

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050815\
 Data File : BF079091.D
 Acq On : 9 May 2015 20:25
 Operator : TP/IZ
 Sample : G2087-09
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B5-0-2

Quant Time: May 11 02:28:51 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

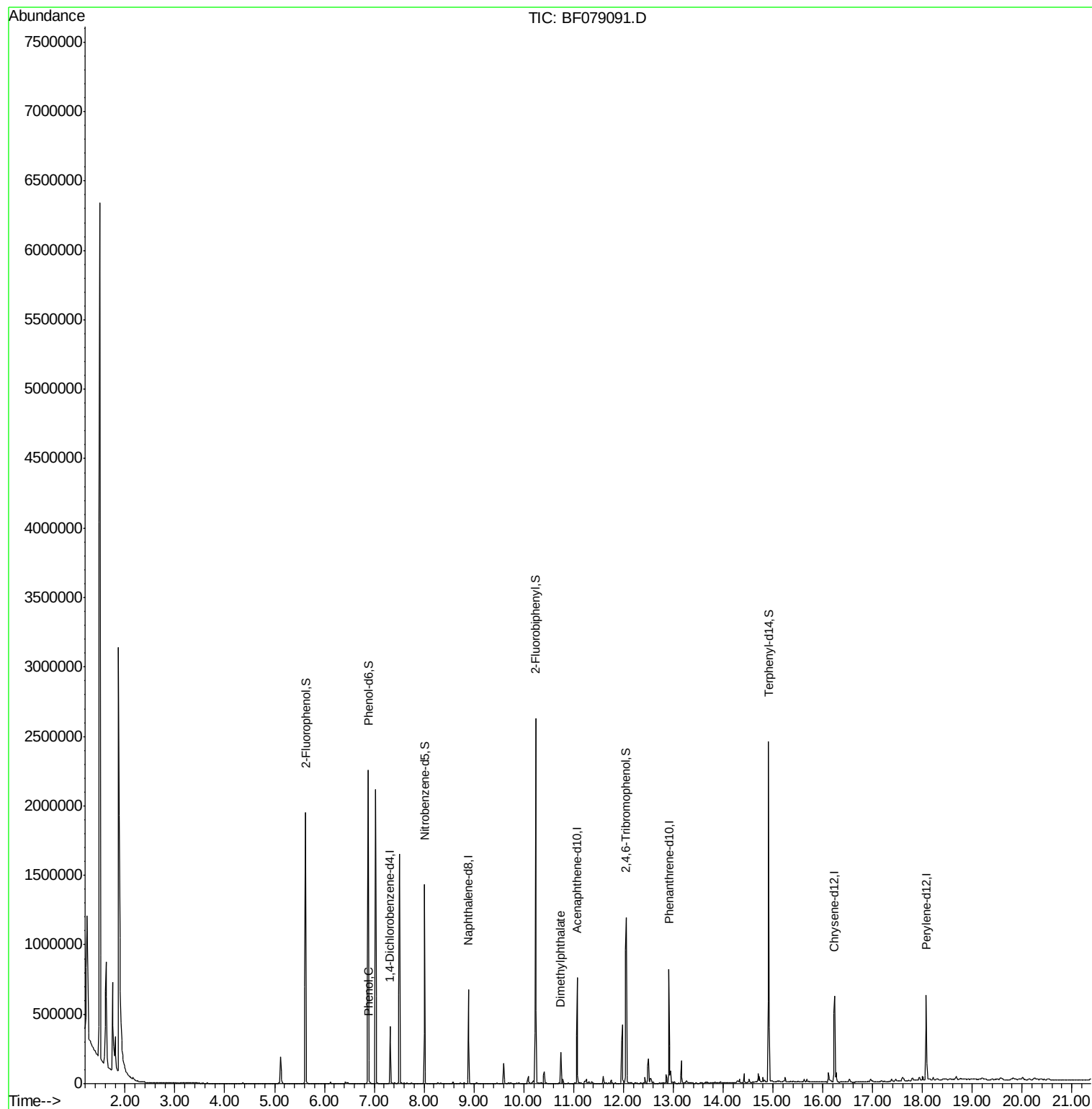
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.31	152	81143	20.00	ng	-0.01
21) Naphthalene-d8	8.89	136	343627	20.00	ng	0.00
38) Acenaphthene-d10	11.07	164	174018	20.00	ng	0.00
63) Phenanthrene-d10	12.91	188	317800	20.00	ng	0.00
75) Chrysene-d12	16.24	240	295714	20.00	ng	0.03
86) Perylene-d12	18.08	264	299094	20.00	ng	0.16
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	588036	124.75	ng	0.00
7) Phenol-d6	6.88	99	783149	125.69	ng	0.00
23) Nitrobenzene-d5	8.01	82	448185	74.96	ng	0.00
41) 2,4,6-Tribromophenol	12.06	330	211438	112.31	ng	0.00
44) 2-Fluorobiphenyl	10.24	172	789973	63.25	ng	0.00
78) Terphenyl-d14	14.91	244	823186	66.65	ng	0.00
Target Compounds						
10) Phenol	6.89	94	15298	2.12	ng	88
49) Dimethylphthalate	10.74	163	93981	7.36	ng	100

