

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032615\
 Data File : BF078014.D
 Acq On : 27 Mar 2015 1:41
 Operator : TP/IZ
 Sample : G1653-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB21

Quant Time: Mar 27 05:55:27 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 05:57:29 2015
 Response via : Initial Calibration

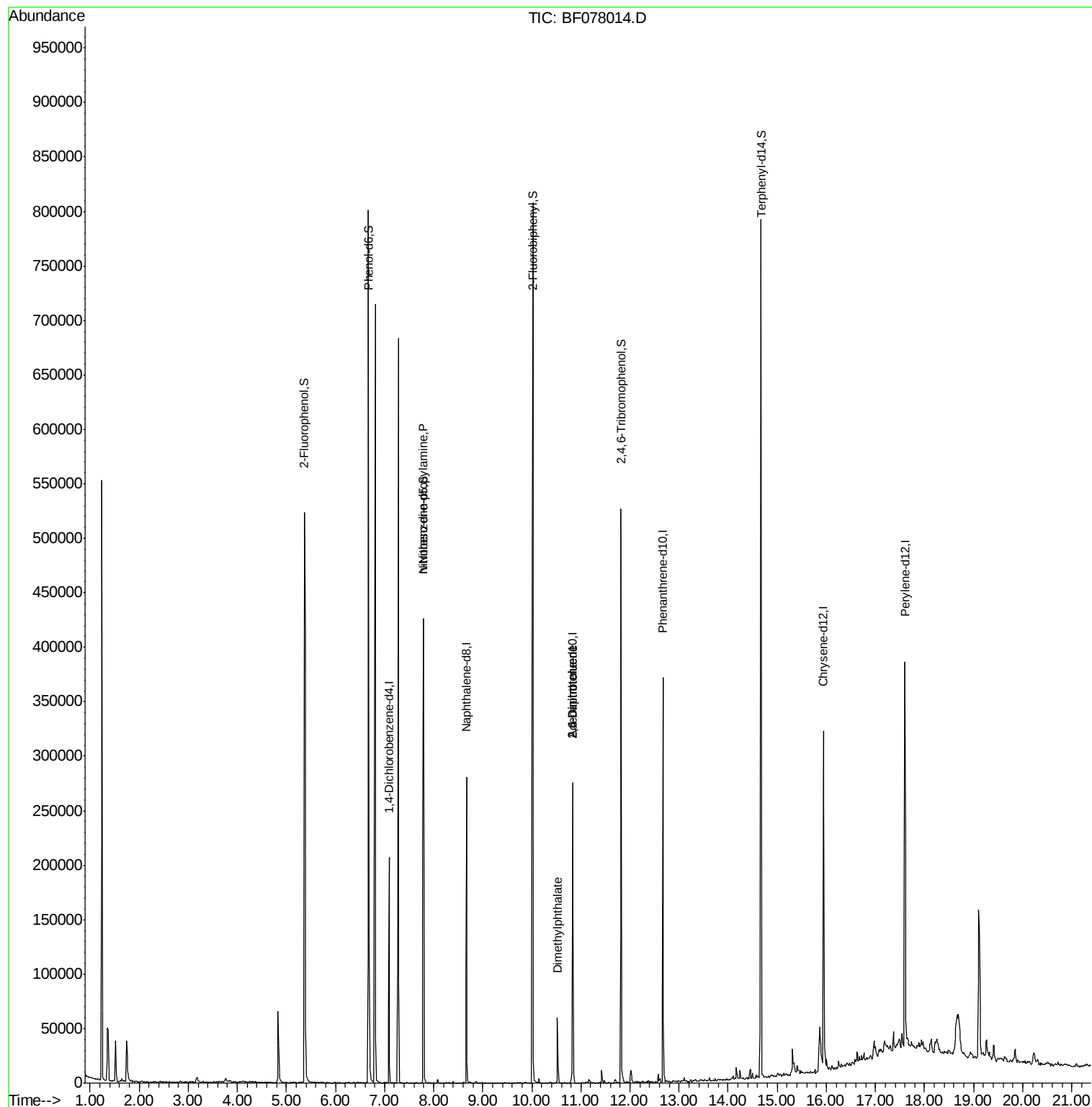
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	36005	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	145713	20.00	ng	0.00
38) Acenaphthene-d10	10.83	164	71199	20.00	ng	-0.01
63) Phenanthrene-d10	12.67	188	146624	20.00	ng	0.00
75) Chrysene-d12	15.94	240	151809	20.00	ng	-0.01
86) Perylene-d12	17.60	264	156788	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	219613	106.47	ng	0.00
7) Phenol-d6	6.67	99	289502	113.60	ng	0.00
23) Nitrobenzene-d5	7.79	82	162441	73.08	ng	0.00
41) 2,4,6-Tribromophenol	11.81	330	65363	95.95	ng	-0.01
44) 2-Fluorobiphenyl	10.02	172	334725	69.09	ng	0.00
78) Terphenyl-d14	14.67	244	393533	63.32	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.79	70	19835	11.25	ng	# 78
49) Dimethylphthalate	10.52	163	28260	5.35	ng	100
50) 2,6-Dinitrotoluene	10.83	165	8632	7.89	ng	# 24
56) 2,4-Dinitrotoluene	10.83	165	8633	6.05	ng	# 11

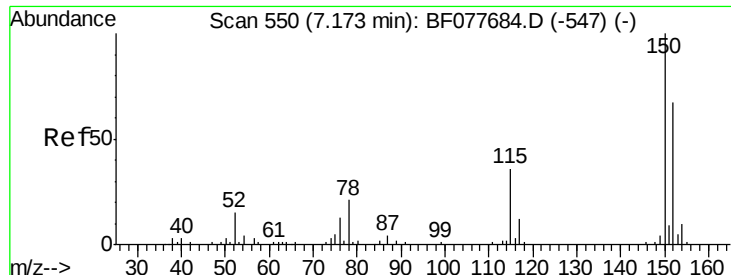
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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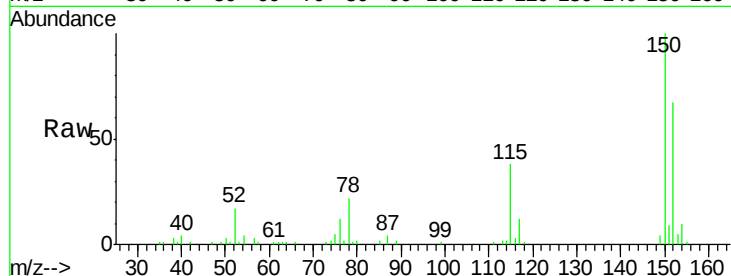




