

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050515\
 Data File : BF078946.D
 Acq On : 5 May 2015 17:56
 Operator : TP/IZ
 Sample : G2032-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B3(5-7)

Quant Time: May 06 01:14:38 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 06 00:45:00 2015
 Response via : Initial Calibration

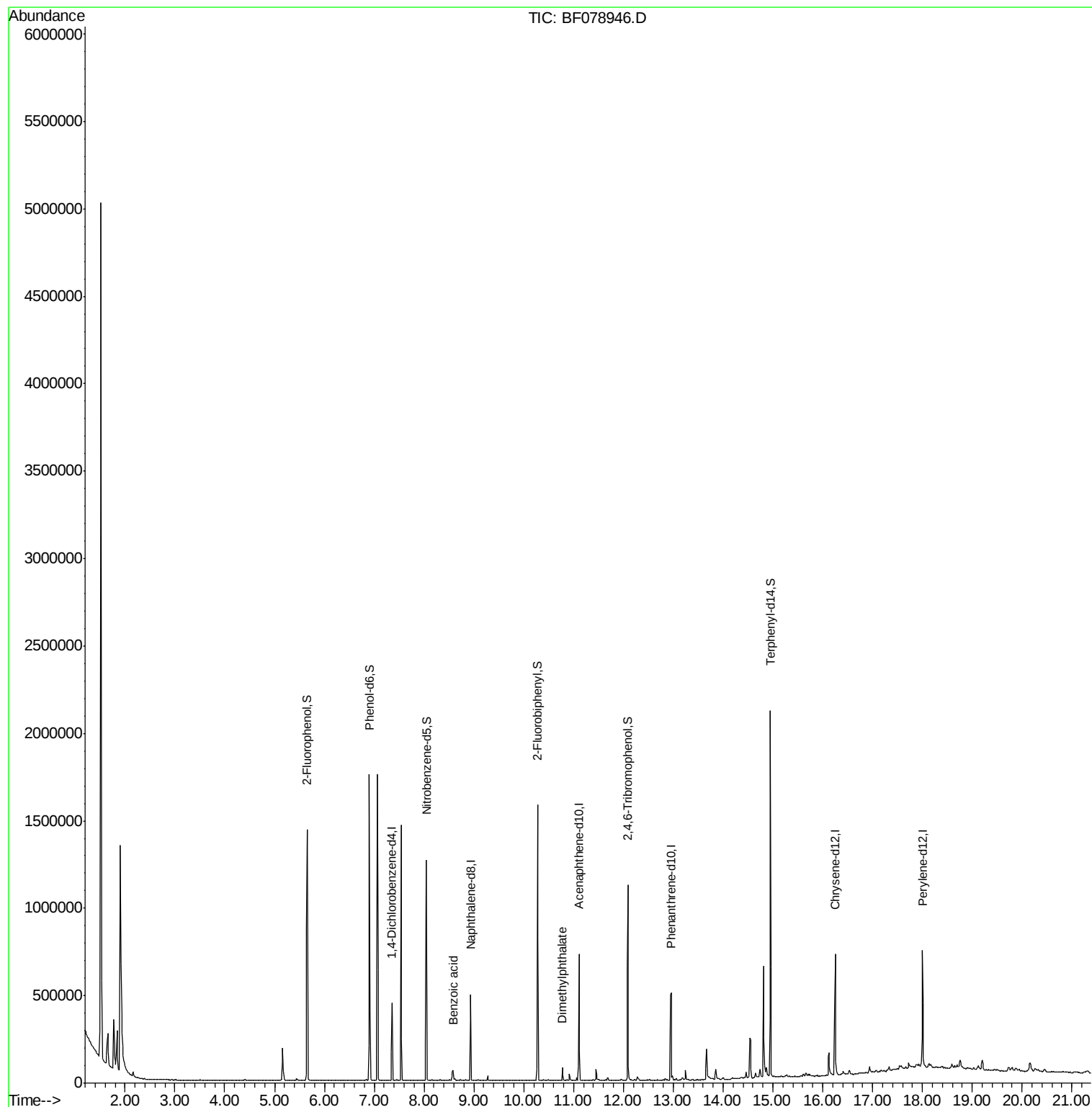
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	71901	20.00	ng	0.00
21) Naphthalene-d8	8.94	136	292378	20.00	ng	0.00
38) Acenaphthene-d10	11.11	164	144356	20.00	ng	0.00
63) Phenanthrene-d10	12.96	188	275464	20.00	ng	0.00
75) Chrysene-d12	16.25	240	296759	20.00	ng	-0.02
86) Perylene-d12	18.00	264	314891	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	486916	116.57	ng	0.01
7) Phenol-d6	6.90	99	601292	108.91	ng	0.00
23) Nitrobenzene-d5	8.04	82	374116	73.54	ng	0.00
41) 2,4,6-Tribromophenol	12.09	330	169756	108.70	ng	0.00
44) 2-Fluorobiphenyl	10.27	172	590034	56.95	ng	-0.01
78) Terphenyl-d14	14.95	244	730646	58.95	ng	0.00
Target Compounds						
32) Benzoic acid	8.58	122	23366	14.07	ng	91
49) Dimethylphthalate	10.78	163	34860	3.29	ng	99

