

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032315\
 Data File : BF077896.D
 Acq On : 23 Mar 2015 16:02
 Operator : TP/IZ
 Sample : G1547-01RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-097-31615RE

Quant Time: Mar 24 01:37:25 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 24 02:23:28 2015
 Response via : Initial Calibration

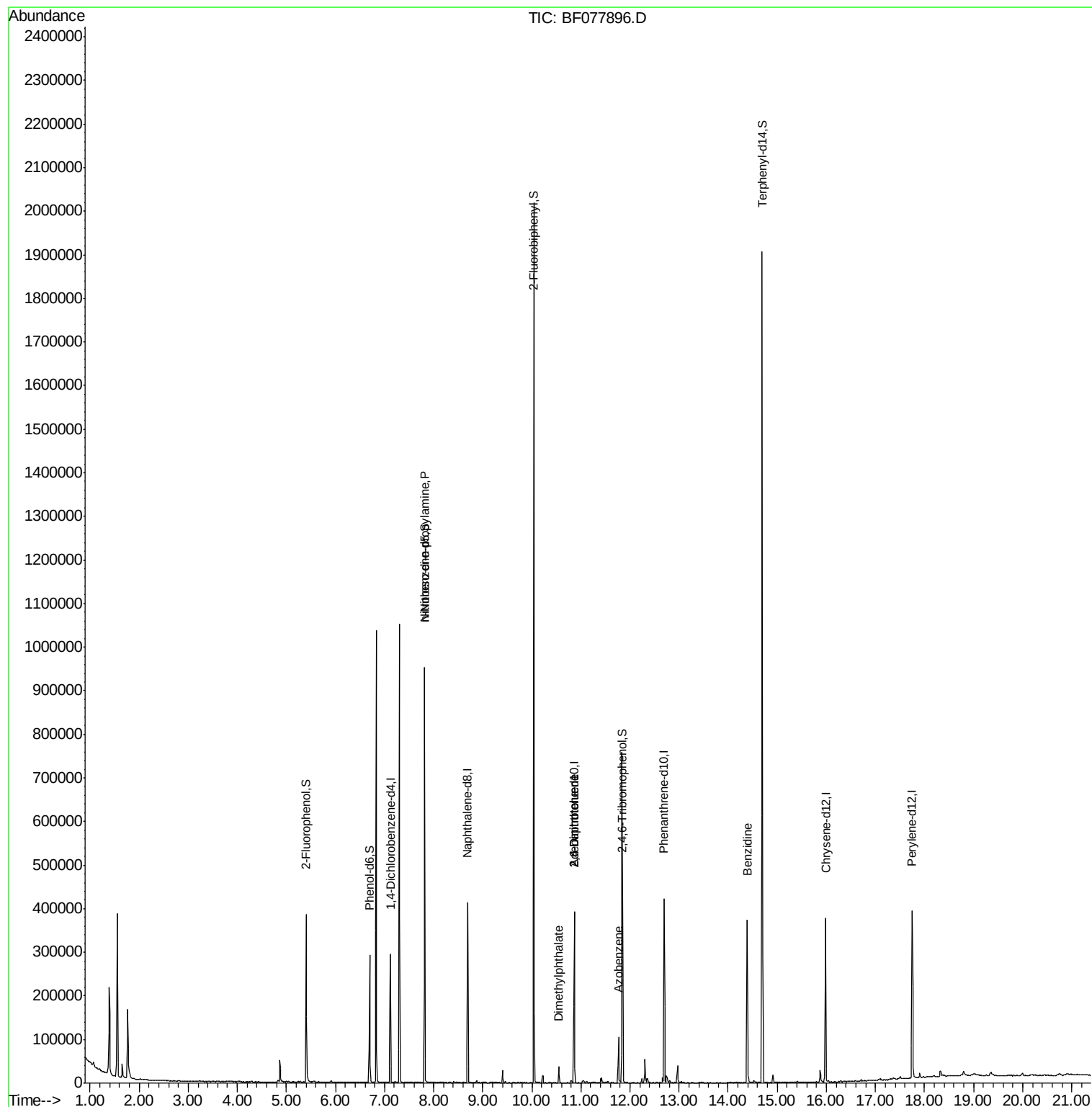
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.12	152	45766	20.00	ng	0.00
21) Naphthalene-d8	8.69	136	186619	20.00	ng	0.00
38) Acenaphthene-d10	10.87	164	92179	20.00	ng	0.00
63) Phenanthrene-d10	12.69	188	177668	20.00	ng	-0.01
75) Chrysene-d12	15.99	240	194490	20.00	ng	-0.02
86) Perylene-d12	17.75	264	184537	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	129603	49.43	ng	0.00
7) Phenol-d6	6.69	99	109068	33.67	ng	0.00
23) Nitrobenzene-d5	7.81	82	297602	104.53	ng	0.00
41) 2,4,6-Tribromophenol	11.85	330	105818	119.98	ng	0.00
44) 2-Fluorobiphenyl	10.04	172	611804	97.54	ng	0.00
78) Terphenyl-d14	14.69	244	682772	85.75	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.81	70	38361	17.12	ng	Qvalue # 79
49) Dimethylphthalate	10.55	163	21093	3.09	ng	99
50) 2,6-Dinitrotoluene	10.87	165	11282	7.96	ng	# 24
56) 2,4-Dinitrotoluene	10.87	165	11283	6.11	ng	# 11
62) Azobenzene	11.77	77	21621	3.40	ng	# 1
76) Benzidine	14.39	184	161126	33.41	ng	99

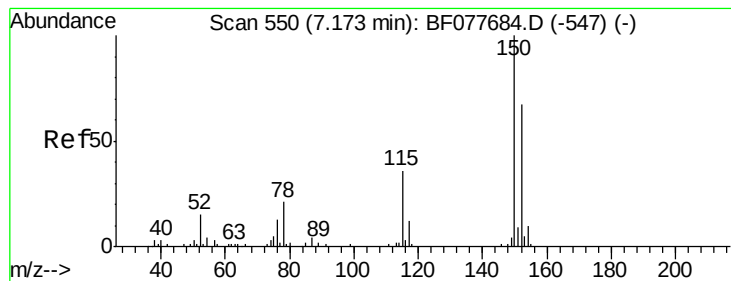
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032315\
Data File : BF077896.D
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ALS Vial : 6 Sample Multiplier: 1

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Quant Time: Mar 24 01:37:25 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 24 02:23:28 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.12 min Scan# 545

Delta R.T. 0.00 min

Lab File: BF077896.D

Acq: 23 Mar 2015 16:02

Instrument :

BNA_F

ClientSampleId :

