

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032515\
 Data File : BF077961.D
 Acq On : 25 Mar 2015 19:53
 Operator : TP/IZ
 Sample : PB82321BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82321BL

Quant Time: Mar 26 00:05:24 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 26 00:45:24 2015
 Response via : Initial Calibration

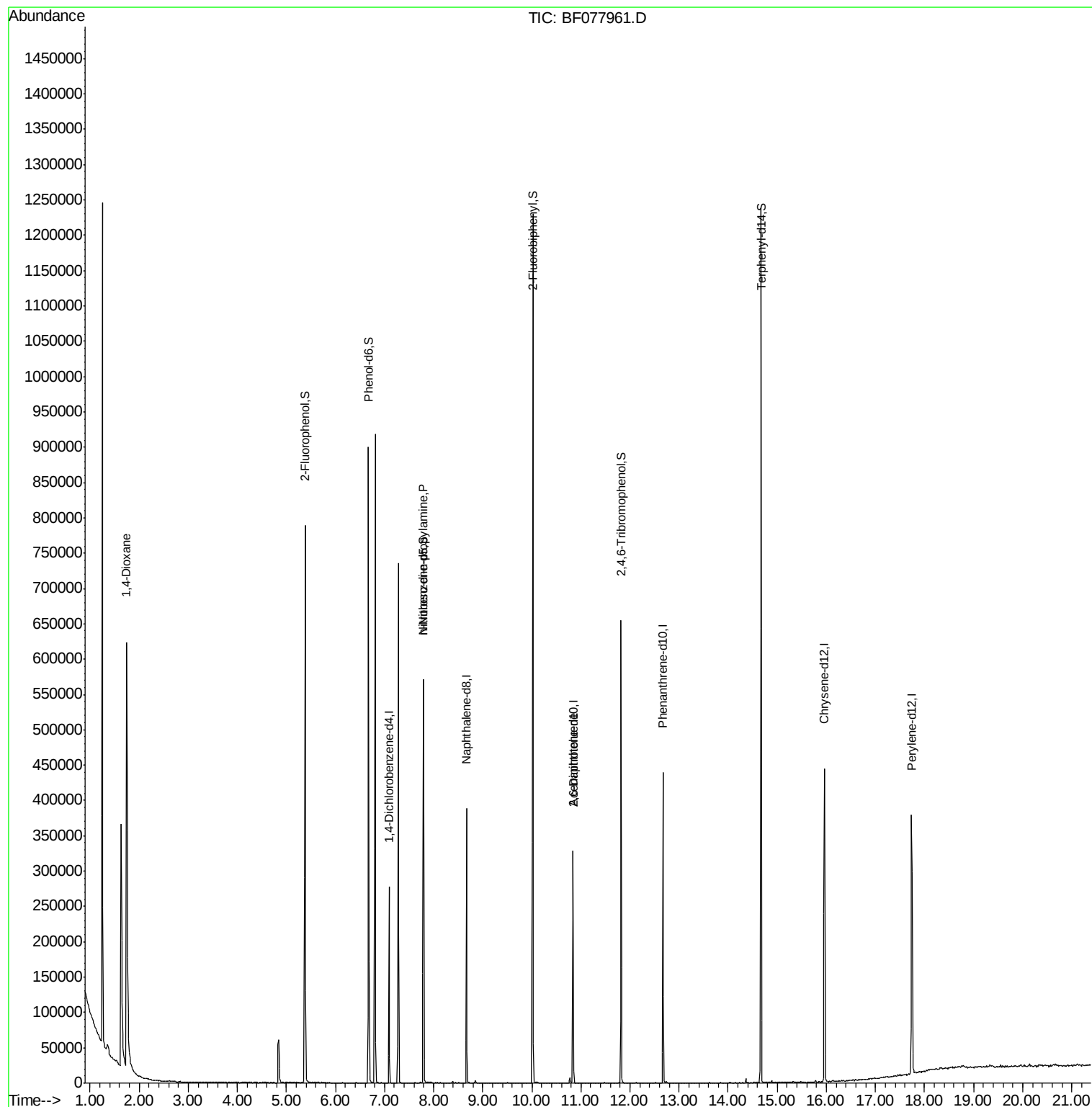
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	43231	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	175579	20.00	ng	0.00
38) Acenaphthene-d10	10.84	164	87699	20.00	ng	0.00
63) Phenanthrene-d10	12.67	188	175552	20.00	ng	-0.01
75) Chrysene-d12	15.96	240	197233	20.00	ng	-0.01
86) Perylene-d12	17.73	264	197845	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	259324	104.71	ng	0.00
7) Phenol-d6	6.67	99	310384	101.43	ng	0.00
23) Nitrobenzene-d5	7.79	82	184665	68.94	ng	0.00
41) 2,4,6-Tribromophenol	11.81	330	76030	90.61	ng	-0.01
44) 2-Fluorobiphenyl	10.02	172	401699	67.31	ng	0.00
78) Terphenyl-d14	14.67	244	493007	61.06	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.74	88	26259	23.35	ng	# 100
19) n-Nitroso-di-n-propylamine	7.79	70	23331	11.02	ng	# 79
50) 2,6-Dinitrotoluene	10.84	165	11160	8.28	ng	# 24

