

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032615\
 Data File : BF078023.D
 Acq On : 27 Mar 2015 6:00
 Operator : TP/IZ
 Sample : G1653-16
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FD11

Quant Time: Mar 27 14:09:03 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 19 02:09:19 2015
 Response via : Initial Calibration

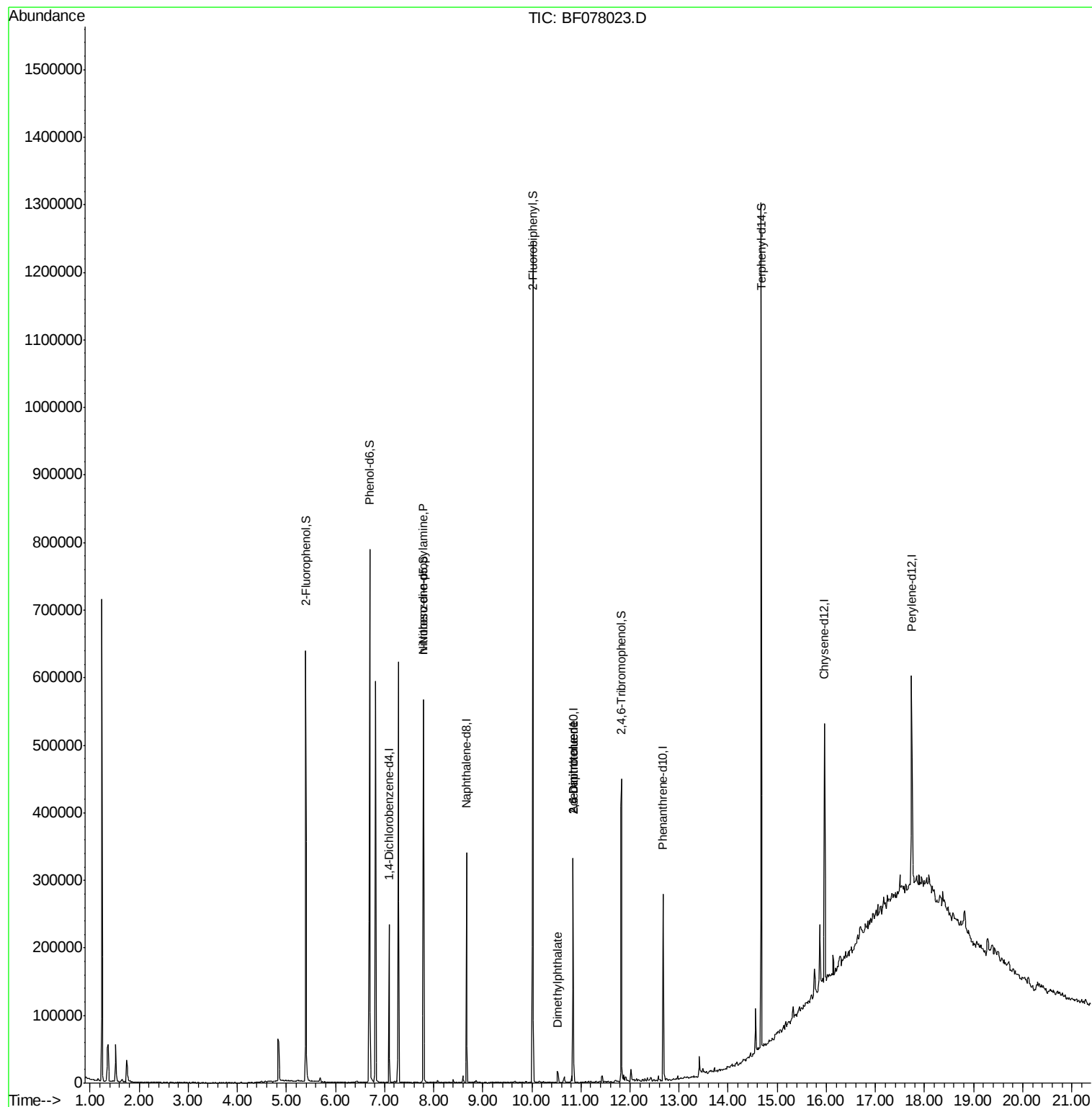
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	35683	20.00	ng	-0.07
21) Naphthalene-d8	8.67	136	149941	20.00	ng	-0.07
38) Acenaphthene-d10	10.84	164	75019	20.00	ng	-0.07
63) Phenanthrene-d10	12.67	188	151102	20.00	ng	-0.08
75) Chrysene-d12	15.96	240	158427	20.00	ng	-0.17
86) Perylene-d12	17.73	264	149156	20.00	ng	-0.37
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	231768	113.38	ng	-0.05
7) Phenol-d6	6.69	99	305452	120.94	ng	-0.03
23) Nitrobenzene-d5	7.79	82	173128	75.69	ng	-0.07
41) 2,4,6-Tribromophenol	11.83	330	77068	107.37	ng	-0.07
44) 2-Fluorobiphenyl	10.02	172	377464	73.94	ng	-0.07
78) Terphenyl-d14	14.67	244	446970	68.92	ng	-0.09
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.79	70	22458	12.85	ng	# 78
49) Dimethylphthalate	10.53	163	11463	2.06	ng	# 96
50) 2,6-Dinitrotoluene	10.84	165	9992	8.66	ng	# 24
56) 2,4-Dinitrotoluene	10.84	165	9993	6.64	ng	# 11
76) Benzidine	14.23	184	333	Below Cal		# 68

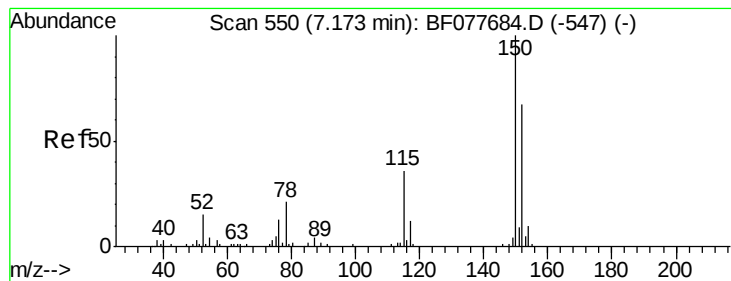
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032615\
Data File : BF078023.D
Acq On : 27 Mar 2015 6:00
Operator : TP/IZ
Sample : G1653-16
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FD11

