

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031815\
 Data File : BF077823.D
 Acq On : 19 Mar 2015 6:10
 Operator : TP/IZ
 Sample : G1544-07
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-12(4-6)

Quant Time: Mar 19 07:22:42 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 04:21:27 2015
 Response via : Initial Calibration

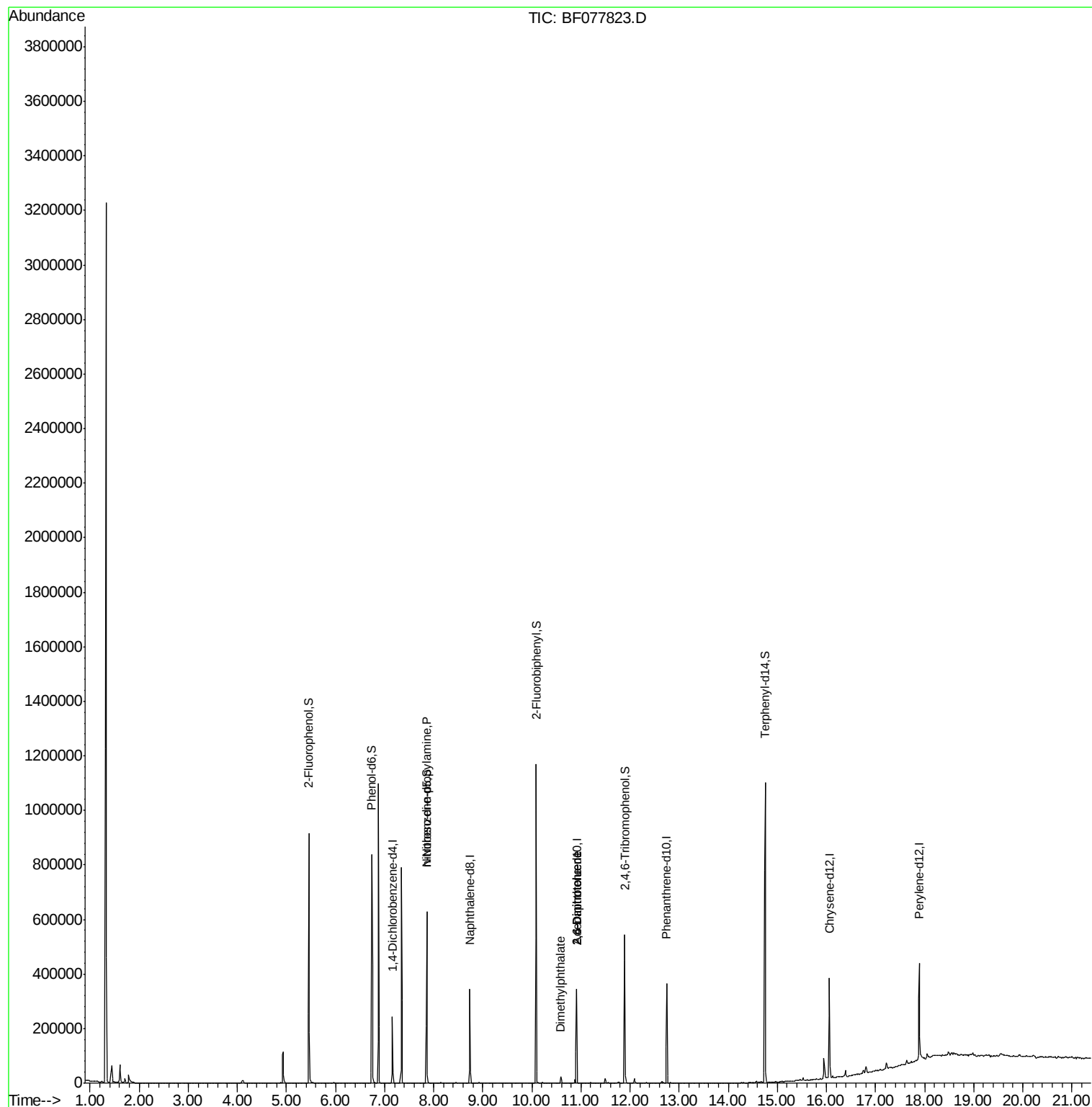
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.16	152	38775	20.00	ng	0.00
21) Naphthalene-d8	8.74	136	156311	20.00	ng	0.00
38) Acenaphthene-d10	10.91	164	76701	20.00	ng	0.00
63) Phenanthrene-d10	12.75	188	151561	20.00	ng	0.01
75) Chrysene-d12	16.07	240	172450	20.00	ng	0.03
86) Perylene-d12	17.89	264	170712	20.00	ng	0.15
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	293720	132.22	ng	0.02
7) Phenol-d6	6.74	99	359408	130.95	ng	0.01
23) Nitrobenzene-d5	7.86	82	213377	89.48	ng	0.00
41) 2,4,6-Tribromophenol	11.89	330	88535	120.64	ng	0.01
44) 2-Fluorobiphenyl	10.09	172	436095	83.56	ng	0.00
78) Terphenyl-d14	14.75	244	486541	68.92	ng	0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.86	70	26030	13.71	ng	# 82
49) Dimethylphthalate	10.59	163	12128	2.13	ng	# 98
50) 2,6-Dinitrotoluene	10.91	165	9589	8.13	ng	# 24
56) 2,4-Dinitrotoluene	10.91	165	9590	6.24	ng	# 11
76) Benzidine	14.44	184	1422	Below Cal		# 68

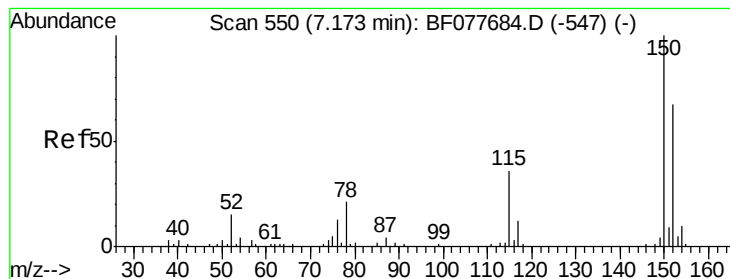
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031815\
Data File : BF077823.D
Acq On : 19 Mar 2015 6:10
Operator : TP/IZ
Sample : G1544-07
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-12(4-6)

