

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060415\
 Data File : BF079710.D
 Acq On : 4 Jun 2015 19:06
 Operator : TP/IZ
 Sample : G2450-26
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AVE-E-C12.1(3)

Quant Time: Jun 06 01:50:06 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

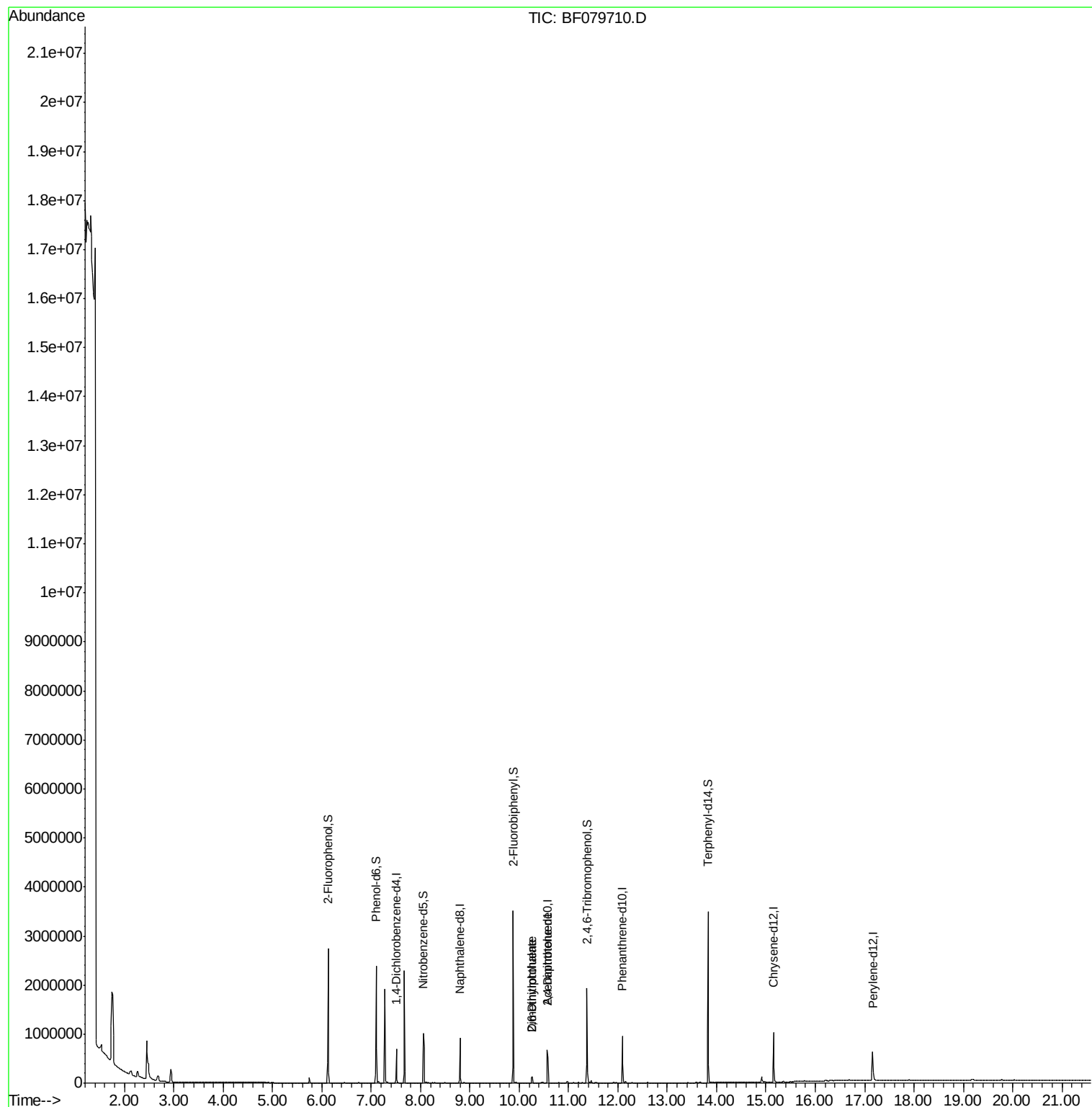
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	96239	20.00	ng	0.00
21) Naphthalene-d8	8.80	136	360797	20.00	ng	0.00
38) Acenaphthene-d10	10.57	164	180653	20.00	ng	-0.01
63) Phenanthrene-d10	12.09	188	381537	20.00	ng	-0.01
75) Chrysene-d12	15.15	240	419043	20.00	ng	-0.01
86) Perylene-d12	17.17	264	392909	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.12	112	643441	114.64	ng	0.00
7) Phenol-d6	7.10	99	809899	110.85	ng	0.00
23) Nitrobenzene-d5	8.06	82	410133	69.21	ng	-0.01
41) 2,4,6-Tribromophenol	11.37	330	218011	134.39	ng	0.00
44) 2-Fluorobiphenyl	9.87	172	972849	77.97	ng	0.00
78) Terphenyl-d14	13.83	244	1171258	65.85	ng	0.00
Target Compounds						
49) Dimethylphthalate	10.26	163	74200	5.33	ng	# 97
50) 2,6-Dinitrotoluene	10.26	165	837	3.35	ng	# 40
56) 2,4-Dinitrotoluene	10.57	165	22629	7.67	ng	# 32

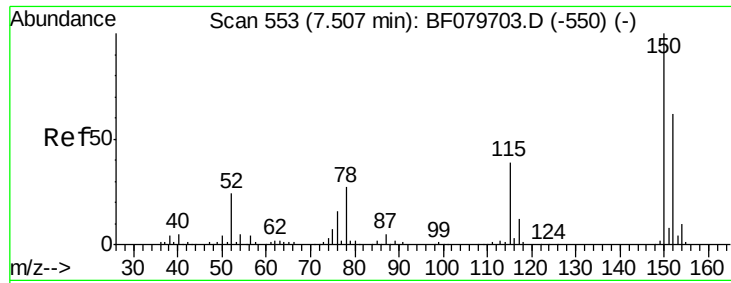
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060415\
Data File : BF079710.D
Acq On : 4 Jun 2015 19:06
Operator : TP/IZ
Sample : G2450-26
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AVE-E-C12.1(3)

