

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032415\
 Data File : BF077934.D
 Acq On : 25 Mar 2015 4:06
 Operator : TP/IZ
 Sample : G1613-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-1

Quant Time: Mar 25 03:49:01 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 25 04:36:48 2015
 Response via : Initial Calibration

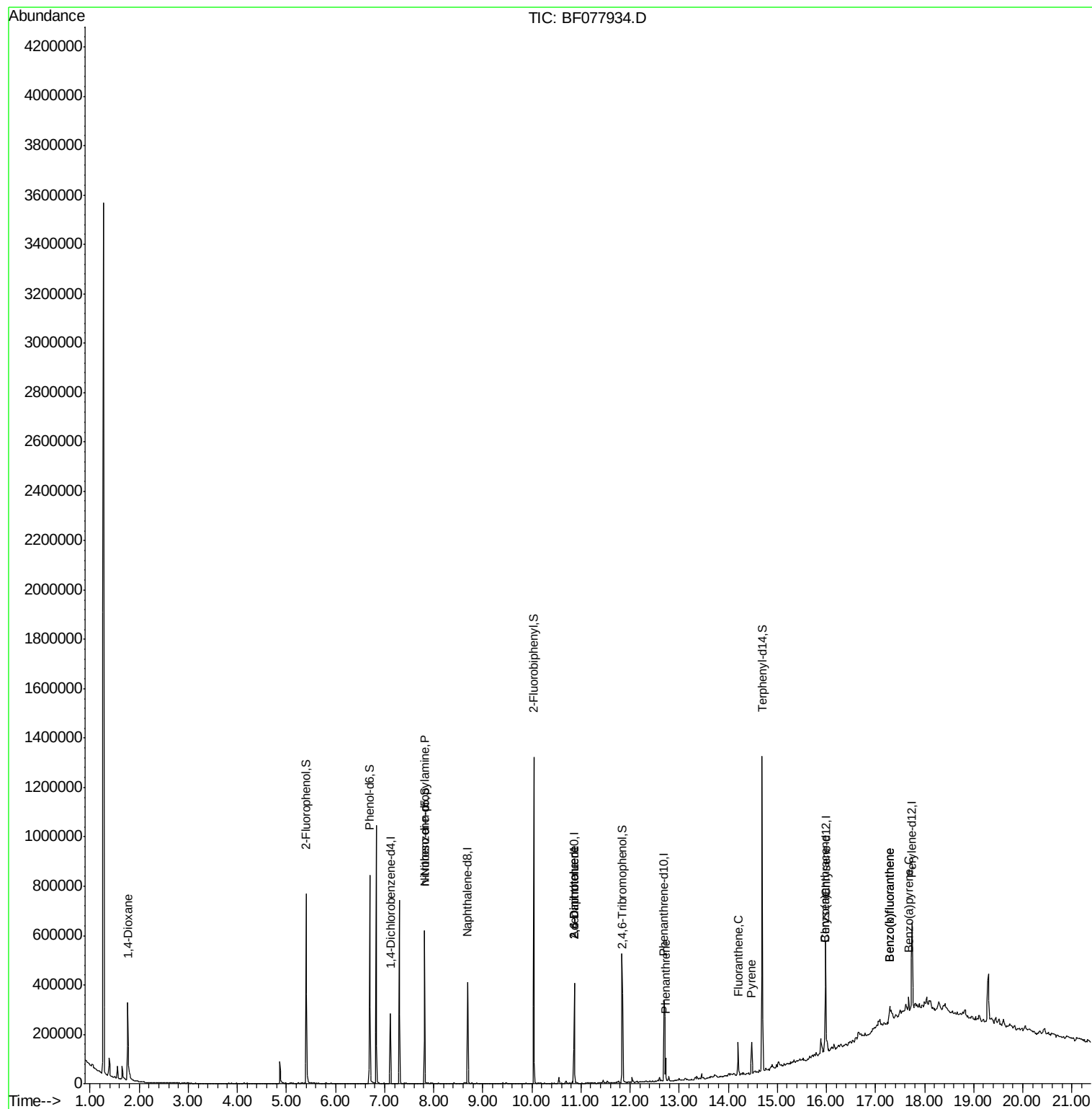
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.12	152	44689	20.00	ng	0.00
21) Naphthalene-d8	8.69	136	184743	20.00	ng	0.00
38) Acenaphthene-d10	10.86	164	87368	20.00	ng	0.00
63) Phenanthrene-d10	12.69	188	167992	20.00	ng	0.00
75) Chrysene-d12	15.99	240	184095	20.00	ng	0.00
86) Perylene-d12	17.75	264	175491	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	267157	104.35	ng	0.00
7) Phenol-d6	6.69	99	329575	104.19	ng	0.00
23) Nitrobenzene-d5	7.81	82	201980	71.67	ng	0.00
41) 2,4,6-Tribromophenol	11.85	330	77498	92.71	ng	0.01
44) 2-Fluorobiphenyl	10.04	172	421861	70.96	ng	0.00
78) Terphenyl-d14	14.69	244	451619	59.92	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	1.77	88	14416	12.40	ng	# 100
19) n-Nitroso-di-n-propylamine	7.81	70	25551	11.68	ng	# 79
50) 2,6-Dinitrotoluene	10.86	165	11465	8.54	ng	# 24
56) 2,4-Dinitrotoluene	10.86	165	11466	6.55	ng	# 11
70) Phenanthrene	12.73	178	36059	3.74	ng	100
74) Fluoranthene	14.20	202	61396	5.77	ng	98
77) Pyrene	14.48	202	54927	4.74	ng	97
80) Benzo(a)anthracene	15.97	228	32663	2.99	ng	# 90
82) Chrysene	15.97	228	32663	3.33	ng	93
87) Benzo(b)fluoranthene	17.29	252	47172	4.12	ng	# 86
88) Benzo(k)fluoranthene	17.29	252	47172	5.27	ng	# 82
89) Benzo(a)pyrene	17.68	252	24654	2.58	ng	# 85

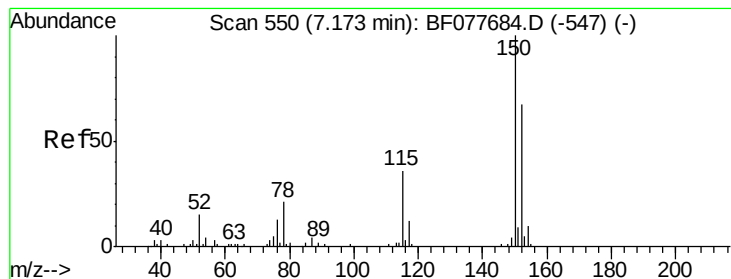
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.12 min Scan# 545

