

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033015\
 Data File : BF078105.D
 Acq On : 31 Mar 2015 5:35
 Operator : TP/IZ
 Sample : G1653-10DL 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FD6DL

Quant Time: Mar 31 06:39:20 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 28 05:37:34 2015
 Response via : Initial Calibration

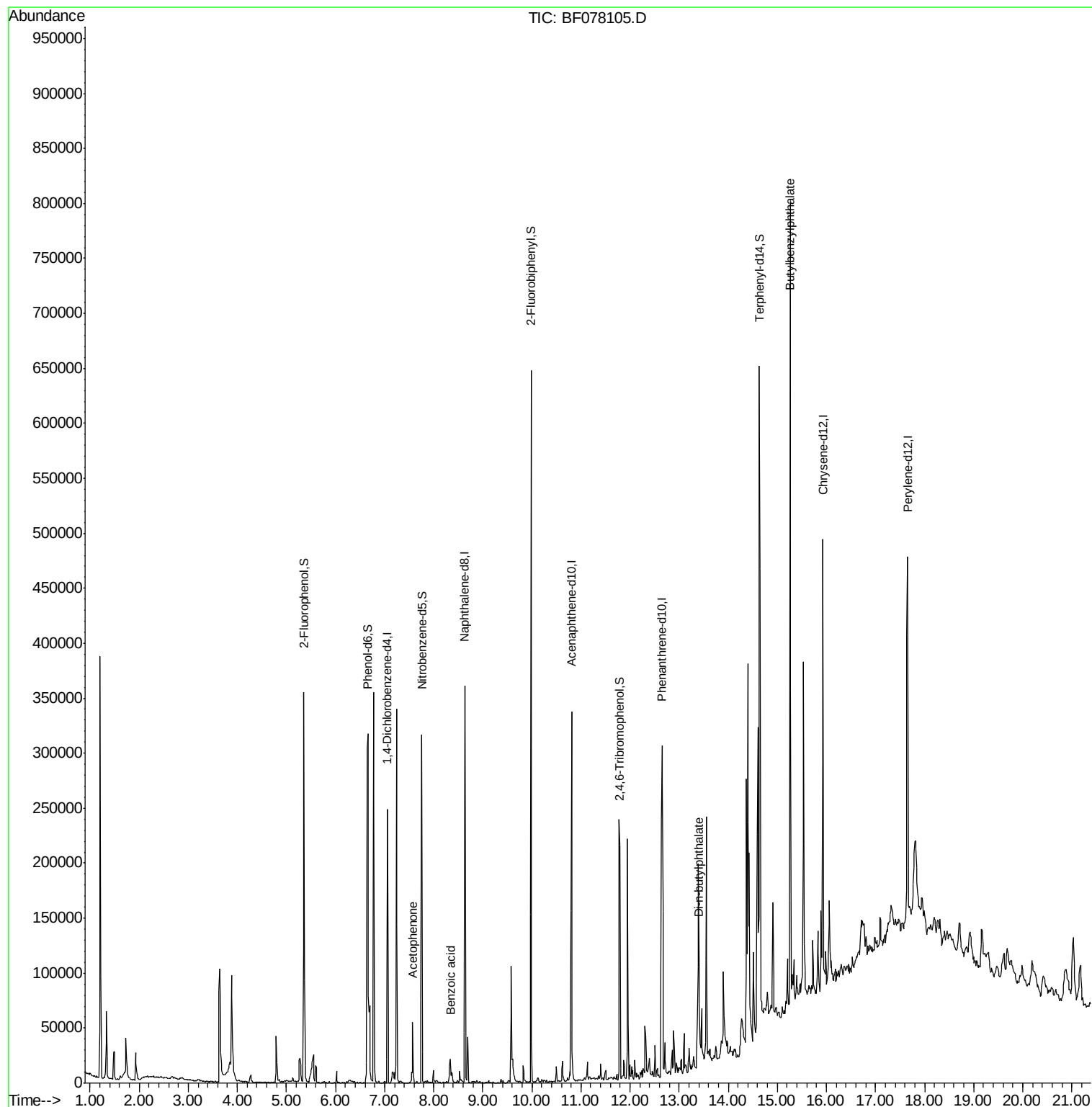
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.06	152	38274	20.00	ng	-0.01
21) Naphthalene-d8	8.64	136	157984	20.00	ng	-0.01
38) Acenaphthene-d10	10.81	164	77640	20.00	ng	-0.01
63) Phenanthrene-d10	12.65	188	152513	20.00	ng	-0.01
75) Chrysene-d12	15.93	240	168069	20.00	ng	0.00
86) Perylene-d12	17.65	264	170978	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	124089	56.59	ng	-0.01
7) Phenol-d6	6.66	99	160862	59.38	ng	-0.01
23) Nitrobenzene-d5	7.76	82	94476	39.20	ng	-0.02
41) 2,4,6-Tribromophenol	11.79	330	39260	52.85	ng	-0.01
44) 2-Fluorobiphenyl	9.98	172	207481	39.27	ng	-0.01
78) Terphenyl-d14	14.64	244	237431	34.51	ng	-0.01
Target Compounds						
22) Acetophenone	7.57	105	15842	4.53	ng	Qvalue # 94
32) Benzoic acid	8.34	122	5460	7.05	ng	95
73) Di-n-butylphthalate	13.40	149	37483	4.06	ng	99
79) Butylbenzylphthalate	15.27	149	200225	48.05	ng	87

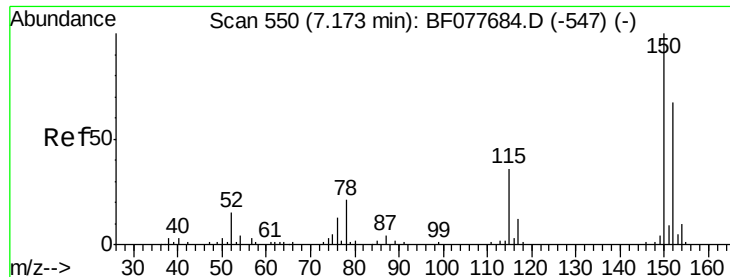
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Mar 28 05:37:34 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.06 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF078105.D

Acq: 31 Mar 2015 5:35

Instrument :

BNA_F

ClientSampled :