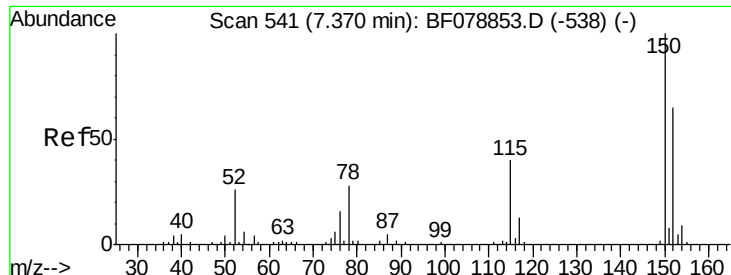
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.31 min Scan# 536

Delta R.T. -0.01 min

Lab File: BF079091.D

Acq: 9 May 2015 20:25

Instrument :

BNA_F

ClientSampleId :

B5-0-2

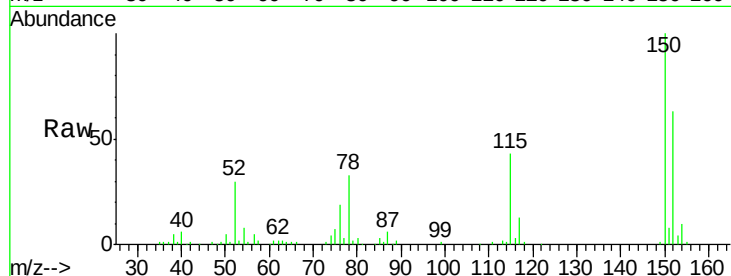
Tot Ion:152 Resp: 81143

Ion Ratio Lower Upper

152 100

150 159.0 122.0 183.0

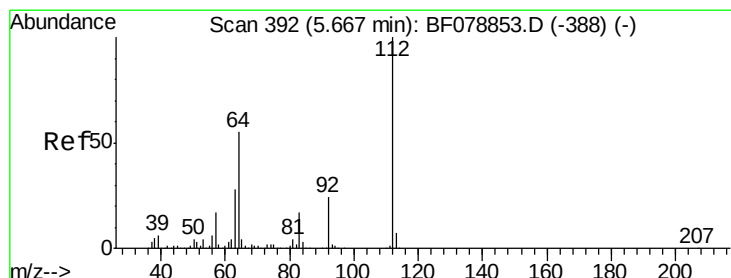
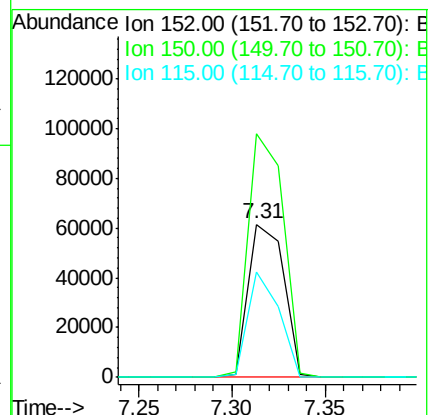
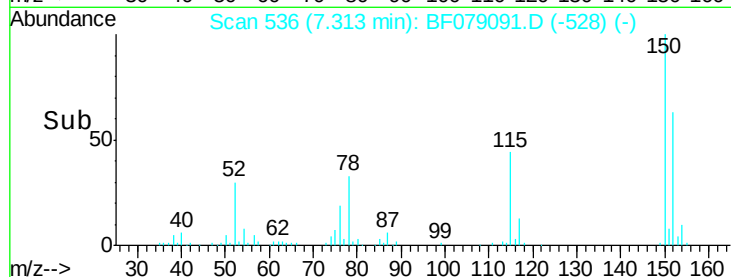
115 69.1 46.3 69.5



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: 124.75 ng

RT: 5.62 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF079091.D

Acq: 9 May 2015 20:25

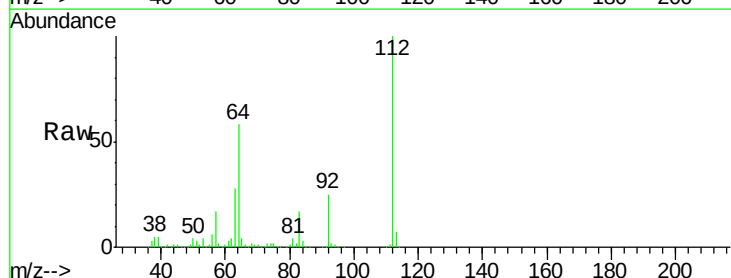
Tgt Ion:112 Resp: 588036

Ion Ratio Lower Upper

112 100

64 57.8 53.5 80.3

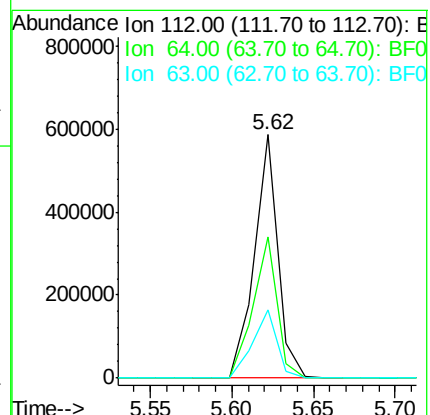
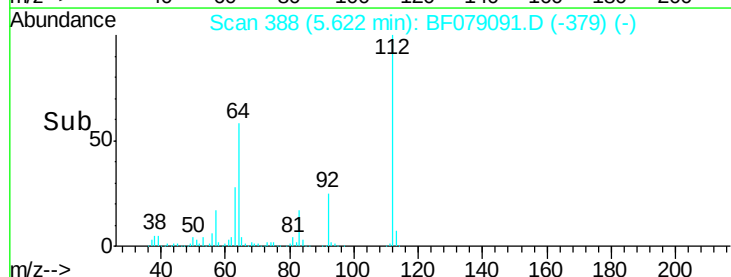
63 28.2 27.5 41.3