Quant Time: Mar 19 07:22:42 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 04:21:27 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.16 min Scan# 549

Delta R.T. -0.00 min

Lab File: BF077823.D

Acq: 19 Mar 2015 6:10

Instrument :

BNA_F

ClientSampleId :

SB-12(4-6)

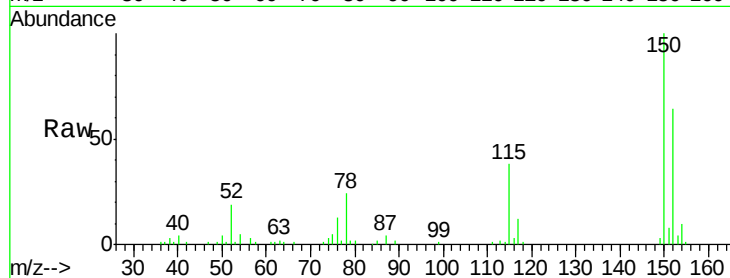
Tgt Ion:152 Resp: 38775

Ion Ratio Lower Upper

152 100

150 156.6 119.5 179.3

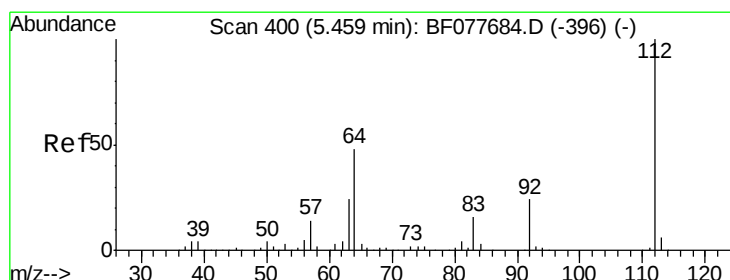
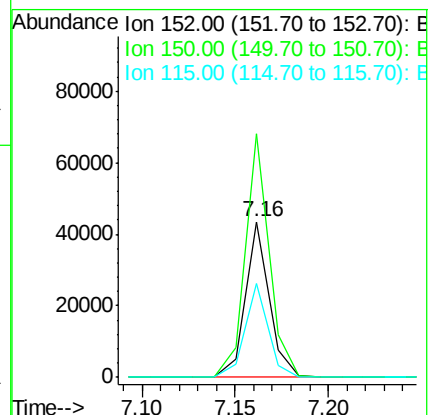
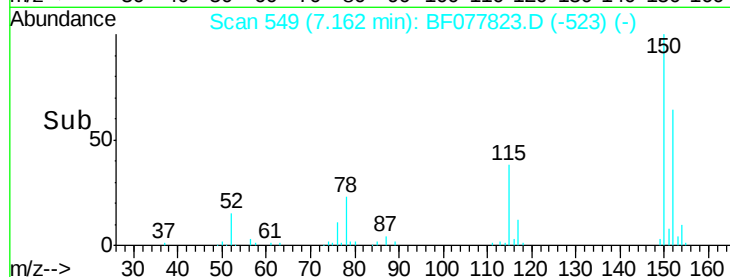
115 60.1 43.0 64.4



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: 132.22 ng

RT: 5.46 min Scan# 400

Delta R.T. 0.02 min

Lab File: BF077823.D

Acq: 19 Mar 2015 6:10

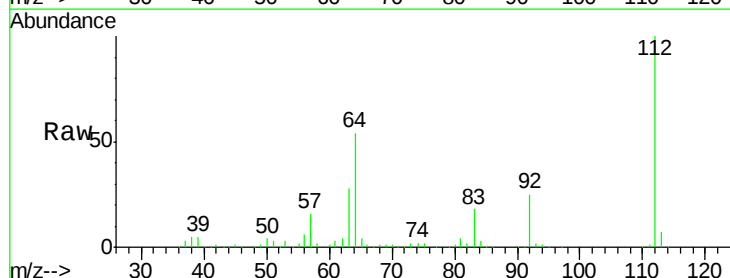
Tgt Ion:112 Resp: 293720

Ion Ratio Lower Upper

112 100

64 54.1 38.6 57.8

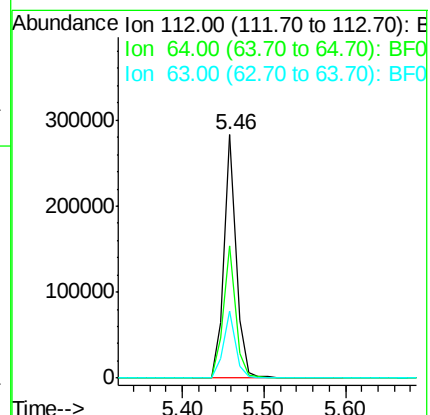
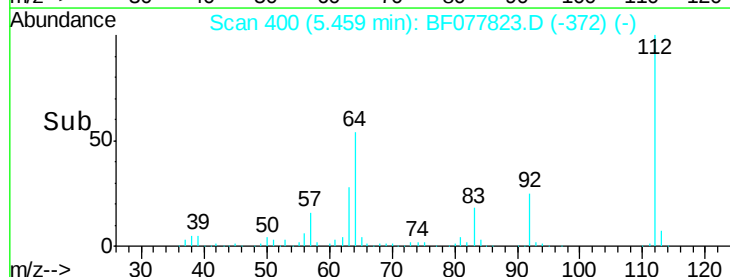
63 27.5 19.3 28.9



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: 130.95 ng

RT: 6.74 min Scan# 512

Delta R.T. 0.01 min

Lab File: BF077823.D

Acq: 19 Mar 2015 6:10

Instrument :

BNA_F

ClientSampleId :

SB-12(4-6)