FD6DL

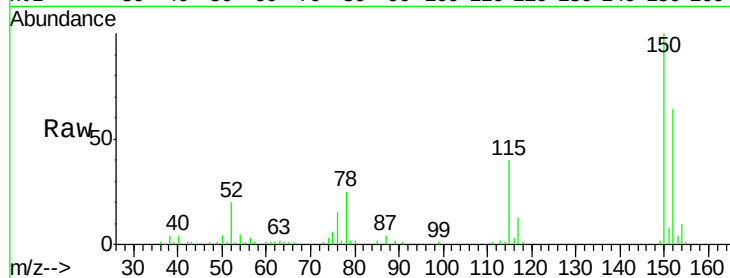
Tgt Ion:152 Resp: 38274

Ion Ratio Lower Upper

152 100

150 156.4 119.5 179.3

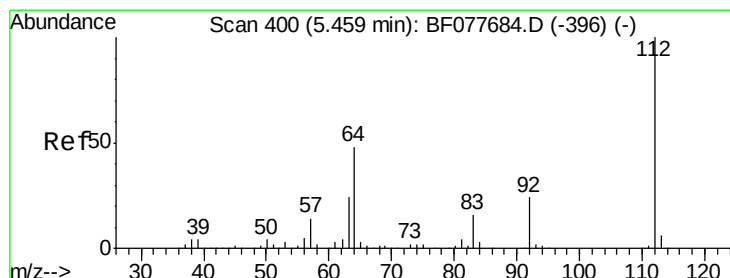
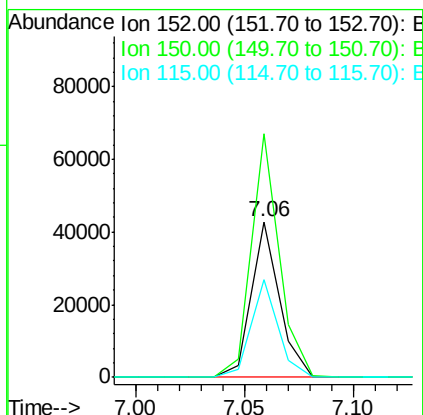
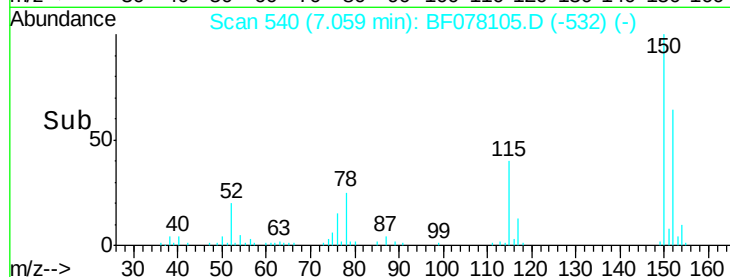
115 62.5 43.0 64.4



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: 56.59 ng

RT: 5.36 min Scan# 391

Delta R.T. -0.01 min

Lab File: BF078105.D

Acq: 31 Mar 2015 5:35

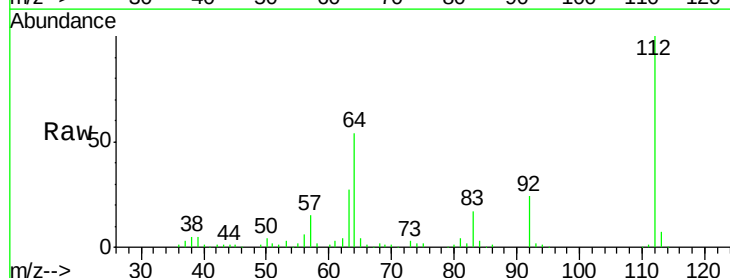
Tgt Ion:112 Resp: 124089

Ion Ratio Lower Upper

112 100

64 54.1 38.6 57.8

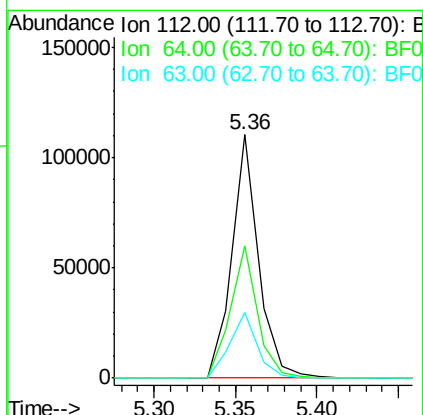
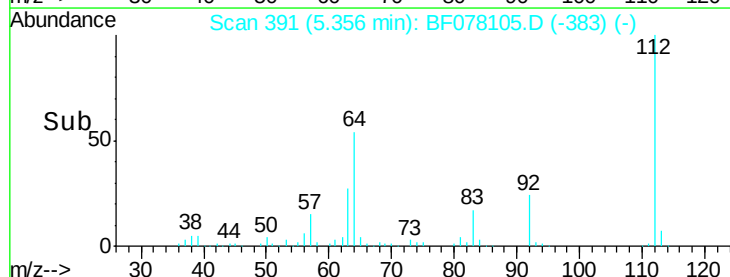
63 27.1 19.3 28.9

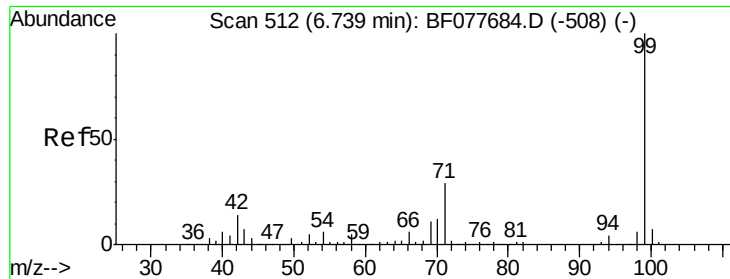


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 59.38 ng

RT: 6.66 min Scan# 505

Delta R.T. -0.01 min

Lab File: BF078105.D

Acq: 31 Mar 2015 5:35

Instrument :

BNA_F

ClientSampleId :

