

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061015\
 Data File : BF079872.D
 Acq On : 10 Jun 2015 18:45
 Operator : TP/IZ
 Sample : G2523-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LIP-16-6-3-15

Quant Time: Jun 11 01:29:57 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

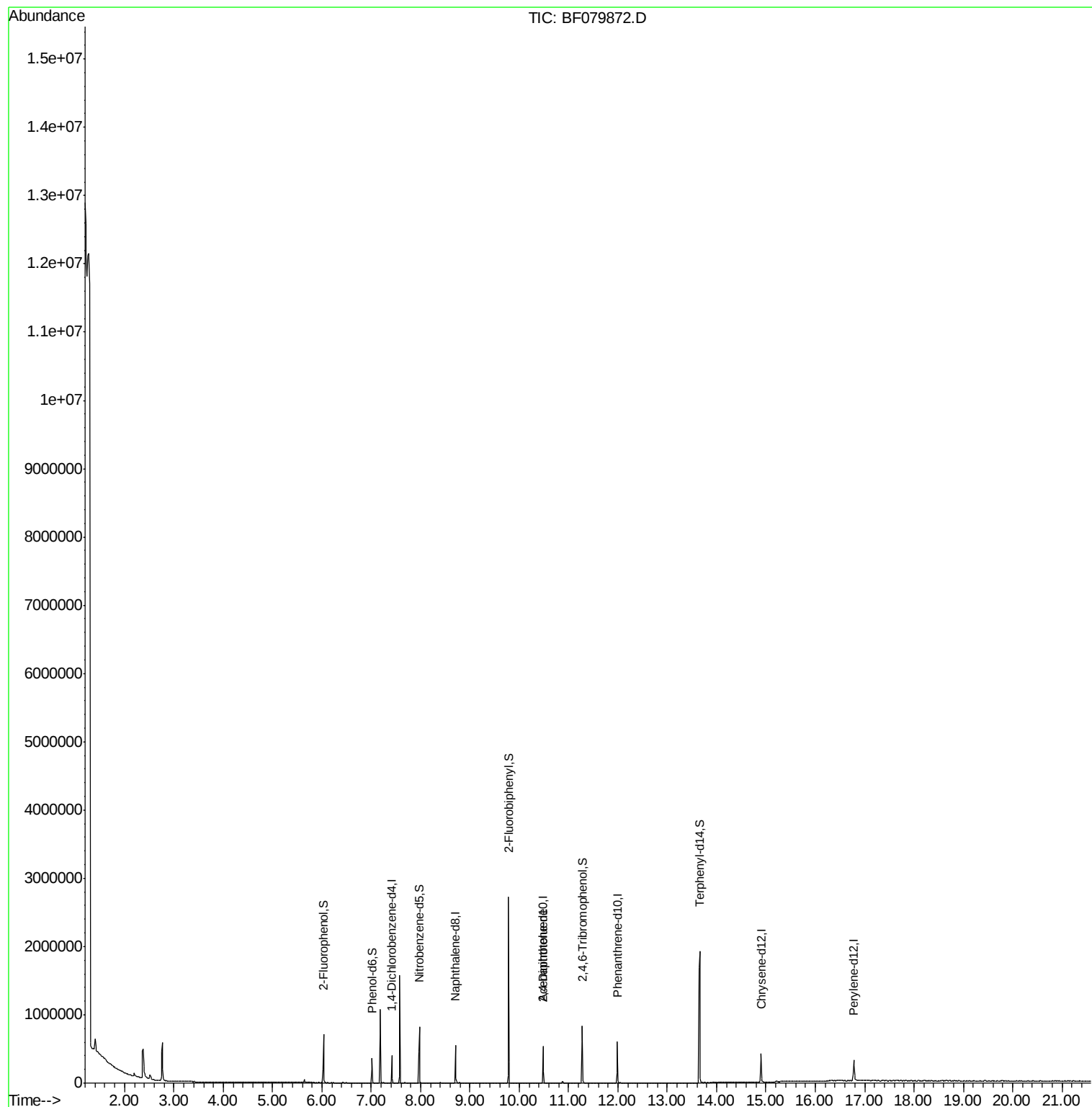
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	54581	20.00	ng	0.00
21) Naphthalene-d8	8.71	136	216903	20.00	ng	0.00
38) Acenaphthene-d10	10.48	164	106876	20.00	ng	-0.01
63) Phenanthrene-d10	11.99	188	224221	20.00	ng	-0.01
75) Chrysene-d12	14.90	240	221364	20.00	ng	-0.17
86) Perylene-d12	16.78	264	203533	20.00	ng	-0.25
System Monitoring Compounds						
5) 2-Fluorophenol	6.03	112	182880	55.22	ng	0.00
7) Phenol-d6	7.02	99	144959	33.83	ng	0.00
23) Nitrobenzene-d5	7.98	82	295141	78.61	ng	0.00
41) 2,4,6-Tribromophenol	11.28	330	127763	138.13	ng	0.00
44) 2-Fluorobiphenyl	9.78	172	743023	97.78	ng	0.00
78) Terphenyl-d14	13.66	244	913167	93.00	ng	-0.08
Target Compounds						
56) 2,4-Dinitrotoluene	10.48	165	13034	12.13	ng	Qvalue # 32