Quant Time: Mar 27 14:09:03 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 19 02:09:19 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.09 min Scan# 543

Delta R.T. -0.07 min

Lab File: BF078023.D

Acq: 27 Mar 2015 6:00

Instrument :

BNA_F

ClientSampleId :

FD11

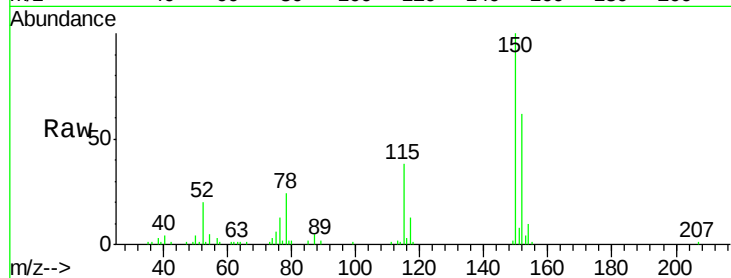
Tgt Ion:152 Resp: 35683

Ion Ratio Lower Upper

152 100

150 161.4 119.5 179.3

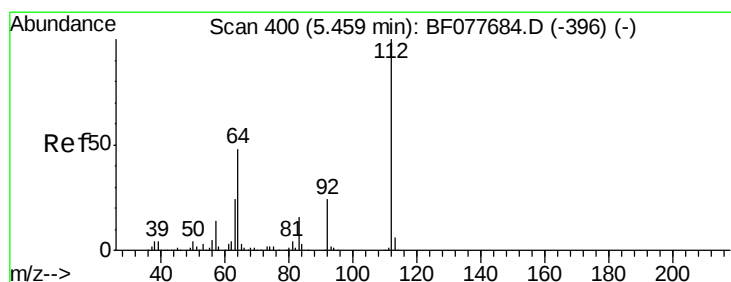
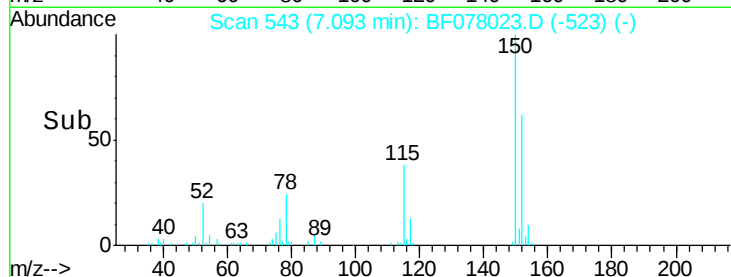
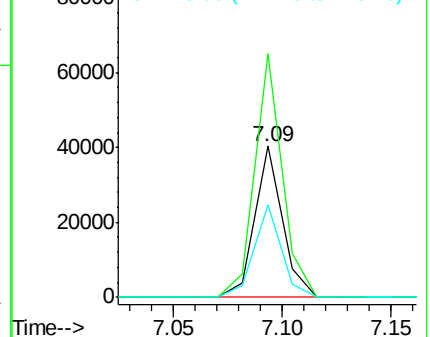
115 61.3 43.0 64.4



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: 113.38 ng

RT: 5.39 min Scan# 394

Delta R.T. -0.05 min

Lab File: BF078023.D

Acq: 27 Mar 2015 6:00

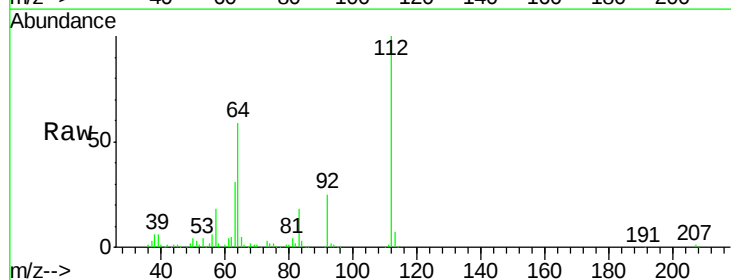
Tgt Ion:112 Resp: 231768

Ion Ratio Lower Upper

112 100

64 59.0 38.6 57.8#

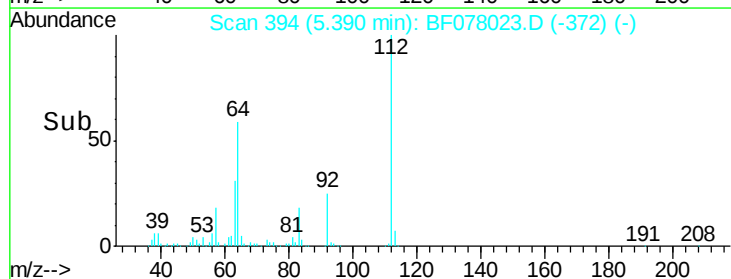
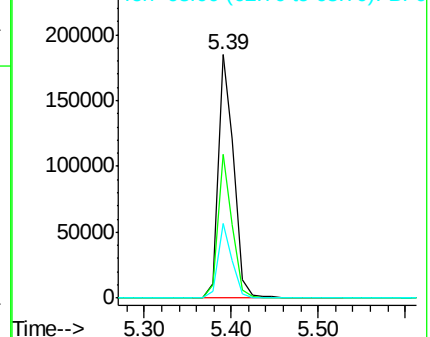
63 30.7 19.3 28.9#

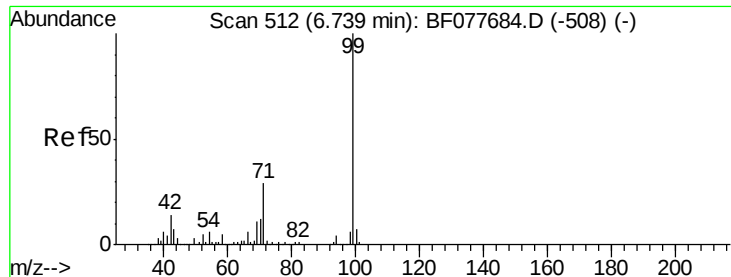


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 120.94 ng

RT: 6.69 min Scan# 508

Delta R.T. -0.03 min

Lab File: BF078023.D

Acq: 27 Mar 2015 6:00

Instrument :

BNA_F

ClientSampleId :

