

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032415\
 Data File : BF077937.D
 Acq On : 25 Mar 2015 5:32
 Operator : TP/IZ
 Sample : G1613-09
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-5-1

Quant Time: Mar 25 05:59:14 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

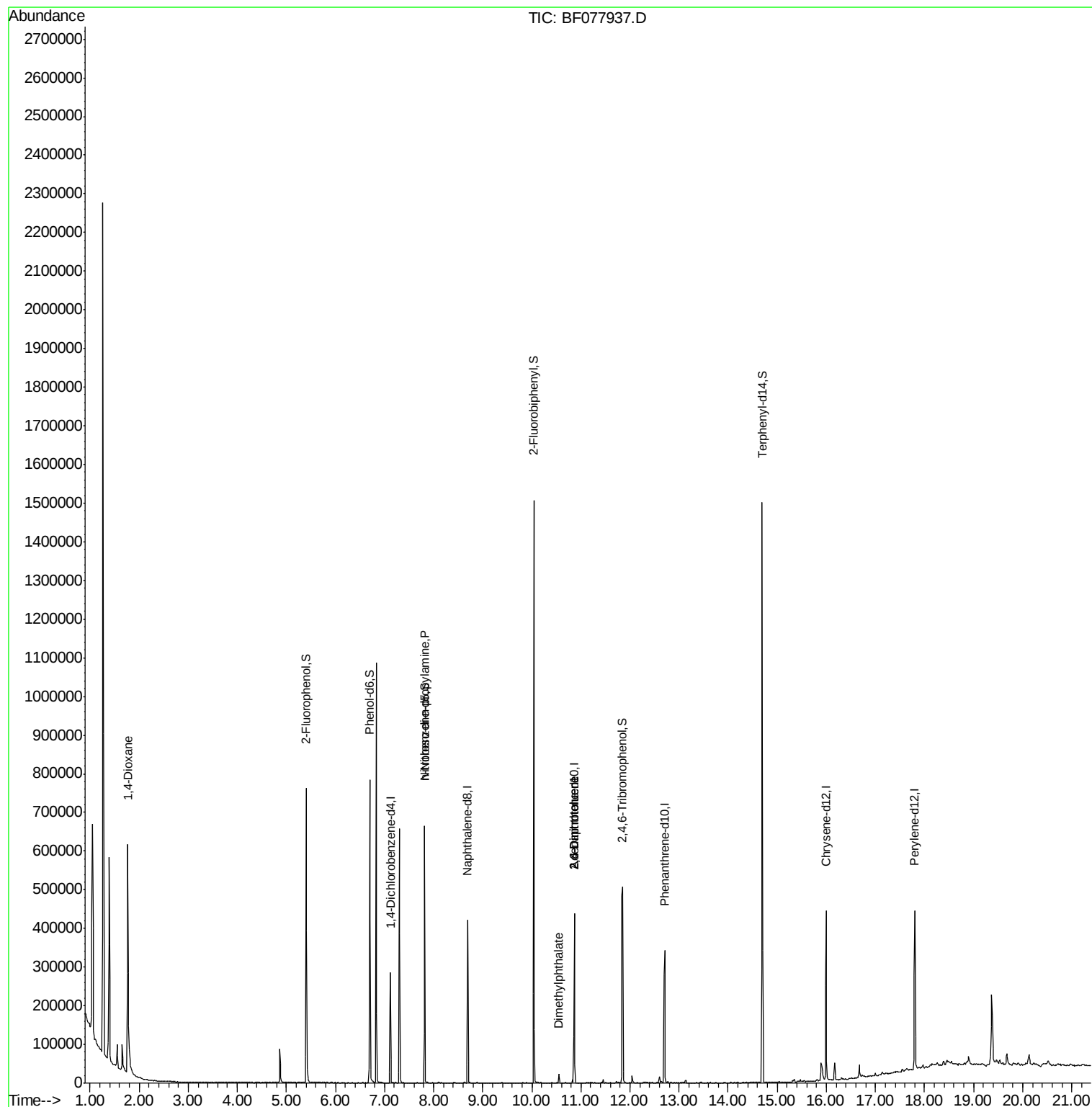
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.12	152	44861	20.00	ng	0.00
21) Naphthalene-d8	8.69	136	188125	20.00	ng	0.00
38) Acenaphthene-d10	10.86	164	92871	20.00	ng	0.00
63) Phenanthrene-d10	12.71	188	185100	20.00	ng	0.01
75) Chrysene-d12	16.00	240	194845	20.00	ng	0.01
86) Perylene-d12	17.80	264	196761	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	269697	104.94	ng	0.00
7) Phenol-d6	6.69	99	341755	107.63	ng	0.00
23) Nitrobenzene-d5	7.81	82	208848	72.77	ng	0.00
41) 2,4,6-Tribromophenol	11.85	330	88861	100.00	ng	0.01
44) 2-Fluorobiphenyl	10.04	172	456794	72.28	ng	0.00
78) Terphenyl-d14	14.69	244	521290	65.35	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.77	88	25197	21.59	ng	# 100
19) n-Nitroso-di-n-propylamine	7.81	70	26357	12.00	ng	# 78
49) Dimethylphthalate	10.54	163	15552	2.26	ng	96
50) 2,6-Dinitrotoluene	10.86	165	12119	8.49	ng	# 24
56) 2,4-Dinitrotoluene	10.86	165	12119	6.51	ng	# 11

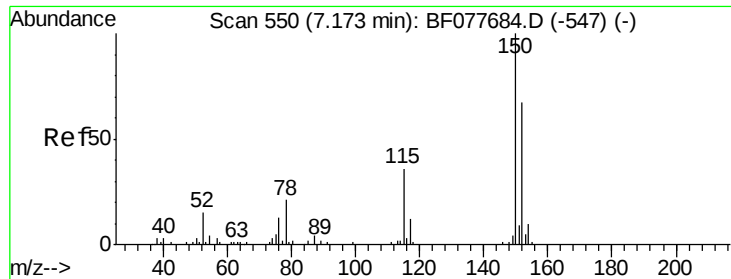
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 25 04:36:48 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: BF077937.D

Acq: 25 Mar 2015 5:32

Instrument :

BNA_F

ClientSampled :

