

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
 Data File : BF079955.D
 Acq On : 13 Jun 2015 00:59
 Operator : TP/IZ
 Sample : G2590-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S10

Quant Time: Jun 13 01:40:52 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 12 22:57:49 2015
 Response via : Initial Calibration

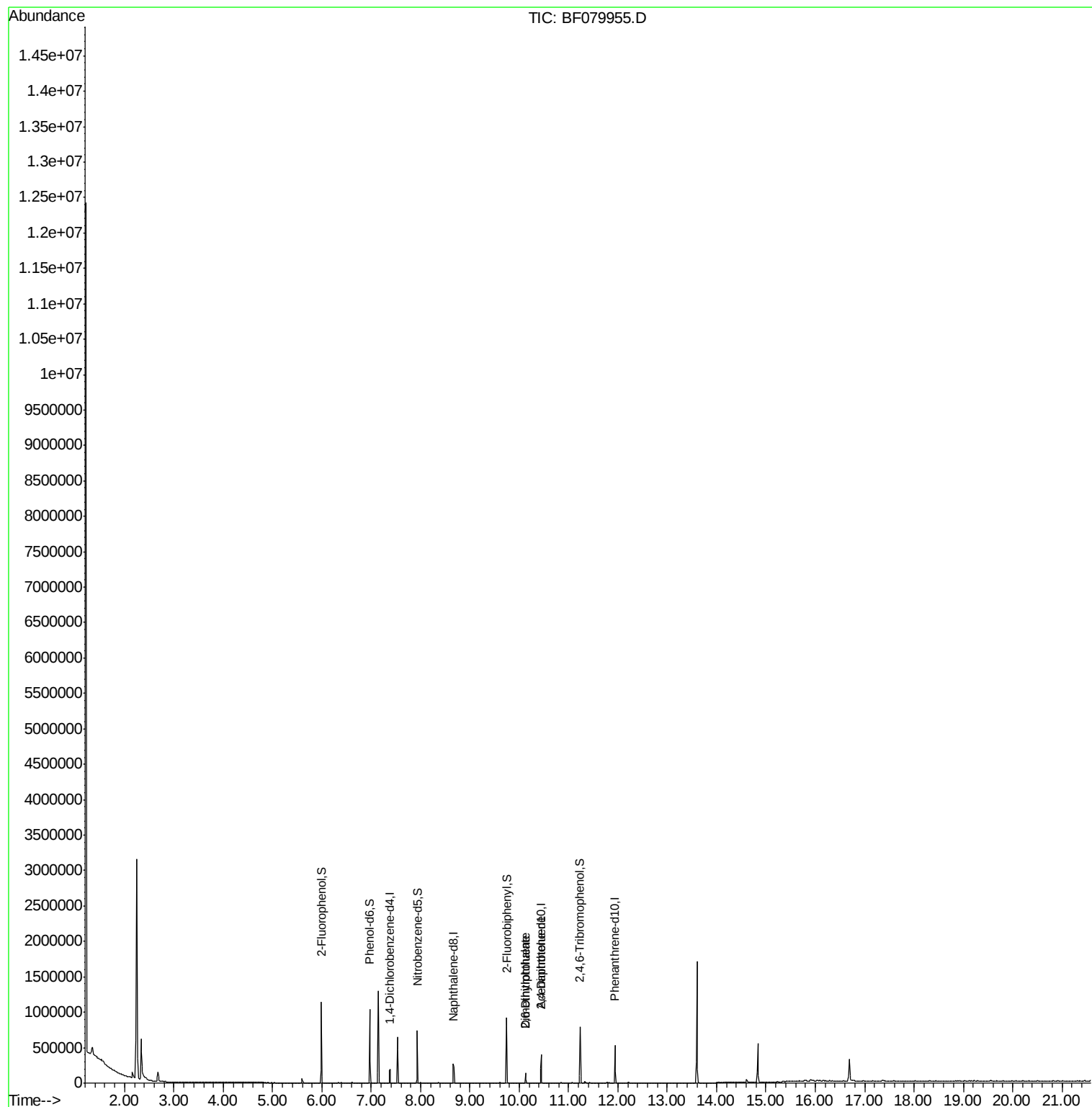
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	43703	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	173843	20.00	ng	0.00
38) Acenaphthene-d10	10.45	164	93769	20.00	ng	0.00
63) Phenanthrene-d10	11.94	188	204538	20.00	ng	-0.03
75) Chrysene-d12	0.00	240	0	0.00	ng	-15.14
86) Perylene-d12	0.00	264	0	0.00	ng	-17.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.99	112	279730	117.37	ng	0.00
7) Phenol-d6	6.97	99	348525	107.33	ng	0.00
23) Nitrobenzene-d5	7.93	82	195742	74.29	ng	0.00
41) 2,4,6-Tribromophenol	11.23	330	81738	87.54	ng	-0.01
44) 2-Fluorobiphenyl	9.75	172	428684	64.02	ng	0.00
78) Terphenyl-d14	13.60	244	496148	0.00	ng	-0.17
Target Compounds						
49) Dimethylphthalate	10.12	163	60650	8.07	ng	99
50) 2,6-Dinitrotoluene	10.12	165	694	3.52	ng	# 1
56) 2,4-Dinitrotoluene	10.45	165	11623	10.56	ng	# 32

