

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 02:08:39 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

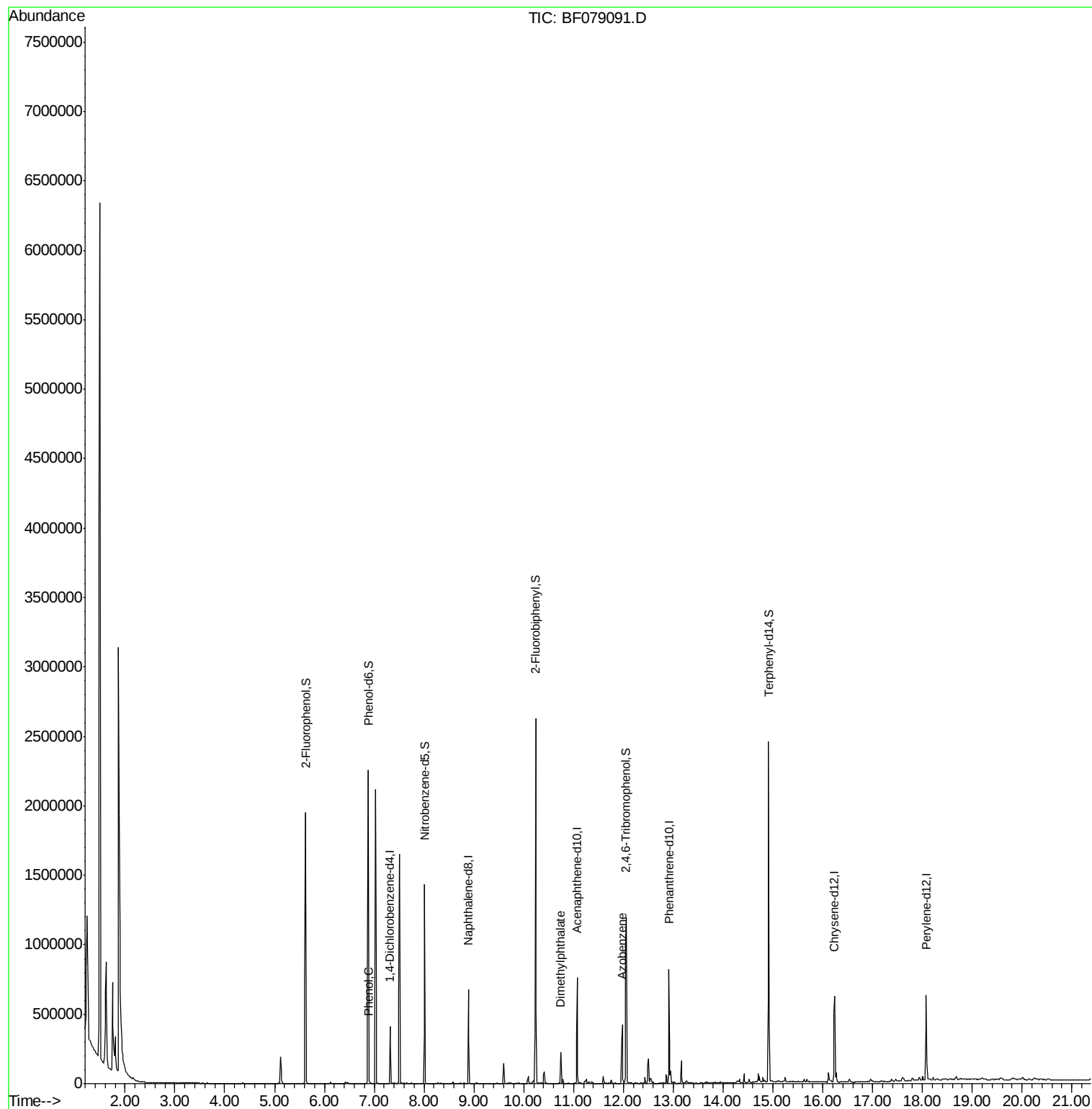
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.31	152	81143	20.00	ng	-0.01
21) Naphthalene-d8	8.89	136	343627	20.00	ng	0.00
38) Acenaphthene-d10	11.07	164	174018	20.00	ng	0.00
63) Phenanthrene-d10	12.91	188	317800	20.00	ng	0.00
75) Chrysene-d12	16.24	240	295714	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	Qvalue 88
49) Dimethylphthalate	10.74	163	93981	7.36	ng	100
62) Azobenzene	11.98	77	106212	8.52	ng	# 1

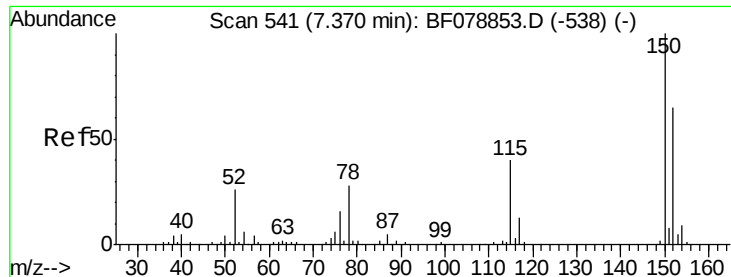
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
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QLast Update : Mon May 11 01:50:36 2015
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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