FD11

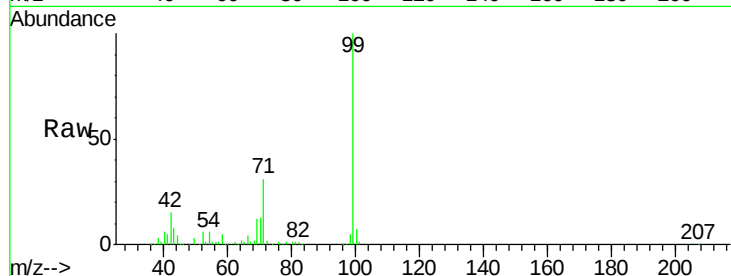
Tgt Ion: 99 Resp: 305452

Ion Ratio Lower Upper

99 100

42 15.1 11.0 16.4

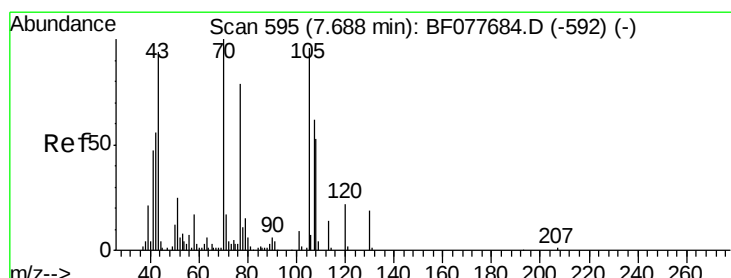
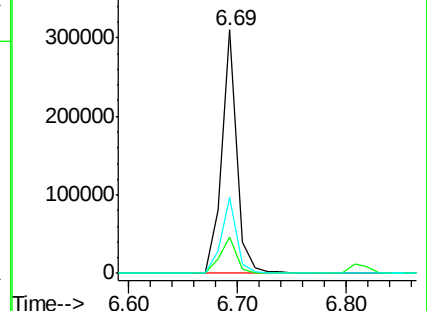
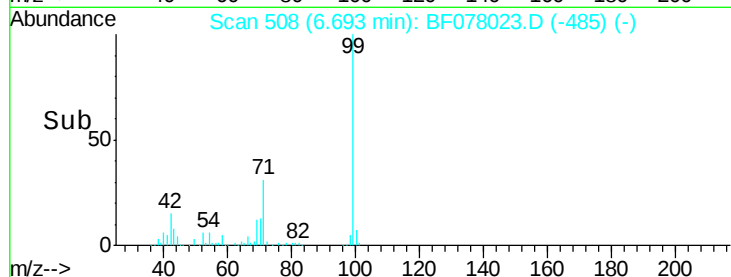
71 31.0 23.4 35.2



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



#19

n-Nitroso-di-n-propylamine

Concen: 12.85 ng

RT: 7.79 min Scan# 604

Delta R.T. 0.10 min

Lab File: BF078023.D

Acq: 27 Mar 2015 6:00

Tgt Ion: 70 Resp: 22458

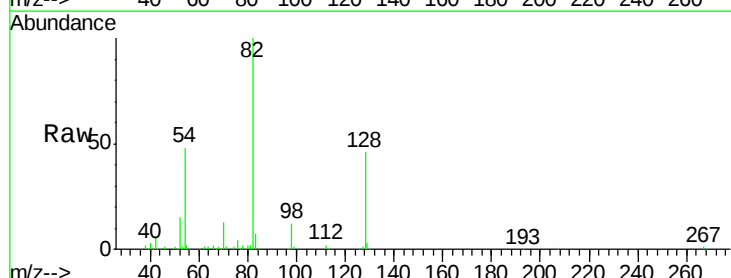
Ion Ratio Lower Upper

70 100

42 43.7 44.5 66.7#

101 0.0 7.4 11.2#

130 2.2 15.3 22.9#

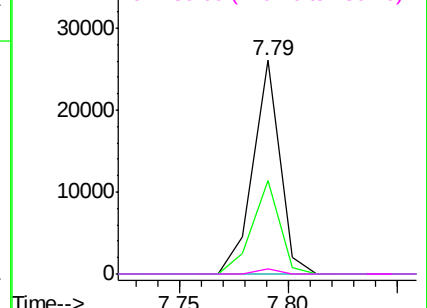
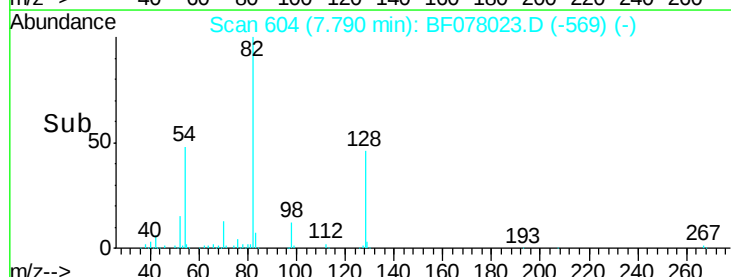


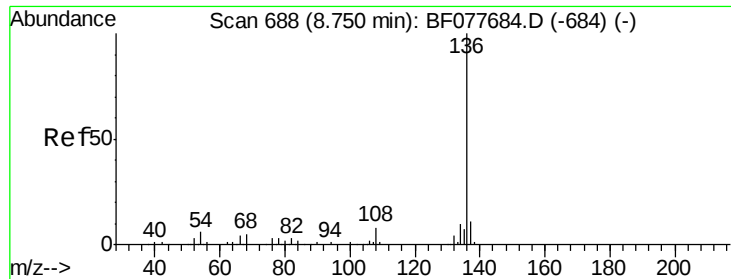
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