DCW-WW-097-31615RE

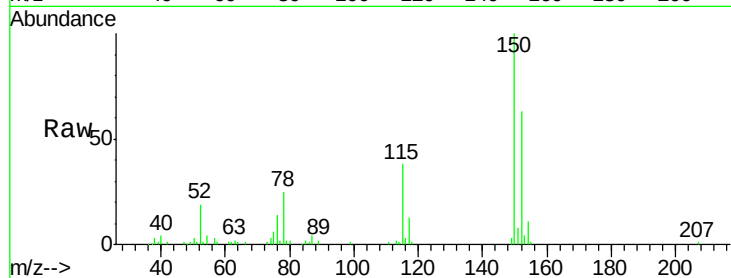
Tgt Ion:152 Resp: 45766

Ion Ratio Lower Upper

152 100

150 158.4 119.5 179.3

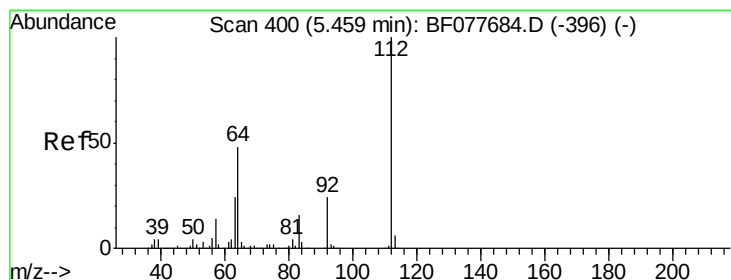
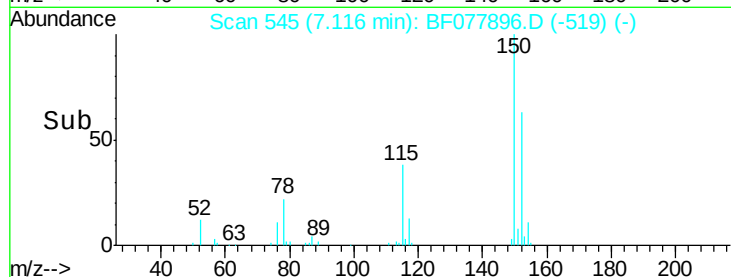
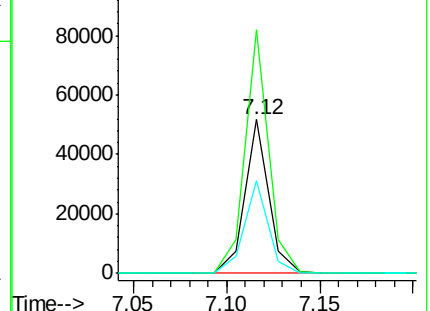
115 60.3 43.0 64.4



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: 49.43 ng

RT: 5.40 min Scan# 395

Delta R.T. 0.00 min

Lab File: BF077896.D

Acq: 23 Mar 2015 16:02

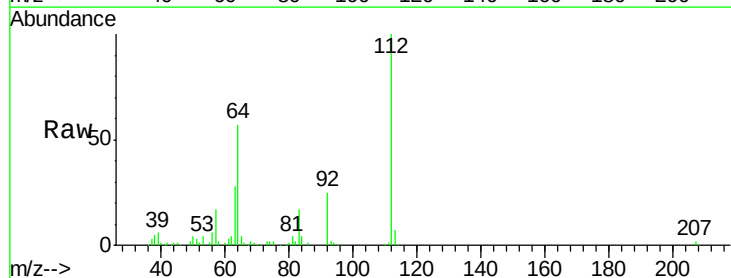
Tgt Ion:112 Resp: 129603

Ion Ratio Lower Upper

112 100

64 56.9 38.6 57.8

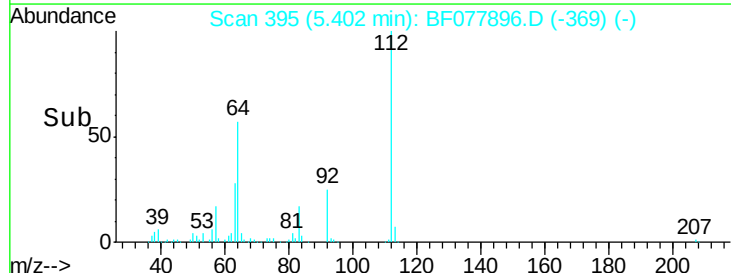
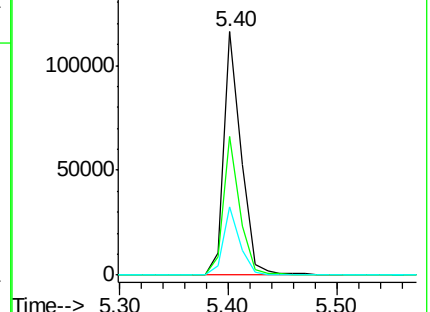
63 28.3 19.3 28.9

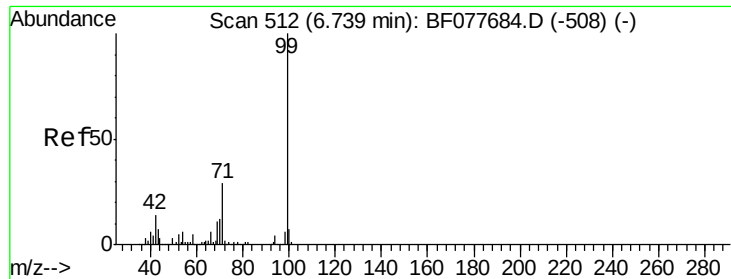


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 33.67 ng

RT: 6.69 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF077896.D

Acq: 23 Mar 2015 16:02

Instrument :

BNA_F

ClientSampleId :

DCW-WW-097-31615RE

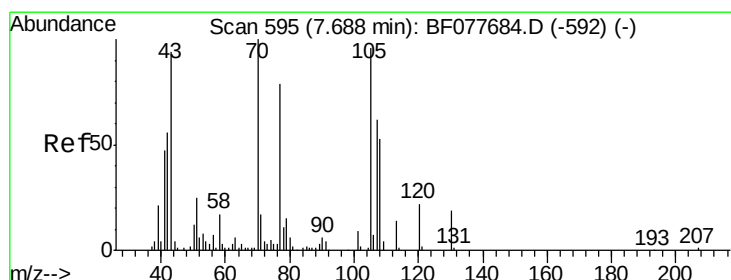
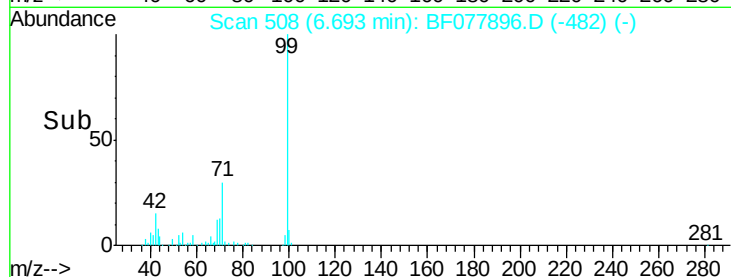
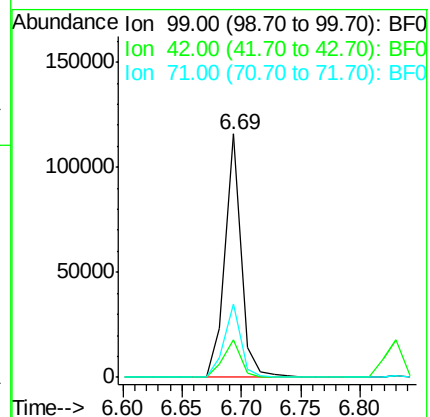
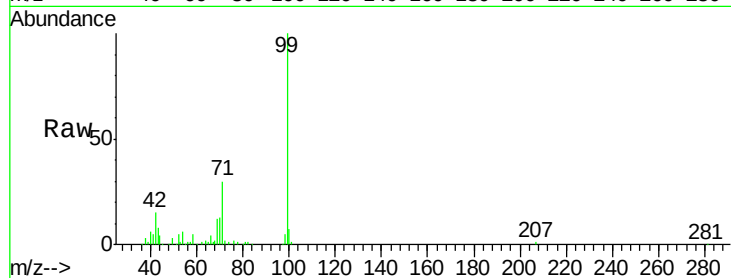
Tgt Ion: 99 Resp: 109068