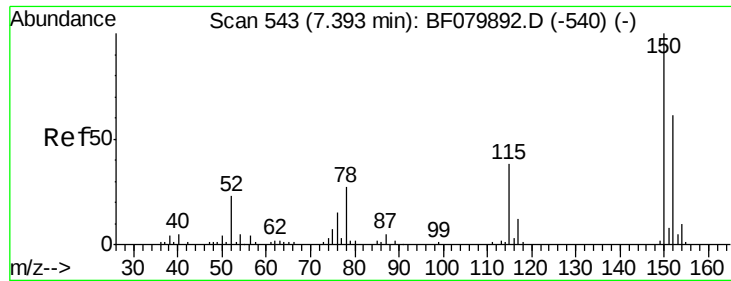
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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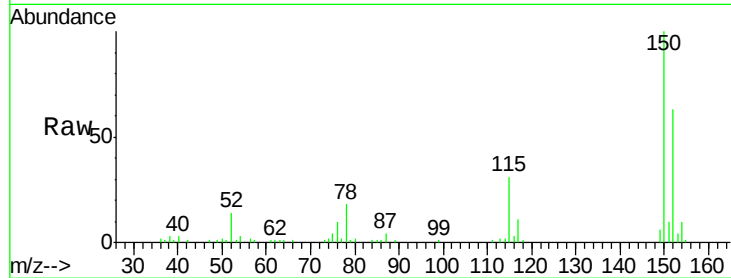


#1

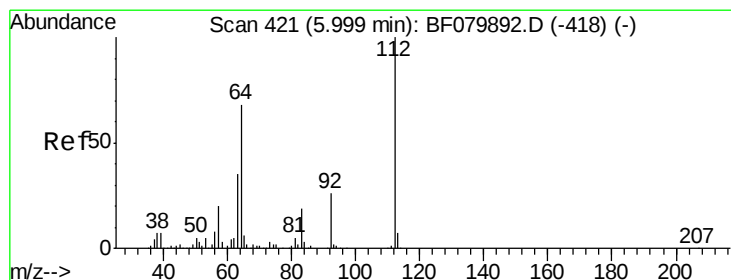
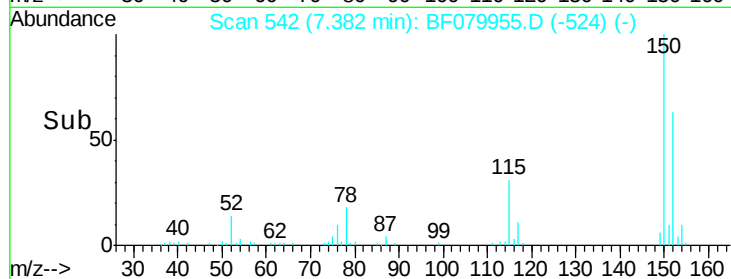
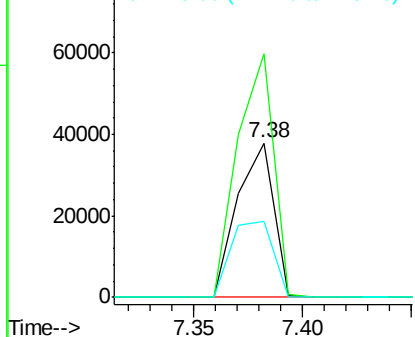
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.38 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF079955.D
Acq: 13 Jun 2015 00:59

Instrument :
BNA_F
ClientSampleId :
S10

Tgt Ion:152 Resp: 43703
Ion Ratio Lower Upper
152 100
150 158.0 131.0 196.4
115 48.9 49.8 74.6#



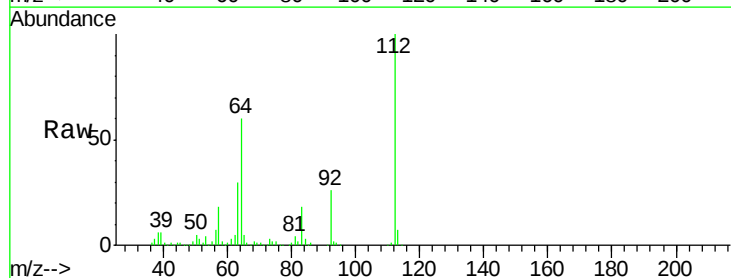
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



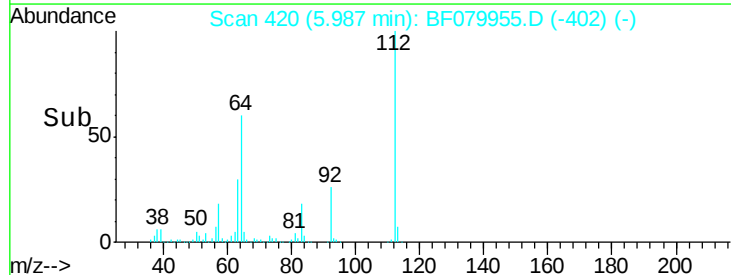
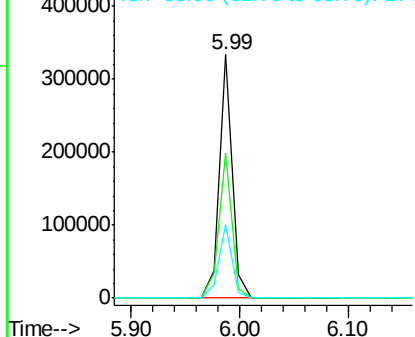
#5

2-Fluorophenol
Concen: 117.37 ng
RT: 5.99 min Scan# 420
Delta R.T. 0.00 min
Lab File: BF079955.D
Acq: 13 Jun 2015 00:59

Tgt Ion:112 Resp: 279730
Ion Ratio Lower Upper
112 100
64 59.8 54.5 81.7
63 30.4 27.9 41.9



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: 107.33 ng

RT: 6.97 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF079955.D

Acq: 13 Jun 2015 00:59

Instrument :

BNA_F

ClientSampleId :