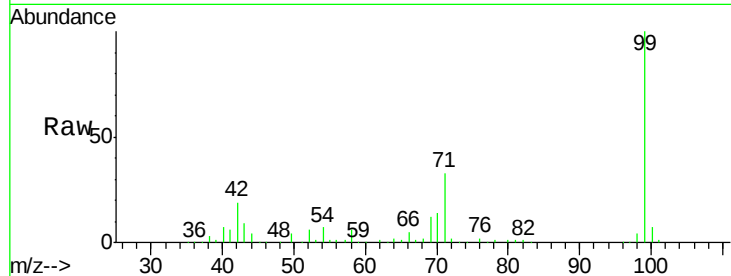
Tgt Ion: 99 Resp: 359408

Ion Ratio Lower Upper

99 100

42 18.6 11.0 16.4#

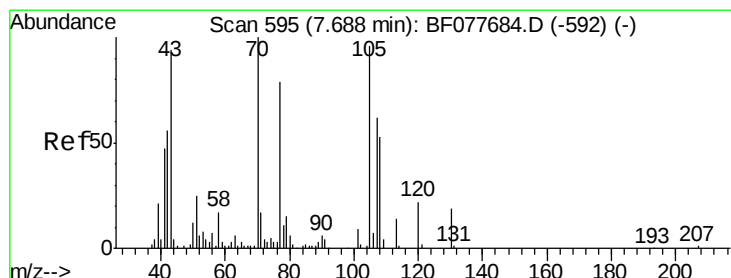
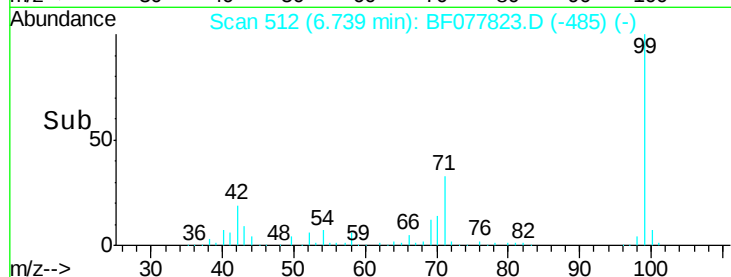
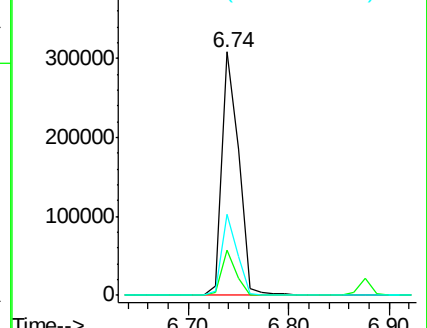
71 33.3 23.4 35.2



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: 13.71 ng

RT: 7.86 min Scan# 610

Delta R.T. 0.18 min

Lab File: BF077823.D

Acq: 19 Mar 2015 6:10

Tgt Ion: 70 Resp: 26030

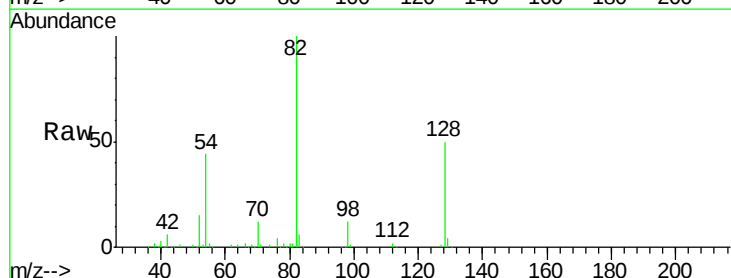
Ion Ratio Lower Upper

70 100

42 47.2 44.5 66.7

101 0.0 7.4 11.2#

130 3.2 15.3 22.9#

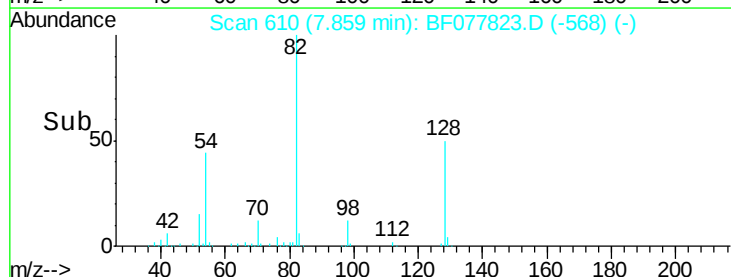
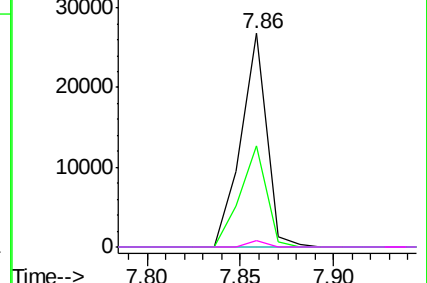


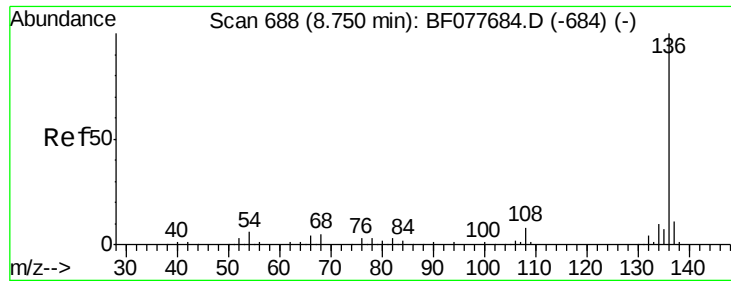
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

