

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050715\
 Data File : BF078992.D
 Acq On : 7 May 2015 13:27
 Operator : TP/IZ
 Sample : G2144-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CF-NATWCS-08

Quant Time: May 08 01:04:13 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 08 00:46:40 2015
 Response via : Initial Calibration

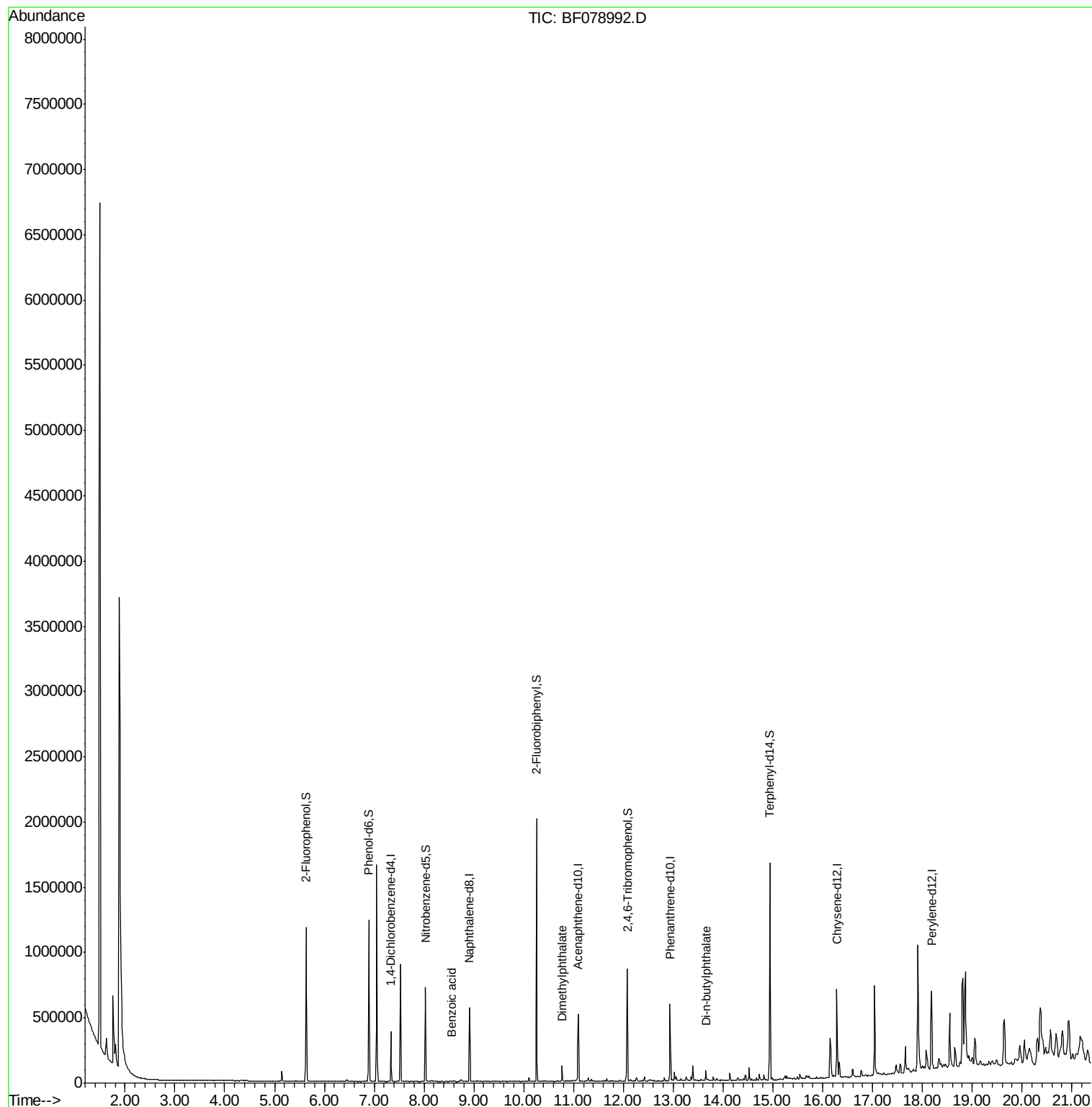
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.34	152	60082	20.00	ng	0.00
21) Naphthalene-d8	8.91	136	251343	20.00	ng	0.00
38) Acenaphthene-d10	11.10	164	119293	20.00	ng	0.00
63) Phenanthrene-d10	12.94	188	235397	20.00	ng	0.00
75) Chrysene-d12	16.29	240	257797	20.00	ng	0.01
86) Perylene-d12	18.18	264	272537	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	408959	117.17	ng	0.00
7) Phenol-d6	6.89	99	533137	115.56	ng	0.00
23) Nitrobenzene-d5	8.03	82	309611	70.80	ng	0.00
41) 2,4,6-Tribromophenol	12.08	330	157207	121.82	ng	0.00
44) 2-Fluorobiphenyl	10.26	172	607520	70.95	ng	0.00
78) Terphenyl-d14	14.94	244	661306	61.42	ng	0.00
Target Compounds						
32) Benzoic acid	8.56	122	304	6.43	ng	# 82
49) Dimethylphthalate	10.76	163	46559	5.32	ng	98
73) Di-n-butylphthalate	13.66	149	54066	3.66	ng	# 97

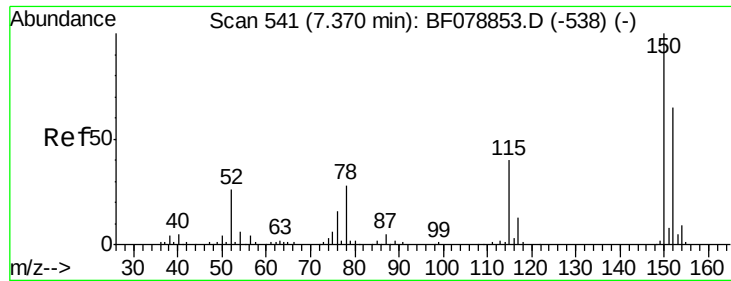
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.34 min Scan# 538