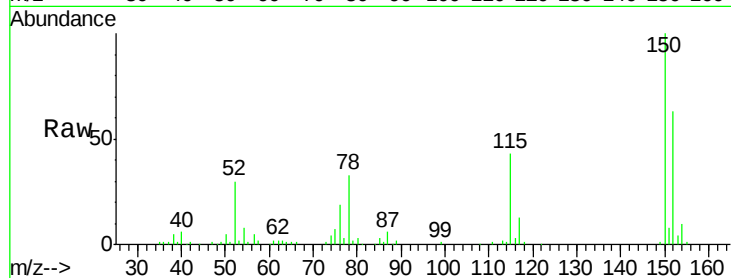
Tgt Ion:152 Resp: 81143

Ion Ratio Lower Upper

152 100

150 159.0 122.0 183.0

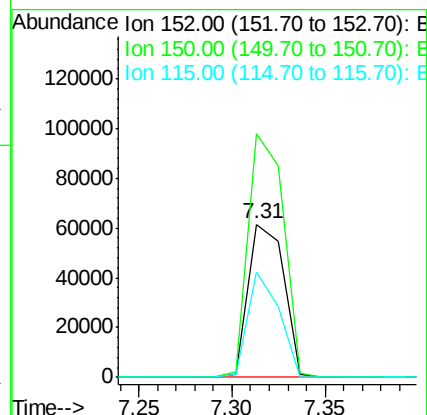
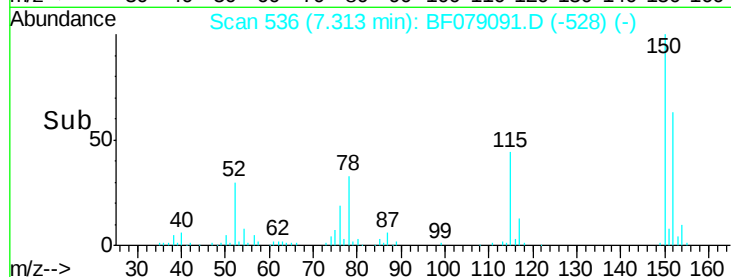
115 69.1 46.3 69.5



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

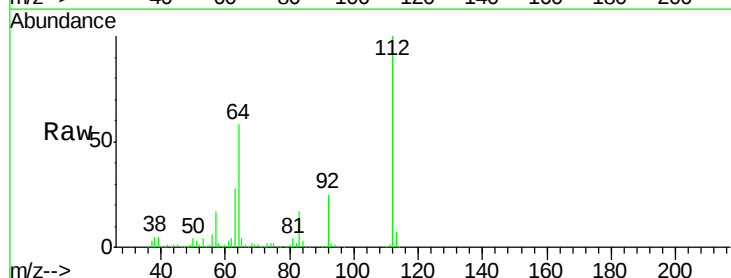
Tgt Ion:112 Resp: 588036

Ion Ratio Lower Upper

112 100

64 57.8 53.5 80.3

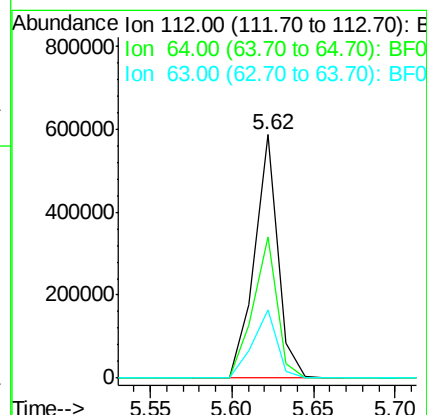
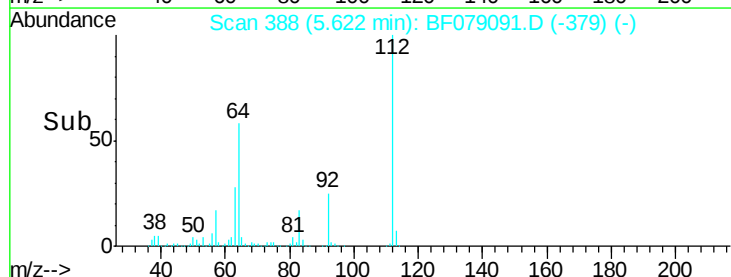
63 28.2 27.5 41.3

