

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050815\
 Data File : BF079095.D
 Acq On : 9 May 2015 22:18
 Operator : TP/IZ
 Sample : G2087-07
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B4-0-2

Quant Time: May 11 02:09:27 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 11 01:50:36 2015
 Response via : Initial Calibration

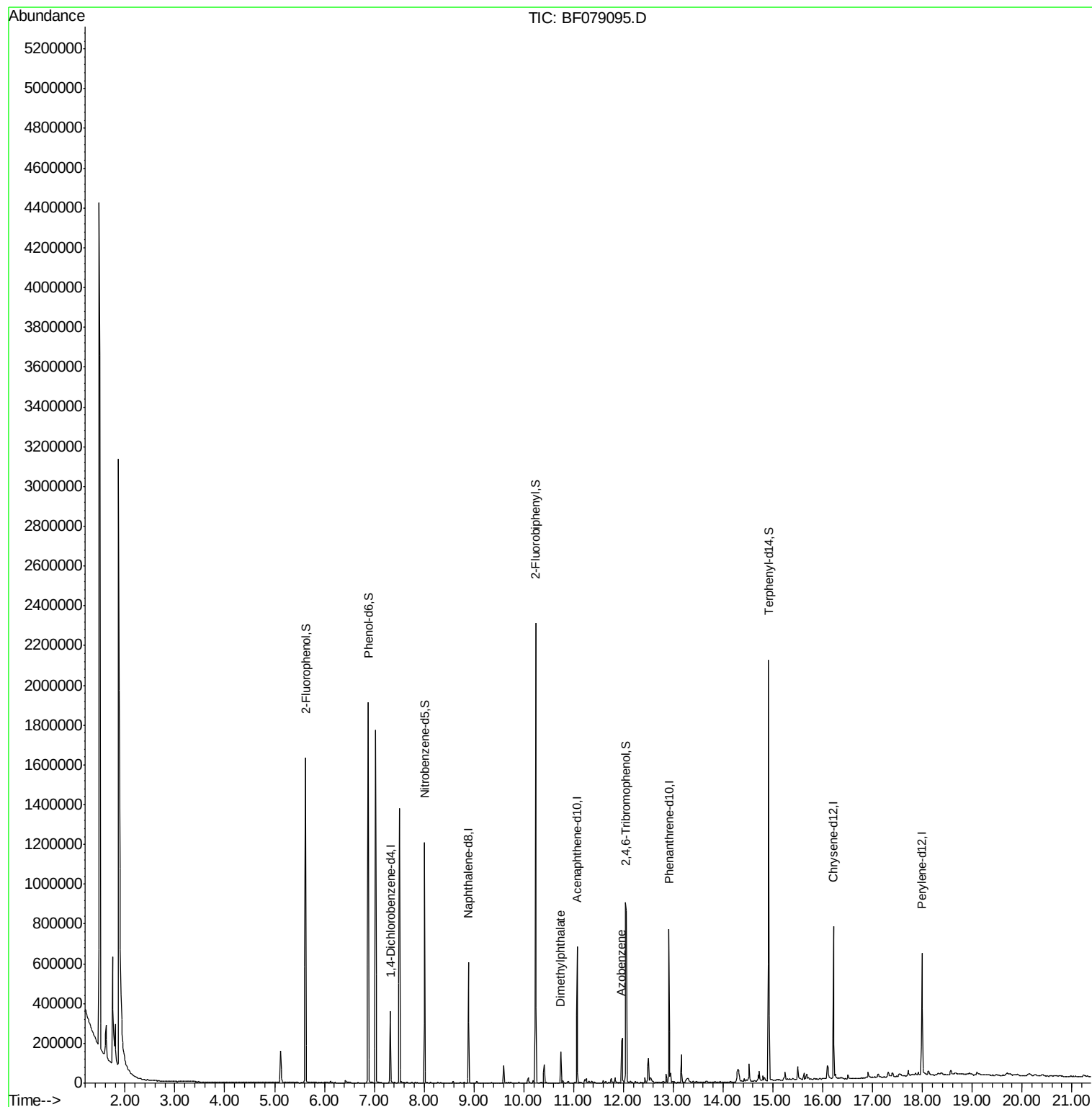
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	76792	20.00	ng	0.00
21) Naphthalene-d8	8.89	136	322564	20.00	ng	0.00
38) Acenaphthene-d10	11.07	164	162618	20.00	ng	0.00
63) Phenanthrene-d10	12.91	188	299626	20.00	ng	0.00
75) Chrysene-d12	16.22	240	288265	20.00	ng	0.01
86) Perylene-d12	17.99	264	286585	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	493128	110.54	ng	0.00
7) Phenol-d6	6.88	99	670191	113.65	ng	0.00
23) Nitrobenzene-d5	8.01	82	374252	66.68	ng	0.00
41) 2,4,6-Tribromophenol	12.06	330	171887	97.71	ng	0.00
44) 2-Fluorobiphenyl	10.24	172	684637	58.66	ng	0.00
78) Terphenyl-d14	14.91	244	721437	59.92	ng	0.00
Target Compounds						
49) Dimethylphthalate	10.74	163	63013	5.28	ng	Qvalue 100
62) Azobenzene	11.96	77	63278	5.43	ng	# 5