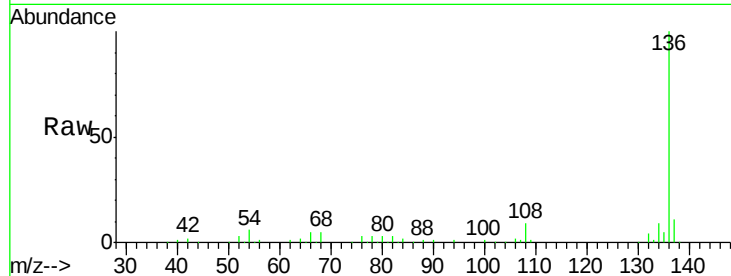




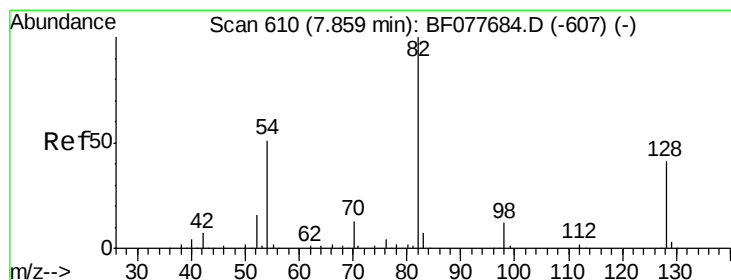
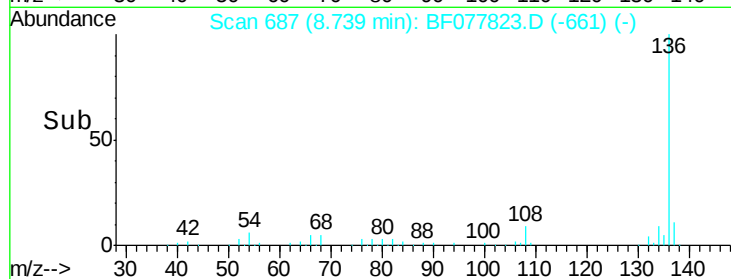
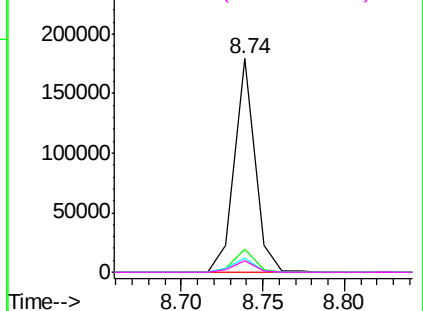
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.74 min Scan# 687
Delta R.T. -0.00 min
Lab File: BF077823.D
Acq: 19 Mar 2015 6:10

Instrument :
BNA_F
ClientSampleId :
SB-12(4-6)

Tgt Ion:	136	Resp:	156311
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	6.5	4.6	6.8
68	5.1	3.7	5.5

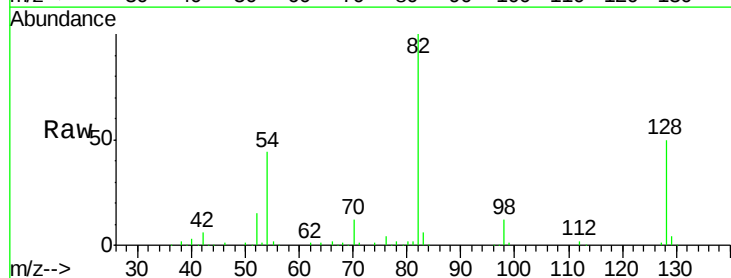


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

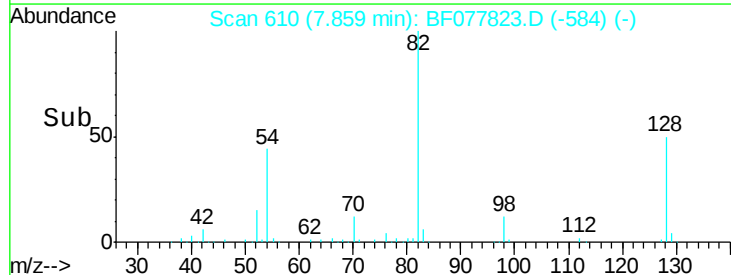
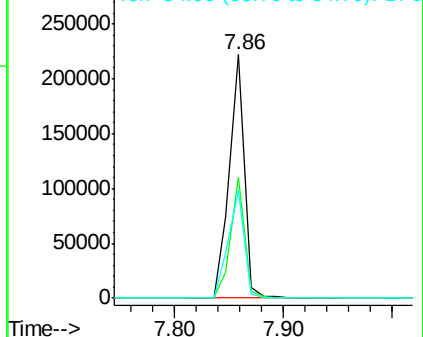


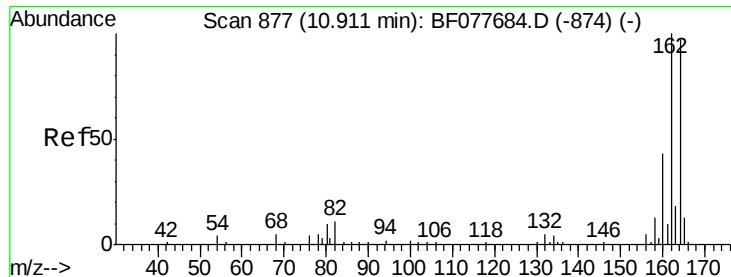
#23
Nitrobenzene-d5
Concen: 89.48 ng
RT: 7.86 min Scan# 610
Delta R.T. -0.00 min
Lab File: BF077823.D
Acq: 19 Mar 2015 6:10

Tgt Ion:	82	Resp:	213377
Ion	Ratio	Lower	Upper
82	100		
128	49.7	32.8	49.2#
54	44.5	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: 10.91 min Scan# 877

Delta R.T. -0.00 min

Lab File: BF077823.D

Acq: 19 Mar 2015 6:10

Instrument :

BNA_F

ClientSampled :

SB-12(4-6)