FD6DL

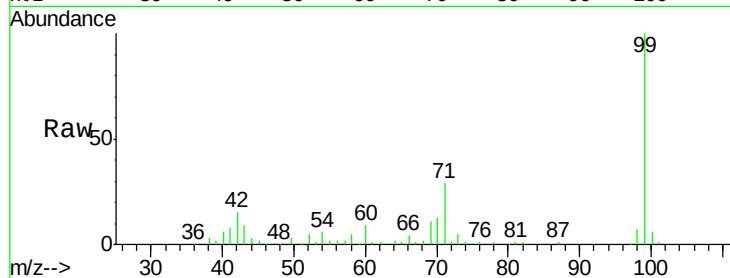
Tgt Ion: 99 Resp: 160862

Ion Ratio Lower Upper

99 100

42 15.0 11.0 16.4

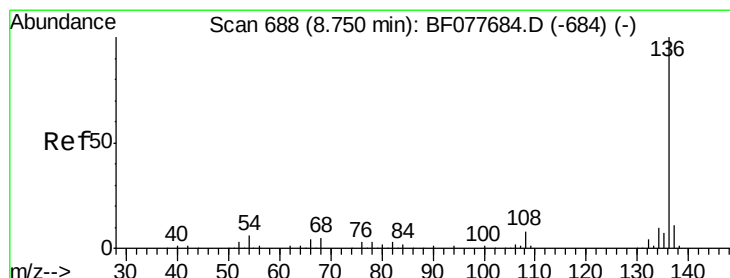
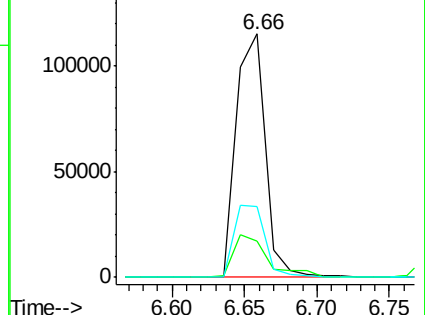
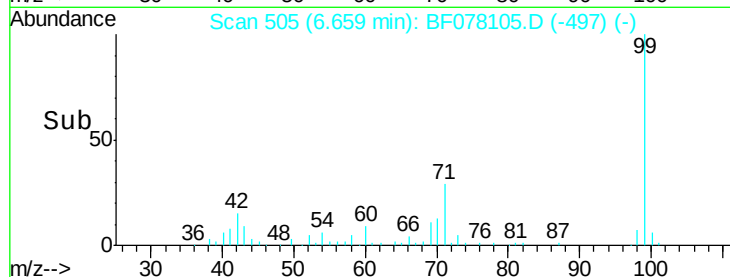
71 29.0 23.4 35.2



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: 8.64 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF078105.D

Acq: 31 Mar 2015 5:35

Tgt Ion: 136 Resp: 157984

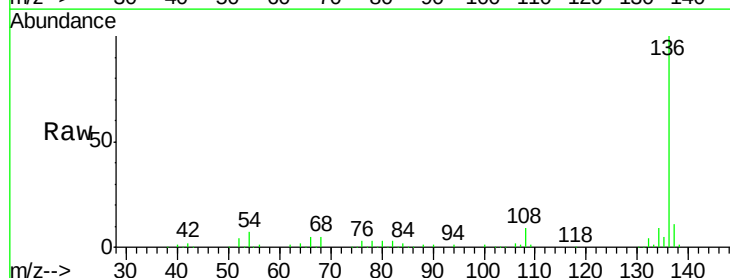
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 7.2 4.6 6.8#

68 5.4 3.7 5.5

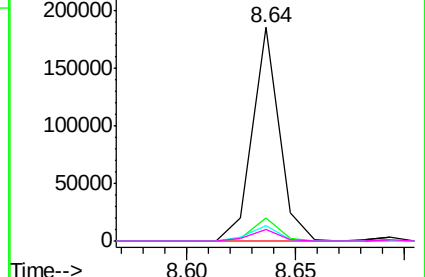
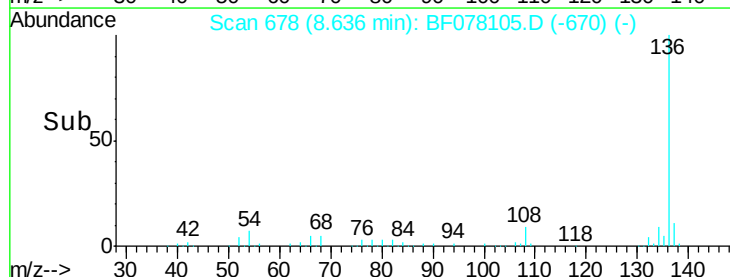


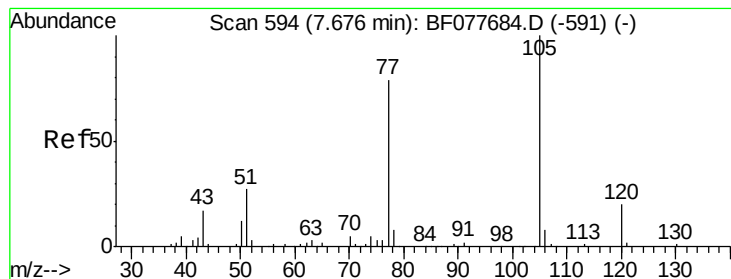
Abundance Ion 136.00 (135.70 to 136.70): E

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





#22

Acetophenone

Concen: 4.53 ng

RT: 7.57 min Scan# 585

Delta R.T. -0.01 min

Lab File: BF078105.D

Acq: 31 Mar 2015 5:35

Instrument :

BNA_F

ClientSampleId :