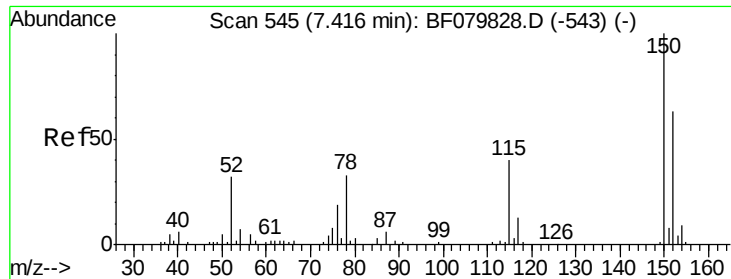
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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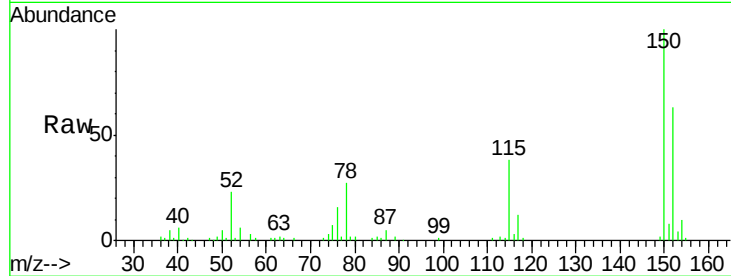


#1

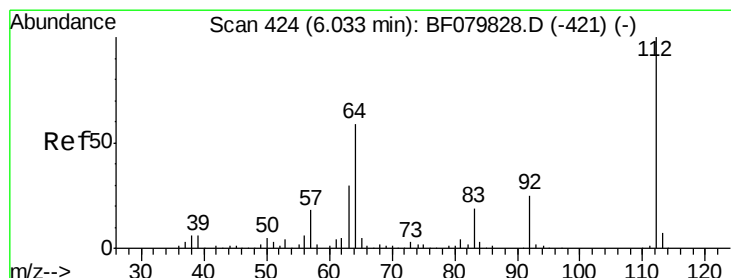
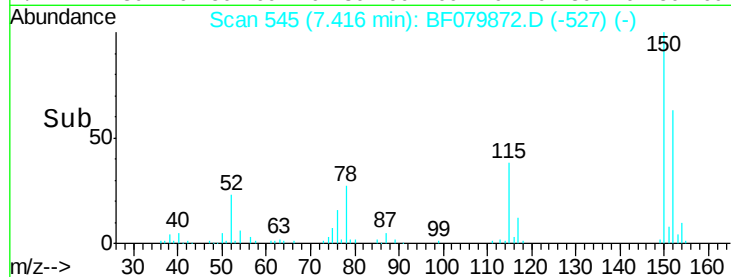
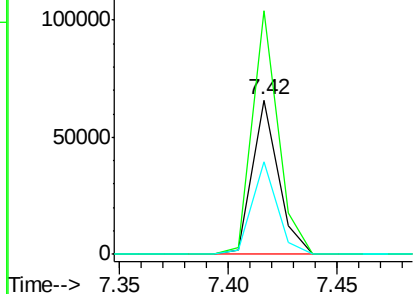
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.42 min Scan# 545
Delta R.T. 0.00 min
Lab File: BF079872.D
Acq: 10 Jun 2015 18:45

Instrument :
BNA_F
ClientSampleId :
LIP-16-6-3-15

Tgt Ion:152 Resp: 54581
Ion Ratio Lower Upper
152 100
150 157.6 131.4 197.2
115 60.0 56.5 84.7



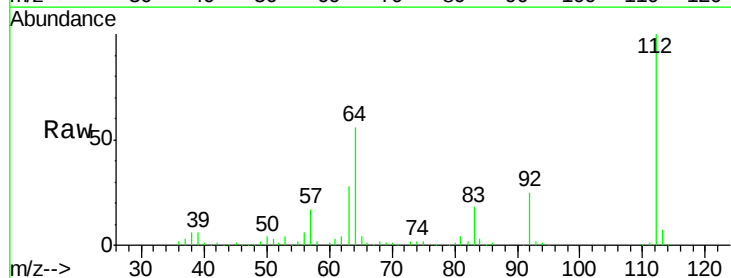
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



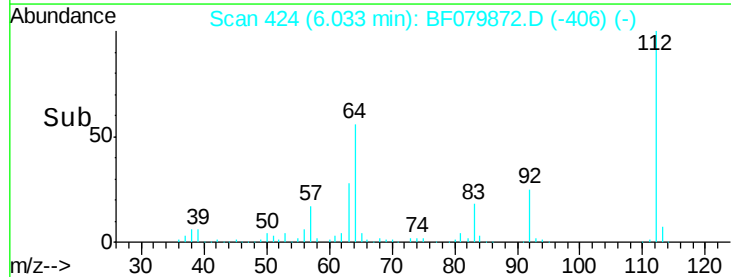
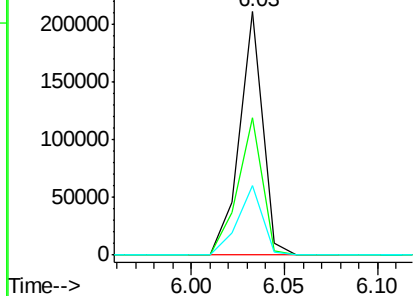
#5