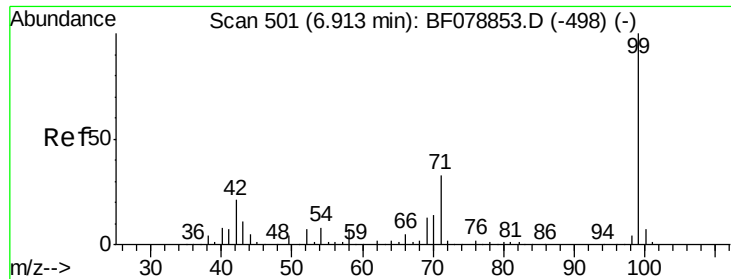


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 125.69 ng

RT: 6.88 min Scan# 498

Delta R.T. 0.00 min

Lab File: BF079091.D

Acq: 9 May 2015 20:25

Instrument :

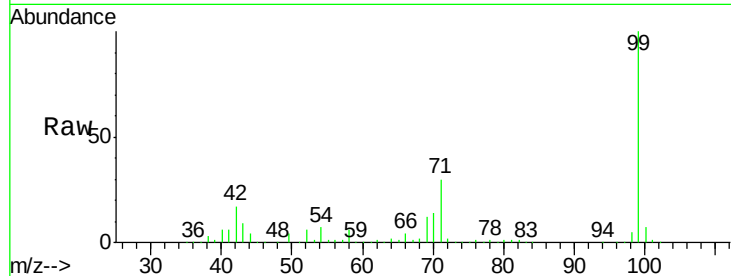
BNA_F

ClientSampleId :

B5-0-2

Tot Ion: 99 Resp: 783149

Ion	Ratio	Lower	Upper
99	100		
42	16.9	12.8	19.2
71	30.3	23.4	35.2

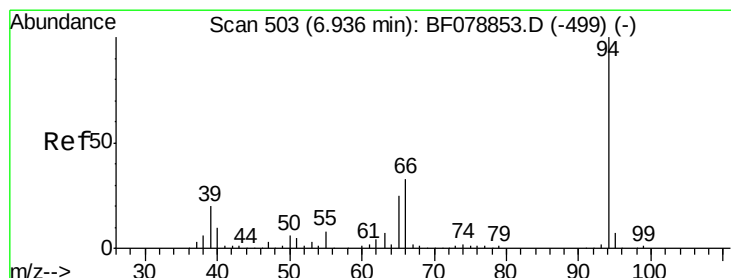
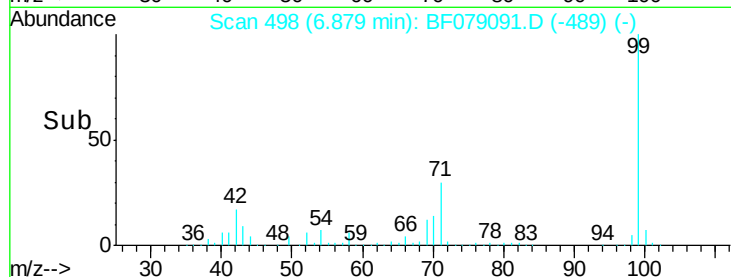
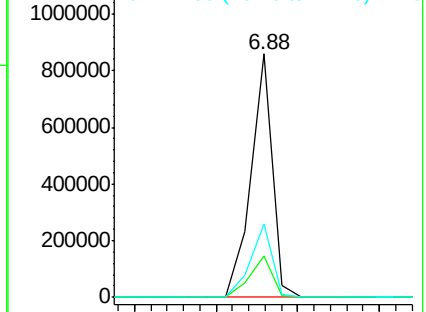


Abundance

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



#10

Phenol

Concen: 2.12 ng

RT: 6.89 min Scan# 499

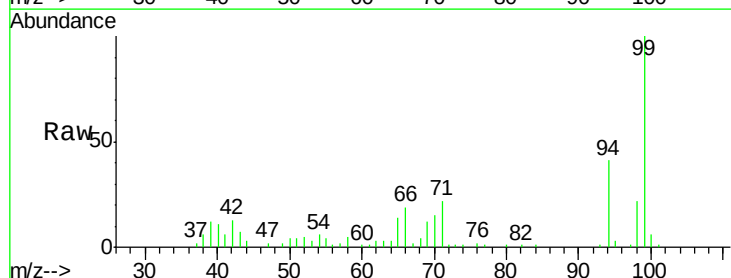
Delta R.T. 0.00 min

Lab File: BF079091.D

Acq: 9 May 2015 20:25

Tgt Ion: 94 Resp: 15298

Ion	Ratio	Lower	Upper
94	100		
65	33.0	8.5	48.5
66	44.9	16.0	56.0

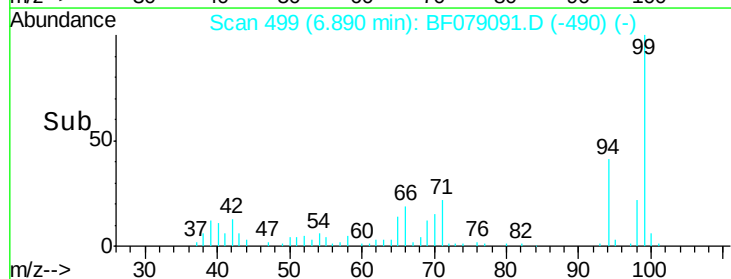
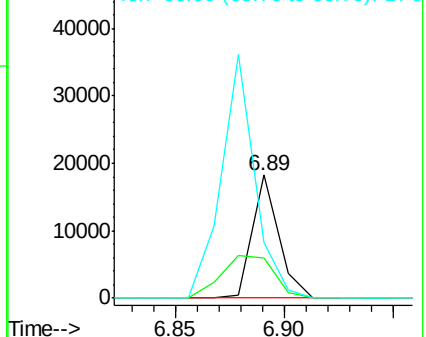