Ion Ratio Lower Upper

99 100

42 15.4 11.0 16.4

71 30.4 23.4 35.2



#19

n-Nitroso-di-n-propylamine

Concen: 17.12 ng

RT: 7.81 min Scan# 606

Delta R.T. 0.17 min

Lab File: BF077896.D

Acq: 23 Mar 2015 16:02

Tgt Ion: 70 Resp: 38361

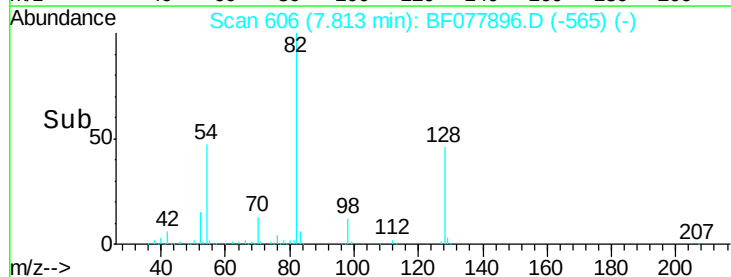
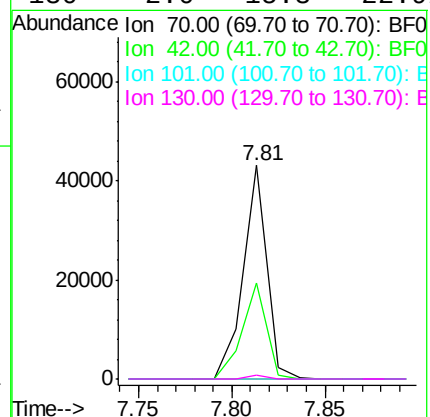
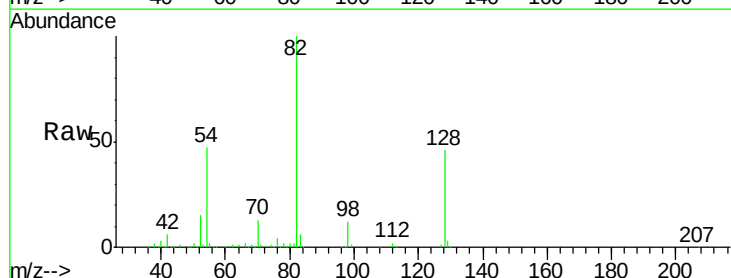
Ion Ratio Lower Upper

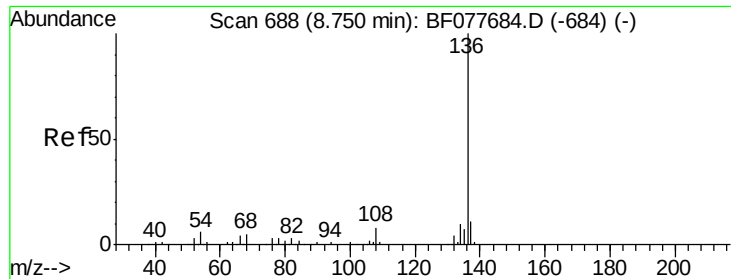
70 100

42 45.0 44.5 66.7

101 0.0 7.4 11.2#

130 2.0 15.3 22.9#

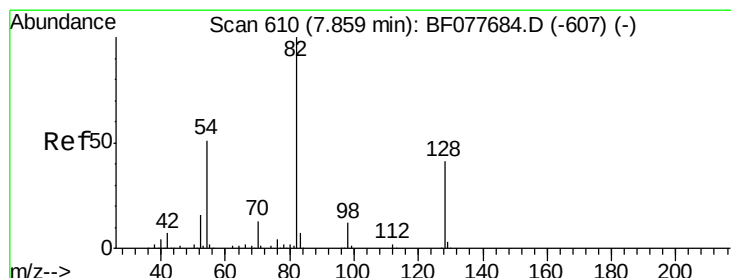
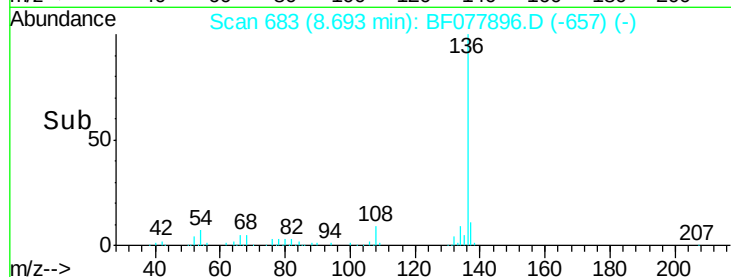
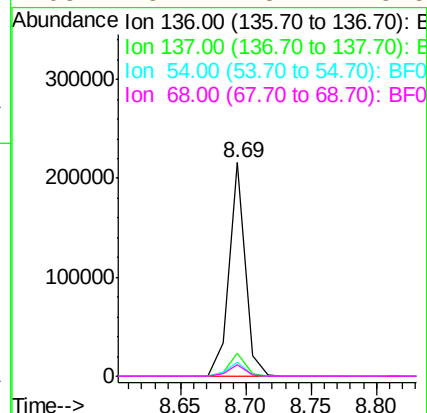
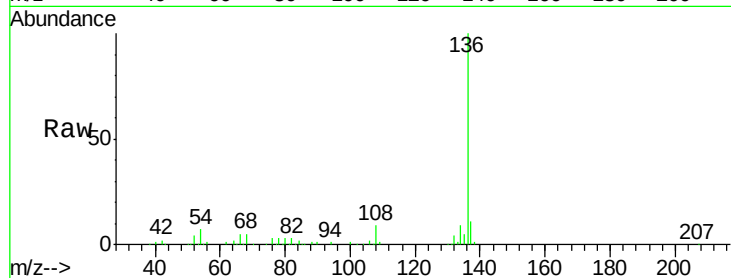




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.69 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF077896.D
Acq: 23 Mar 2015 16:02