SB-5-1

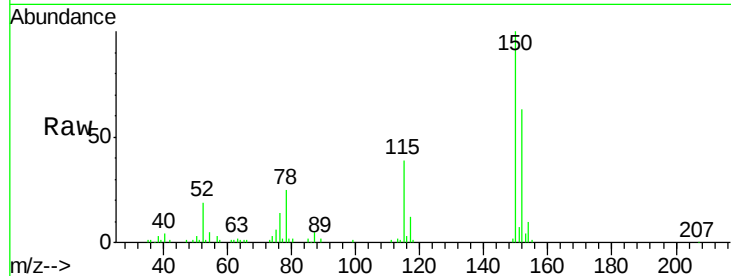
Tgt Ion:152 Resp: 44861

Ion Ratio Lower Upper

152 100

150 159.9 119.5 179.3

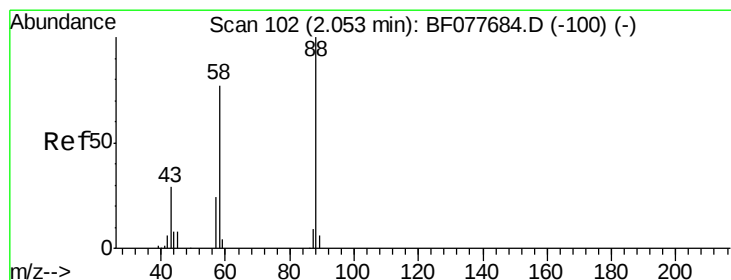
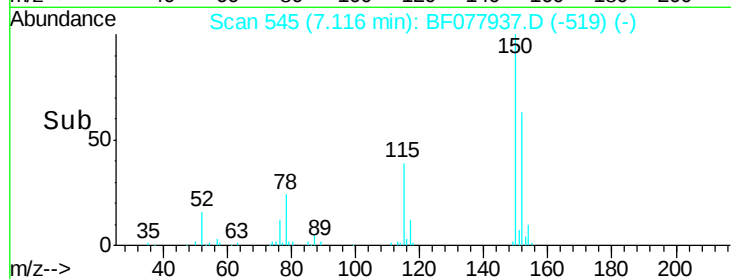
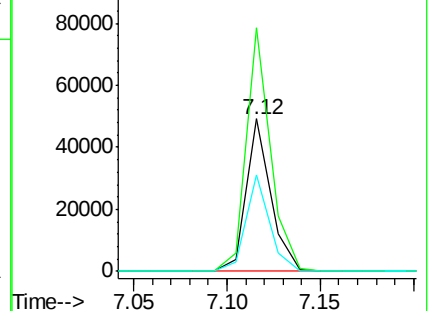
115 63.1 43.0 64.4



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



#2

1,4-Dioxane

Concen: 21.59 ng

RT: 1.77 min Scan# 77

Delta R.T. -0.22 min

Lab File: BF077937.D

Acq: 25 Mar 2015 5:32

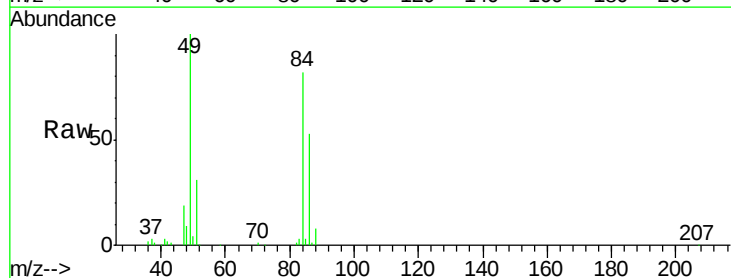
Tgt Ion: 88 Resp: 25197

Ion Ratio Lower Upper

88 100

58 0.0 0.0 0.0

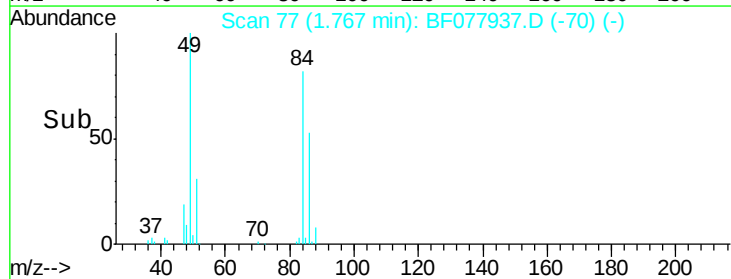
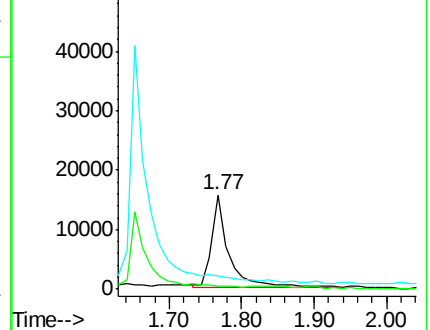
43 0.0 0.0 0.0

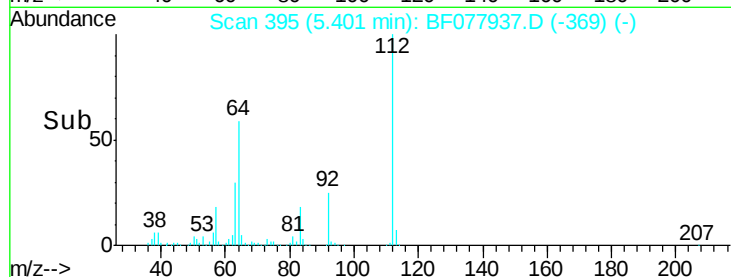
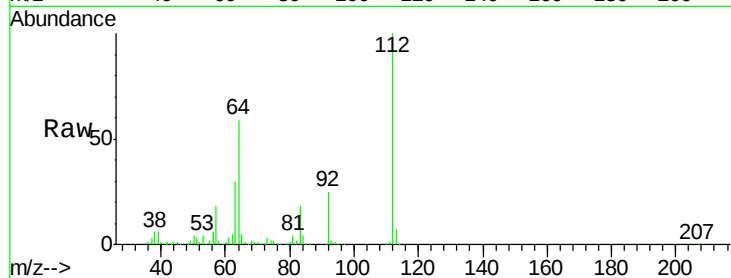
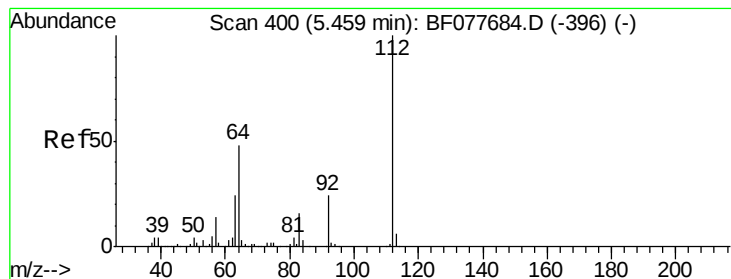


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 104.94 ng

RT: 5.40 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF077937.D

Acq: 25 Mar 2015 5:32

Instrument :

BNA_F

ClientSampleId :