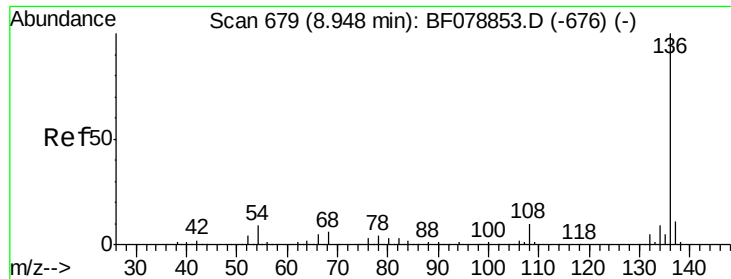
Abundance

Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

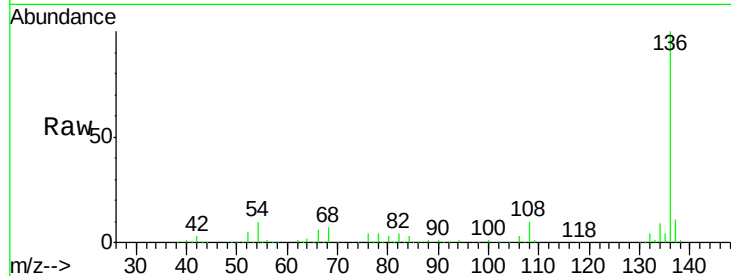




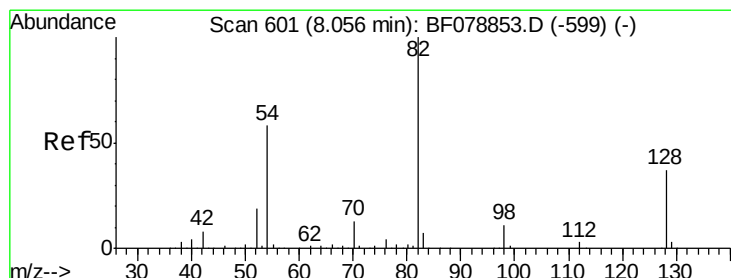
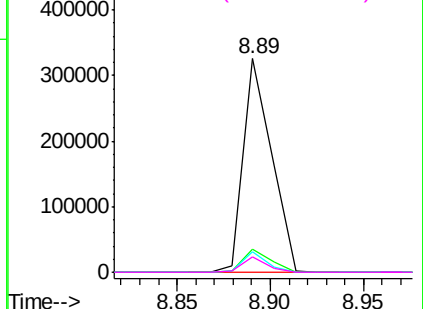
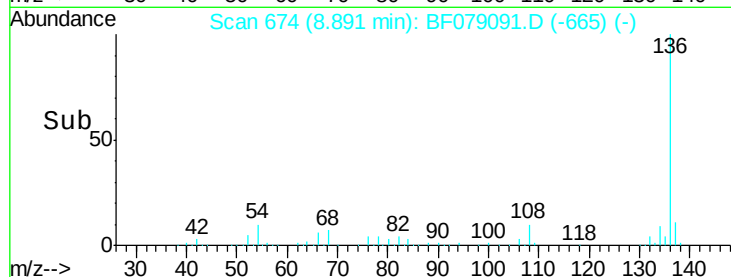
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.89 min Scan# 674
Delta R.T. 0.00 min
Lab File: BF079091.D
Acq: 9 May 2015 20:25

Instrument :
BNA_F
ClientSampleId :
B5-0-2

Tot Ion:136	Resp:	343627
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.7 13.1
54	9.9	5.8 8.8#
68	7.1	4.2 6.4#

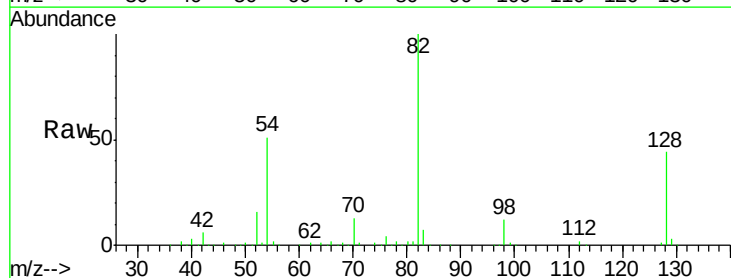


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

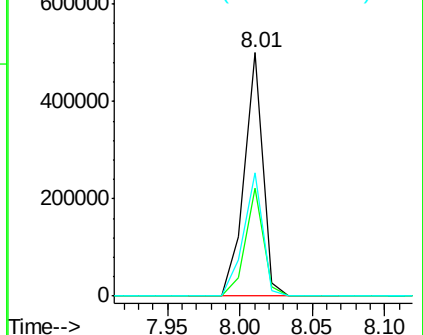
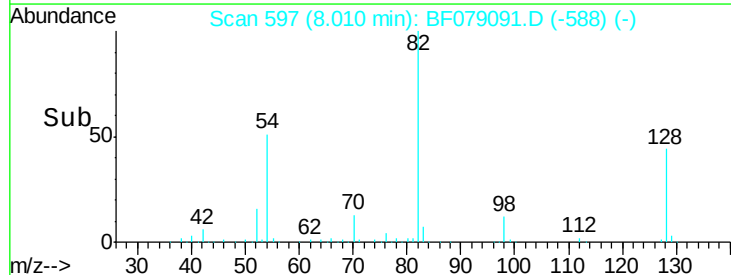


