

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060415\
 Data File : BF079715.D
 Acq On : 4 Jun 2015 21:30
 Operator : TP/IZ
 Sample : G2491-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LF017MW004-150601

Quant Time: Jun 06 01:51:09 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 05 19:33:57 2015
 Response via : Initial Calibration

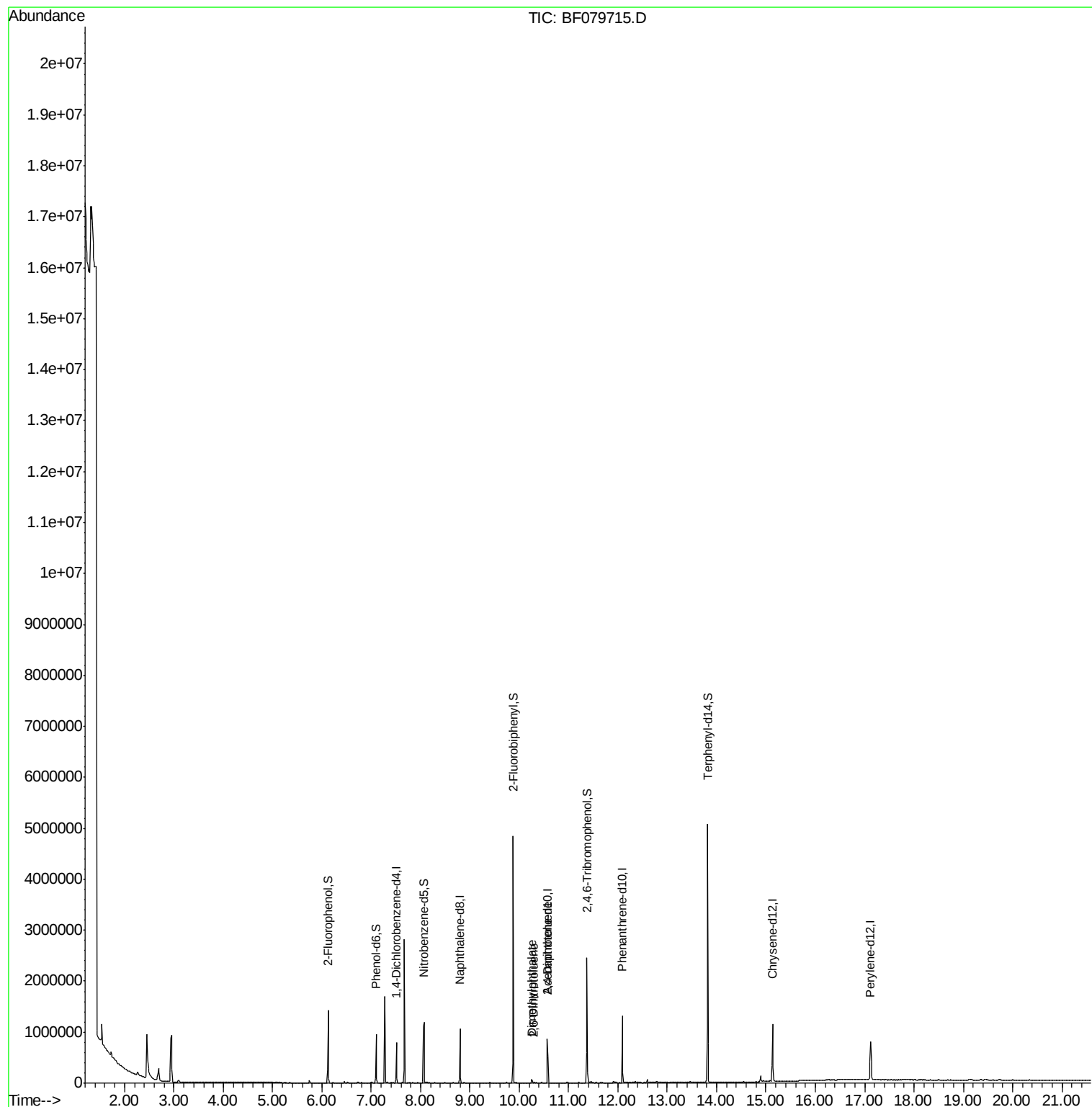
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	107218	20.00	ng	0.00
21) Naphthalene-d8	8.80	136	410339	20.00	ng	0.00
38) Acenaphthene-d10	10.57	164	203740	20.00	ng	-0.01
63) Phenanthrene-d10	12.09	188	444342	20.00	ng	-0.01
75) Chrysene-d12	15.13	240	457548	20.00	ng	-0.03
86) Perylene-d12	17.12	264	424083	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	6.12	112	342189	54.73	ng	0.00
7) Phenol-d6	7.10	99	276007	33.91	ng	0.00
23) Nitrobenzene-d5	8.07	82	547715	81.27	ng	0.00
41) 2,4,6-Tribromophenol	11.37	330	271276	148.27	ng	0.00
44) 2-Fluorobiphenyl	9.87	172	1271304	90.34	ng	0.00
78) Terphenyl-d14	13.82	244	1616447	83.23	ng	-0.01
Target Compounds						
49) Dimethylphthalate	10.26	163	35779	2.28	ng	# 97
50) 2,6-Dinitrotoluene	10.30	165	2186	3.74	ng	# 23
56) 2,4-Dinitrotoluene	10.57	165	25807	7.76	ng	# 33

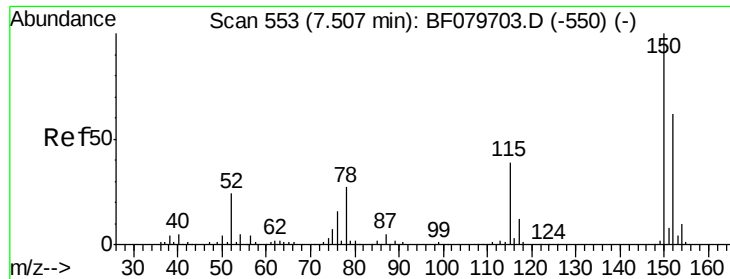
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060415\
Data File : BF079715.D
Acq On : 4 Jun 2015 21:30
Operator : TP/IZ
Sample : G2491-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LF017MW004-150601