FD6DL

Tgt Ion: 105 Resp: 15842

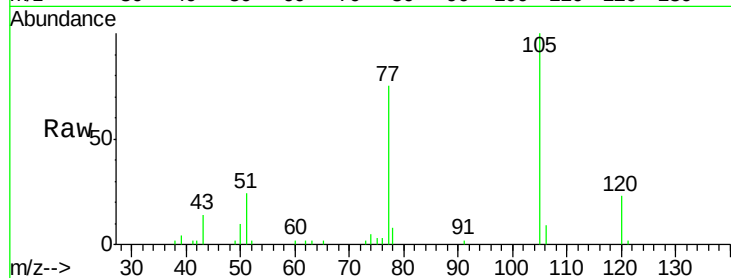
Ion Ratio Lower Upper

105 100

71 0.0 0.6 1.0#

51 24.0 21.6 32.4

120 23.2 16.1 24.1

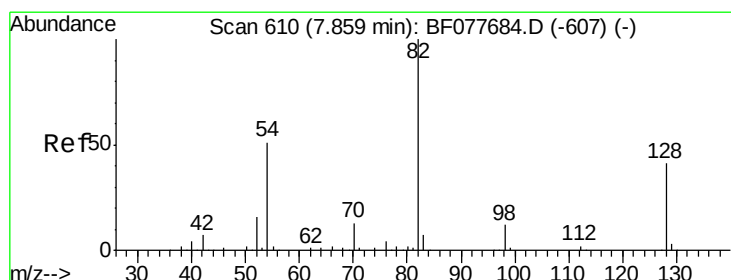
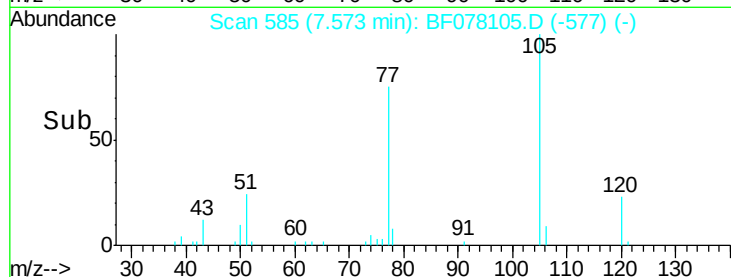
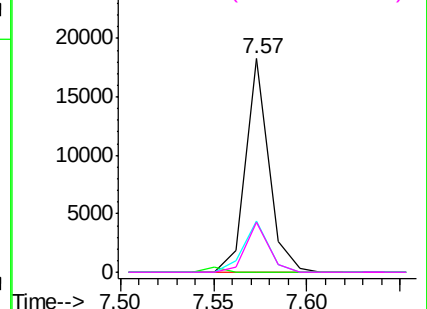


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 39.20 ng

RT: 7.76 min Scan# 601

Delta R.T. -0.02 min

Lab File: BF078105.D

Acq: 31 Mar 2015 5:35

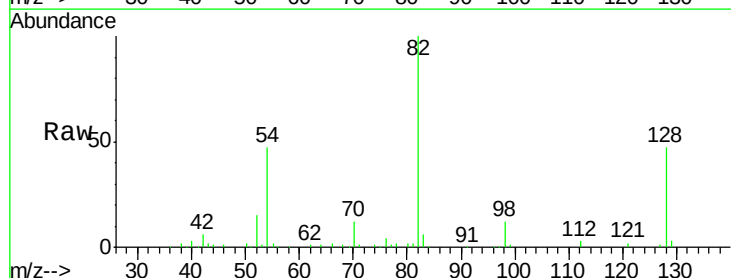
Tgt Ion: 82 Resp: 94476

Ion Ratio Lower Upper

82 100

128 46.9 32.8 49.2

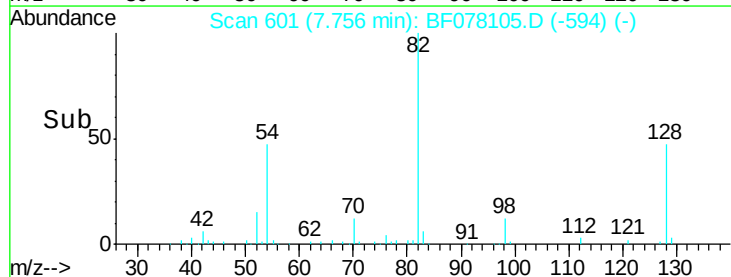
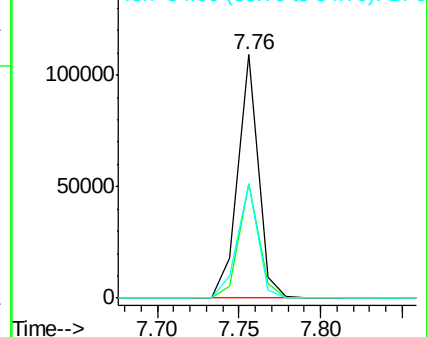
54 46.9 40.6 60.8

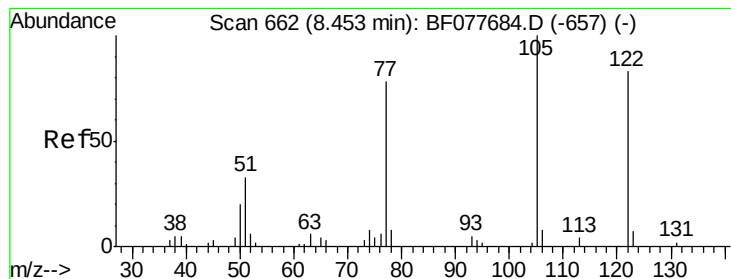


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#32

Benzoic acid

Concen: 7.05 ng

RT: 8.34 min Scan# 652

Delta R.T. -0.07 min

Lab File: BF078105.D

Acq: 31 Mar 2015 5:35

Instrument :

BNA_F

ClientSampleId :