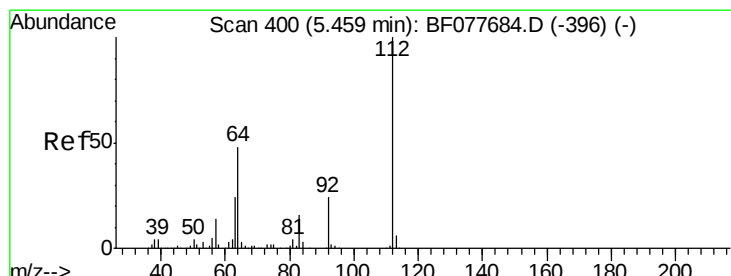
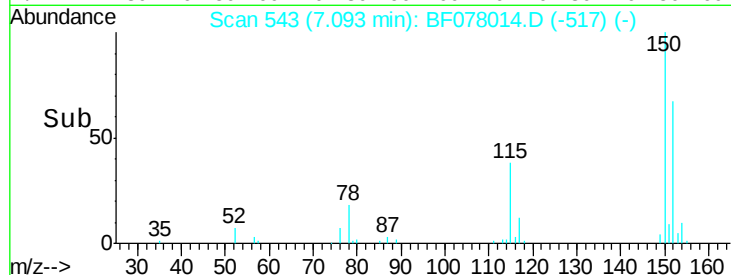
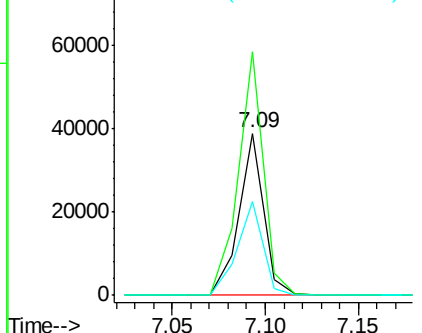
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.09 min Scan# 543
 Delta R.T. 0.00 min
 Lab File: BF078014.D
 Acq: 27 Mar 2015 1:41

Instrument :
 BNA_F
 ClientSampleId :
 SB21

Tgt Ion:152 Resp: 36005
 Ion Ratio Lower Upper
 152 100
 150 150.2 119.5 179.3
 115 57.7 43.0 64.4

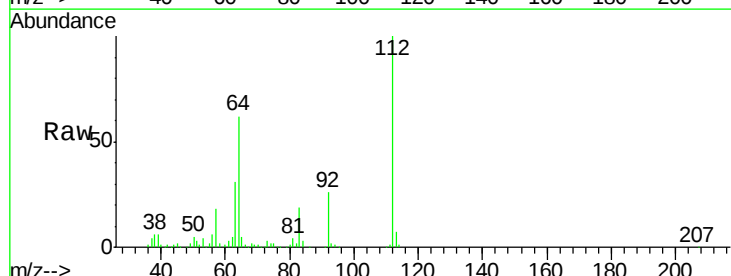


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

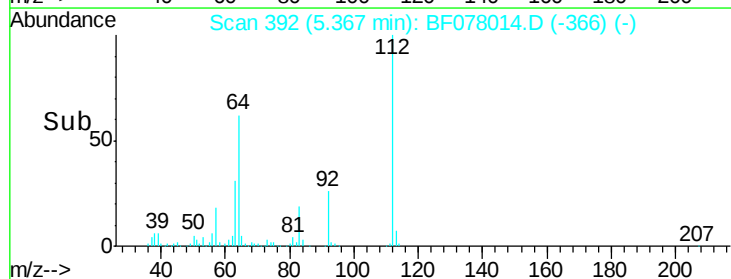
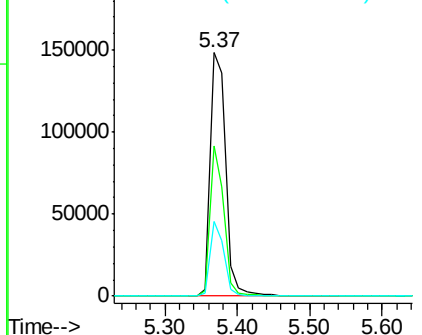


#5
 2-Fluorophenol
 Concen: 106.47 ng
 RT: 5.37 min Scan# 392
 Delta R.T. 0.00 min
 Lab File: BF078014.D
 Acq: 27 Mar 2015 1:41

Tgt Ion:112 Resp: 219613
 Ion Ratio Lower Upper
 112 100
 64 61.7 38.6 57.8#
 63 30.9 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: 113.60 ng

RT: 6.67 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF078014.D

Acq: 27 Mar 2015 1:41

Instrument :

BNA_F

ClientSampleId :