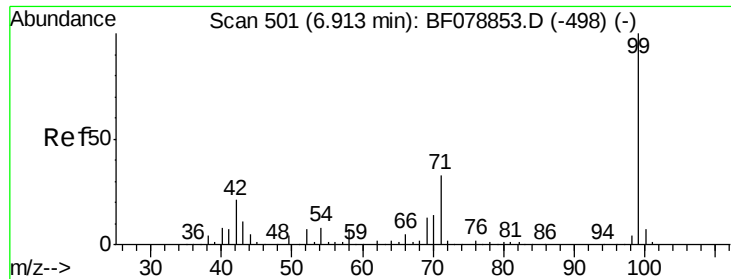


Abundance Ion 112.00 (111.70 to 112.70): E

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

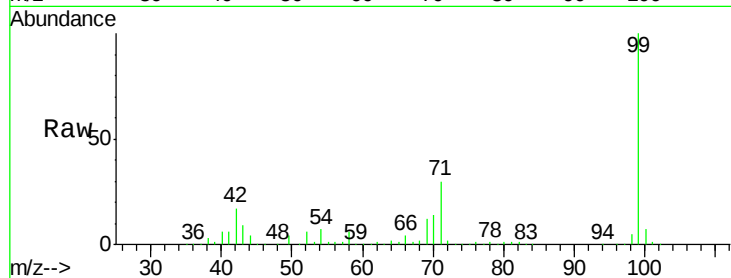
Tgt Ion: 99 Resp: 783149

Ion Ratio Lower Upper

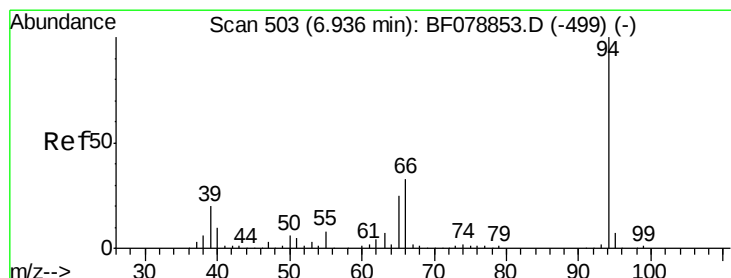
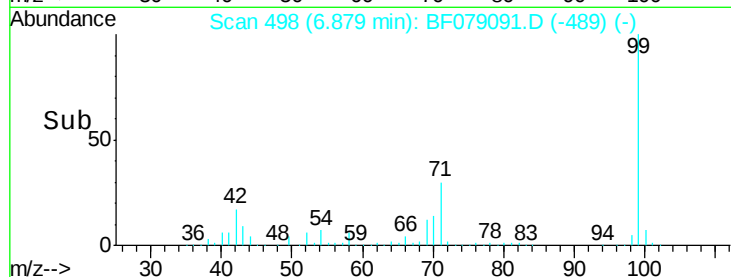
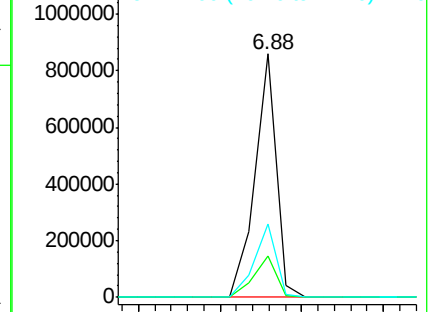
99 100

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

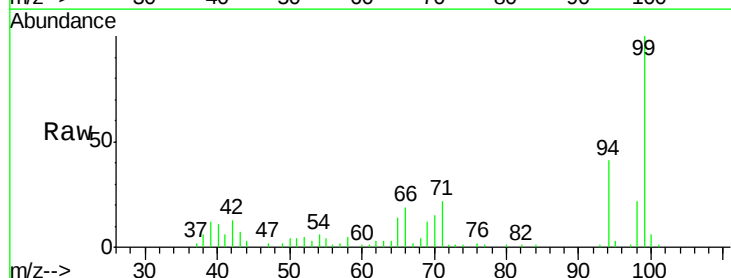
Tgt Ion: 94 Resp: 15298

Ion Ratio Lower Upper

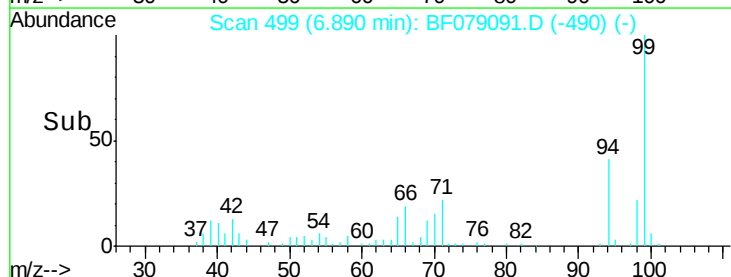
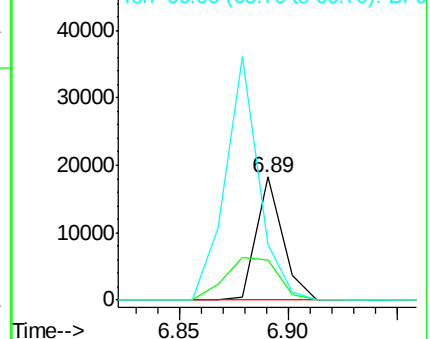
94 100