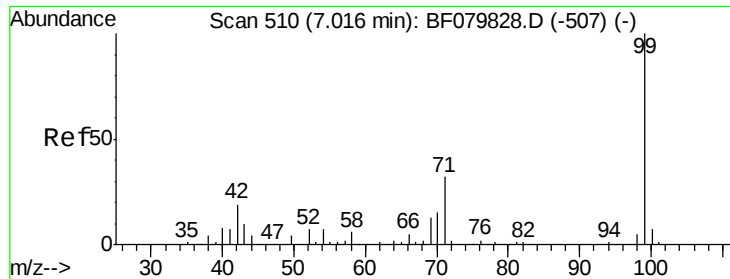
2-Fluorophenol
Concen: 55.22 ng
RT: 6.03 min Scan# 424
Delta R.T. 0.00 min
Lab File: BF079872.D
Acq: 10 Jun 2015 18:45

Tgt Ion:112 Resp: 182880
Ion Ratio Lower Upper
112 100
64 56.3 44.2 66.4
63 28.5 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: 33.83 ng

RT: 7.02 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF079872.D

Acq: 10 Jun 2015 18:45

Instrument :

BNA_F

ClientSampleId :

LIP-16-6-3-15

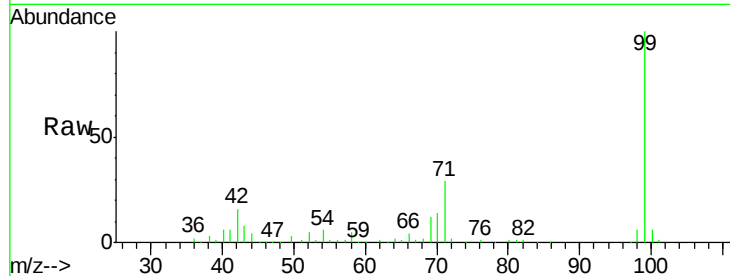
Tgt Ion: 99 Resp: 144959

Ion Ratio Lower Upper

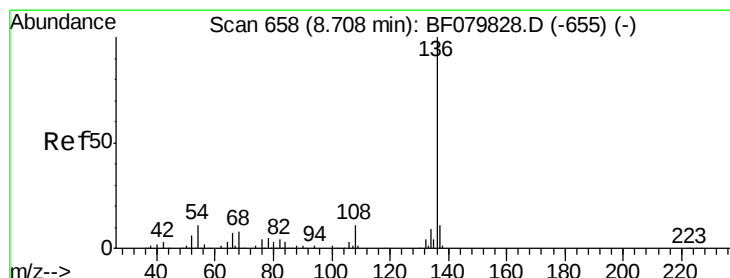
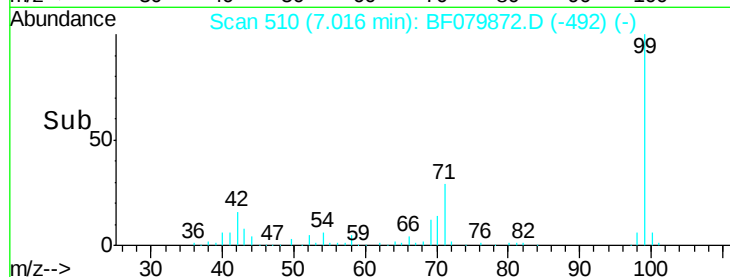
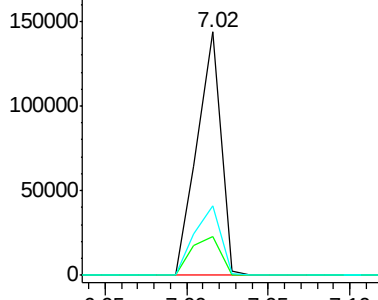
99 100