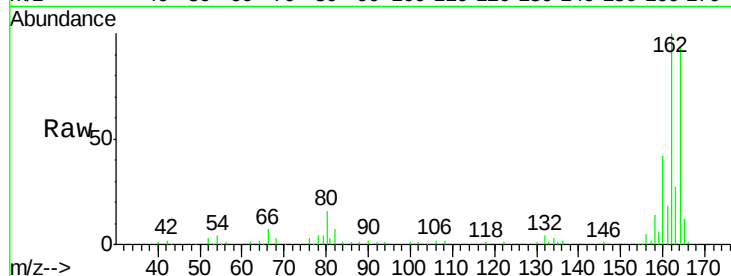
Tgt Ion:164 Resp: 76701

Ion Ratio Lower Upper

164 100

162 105.9 82.4 123.6

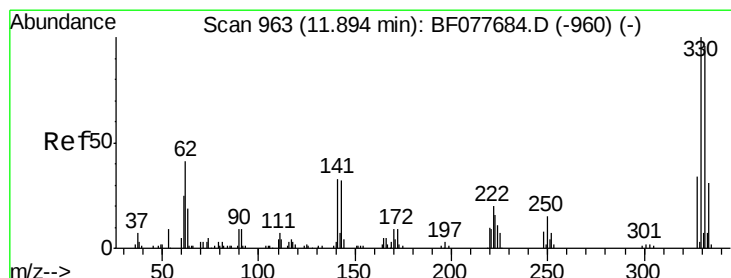
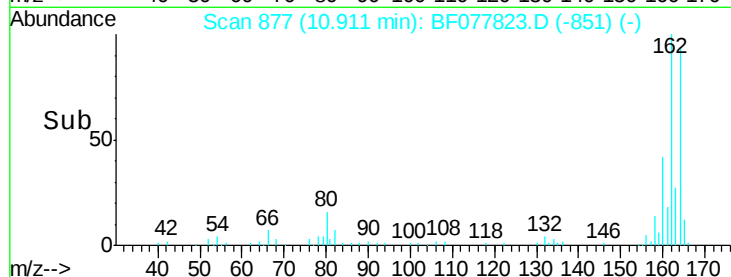
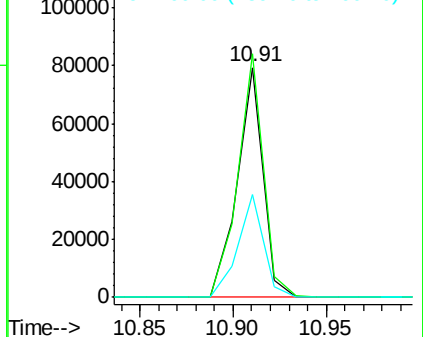
160 44.7 35.8 53.6



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: 120.64 ng

RT: 11.89 min Scan# 963

Delta R.T. 0.01 min

Lab File: BF077823.D

Acq: 19 Mar 2015 6:10

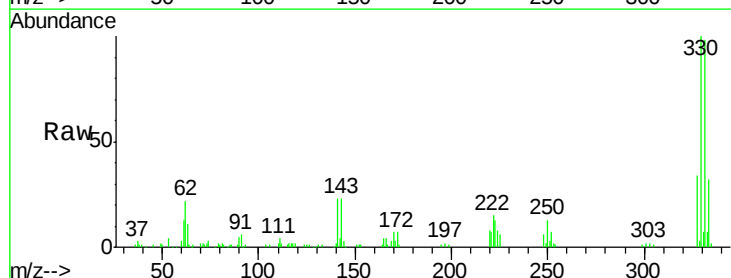
Tgt Ion:330 Resp: 88535

Ion Ratio Lower Upper

330 100

332 97.5 0.0 0.0#

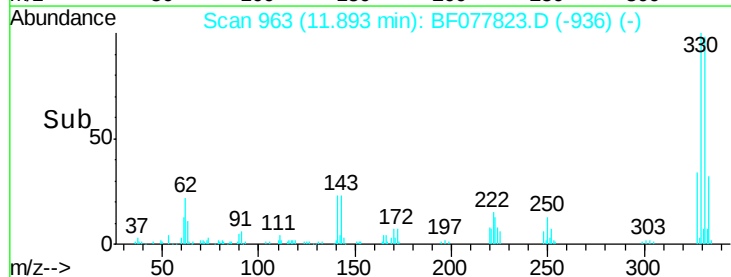
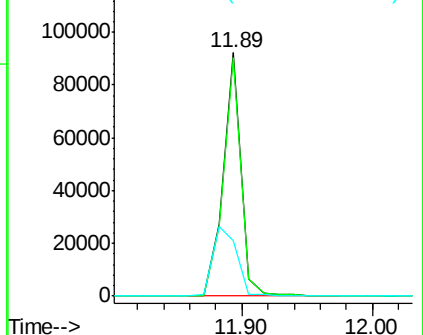
141 38.6 0.0 0.0#

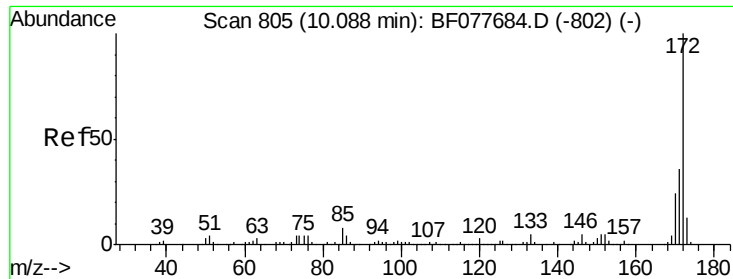


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

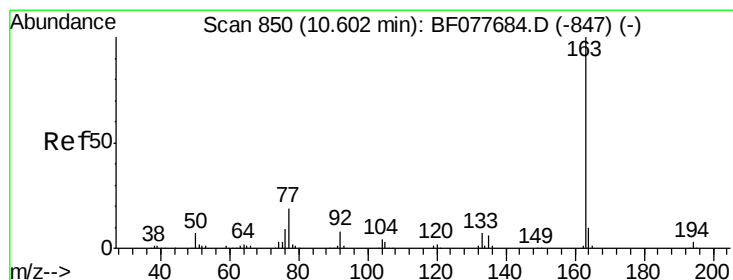
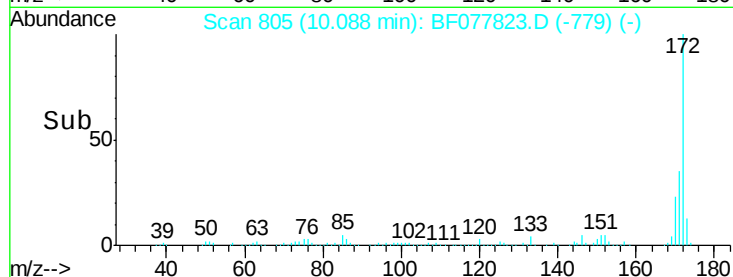
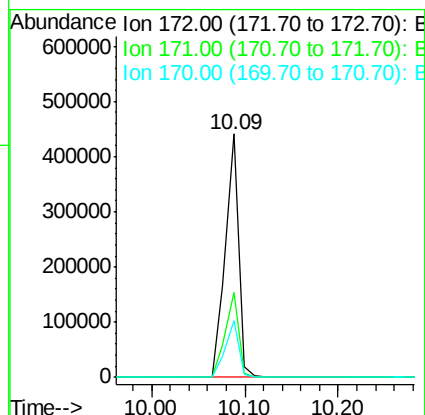
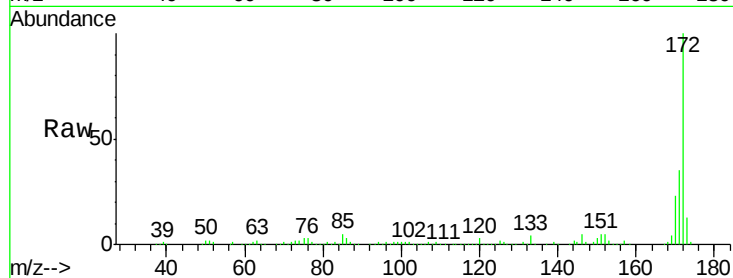