Quant Time: Jun 06 01:50:06 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



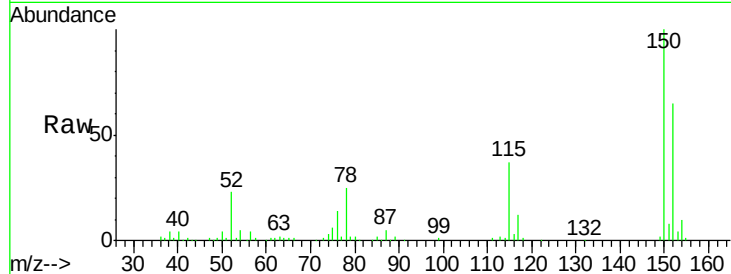


#1

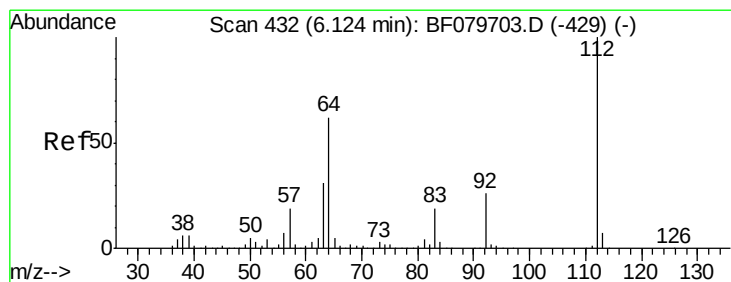
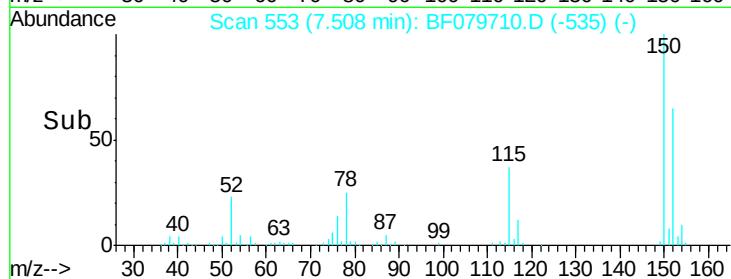
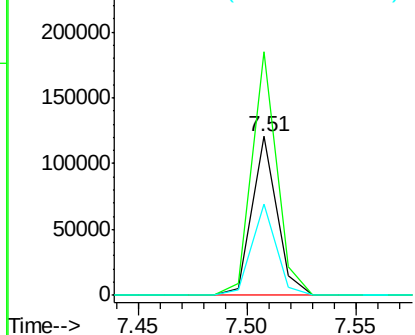
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.51 min Scan# 553
Delta R.T. 0.00 min
Lab File: BF079710.D
Acq: 4 Jun 2015 19:06

Instrument :
BNA_F
ClientSampleId :
AVE-E-C12.1(3)

Tgt Ion:152 Resp: 96239
Ion Ratio Lower Upper
152 100
150 153.5 128.1 192.1
115 57.4 49.7 74.5



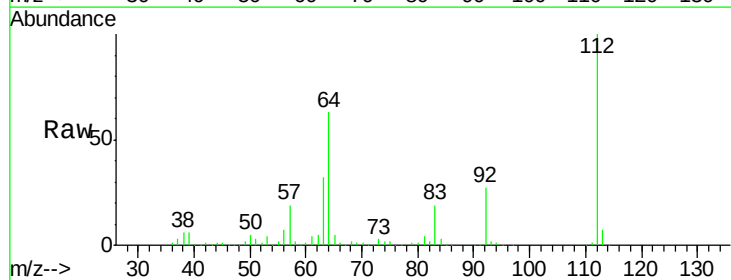
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



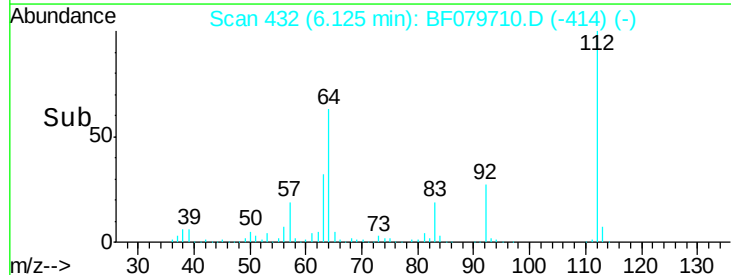
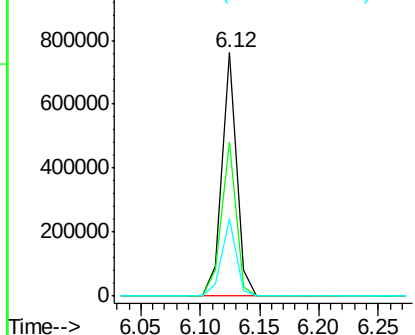
#5

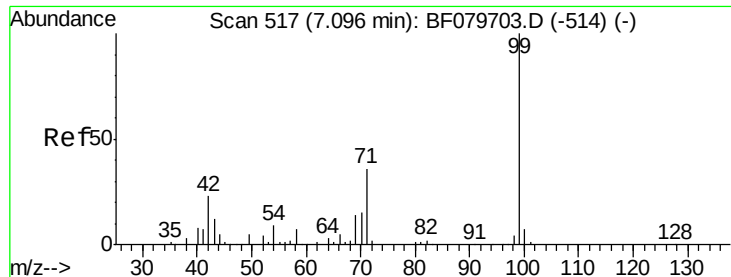
2-Fluorophenol
Concen: 114.64 ng
RT: 6.12 min Scan# 432
Delta R.T. 0.00 min
Lab File: BF079710.D
Acq: 4 Jun 2015 19:06