42 15.8 13.7 20.5

71 28.6 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: BF079872.D

Acq: 10 Jun 2015 18:45

Tgt Ion: 136 Resp: 216903

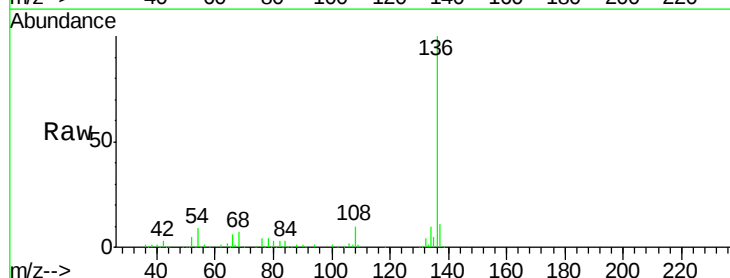
Ion Ratio Lower Upper

136 100

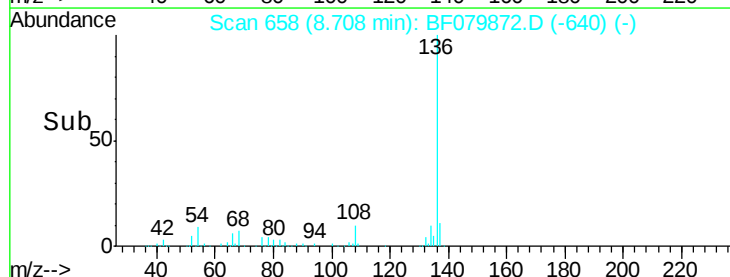
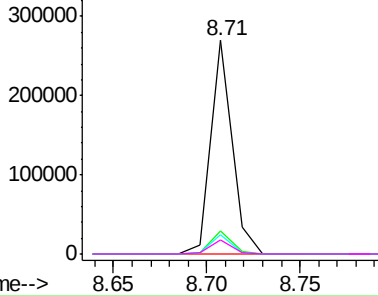
137 10.7 9.3 13.9

54 8.7 8.1 12.1

68 6.6 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

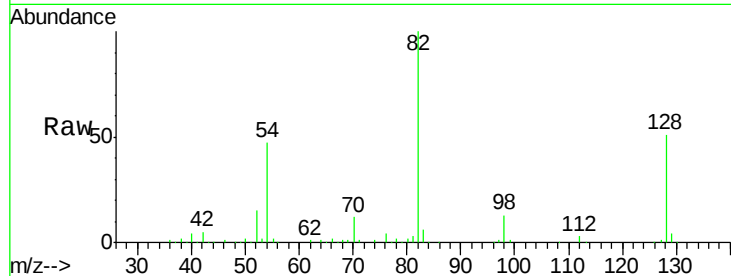




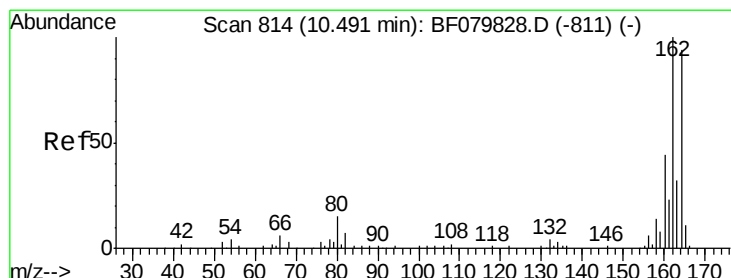
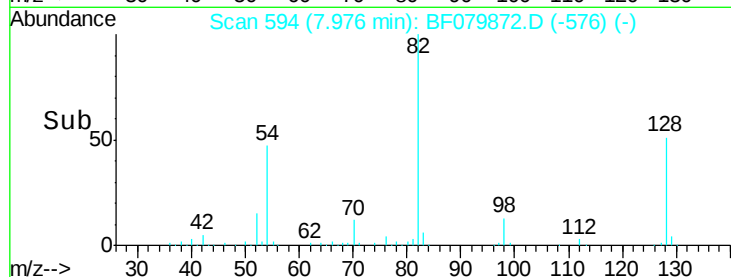
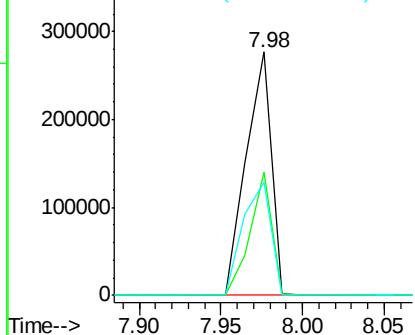
#23
 Nitrobenzene-d5
 Concen: 78.61 ng
 RT: 7.98 min Scan# 594
 Delta R.T. 0.00 min
 Lab File: BF079872.D
 Acq: 10 Jun 2015 18:45

Instrument :
 BNA_F
 ClientSampleId :
 LIP-16-6-3-15

Tgt Ion: 82 Resp: 295141
 Ion Ratio Lower Upper
 82 100
 128 50.7 35.2 52.8
 54 46.6 39.2 58.8