Quant Time: Jun 06 01:51:09 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 05 19:33:57 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.51 min Scan# 553

Delta R.T. 0.00 min

Lab File: BF079715.D

Acq: 4 Jun 2015 21:30

Instrument :

BNA_F

ClientSampleId :

LF017MW004-150601

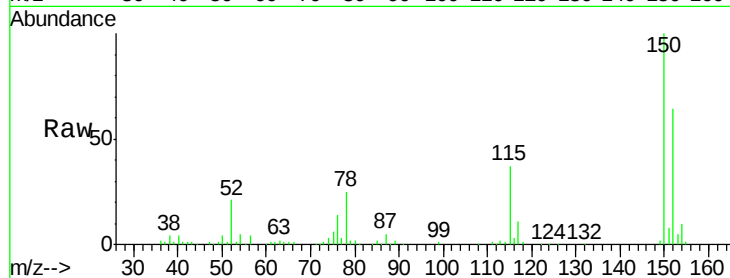
Tgt Ion:152 Resp: 107218

Ion Ratio Lower Upper

152 100

150 157.1 128.1 192.1

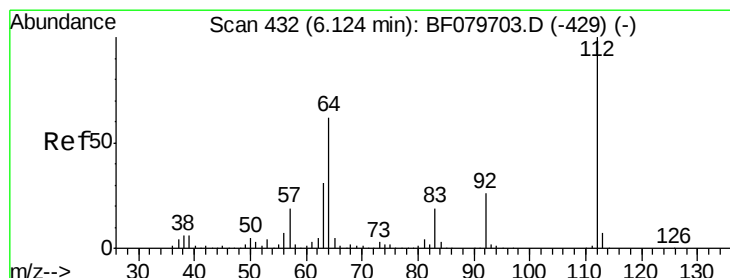
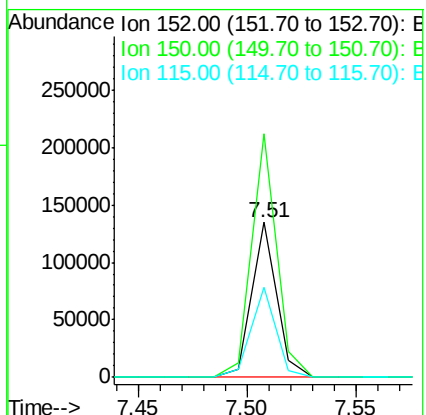
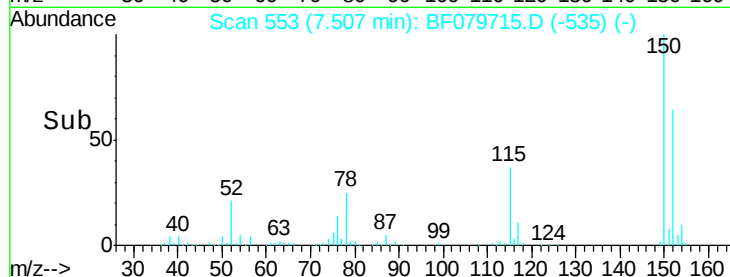
115 58.5 49.7 74.5



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: 54.73 ng

RT: 6.12 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF079715.D

Acq: 4 Jun 2015 21:30

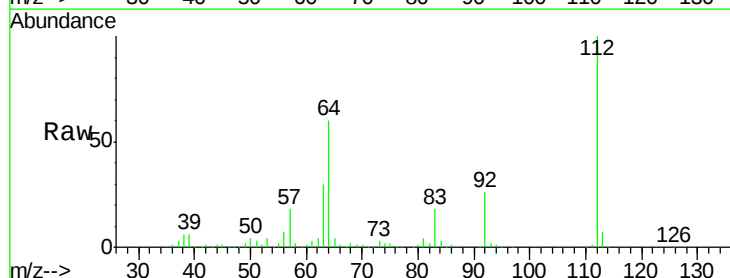
Tgt Ion:112 Resp: 342189

Ion Ratio Lower Upper

112 100

64 59.8 49.6 74.4

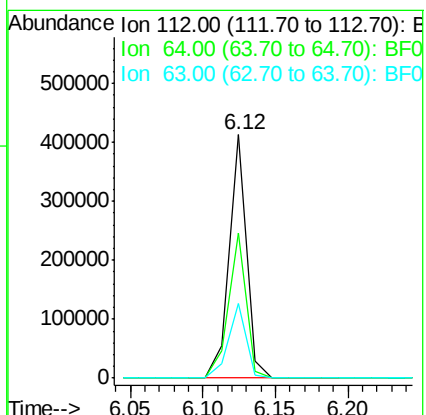
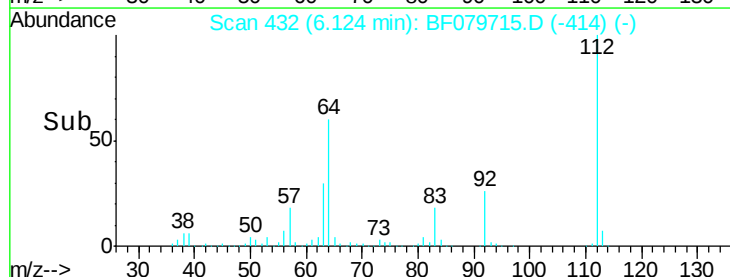
63 30.5 24.9 37.3