SB21

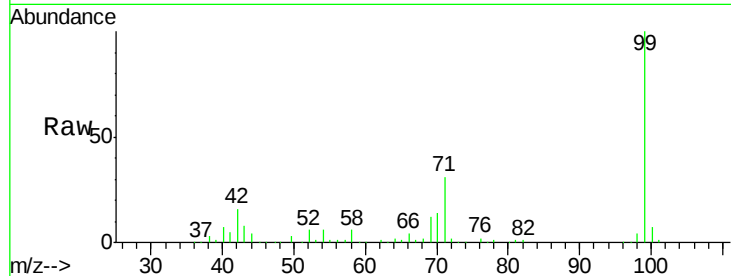
Tgt Ion: 99 Resp: 289502

Ion Ratio Lower Upper

99 100

42 15.7 11.0 16.4

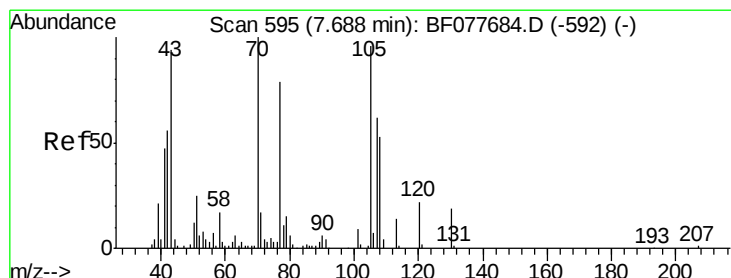
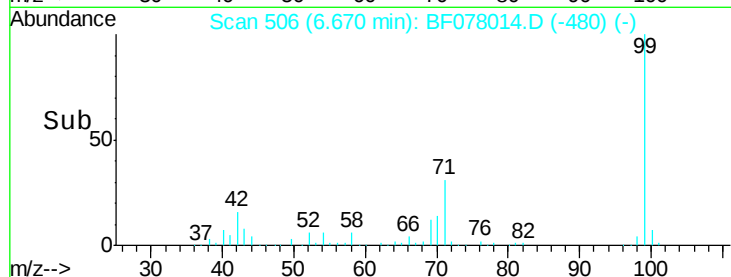
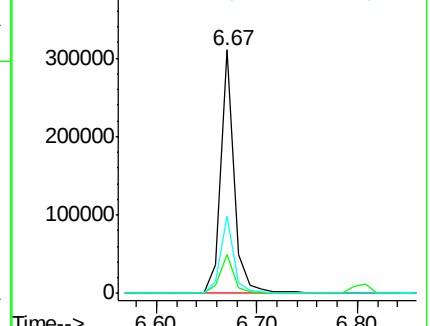
71 31.5 23.4 35.2



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: 11.25 ng

RT: 7.79 min Scan# 604

Delta R.T. 0.17 min

Lab File: BF078014.D

Acq: 27 Mar 2015 1:41

Tgt Ion: 70 Resp: 19835

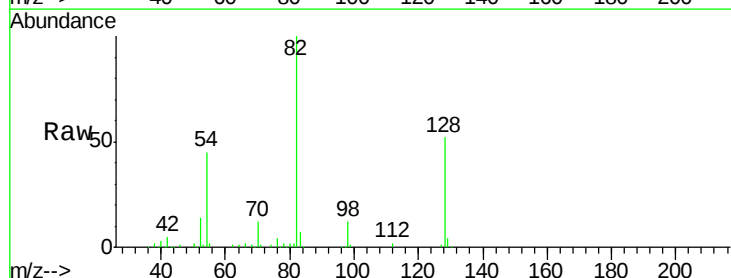
Ion Ratio Lower Upper

70 100

42 43.8 44.5 66.7#

101 0.0 7.4 11.2#

130 2.5 15.3 22.9#

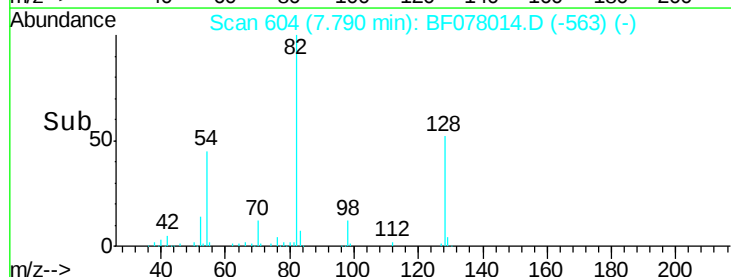
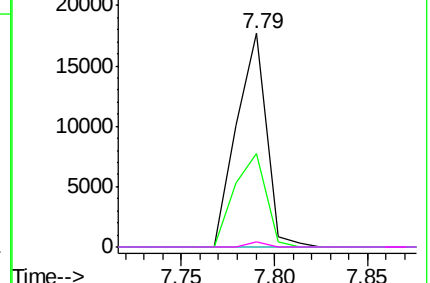


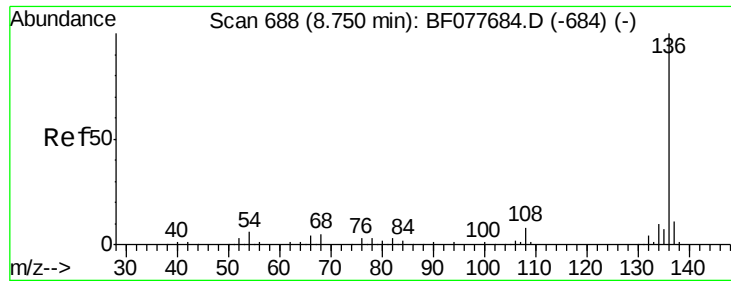
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