#44
 2-Fluorobiphenyl
 Concen: 83.56 ng
 RT: 10.09 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF077823.D
 Acq: 19 Mar 2015 6:10

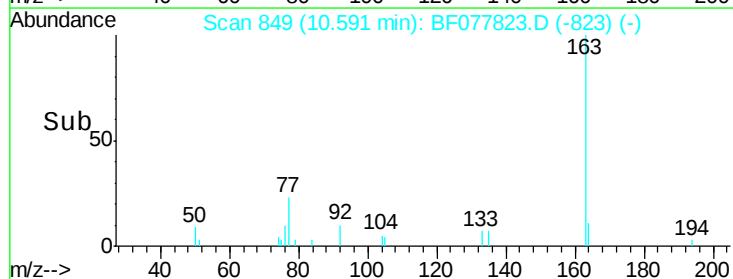
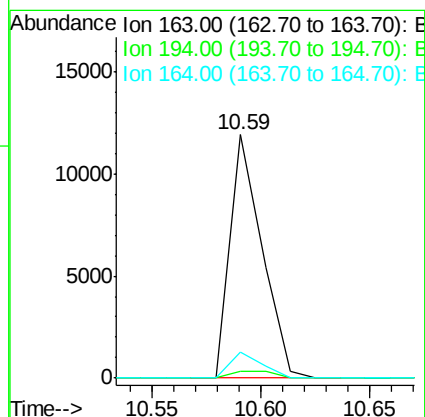
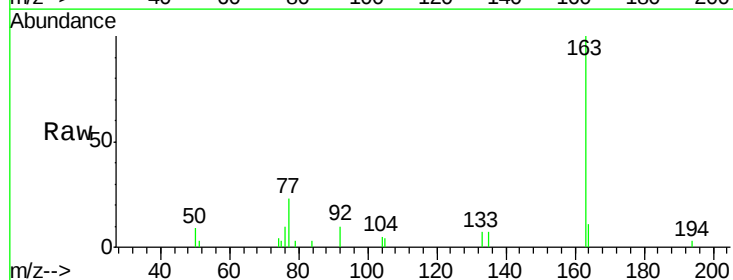
Instrument :
 BNA_F
 ClientSampleId :
 SB-12(4-6)

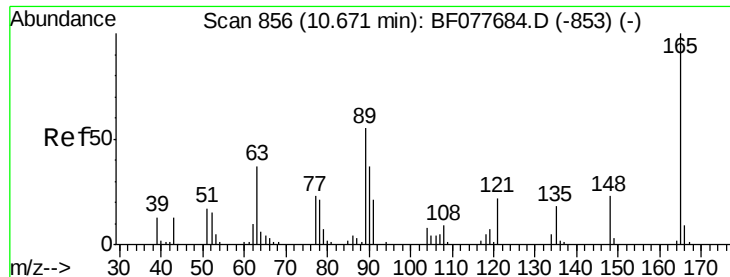
Tgt Ion:172 Resp: 436095
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.5 42.7
 170 23.4 18.8 28.2



#49
 Dimethylphthalate
 Concen: 2.13 ng
 RT: 10.59 min Scan# 849
 Delta R.T. -0.00 min
 Lab File: BF077823.D
 Acq: 19 Mar 2015 6:10

Tgt Ion:163 Resp: 12128
 Ion Ratio Lower Upper
 163 100
 194 2.9 2.7 4.1
 164 10.9 8.2 12.2

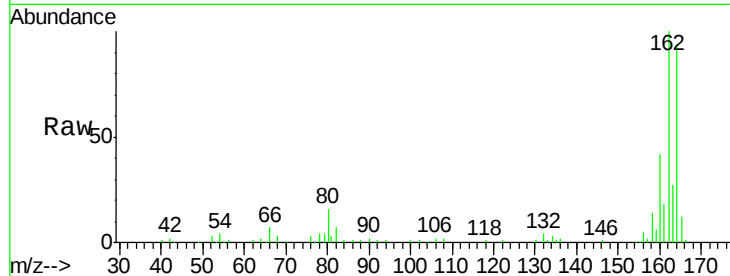




#50
 2,6-Dinitrotoluene
 Concen: 8.13 ng
 RT: 10.91 min Scan# 877
 Delta R.T. 0.24 min
 Lab File: BF077823.D
 Acq: 19 Mar 2015 6:10

Instrument :
 BNA_F
 ClientSampleId :
 SB-12(4-6)

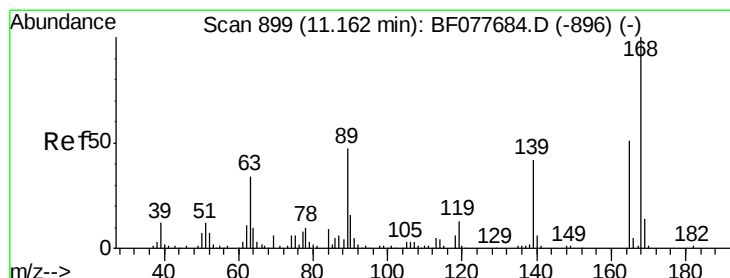
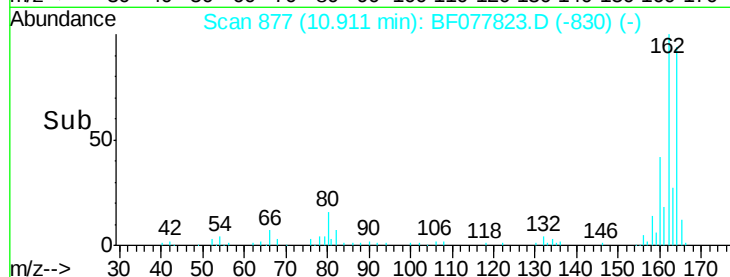
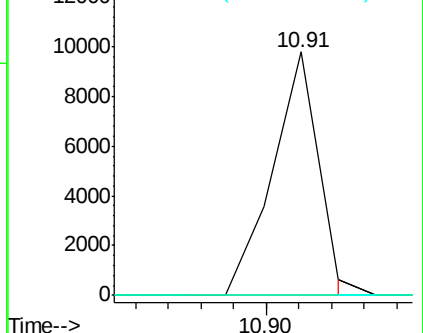
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.1	66.1#
89	0.0	44.3	66.5#