Delta R.T. -0.00 min

Lab File: BF078992.D

Acq: 7 May 2015 13:27

Instrument :

BNA_F

ClientSampleId :

CF-NATWCS-08

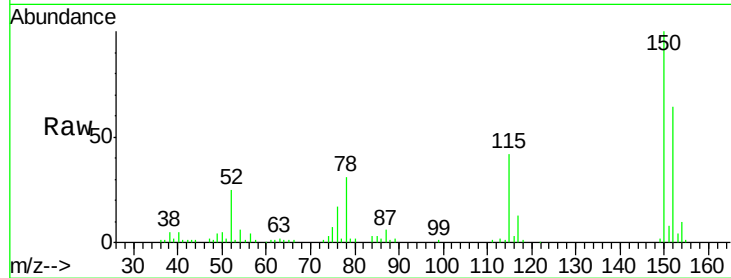
Tgt Ion:152 Resp: 60082

Ion Ratio Lower Upper

152 100

150 155.5 122.0 183.0

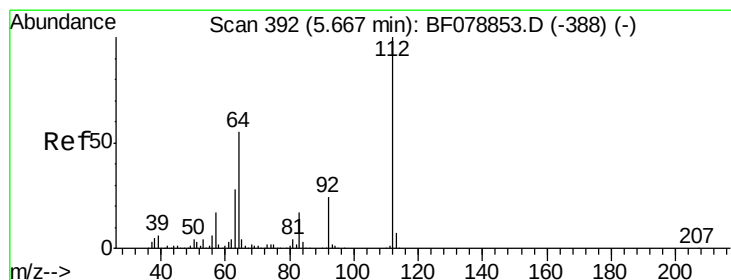
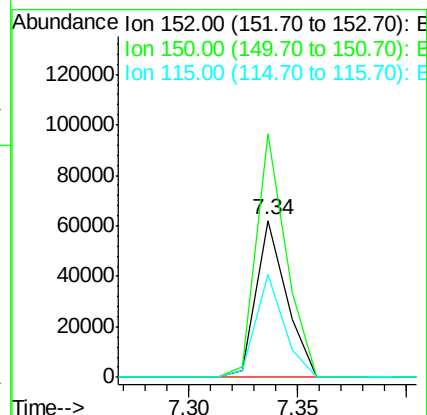
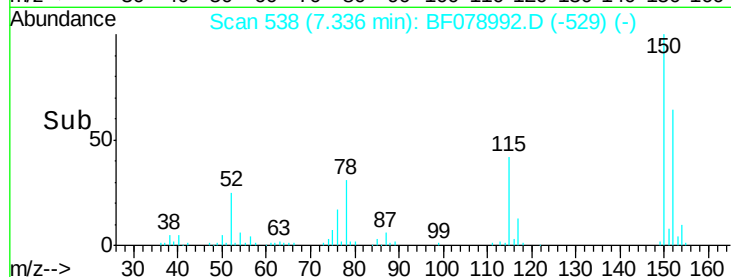
115 65.7 46.3 69.5



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: 117.17 ng

RT: 5.63 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF078992.D

Acq: 7 May 2015 13:27

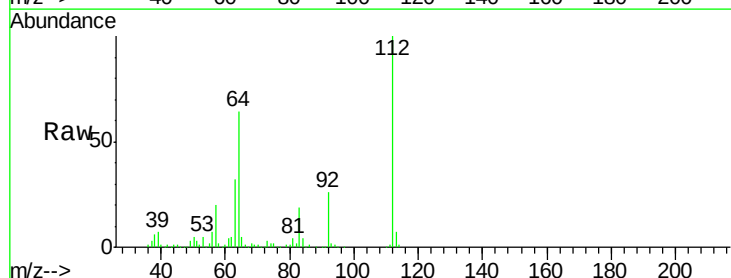
Tgt Ion:112 Resp: 408959

Ion Ratio Lower Upper

112 100

64 64.5 53.5 80.3

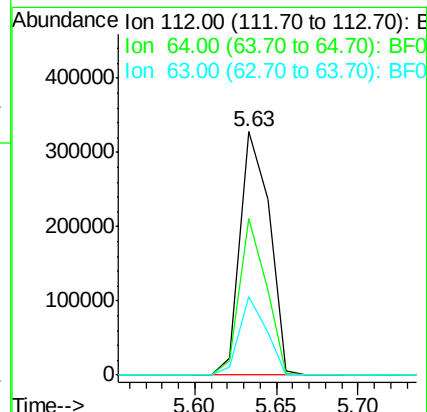
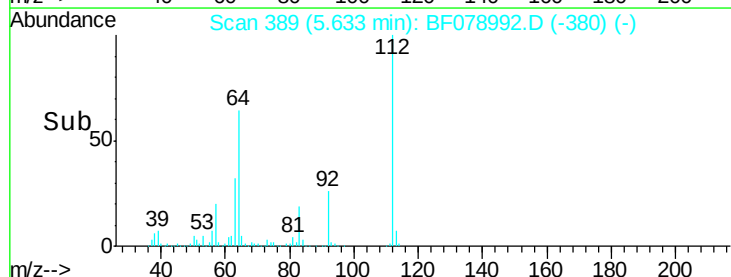
63 32.0 27.5 41.3

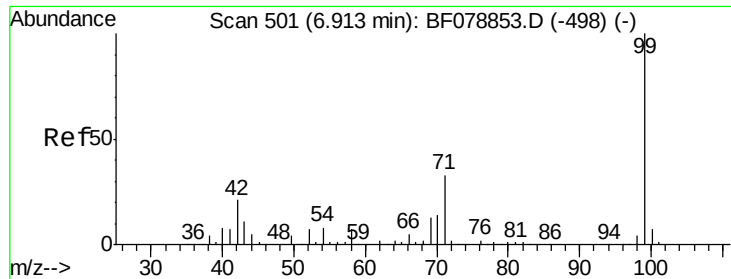


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 115.56 ng

RT: 6.89 min Scan# 499

Delta R.T. -0.00 min

Lab File: BF078992.D

Acq: 7 May 2015 13:27

Instrument :