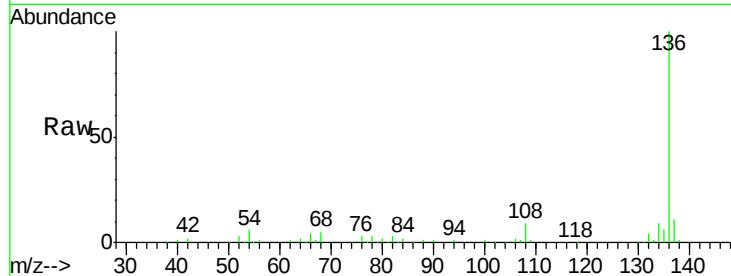




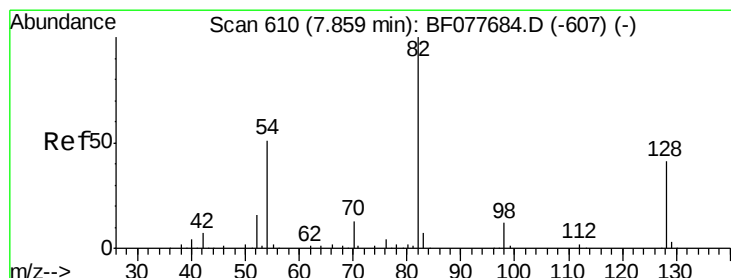
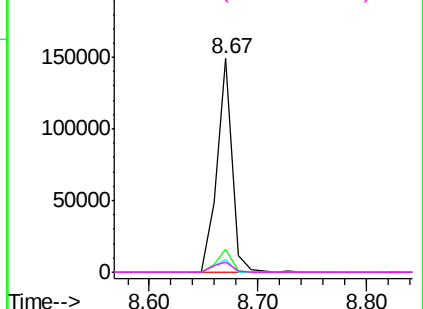
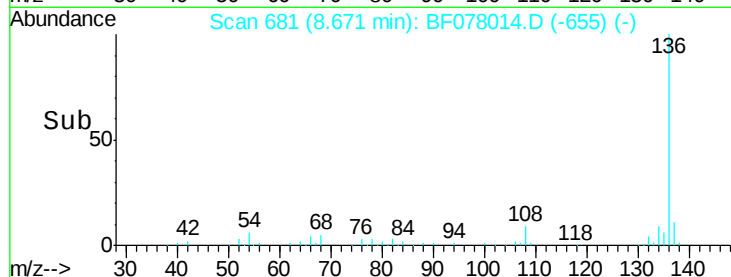
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.67 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF078014.D
Acq: 27 Mar 2015 1:41

Instrument :
BNA_F
ClientSampleId :
SB21

Tgt Ion: 136 Resp: 145713
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 6.1 4.6 6.8
68 4.7 3.7 5.5

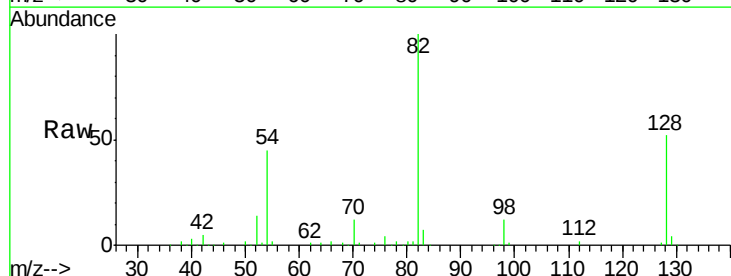


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

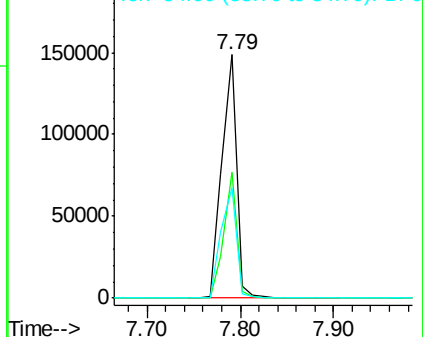
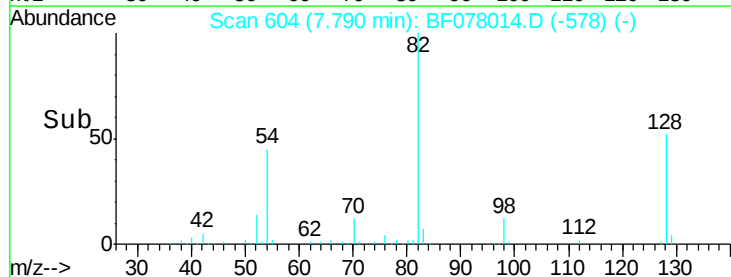


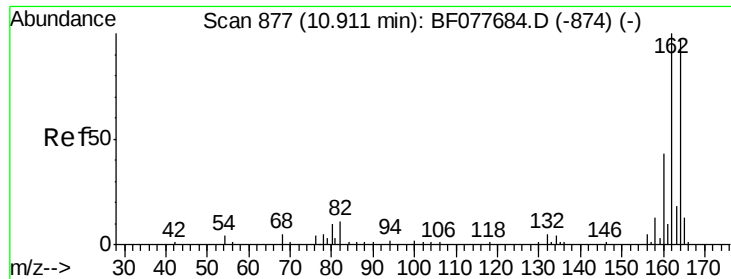
#23
Nitrobenzene-d5
Concen: 73.08 ng
RT: 7.79 min Scan# 604
Delta R.T. 0.00 min
Lab File: BF078014.D
Acq: 27 Mar 2015 1:41

Tgt Ion: 82 Resp: 162441
Ion Ratio Lower Upper
82 100
128 51.6 32.8 49.2#
54 45.2 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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.83 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF078014.D

Acq: 27 Mar 2015 1:41

Instrument :

BNA_F

ClientSampleId :