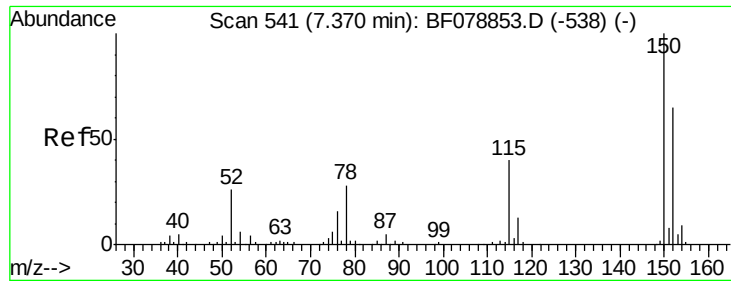
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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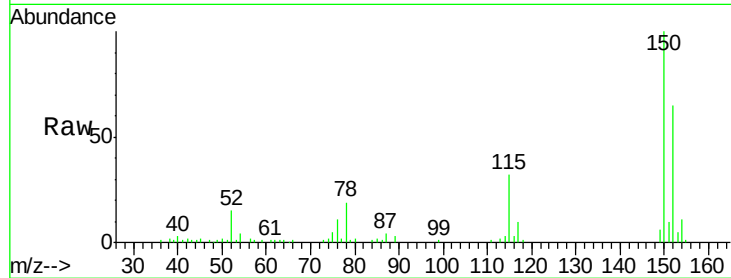


#1

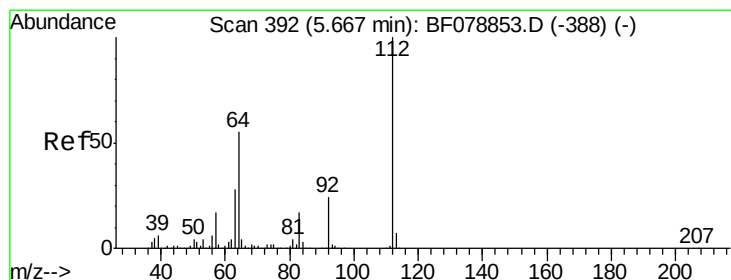
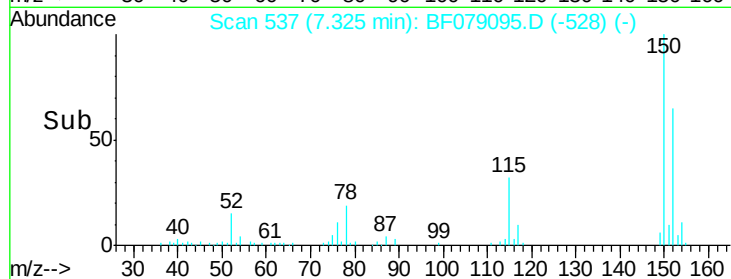
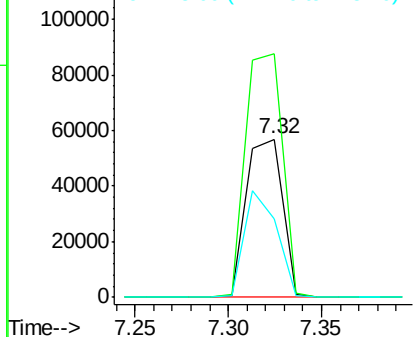
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.32 min Scan# 537
Delta R.T. -0.00 min
Lab File: BF079095.D
Acq: 9 May 2015 22:18

Instrument :
BNA_F
ClientSampleId :
B4-0-2

Tgt Ion:152 Resp: 76792
Ion Ratio Lower Upper
152 100
150 153.8 122.0 183.0
115 49.8 46.3 69.5



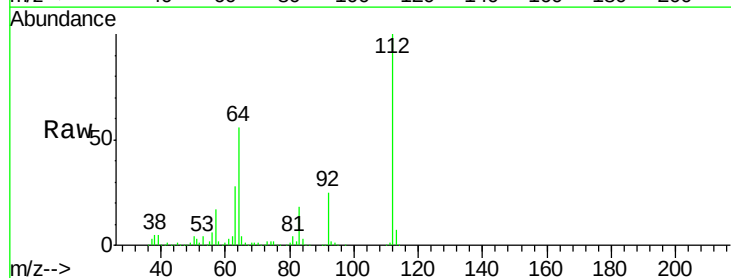
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



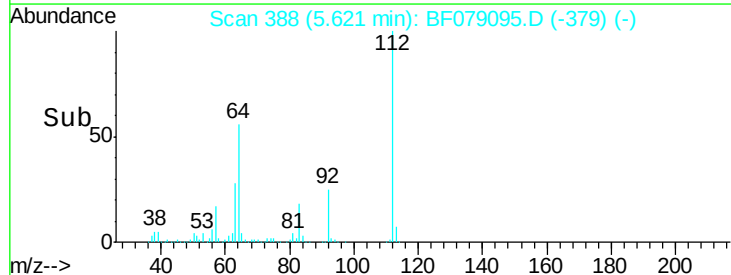
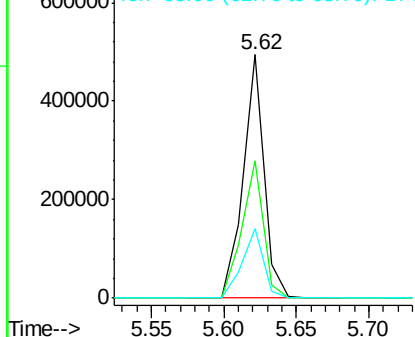
#5