SB-5-1

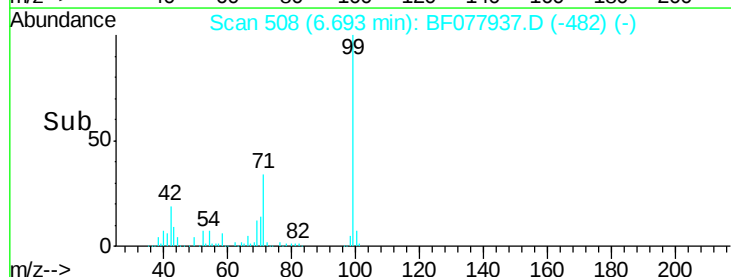
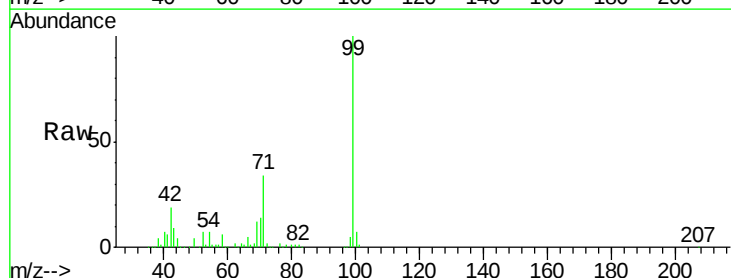
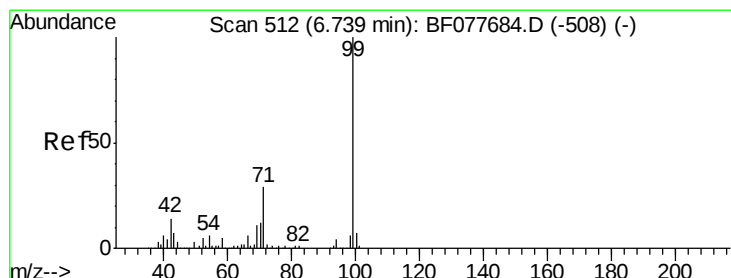
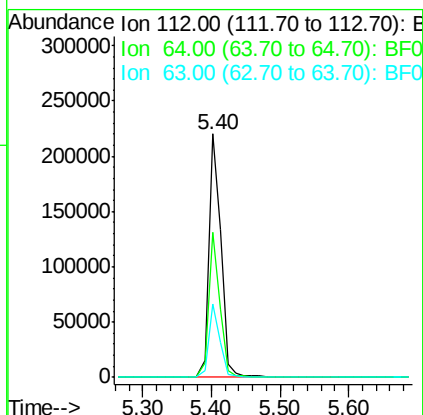
Tgt Ion: 112 Resp: 269697

Ion Ratio Lower Upper

112 100

64 59.4 38.6 57.8#

63 30.3 19.3 28.9#



#7

Phenol-d6

Concen: 107.63 ng

RT: 6.69 min Scan# 508

Delta R.T. -0.00 min

Lab File: BF077937.D

Acq: 25 Mar 2015 5:32

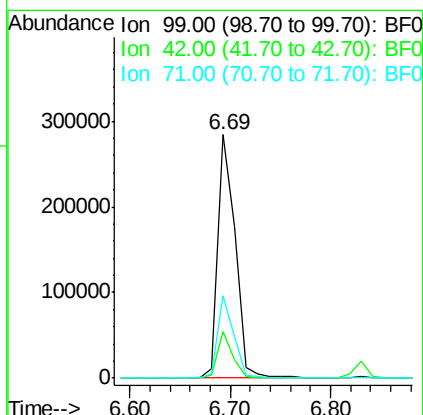
Tgt Ion: 99 Resp: 341755

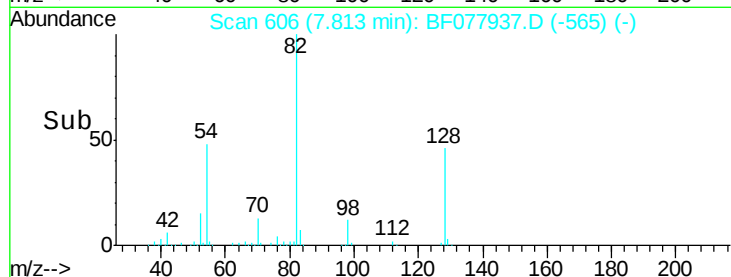
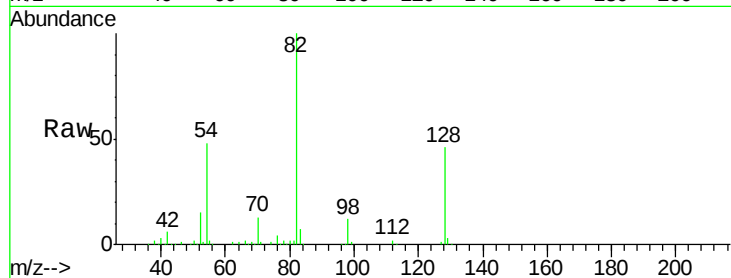
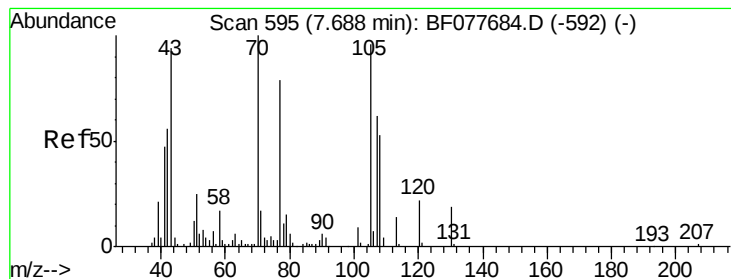
Ion Ratio Lower Upper

99 100

42 19.1 11.0 16.4#

71 33.8 23.4 35.2





#19

n-Nitroso-di-n-propylamine

Concen: 12.00 ng

RT: 7.81 min Scan# 606

Delta R.T. 0.17 min

Lab File: BF077937.D

Acq: 25 Mar 2015 5:32

Instrument :

BNA_F

ClientSampleId :