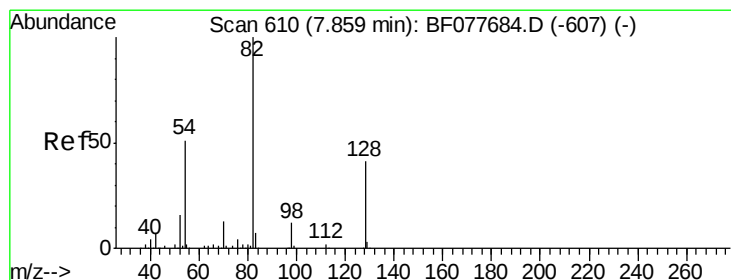
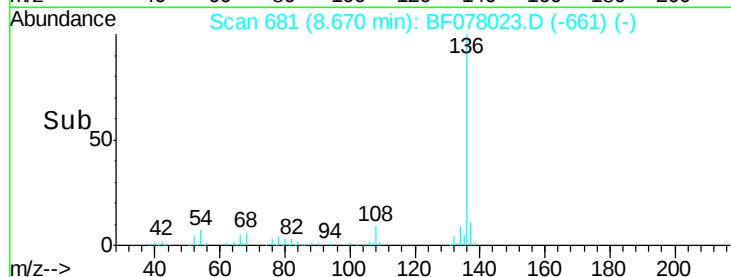
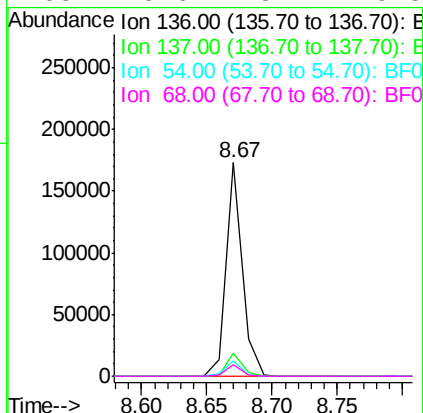
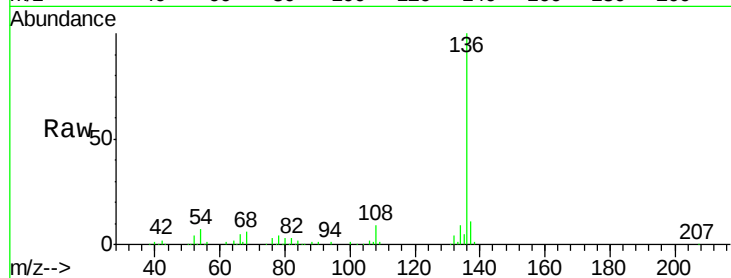




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.67 min Scan# 681
Delta R.T. -0.07 min
Lab File: BF078023.D
Acq: 27 Mar 2015 6:00

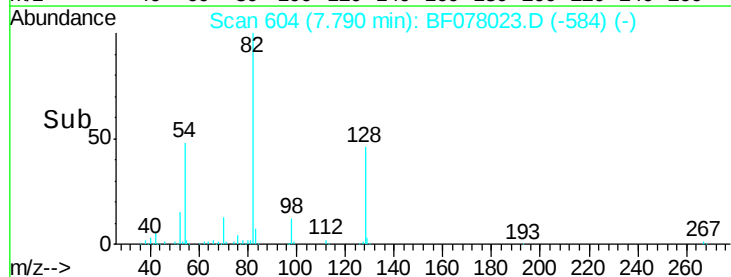
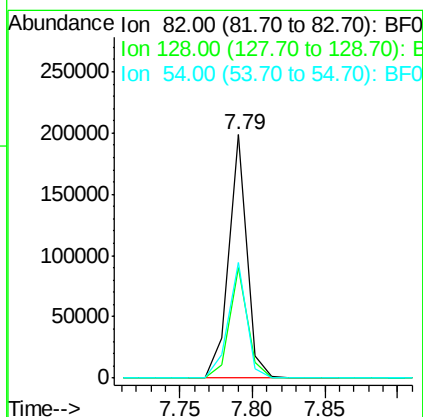
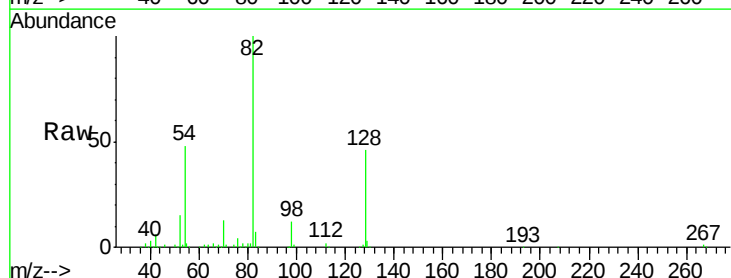
Instrument :
BNA_F
ClientSampleId :
FD11

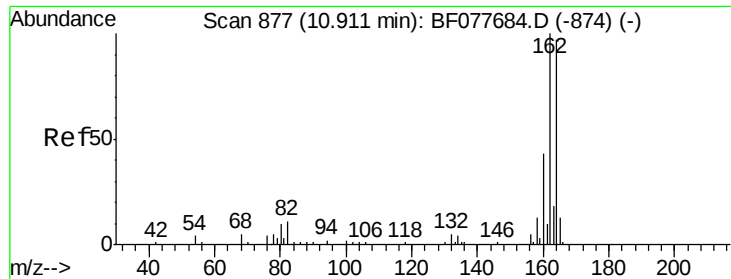
Tgt Ion:	136	Resp:	149941
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	7.5	4.6	6.8#
68	5.6	3.7	5.5#



#23
Nitrobenzene-d5
Concen: 75.69 ng
RT: 7.79 min Scan# 604
Delta R.T. -0.07 min
Lab File: BF078023.D
Acq: 27 Mar 2015 6:00

Tgt Ion:	82	Resp:	173128
Ion	Ratio	Lower	Upper
82	100		
128	45.6	32.8	49.2
54	47.5	40.6	60.8