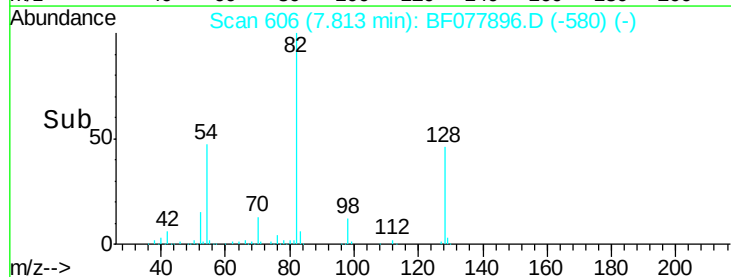
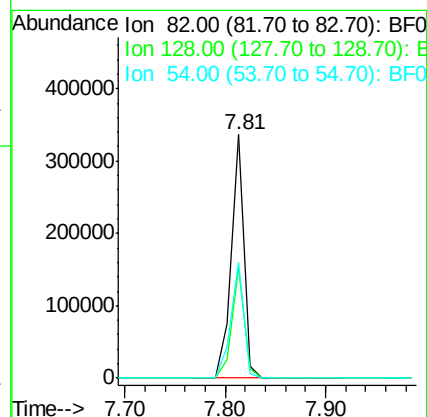
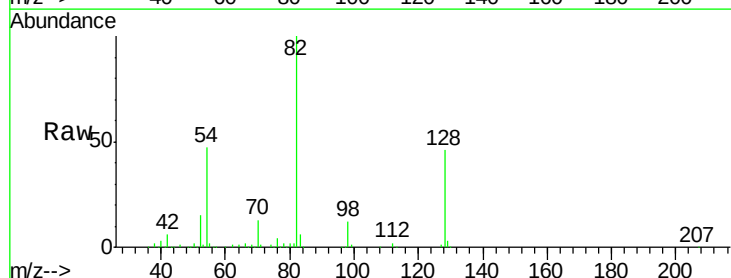
Instrument :
BNA_F
ClientSampleId :
DCW-WW-097-31615RE

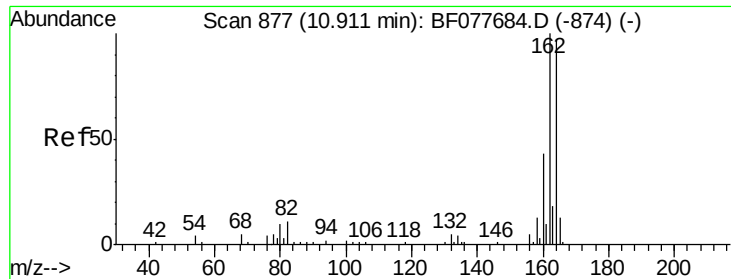
Tgt Ion:	136	Resp:	186619
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	6.7	4.6	6.8
68	5.2	3.7	5.5



#23
Nitrobenzene-d5
Concen: 104.53 ng
RT: 7.81 min Scan# 606
Delta R.T. 0.00 min
Lab File: BF077896.D
Acq: 23 Mar 2015 16:02

Tgt Ion:	82	Resp:	297602
Ion	Ratio	Lower	Upper
82	100		
128	45.6	32.8	49.2
54	47.4	40.6	60.8

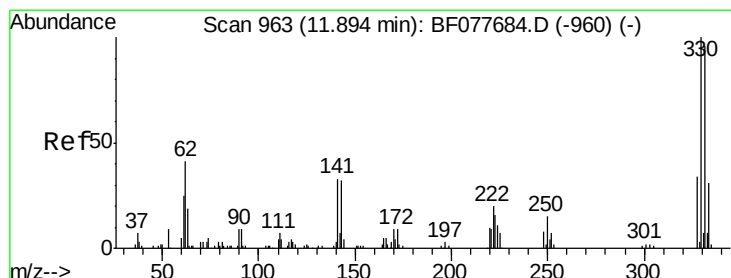
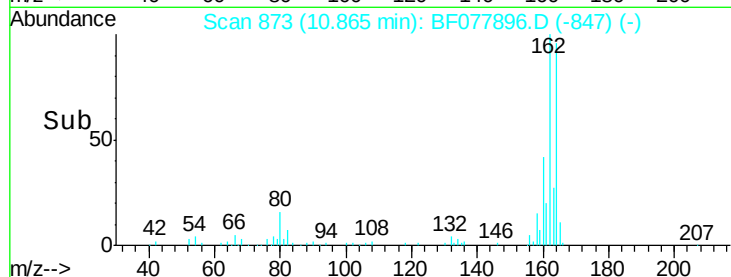
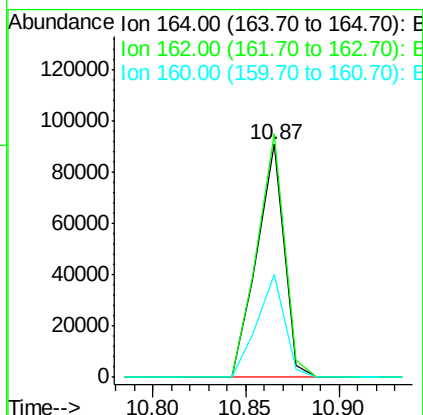
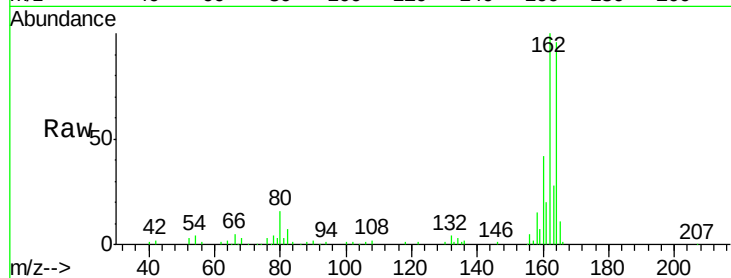




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.87 min Scan# 873
 Delta R.T. 0.00 min
 Lab File: BF077896.D
 Acq: 23 Mar 2015 16:02

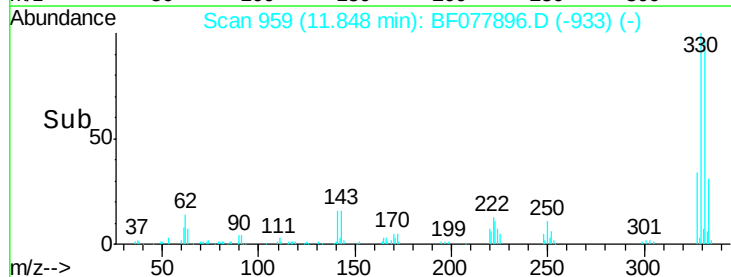
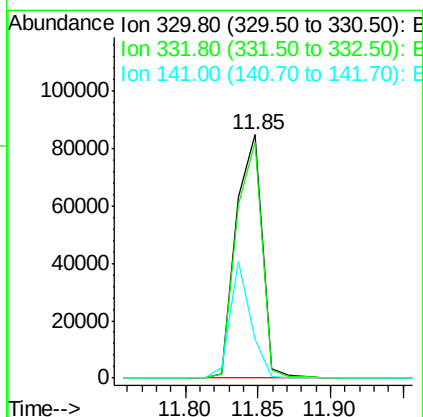
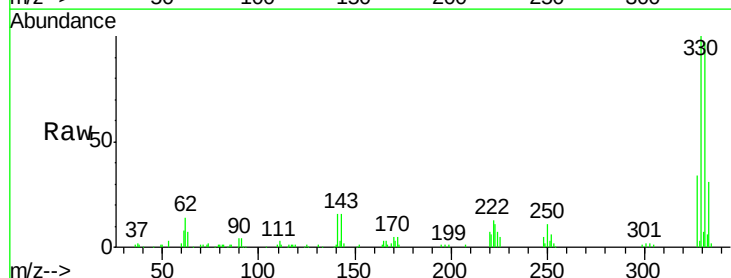
Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-097-31615RE