S10

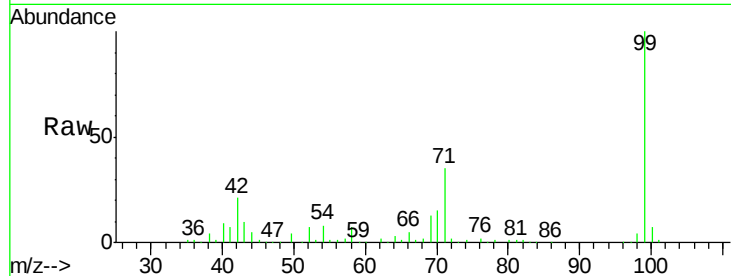
Tgt Ion: 99 Resp: 348525

Ion Ratio Lower Upper

99 100

42 20.9 12.9 19.3#

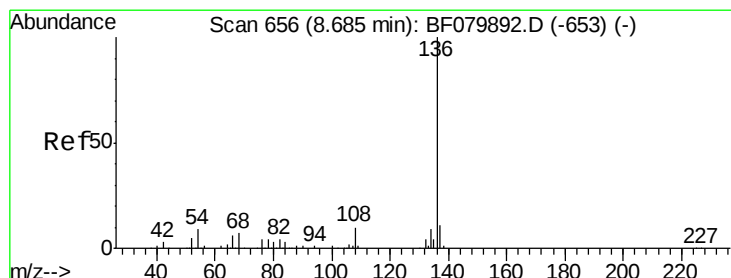
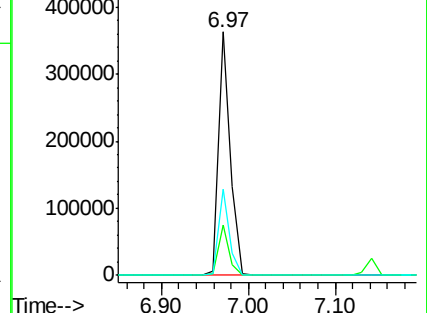
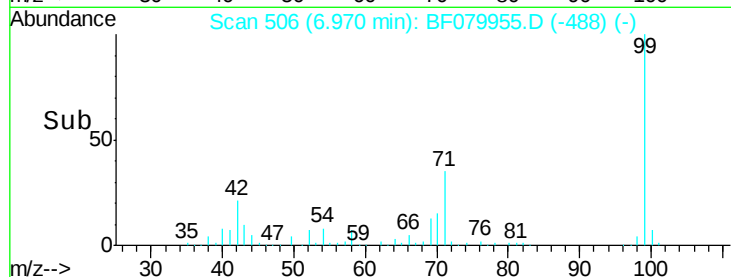
71 35.1 23.4 35.2



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: 8.67 min Scan# 655

Delta R.T. 0.00 min

Lab File: BF079955.D

Acq: 13 Jun 2015 00:59

Tgt Ion: 136 Resp: 173843

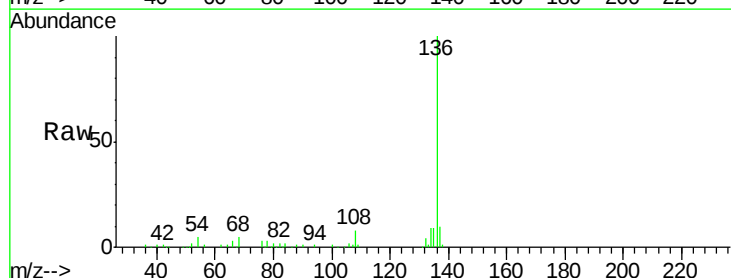
Ion Ratio Lower Upper

136 100

137 10.1 8.7 13.1

54 5.4 7.3 10.9#

68 4.6 5.9 8.9#

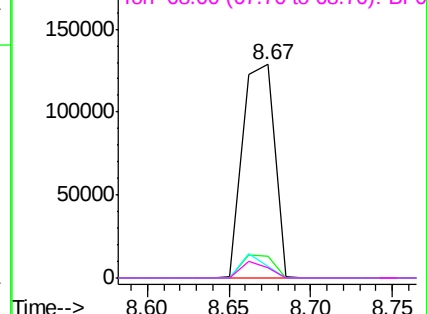
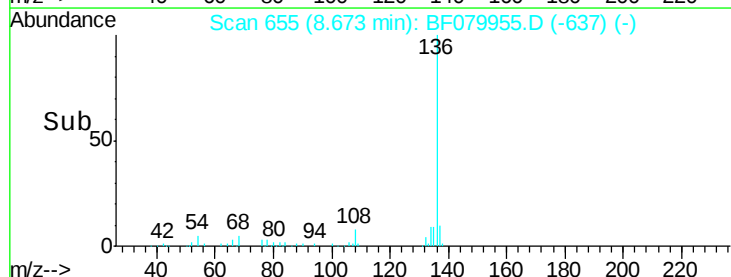


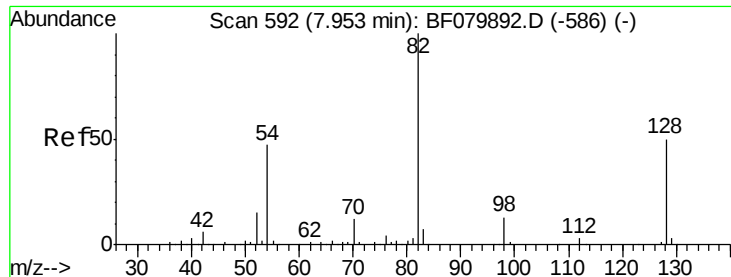
Abundance Ion 136.00 (135.70 to 136.70): E