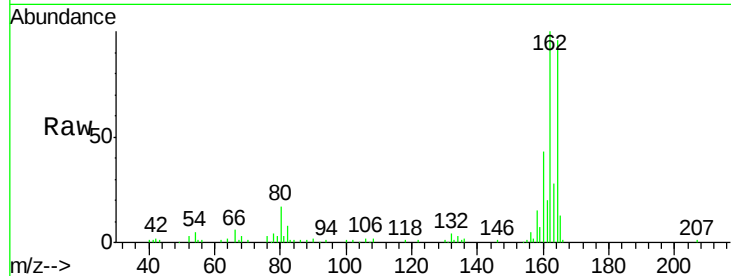




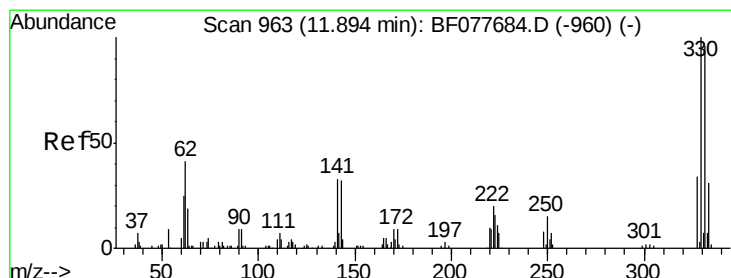
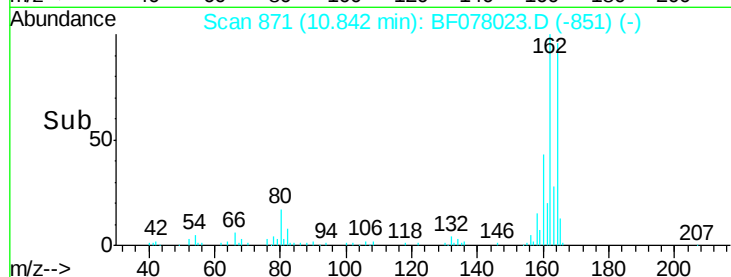
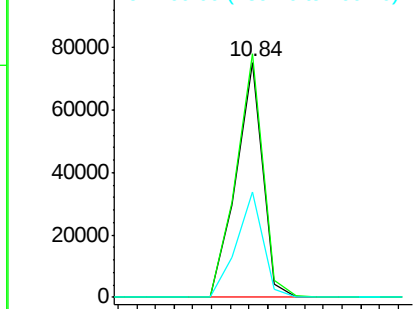
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.84 min Scan# 871
Delta R.T. -0.07 min
Lab File: BF078023.D
Acq: 27 Mar 2015 6:00

Instrument :
BNA_F
ClientSampleId :
FD11

Tgt Ion:164 Resp: 75019
Ion Ratio Lower Upper
164 100
162 103.7 82.4 123.6
160 44.6 35.8 53.6

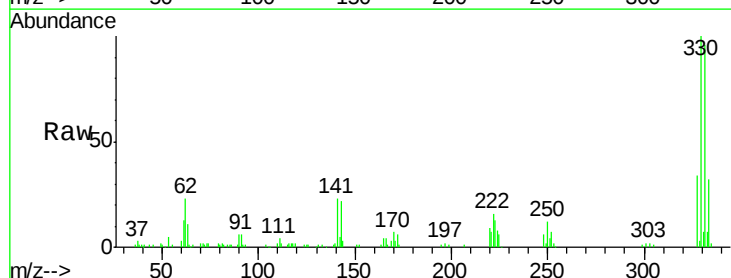


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

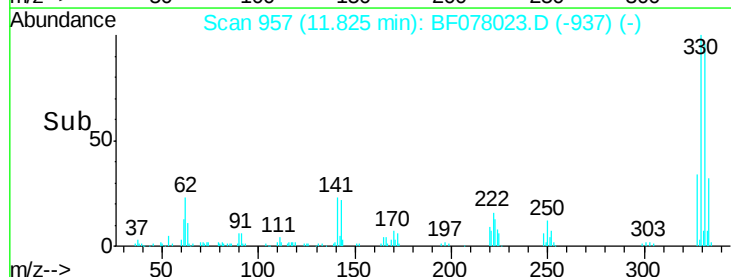
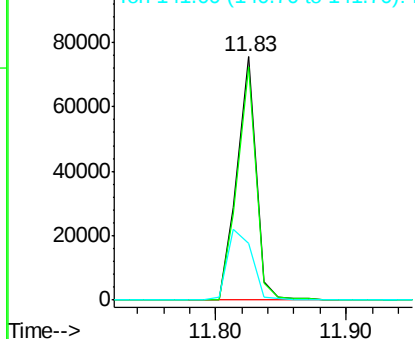


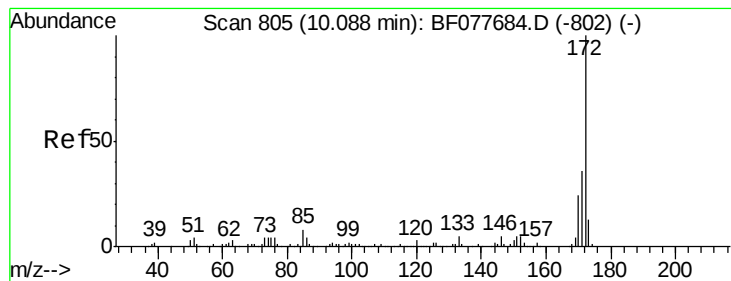
#41
2,4,6-Tribromophenol
Concen: 107.37 ng
RT: 11.83 min Scan# 957
Delta R.T. -0.07 min
Lab File: BF078023.D
Acq: 27 Mar 2015 6:00

Tgt Ion:330 Resp: 77068
Ion Ratio Lower Upper
330 100
332 95.1 0.0 0.0#
141 36.9 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

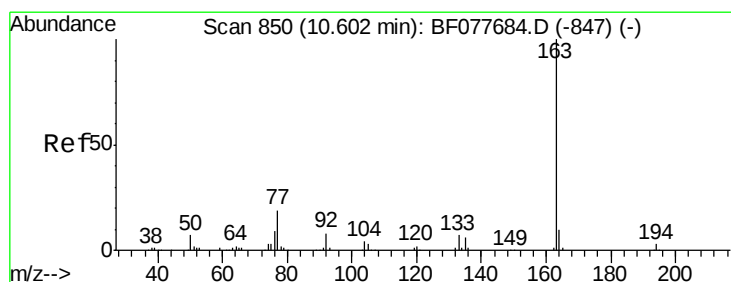
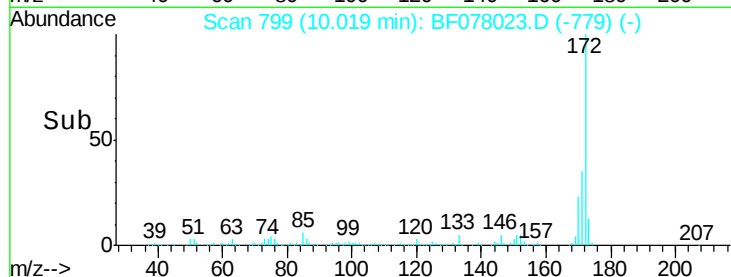
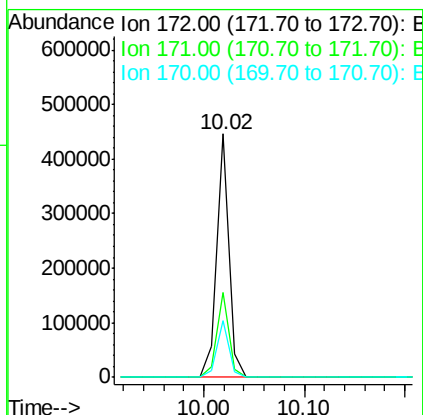
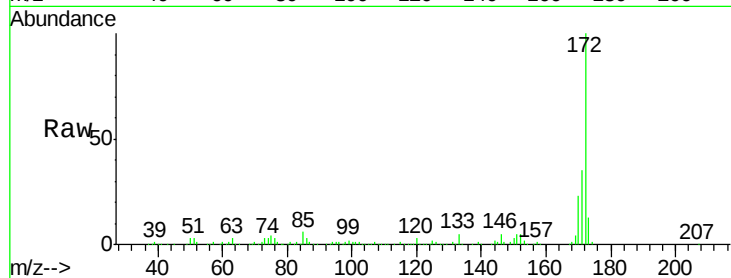