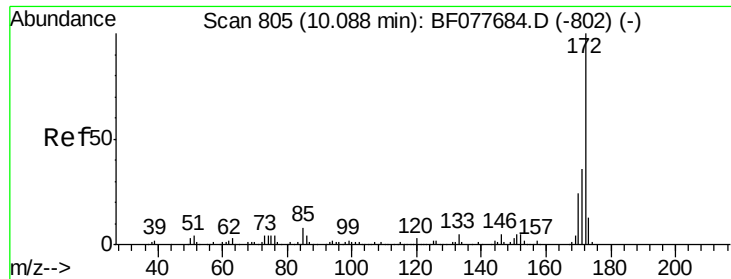
Tgt Ion:164 Resp: 92179
 Ion Ratio Lower Upper
 164 100
 162 104.4 82.4 123.6
 160 44.3 35.8 53.6



#41
 2,4,6-Tribromophenol
 Concen: 119.98 ng
 RT: 11.85 min Scan# 959
 Delta R.T. 0.00 min
 Lab File: BF077896.D
 Acq: 23 Mar 2015 16:02

Tgt Ion:330 Resp: 105818
 Ion Ratio Lower Upper
 330 100
 332 96.9 0.0 0.0#
 141 38.0 0.0 0.0#

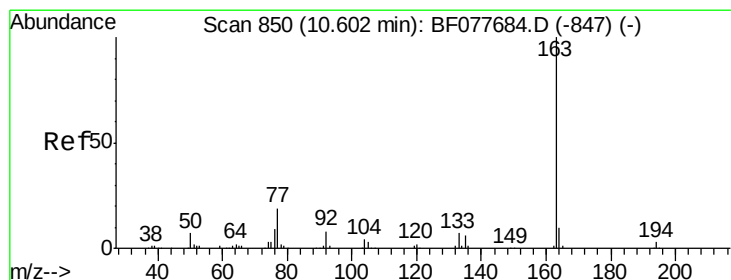
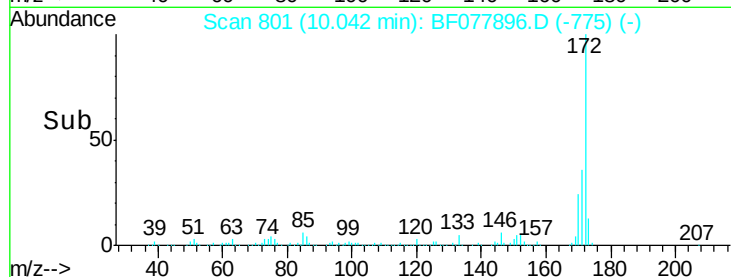
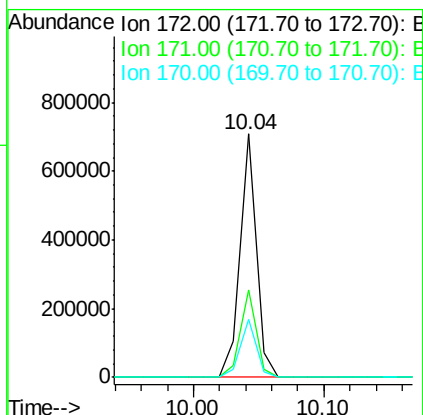
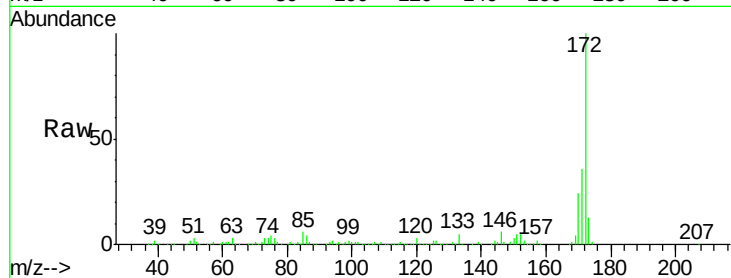




#44
2-Fluorobiphenyl
Concen: 97.54 ng
RT: 10.04 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF077896.D
Acq: 23 Mar 2015 16:02

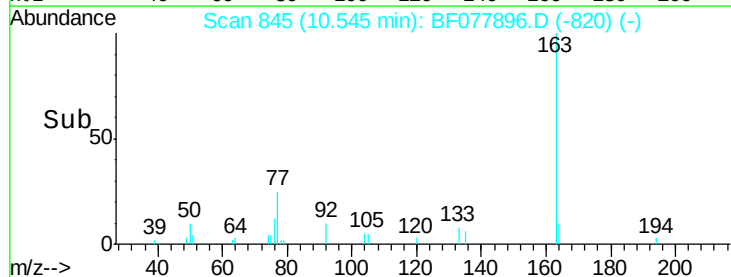
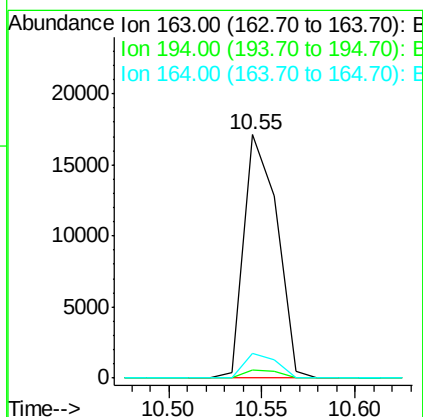
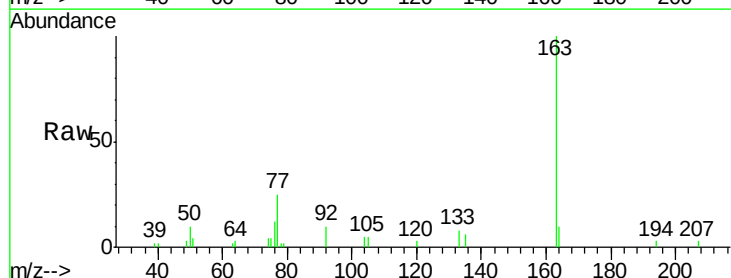
Instrument :
BNA_F
ClientSampleId :
DCW-WW-097-31615RE

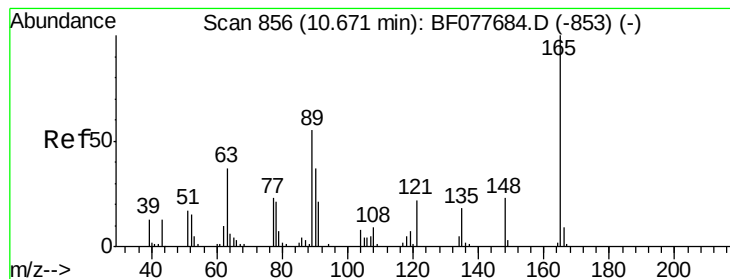
Tgt Ion:172 Resp: 611804
Ion Ratio Lower Upper
172 100
171 35.9 28.5 42.7
170 23.9 18.8 28.2



#49
Dimethylphthalate
Concen: 3.09 ng
RT: 10.55 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF077896.D
Acq: 23 Mar 2015 16:02

Tgt Ion:163 Resp: 21093
Ion Ratio Lower Upper
163 100
194 3.1 2.7 4.1
164 10.1 8.2 12.2