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: 6.24 ng
 RT: 10.91 min Scan# 877
 Delta R.T. -0.25 min
 Lab File: BF077823.D
 Acq: 19 Mar 2015 6:10

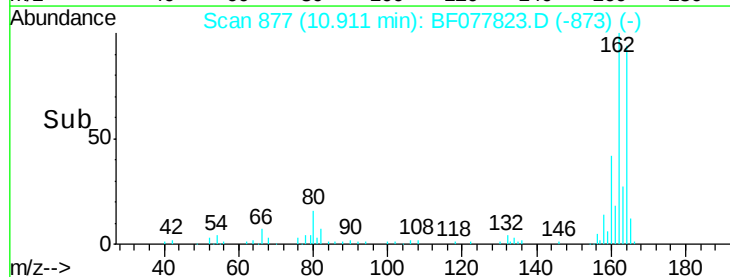
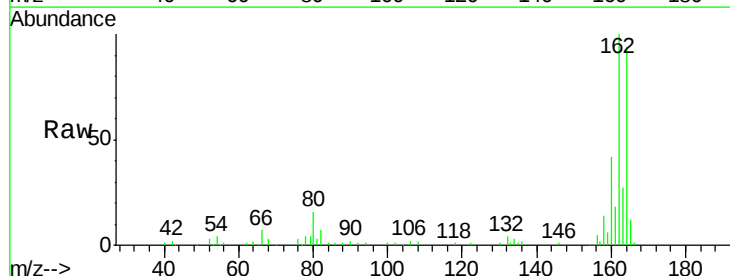
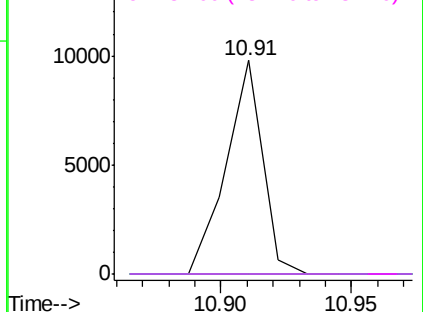
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.4	78.6#
89	0.0	72.4	108.6#
182	0.0	2.0	3.0#

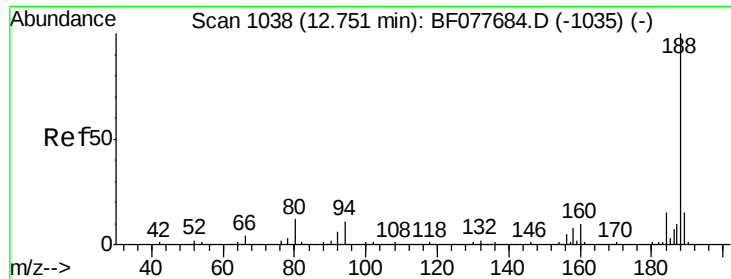
Abundance Ion 165.00 (164.70 to 165.70): E

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

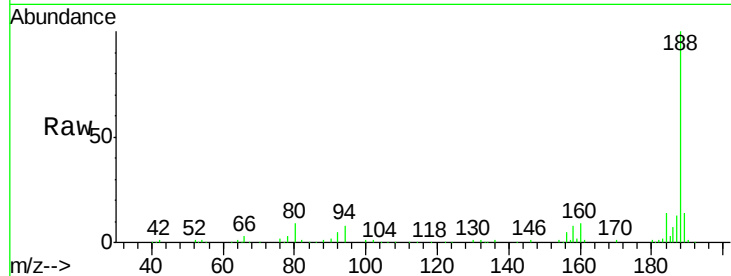




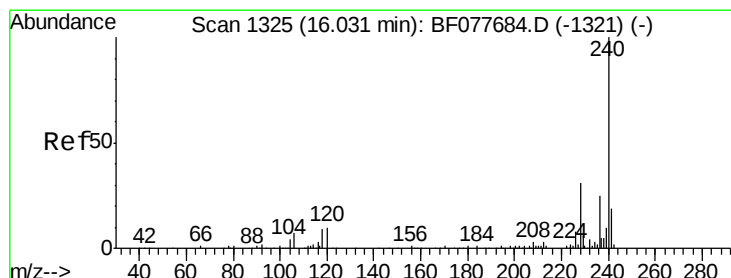
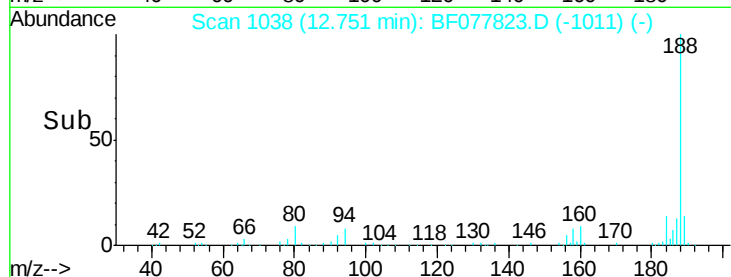
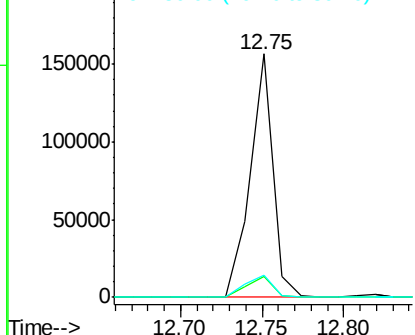
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.75 min Scan# 1038
Delta R.T. 0.01 min
Lab File: BF077823.D
Acq: 19 Mar 2015 6:10

Instrument :
BNA_F
ClientSampleId :
SB-12(4-6)