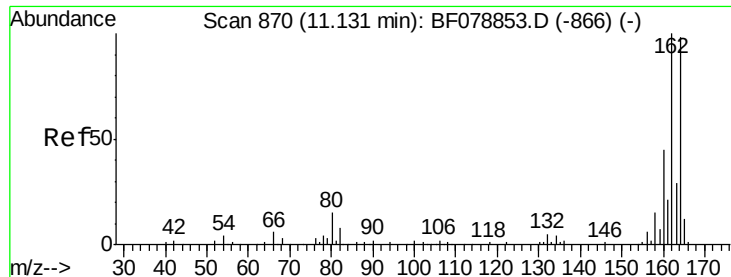
#23
Nitrobenzene-d5
Concen: 74.96 ng
RT: 8.01 min Scan# 597
Delta R.T. 0.00 min
Lab File: BF079091.D
Acq: 9 May 2015 20:25

Tgt Ion: 82	Resp:	448185
Ion Ratio	Lower	Upper
82	100	
128	44.2	30.0 45.0
54	50.9	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: BF079091.D

Acq: 9 May 2015 20:25

Instrument :

BNA_F

ClientSampleId :

B5-0-2

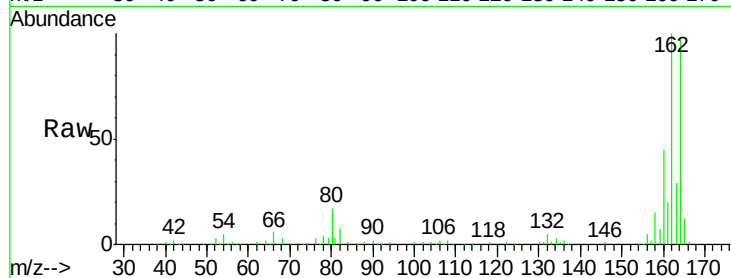
Tot Ion:164 Resp: 174018

Ion Ratio Lower Upper

164 100

162 102.7 82.7 124.1

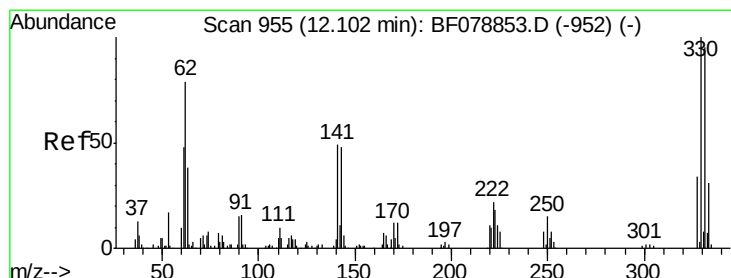
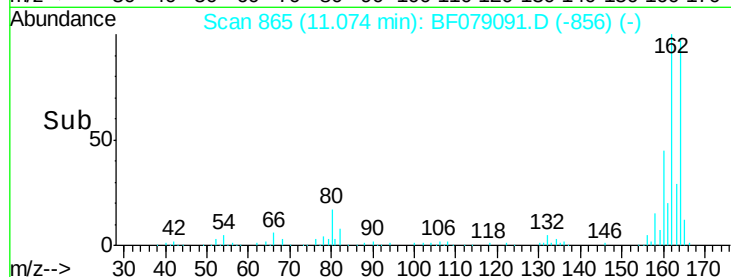
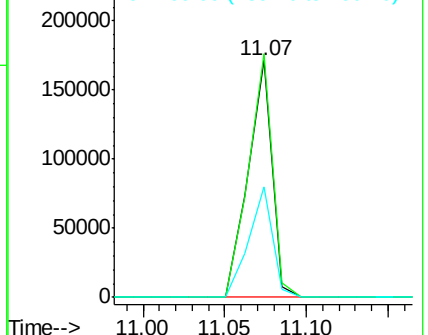
160 46.4 35.8 53.8