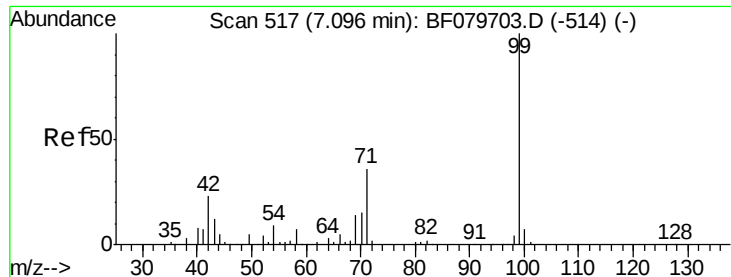


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 33.91 ng

RT: 7.10 min Scan# 517

Delta R.T. 0.00 min

Lab File: BF079715.D

Acq: 4 Jun 2015 21:30

Instrument :

BNA_F

ClientSampleId :

LF017MW004-150601

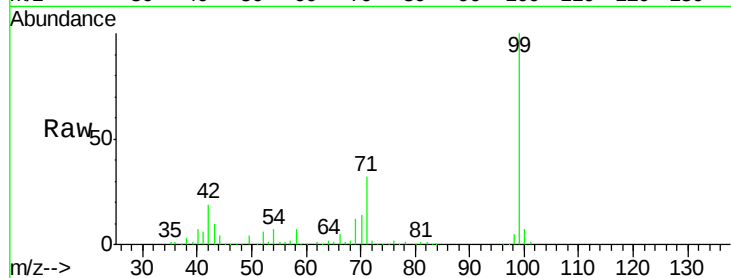
Tgt Ion: 99 Resp: 276007

Ion Ratio Lower Upper

99 100

42 18.9 18.0 27.0

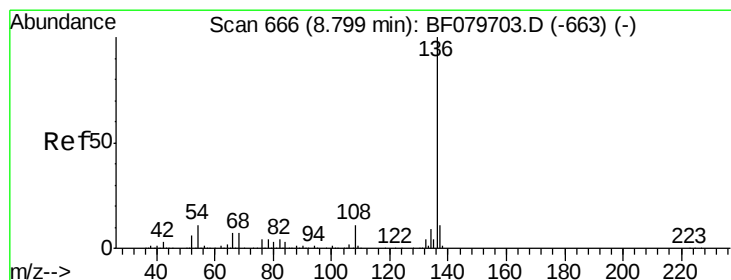
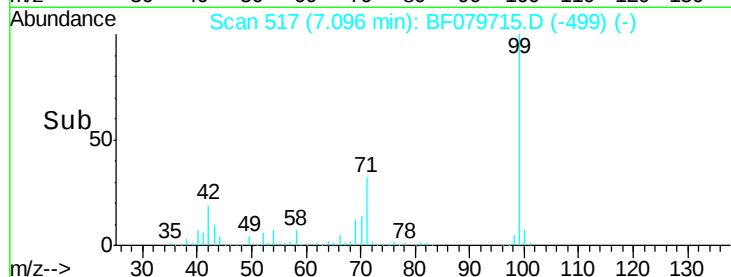
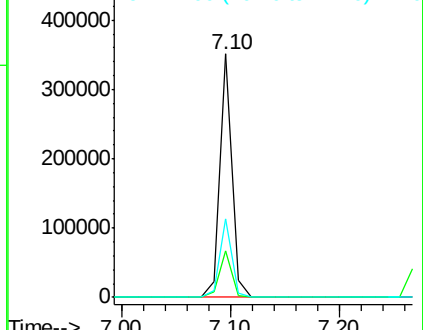
71 32.3 28.4 42.6



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: 8.80 min Scan# 666

Delta R.T. 0.00 min

Lab File: BF079715.D

Acq: 4 Jun 2015 21:30

Tgt Ion: 136 Resp: 410339

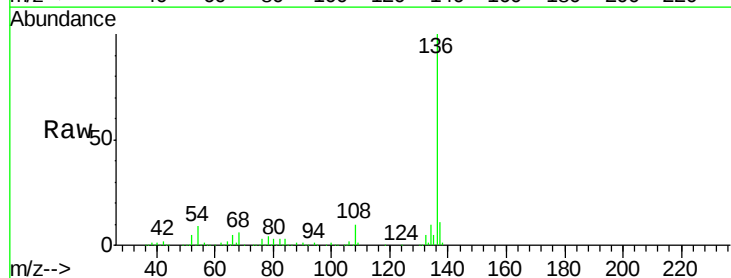
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 9.1 8.7 13.1

68 6.4 5.8 8.8

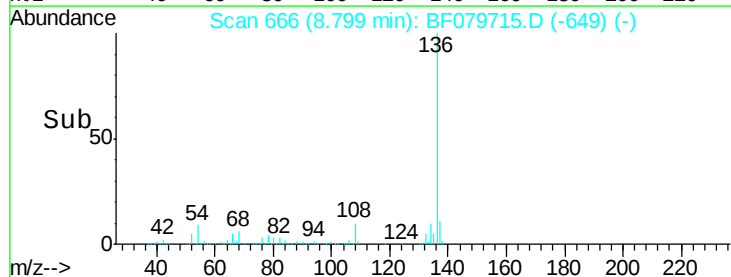
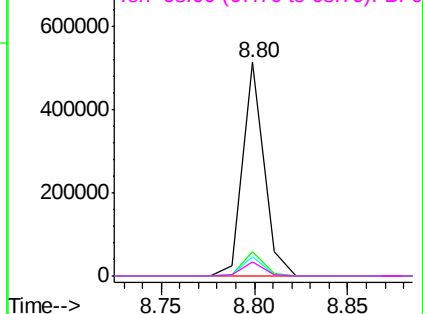


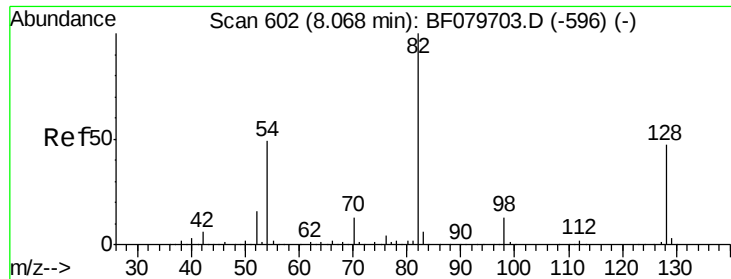
Abundance Ion 136.00 (135.70 to 136.70): E