Tgt Ion:112 Resp: 643441
Ion Ratio Lower Upper
112 100
64 63.3 49.6 74.4
63 31.9 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: 110.85 ng

RT: 7.10 min Scan# 517

Delta R.T. 0.00 min

Lab File: BF079710.D

Acq: 4 Jun 2015 19:06

Instrument :

BNA_F

ClientSampleId :

AVE-E-C12.1(3)

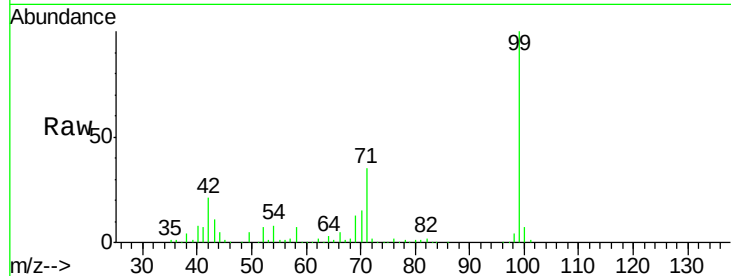
Tgt Ion: 99 Resp: 809899

Ion Ratio Lower Upper

99 100

42 20.9 18.0 27.0

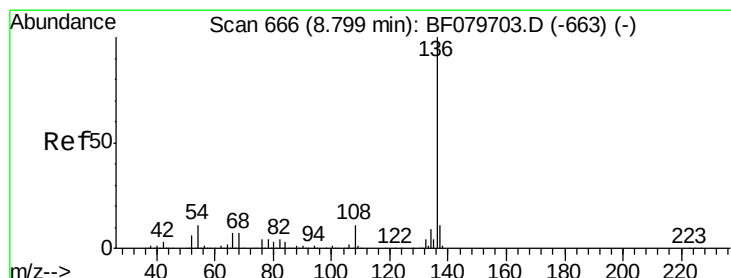
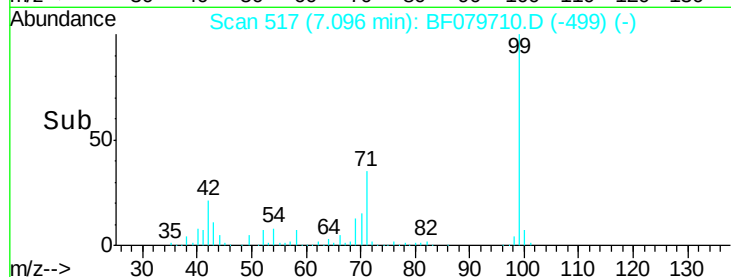
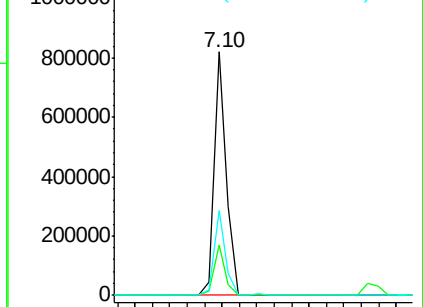
71 35.0 28.4 42.6



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: BF079710.D

Acq: 4 Jun 2015 19:06

Tgt Ion: 136 Resp: 360797

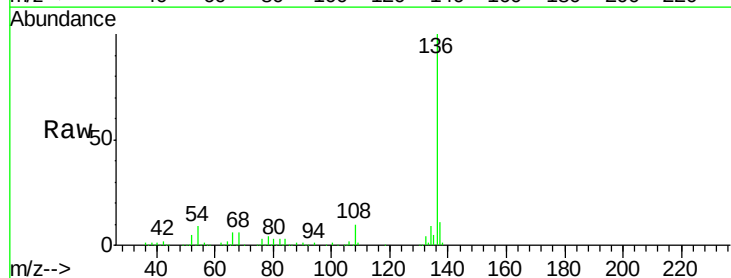
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 8.9 8.7 13.1

68 6.3 5.8 8.8

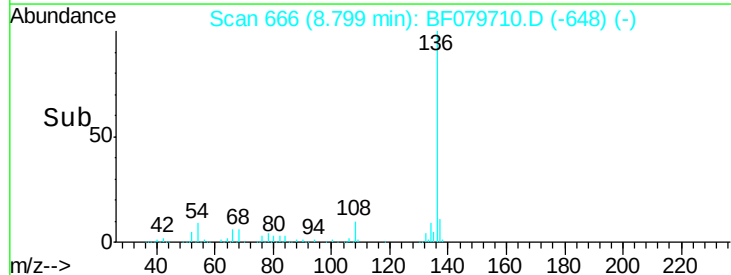
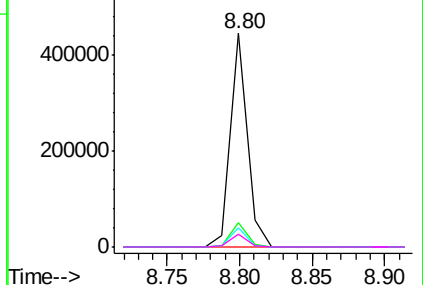


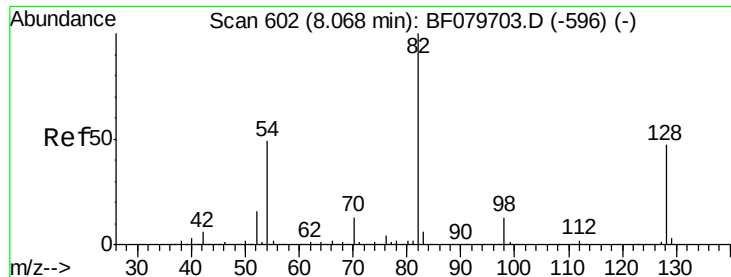
Abundance Ion 136.00 (135.70 to 136.70): E