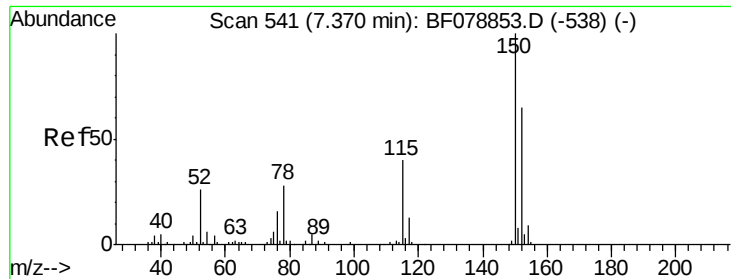
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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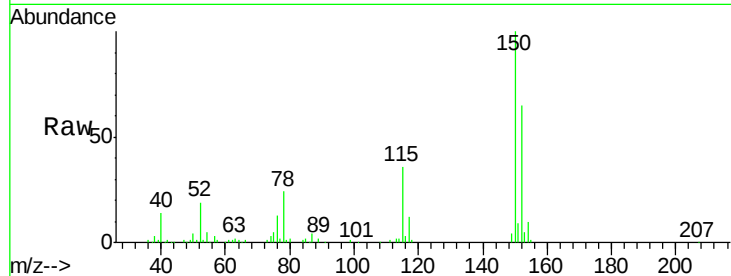


#1

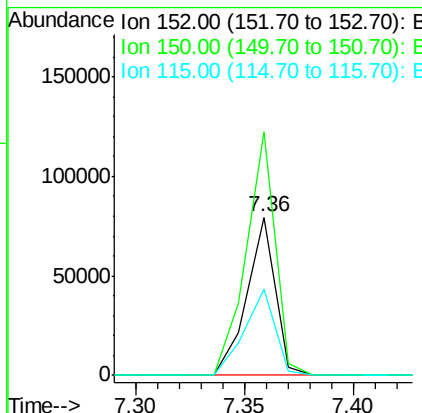
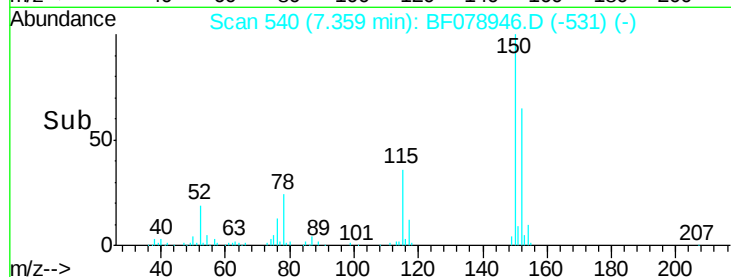
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.36 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF078946.D
Acq: 5 May 2015 17:56

Instrument :
BNA_F
ClientSampleId :
B3(5-7)

Tgt Ion:152 Resp: 71901
Ion Ratio Lower Upper
152 100
150 154.0 122.0 183.0
115 54.8 46.3 69.5



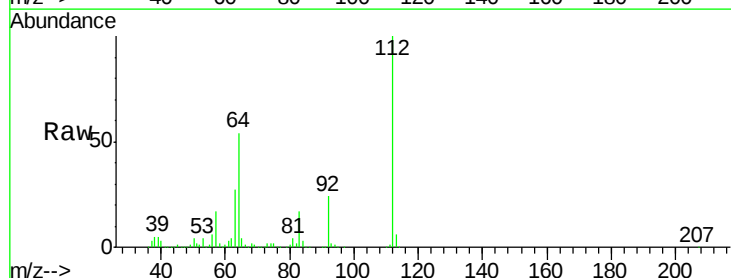
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



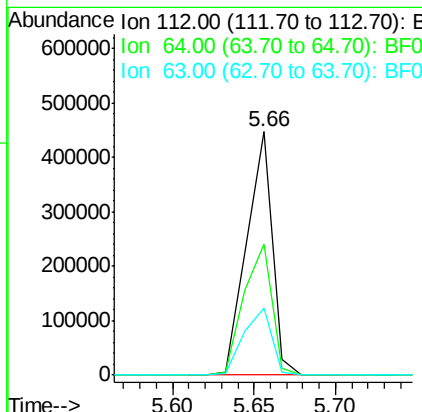
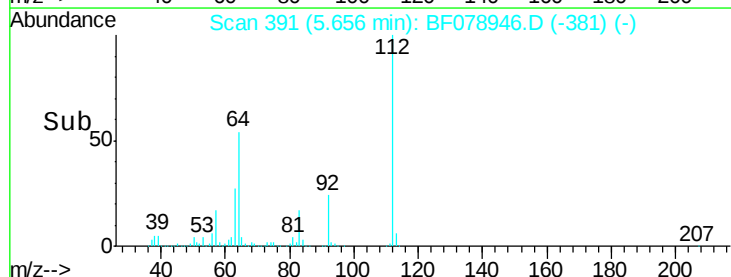
#5