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: 81.27 ng

RT: 8.07 min Scan# 602

Delta R.T. 0.00 min

Lab File: BF079715.D

Acq: 4 Jun 2015 21:30

Instrument :

BNA_F

ClientSampleId :

LF017MW004-150601

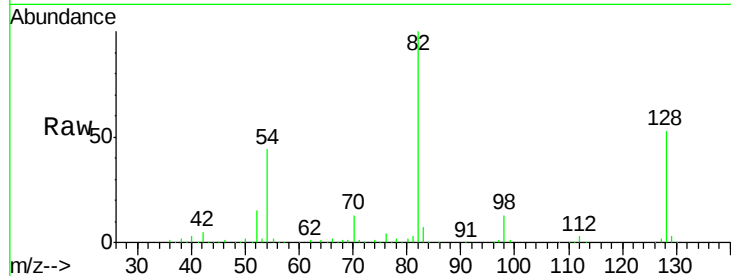
Tgt Ion: 82 Resp: 547715

Ion Ratio Lower Upper

82 100

128 52.8 37.6 56.4

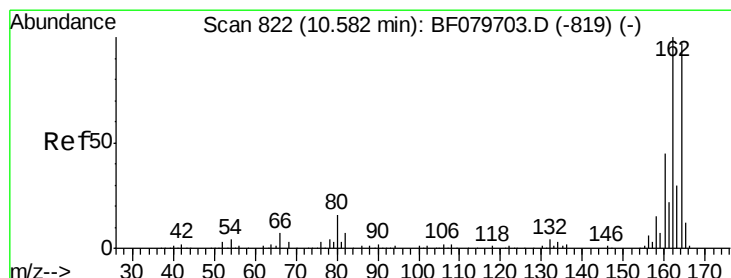
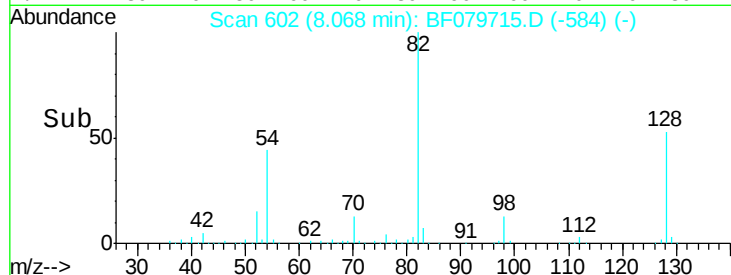
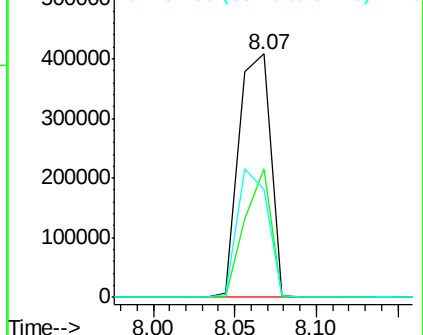
54 44.3 39.4 59.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.57 min Scan# 821

Delta R.T. -0.01 min

Lab File: BF079715.D

Acq: 4 Jun 2015 21:30

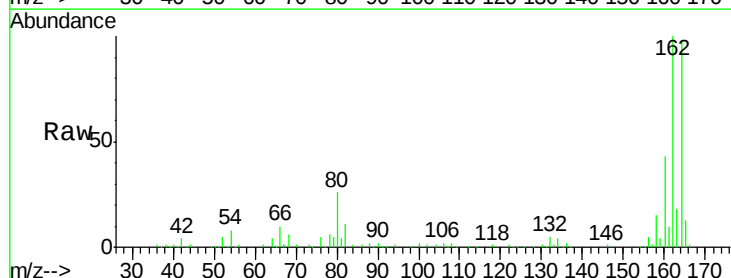
Tgt Ion: 164 Resp: 203740

Ion Ratio Lower Upper

164 100

162 102.5 82.6 123.8

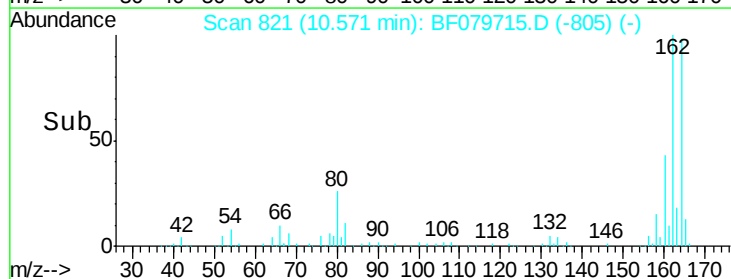
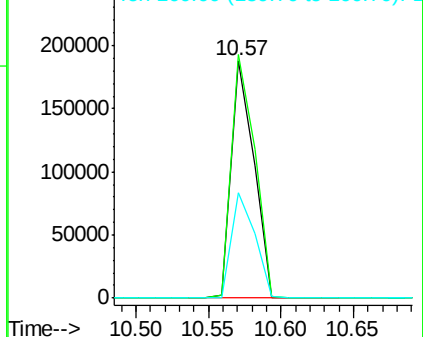
160 44.2 36.8 55.2