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

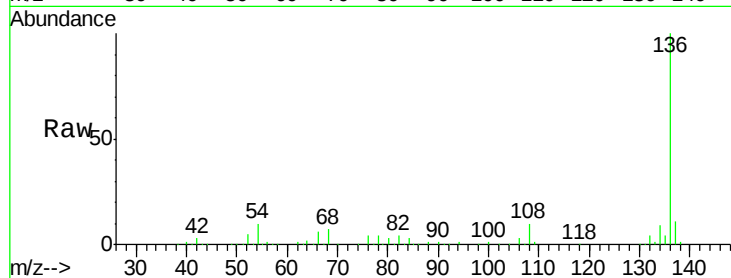




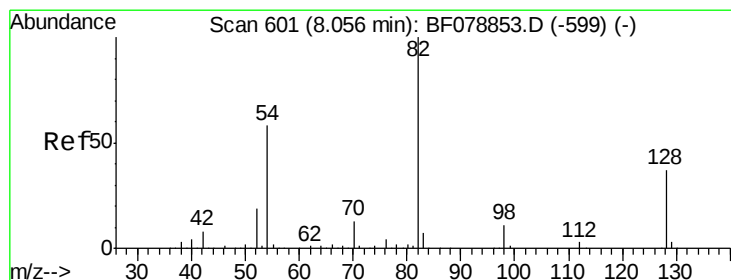
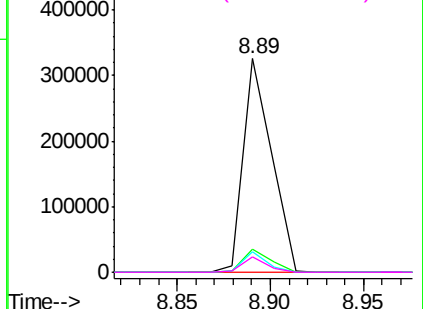
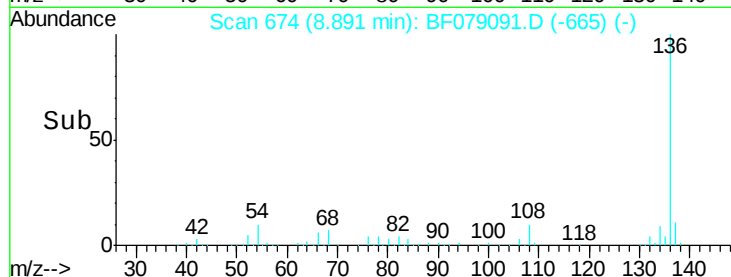
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.89 min Scan# 674
Delta R.T. 0.00 min
Lab File: BF079091.D
Acq: 9 May 2015 20:25

Instrument :
BNA_F
ClientSampleId :
B5-0-2

Tgt 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#

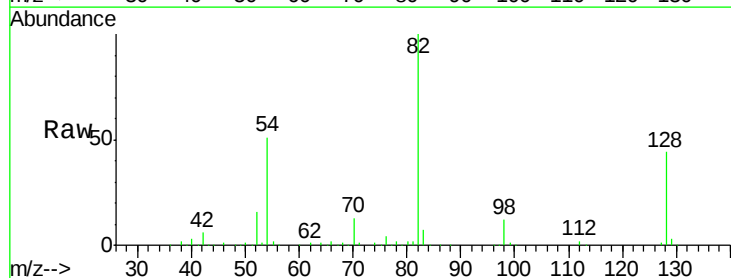


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

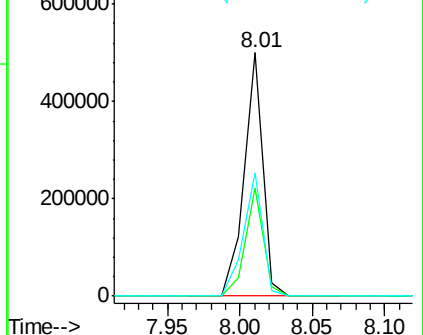
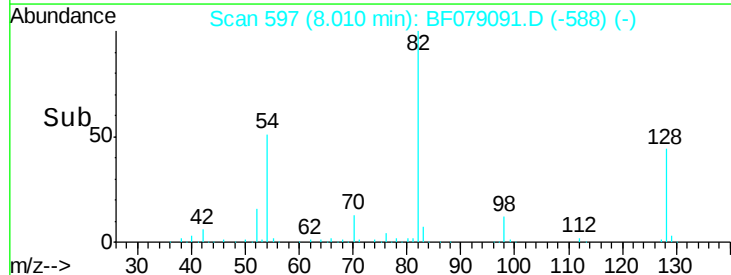


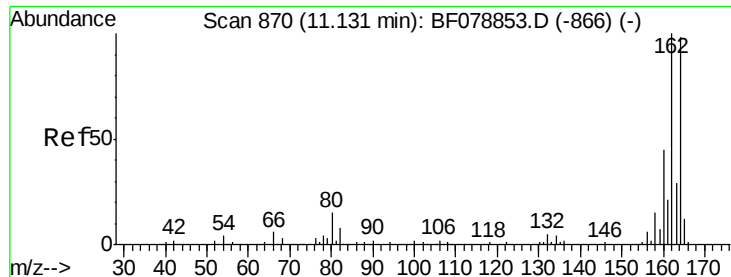
#23
Nitrobenzene-d5
Concen: 74.96 ng
RT: 8.01 min Scan# 597
Delta R.T. 0.00 min
Lab File: BF079091.D
Acq: 9 May 2015 20:25