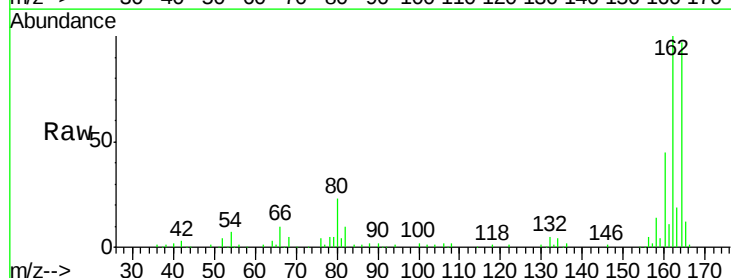


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

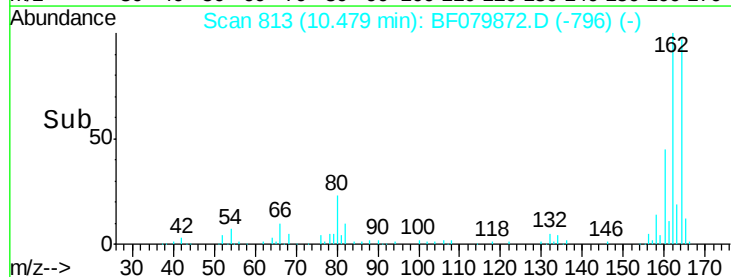
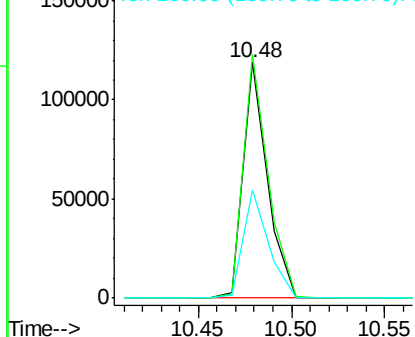


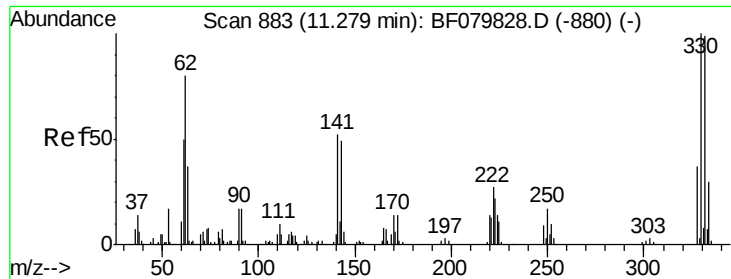
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.48 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF079872.D
 Acq: 10 Jun 2015 18:45

Tgt Ion: 164 Resp: 106876
 Ion Ratio Lower Upper
 164 100
 162 103.4 89.8 134.8
 160 46.0 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

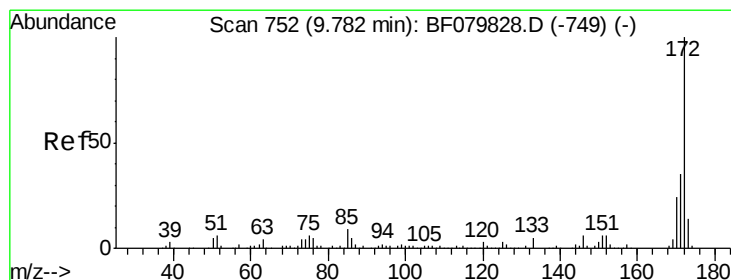
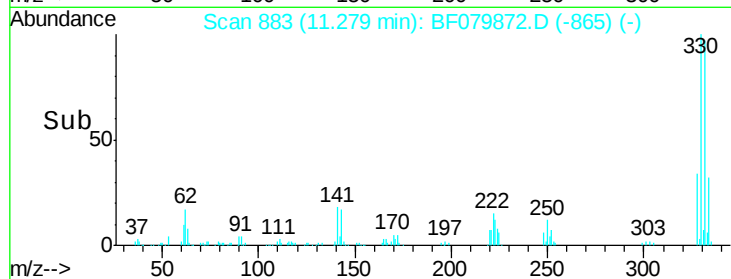
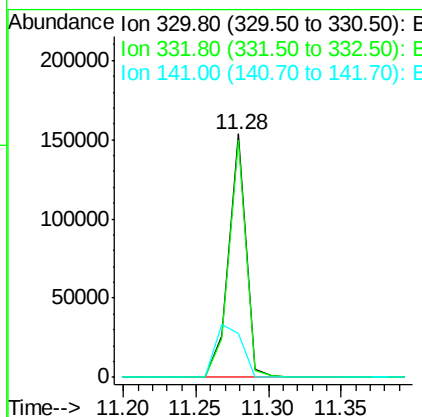
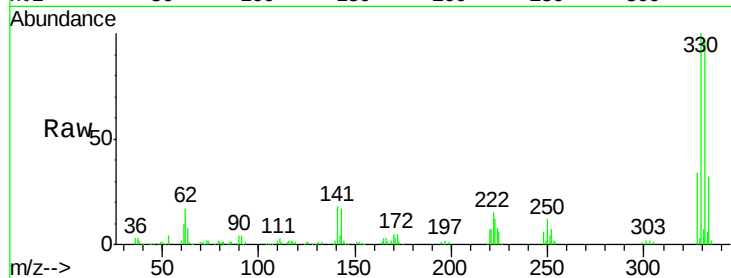




#41
 2,4,6-Tribromophenol
 Concen: 138.13 ng
 RT: 11.28 min Scan# 883
 Delta R.T. 0.00 min
 Lab File: BF079872.D
 Acq: 10 Jun 2015 18:45