2-Fluorophenol
Concen: 116.57 ng
RT: 5.66 min Scan# 391
Delta R.T. 0.01 min
Lab File: BF078946.D
Acq: 5 May 2015 17:56

Tgt Ion:112 Resp: 486916
Ion Ratio Lower Upper
112 100
64 53.9 53.5 80.3
63 27.3 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: 108.91 ng

RT: 6.90 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF078946.D

Acq: 5 May 2015 17:56

Instrument :

BNA_F

ClientSampleId :

B3(5-7)

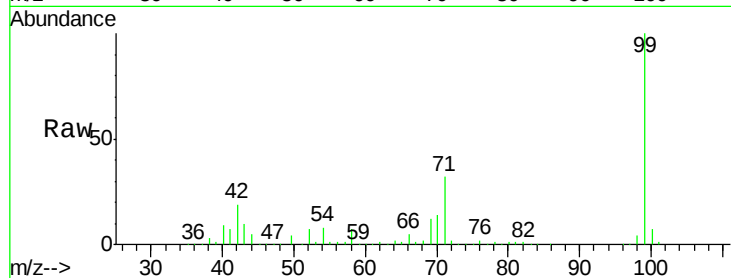
Tgt Ion: 99 Resp: 601292

Ion Ratio Lower Upper

99 100

42 19.3 12.8 19.2#

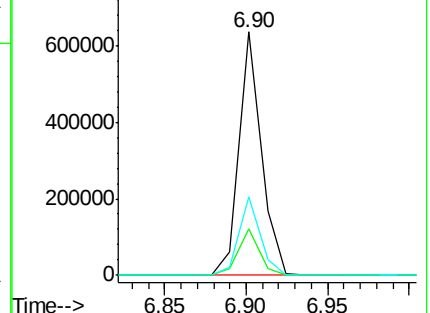
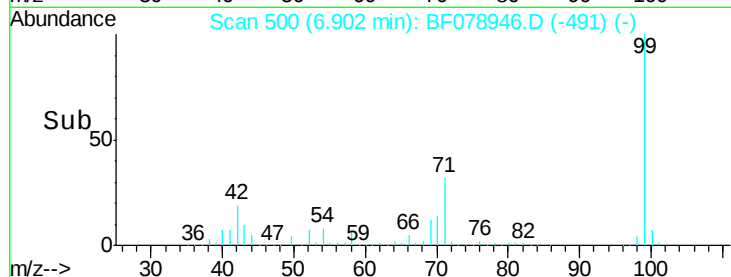
71 32.2 23.4 35.2



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: 8.94 min Scan# 678

Delta R.T. -0.00 min

Lab File: BF078946.D

Acq: 5 May 2015 17:56

Tgt Ion: 136 Resp: 292378

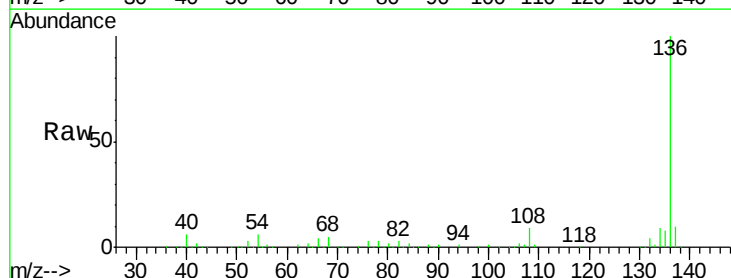
Ion Ratio Lower Upper

136 100

137 10.4 8.7 13.1

54 6.1 5.8 8.8

68 4.7 4.2 6.4

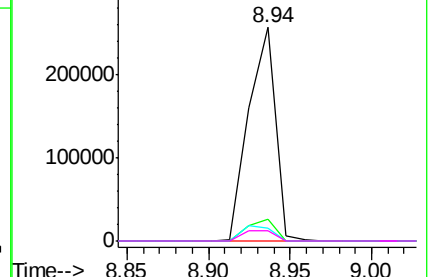
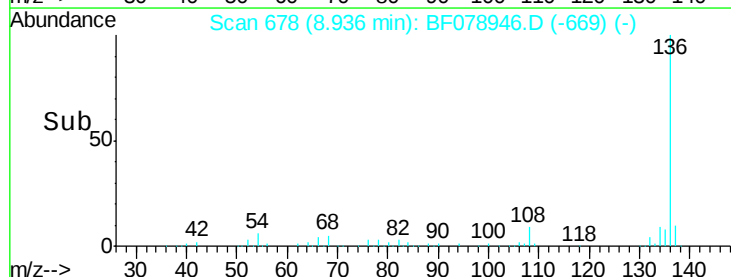


Abundance Ion 136.00 (135.70 to 136.70): E

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: 73.54 ng

RT: 8.04 min Scan# 600

Delta R.T. -0.00 min

Lab File: BF078946.D

Acq: 5 May 2015 17:56

Instrument :