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

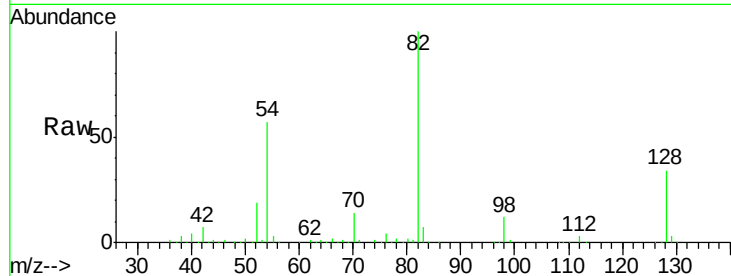




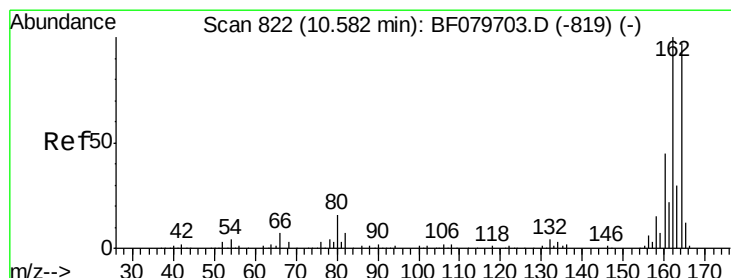
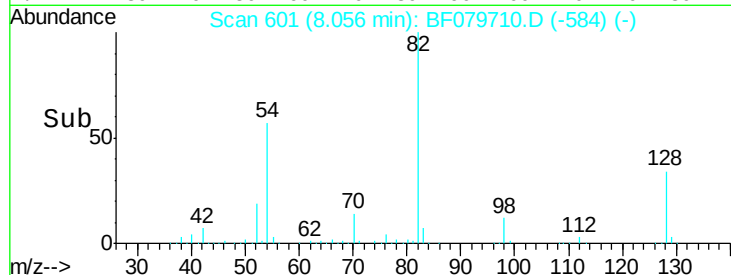
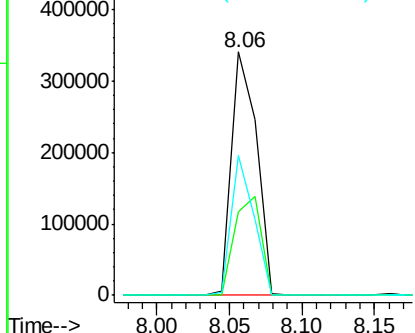
#23
 Nitrobenzene-d5
 Concen: 69.21 ng
 RT: 8.06 min Scan# 601
 Delta R.T. -0.01 min
 Lab File: BF079710.D
 Acq: 4 Jun 2015 19:06

Instrument :
 BNA_F
 ClientSampleId :
 AVE-E-C12.1(3)

Tgt Ion: 82 Resp: 410133
 Ion Ratio Lower Upper
 82 100
 128 34.3 37.6 56.4#
 54 57.4 39.4 59.2

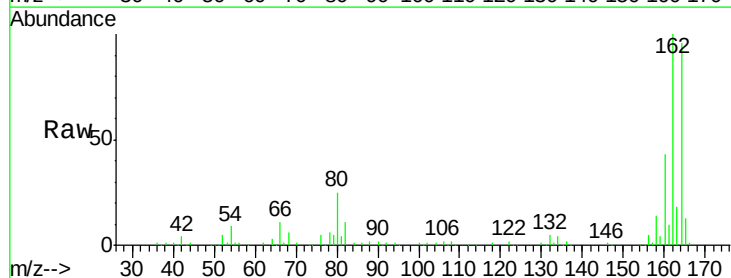


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

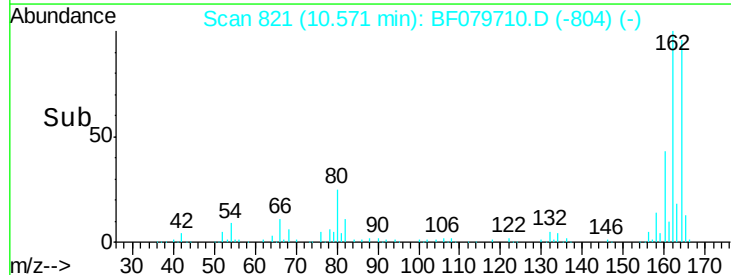
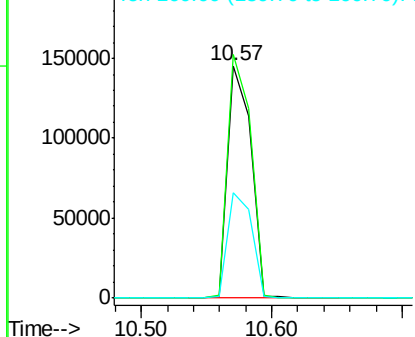


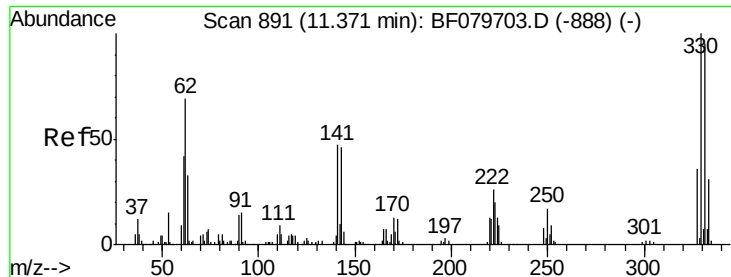
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.57 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF079710.D
 Acq: 4 Jun 2015 19:06

Tgt Ion: 164 Resp: 180653
 Ion Ratio Lower Upper
 164 100
 162 104.7 82.6 123.8
 160 45.2 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