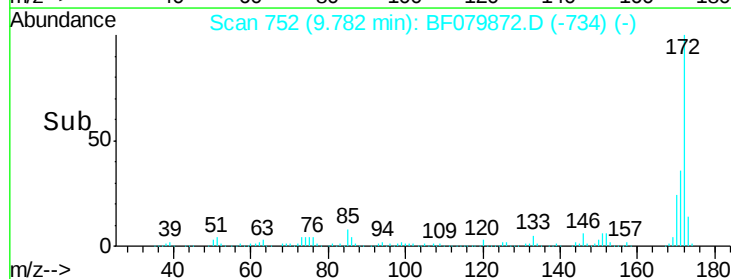
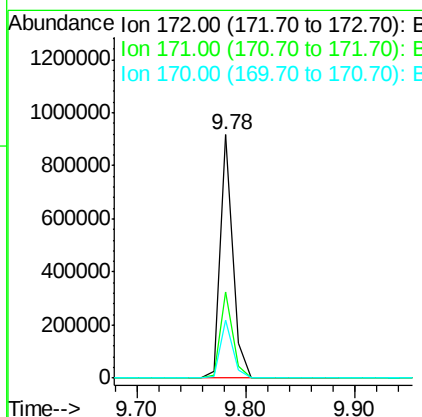
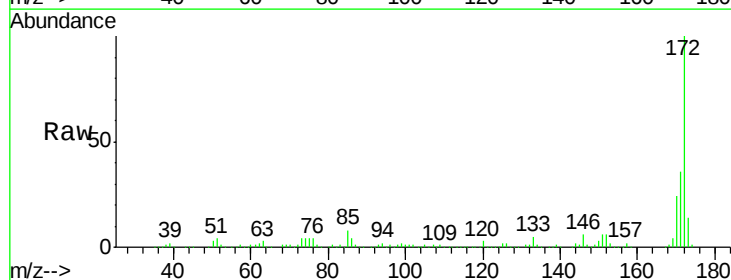
Instrument :
 BNA_F
 ClientSampleId :
 LIP-16-6-3-15

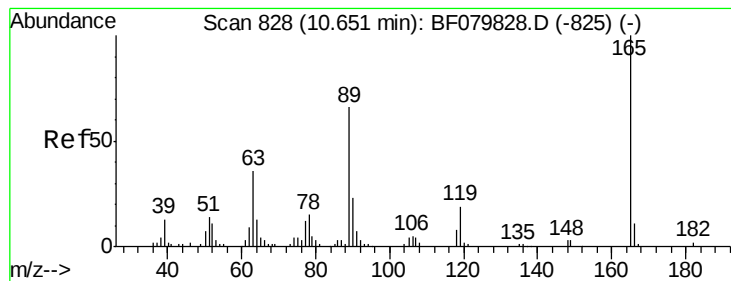
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.8	115.2
141	33.2	29.1	43.7



#44
 2-Fluorobiphenyl
 Concen: 97.78 ng
 RT: 9.78 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF079872.D
 Acq: 10 Jun 2015 18:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.5	42.7
170	23.8	18.8	28.2





#56

2,4-Dinitrotoluene

Concen: 12.13 ng

RT: 10.48 min Scan# 813

Delta R.T. -0.17 min

Lab File: BF079872.D

Acq: 10 Jun 2015 18:45

Instrument :

BNA_F

ClientSampleId :