#50

2,6-Dinitrotoluene

Concen: 7.96 ng

RT: 10.87 min Scan# 873

Delta R.T. 0.24 min

Lab File: BF077896.D

Acq: 23 Mar 2015 16:02

Instrument :

BNA_F

ClientSampleId :

DCW-WW-097-31615RE

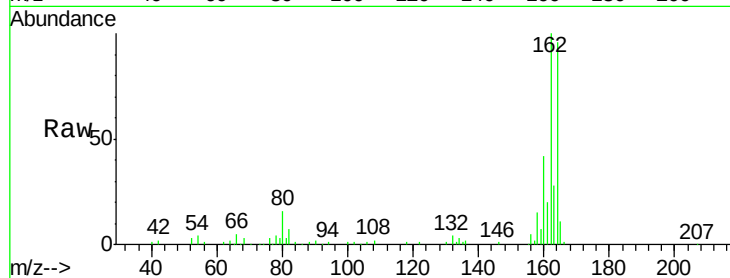
Tgt Ion:165 Resp: 11282

Ion Ratio Lower Upper

165 100

63 0.0 44.1 66.1#

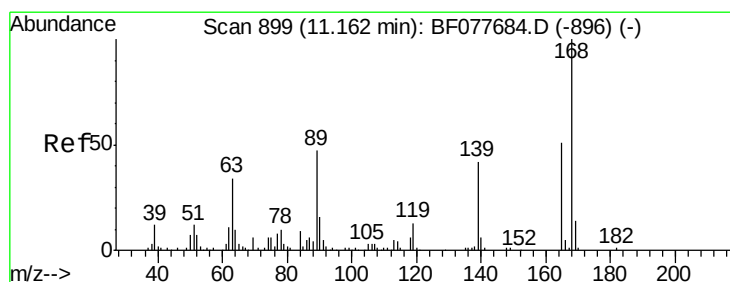
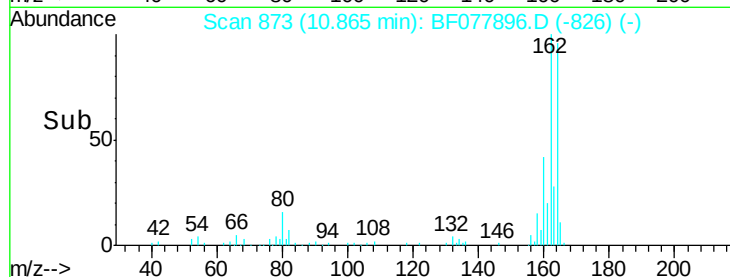
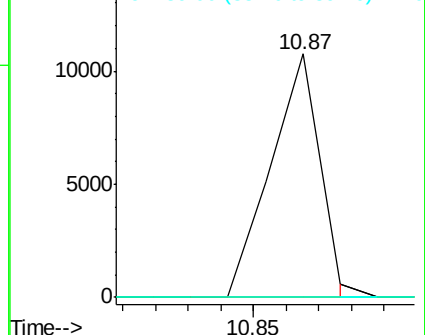
89 0.0 44.3 66.5#



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: 6.11 ng

RT: 10.87 min Scan# 873

Delta R.T. -0.25 min

Lab File: BF077896.D

Acq: 23 Mar 2015 16:02

Tgt Ion:165 Resp: 11283

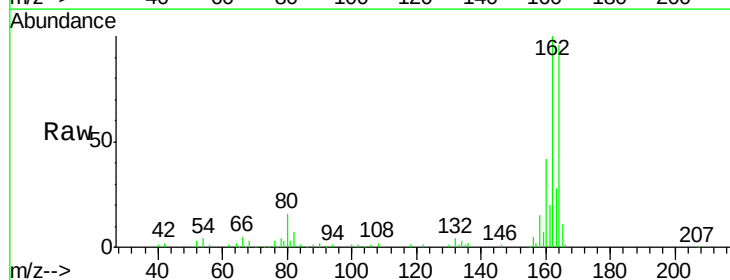
Ion Ratio Lower Upper

165 100

63 0.0 52.4 78.6#

89 0.0 72.4 108.6#

182 0.0 2.0 3.0#

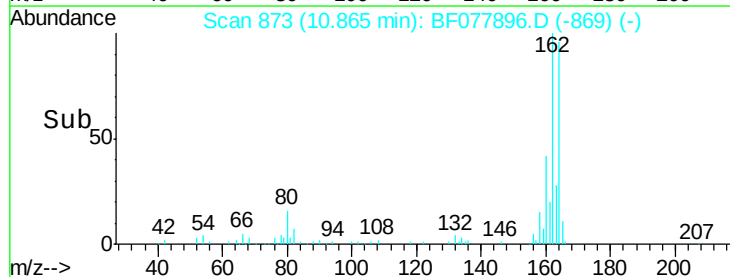
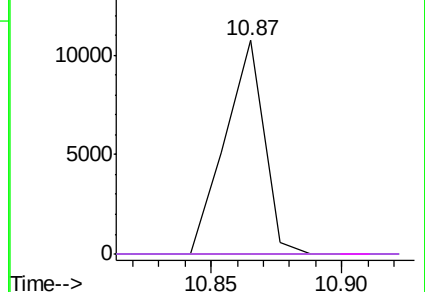


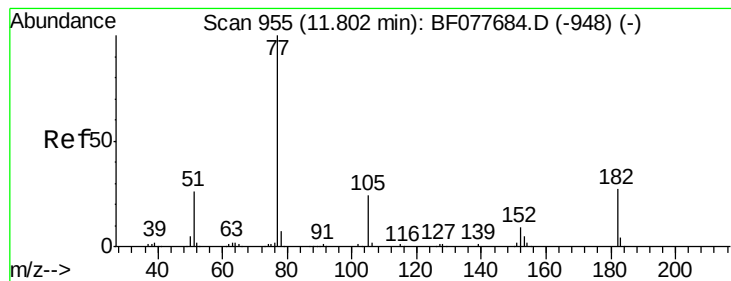
Abundance Ion 165.00 (164.70 to 165.70): E

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





#62

Azobenzene

Concen: 3.40 ng

RT: 11.77 min Scan# 952

Delta R.T. 0.02 min

Lab File: BF077896.D

Acq: 23 Mar 2015 16:02

Instrument :

BNA_F

ClientSampleId :