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

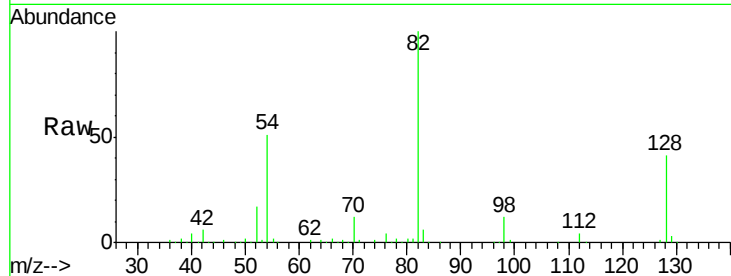




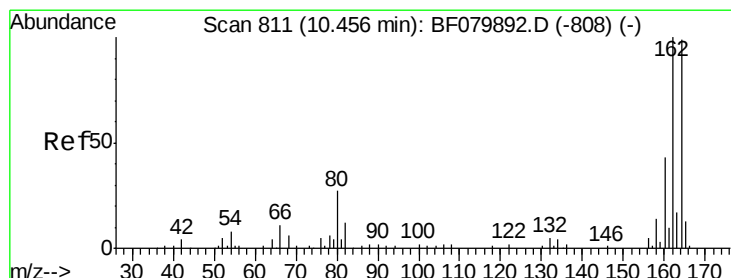
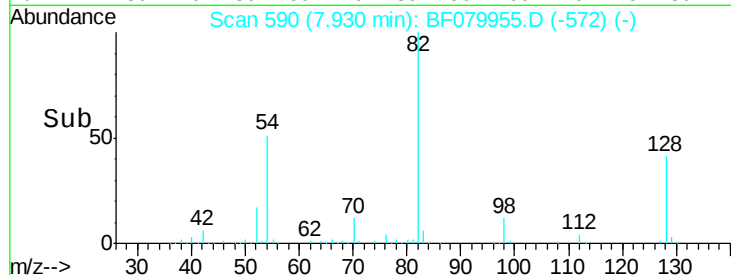
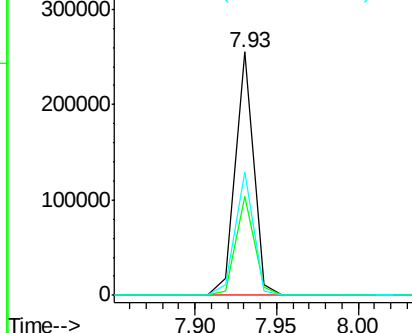
#23
 Nitrobenzene-d5
 Concen: 74.29 ng
 RT: 7.93 min Scan# 590
 Delta R.T. 0.00 min
 Lab File: BF079955.D
 Acq: 13 Jun 2015 00:59

Instrument :
 BNA_F
 ClientSampleId :
 S10

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.9	40.3	60.5
54	50.6	38.0	57.0

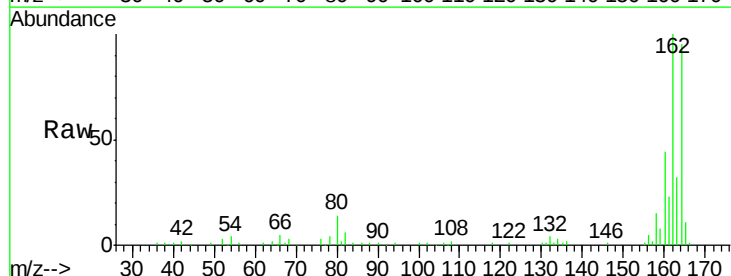


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

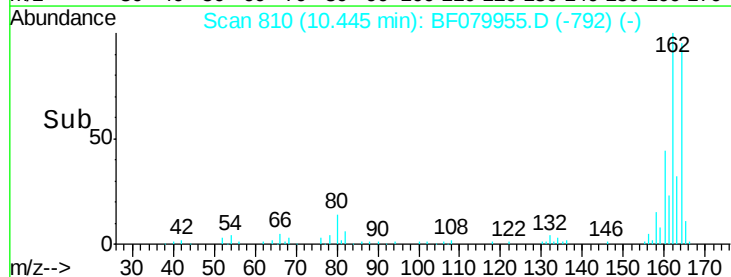
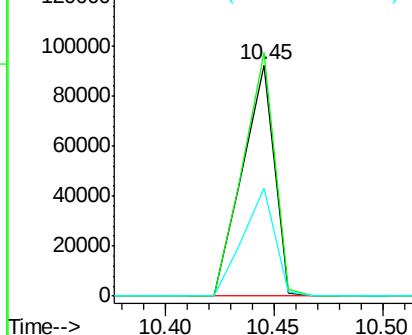


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.45 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF079955.D
 Acq: 13 Jun 2015 00:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.4	80.7	121.1
160	46.5	34.6	51.8