BNA_F

ClientSampleId :

CF-NATWCS-08

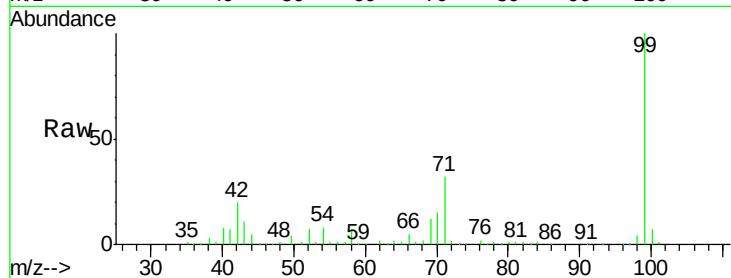
Tgt Ion: 99 Resp: 533137

Ion Ratio Lower Upper

99 100

42 20.2 12.8 19.2#

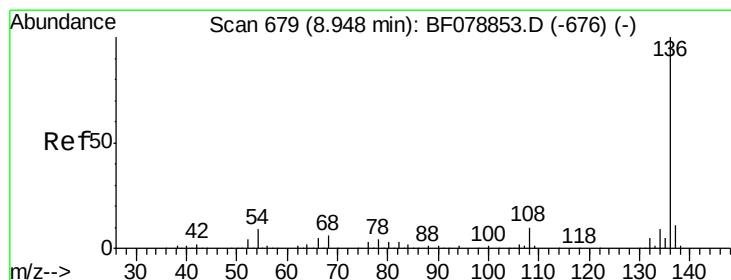
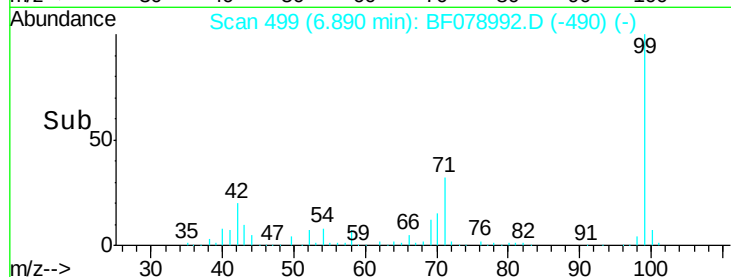
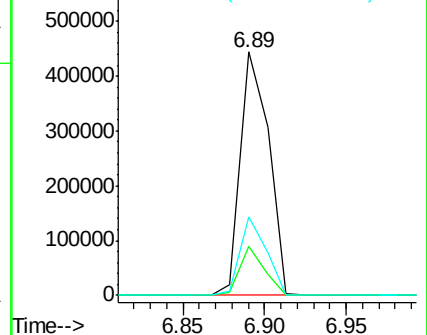
71 32.2 23.4 35.2



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: 8.91 min Scan# 676

Delta R.T. -0.00 min

Lab File: BF078992.D

Acq: 7 May 2015 13:27

Tgt Ion: 136 Resp: 251343

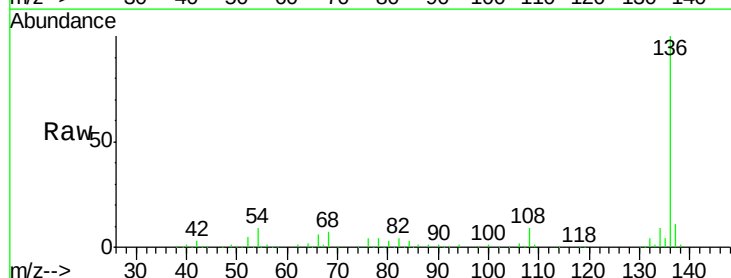
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 8.9 5.8 8.8#

68 6.7 4.2 6.4#

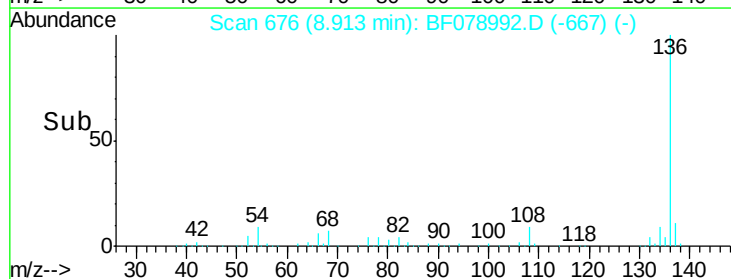
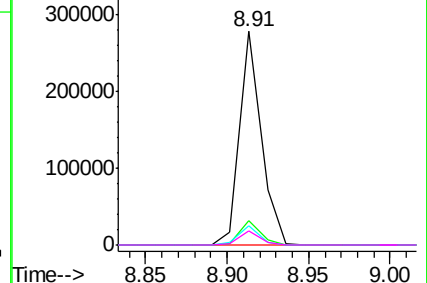


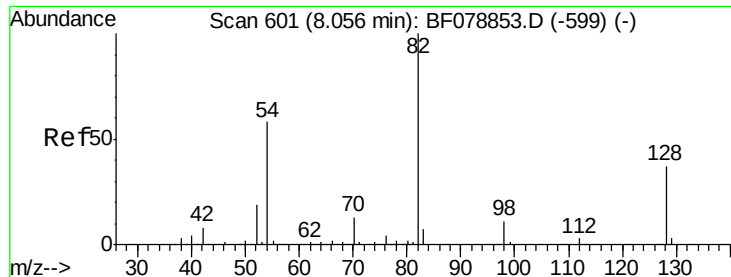
Abundance Ion 136.00 (135.70 to 136.70): E