Delta R.T. -0.00 min

Lab File: BF077934.D

Acq: 25 Mar 2015 4:06

Instrument :

BNA_F

ClientSampleId :

SB-3-1

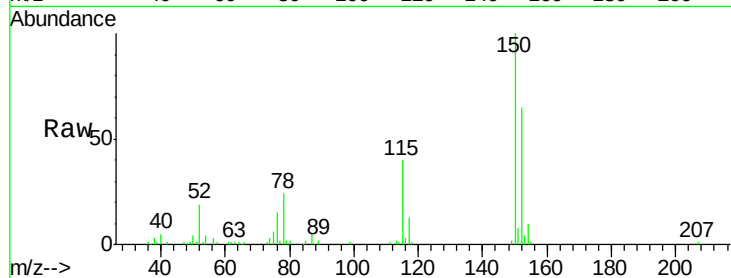
Tgt Ion:152 Resp: 44689

Ion Ratio Lower Upper

152 100

150 153.9 119.5 179.3

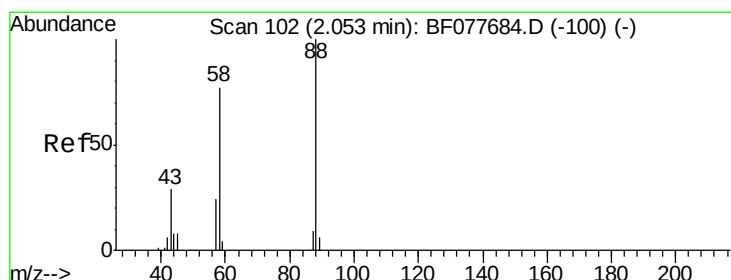
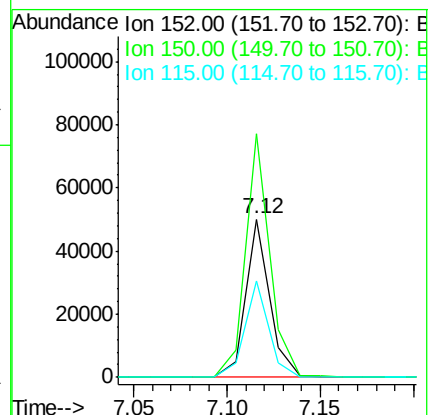
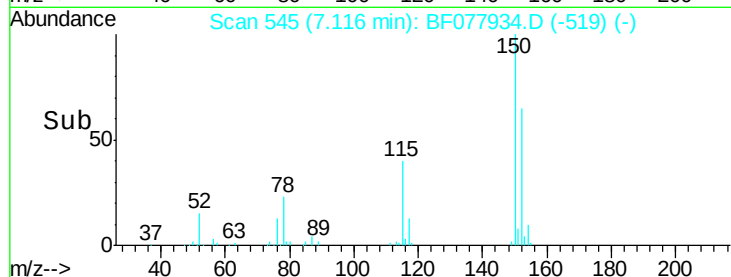
115 61.2 43.0 64.4



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



#2

1,4-Dioxane

Concen: 12.40 ng

RT: 1.77 min Scan# 77

Delta R.T. -0.22 min

Lab File: BF077934.D

Acq: 25 Mar 2015 4:06

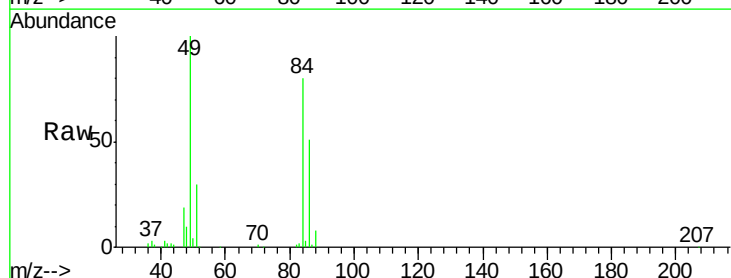
Tgt Ion: 88 Resp: 14416

Ion Ratio Lower Upper

88 100

58 0.0 0.0 0.0

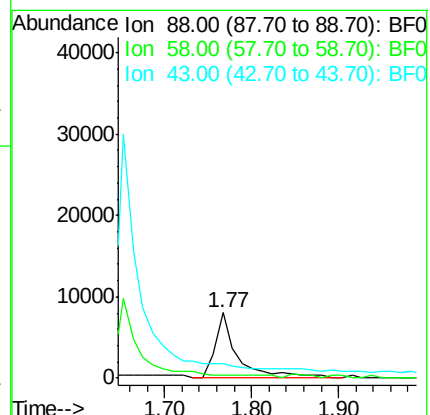
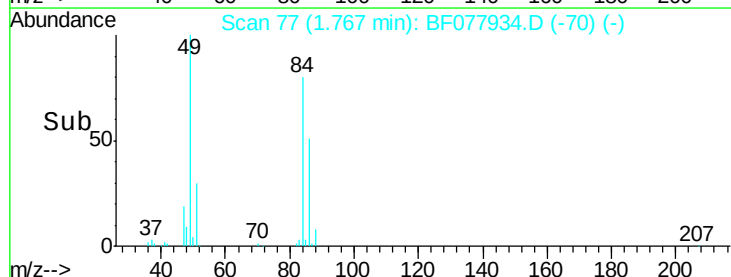
43 0.0 0.0 0.0