#44
 2-Fluorobiphenyl
 Concen: 73.94 ng
 RT: 10.02 min Scan# 799
 Delta R.T. -0.07 min
 Lab File: BF078023.D
 Acq: 27 Mar 2015 6:00

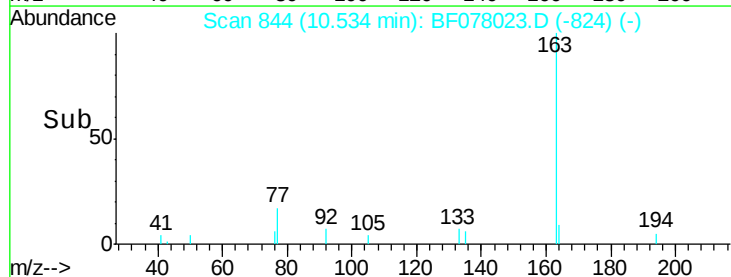
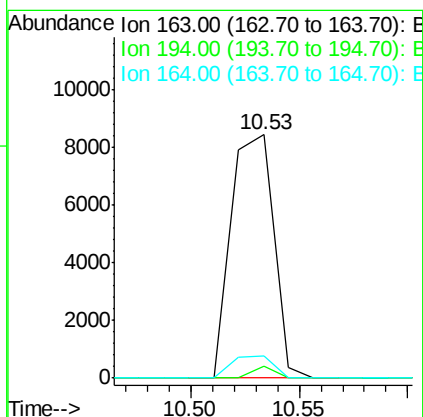
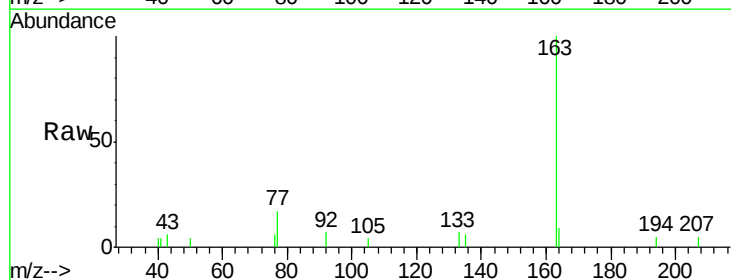
Instrument :
 BNA_F
 ClientSampleId :
 FD11

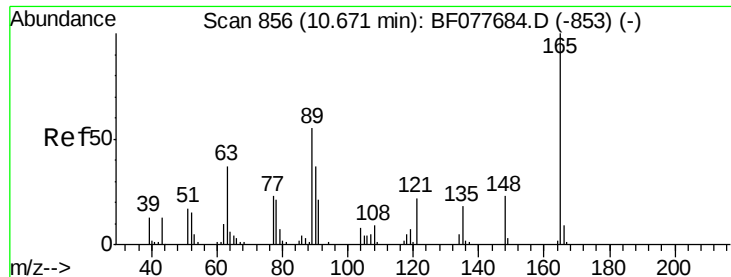
Tgt Ion:172 Resp: 377464
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.5 42.7
 170 23.3 18.8 28.2



#49
 Dimethylphthalate
 Concen: 2.06 ng
 RT: 10.53 min Scan# 844
 Delta R.T. -0.07 min
 Lab File: BF078023.D
 Acq: 27 Mar 2015 6:00

Tgt Ion:163 Resp: 11463
 Ion Ratio Lower Upper
 163 100
 194 5.1 2.7 4.1#
 164 9.1 8.2 12.2





#50

2,6-Dinitrotoluene

Concen: 8.66 ng

RT: 10.84 min Scan# 871

Delta R.T. 0.17 min

Lab File: BF078023.D

Acq: 27 Mar 2015 6:00

Instrument :

BNA_F

ClientSampleId :

FD11

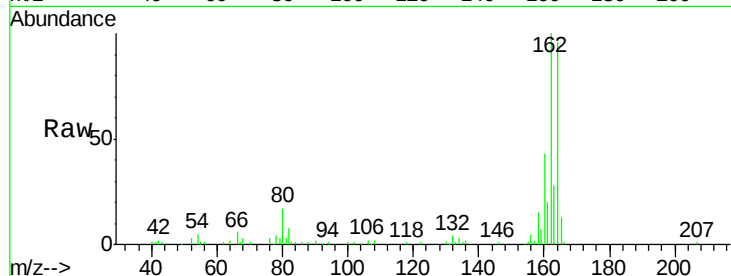
Tgt Ion:165 Resp: 9992

Ion Ratio Lower Upper

165 100

63 0.0 44.1 66.1#

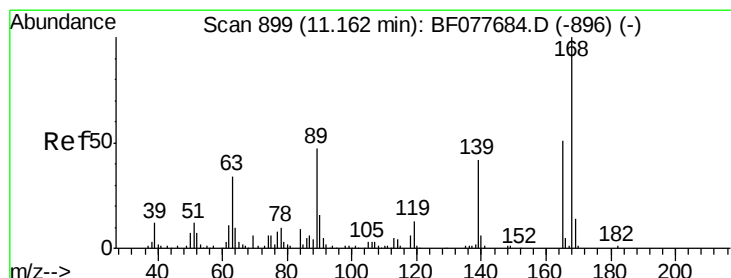
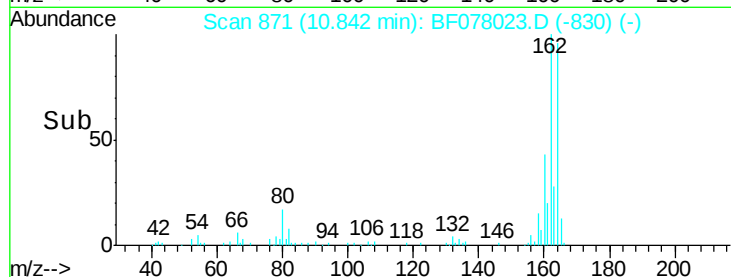
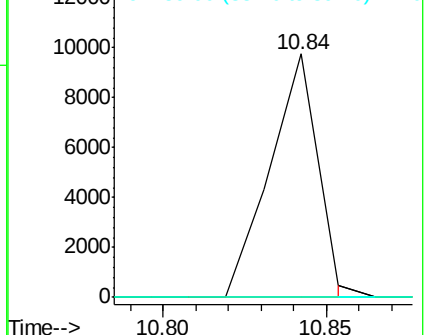
89 0.0 44.3 66.5#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56