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: 112.31 ng

RT: 12.06 min Scan# 951

Delta R.T. 0.00 min

Lab File: BF079091.D

Acq: 9 May 2015 20:25

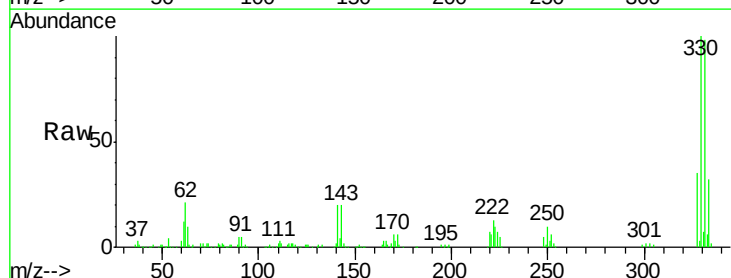
Tgt Ion:330 Resp: 211438

Ion Ratio Lower Upper

330 100

332 96.4 0.0 0.0#

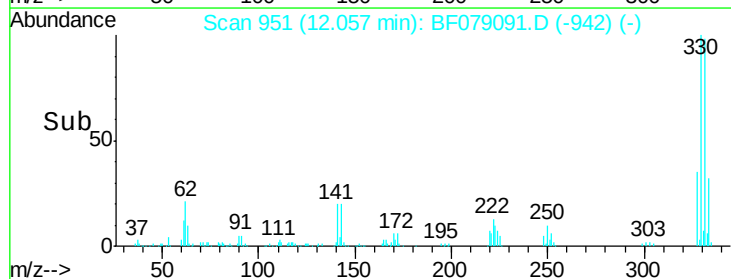
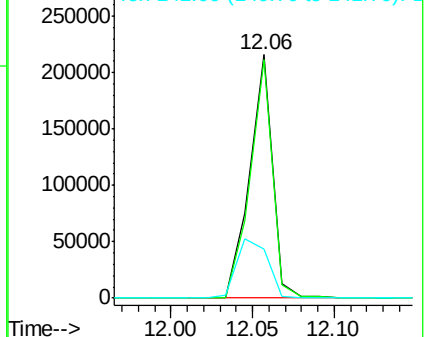
141 32.5 0.0 0.0#

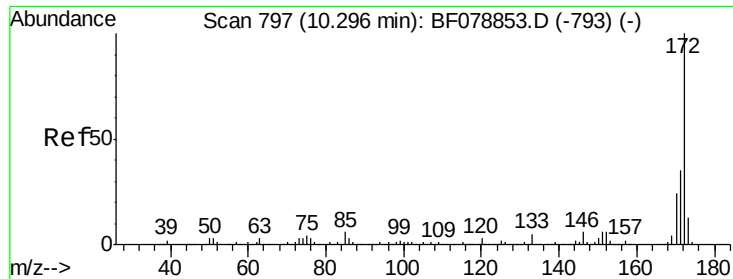


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

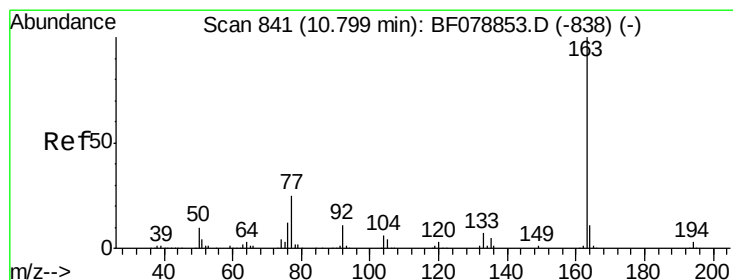
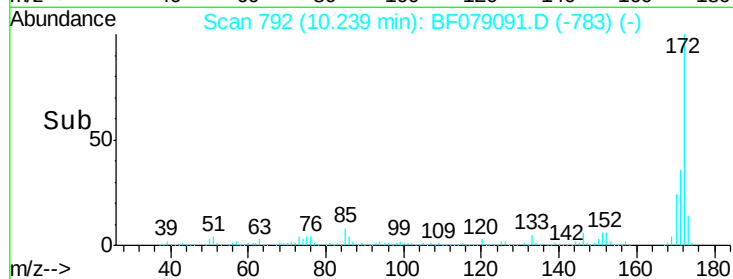
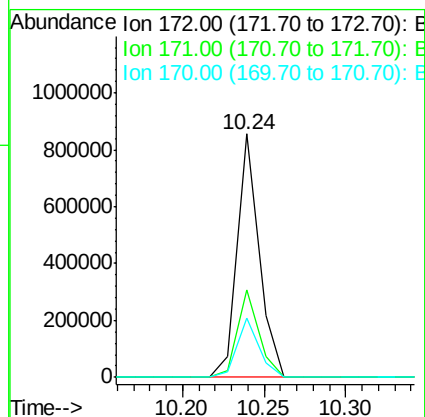
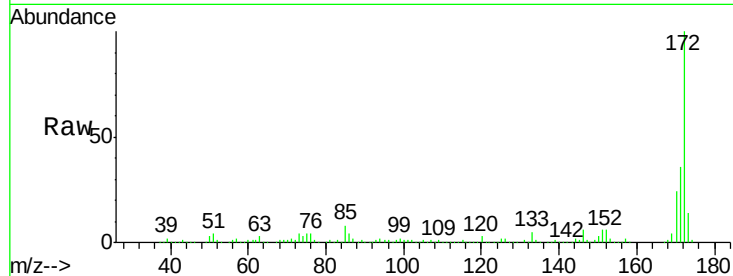




#44
2-Fluorobiphenyl
Concen: 63.25 ng
RT: 10.24 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF079091.D
Acq: 9 May 2015 20:25

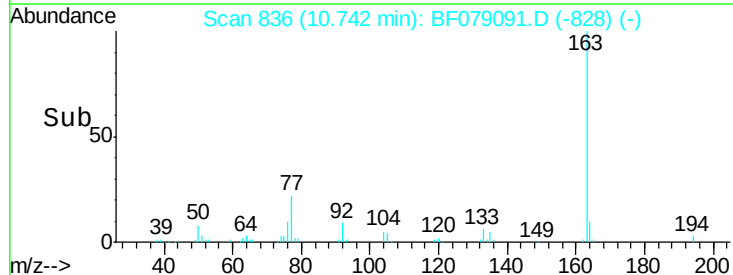
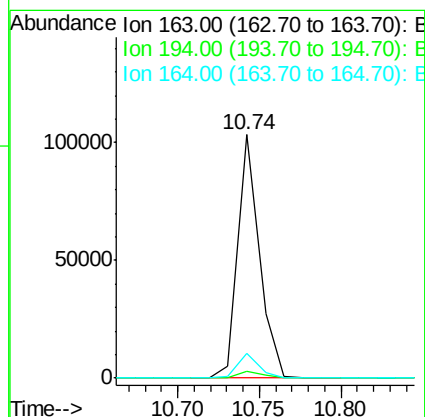
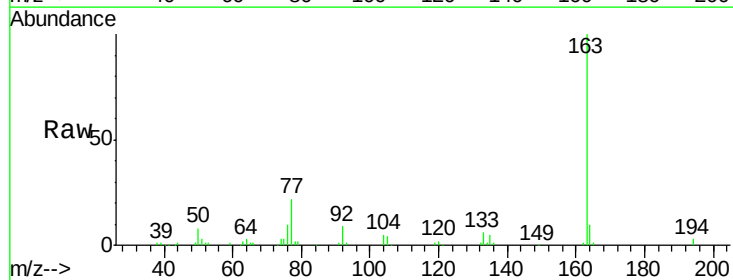
Instrument :
BNA_F
ClientSampled :
B5-0-2