FD6DL

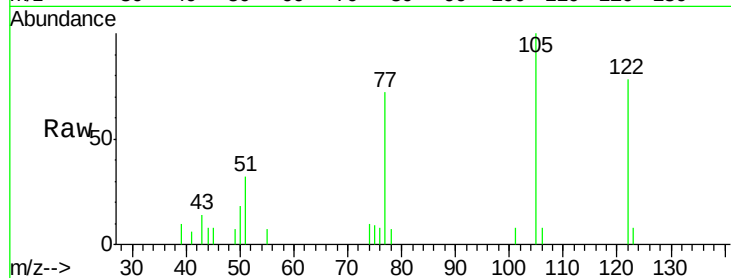
Tgt Ion:122 Resp: 5460

Ion Ratio Lower Upper

122 100

105 128.8 99.9 139.9

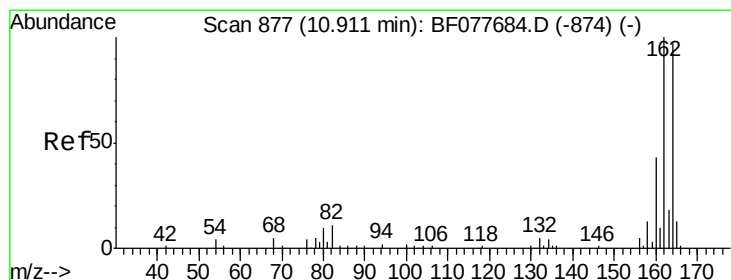
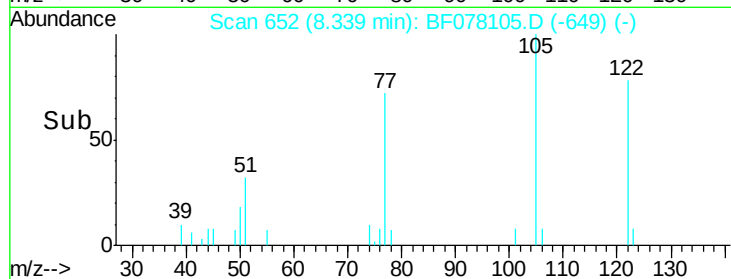
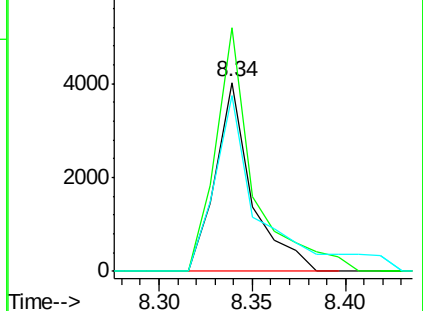
77 93.1 73.7 113.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.81 min Scan# 868

Delta R.T. -0.01 min

Lab File: BF078105.D

Acq: 31 Mar 2015 5:35

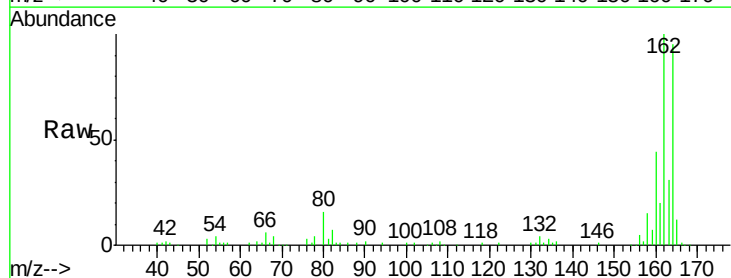
Tgt Ion:164 Resp: 77640

Ion Ratio Lower Upper

164 100

162 105.6 82.4 123.6

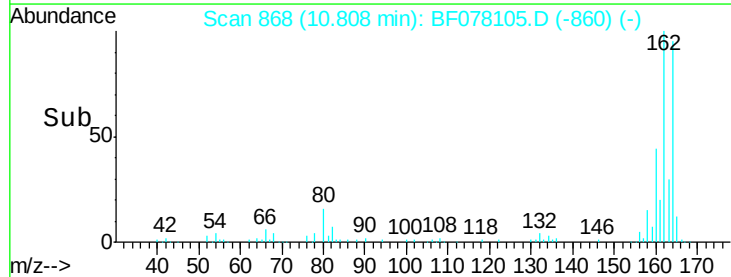
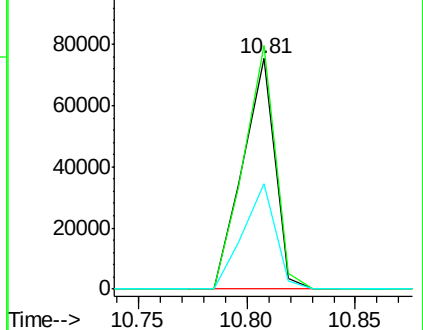
160 46.0 35.8 53.6

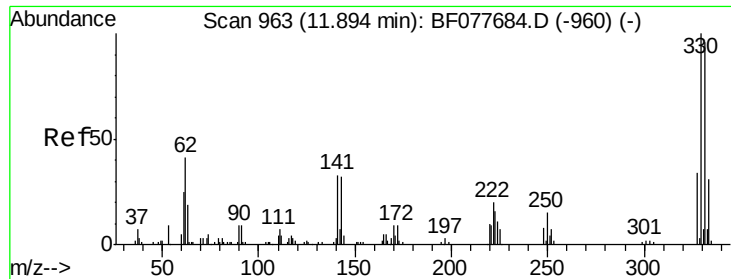


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

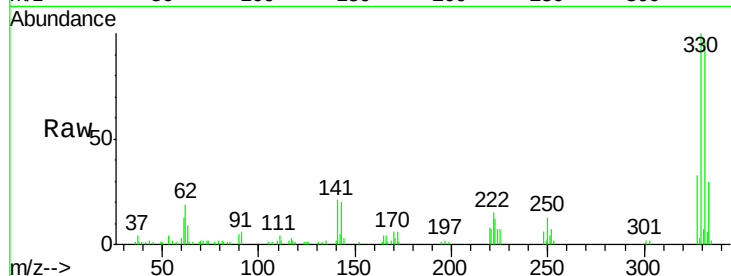




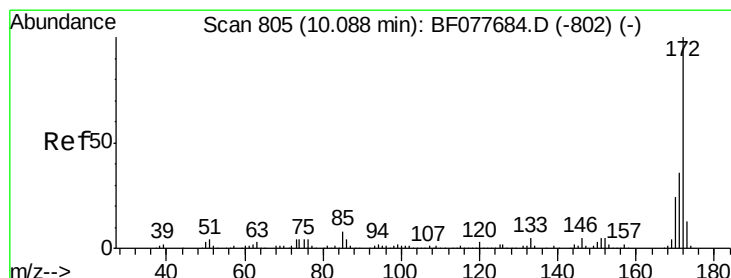
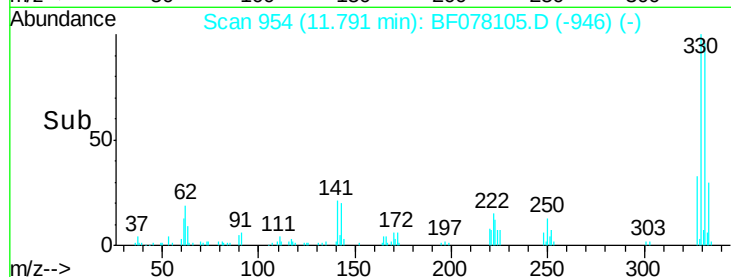
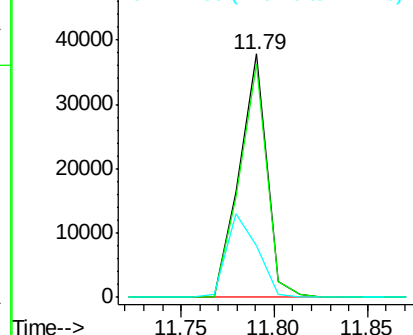
#41
 2,4,6-Tribromophenol
 Concen: 52.85 ng
 RT: 11.79 min Scan# 954
 Delta R.T. -0.01 min
 Lab File: BF078105.D
 Acq: 31 Mar 2015 5:35