SB-5-1

Tgt Ion: 70 Resp: 26357

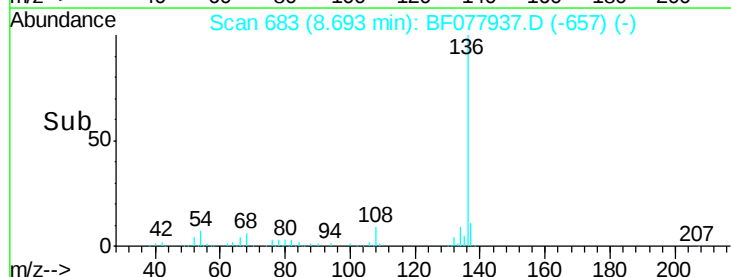
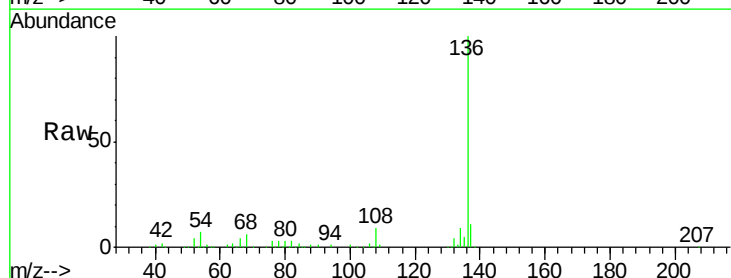
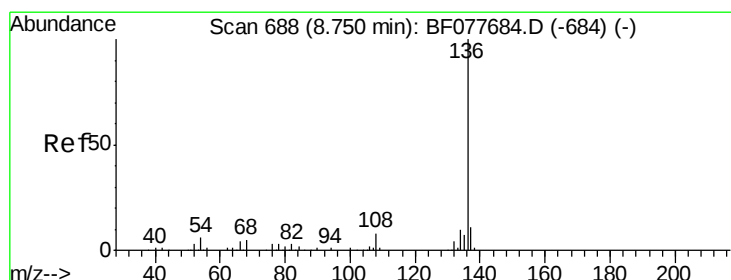
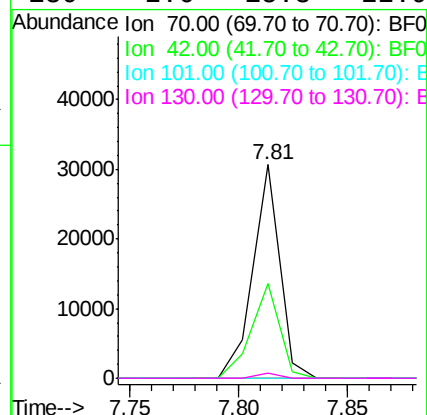
Ion Ratio Lower Upper

70 100

42 44.1 44.5 66.7#

101 0.0 7.4 11.2#

130 2.6 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: BF077937.D

Acq: 25 Mar 2015 5:32

Tgt Ion: 136 Resp: 188125

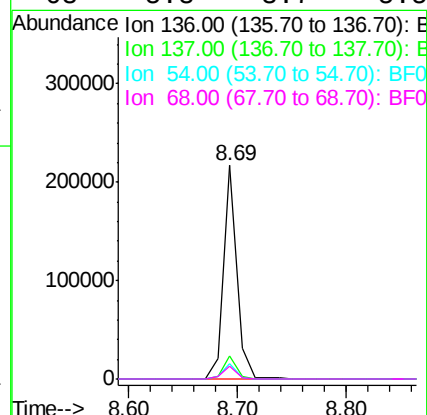
Ion Ratio Lower Upper

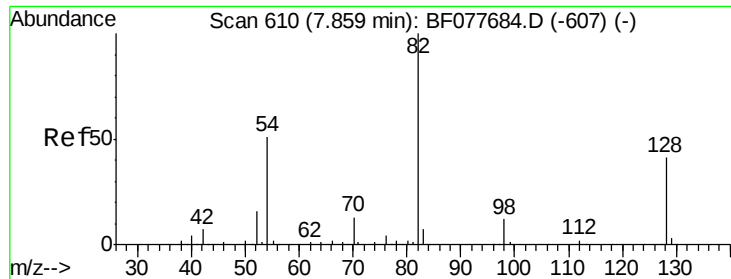
136 100

137 11.0 8.7 13.1

54 7.3 4.6 6.8#

68 5.8 3.7 5.5#

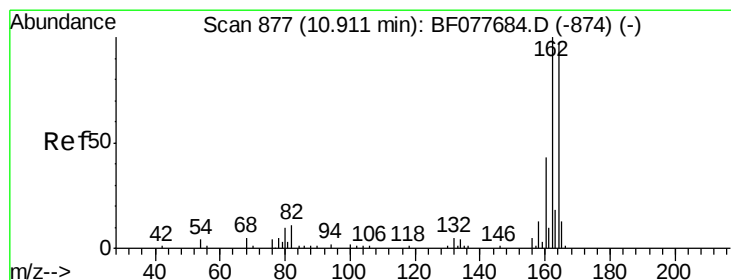
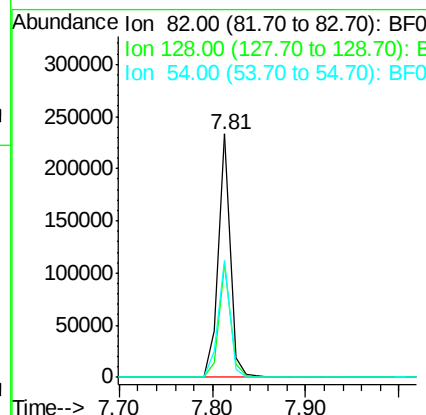
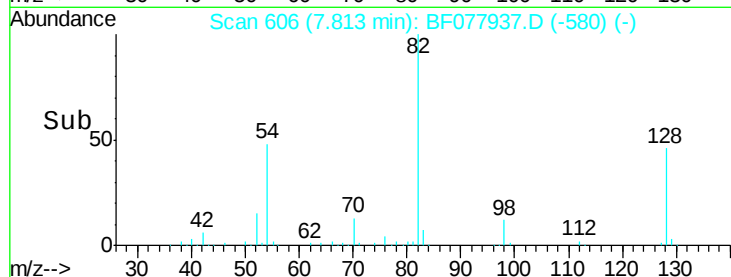
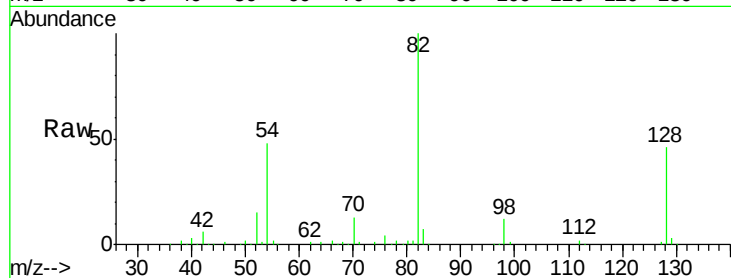




#23
 Nitrobenzene-d5
 Concen: 72.77 ng
 RT: 7.81 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: BF077937.D
 Acq: 25 Mar 2015 5:32