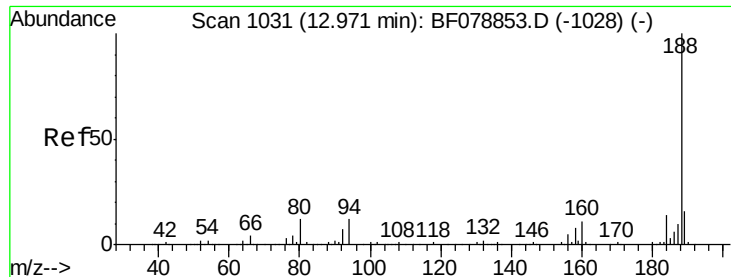
Tot Ion:172 Resp: 789973
Ion Ratio Lower Upper
172 100
171 35.7 27.9 41.9
170 24.3 19.4 29.0



#49
Dimethylphthalate
Concen: 7.36 ng
RT: 10.74 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF079091.D
Acq: 9 May 2015 20:25

Tgt Ion:163 Resp: 93981
Ion Ratio Lower Upper
163 100
194 2.9 2.6 4.0
164 10.1 8.1 12.1

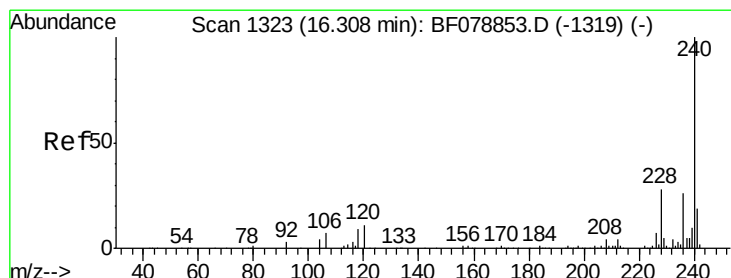
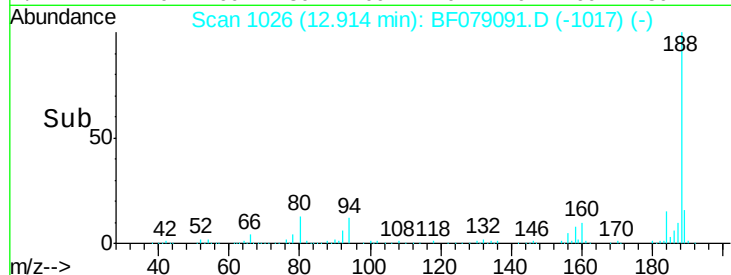
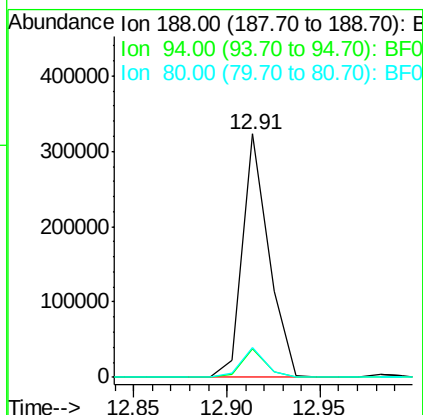
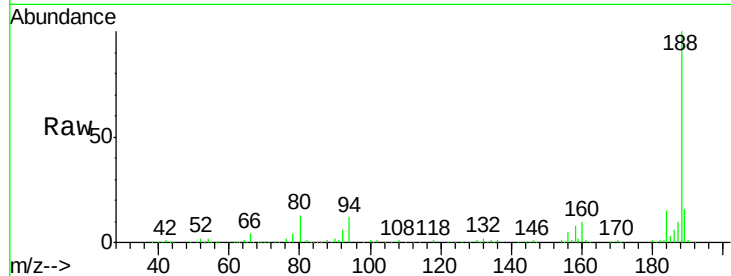




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.91 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF079091.D
Acq: 9 May 2015 20:25