2,4-Dinitrotoluene

Concen: 6.64 ng

RT: 10.84 min Scan# 871

Delta R.T. -0.32 min

Lab File: BF078023.D

Acq: 27 Mar 2015 6:00

Tgt Ion:165 Resp: 9993

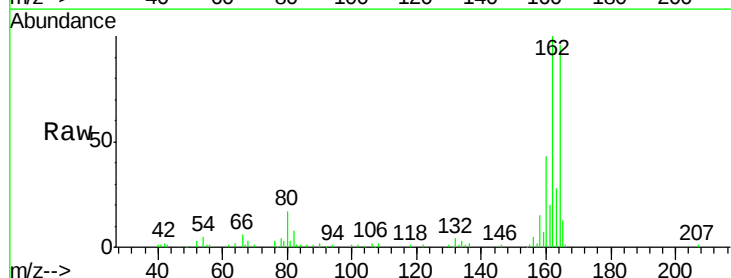
Ion Ratio Lower Upper

165 100

63 0.0 52.4 78.6#

89 0.0 72.4 108.6#

182 0.0 2.0 3.0#

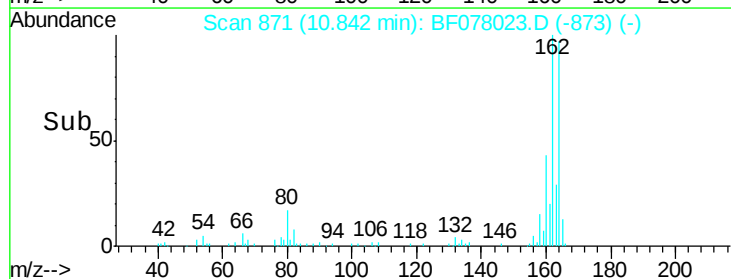
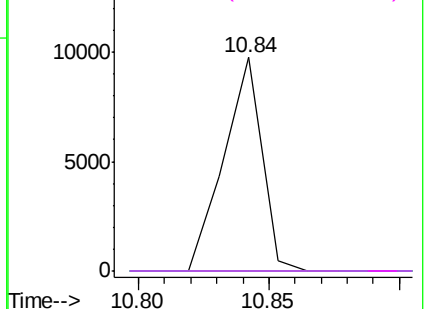


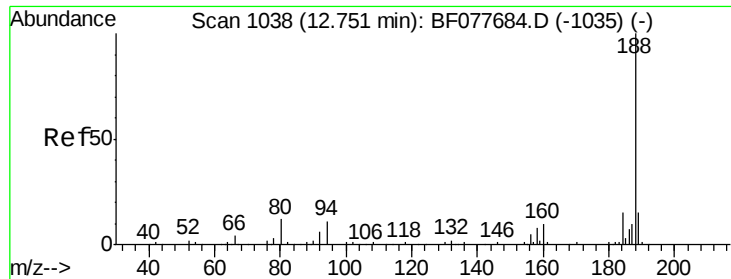
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.67 min Scan# 1031

Delta R.T. -0.08 min

Lab File: BF078023.D

Acq: 27 Mar 2015 6:00

Instrument :

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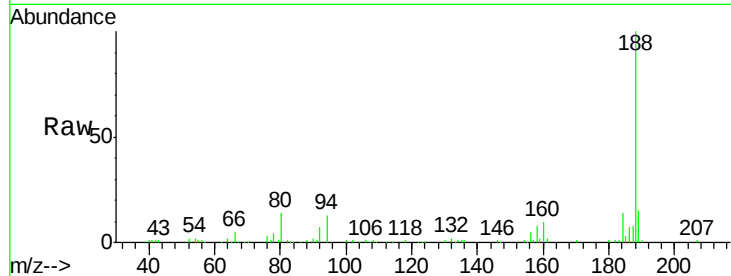
Tgt Ion:188 Resp: 151102

Ion Ratio Lower Upper

188 100

94 13.2 8.7 13.1#

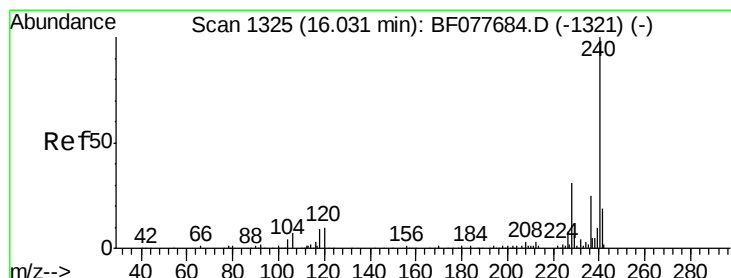
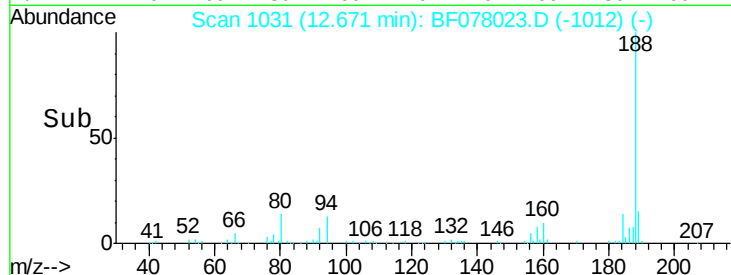
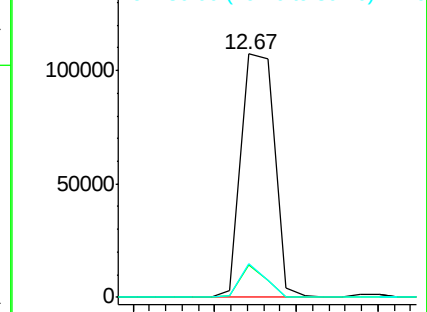
80 13.8 9.3 13.9