BNA_F

ClientSampled :

B3(5-7)

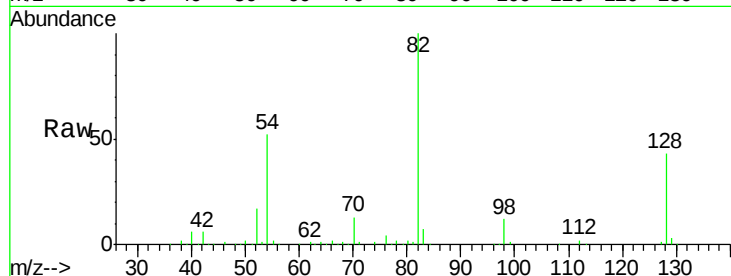
Tgt Ion: 82 Resp: 374116

Ion Ratio Lower Upper

82 100

128 42.6 30.0 45.0

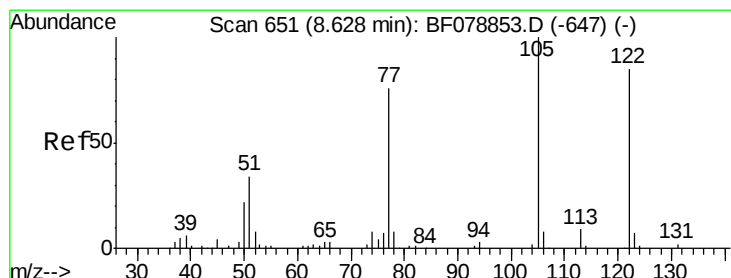
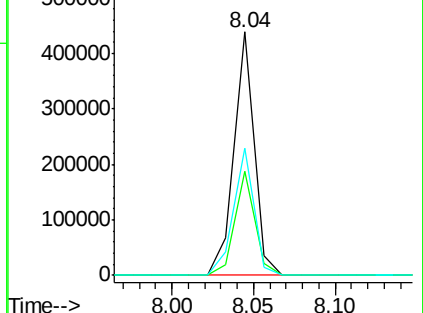
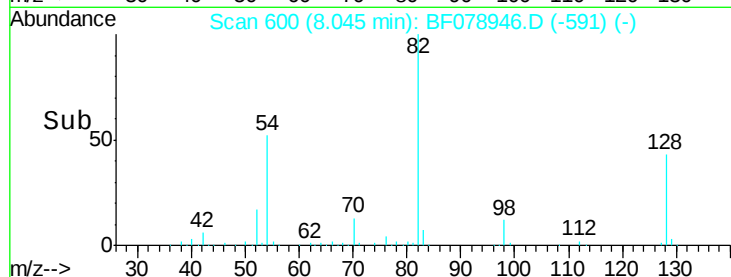
54 52.4 46.4 69.6



Abundance Ion 82.00 (81.70 to 82.70): BF078853.D (-599) (-)

Ion 128.00 (127.70 to 128.70): BF078853.D (-599) (-)

Ion 54.00 (53.70 to 54.70): BF078853.D (-599) (-)



#32

Benzoic acid

Concen: 14.07 ng

RT: 8.58 min Scan# 647

Delta R.T. -0.03 min

Lab File: BF078946.D

Acq: 5 May 2015 17:56

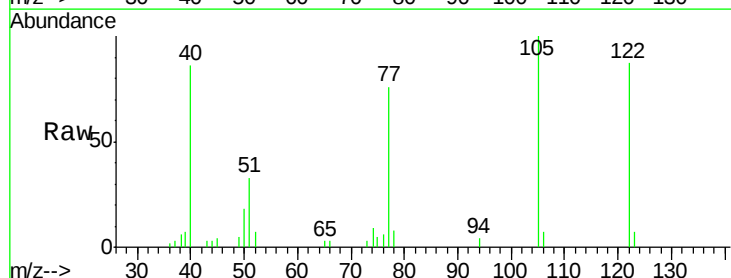
Tgt Ion: 122 Resp: 23366

Ion Ratio Lower Upper

122 100

105 115.1 107.1 147.1

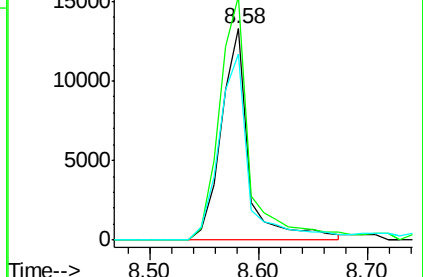
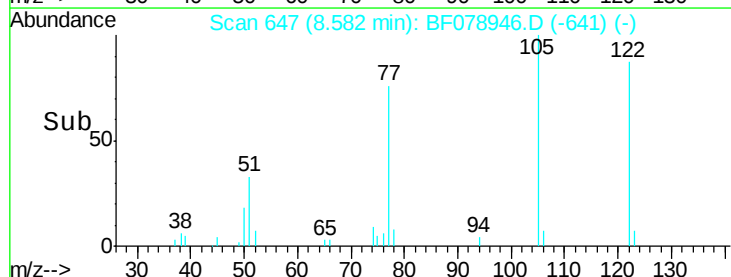
77 87.9 73.9 113.9