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

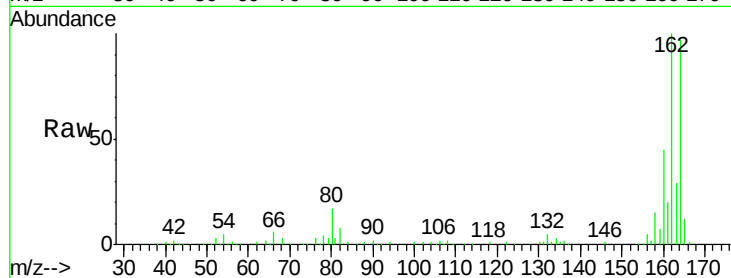
Tgt Ion:164 Resp: 174018

Ion Ratio Lower Upper

164 100

162 102.7 82.7 124.1

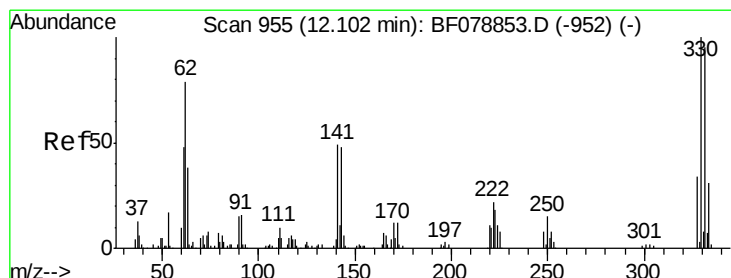
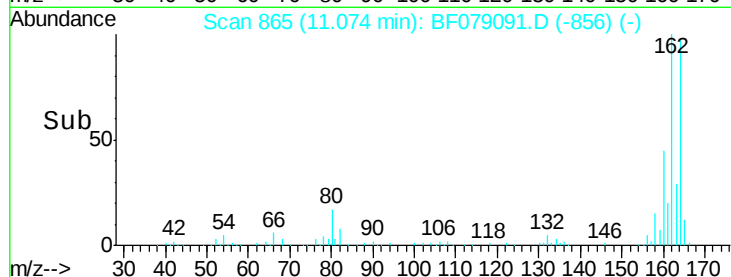
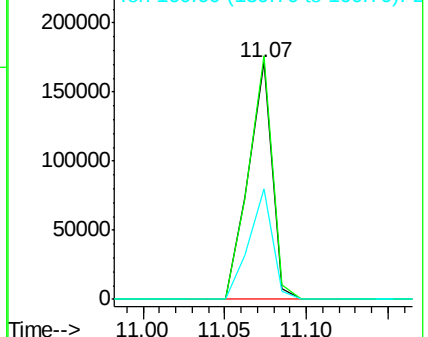
160 46.4 35.8 53.8



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

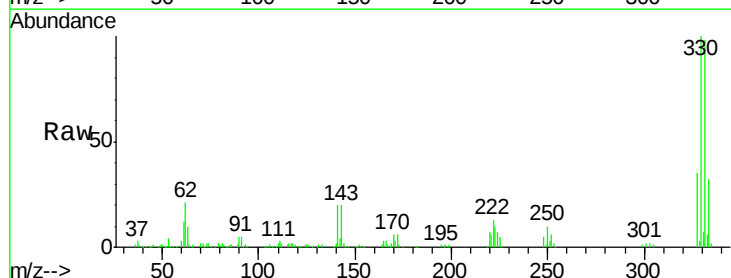
Tgt Ion:330 Resp: 211438

Ion Ratio Lower Upper

330 100

332 96.4 0.0 0.0#

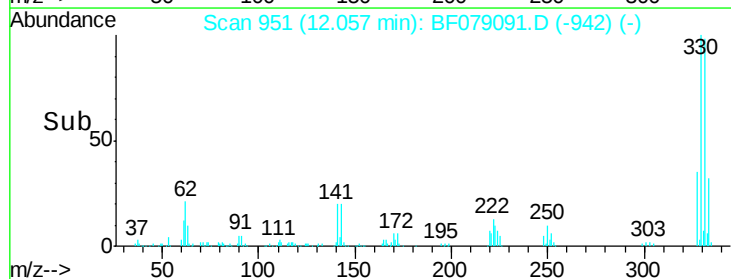
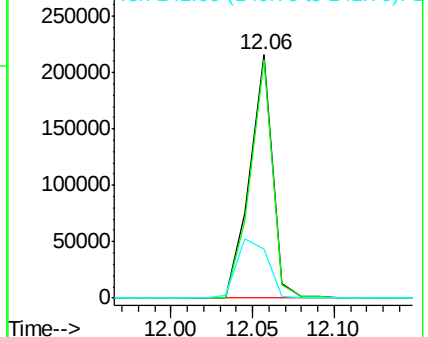
141 32.5 0.0 0.0#



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

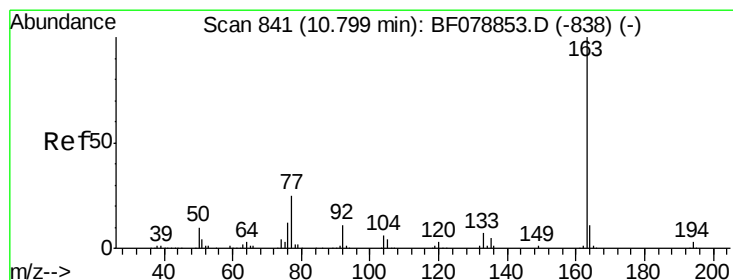
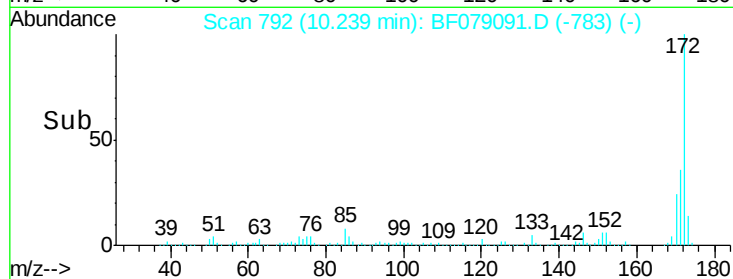
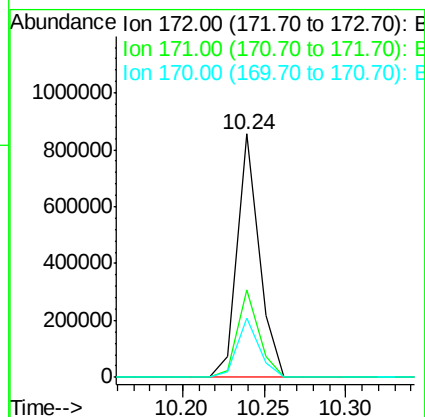
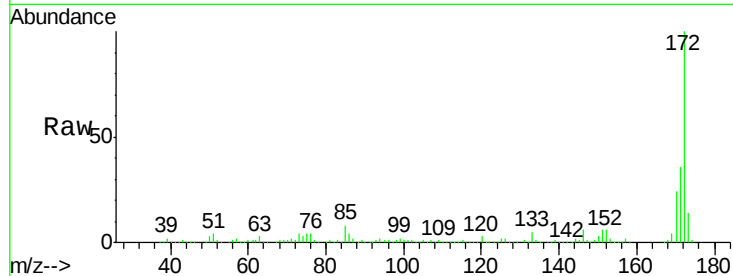