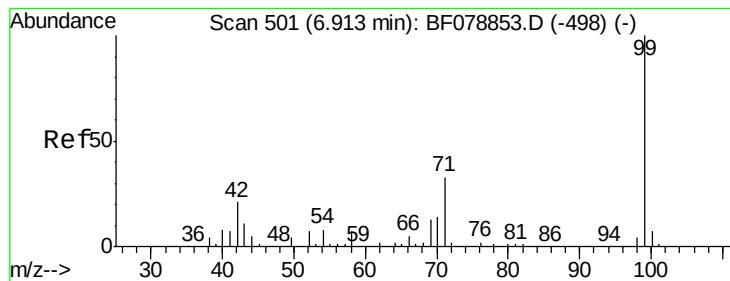
2-Fluorophenol
Concen: 110.54 ng
RT: 5.62 min Scan# 388
Delta R.T. -0.00 min
Lab File: BF079095.D
Acq: 9 May 2015 22:18

Tgt Ion:112 Resp: 493128
Ion Ratio Lower Upper
112 100
64 56.4 53.5 80.3
63 28.3 27.5 41.3



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: 113.65 ng

RT: 6.88 min Scan# 498

Delta R.T. -0.00 min

Lab File: BF079095.D

Acq: 9 May 2015 22:18

Instrument :

BNA_F

ClientSampleId :

B4-0-2

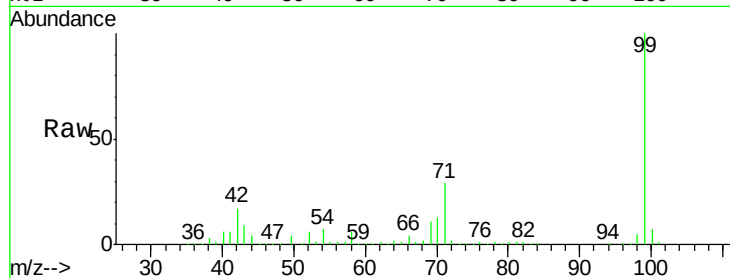
Tgt Ion: 99 Resp: 670191

Ion Ratio Lower Upper

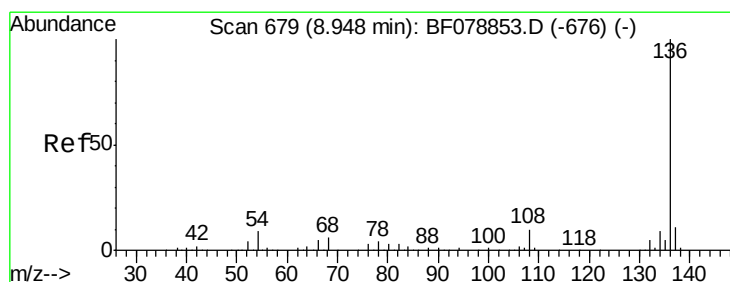
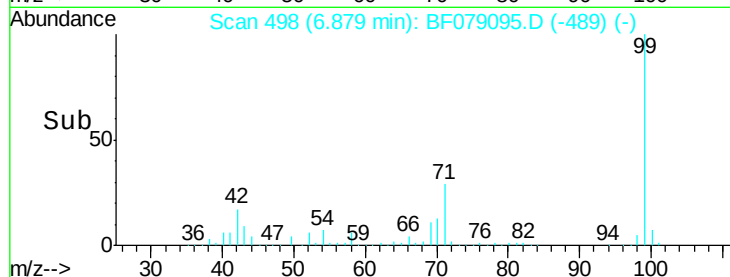
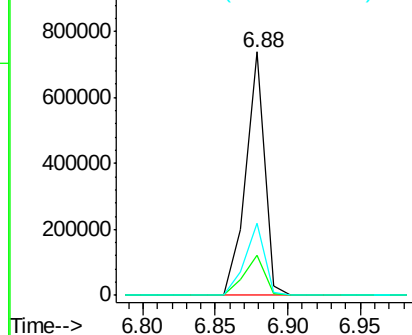
99 100

42 16.7 12.8 19.2

71 29.4 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: 8.89 min Scan# 674

Delta R.T. -0.00 min

Lab File: BF079095.D

Acq: 9 May 2015 22:18

Tgt Ion: 136 Resp: 322564

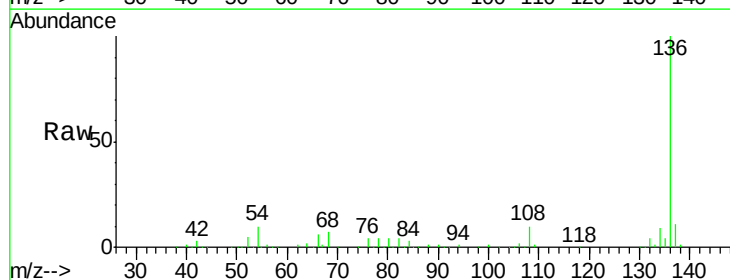
Ion Ratio Lower Upper

136 100

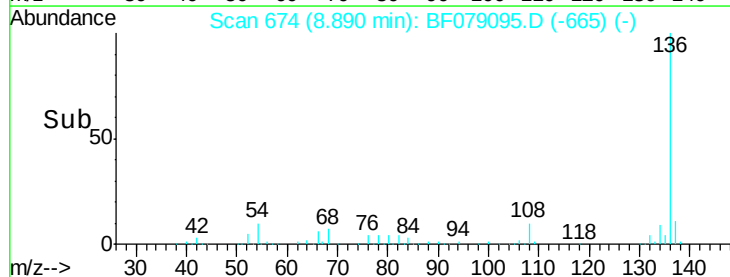
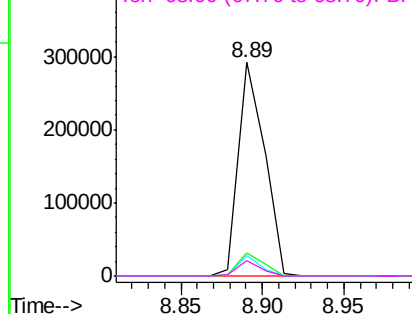
137 11.1 8.7 13.1

