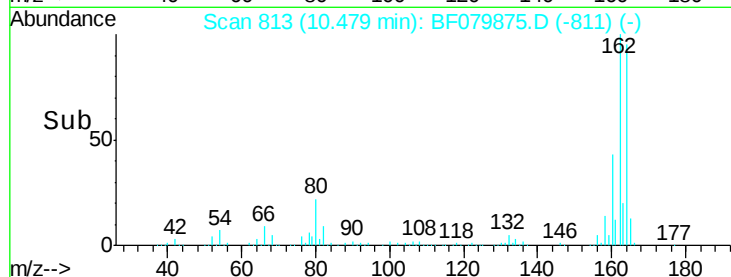
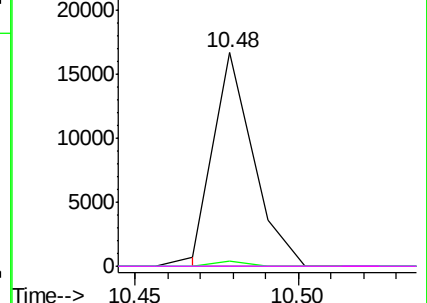


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF079875.D

Acq: 10 Jun 2015 20:13

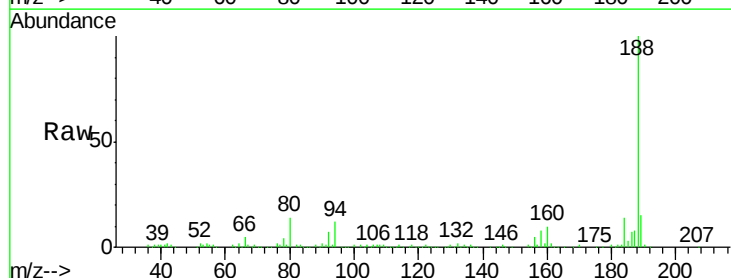
Tgt Ion:188 Resp: 213045

Ion Ratio Lower Upper

188 100

94 12.3 7.4 11.0#

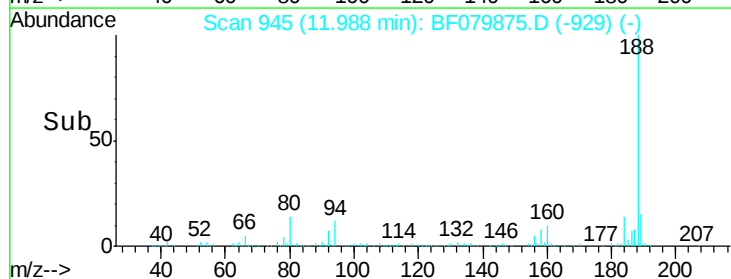
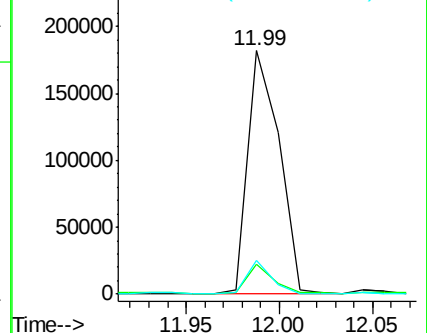
80 13.9 8.0 12.0#

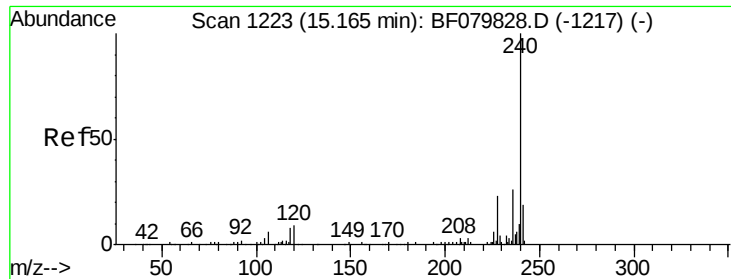


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF079875.D

Acq: 10 Jun 2015 20:13

Instrument :

BNA_F

ClientSampleId :