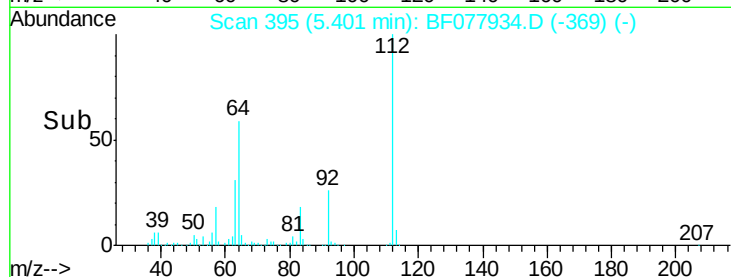
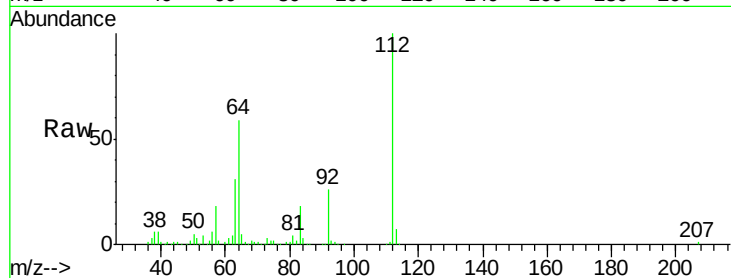
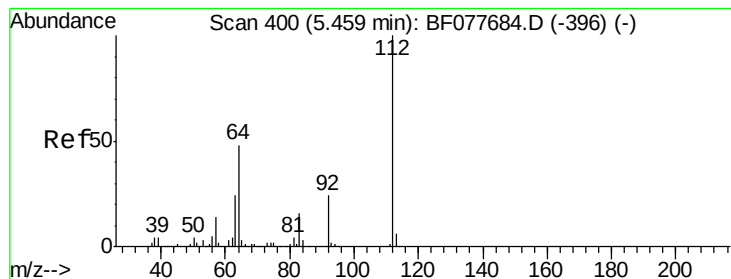


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 104.35 ng

RT: 5.40 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF077934.D

Acq: 25 Mar 2015 4:06

Instrument :

BNA_F

ClientSampleId :

SB-3-1

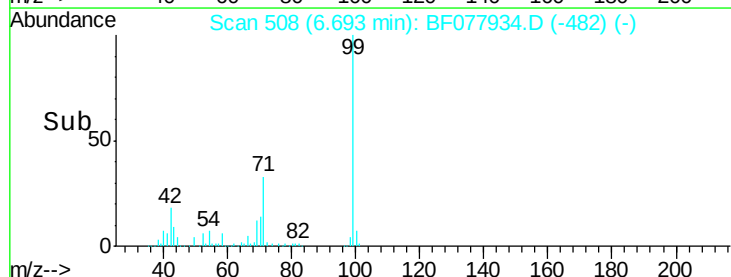
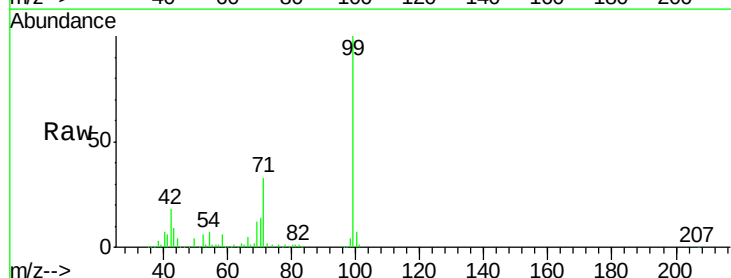
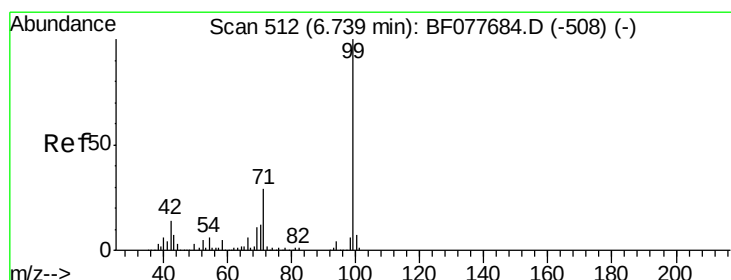
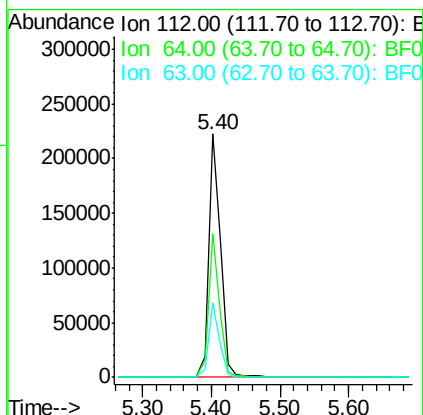
Tgt Ion: 112 Resp: 267157

Ion Ratio Lower Upper

112 100

64 58.9 38.6 57.8#

63 30.7 19.3 28.9#



#7

Phenol-d6

Concen: 104.19 ng

RT: 6.69 min Scan# 508

Delta R.T. -0.00 min

Lab File: BF077934.D

Acq: 25 Mar 2015 4:06

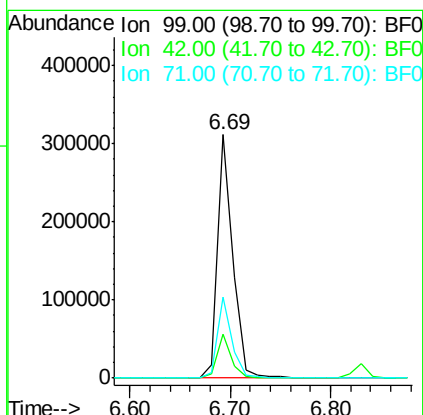
Tgt Ion: 99 Resp: 329575

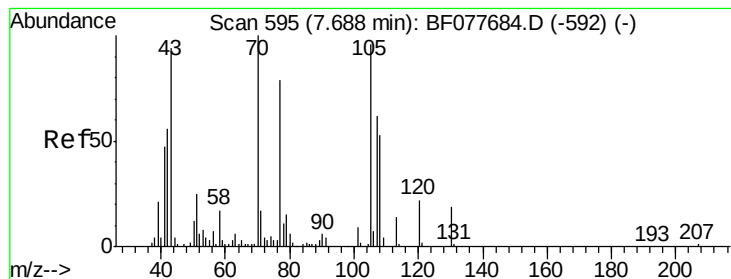
Ion Ratio Lower Upper

99 100

42 18.0 11.0 16.4#

71 33.4 23.4 35.2





#19

n-Nitroso-di-n-propylamine

Concen: 11.68 ng

RT: 7.81 min Scan# 606

Delta R.T. 0.17 min

Lab File: BF077934.D

Acq: 25 Mar 2015 4:06

Instrument :

BNA_F

ClientSampleId :