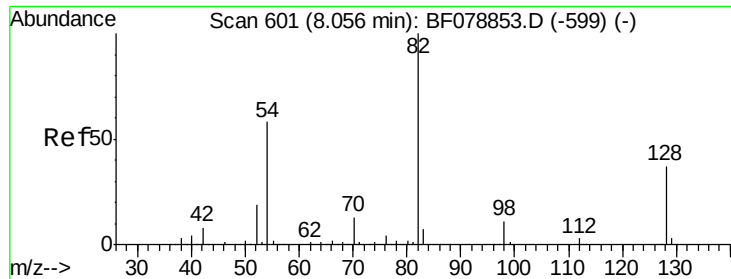
54 9.7 5.8 8.8#

68 6.9 4.2 6.4#



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

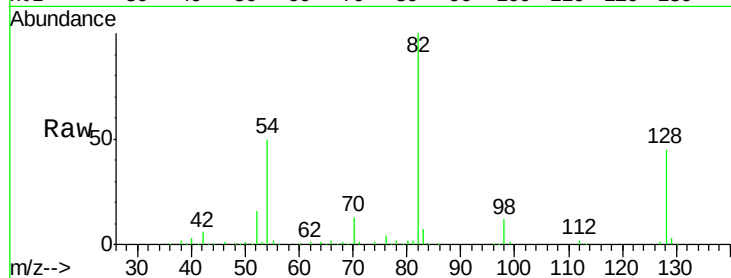




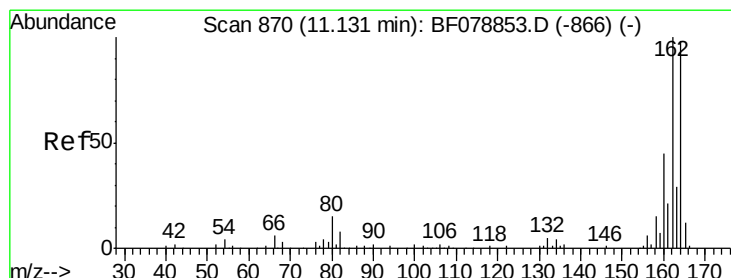
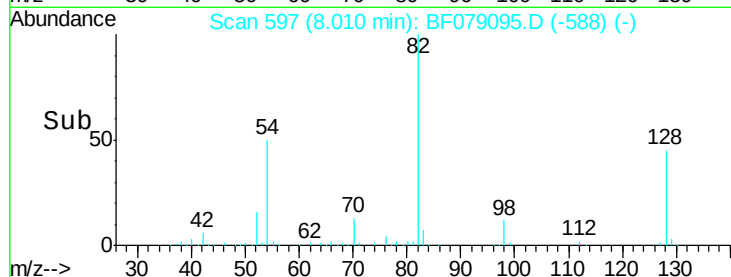
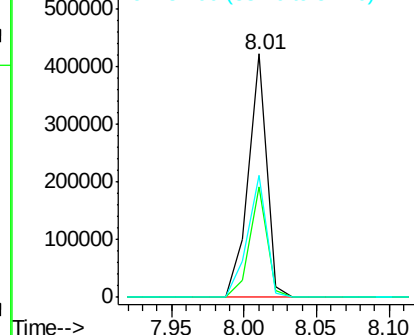
#23
 Nitrobenzene-d5
 Concen: 66.68 ng
 RT: 8.01 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: BF079095.D
 Acq: 9 May 2015 22:18

Instrument :
 BNA_F
 ClientSampleId :
 B4-0-2

Tgt Ion: 82 Resp: 374252
 Ion Ratio Lower Upper
 82 100
 128 45.4 30.0 45.0#
 54 50.1 46.4 69.6

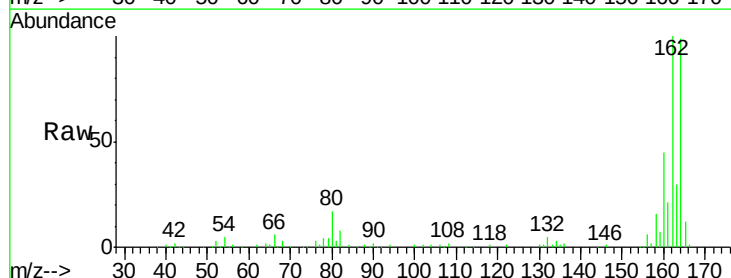


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

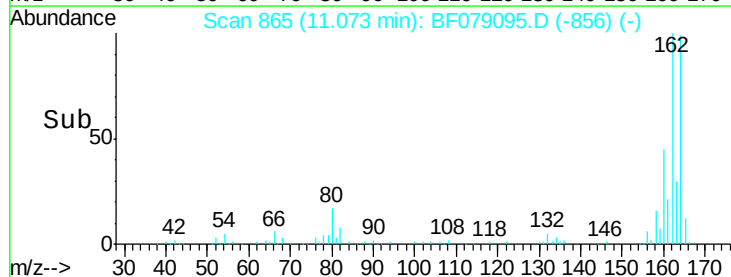
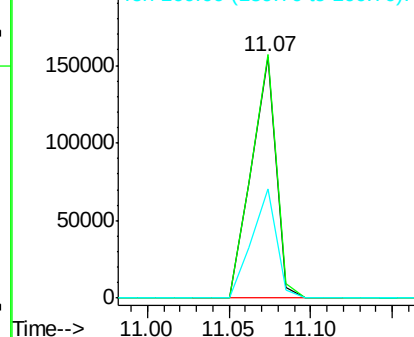