Instrument :
 BNA_F
 ClientSampled :
 FD6DL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.4	0.0	0.0#
141	38.4	0.0	0.0#

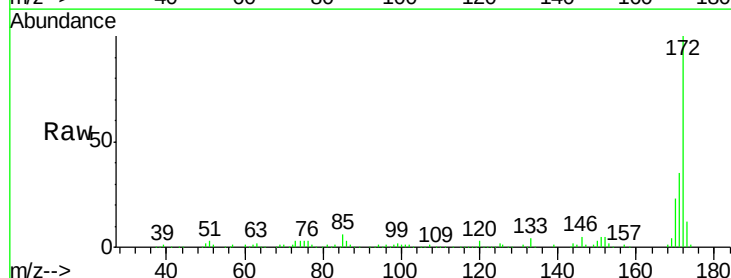


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

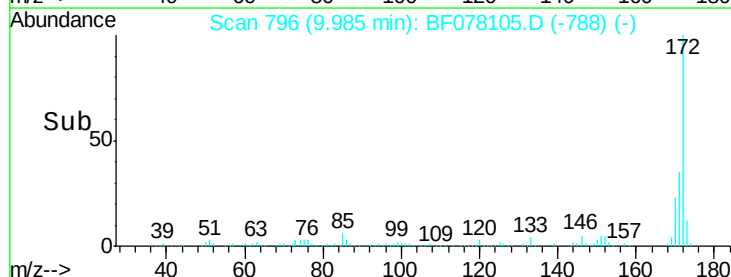
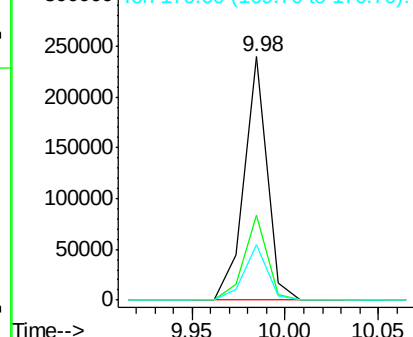


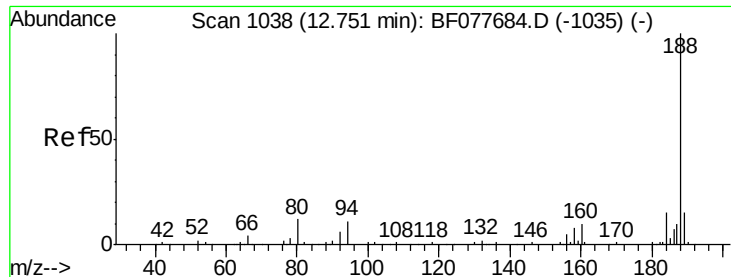
#44
 2-Fluorobiphenyl
 Concen: 39.27 ng
 RT: 9.98 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BF078105.D
 Acq: 31 Mar 2015 5:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.5	42.7
170	22.6	18.8	28.2



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

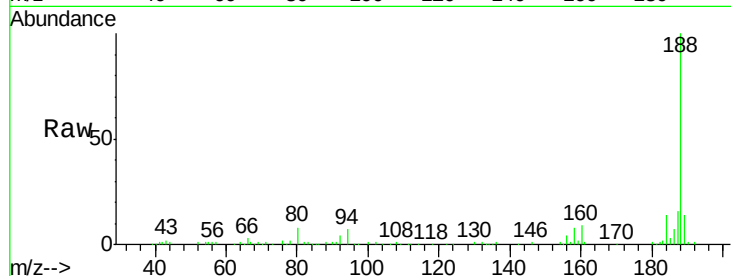




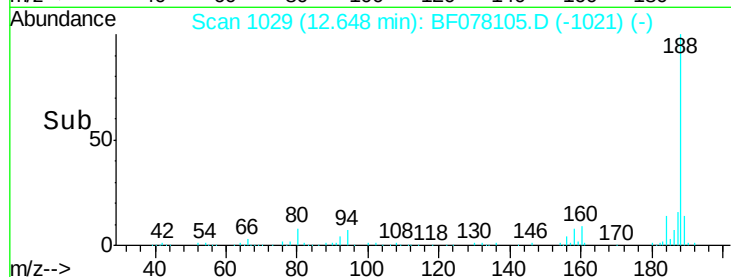
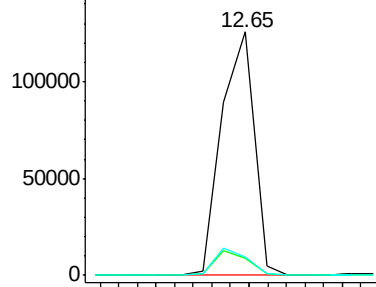
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.65 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF078105.D
Acq: 31 Mar 2015 5:35

Instrument :
BNA_F
ClientSampleId :
FD6DL

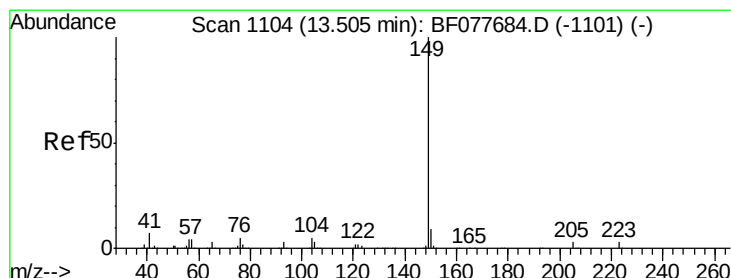
Tgt Ion:188 Resp: 152513
Ion Ratio Lower Upper
188 100
94 7.3 8.7 13.1#
80 7.6 9.3 13.9#