SB-3-1

Tgt Ion: 70 Resp: 25551

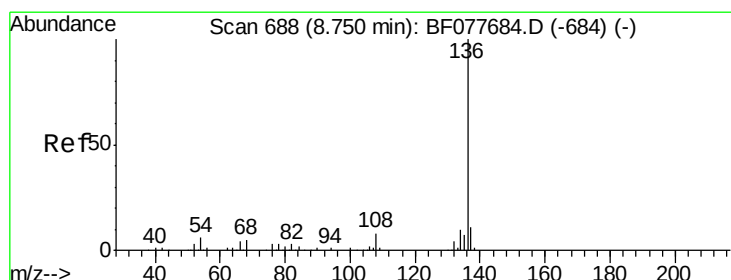
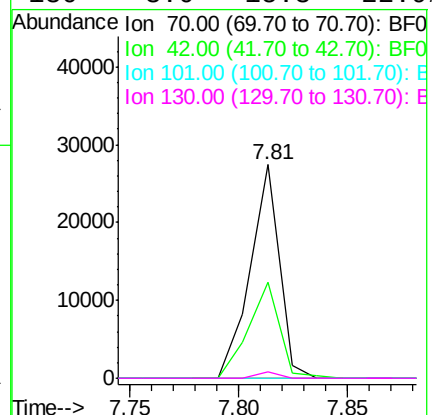
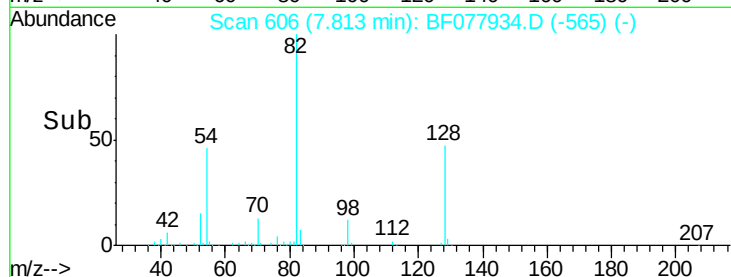
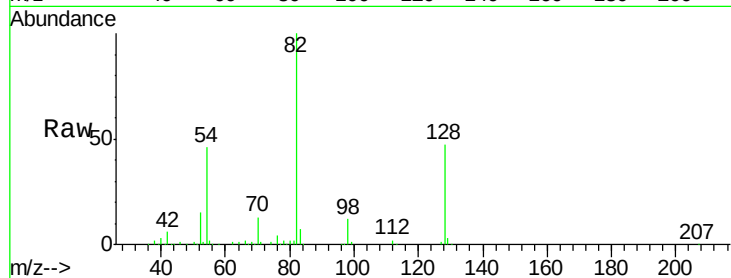
Ion Ratio Lower Upper

70 100

42 44.7 44.5 66.7

101 0.0 7.4 11.2#

130 3.0 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: BF077934.D

Acq: 25 Mar 2015 4:06

Tgt Ion: 136 Resp: 184743

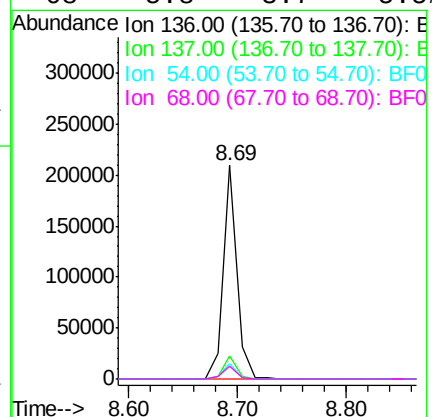
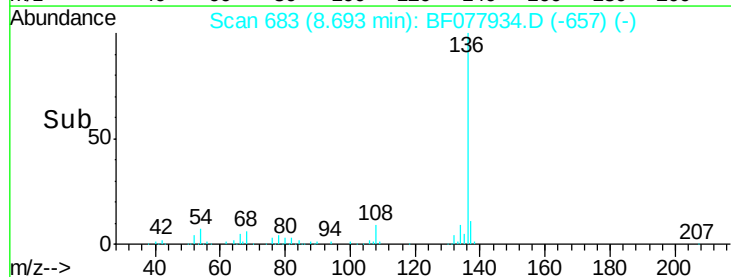
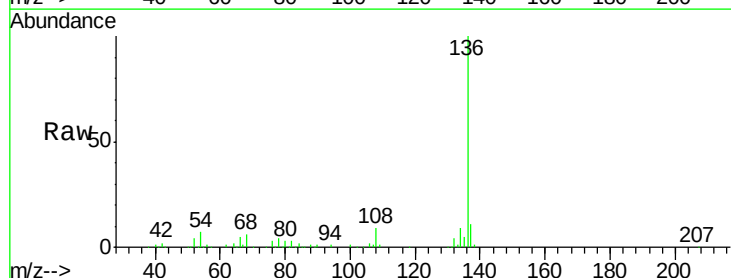
Ion Ratio Lower Upper