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.7	13.1#
80	9.1	9.3	13.9#

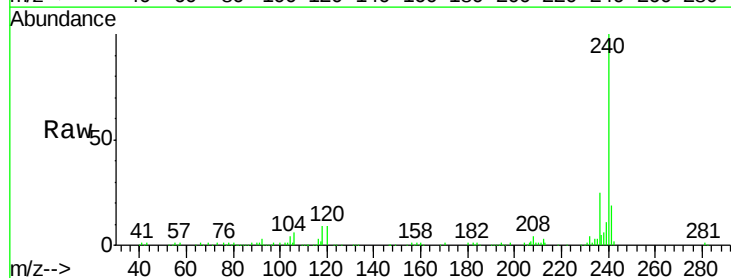


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

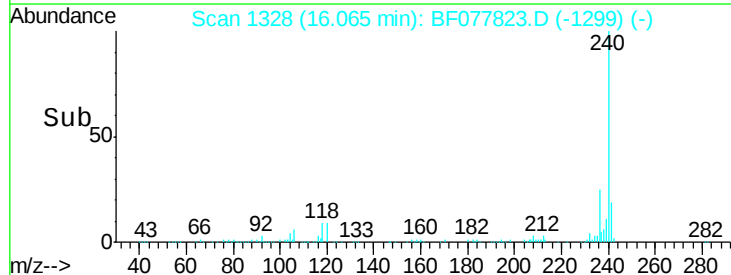
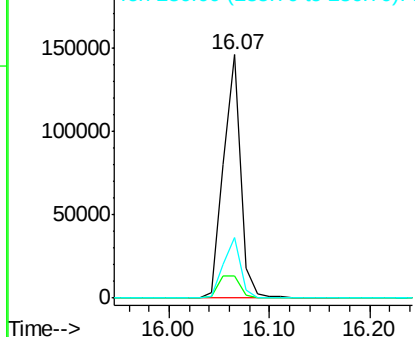


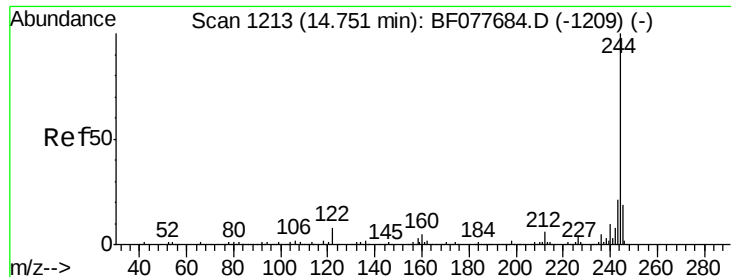
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.07 min Scan# 1328
Delta R.T. 0.03 min
Lab File: BF077823.D
Acq: 19 Mar 2015 6:10

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.3	8.2	12.2
236	24.9	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: 14.75 min Scan# 1213

Delta R.T. 0.01 min

Lab File: BF077823.D

Acq: 19 Mar 2015 6:10

Instrument :

BNA_F

ClientSampled :

SB-12(4-6)

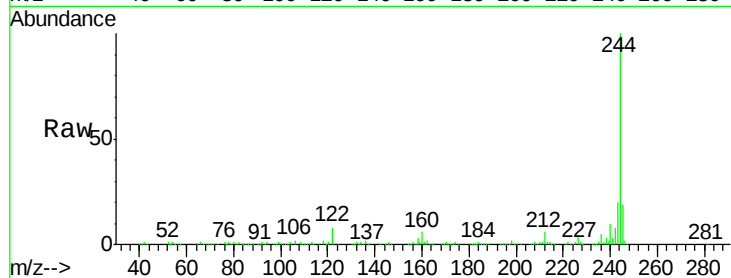
Tgt Ion:244 Resp: 486541

Ion Ratio Lower Upper

244 100

212 6.2 4.9 7.3

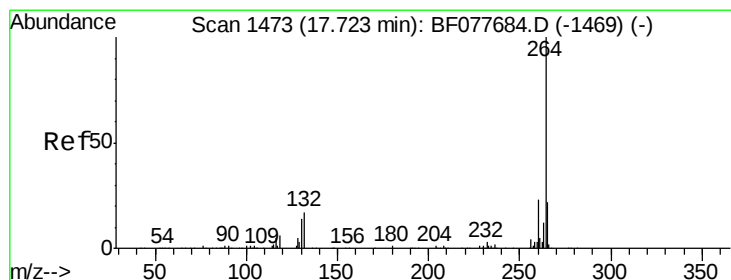
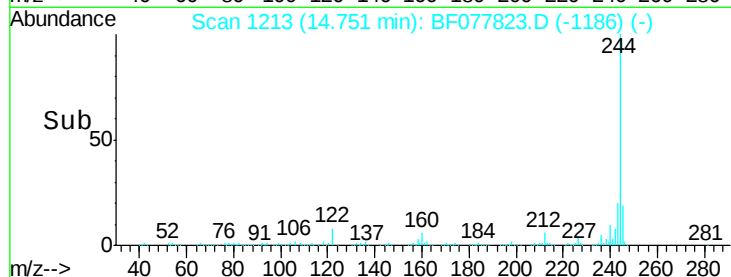
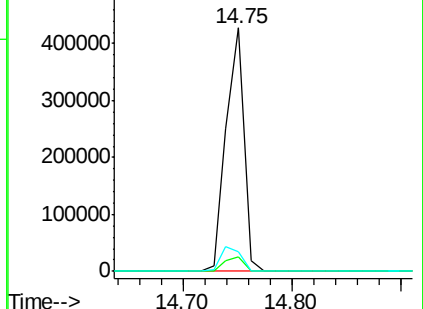
122 8.1 6.2 9.4



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: 17.89 min Scan# 1488

Delta R.T. 0.15 min

Lab File: BF077823.D

Acq: 19 Mar 2015 6:10

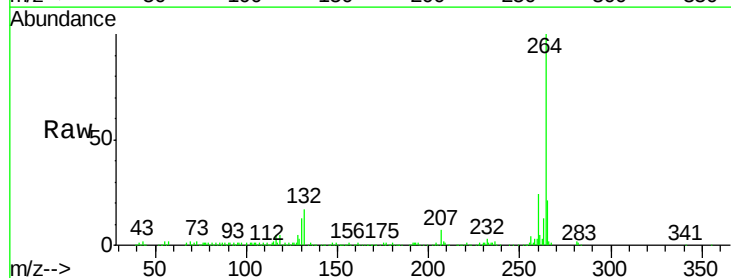
Tgt Ion:264 Resp: 170712

Ion Ratio Lower Upper

264 100

260 23.8 18.6 27.8

265 21.0 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