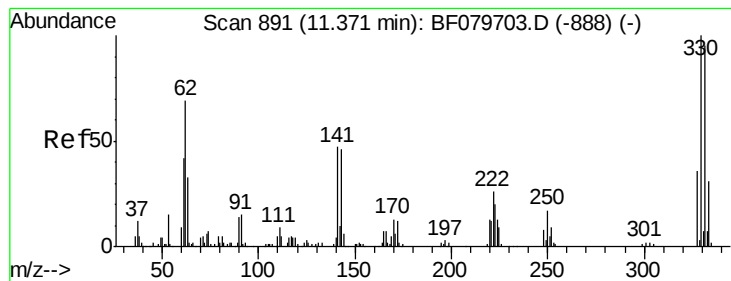


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

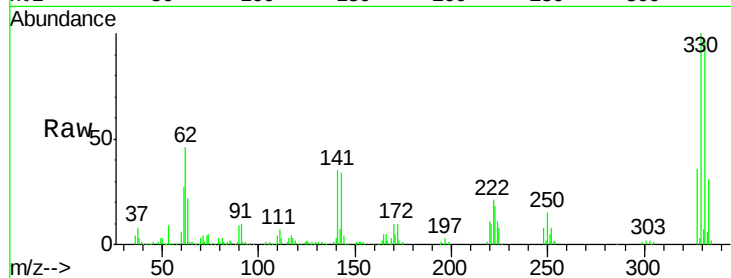




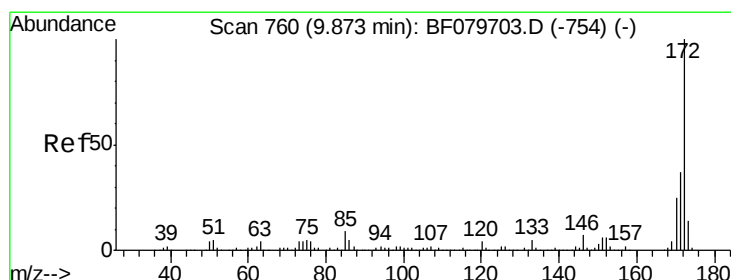
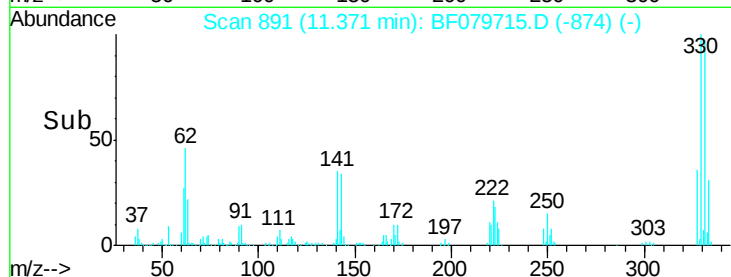
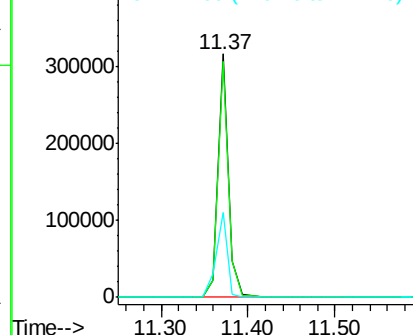
#41
 2,4,6-Tribromophenol
 Concen: 148.27 ng
 RT: 11.37 min Scan# 891
 Delta R.T. 0.00 min
 Lab File: BF079715.D
 Acq: 4 Jun 2015 21:30

Instrument :
 BNA_F
 ClientSampleId :
 LF017MW004-150601

Tgt Ion:330 Resp: 271276
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.4 116.0
 141 36.9 30.2 45.2

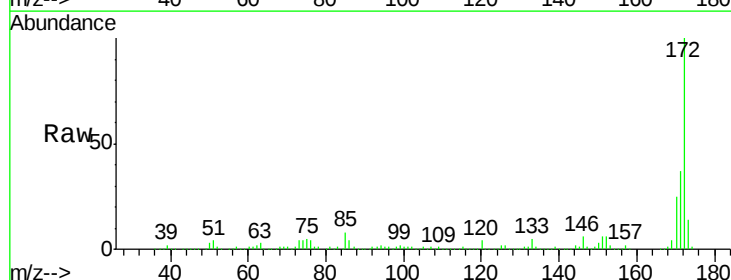


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

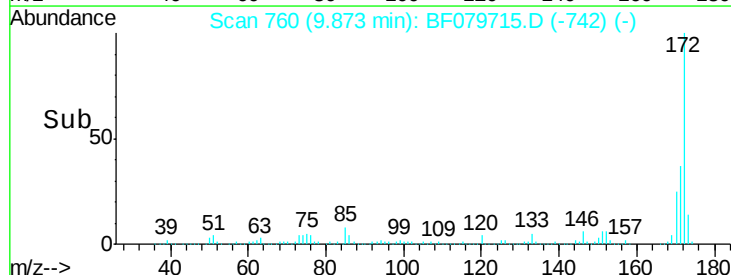
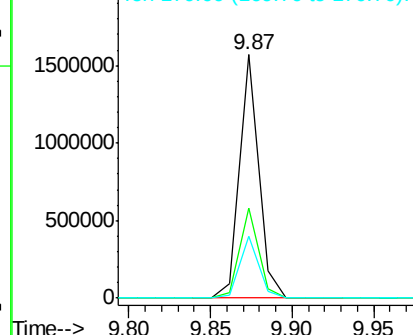


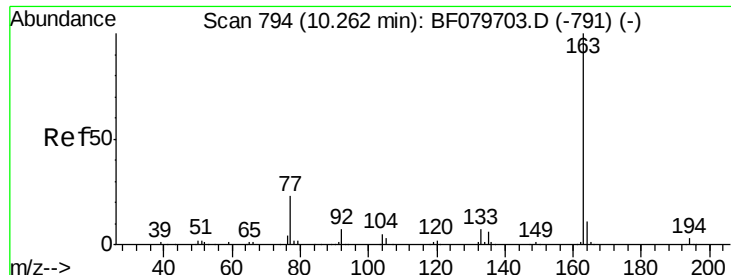
#44
 2-Fluorobiphenyl
 Concen: 90.34 ng
 RT: 9.87 min Scan# 760
 Delta R.T. 0.00 min
 Lab File: BF079715.D
 Acq: 4 Jun 2015 21:30

Tgt Ion:172 Resp: 1271304
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.4 44.0
 170 25.2 19.7 29.5