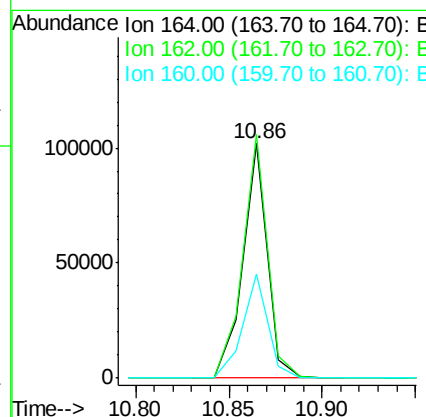
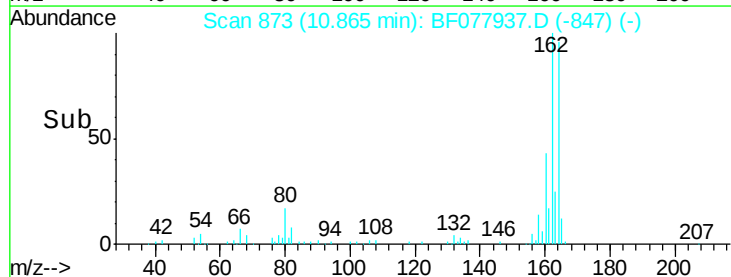
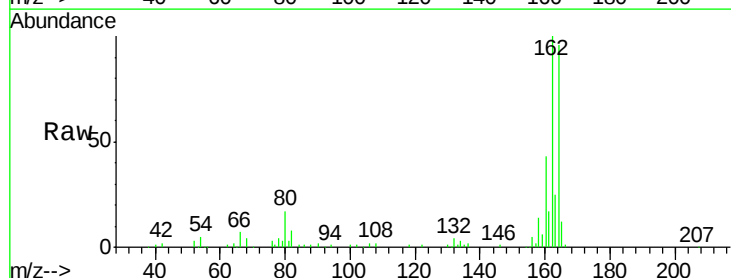
Instrument :
 BNA_F
 ClientSampleId :
 SB-5-1

Tgt Ion: 82 Resp: 208848
 Ion Ratio Lower Upper
 82 100
 128 46.2 32.8 49.2
 54 48.0 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: BF077937.D
 Acq: 25 Mar 2015 5:32

Tgt Ion: 164 Resp: 92871
 Ion Ratio Lower Upper
 164 100
 162 104.0 82.4 123.6
 160 44.3 35.8 53.6

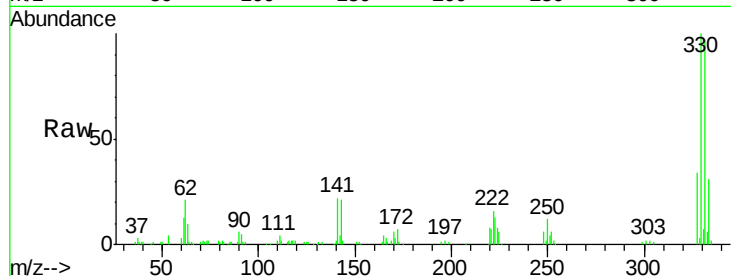




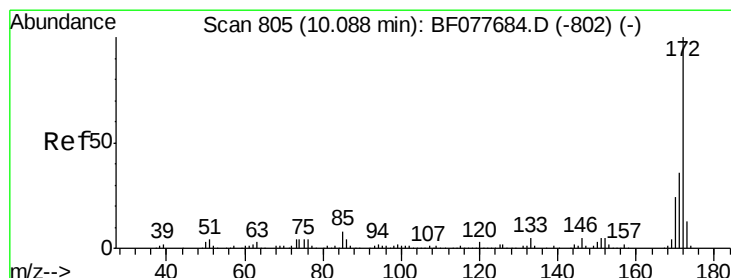
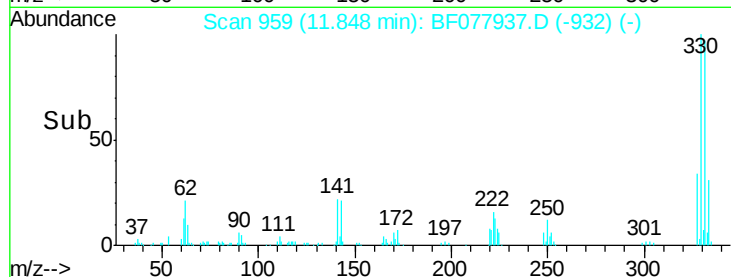
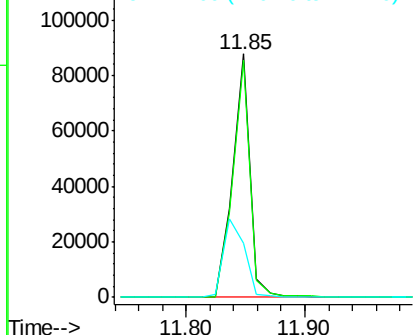
#41
 2,4,6-Tribromophenol
 Concen: 100.00 ng
 RT: 11.85 min Scan# 959
 Delta R.T. 0.01 min
 Lab File: BF077937.D
 Acq: 25 Mar 2015 5:32

Instrument :
 BNA_F
 ClientSampleId :
 SB-5-1

Tgt Ion:330 Resp: 88861
 Ion Ratio Lower Upper
 330 100
 332 97.0 0.0 0.0#
 141 39.0 0.0 0.0#

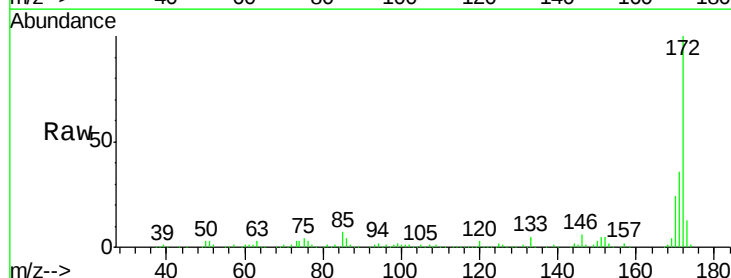


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

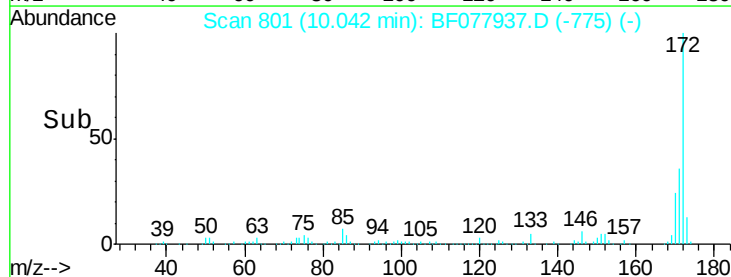
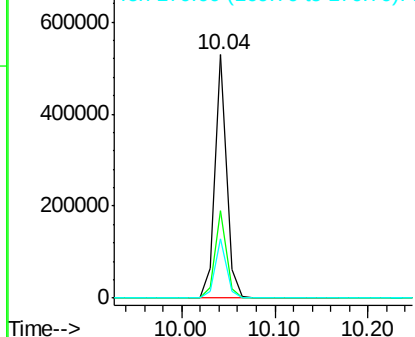