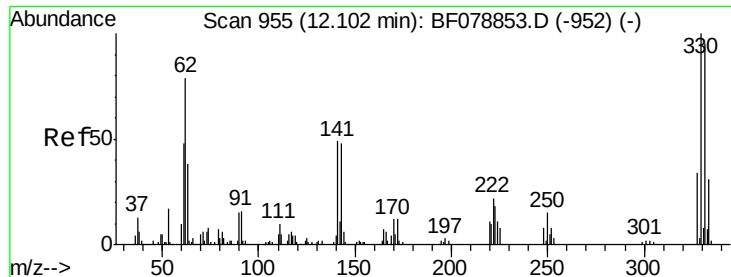
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.07 min Scan# 865
 Delta R.T. -0.00 min
 Lab File: BF079095.D
 Acq: 9 May 2015 22:18

Tgt Ion: 164 Resp: 162618
 Ion Ratio Lower Upper
 164 100
 162 100.8 82.7 124.1
 160 45.4 35.8 53.8



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

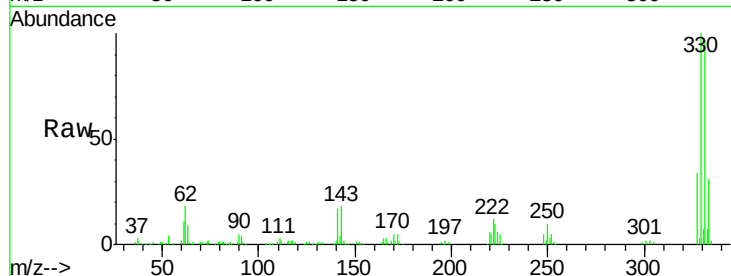




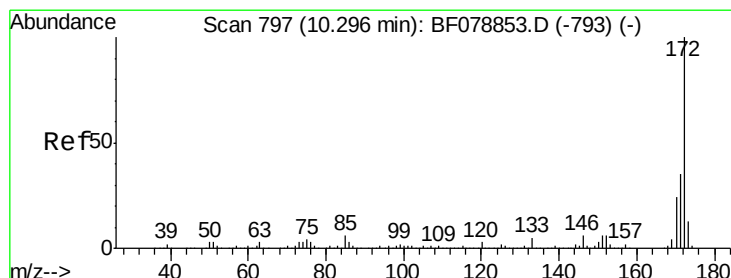
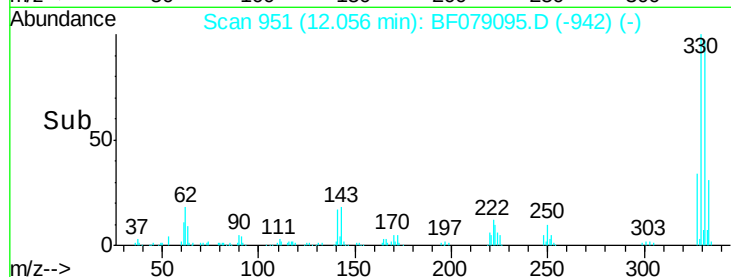
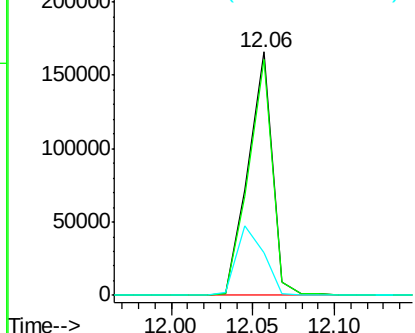
#41
 2,4,6-Tribromophenol
 Concen: 97.71 ng
 RT: 12.06 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF079095.D
 Acq: 9 May 2015 22:18

Instrument :
 BNA_F
 ClientSampled :
 B4-0-2

Tgt Ion:330 Resp: 171887
 Ion Ratio Lower Upper
 330 100
 332 96.4 0.0 0.0#
 141 31.9 0.0 0.0#

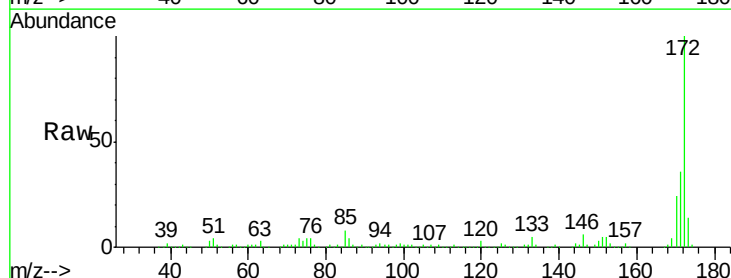


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

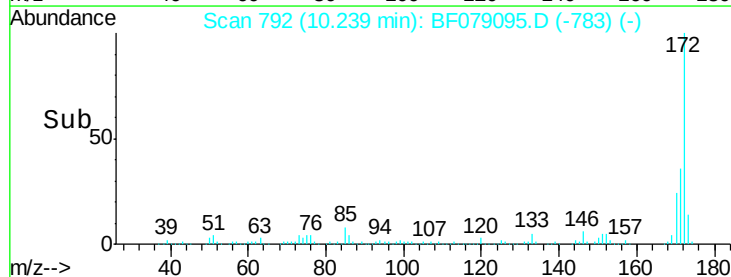
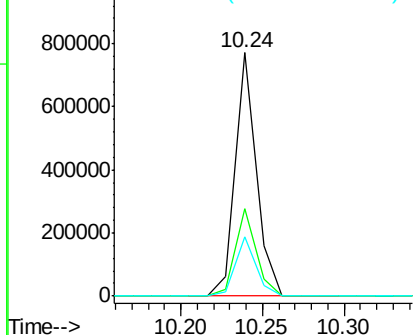