LIP-16-6-3-15

Tgt Ion:165 Resp: 13034

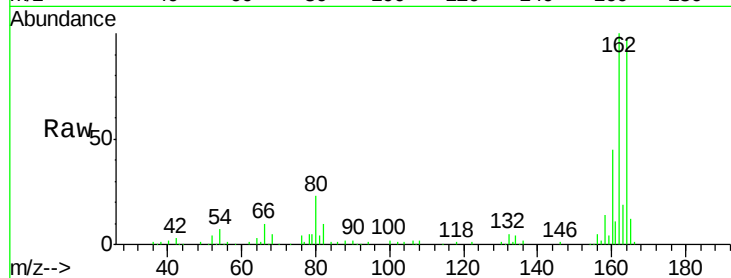
Ion Ratio Lower Upper

165 100

63 0.0 24.4 36.6#

89 0.0 45.3 67.9#

182 0.0 2.0 3.0#

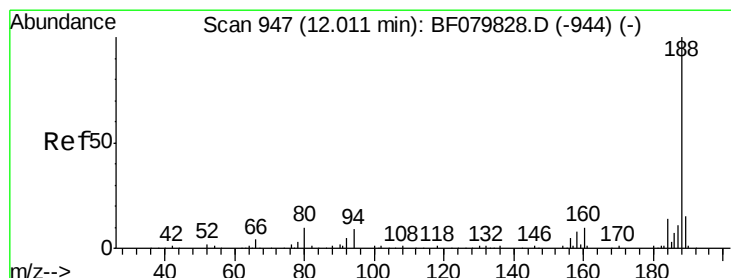
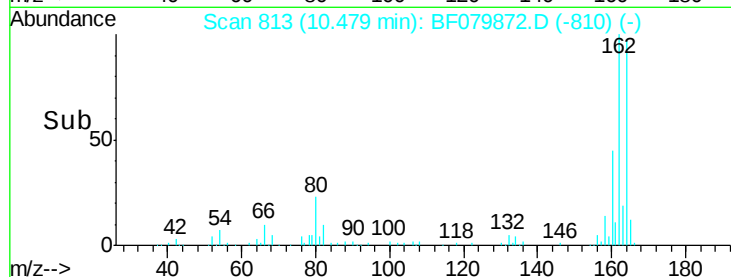
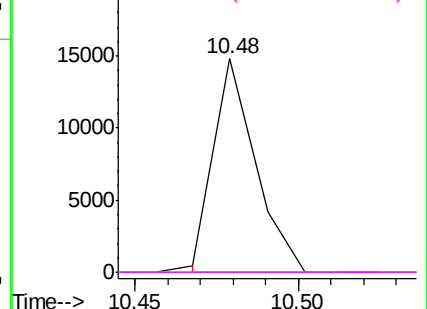


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF079872.D

Acq: 10 Jun 2015 18:45

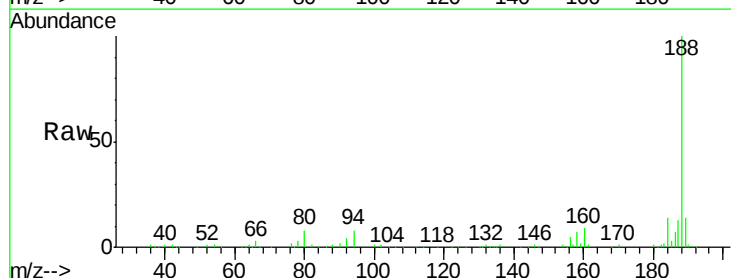
Tgt Ion:188 Resp: 224221

Ion Ratio Lower Upper

188 100

94 8.2 7.4 11.0

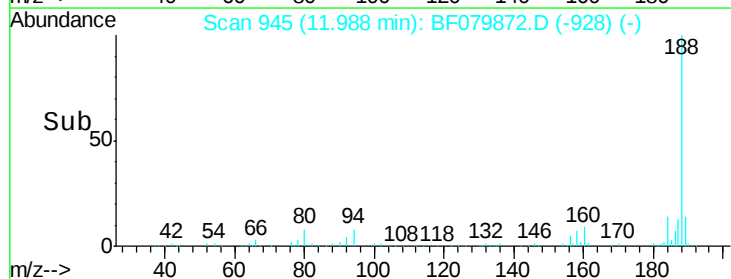
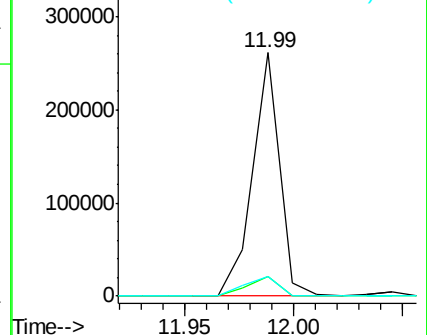
80 8.3 8.0 12.0

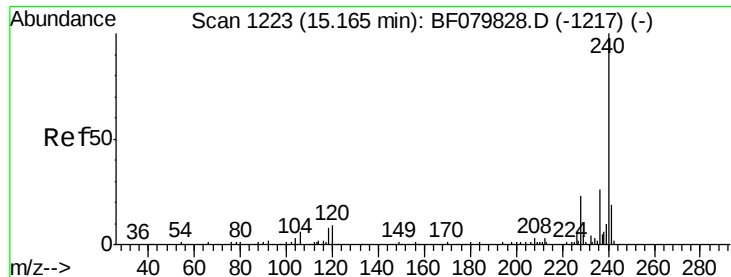


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.90 min Scan# 1200

Delta R.T. -0.17 min

Lab File: BF079872.D

Acq: 10 Jun 2015 18:45

Instrument :

BNA_F

ClientSampleId :