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

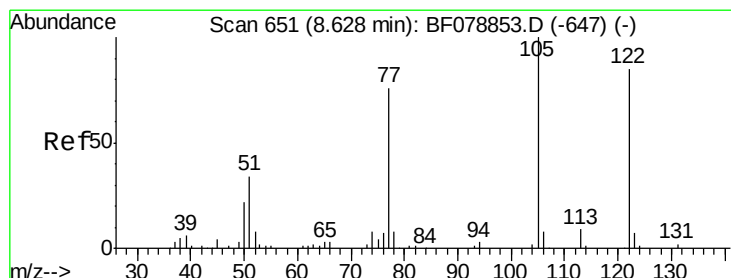
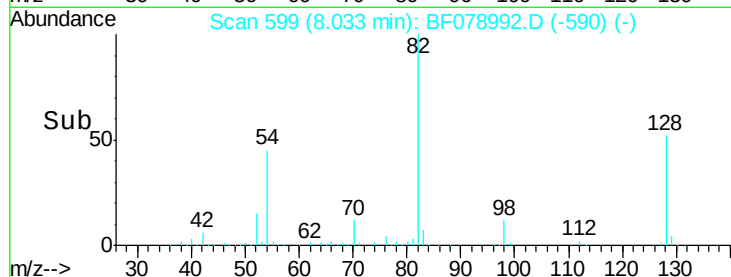
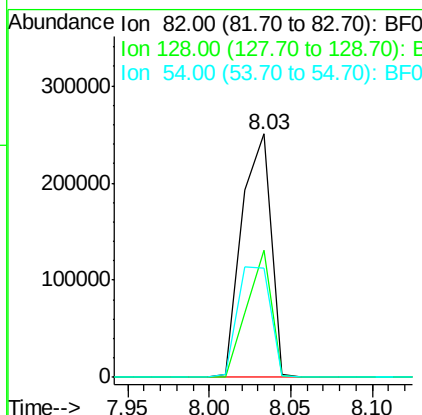
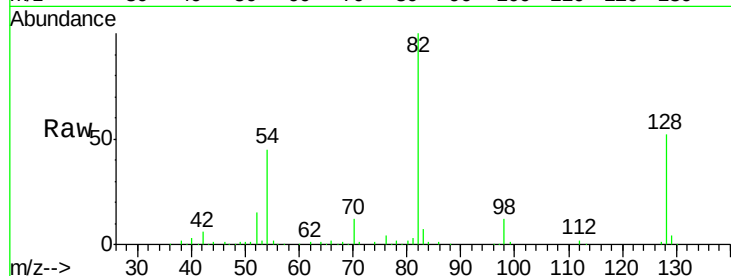




#23
Nitrobenzene-d5
Concen: 70.80 ng
RT: 8.03 min Scan# 599
Delta R.T. -0.00 min
Lab File: BF078992.D
Acq: 7 May 2015 13:27

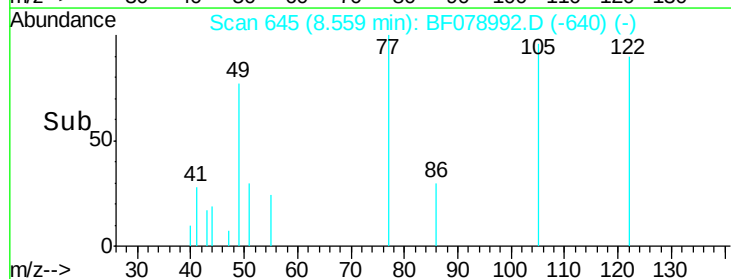
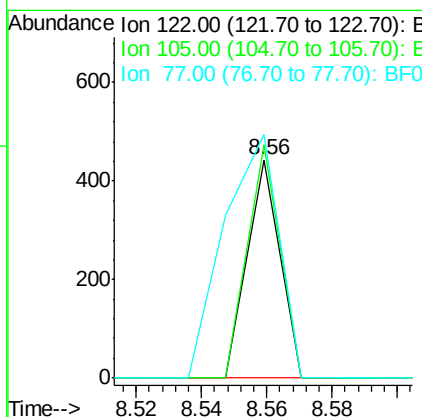
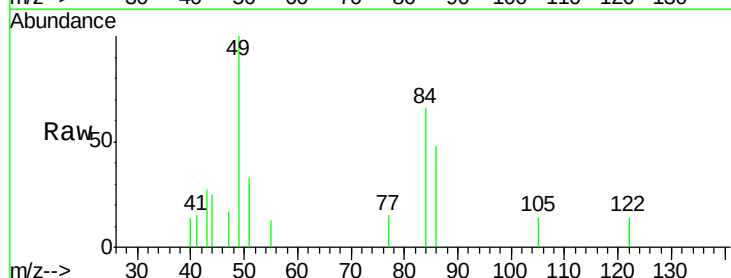
Instrument :
BNA_F
ClientSampleId :
CF-NATWCS-08

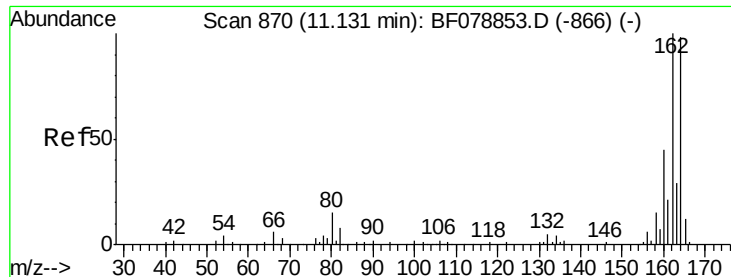
Tgt Ion: 82 Resp: 309611
Ion Ratio Lower Upper
82 100
128 52.3 30.0 45.0#
54 45.1 46.4 69.6#