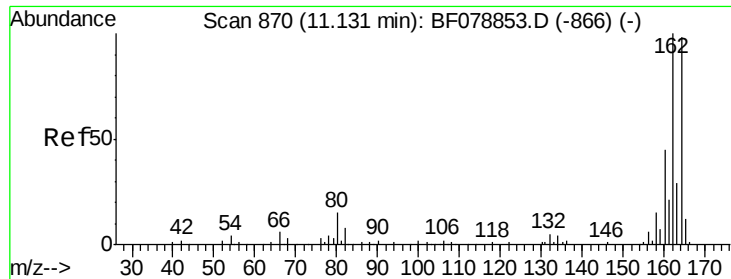


Abundance Ion 122.00 (121.70 to 122.70): BF078853.D (-647) (-)

Ion 105.00 (104.70 to 105.70): BF078853.D (-647) (-)

Ion 77.00 (76.70 to 77.70): BF078853.D (-647) (-)





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.11 min Scan# 868

Delta R.T. -0.00 min

Lab File: BF078946.D

Acq: 5 May 2015 17:56

Instrument :

BNA_F

ClientSampleId :

B3(5-7)

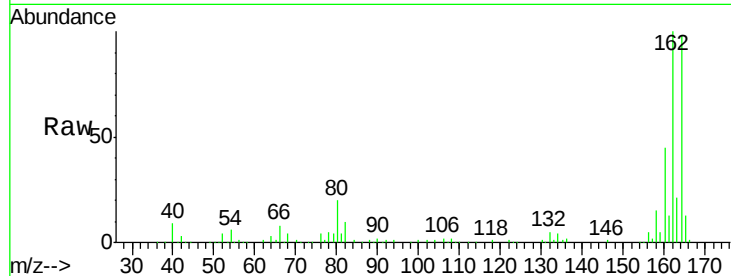
Tgt Ion:164 Resp: 144356

Ion Ratio Lower Upper

164 100

162 101.7 82.7 124.1

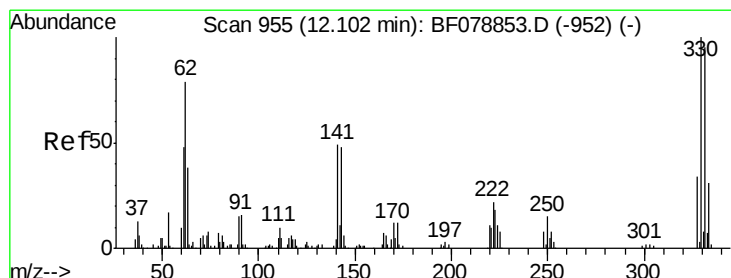
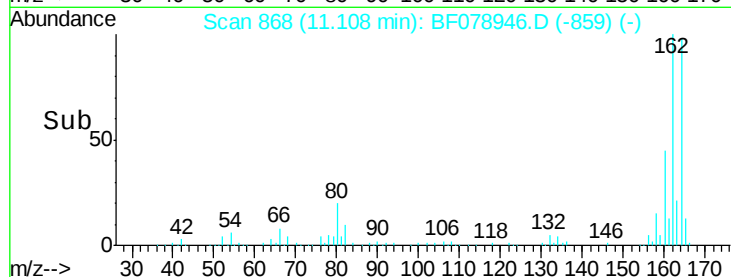
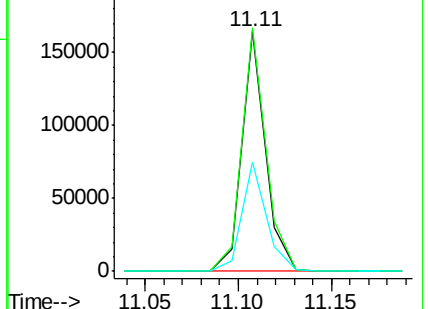
160 45.8 35.8 53.8