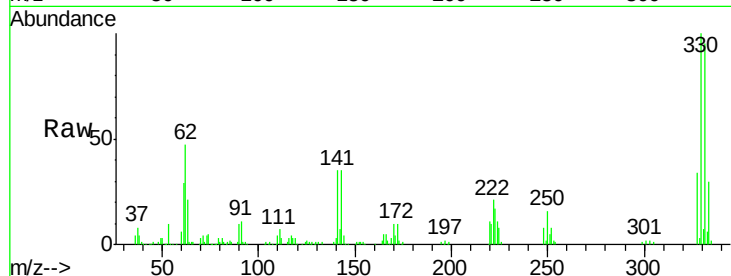




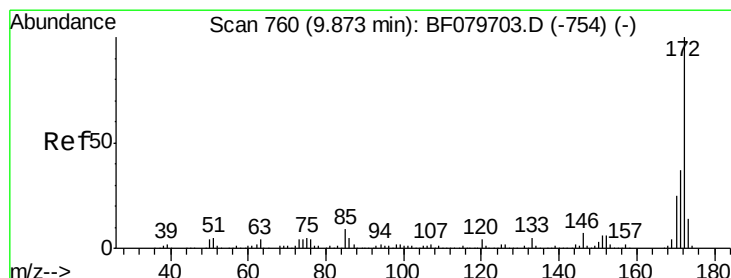
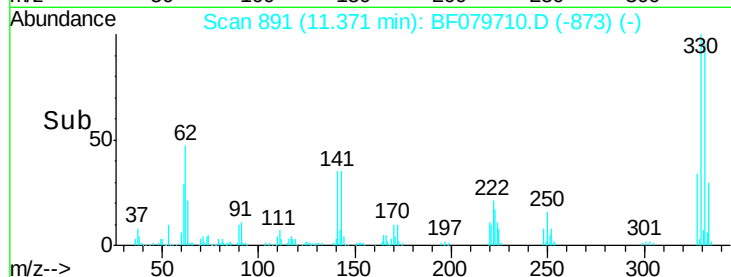
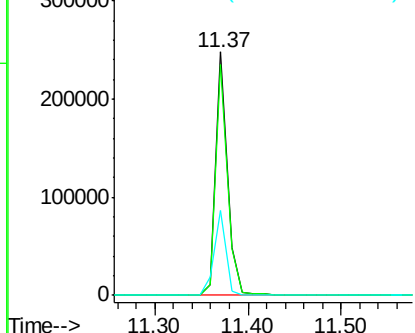
#41
 2,4,6-Tribromophenol
 Concen: 134.39 ng
 RT: 11.37 min Scan# 891
 Delta R.T. 0.00 min
 Lab File: BF079710.D
 Acq: 4 Jun 2015 19:06

Instrument :
 BNA_F
 ClientSampleId :
 AVE-E-C12.1(3)

Tgt Ion:330 Resp: 218011
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.4 116.0
 141 35.4 30.2 45.2

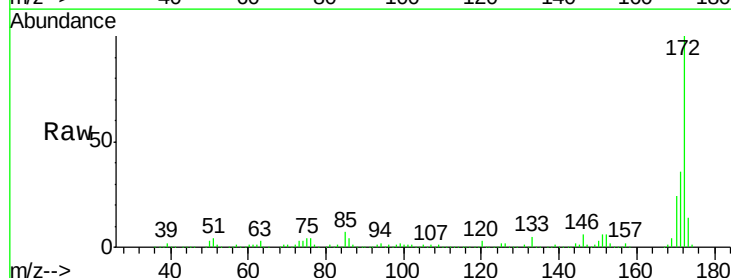


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

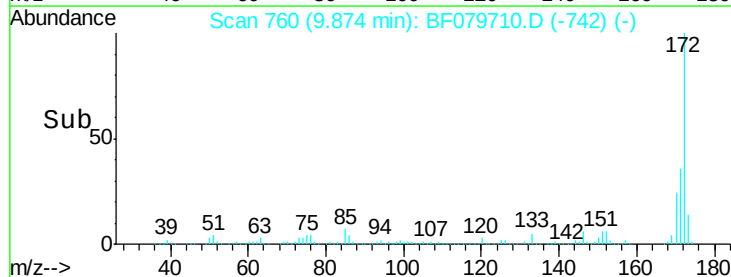
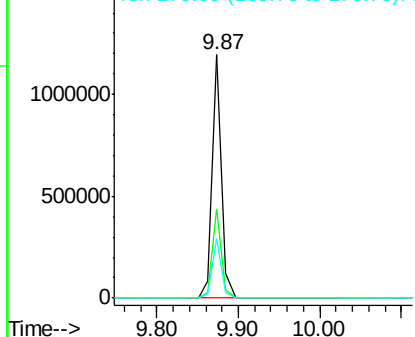


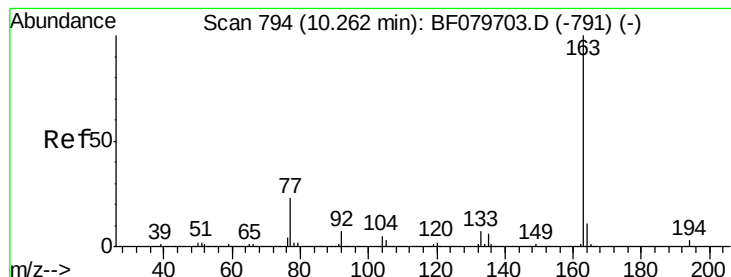
#44
 2-Fluorobiphenyl
 Concen: 77.97 ng
 RT: 9.87 min Scan# 760
 Delta R.T. 0.00 min
 Lab File: BF079710.D
 Acq: 4 Jun 2015 19:06

Tgt Ion:172 Resp: 972849
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.0
 170 24.1 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: 5.33 ng