#32
Benzoic acid
Concen: 6.43 ng
RT: 8.56 min Scan# 645
Delta R.T. -0.05 min
Lab File: BF078992.D
Acq: 7 May 2015 13:27

Tgt Ion: 122 Resp: 304
Ion Ratio Lower Upper
122 100
105 107.0 107.1 147.1#
77 111.5 73.9 113.9





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.10 min Scan# 867

Delta R.T. -0.00 min

Lab File: BF078992.D

Acq: 7 May 2015 13:27

Instrument :

BNA_F

ClientSampleId :

CF-NATWCS-08

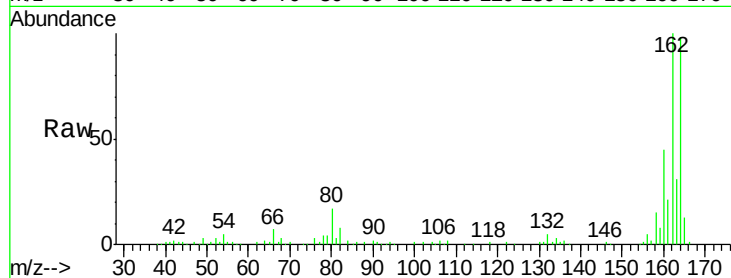
Tgt Ion:164 Resp: 119293

Ion Ratio Lower Upper

164 100

162 102.4 82.7 124.1

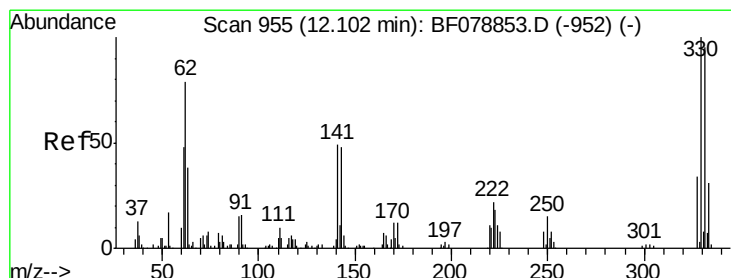
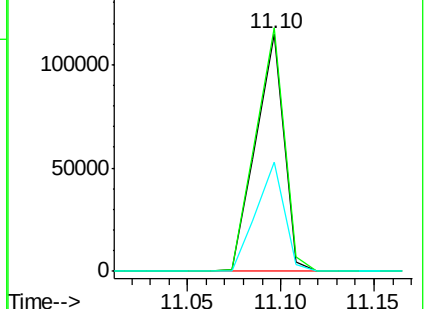
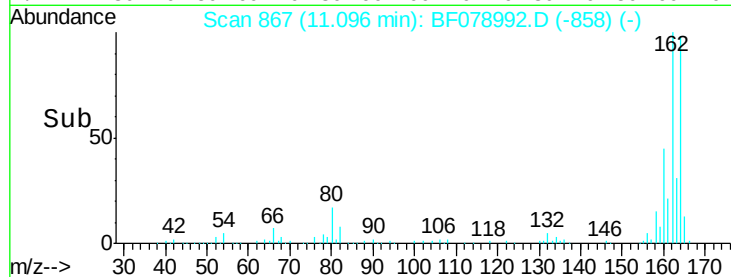
160 45.9 35.8 53.8



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: 121.82 ng

RT: 12.08 min Scan# 953

Delta R.T. -0.00 min

Lab File: BF078992.D

Acq: 7 May 2015 13:27

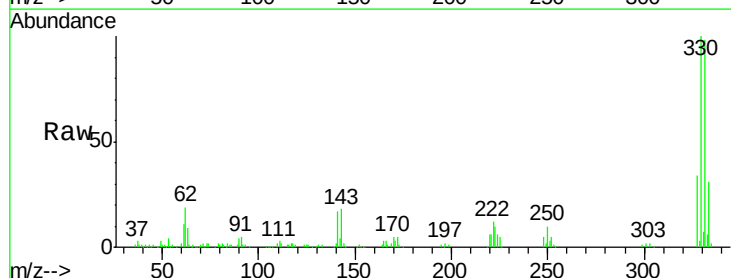
Tgt Ion:330 Resp: 157207

Ion Ratio Lower Upper

330 100

332 97.6 0.0 0.0#

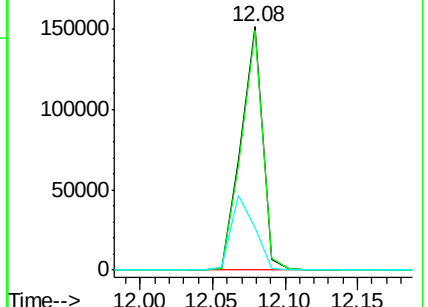
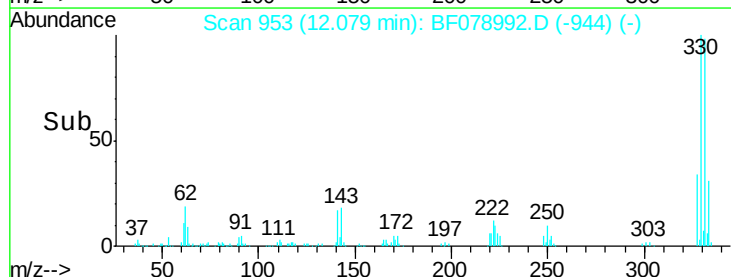
141 32.9 0.0 0.0#