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

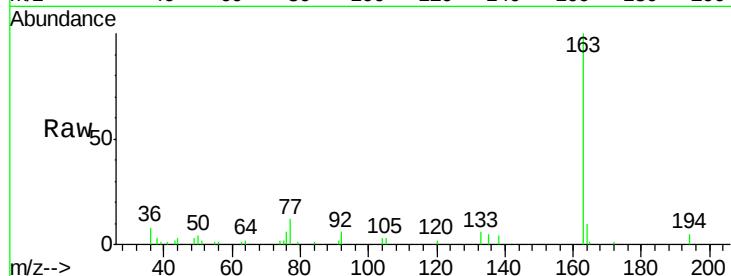




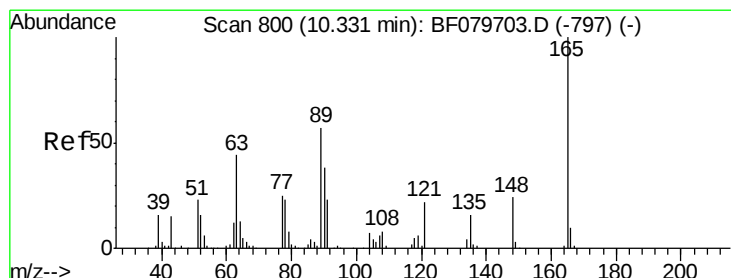
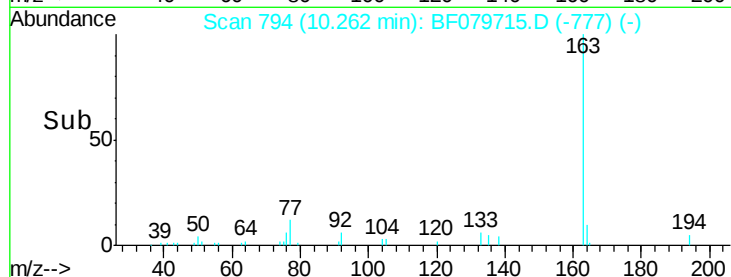
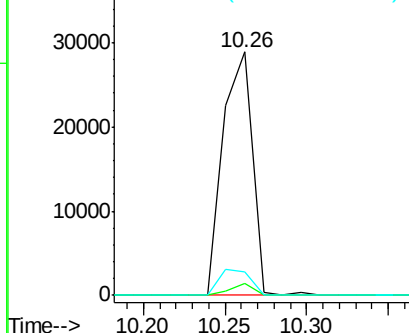
#49
Dimethylphthalate
Concen: 2.28 ng
RT: 10.26 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF079715.D
Acq: 4 Jun 2015 21:30

Instrument :
BNA_F
ClientSampleId :
LF017MW004-150601

Tgt Ion:163 Resp: 35779
Ion Ratio Lower Upper
163 100
194 4.7 2.6 3.8#
164 9.7 8.5 12.7

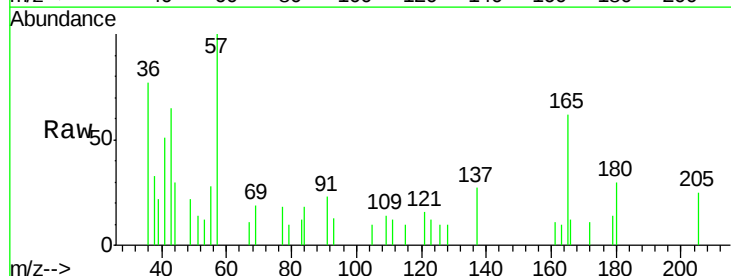


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

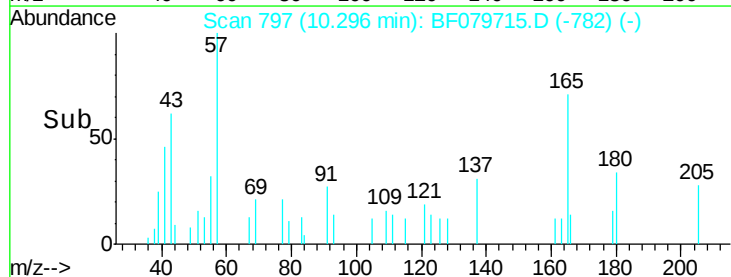
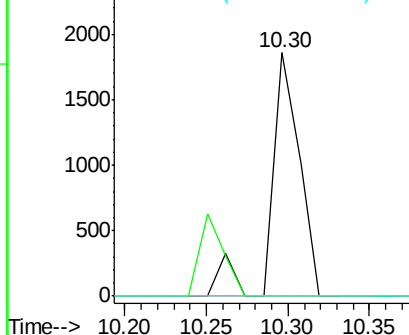


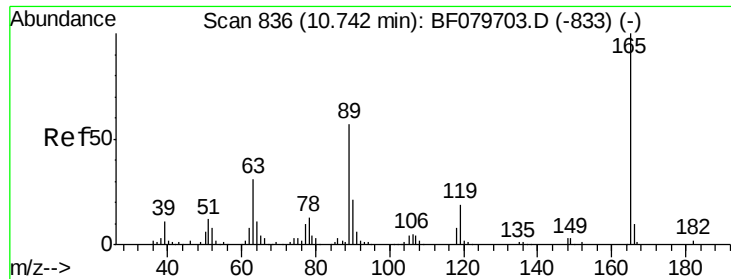
#50
2,6-Dinitrotoluene
Concen: 3.74 ng
RT: 10.30 min Scan# 797
Delta R.T. -0.03 min
Lab File: BF079715.D
Acq: 4 Jun 2015 21:30

Tgt Ion:165 Resp: 2186
Ion Ratio Lower Upper
165 100
63 0.0 45.2 67.8#
89 0.0 45.9 68.9#



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

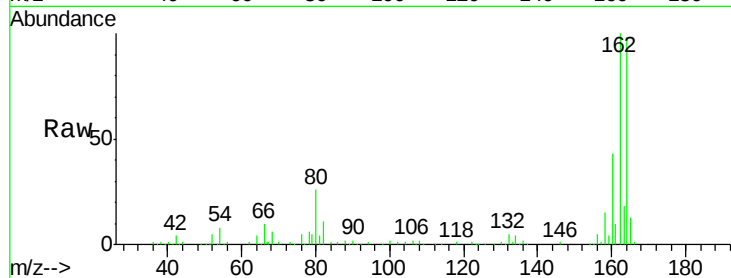




#56
 2,4-Dinitrotoluene
 Concen: 7.76 ng
 RT: 10.57 min Scan# 821
 Delta R.T. -0.17 min
 Lab File: BF079715.D
 Acq: 4 Jun 2015 21:30