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

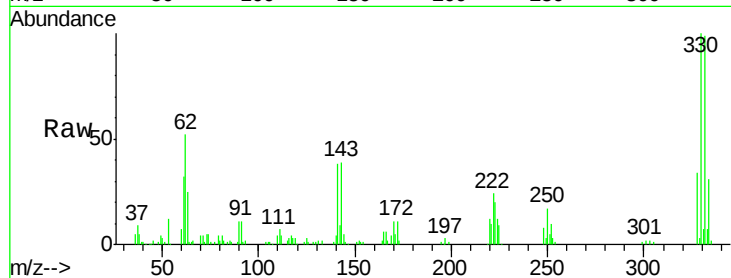




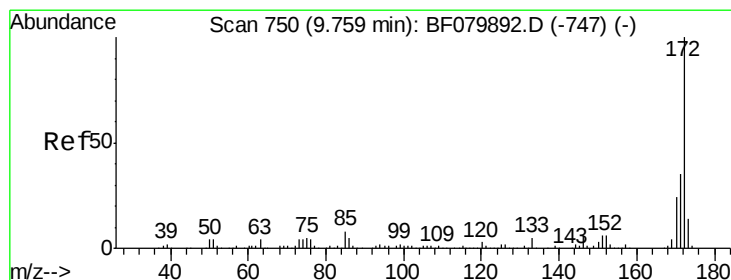
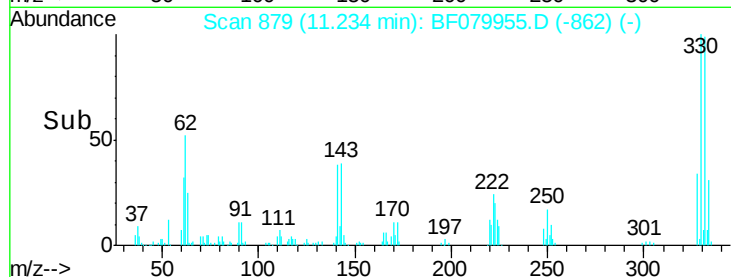
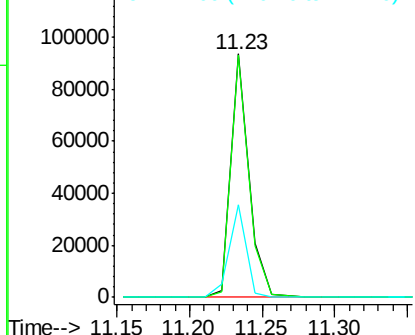
#41
 2,4,6-Tribromophenol
 Concen: 87.54 ng
 RT: 11.23 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF079955.D
 Acq: 13 Jun 2015 00:59

Instrument :
 BNA_F
 ClientSampleId :
 S10

Tgt Ion:330 Resp: 81738
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.3 115.9
 141 35.8 26.8 40.2

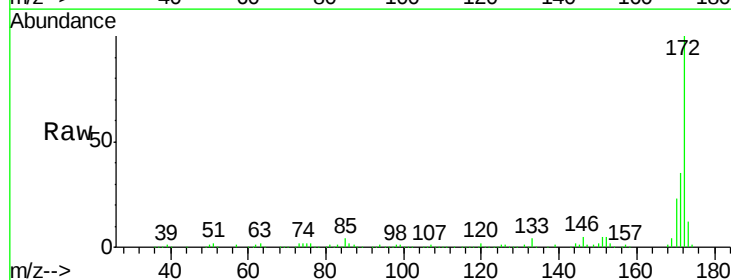


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

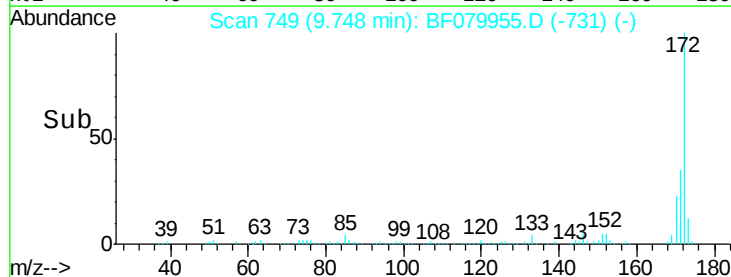
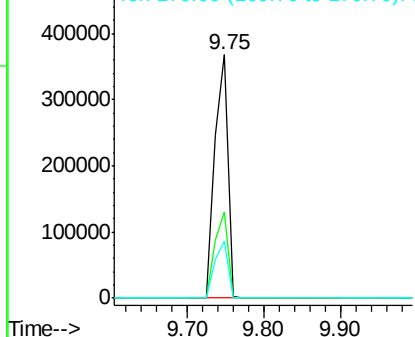


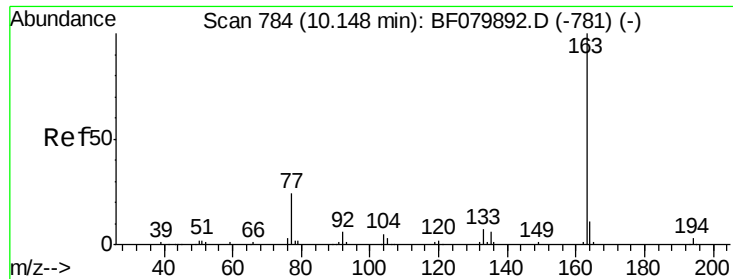
#44
 2-Fluorobiphenyl
 Concen: 64.02 ng
 RT: 9.75 min Scan# 749
 Delta R.T. 0.00 min
 Lab File: BF079955.D
 Acq: 13 Jun 2015 00:59

Tgt Ion:172 Resp: 428684
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.3 42.5
 170 23.3 19.0 28.4