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: 108.70 ng

RT: 12.09 min Scan# 954

Delta R.T. -0.00 min

Lab File: BF078946.D

Acq: 5 May 2015 17:56

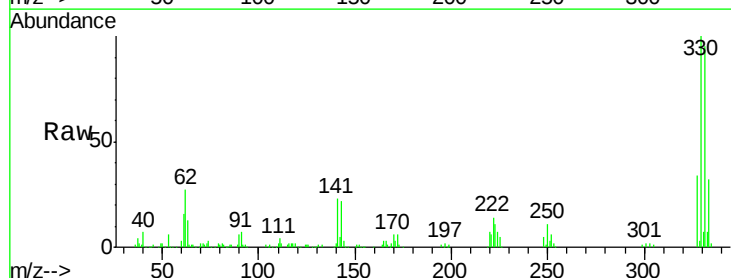
Tgt Ion:330 Resp: 169756

Ion Ratio Lower Upper

330 100

332 95.0 0.0 0.0#

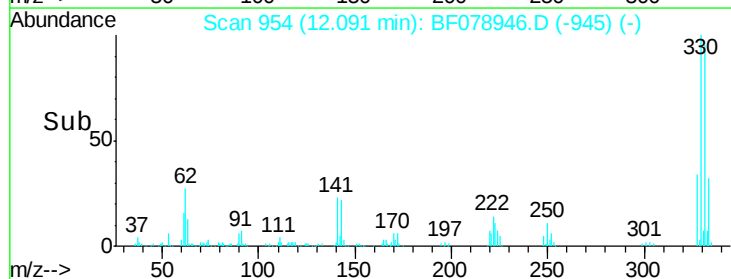
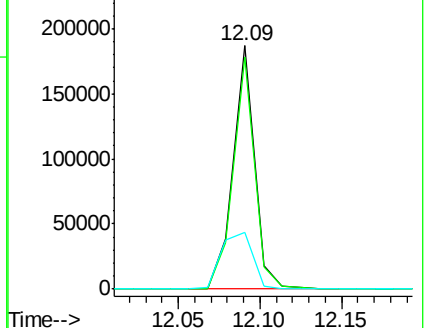
141 34.2 0.0 0.0#



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

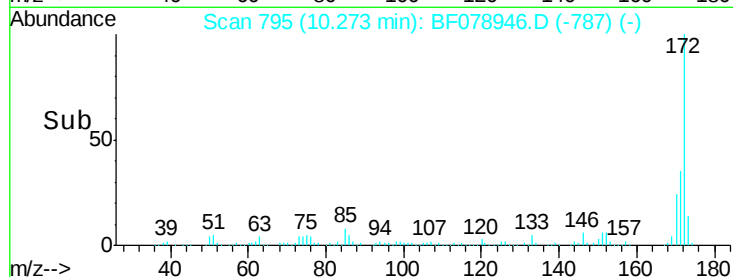
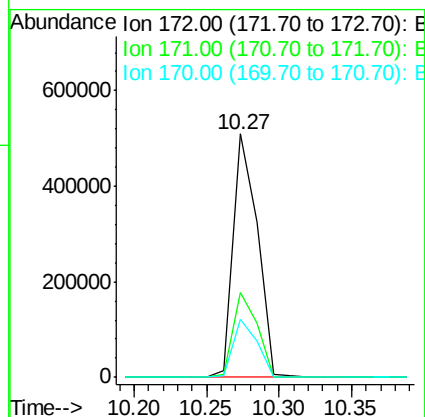
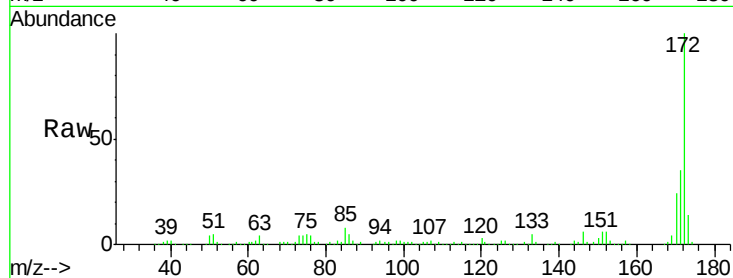




#44
2-Fluorobiphenyl
Concen: 56.95 ng
RT: 10.27 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF078946.D
Acq: 5 May 2015 17:56

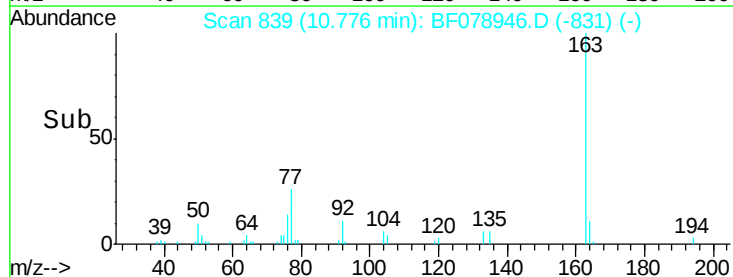
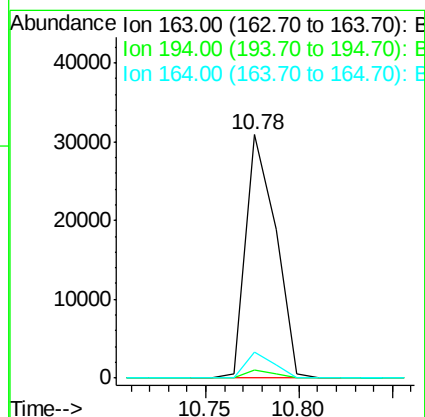
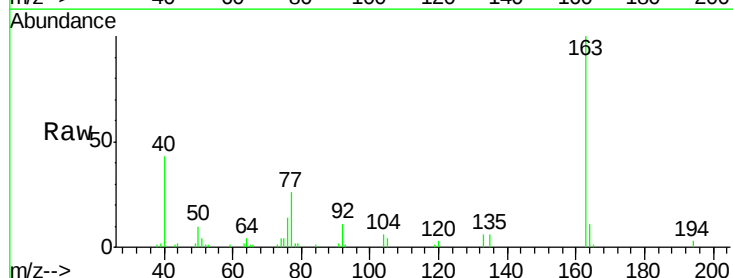
Instrument :
BNA_F
ClientSampleId :
B3(5-7)