#44
 2-Fluorobiphenyl
 Concen: 63.25 ng
 RT: 10.24 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF079091.D
 Acq: 9 May 2015 20:25

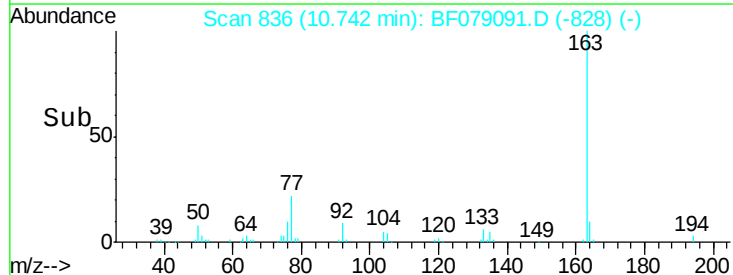
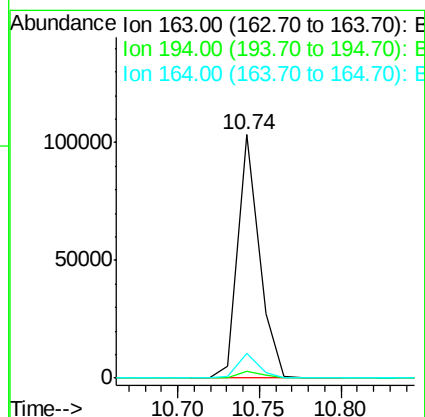
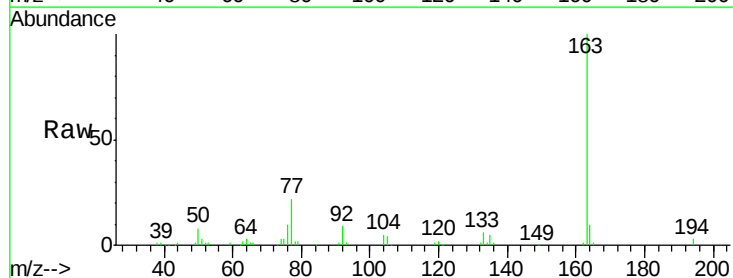
Instrument :
 BNA_F
 ClientSampled :
 B5-0-2

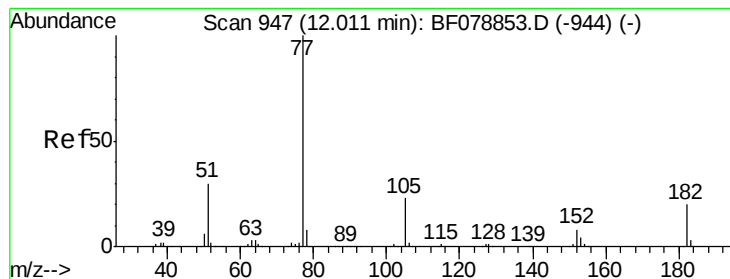
Tgt Ion:172 Resp: 789973
 Ion Ratio Lower Upper
 172 100
 171 35.7 27.9 41.9
 170 24.3 19.4 29.0



#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





#62

Azobenzene

Concen: 8.52 ng

RT: 11.98 min Scan# 944

Delta R.T. 0.02 min

Lab File: BF079091.D

Acq: 9 May 2015 20:25

Instrument :

BNA_F

ClientSampleId :