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.96 min Scan# 1319

Delta R.T. -0.17 min

Lab File: BF078023.D

Acq: 27 Mar 2015 6:00

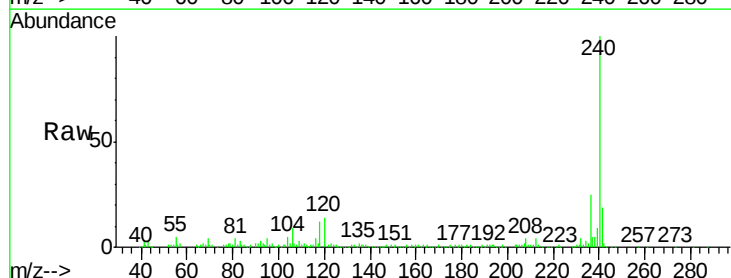
Tgt Ion:240 Resp: 158427

Ion Ratio Lower Upper

240 100

120 13.7 8.2 12.2#

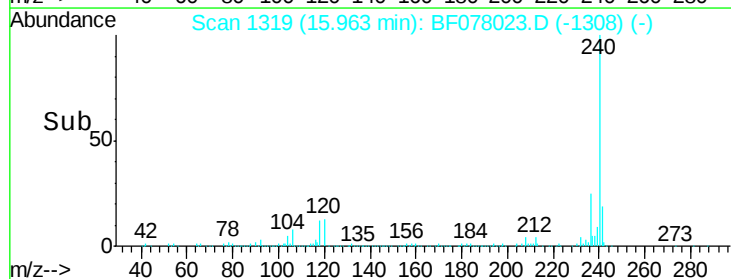
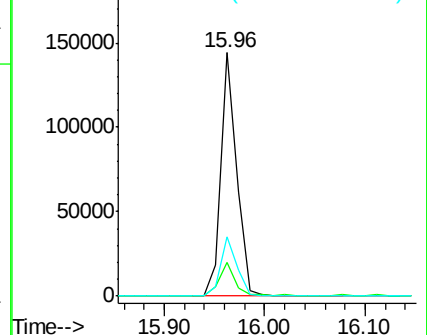
236 24.5 20.0 30.0

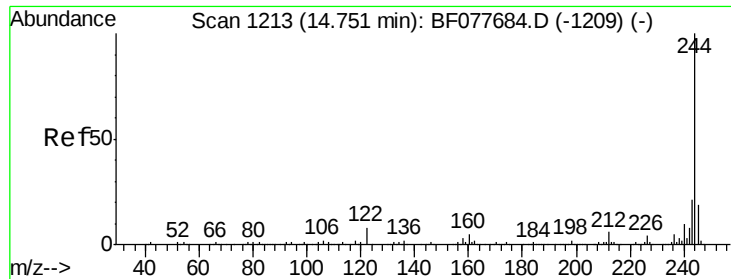


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

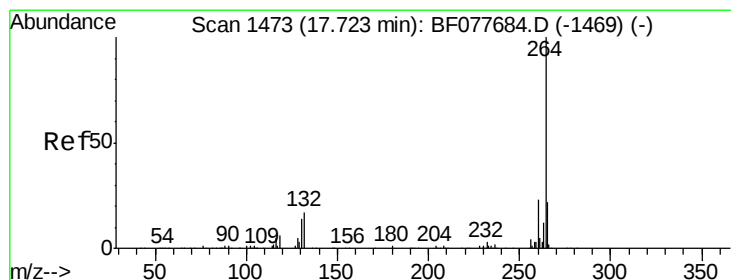
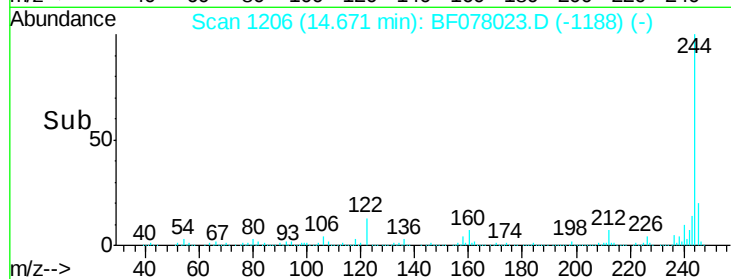
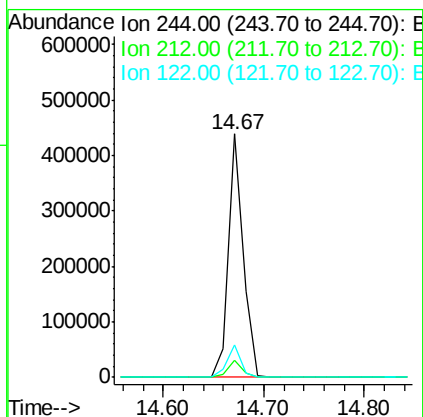
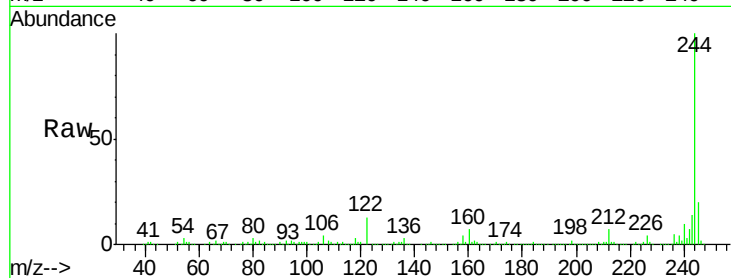




#78
 Terphenyl-d14
 Concen: 68.92 ng
 RT: 14.67 min Scan# 1206
 Delta R.T. -0.09 min
 Lab File: BF078023.D
 Acq: 27 Mar 2015 6:00

Instrument :
 BNA_F
 ClientSampleId :
 FD11

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	4.9	7.3
122	13.2	6.2	9.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.73 min Scan# 1474
 Delta R.T. -0.37 min
 Lab File: BF078023.D
 Acq: 27 Mar 2015 6:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.6	27.8
265	21.9	17.3	25.9