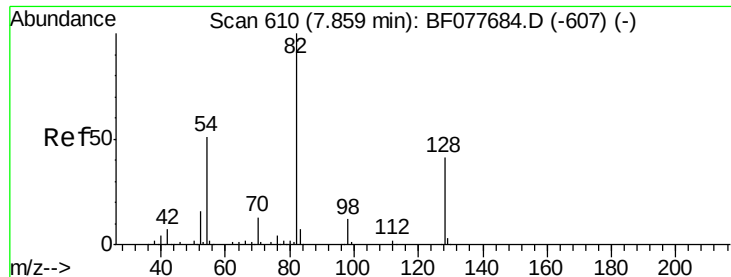
136 100

137 10.7 8.7 13.1

54 7.5 4.6 6.8#

68 5.8 3.7 5.5#

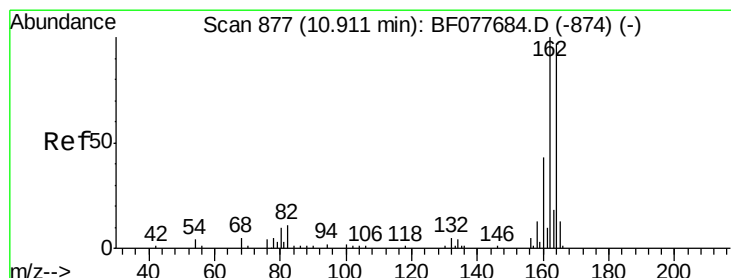
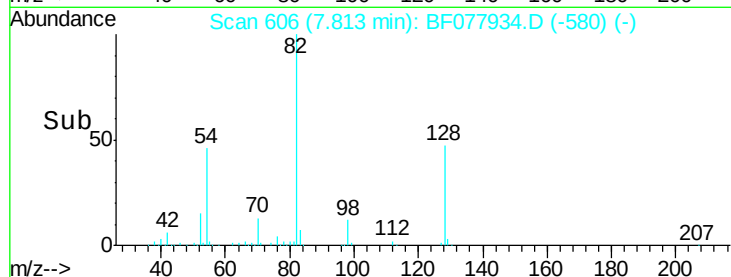
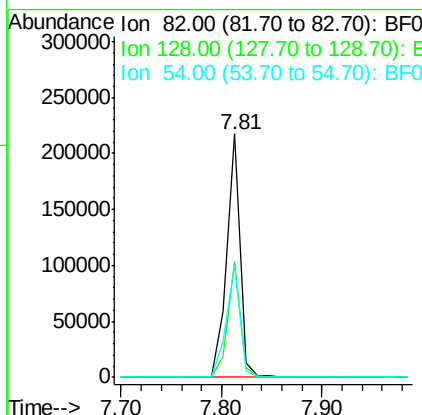
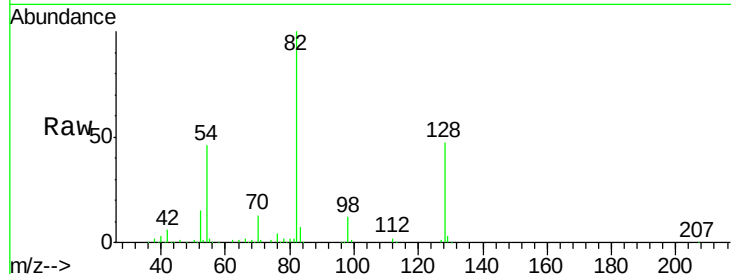




#23
 Nitrobenzene-d5
 Concen: 71.67 ng
 RT: 7.81 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: BF077934.D
 Acq: 25 Mar 2015 4:06

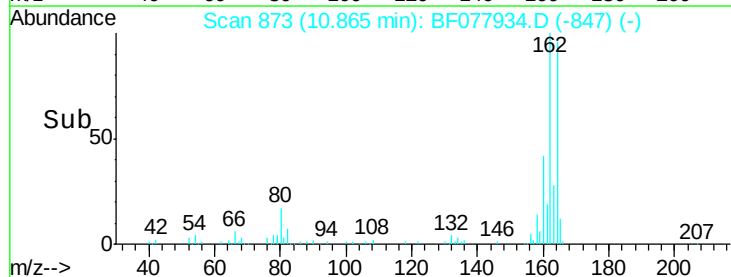
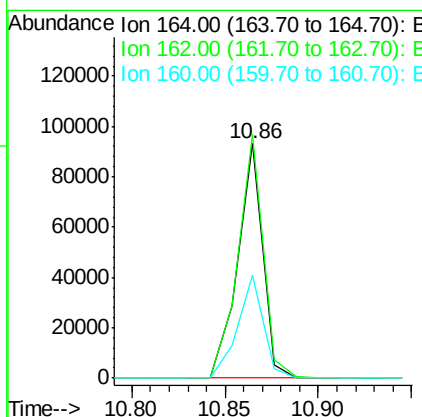
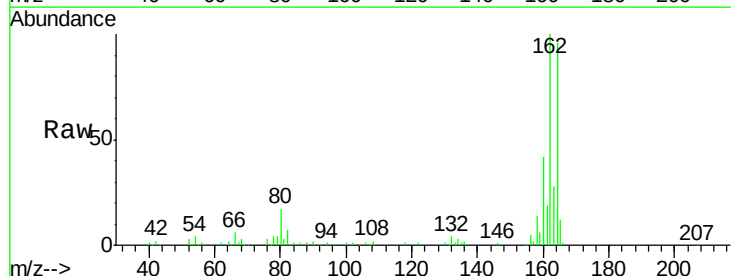
Instrument :
 BNA_F
 ClientSampled :
 SB-3-1

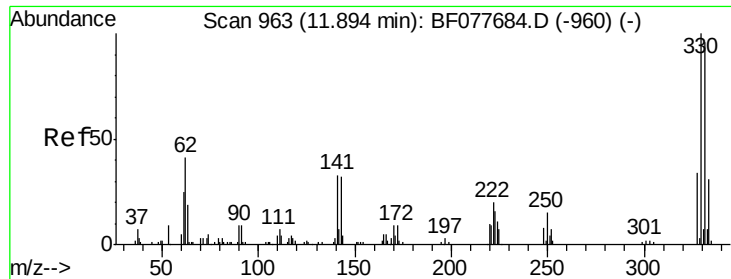
Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.5	32.8	49.2
54	46.1	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.86 min Scan# 873
 Delta R.T. -0.00 min
 Lab File: BF077934.D
 Acq: 25 Mar 2015 4:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.8	82.4	123.6
160	43.9	35.8	53.6

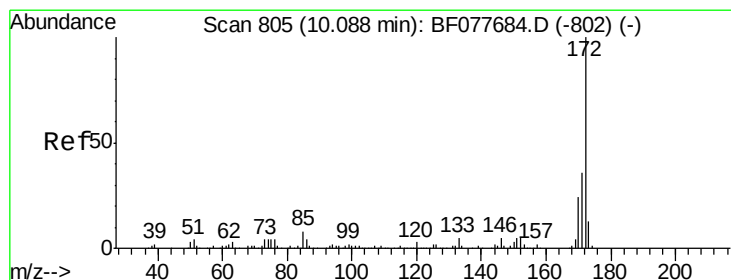
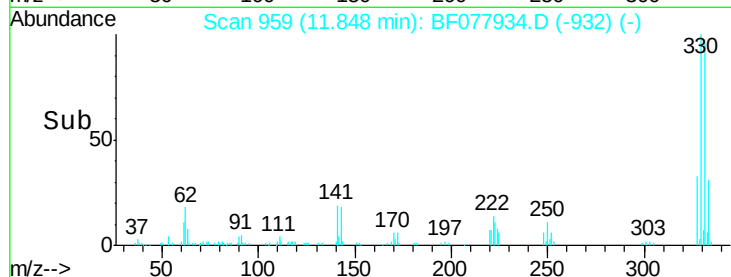
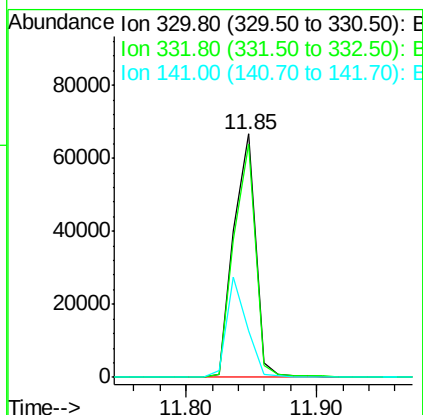
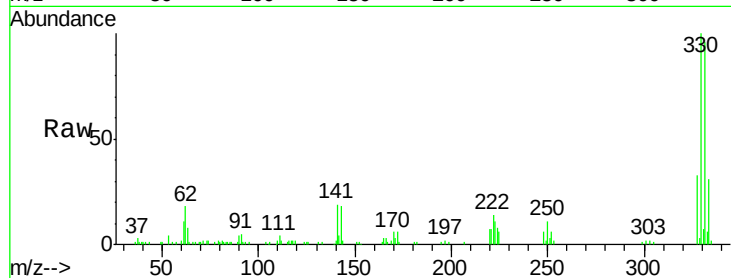