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

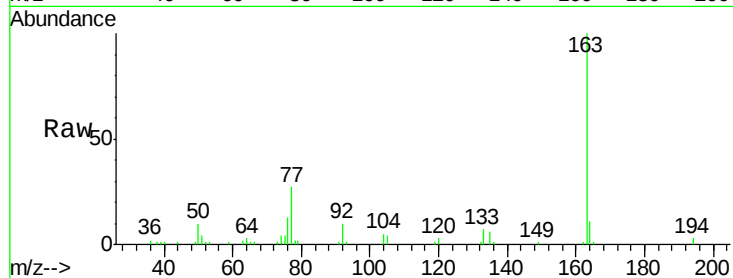




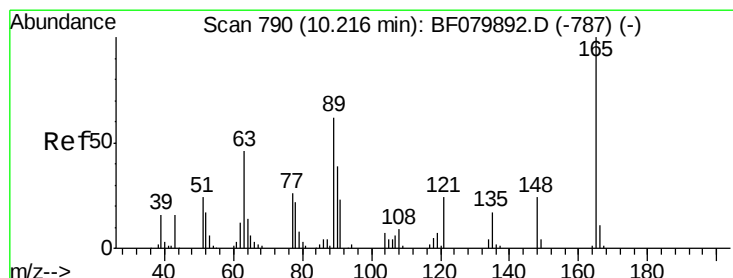
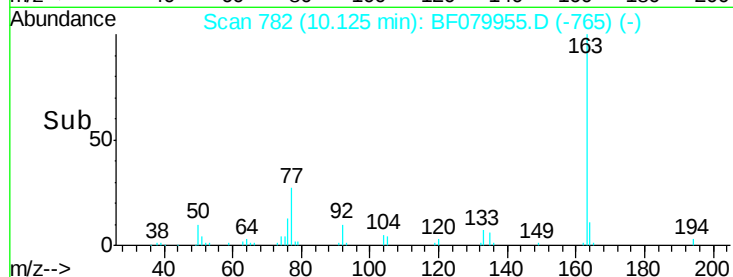
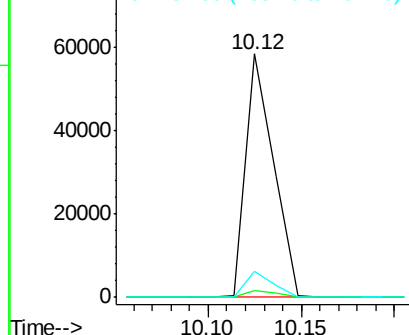
#49
Dimethylphthalate
Concen: 8.07 ng
RT: 10.12 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF079955.D
Acq: 13 Jun 2015 00:59

Instrument :
BNA_F
ClientSampleId :
S10

Tgt Ion:163 Resp: 60650
Ion Ratio Lower Upper
163 100
194 2.9 2.6 4.0
164 10.9 8.6 12.8

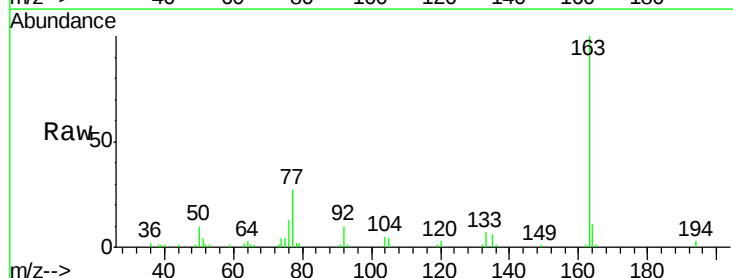


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

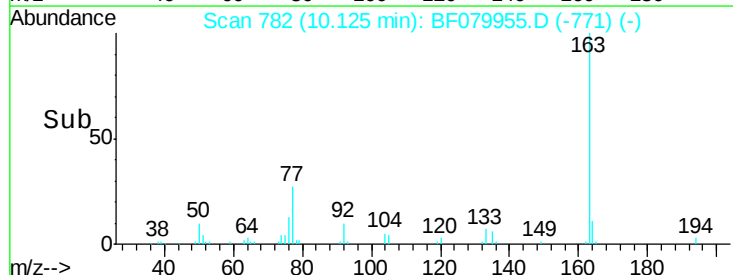
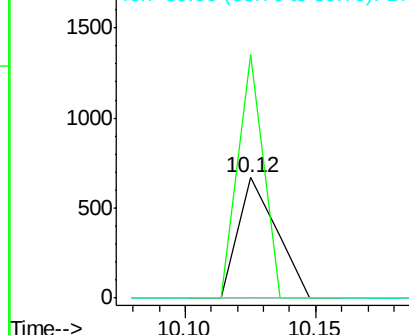


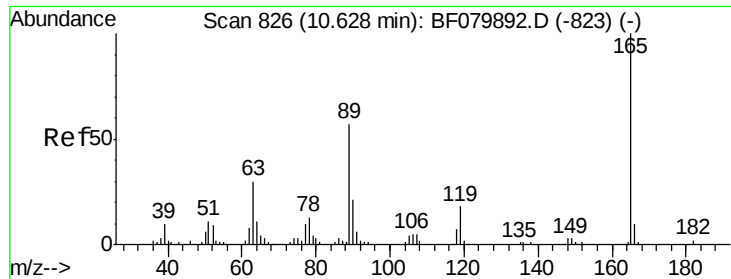
#50
2,6-Dinitrotoluene
Concen: 3.52 ng
RT: 10.12 min Scan# 782
Delta R.T. -0.08 min
Lab File: BF079955.D
Acq: 13 Jun 2015 00:59

Tgt Ion:165 Resp: 694
Ion Ratio Lower Upper
165 100
63 202.4 46.4 69.6#
89 0.0 49.6 74.4#