DCW-WW-097-31615RE

Tgt Ion: 77 Resp: 21621

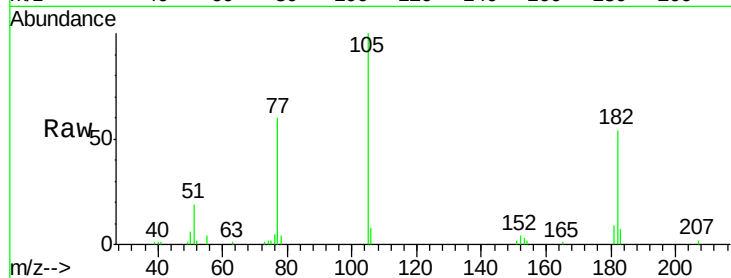
Ion Ratio Lower Upper

77 100

182 90.7 6.5 46.5#

105 166.5 3.8 43.8#

51 32.1 5.5 45.5

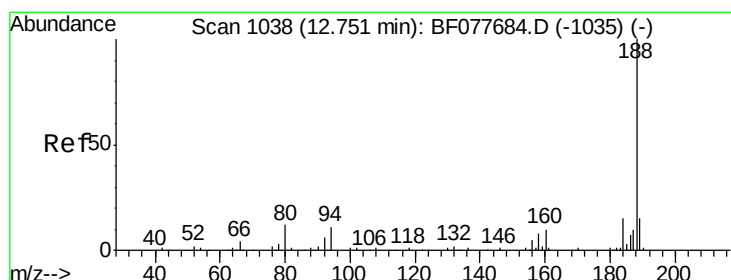
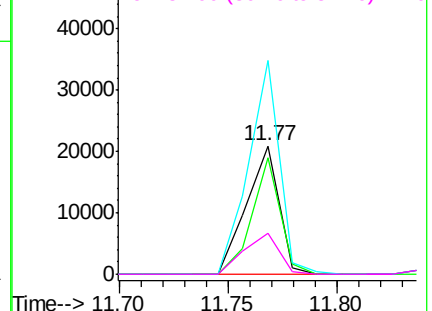
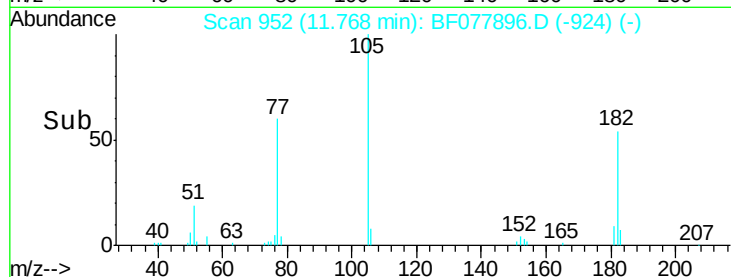


Abundance Ion 77.00 (76.70 to 77.70): BF077684.D (-948) (-)

Ion 182.00 (181.70 to 182.70): BF077684.D (-948) (-)

Ion 105.00 (104.70 to 105.70): BF077684.D (-948) (-)

Ion 51.00 (50.70 to 51.70): BF077684.D (-948) (-)



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.69 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF077896.D

Acq: 23 Mar 2015 16:02

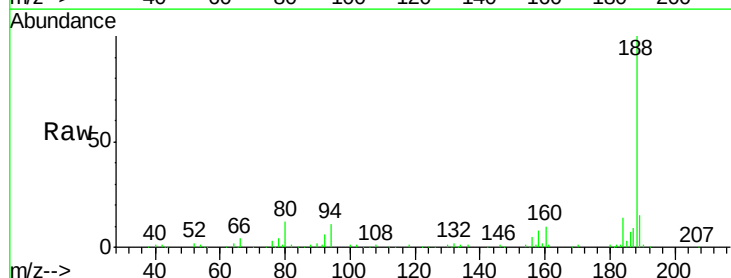
Tgt Ion: 188 Resp: 177668

Ion Ratio Lower Upper

188 100

94 11.2 8.7 13.1

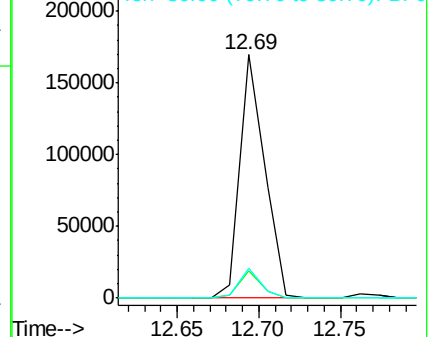
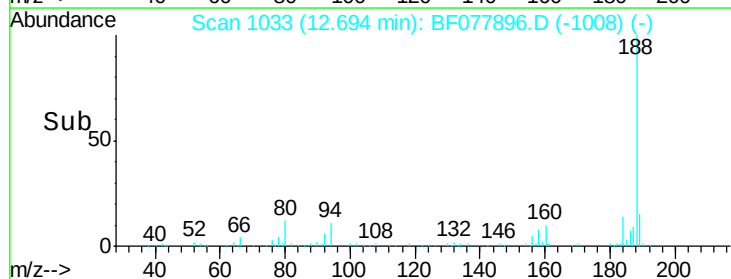
80 12.3 9.3 13.9

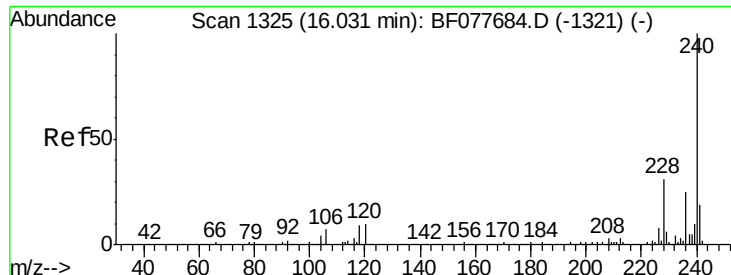


Abundance Ion 188.00 (187.70 to 188.70): BF077684.D (-1035) (-)

Ion 94.00 (93.70 to 94.70): BF077684.D (-1035) (-)

Ion 80.00 (79.70 to 80.70): BF077684.D (-1035) (-)

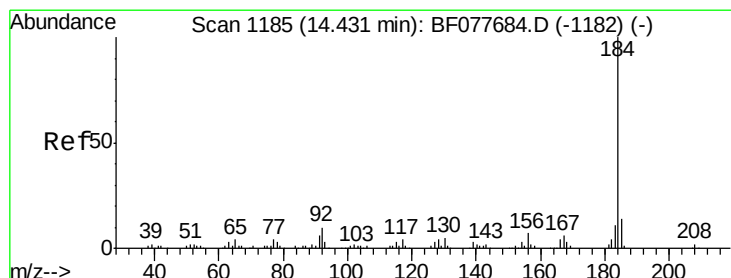
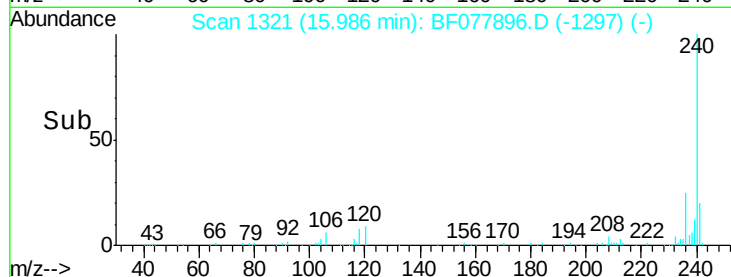
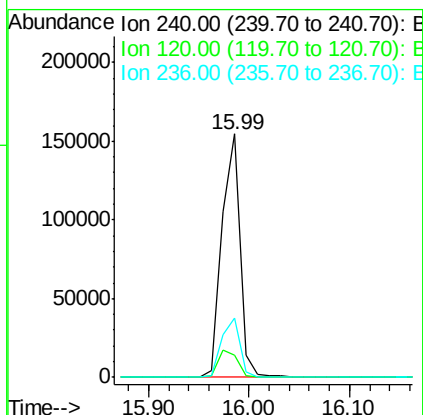
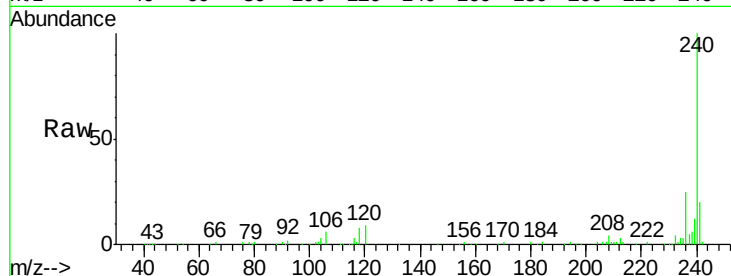