#41
 2,4,6-Tribromophenol
 Concen: 92.71 ng
 RT: 11.85 min Scan# 959
 Delta R.T. 0.01 min
 Lab File: BF077934.D
 Acq: 25 Mar 2015 4:06

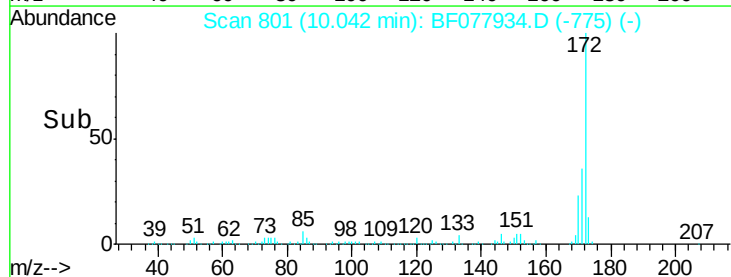
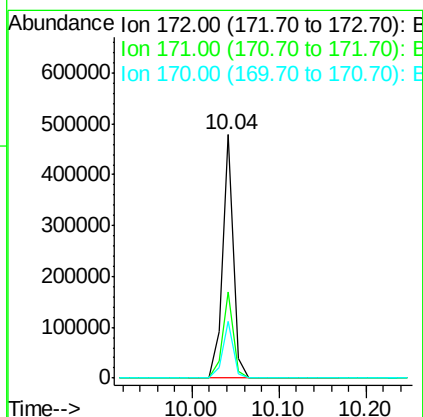
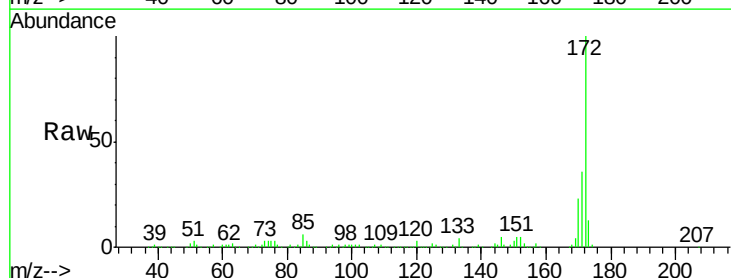
Instrument :
 BNA_F
 ClientSampleId :
 SB-3-1

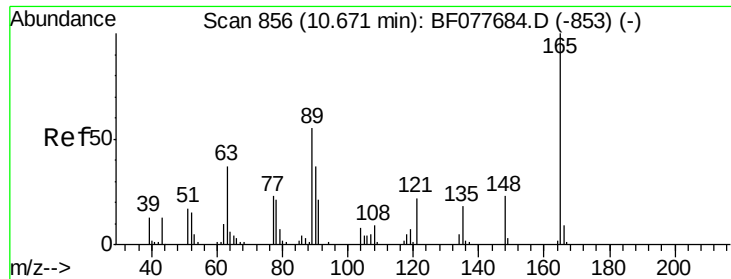
Tgt Ion:330 Resp: 77498
 Ion Ratio Lower Upper
 330 100
 332 95.4 0.0 0.0#
 141 38.4 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 70.96 ng
 RT: 10.04 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BF077934.D
 Acq: 25 Mar 2015 4:06

Tgt Ion:172 Resp: 421861
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.5 42.7
 170 23.4 18.8 28.2

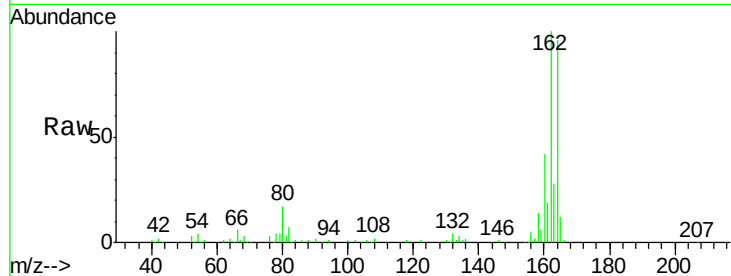




#50
 2,6-Dinitrotoluene
 Concen: 8.54 ng
 RT: 10.86 min Scan# 873
 Delta R.T. 0.24 min
 Lab File: BF077934.D
 Acq: 25 Mar 2015 4:06

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-1

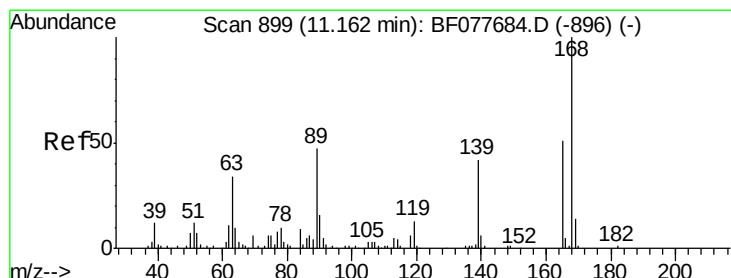
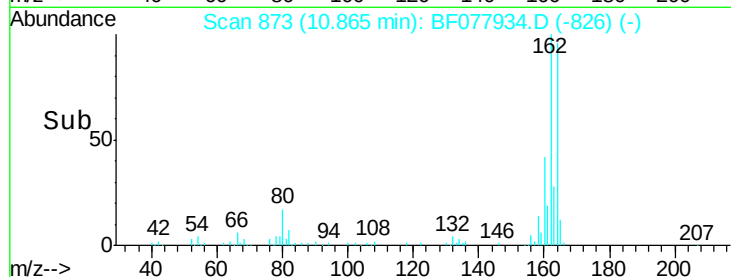
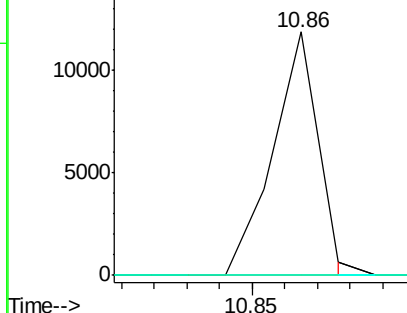
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.1	66.1#
89	0.0	44.3	66.5#