Instrument :
 BNA_F
 ClientSampleId :
 LF017MW004-150601

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	24.7	37.1#
89	1.2	45.7	68.5#
182	0.0	1.8	2.8#

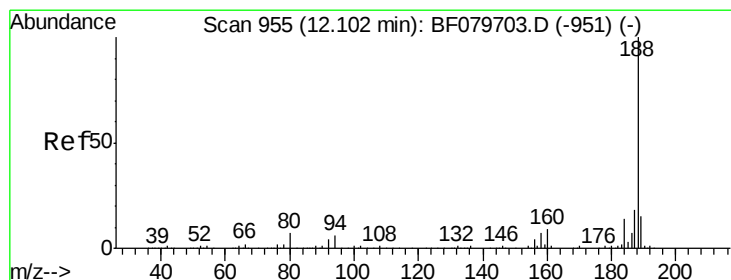
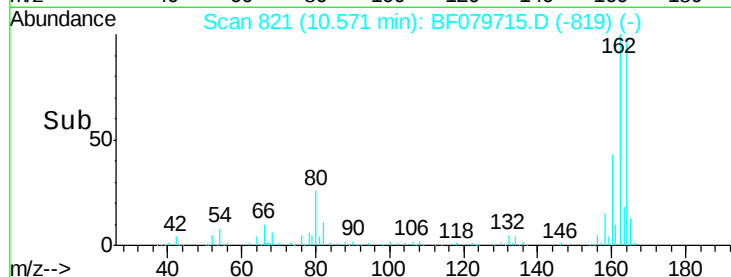
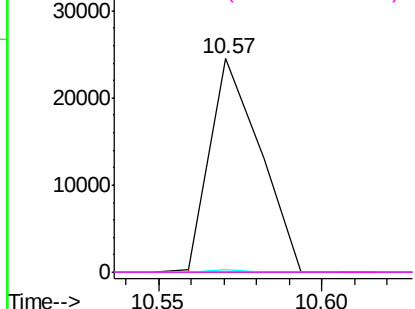


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

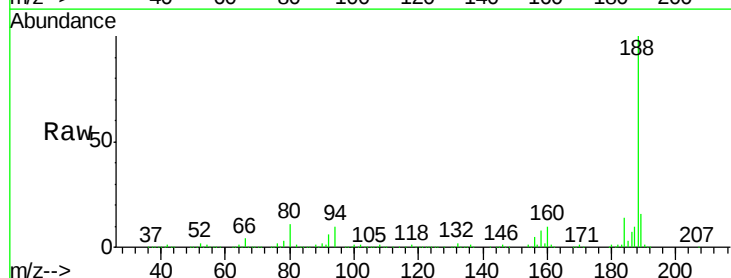
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.09 min Scan# 954
 Delta R.T. -0.01 min
 Lab File: BF079715.D
 Acq: 4 Jun 2015 21:30

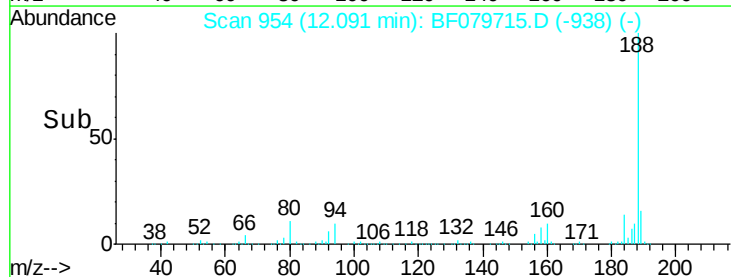
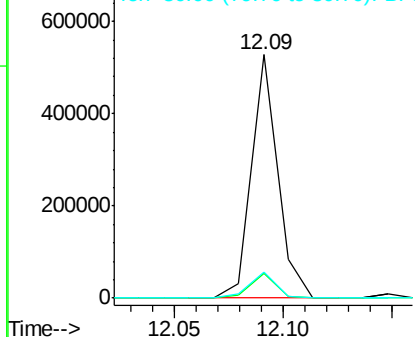
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.2	5.0	7.4#
80	10.7	5.3	7.9#

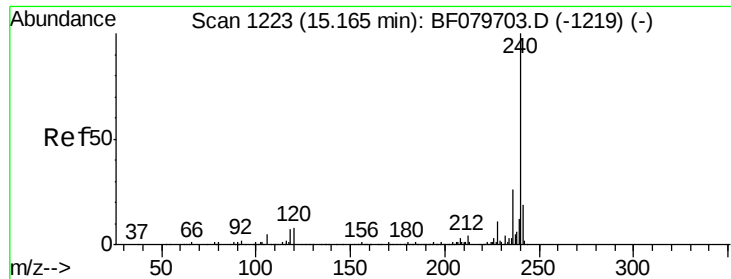


Abundance Ion 188.00 (187.70 to 188.70): E

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: 15.13 min Scan# 1220

Delta R.T. -0.03 min

Lab File: BF079715.D

Acq: 4 Jun 2015 21:30

Instrument :

BNA_F

ClientSampleId :