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

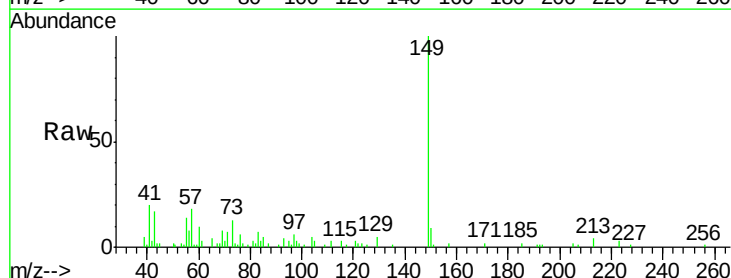


Time-->

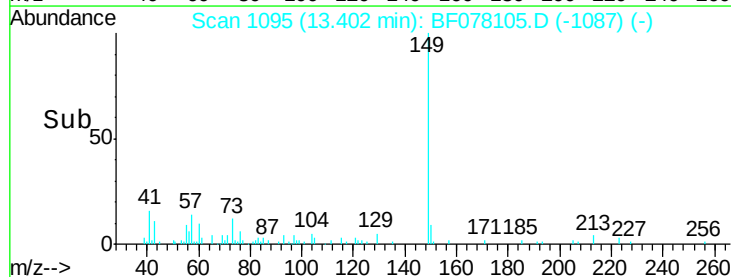
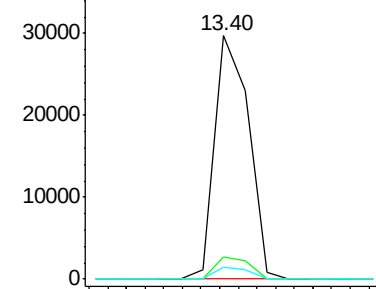


#73
Di-n-butylphthalate
Concen: 4.06 ng
RT: 13.40 min Scan# 1095
Delta R.T. -0.01 min
Lab File: BF078105.D
Acq: 31 Mar 2015 5:35

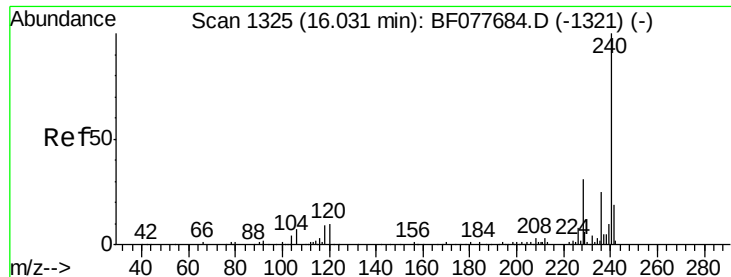
Tgt Ion:149 Resp: 37483
Ion Ratio Lower Upper
149 100
150 9.2 7.5 11.3
104 5.1 3.7 5.5



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



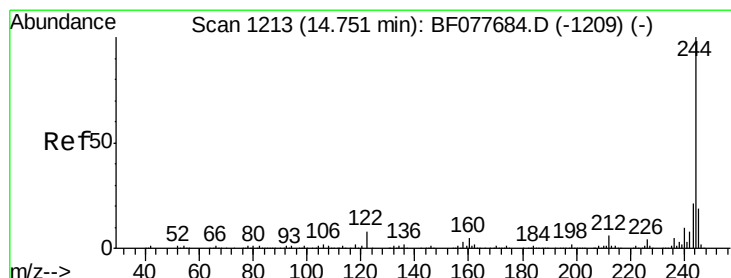
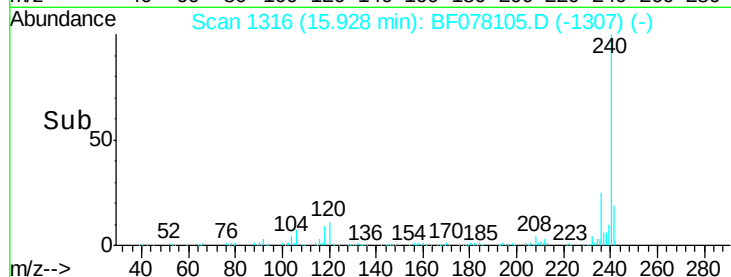
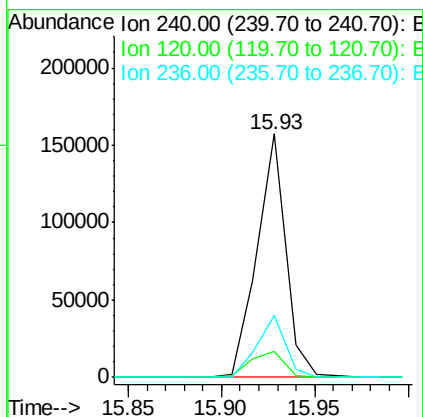
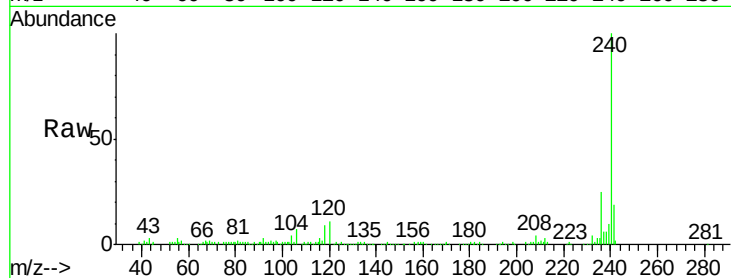
Time-->



#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.93 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BF078105.D
Acq: 31 Mar 2015 5:35