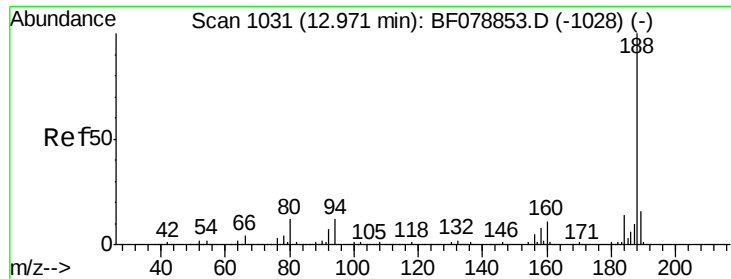
Tgt Ion:172 Resp: 590034
Ion Ratio Lower Upper
172 100
171 34.8 27.9 41.9
170 23.9 19.4 29.0



#49
Dimethylphthalate
Concen: 3.29 ng
RT: 10.78 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF078946.D
Acq: 5 May 2015 17:56

Tgt Ion:163 Resp: 34860
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.6 8.1 12.1

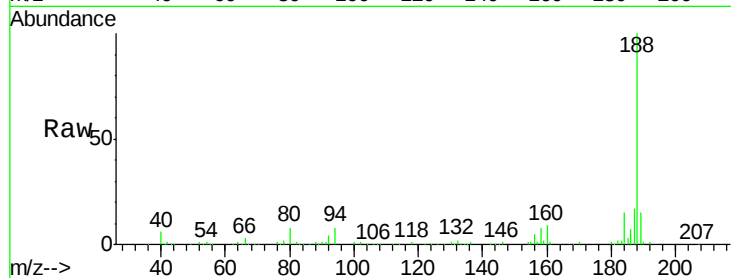




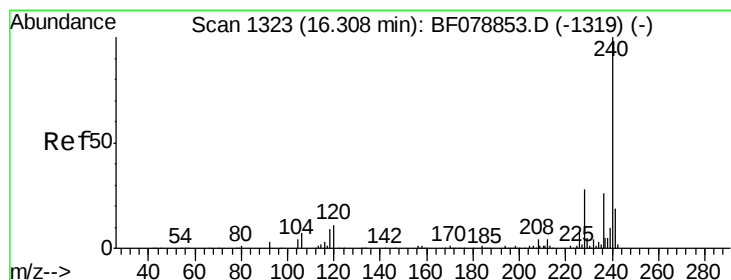
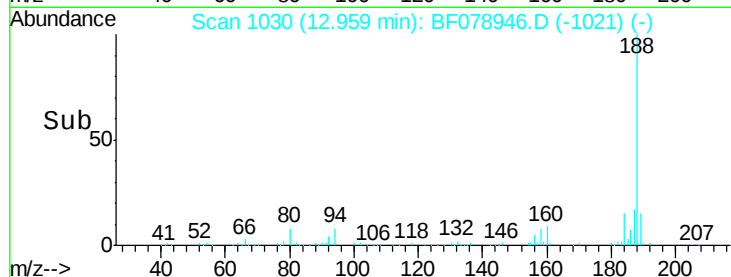
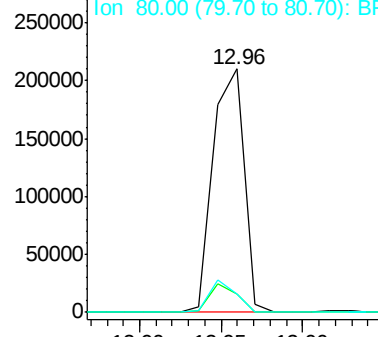
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.96 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF078946.D
Acq: 5 May 2015 17:56

Instrument :
BNA_F
ClientSampled :
B3(5-7)

Tgt Ion:188 Resp: 275464
Ion Ratio Lower Upper
188 100
94 7.5 8.2 12.2#
80 7.7 8.9 13.3#