LIP-16-6-3-15

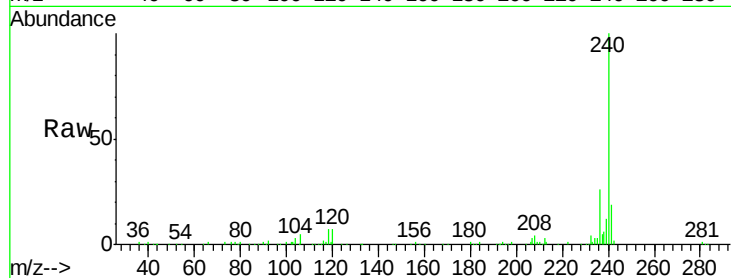
Tgt Ion:240 Resp: 221364

Ion Ratio Lower Upper

240 100

120 7.4 6.6 9.8

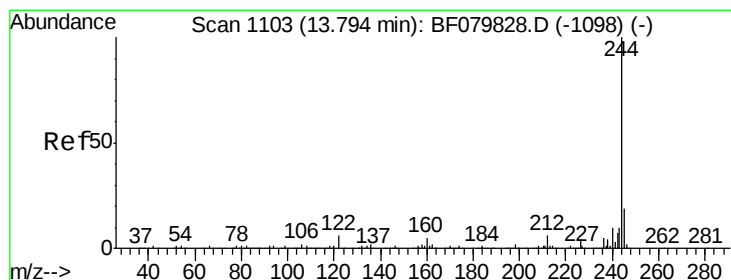
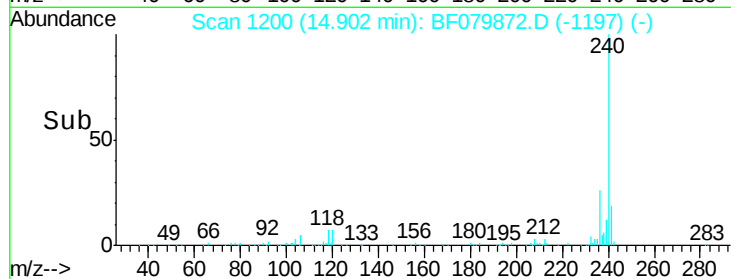
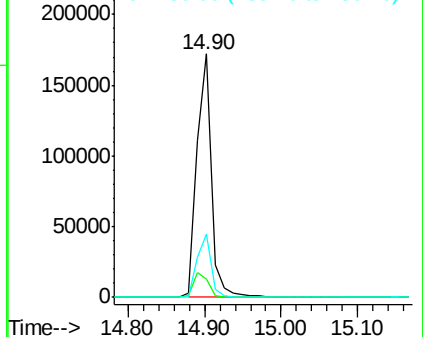
236 25.7 20.2 30.4



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: 93.00 ng

RT: 13.66 min Scan# 1091

Delta R.T. -0.08 min

Lab File: BF079872.D

Acq: 10 Jun 2015 18:45

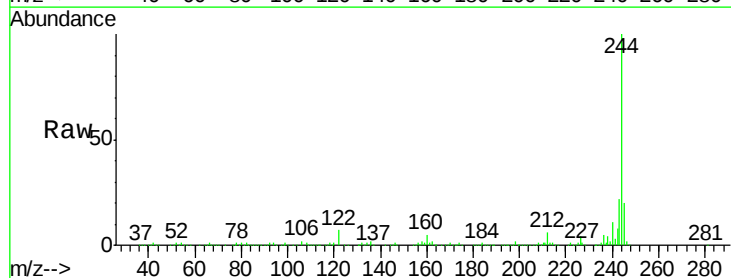
Tgt Ion:244 Resp: 913167

Ion Ratio Lower Upper

244 100

212 6.3 5.6 8.4

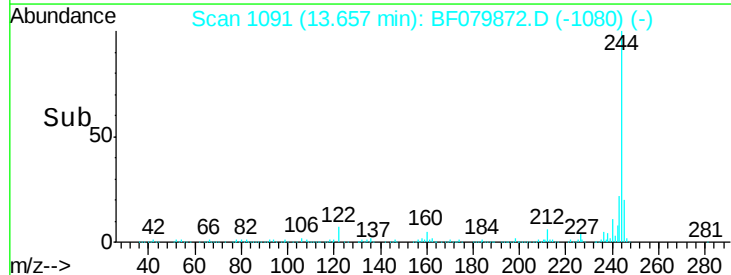
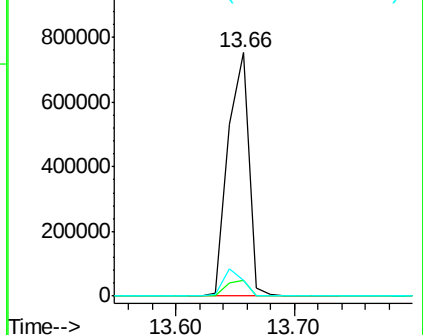
122 6.6 8.2 12.2#

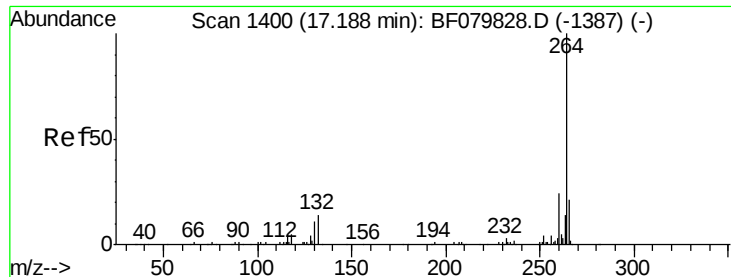


Abundance Ion 244.00 (243.70 to 244.70): E

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: 16.78 min Scan# 1364
Delta R.T. -0.25 min
Lab File: BF079872.D
Acq: 10 Jun 2015 18:45

Instrument :
BNA_F
ClientSampleId :
LIP-16-6-3-15

Tgt Ion: 264 Resp: 203533
Ion Ratio Lower Upper
264 100
260 23.5 19.5 29.3
265 22.1 18.0 27.0