B5-0-2

Tgt Ion: 77 Resp: 106212

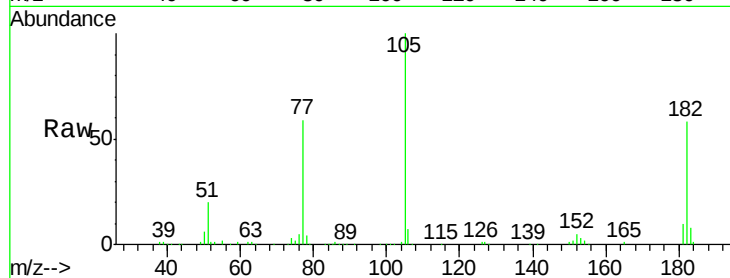
Ion Ratio Lower Upper

77 100

182 99.0 3.8 43.8#

105 170.6 3.9 43.9#

51 33.7 10.8 50.8

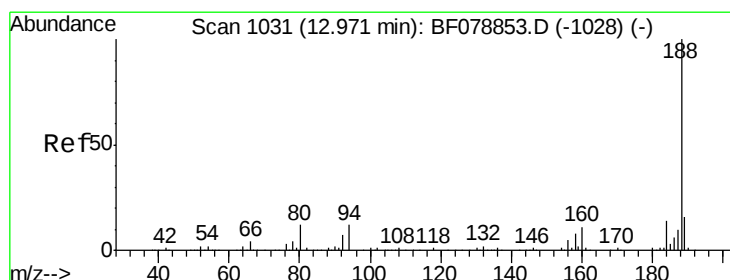
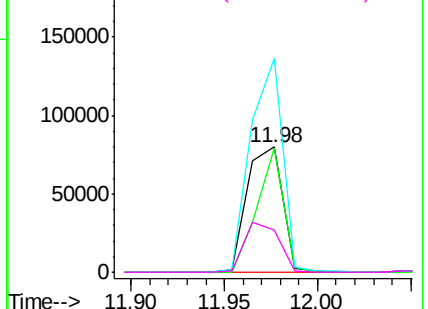
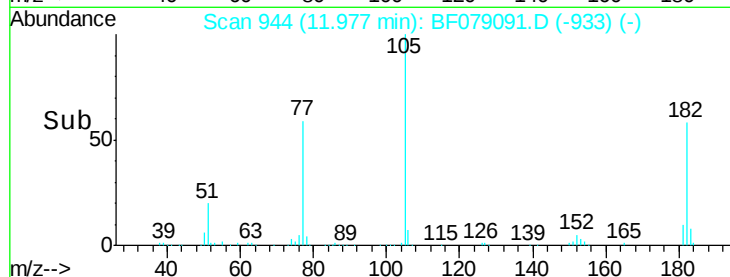


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: BF079091.D

Acq: 9 May 2015 20:25

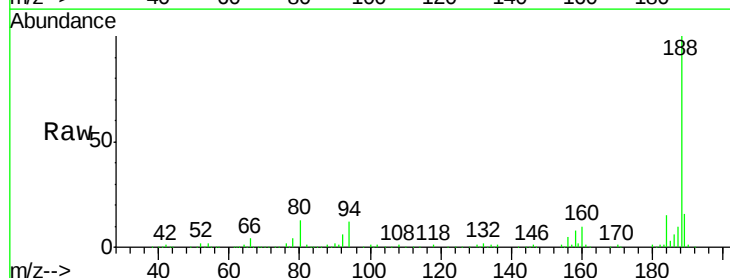
Tgt Ion: 188 Resp: 317800

Ion Ratio Lower Upper

188 100

94 11.7 8.2 12.2

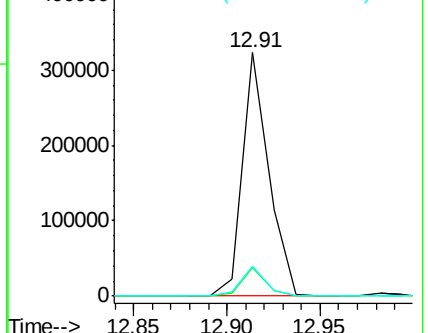
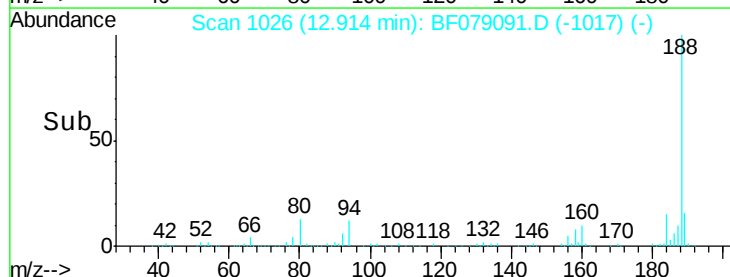
80 12.5 8.9 13.3

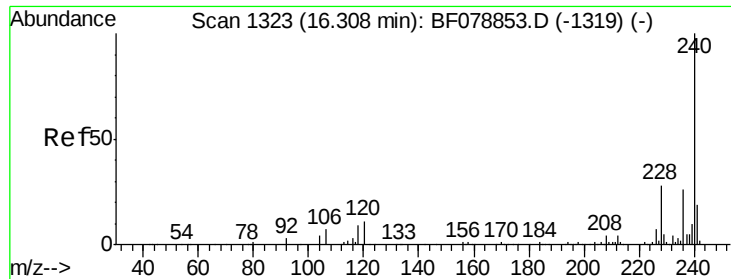


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

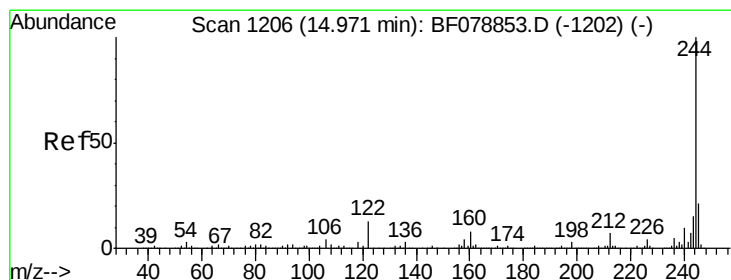
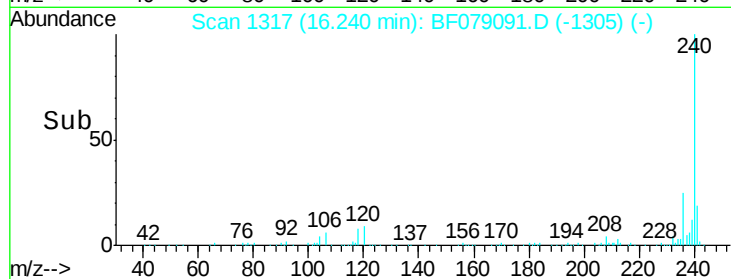
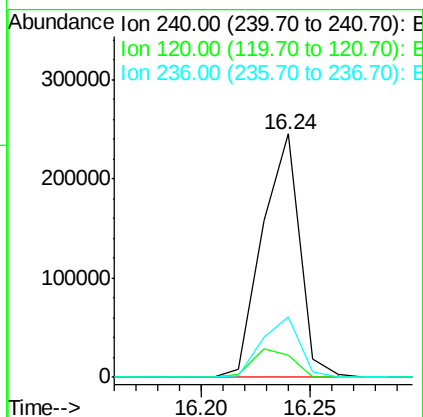
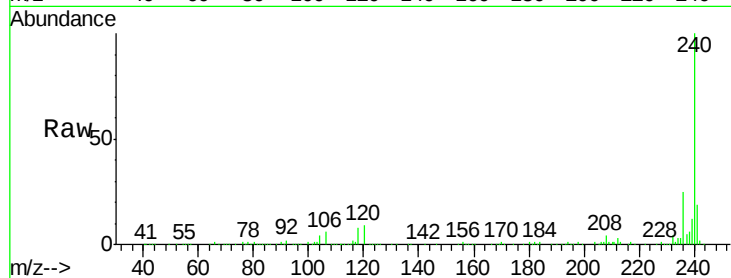