RT: 10.26 min Scan# 794

Delta R.T. 0.00 min

Lab File: BF079710.D

Acq: 4 Jun 2015 19:06

Instrument :

BNA_F

ClientSampleId :

AVE-E-C12.1(3)

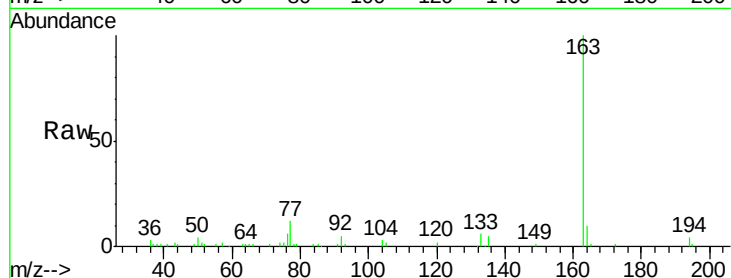
Tgt Ion:163 Resp: 74200

Ion Ratio Lower Upper

163 100

194 4.3 2.6 3.8#

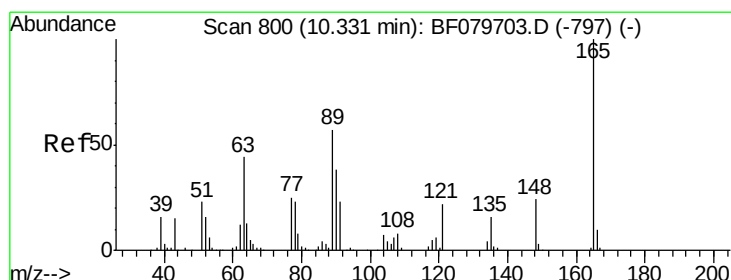
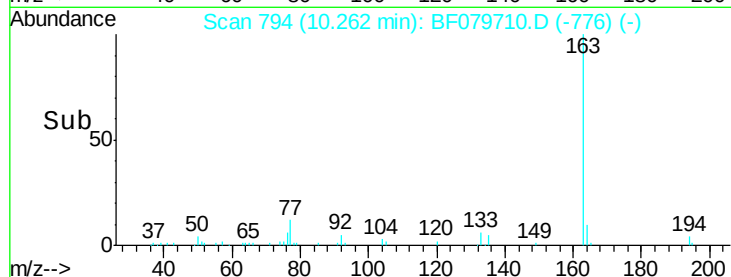
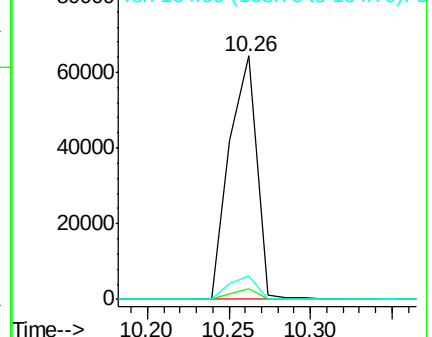
164 9.7 8.5 12.7



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: 3.35 ng

RT: 10.26 min Scan# 794

Delta R.T. -0.07 min

Lab File: BF079710.D

Acq: 4 Jun 2015 19:06

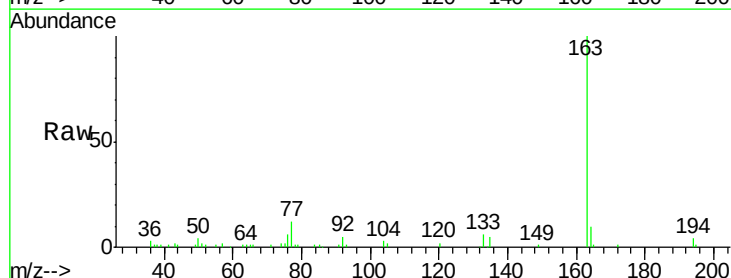
Tgt Ion:165 Resp: 837

Ion Ratio Lower Upper

165 100

63 87.3 45.2 67.8#

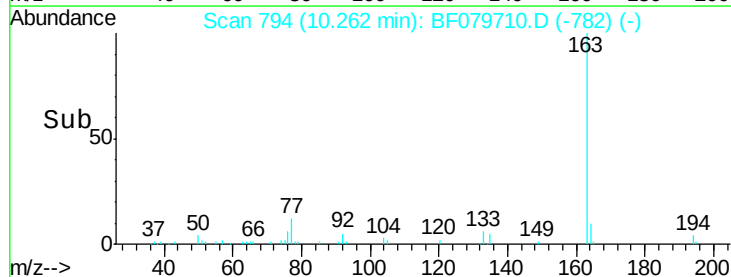
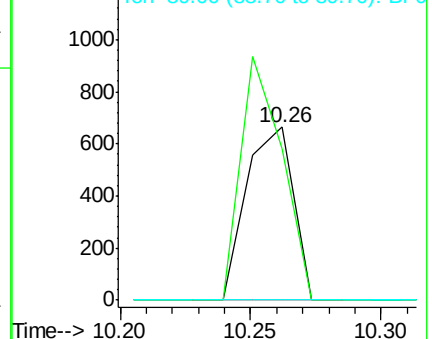
89 0.0 45.9 68.9#