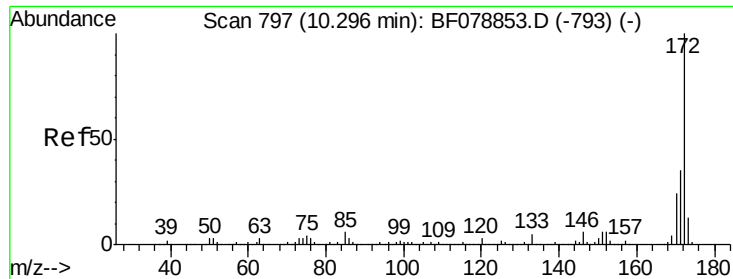


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

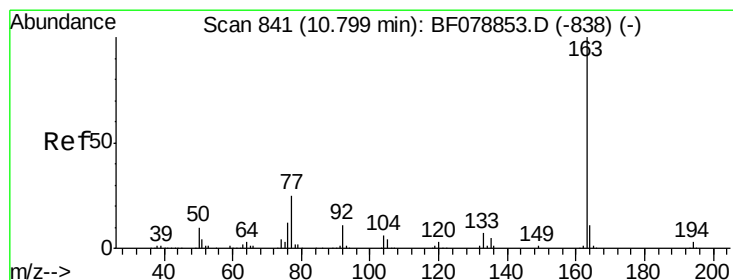
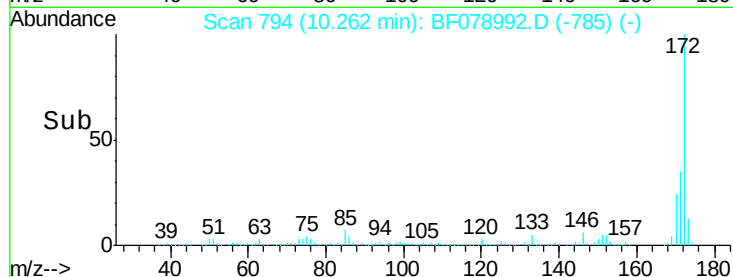
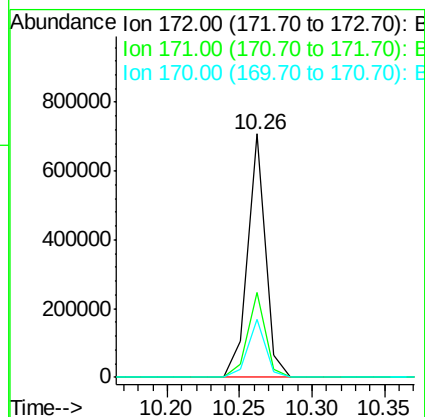
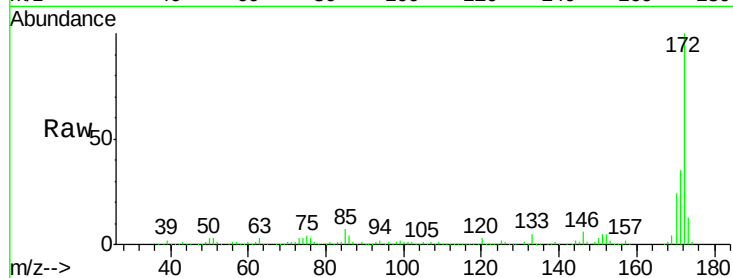




#44
2-Fluorobiphenyl
Concen: 70.95 ng
RT: 10.26 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF078992.D
Acq: 7 May 2015 13:27

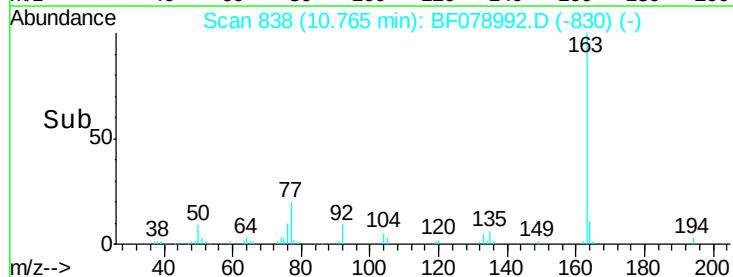
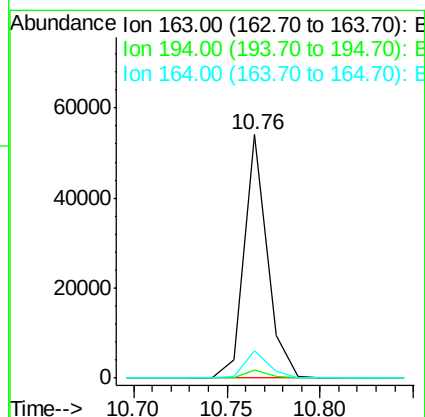
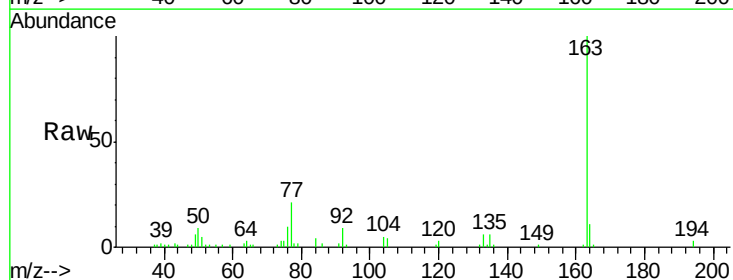
Instrument :
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CF-NATWCS-08

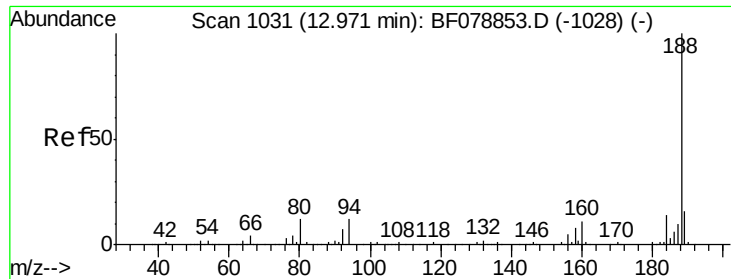
Tgt Ion:172 Resp: 607520
Ion Ratio Lower Upper
172 100
171 34.7 27.9 41.9
170 23.7 19.4 29.0