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.24 min Scan# 1317
 Delta R.T. 0.03 min
 Lab File: BF079091.D
 Acq: 9 May 2015 20:25

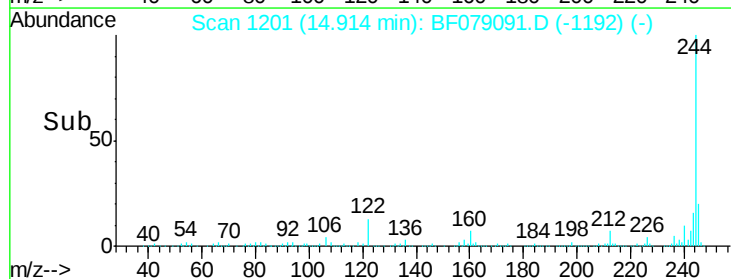
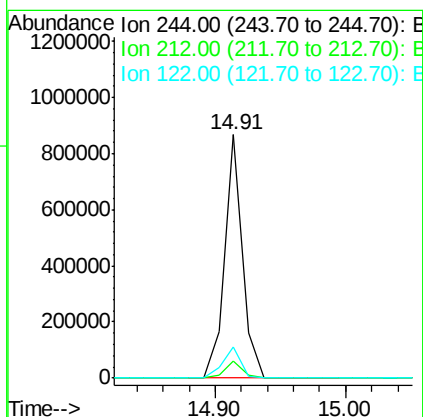
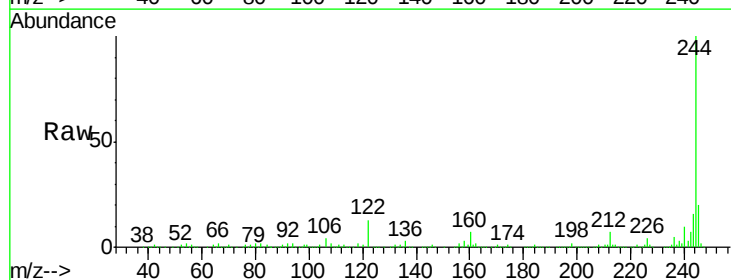
Instrument :
 BNA_F
 ClientSampleId :
 B5-0-2

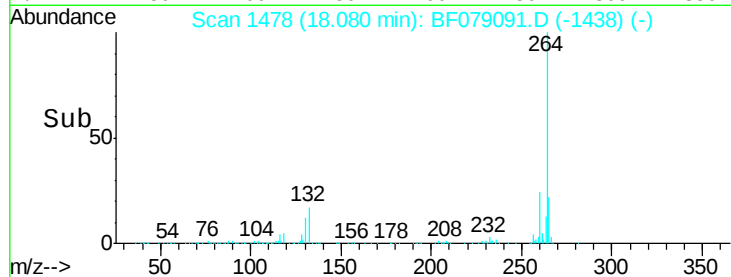
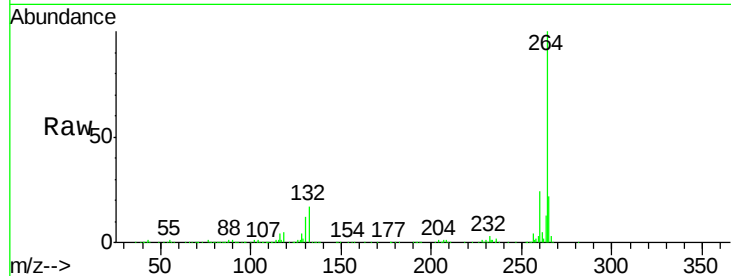
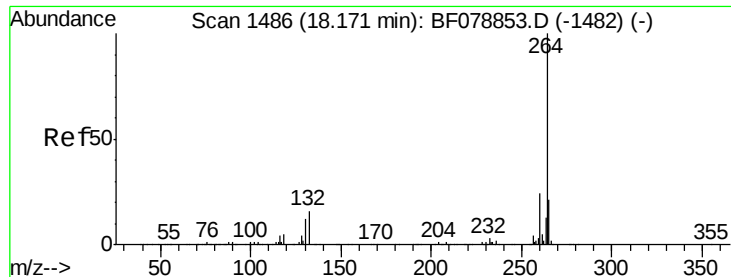
Tgt Ion: 240 Resp: 295714
 Ion Ratio Lower Upper
 240 100
 120 9.3 9.7 14.5#
 236 25.0 20.2 30.4



#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

Tgt Ion: 244 Resp: 823186
 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

Instrument :

BNA_F

ClientSampleId :

B5-0-2

Tgt Ion:264 Resp: 299094

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.2

265 21.9 18.3 27.5