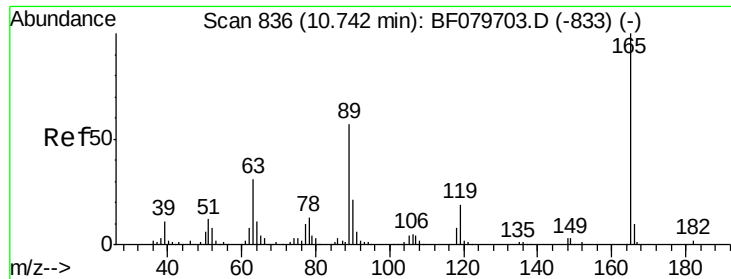


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

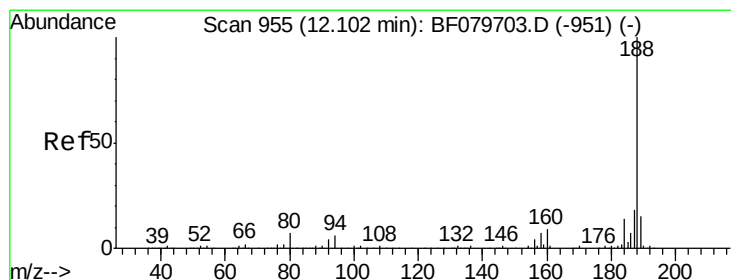
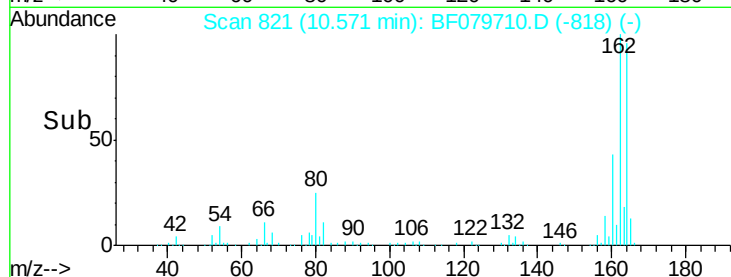
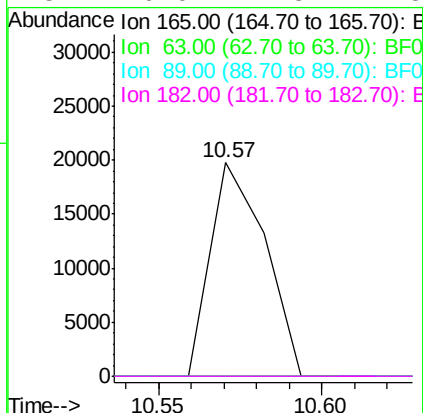
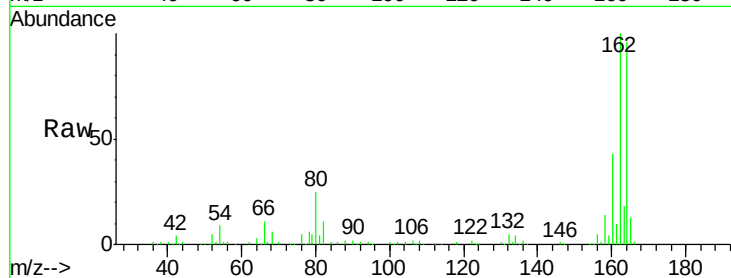




#56
 2,4-Dinitrotoluene
 Concen: 7.67 ng
 RT: 10.57 min Scan# 821
 Delta R.T. -0.17 min
 Lab File: BF079710.D
 Acq: 4 Jun 2015 19:06

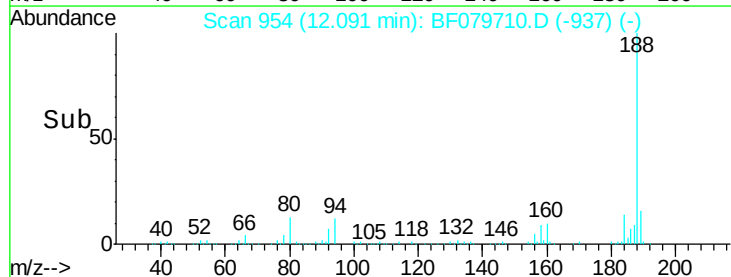
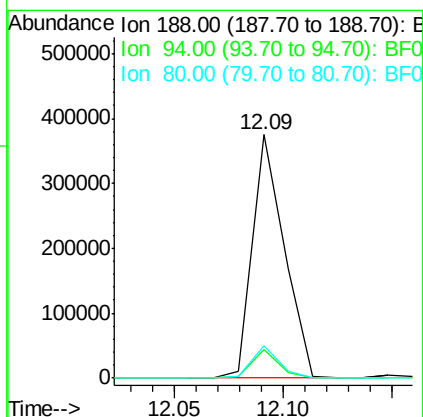
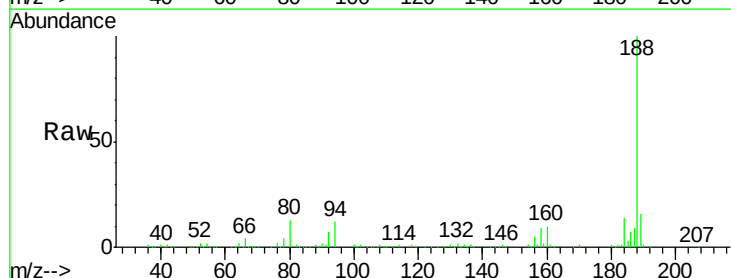
Instrument :
 BNA_F
 ClientSampleId :
 AVE-E-C12.1(3)

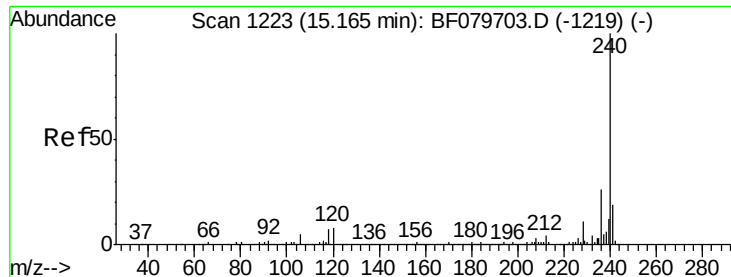
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	24.7	37.1#
89	0.0	45.7	68.5#
182	0.0	1.8	2.8#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.09 min Scan# 954
 Delta R.T. -0.01 min
 Lab File: BF079710.D
 Acq: 4 Jun 2015 19:06

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.8	5.0	7.4#
80	13.3	5.3	7.9#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.15 min Scan# 1222