LF017MW004-150601

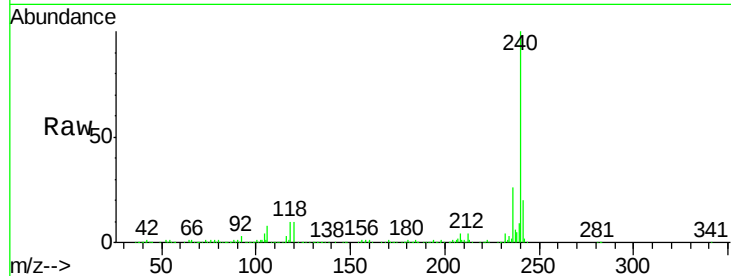
Tgt Ion:240 Resp: 457548

Ion Ratio Lower Upper

240 100

120 10.4 6.2 9.2#

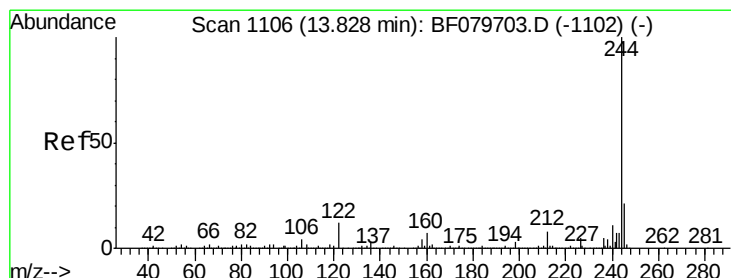
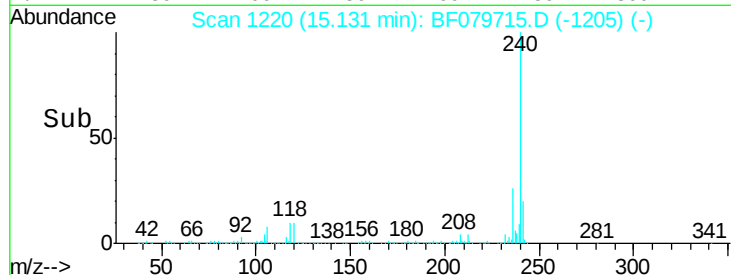
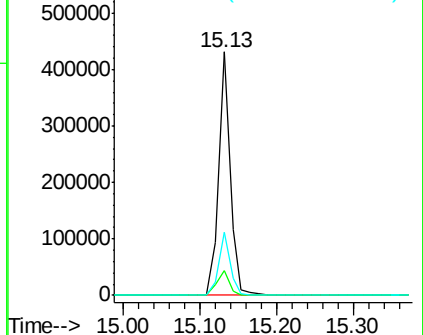
236 26.2 21.0 31.4



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: 83.23 ng

RT: 13.82 min Scan# 1105

Delta R.T. -0.01 min

Lab File: BF079715.D

Acq: 4 Jun 2015 21:30

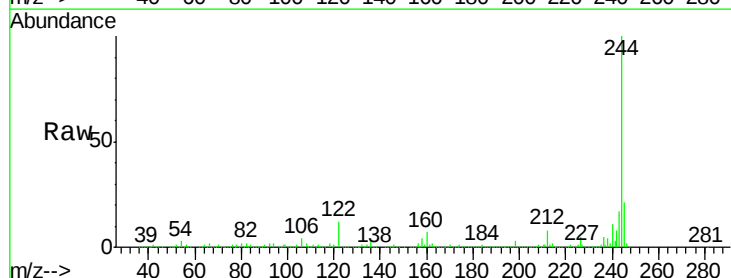
Tgt Ion:244 Resp: 1616447

Ion Ratio Lower Upper

244 100

212 7.7 6.1 9.1

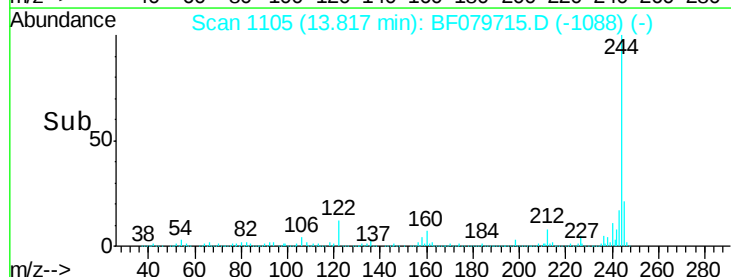
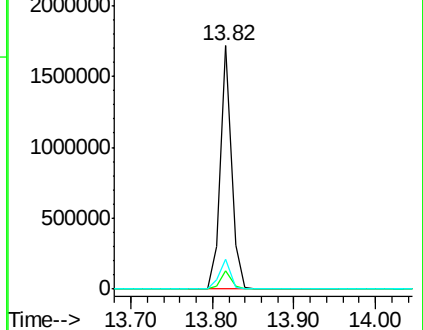
122 12.0 9.3 13.9

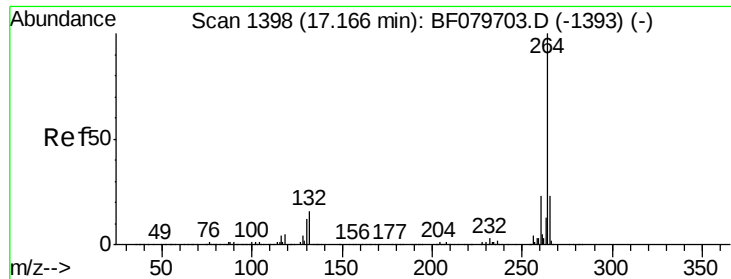


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

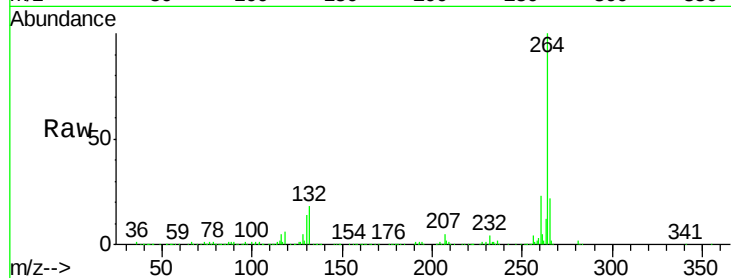




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.12 min Scan# 1394
Delta R.T. -0.05 min
Lab File: BF079715.D
Acq: 4 Jun 2015 21:30

Instrument :
BNA_F
ClientSampleId :
LF017MW004-150601

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	27.8
265	22.3	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