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.99 min Scan# 1321
 Delta R.T. -0.02 min
 Lab File: BF077896.D
 Acq: 23 Mar 2015 16:02

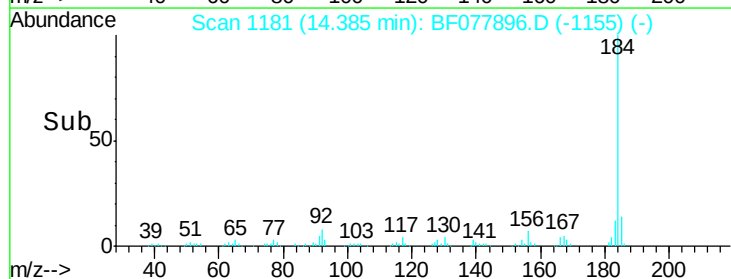
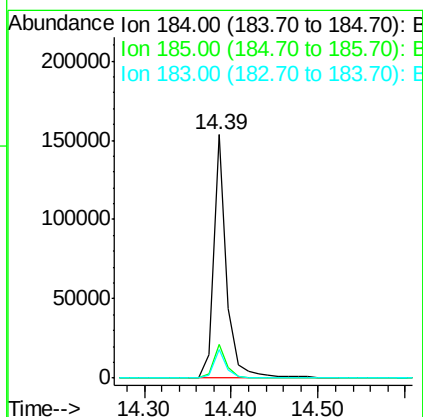
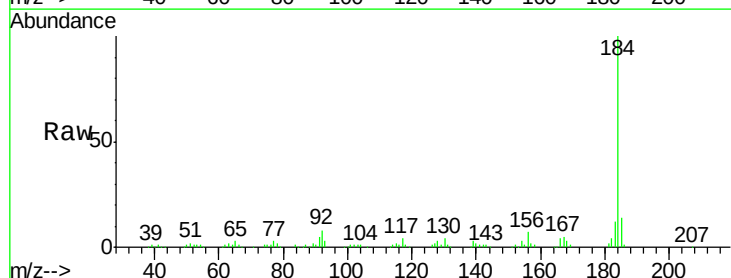
Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-097-31615RE

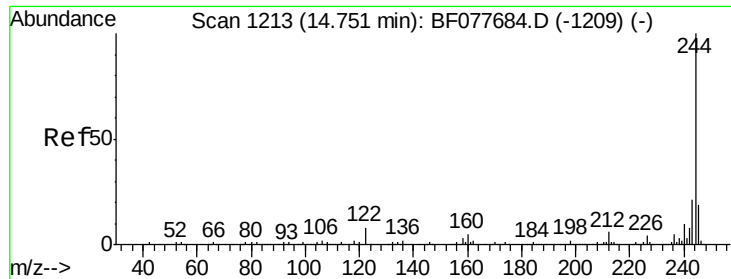
Tgt Ion:240 Resp: 194490
 Ion Ratio Lower Upper
 240 100
 120 9.2 8.2 12.2
 236 24.5 20.0 30.0



#76
 Benzidine
 Concen: 33.41 ng
 RT: 14.39 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: BF077896.D
 Acq: 23 Mar 2015 16:02

Tgt Ion:184 Resp: 161126
 Ion Ratio Lower Upper
 184 100
 185 13.9 11.3 16.9
 183 11.6 8.9 13.3

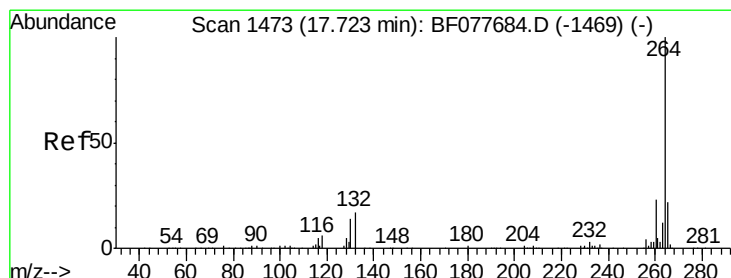
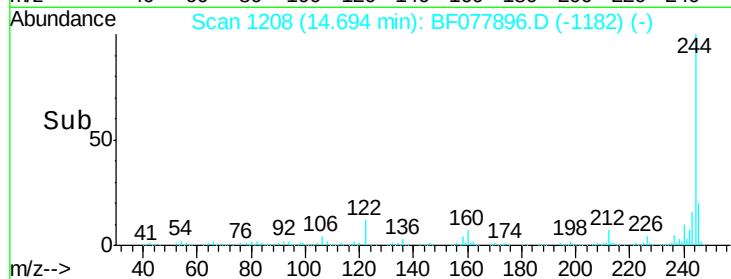
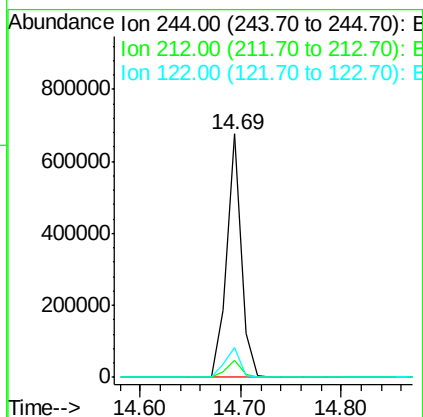
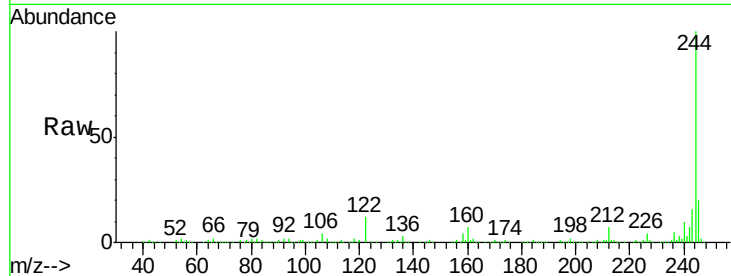




#78
 Terphenyl-d14
 Concen: 85.75 ng
 RT: 14.69 min Scan# 1208
 Delta R.T. 0.00 min
 Lab File: BF077896.D
 Acq: 23 Mar 2015 16:02

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-097-31615RE

Tgt Ion: 244 Resp: 682772
 Ion Ratio Lower Upper
 244 100
 212 6.9 4.9 7.3
 122 12.2 6.2 9.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.75 min Scan# 1475
 Delta R.T. -0.08 min
 Lab File: BF077896.D
 Acq: 23 Mar 2015 16:02

Tgt Ion: 264 Resp: 184537
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.6 27.8
 265 21.7 17.3 25.9