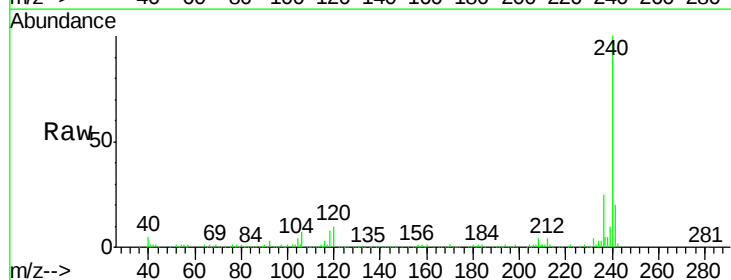


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

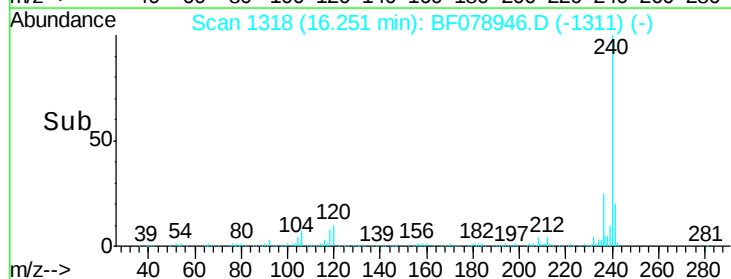
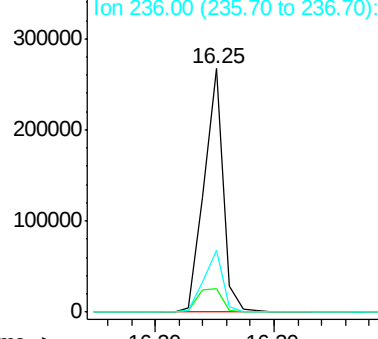


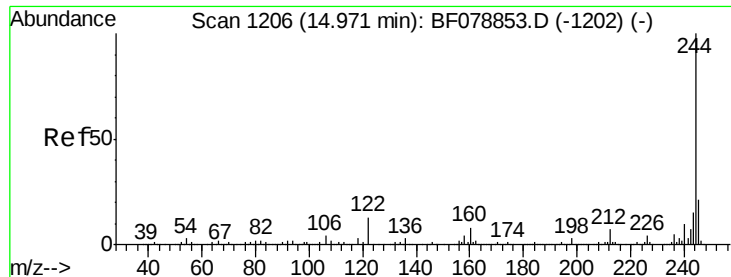
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.25 min Scan# 1318
Delta R.T. -0.02 min
Lab File: BF078946.D
Acq: 5 May 2015 17:56

Tgt Ion:240 Resp: 296759
Ion Ratio Lower Upper
240 100
120 9.9 9.7 14.5
236 25.4 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

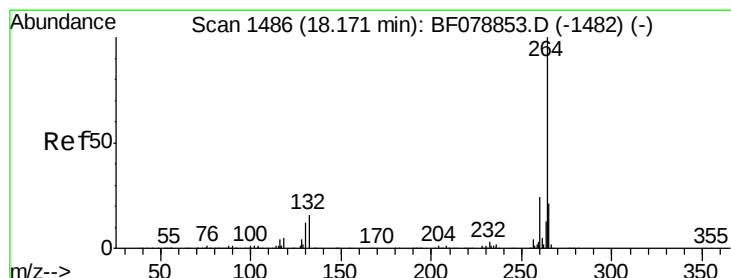
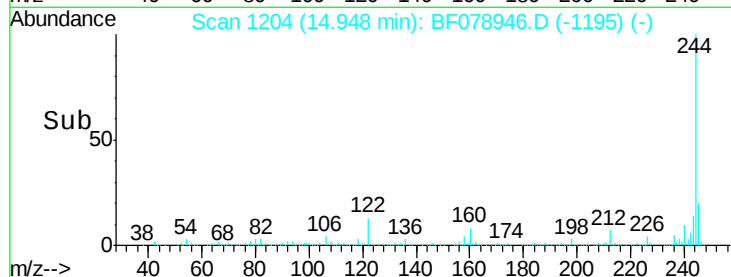
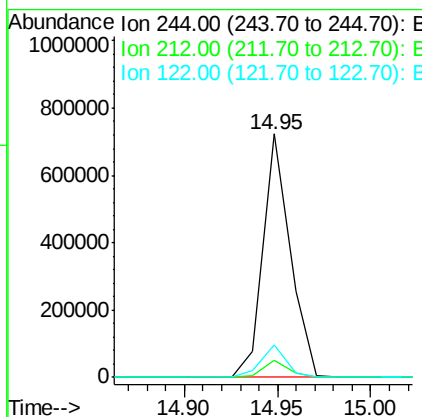
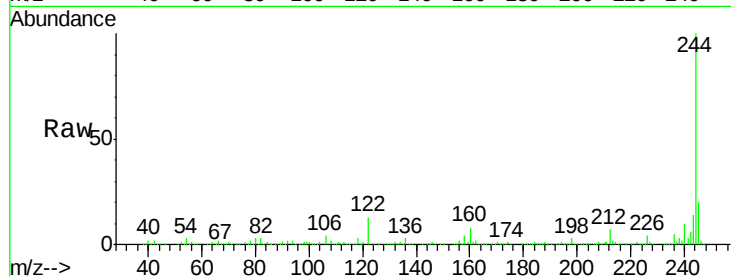




#78
 Terphenyl-d14
 Concen: 58.95 ng
 RT: 14.95 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF078946.D
 Acq: 5 May 2015 17:56

Instrument :
 BNA_F
 ClientSampleId :
 B3(5-7)

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	13.4	10.3	15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.00 min Scan# 1471
 Delta R.T. -0.09 min
 Lab File: BF078946.D
 Acq: 5 May 2015 17:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	22.7	18.3	27.5