SB21

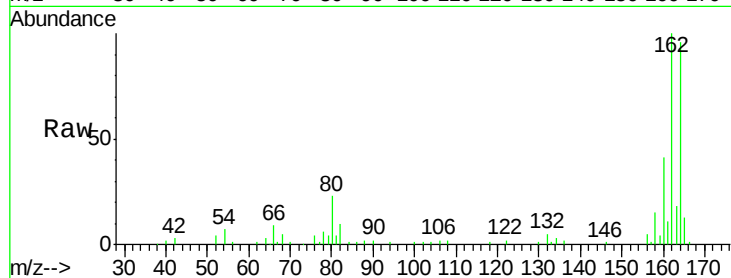
Tgt Ion:164 Resp: 71199

Ion Ratio Lower Upper

164 100

162 103.8 82.4 123.6

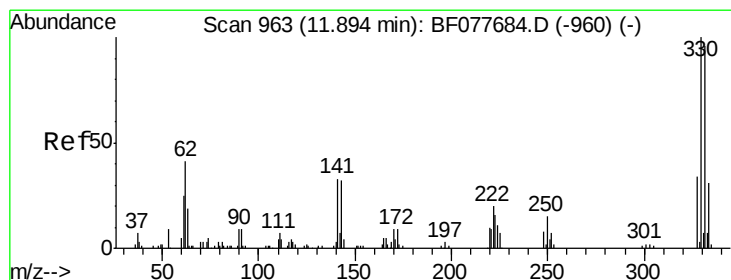
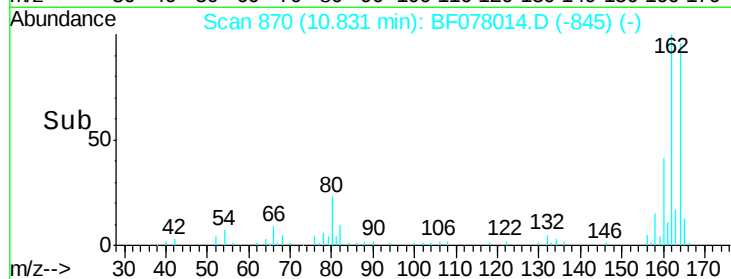
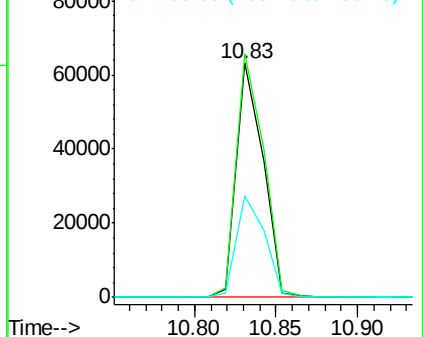
160 43.0 35.8 53.6



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: 95.95 ng

RT: 11.81 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF078014.D

Acq: 27 Mar 2015 1:41

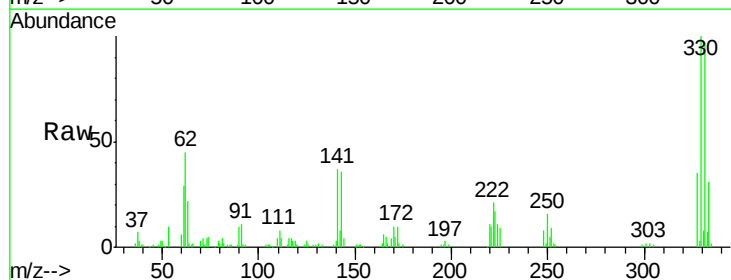
Tgt Ion:330 Resp: 65363

Ion Ratio Lower Upper

330 100

332 96.5 0.0 0.0#

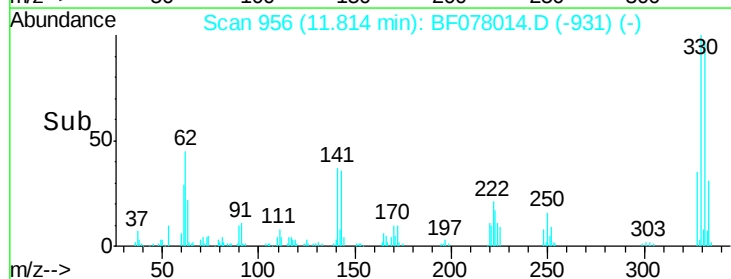
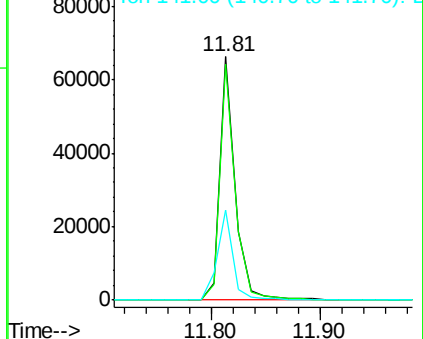
141 38.3 0.0 0.0#

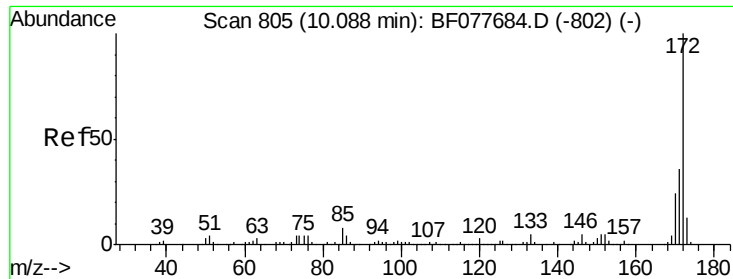


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

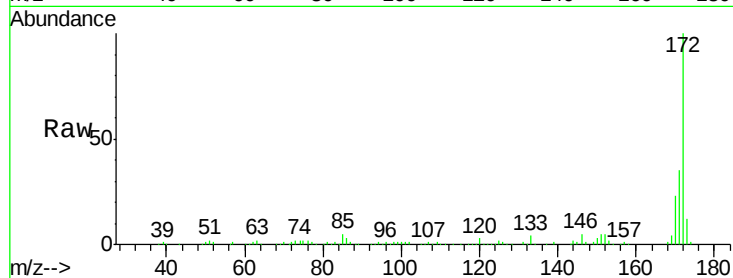




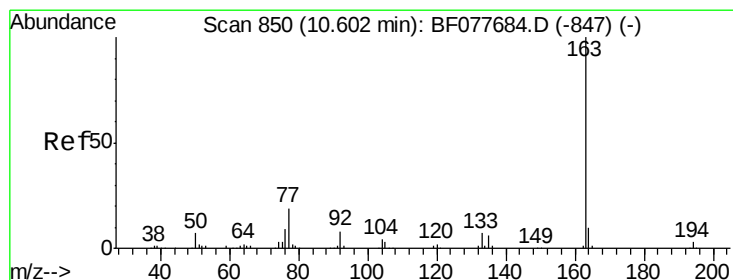
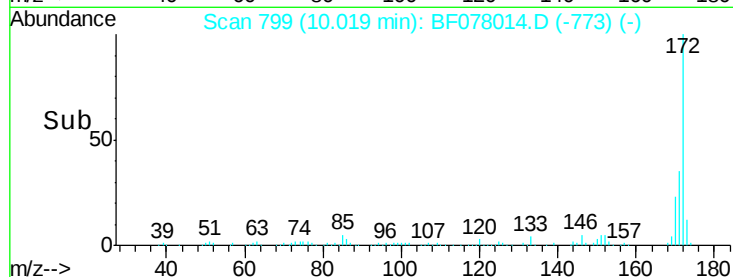
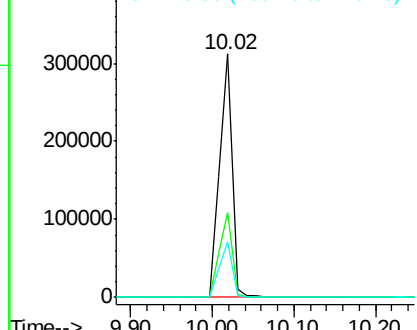
#44
 2-Fluorobiphenyl
 Concen: 69.09 ng
 RT: 10.02 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF078014.D
 Acq: 27 Mar 2015 1:41