Abundance Ion 165.00 (164.70 to 165.70): E

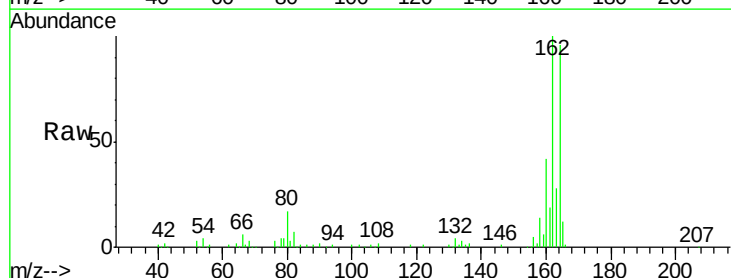
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 6.55 ng
 RT: 10.86 min Scan# 873
 Delta R.T. -0.25 min
 Lab File: BF077934.D
 Acq: 25 Mar 2015 4:06

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#

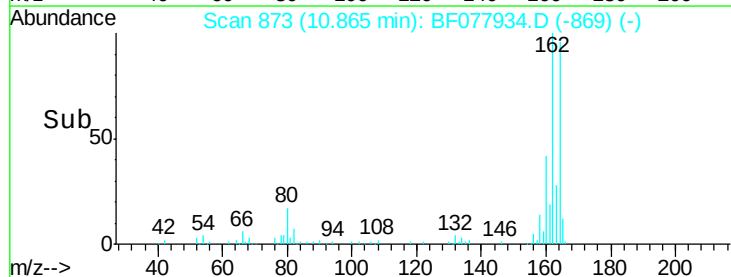
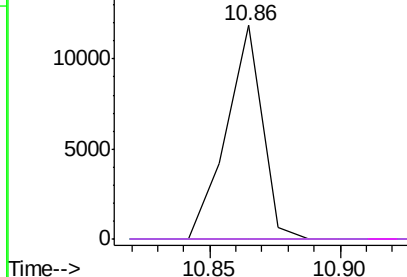


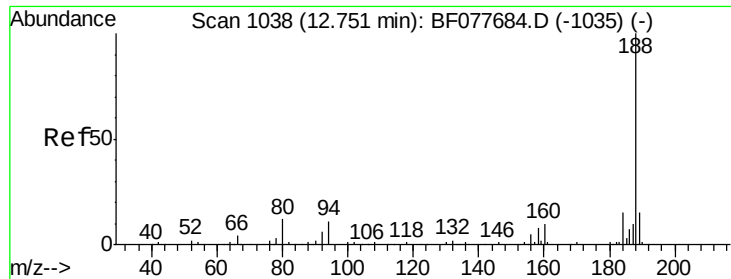
Abundance Ion 165.00 (164.70 to 165.70): E

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

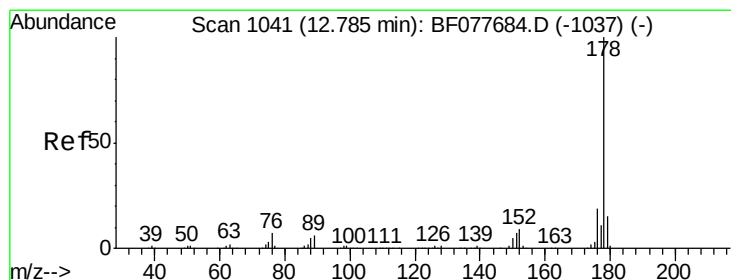
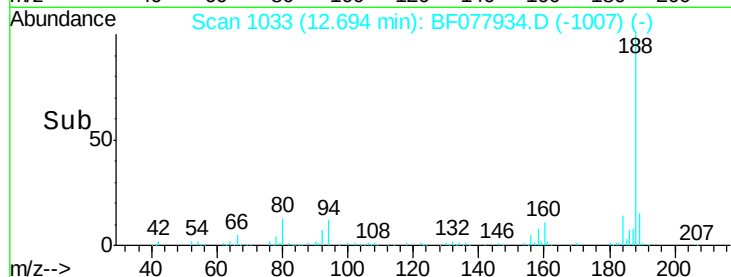
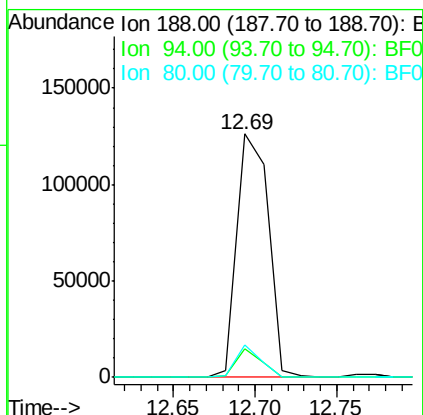
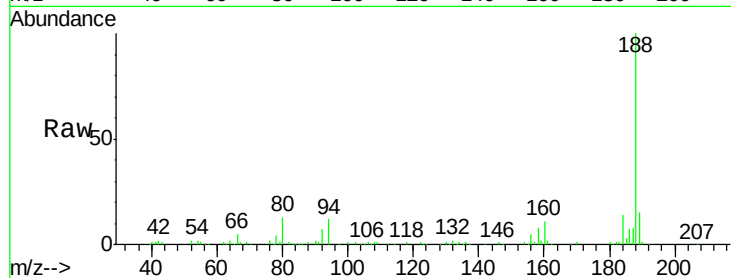




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.69 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF077934.D
Acq: 25 Mar 2015 4:06