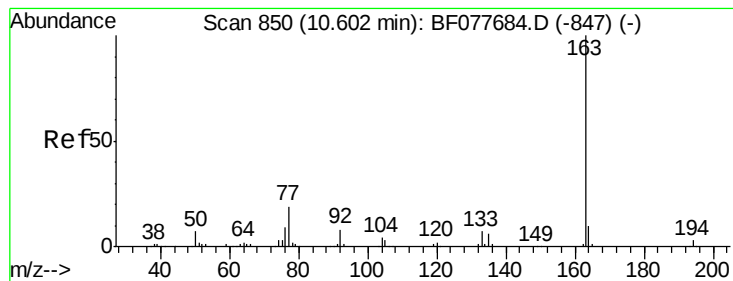
#44
 2-Fluorobiphenyl
 Concen: 72.28 ng
 RT: 10.04 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BF077937.D
 Acq: 25 Mar 2015 5:32

Tgt Ion:172 Resp: 456794
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.5 42.7
 170 24.2 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: 2.26 ng

RT: 10.54 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF077937.D

Acq: 25 Mar 2015 5:32

Instrument :

BNA_F

ClientSampleId :

SB-5-1

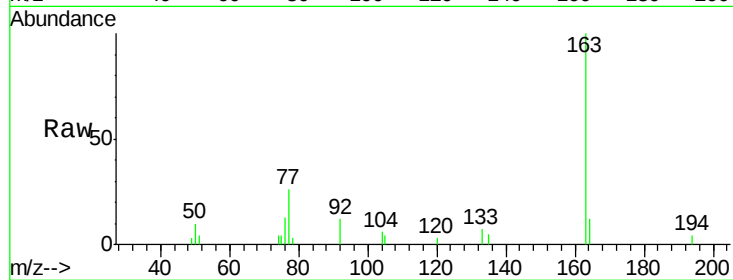
Tgt Ion:163 Resp: 15552

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

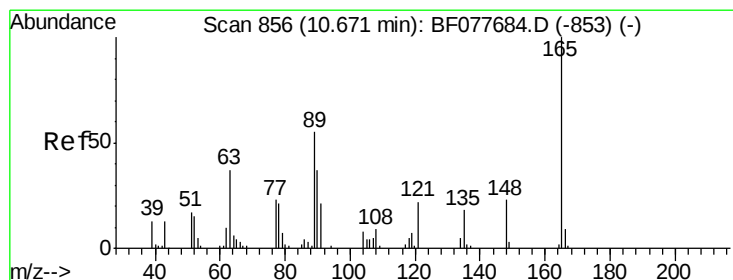
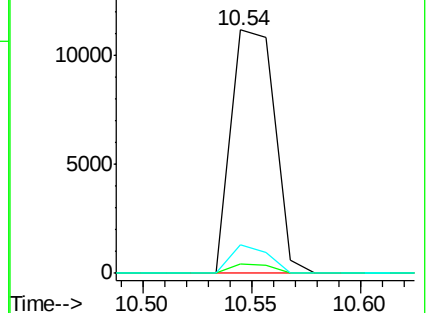
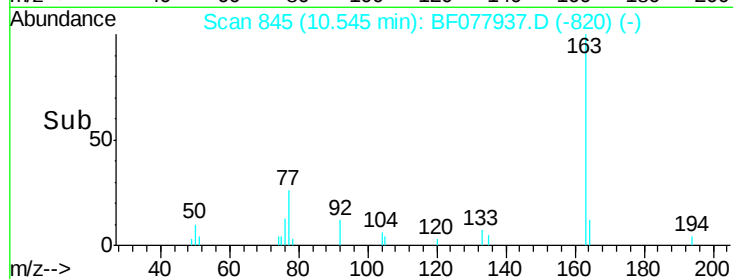
164 11.9 8.2 12.2



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: 8.49 ng

RT: 10.86 min Scan# 873

Delta R.T. 0.24 min

Lab File: BF077937.D

Acq: 25 Mar 2015 5:32

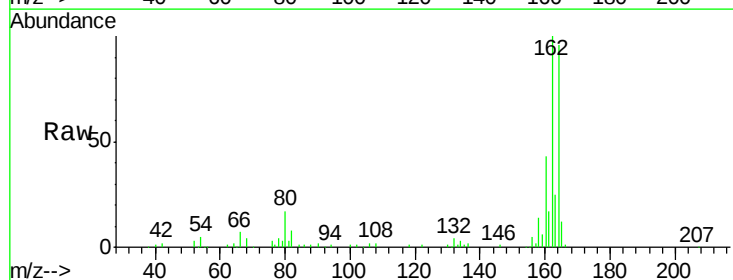
Tgt Ion:165 Resp: 12119

Ion Ratio Lower Upper

165 100

63 0.0 44.1 66.1#

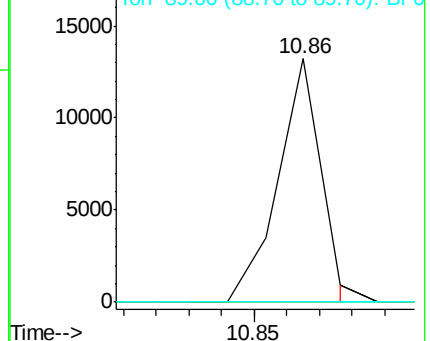
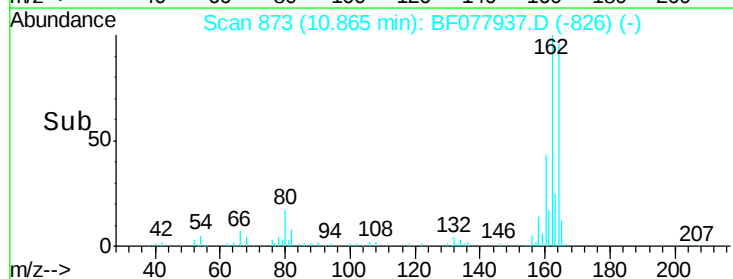
89 0.0 44.3 66.5#