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 SB21

Tgt Ion:172 Resp: 334725
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.5 42.7
 170 23.0 18.8 28.2

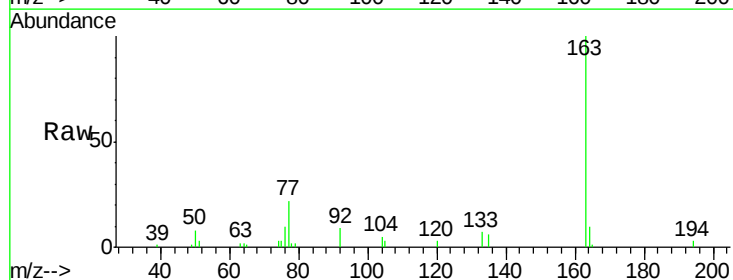


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

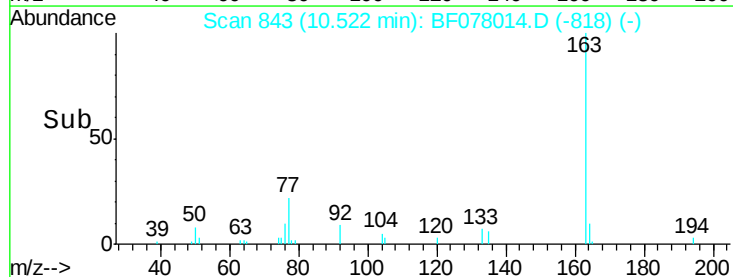
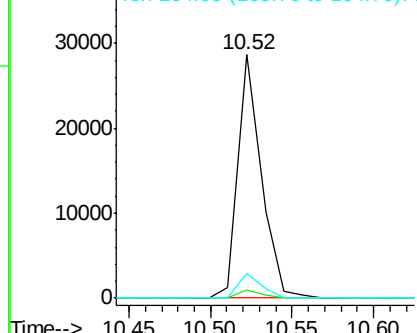


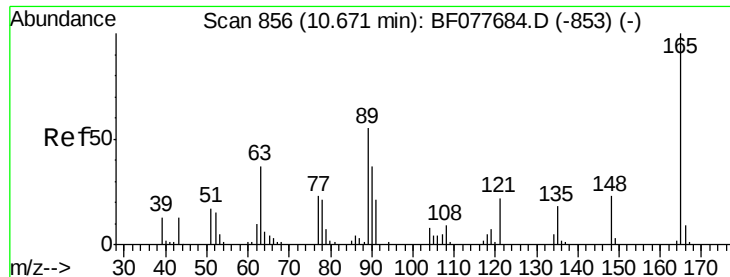
#49
 Dimethylphthalate
 Concen: 5.35 ng
 RT: 10.52 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BF078014.D
 Acq: 27 Mar 2015 1:41

Tgt Ion:163 Resp: 28260
 Ion Ratio Lower Upper
 163 100
 194 3.4 2.7 4.1
 164 10.4 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

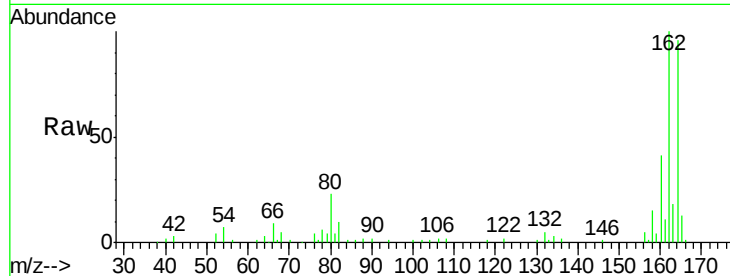




#50
 2,6-Dinitrotoluene
 Concen: 7.89 ng
 RT: 10.83 min Scan# 870
 Delta R.T. 0.23 min
 Lab File: BF078014.D
 Acq: 27 Mar 2015 1:41

Instrument :
 BNA_F
 ClientSampled :
 SB21

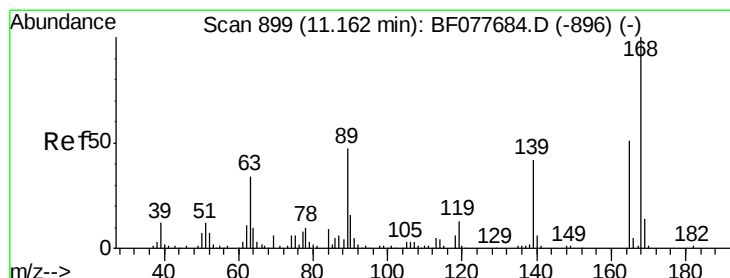
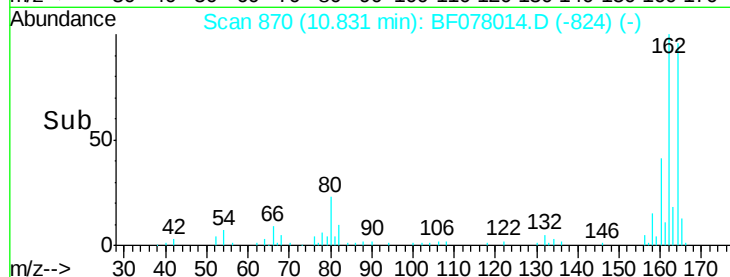
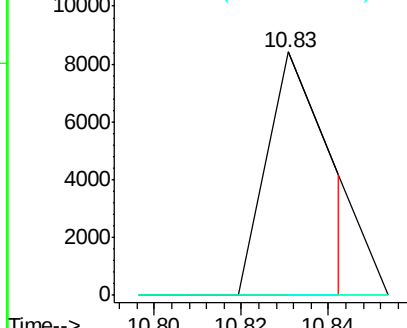
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.1	66.1#
89	0.0	44.3	66.5#