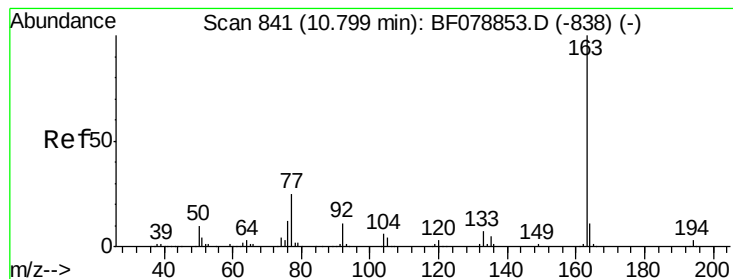
#44
 2-Fluorobiphenyl
 Concen: 58.66 ng
 RT: 10.24 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF079095.D
 Acq: 9 May 2015 22:18

Tgt Ion:172 Resp: 684637
 Ion Ratio Lower Upper
 172 100
 171 35.9 27.9 41.9
 170 24.2 19.4 29.0



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: 5.28 ng

RT: 10.74 min Scan# 836

Delta R.T. -0.01 min

Lab File: BF079095.D

Acq: 9 May 2015 22:18

Instrument :

BNA_F

ClientSampleId :

B4-0-2

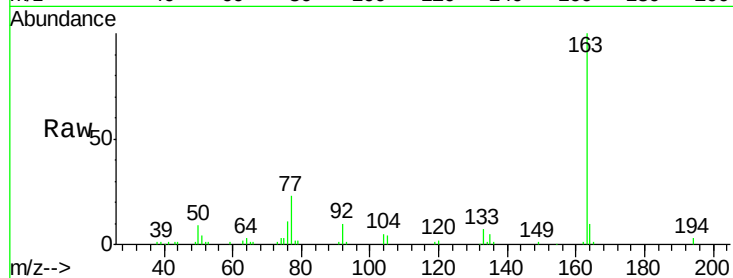
Tgt Ion:163 Resp: 63013

Ion Ratio Lower Upper

163 100

194 2.9 2.6 4.0

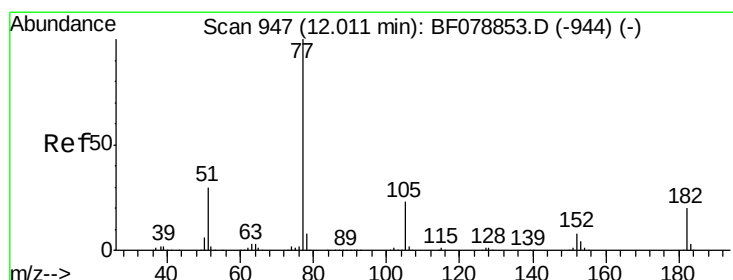
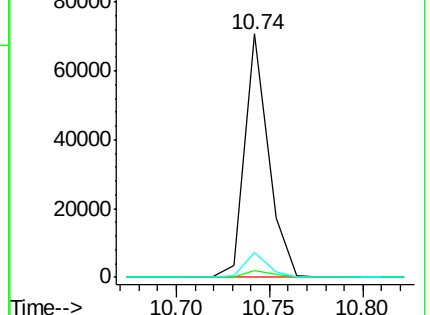
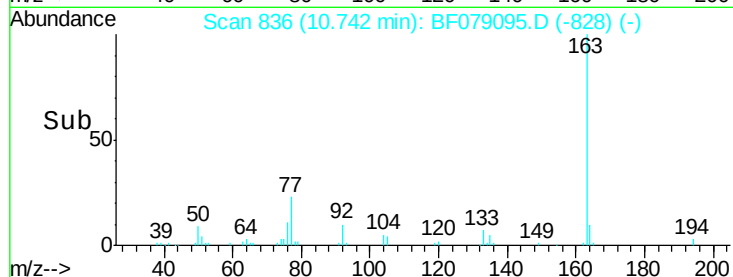
164 10.1 8.1 12.1