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

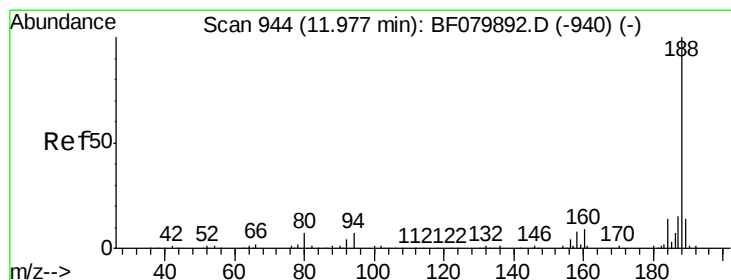
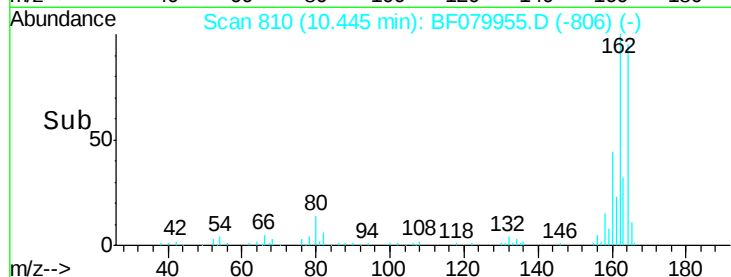
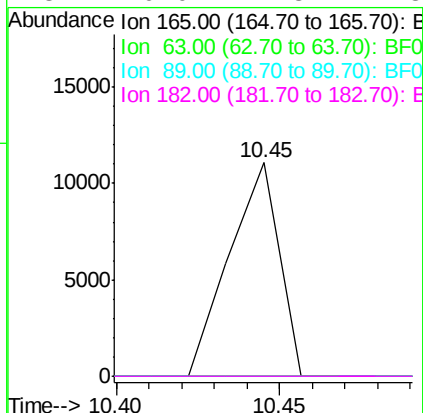
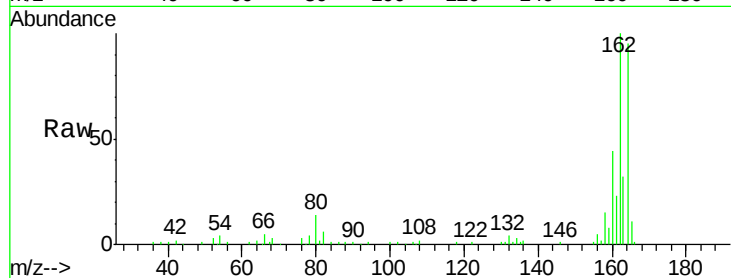




#56
 2,4-Dinitrotoluene
 Concen: 10.56 ng
 RT: 10.45 min Scan# 810
 Delta R.T. -0.16 min
 Lab File: BF079955.D
 Acq: 13 Jun 2015 00:59

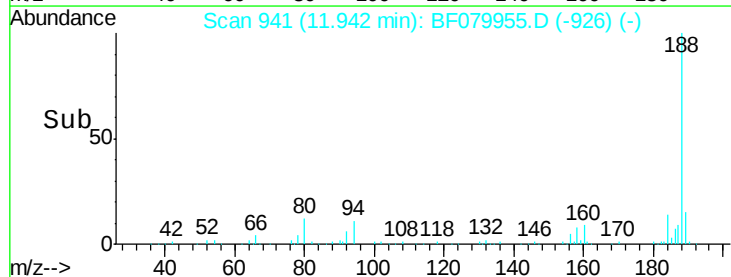
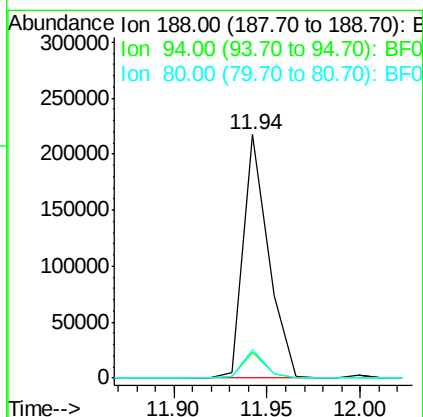
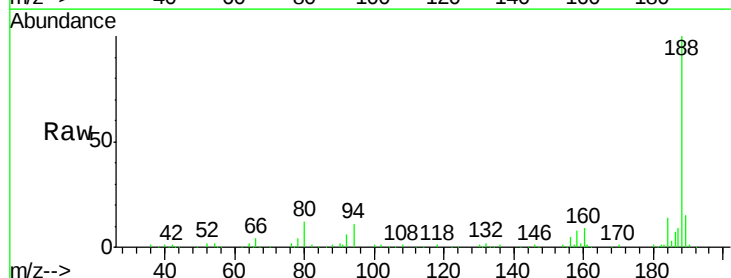
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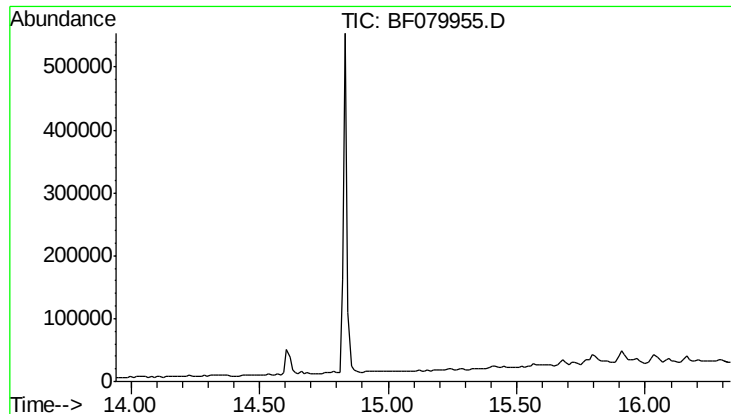
Tgt Ion:	165	Resp:	11623
Ion	Ratio	Lower	Upper
165	100		
63	0.0	24.3	36.5#
89	0.0	45.4	68.2#
182	0.0	1.8	2.8#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.94 min Scan# 941
 Delta R.T. -0.03 min
 Lab File: BF079955.D
 Acq: 13 Jun 2015 00:59

Tgt Ion:	188	Resp:	204538
Ion	Ratio	Lower	Upper
188	100		
94	10.6	5.8	8.8#
80	11.9	5.9	8.9#