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: 6.05 ng
 RT: 10.83 min Scan# 870
 Delta R.T. -0.26 min
 Lab File: BF078014.D
 Acq: 27 Mar 2015 1:41

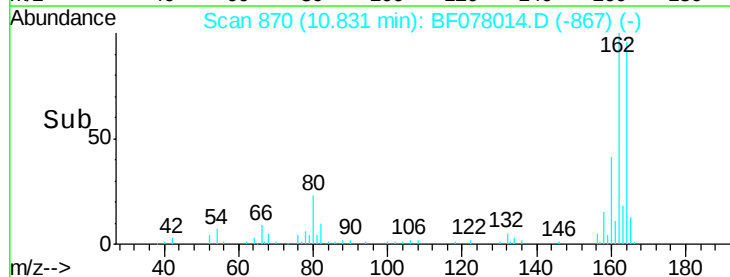
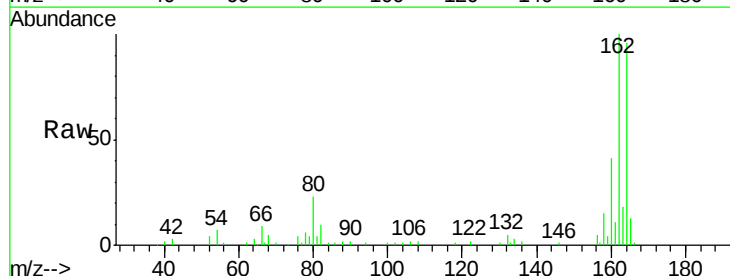
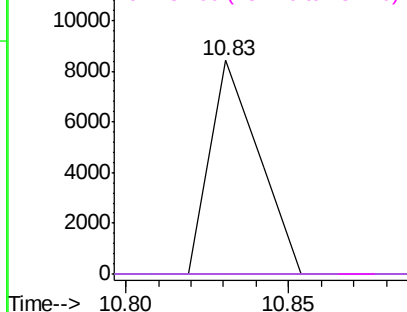
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.4	78.6#
89	0.0	72.4	108.6#
182	0.0	2.0	3.0#

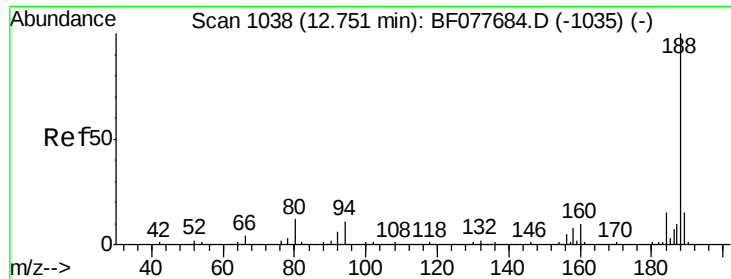
Abundance Ion 165.00 (164.70 to 165.70): E

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

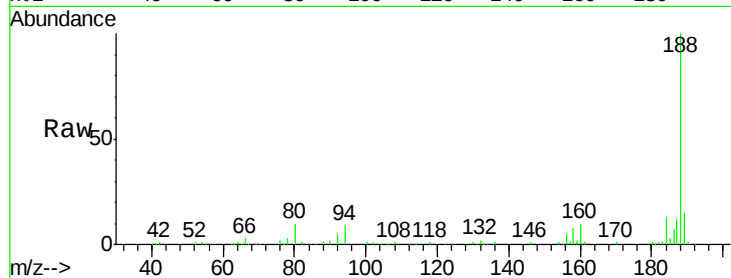




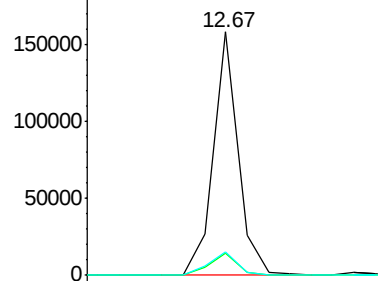
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.67 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF078014.D
Acq: 27 Mar 2015 1:41

Instrument :
BNA_F
ClientSampleId :
SB21

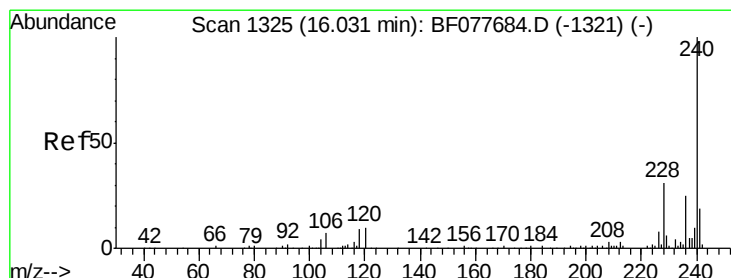
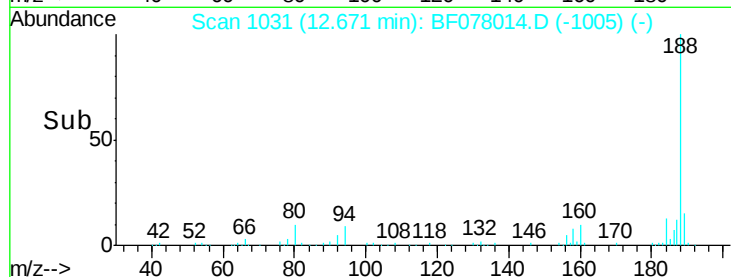
Tgt Ion:188 Resp: 146624
Ion Ratio Lower Upper
188 100
94 9.2 8.7 13.1
80 9.6 9.3 13.9