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



#62

Azobenzene

Concen: 5.43 ng

RT: 11.96 min Scan# 943

Delta R.T. 0.01 min

Lab File: BF079095.D

Acq: 9 May 2015 22:18

Tgt Ion: 77 Resp: 63278

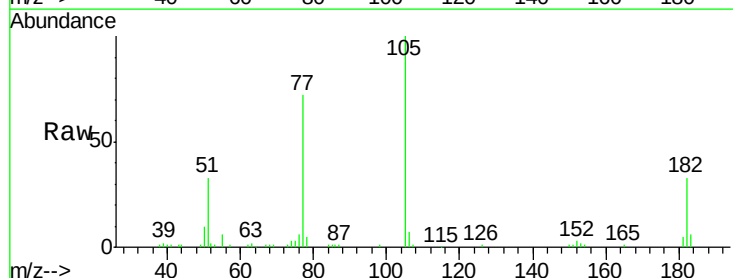
Ion Ratio Lower Upper

77 100

182 45.9 3.8 43.8#

105 138.8 3.9 43.9#

51 45.2 10.8 50.8

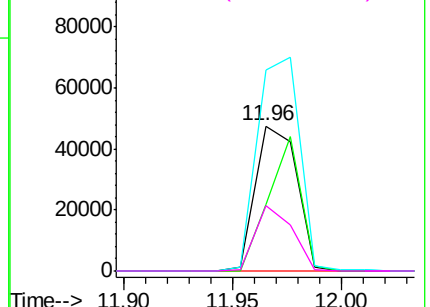
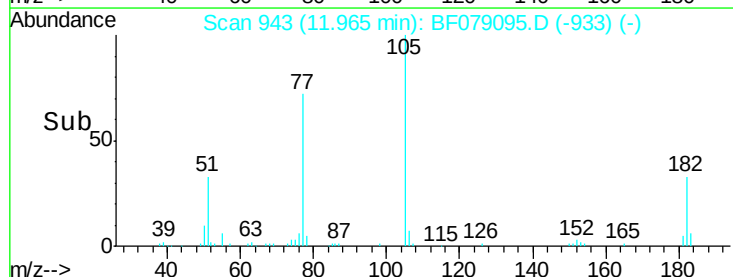


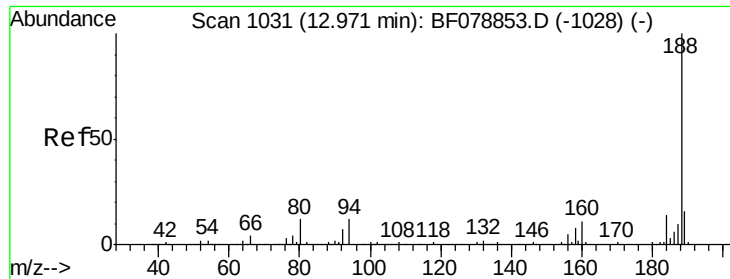
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.91 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BF079095.D

Acq: 9 May 2015 22:18

Instrument :

BNA_F

ClientSampleId :

B4-0-2

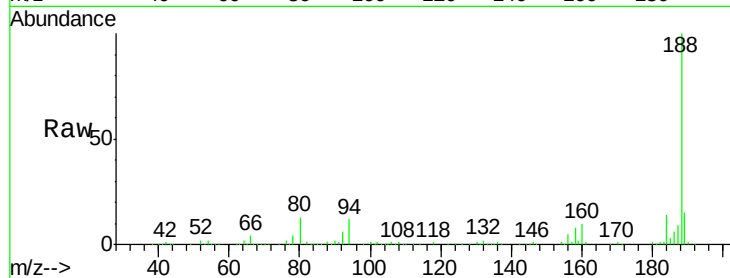
Tgt Ion:188 Resp: 299626

Ion Ratio Lower Upper

188 100

94 11.7 8.2 12.2

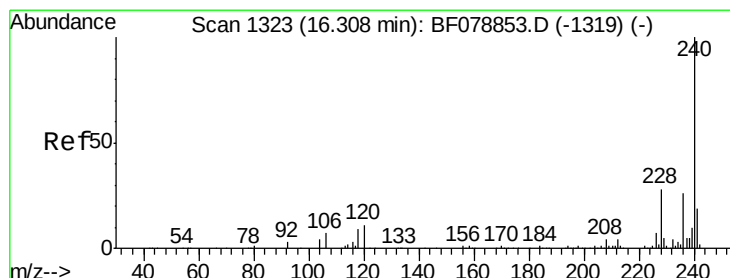
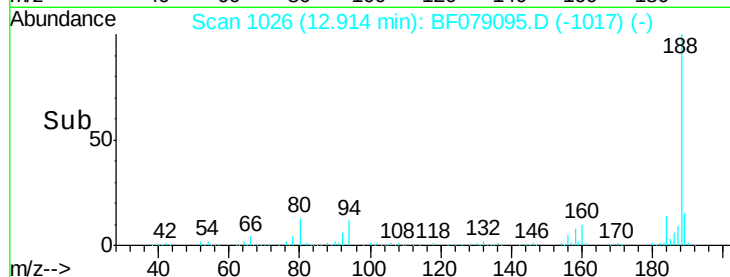
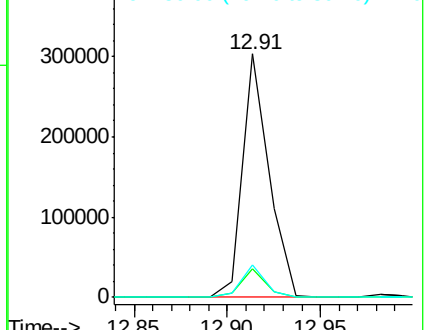
80 13.1 8.9 13.3