Delta R.T. -0.01 min

Lab File: BF079710.D

Acq: 4 Jun 2015 19:06

Instrument :

BNA_F

ClientSampleId :

AVE-E-C12.1(3)

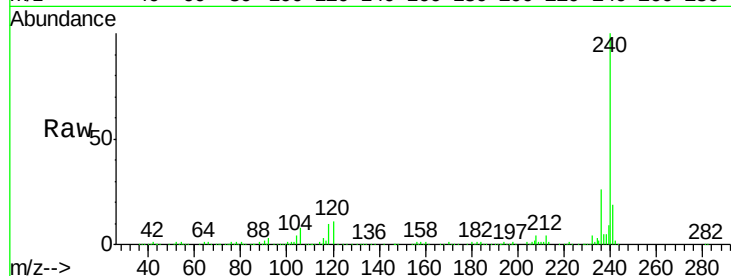
Tgt Ion:240 Resp: 419043

Ion Ratio Lower Upper

240 100

120 11.0 6.2 9.2#

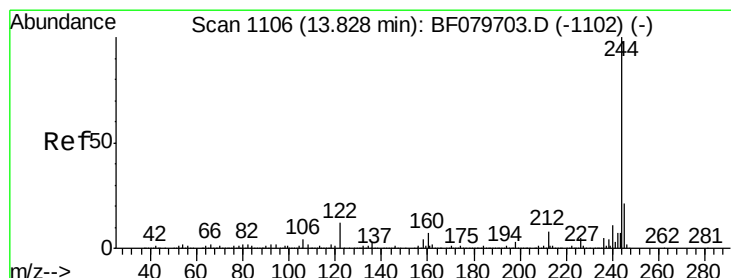
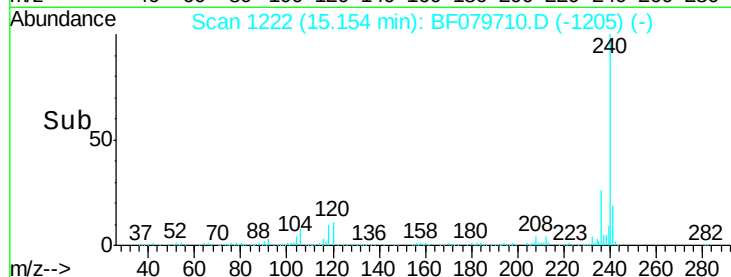
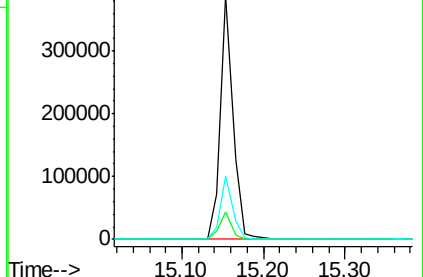
236 25.7 21.0 31.4



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: 65.85 ng

RT: 13.83 min Scan# 1106

Delta R.T. 0.00 min

Lab File: BF079710.D

Acq: 4 Jun 2015 19:06

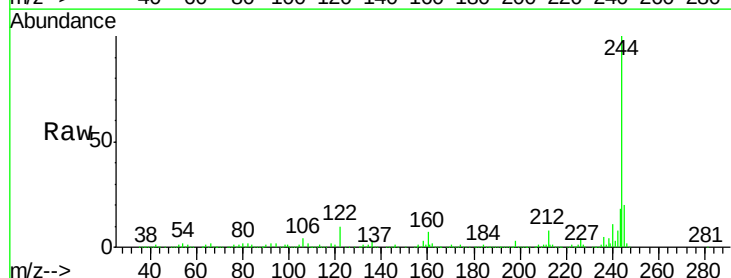
Tgt Ion:244 Resp: 1171258

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

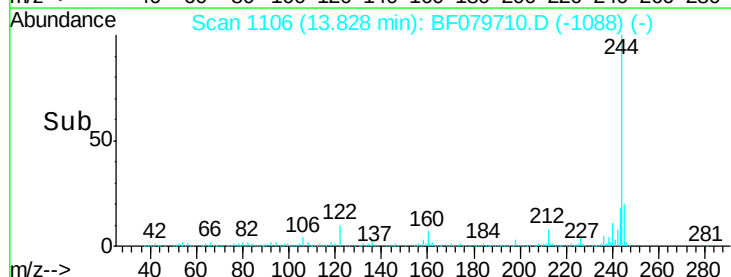
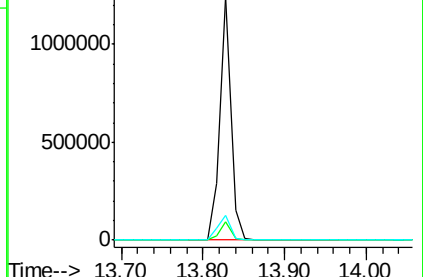
122 10.4 9.3 13.9

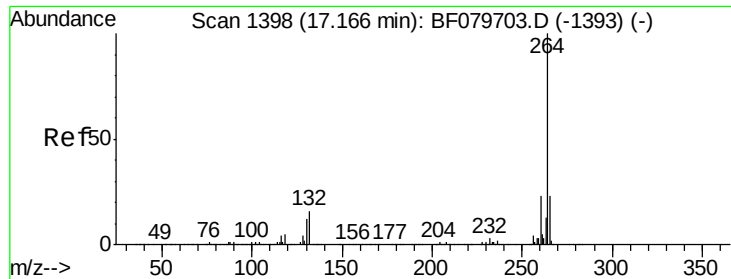


Abundance Ion 244.00 (243.70 to 244.70): E

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: 17.17 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF079710.D
Acq: 4 Jun 2015 19:06

Instrument :
BNA_F
ClientSampleId :
AVE-E-C12.1(3)

Tgt Ion: 264 Resp: 392909

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	27.8
265	20.7	18.2	27.4