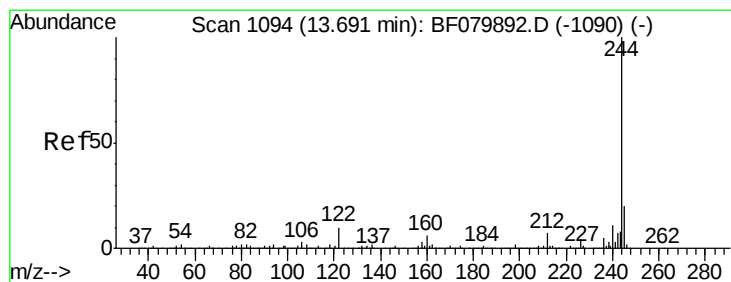
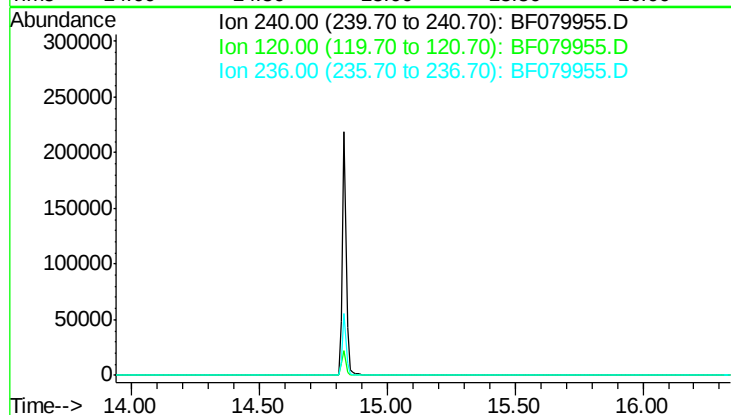


#75
 Chrysene-d12
 Concen: 0.00 ng
 Expected RT: 15.14 min
 Lab File: BF079955.D
 Acq: 13 Jun 2015 00:59

Instrument :
 BNA_F
 ClientSampleId :
 S10

Tgt Ion: 240

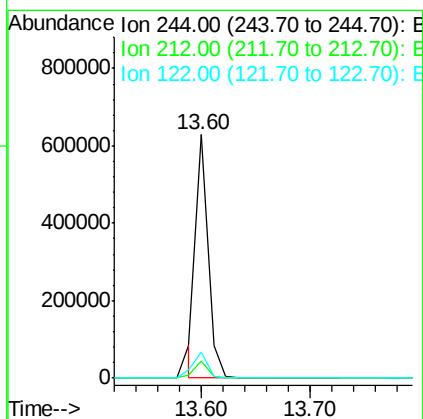
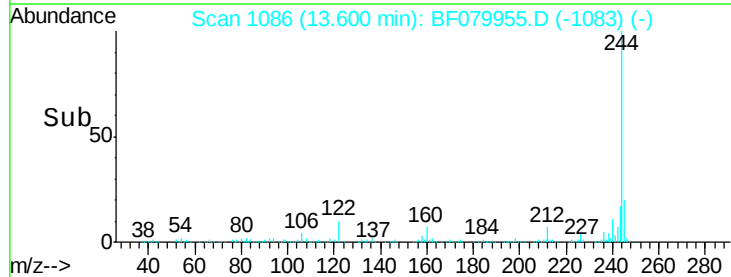
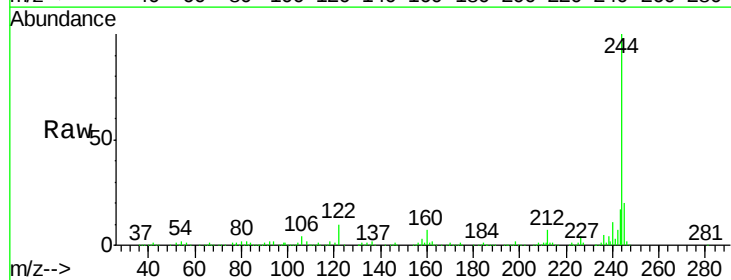
Sig	Exp Ratio
240	100
120	11.8
236	24.5

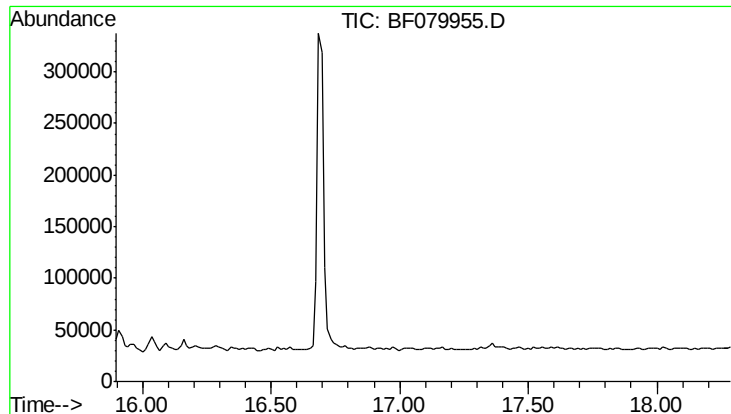


#78
 Terphenyl-d14
 Concen: 0.00 ng
 RT: 13.60 min Scan# 1086
 Delta R.T. -0.17 min
 Lab File: BF079955.D
 Acq: 13 Jun 2015 00:59

Tgt Ion: 244 Resp: 496148

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.2
122	10.4	7.8	11.8





#86
Perylene-d12
Concen: 0.00 ng
Expected RT: 17.10 min
Lab File: BF079955.D
Acq: 13 Jun 2015 00:59

Instrument :
BNA_F
ClientSampleId :
S10

Tgt Ion: 264
Sig Exp Ratio
264 100
260 24.1
265 21.3