PZ-8-6-3-15

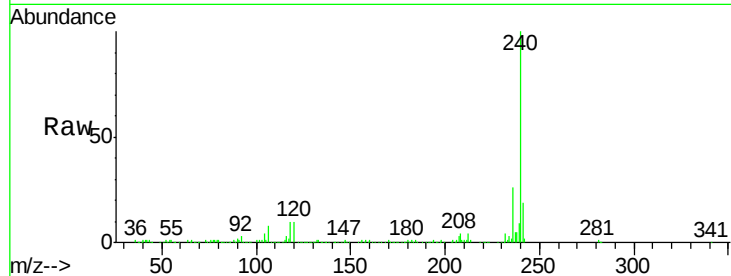
Tgt Ion:240 Resp: 220644

Ion Ratio Lower Upper

240 100

120 10.3 6.6 9.8#

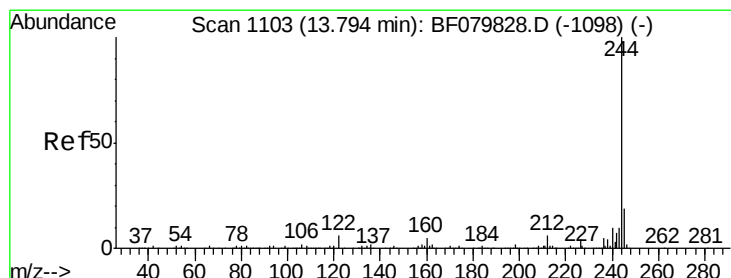
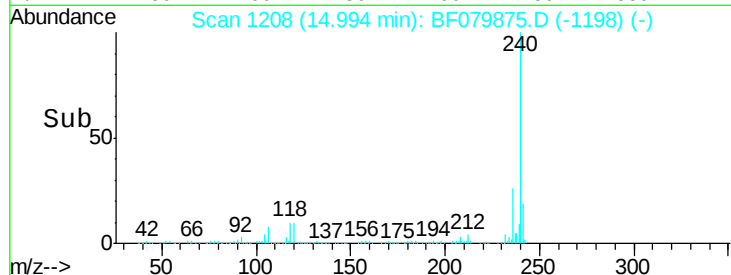
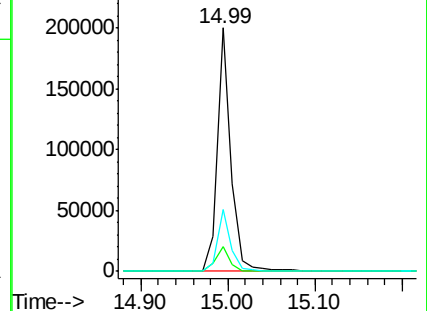
236 25.7 20.2 30.4



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: 87.70 ng

RT: 13.70 min Scan# 1095

Delta R.T. -0.03 min

Lab File: BF079875.D

Acq: 10 Jun 2015 20:13

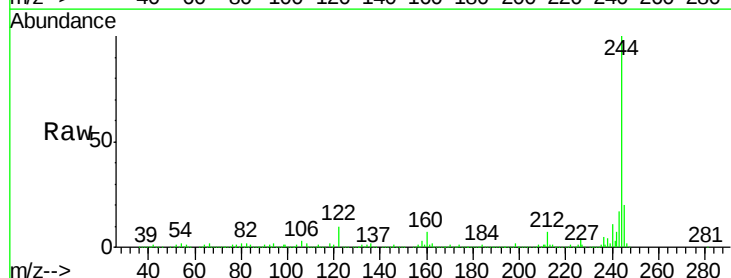
Tgt Ion:244 Resp: 858311

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

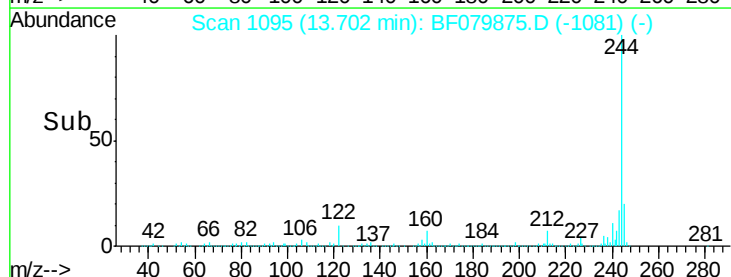
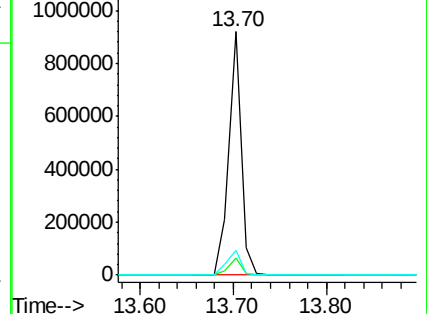
122 9.9 8.2 12.2

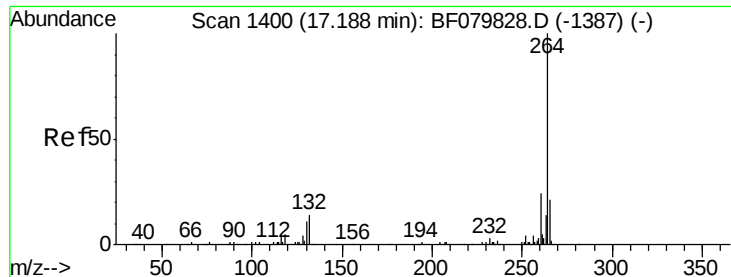


Abundance Ion 244.00 (243.70 to 244.70): E

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. -0.10 min
Lab File: BF079875.D
Acq: 10 Jun 2015 20:13

Instrument :
BNA_F
ClientSampleId :
PZ-8-6-3-15

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	21.5	18.0	27.0