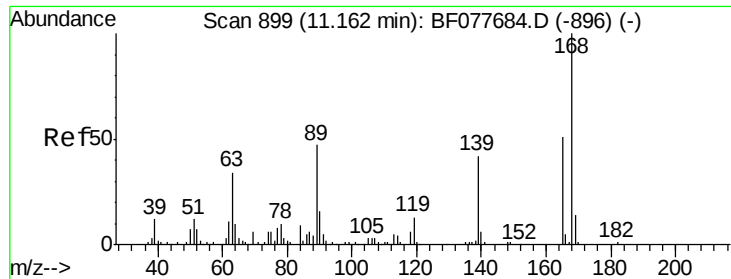


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

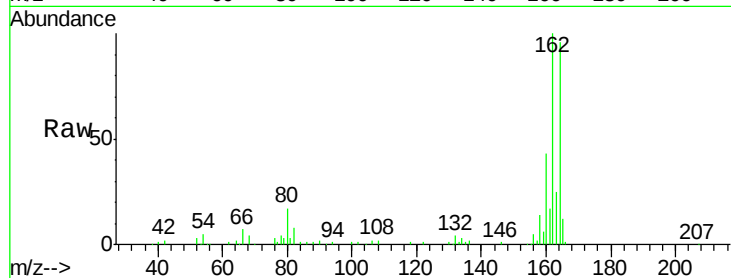




#56
 2,4-Dinitrotoluene
 Concen: 6.51 ng
 RT: 10.86 min Scan# 873
 Delta R.T. -0.25 min
 Lab File: BF077937.D
 Acq: 25 Mar 2015 5:32

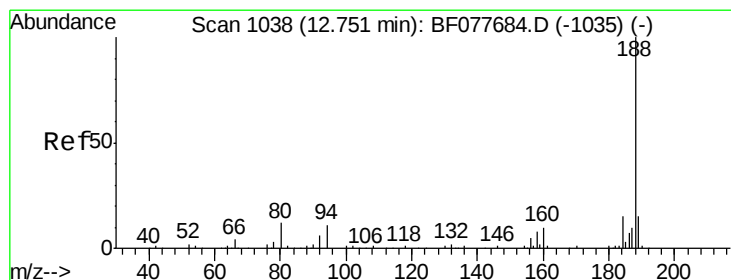
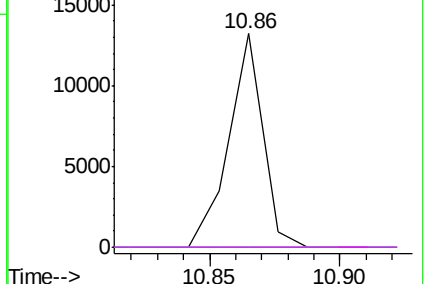
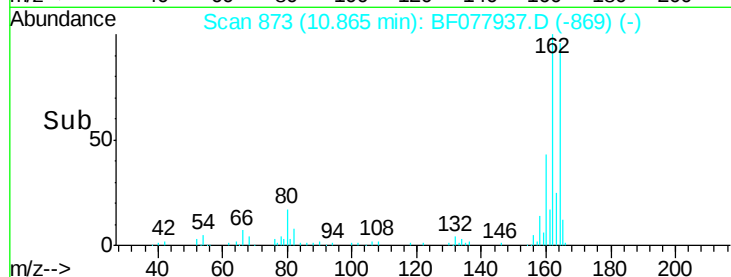
Instrument :
 BNA_F
 ClientSampleId :
 SB-5-1

Tgt Ion:165 Resp: 12119
 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#



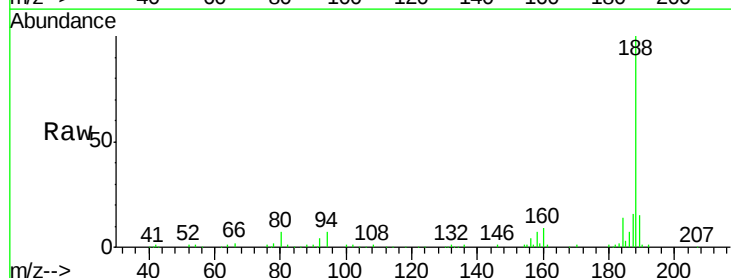
Abundance Ion 165.00 (164.70 to 165.70): E

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



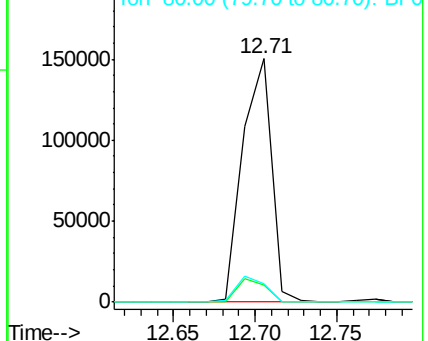
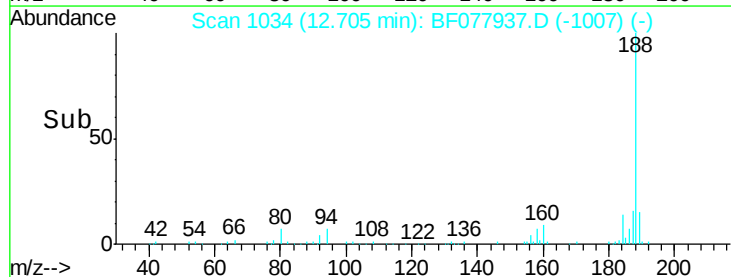
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.71 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: BF077937.D
 Acq: 25 Mar 2015 5:32

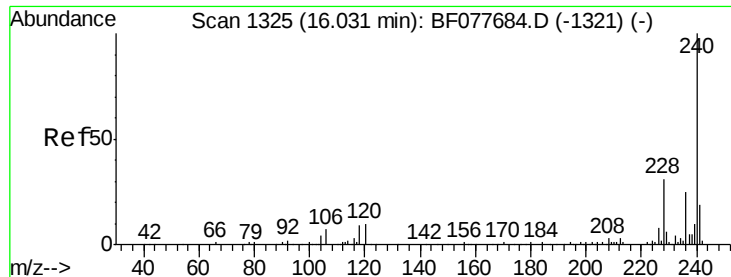
Tgt Ion:188 Resp: 185100
 Ion Ratio Lower Upper
 188 100
 94 7.0 8.7 13.1#
 80 7.3 9.3 13.9#