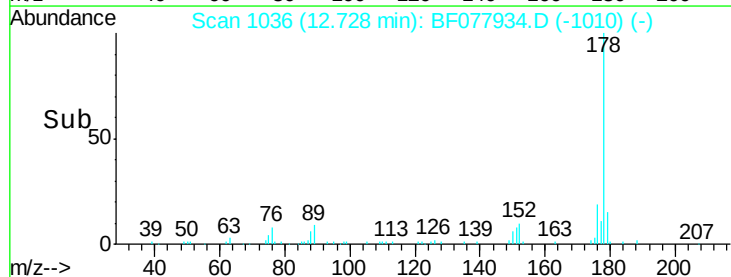
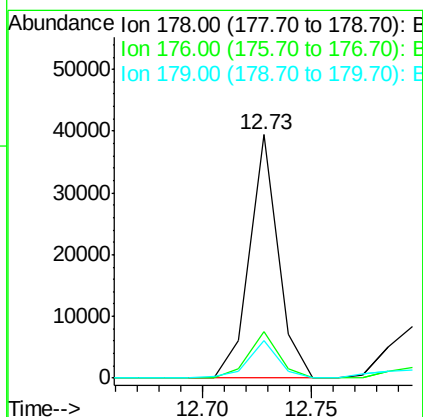
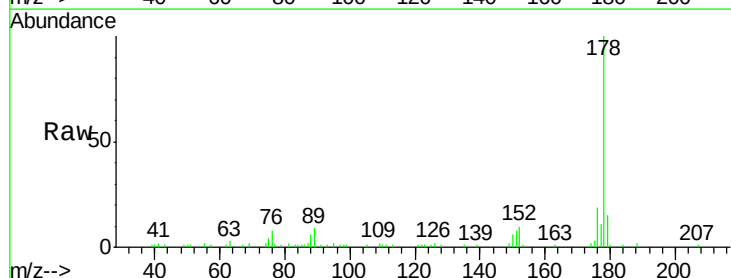
Instrument :
BNA_F
ClientSampleId :
SB-3-1

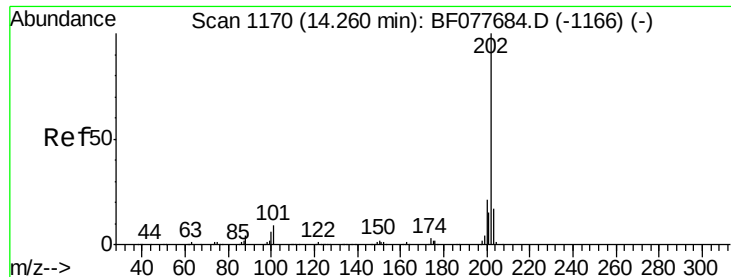
Tgt Ion:188 Resp: 167992
Ion Ratio Lower Upper
188 100
94 11.9 8.7 13.1
80 13.5 9.3 13.9



#70
Phenanthrene
Concen: 3.74 ng
RT: 12.73 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF077934.D
Acq: 25 Mar 2015 4:06

Tgt Ion:178 Resp: 36059
Ion Ratio Lower Upper
178 100
176 19.1 15.2 22.8
179 15.4 12.1 18.1





#74

Fluoranthene

Concen: 5.77 ng

RT: 14.20 min Scan# 1165

Delta R.T. -0.00 min

Lab File: BF077934.D

Acq: 25 Mar 2015 4:06

Instrument :

BNA_F

ClientSampleId :

SB-3-1

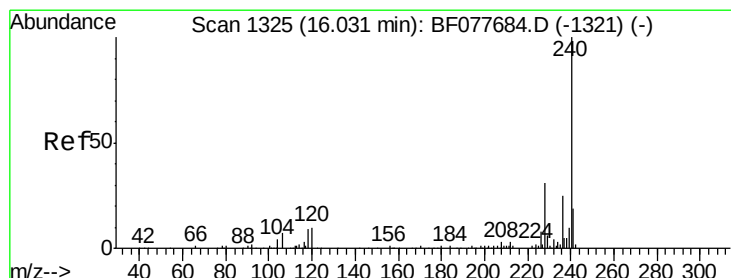
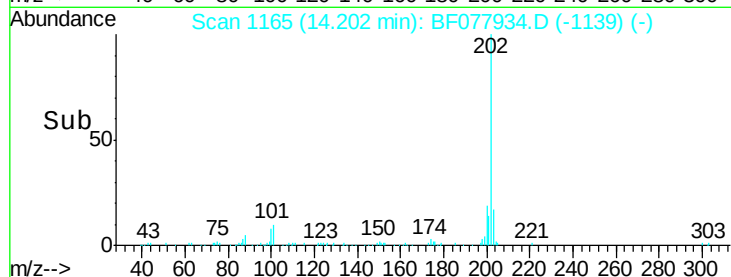
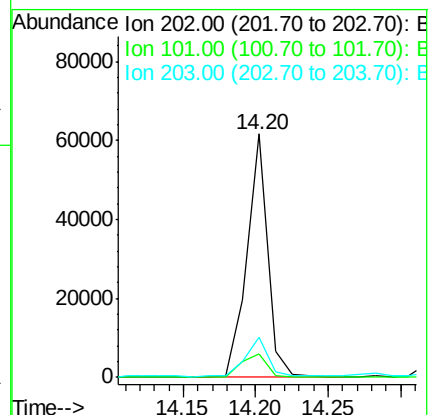
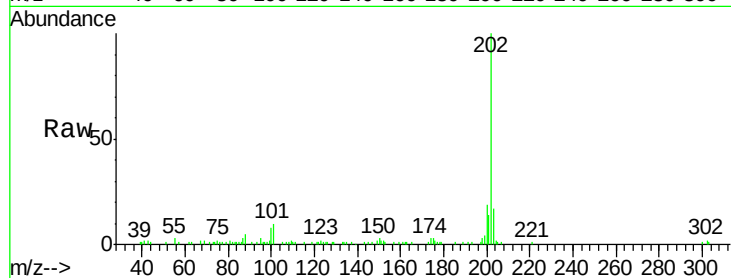
Tgt Ion:202 Resp: 61396

Ion Ratio Lower Upper

202 100

101 9.7 0.0 28.7

203 16.6 0.0 37.2



#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.99 min Scan# 1321

Delta R.T. -0.00 min

Lab File: BF077934.D

Acq: 25 Mar 2015 4:06

Tgt Ion:240 Resp: 184095

Ion Ratio Lower Upper

240 100

120 10.4 8.2 12.2

236 25.2 20.0 30.0