#49
Dimethylphthalate
Concen: 5.32 ng
RT: 10.76 min Scan# 838
Delta R.T. -0.01 min
Lab File: BF078992.D
Acq: 7 May 2015 13:27

Tgt Ion:163 Resp: 46559
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 11.0 8.1 12.1

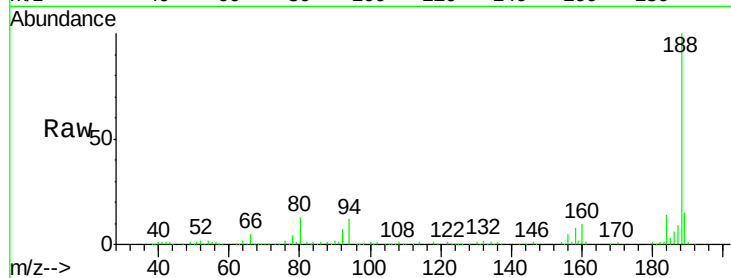




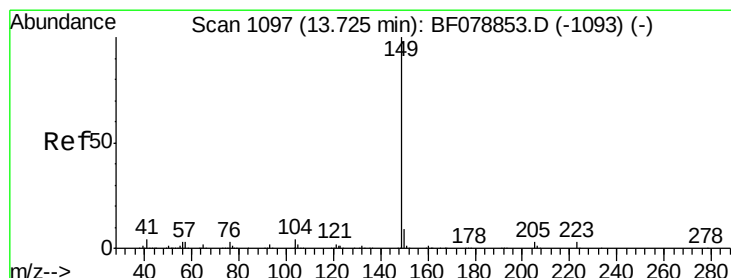
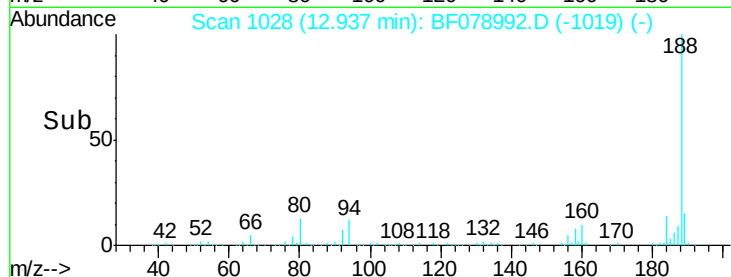
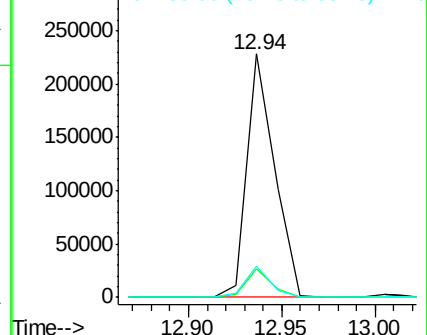
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.94 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF078992.D
Acq: 7 May 2015 13:27

Instrument :
BNA_F
ClientSampleId :
CF-NATWCS-08

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.8	8.2	12.2
80	13.0	8.9	13.3

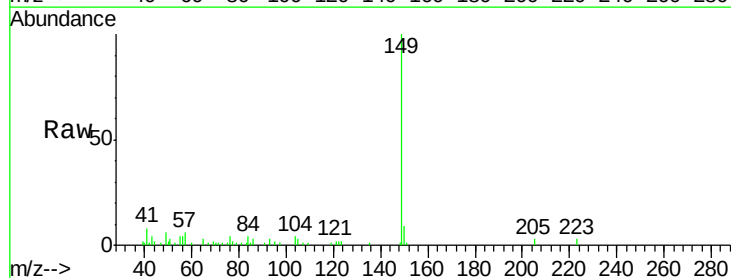


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

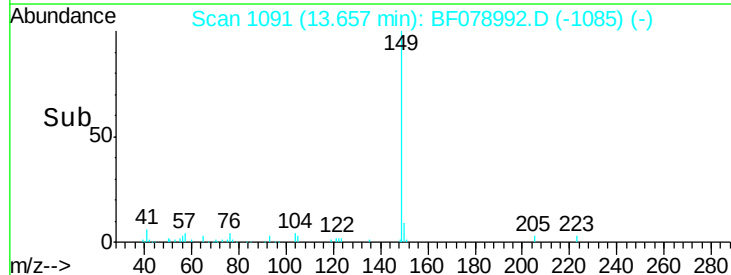
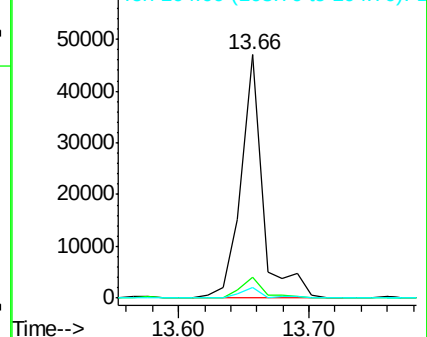


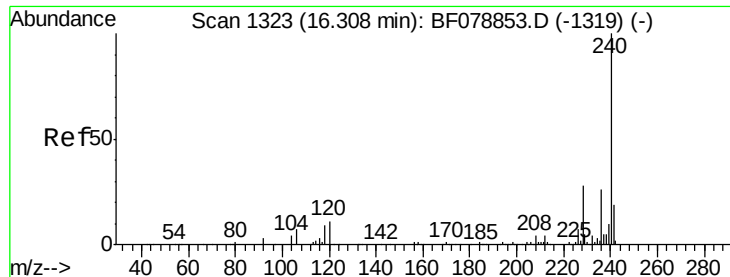
#73
Di-n-butylphthalate
Concen: 3.66 ng
RT: 13.66 min Scan# 1091
Delta R.T. -0.03 min
Lab File: BF078992.D
Acq: 7 May 2015 13:27

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.7	11.5
104	4.5	4.6	7.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.29 min Scan# 1321

Delta R.T. 0.01 min

Lab File: BF078992.D

Acq: 7 May 2015 13:27

Instrument :