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

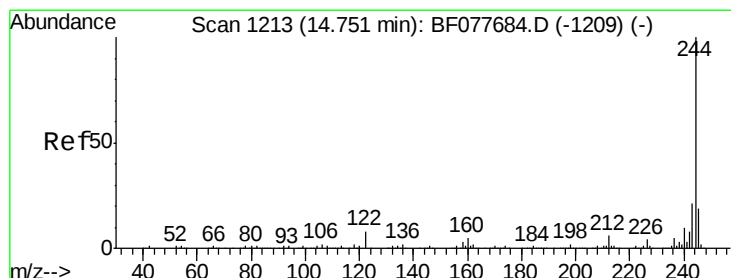
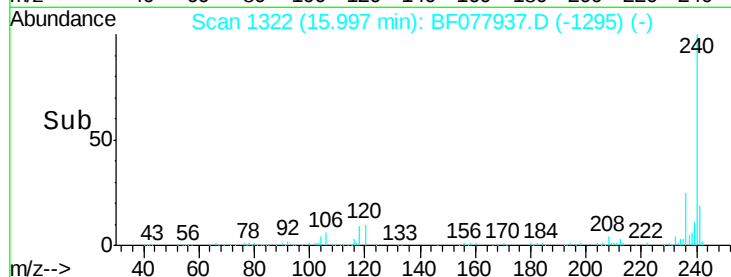
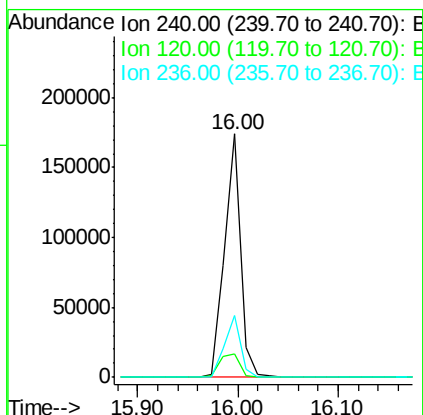
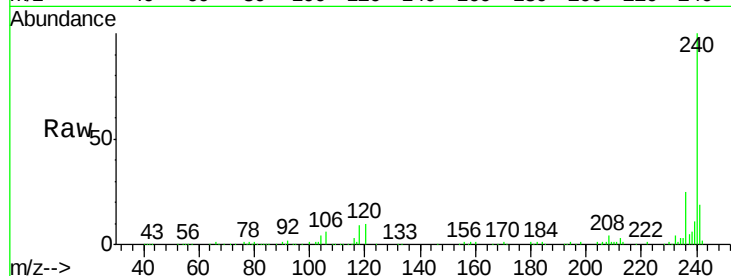




#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.00 min Scan# 1322
Delta R.T. 0.01 min
Lab File: BF077937.D
Acq: 25 Mar 2015 5:32

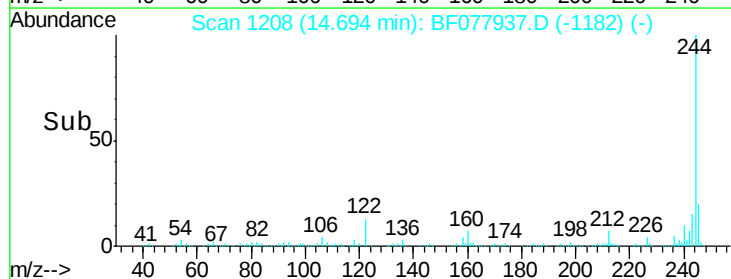
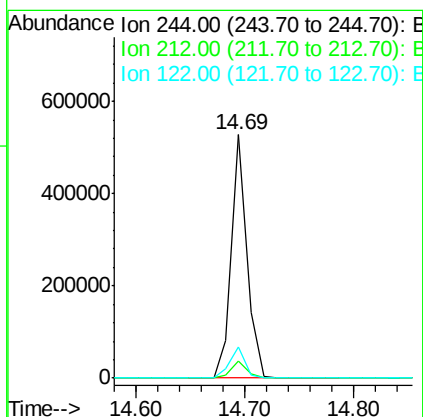
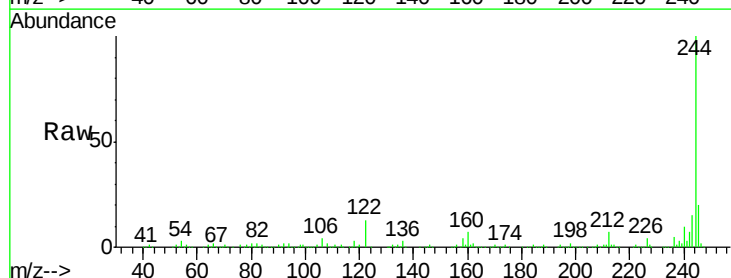
Instrument :
BNA_F
ClientSampleId :
SB-5-1

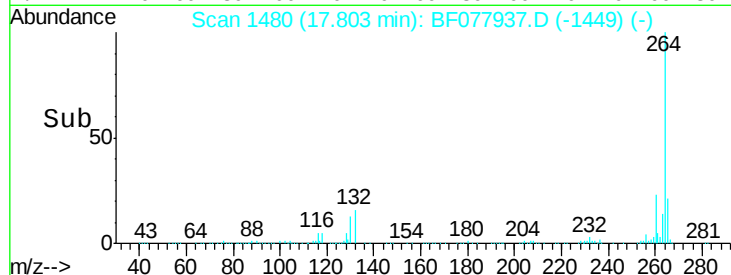
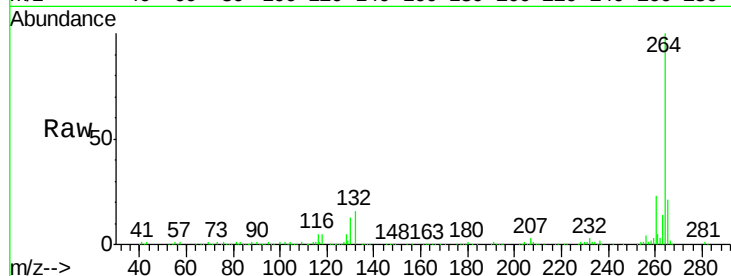
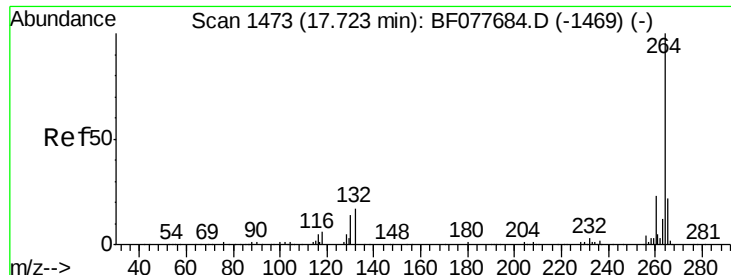
Tgt Ion:240 Resp: 194845
Ion Ratio Lower Upper
240 100
120 9.6 8.2 12.2
236 25.5 20.0 30.0



#78
Terphenyl-d14
Concen: 65.35 ng
RT: 14.69 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BF077937.D
Acq: 25 Mar 2015 5:32

Tgt Ion:244 Resp: 521290
Ion Ratio Lower Upper
244 100
212 6.9 4.9 7.3
122 12.8 6.2 9.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 17.80 min Scan# 1480
Delta R.T. 0.06 min
Lab File: BF077937.D
Acq: 25 Mar 2015 5:32

Instrument :
BNA_F
ClientSampleId :
SB-5-1

Tgt Ion:	264	Resp:	196761
Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	27.8
265	21.3	17.3	25.9