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

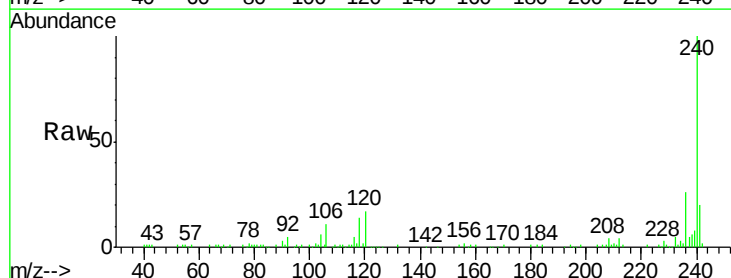


Time--> 12.60 12.65 12.70

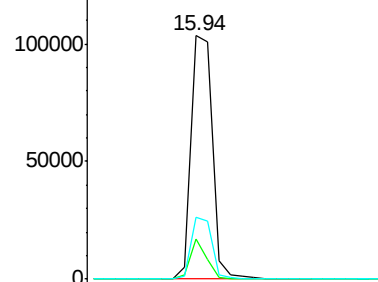


#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.94 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF078014.D
Acq: 27 Mar 2015 1:41

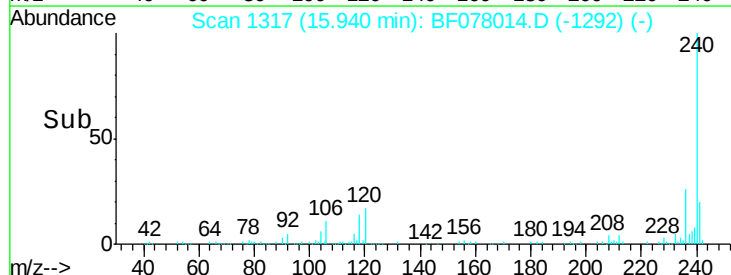
Tgt Ion:240 Resp: 151809
Ion Ratio Lower Upper
240 100
120 16.7 8.2 12.2#
236 25.6 20.0 30.0

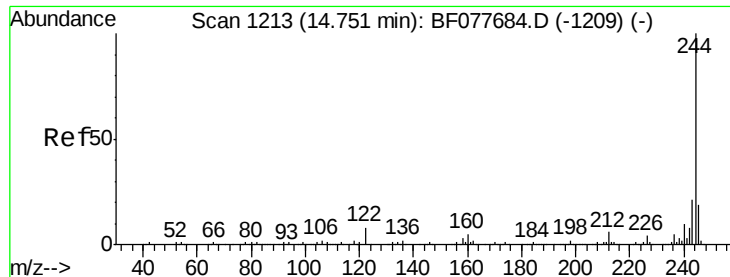


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time--> 15.90 16.00 16.10

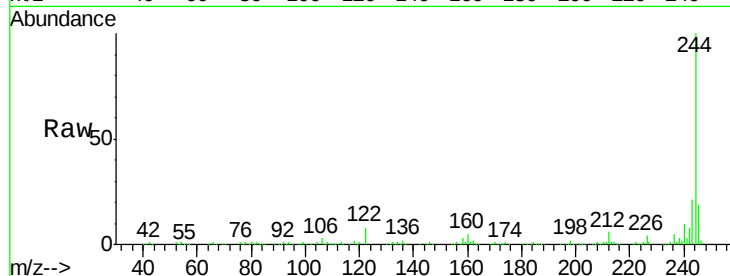




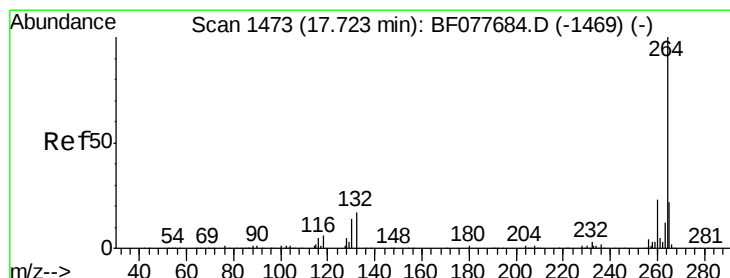
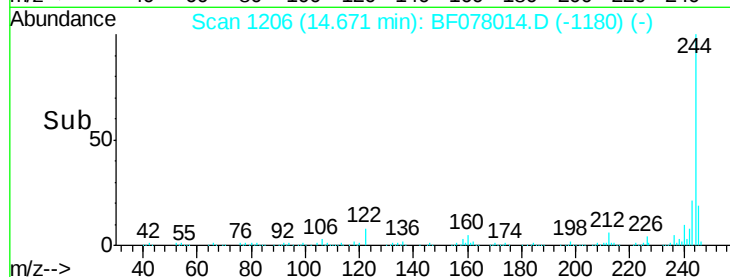
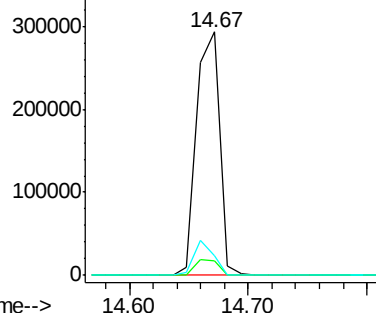
#78
 Terphenyl-d14
 Concen: 63.32 ng
 RT: 14.67 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BF078014.D
 Acq: 27 Mar 2015 1:41

Instrument :
 BNA_F
 ClientSampleId :
 SB21

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.0	4.9	7.3
122	7.8	6.2	9.4

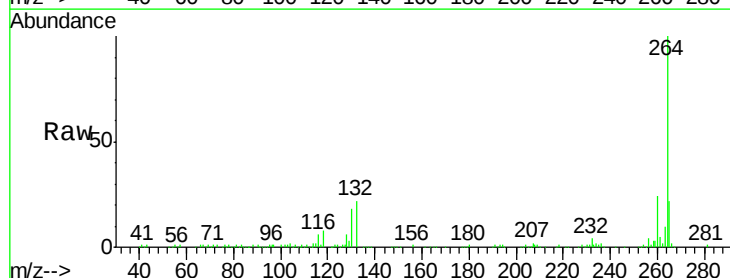


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.60 min Scan# 1462
 Delta R.T. -0.03 min
 Lab File: BF078014.D
 Acq: 27 Mar 2015 1:41

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.6	27.8
265	21.6	17.3	25.9



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