BNA_F

ClientSampleId :

CF-NATWCS-08

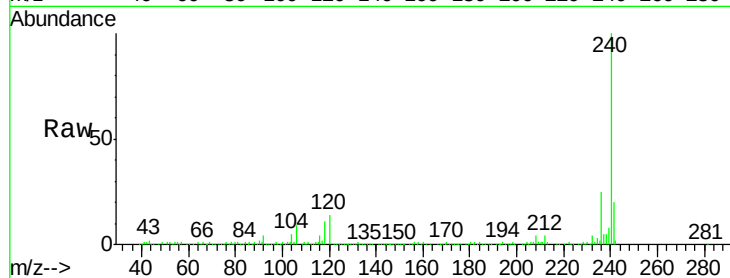
Tgt Ion:240 Resp: 257797

Ion Ratio Lower Upper

240 100

120 13.6 9.7 14.5

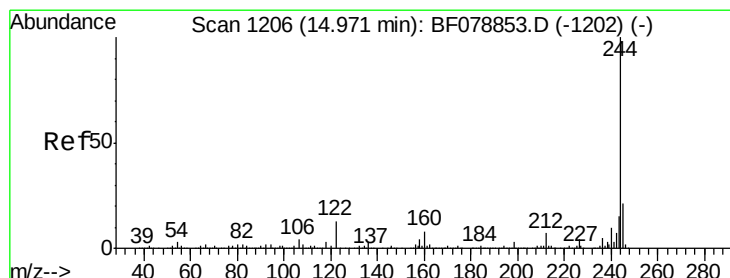
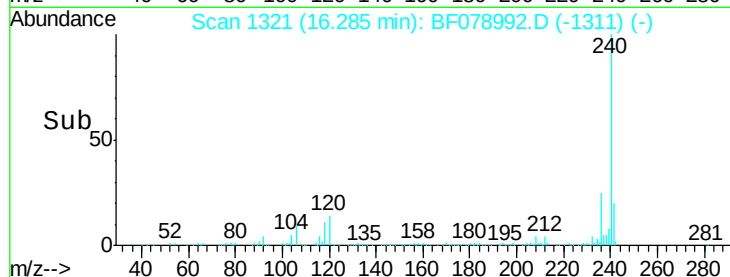
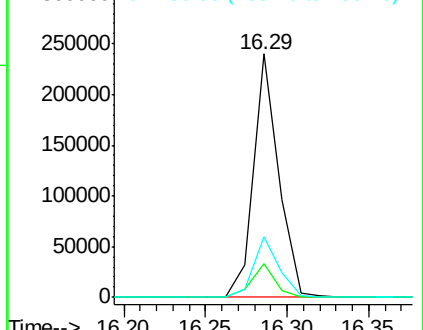
236 25.1 20.2 30.4



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: 61.42 ng

RT: 14.94 min Scan# 1203

Delta R.T. -0.00 min

Lab File: BF078992.D

Acq: 7 May 2015 13:27

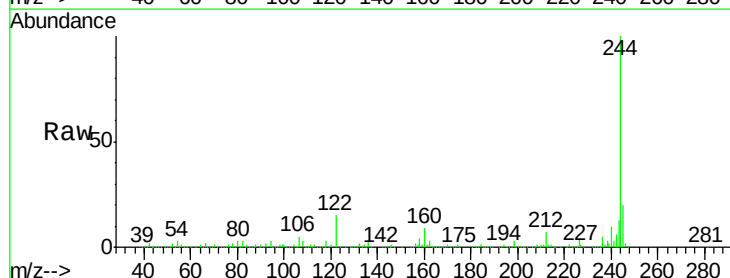
Tgt Ion:244 Resp: 661306

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

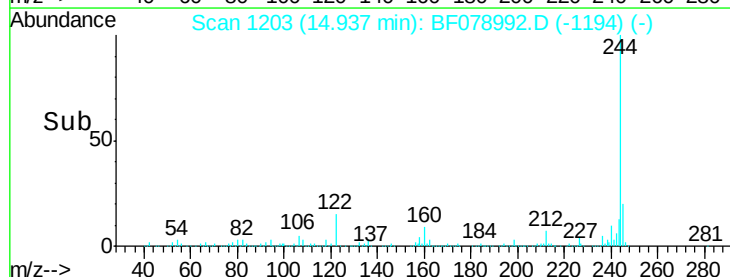
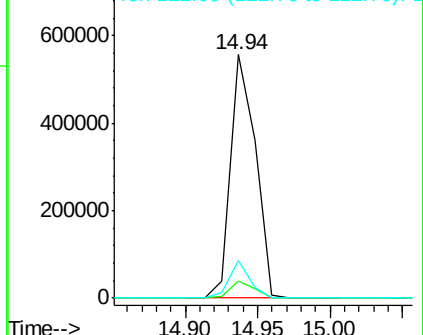
122 15.3 10.3 15.5

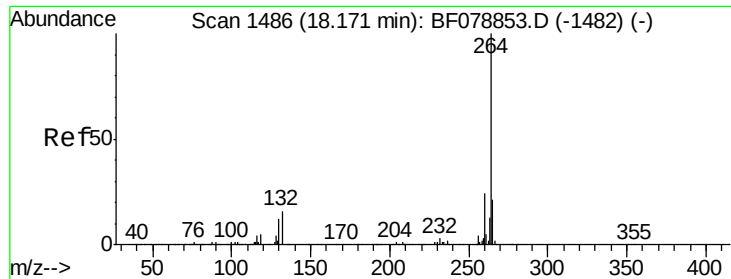


Abundance Ion 244.00 (243.70 to 244.70): E

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: 18.18 min Scan# 1487
Delta R.T. 0.05 min
Lab File: BF078992.D
Acq: 7 May 2015 13:27

Instrument :
BNA_F
ClientSampleId :
CF-NATWCS-08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.2
265	21.2	18.3	27.5