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: 16.22 min Scan# 1315

Delta R.T. 0.01 min

Lab File: BF079095.D

Acq: 9 May 2015 22:18

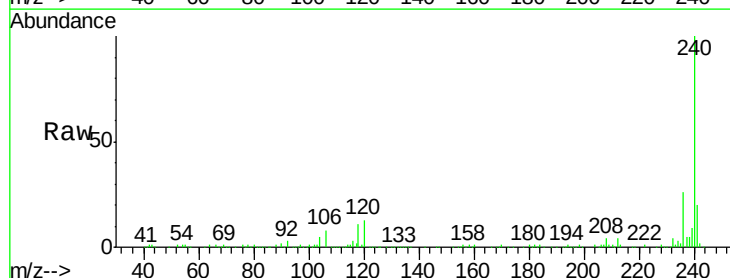
Tgt Ion:240 Resp: 288265

Ion Ratio Lower Upper

240 100

120 12.5 9.7 14.5

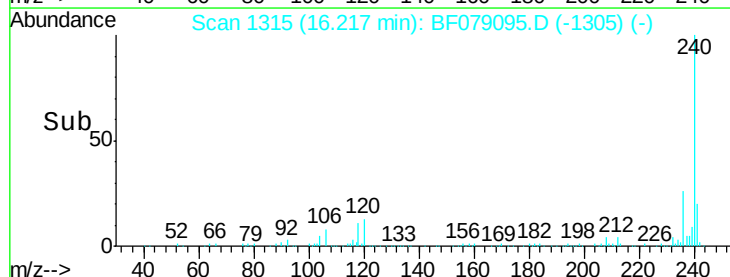
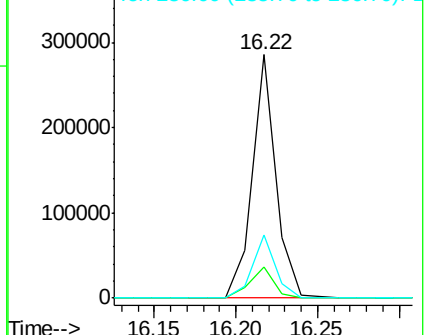
236 25.7 20.2 30.4

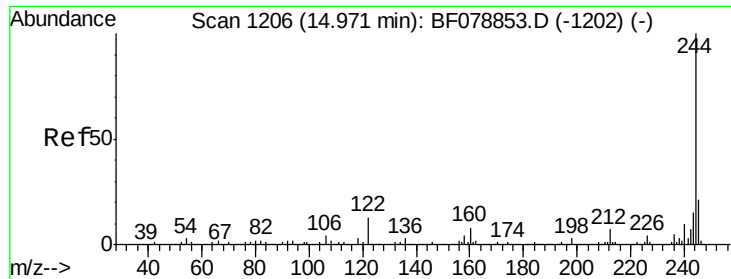


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

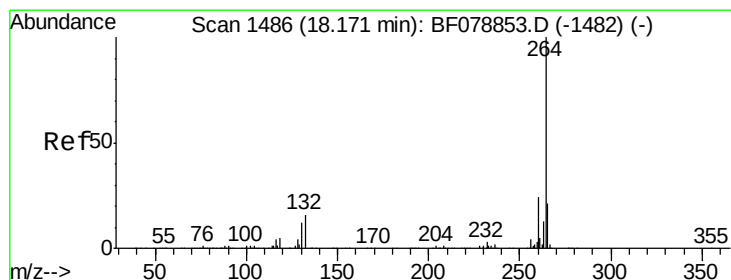
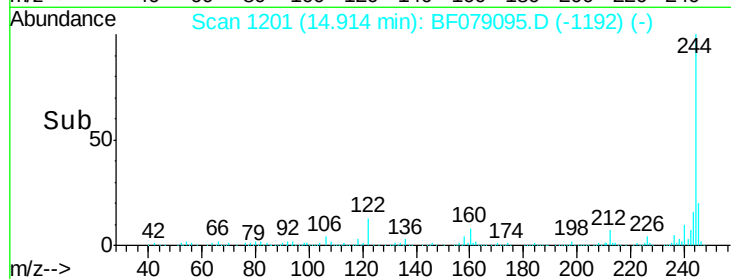
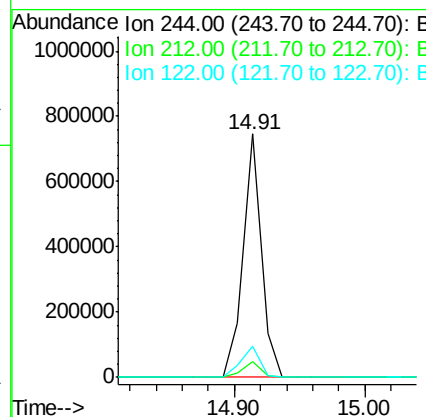
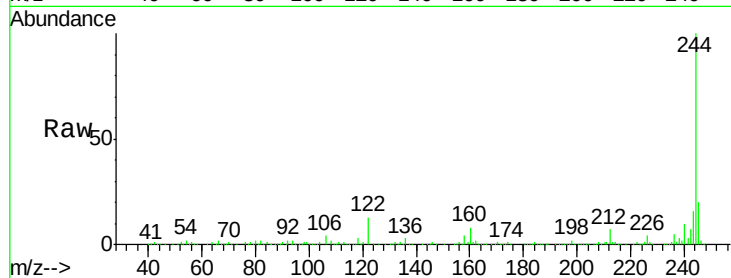




#78
 Terphenyl-d14
 Concen: 59.92 ng
 RT: 14.91 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF079095.D
 Acq: 9 May 2015 22:18

Instrument :
 BNA_F
 ClientSampleId :
 B4-0-2

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.6	8.4
122	12.7	10.3	15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.99 min Scan# 1470
 Delta R.T. 0.07 min
 Lab File: BF079095.D
 Acq: 9 May 2015 22:18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.4	29.2
265	21.6	18.3	27.5