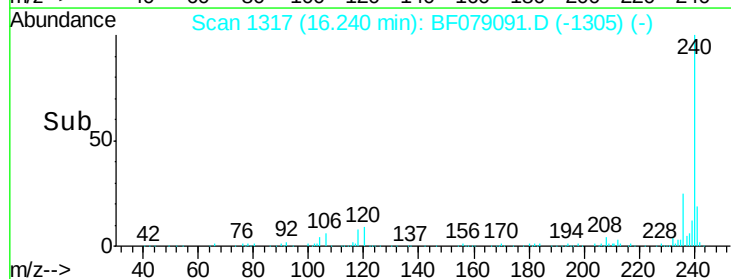
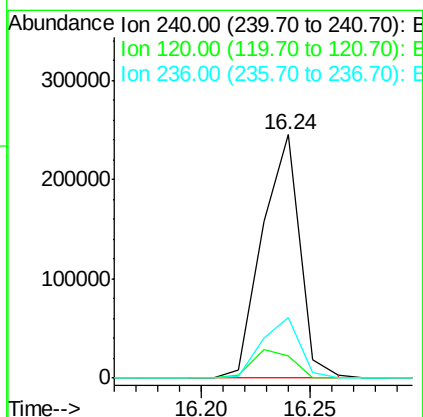
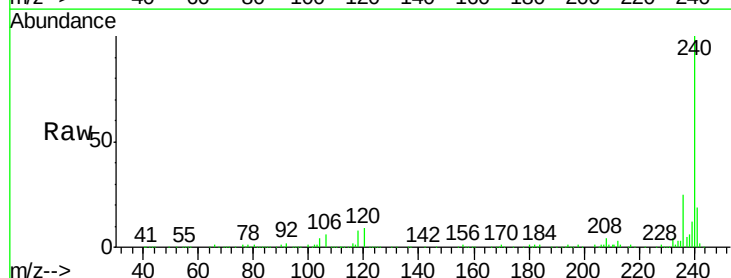
Instrument :
BNA_F
ClientSampleId :
B5-0-2

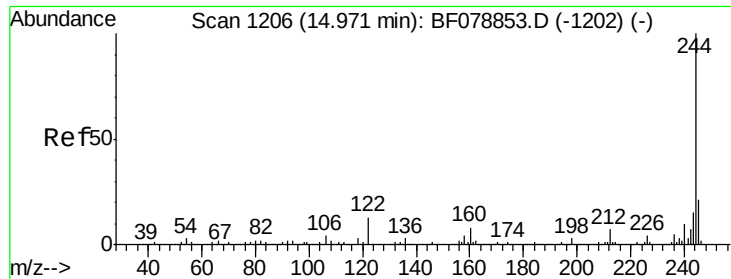
Tot Ion:188 Resp: 317800
Ion Ratio Lower Upper
188 100
94 11.7 8.2 12.2
80 12.5 8.9 13.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.24 min Scan# 1317
Delta R.T. 0.03 min
Lab File: BF079091.D
Acq: 9 May 2015 20:25

Tgt Ion:240 Resp: 295714
Ion Ratio Lower Upper
240 100
120 9.3 9.7 14.5#
236 25.0 20.2 30.4

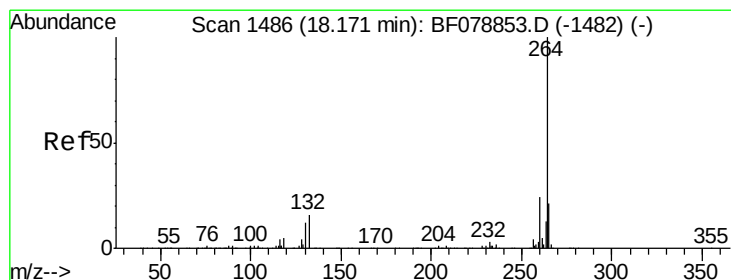
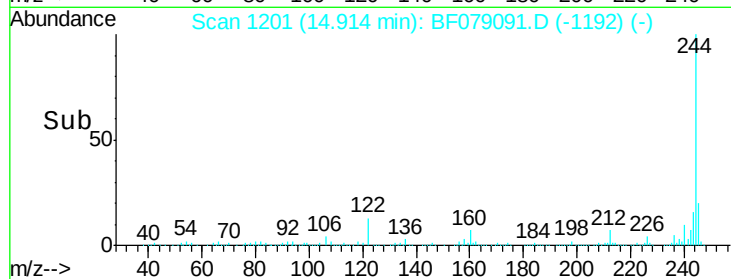
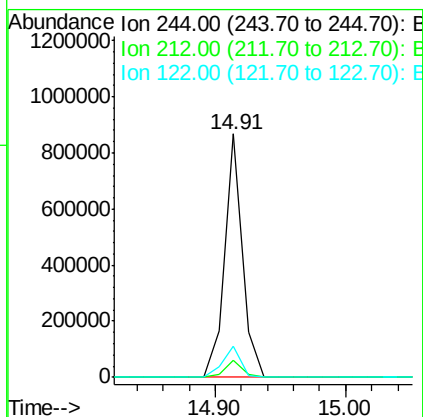
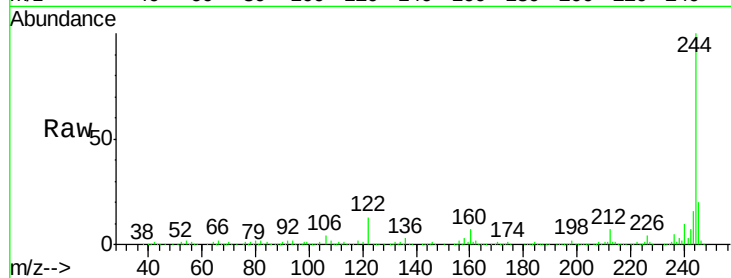




#78
 Terphenyl-d14
 Concen: 66.65 ng
 RT: 14.91 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF079091.D
 Acq: 9 May 2015 20:25

Instrument :
 BNA_F
 ClientSampleID :
 B5-0-2

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	12.6	10.3	15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.08 min Scan# 1478
 Delta R.T. 0.16 min
 Lab File: BF079091.D
 Acq: 9 May 2015 20:25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	21.9	18.3	27.5