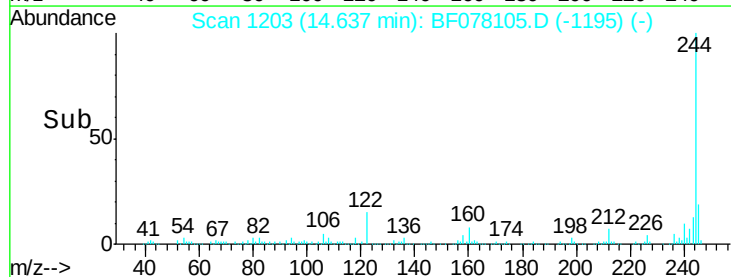
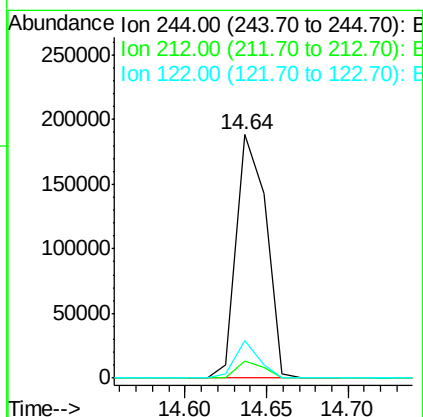
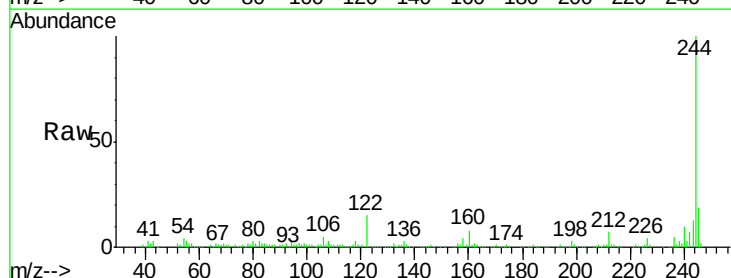
Instrument :
BNA_F
ClientSampleId :
FD6DL

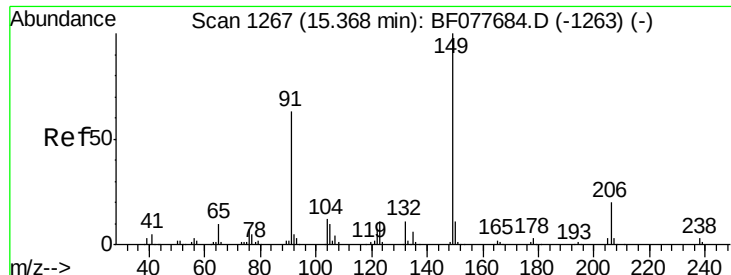
Tgt Ion:240 Resp: 168069
Ion Ratio Lower Upper
240 100
120 10.6 8.2 12.2
236 25.5 20.0 30.0



#78
Terphenyl-d14
Concen: 34.51 ng
RT: 14.64 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF078105.D
Acq: 31 Mar 2015 5:35

Tgt Ion:244 Resp: 237431
Ion Ratio Lower Upper
244 100
212 6.9 4.9 7.3
122 15.4 6.2 9.4#

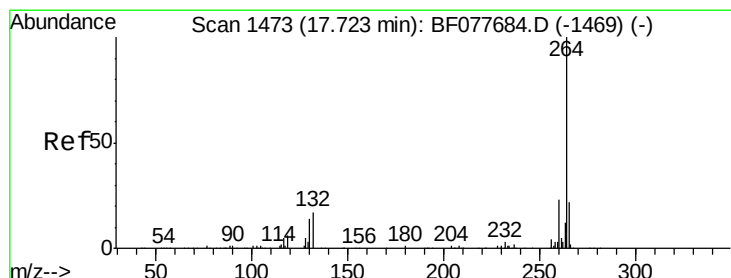
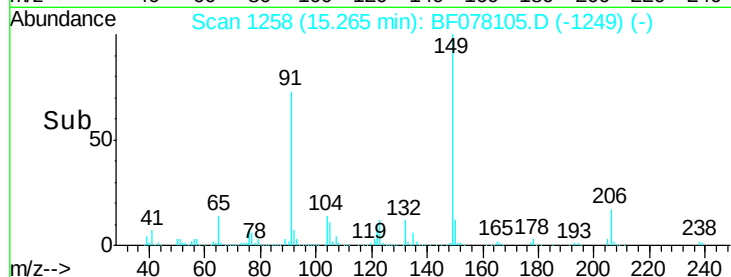
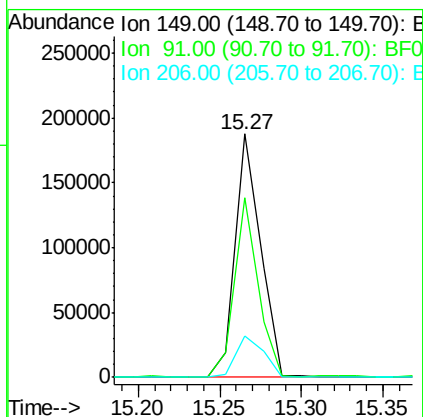
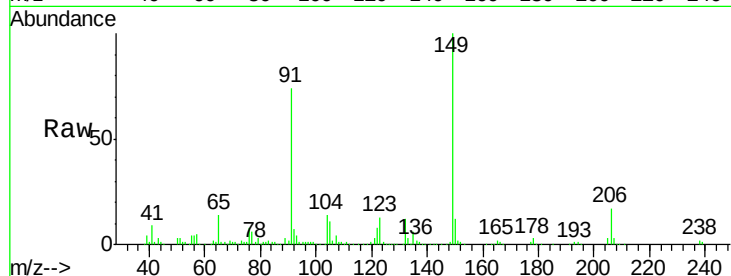




#79
Butylbenzylphthalate
Concen: 48.05 ng
RT: 15.27 min Scan# 1258
Delta R.T. -0.00 min
Lab File: BF078105.D
Acq: 31 Mar 2015 5:35

Instrument :
BNA_F
ClientSampled :
FD6DL

Tgt Ion:149 Resp: 200225
Ion Ratio Lower Upper
149 100
91 73.7 50.1 75.1
206 16.9 16.2 24.2



#86
Perylene-d12
Concen: 20.00 ng
RT: 17.65 min Scan# 1467
Delta R.T. 0.03 min
Lab File: BF078105.D
Acq: 31 Mar 2015 5:35

Tgt Ion:264 Resp: 170978
Ion Ratio Lower Upper
264 100
260 23.4 18.6 27.8
265 21.8 17.3 25.9