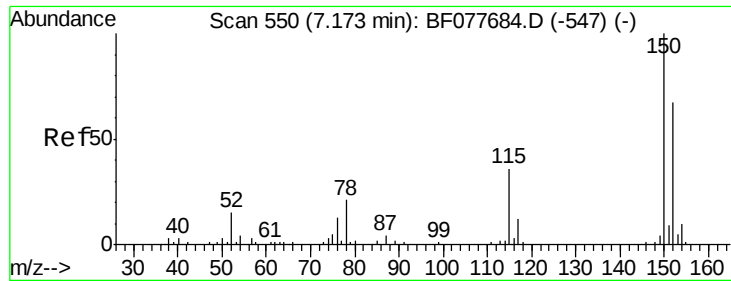
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF077961.D

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BNA_F

ClientSampleId :

PB82321BL

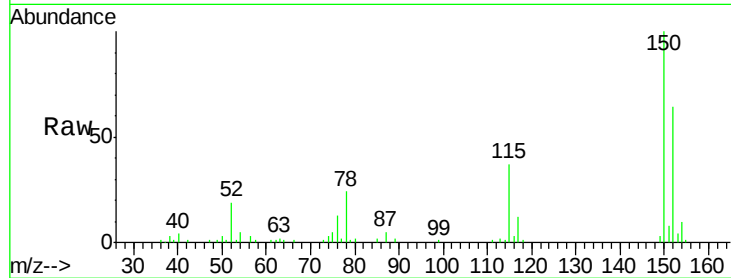
Tgt Ion:152 Resp: 43231

Ion Ratio Lower Upper

152 100

150 157.1 119.5 179.3

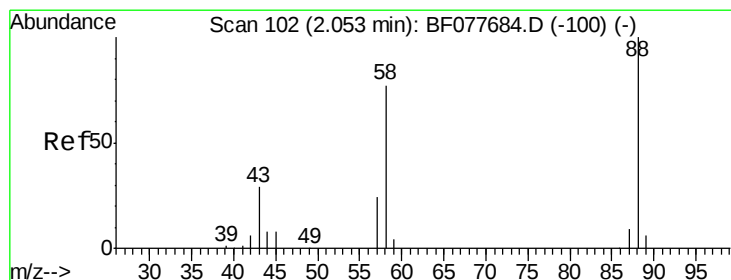
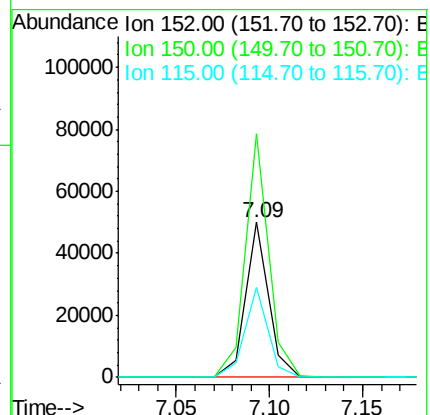
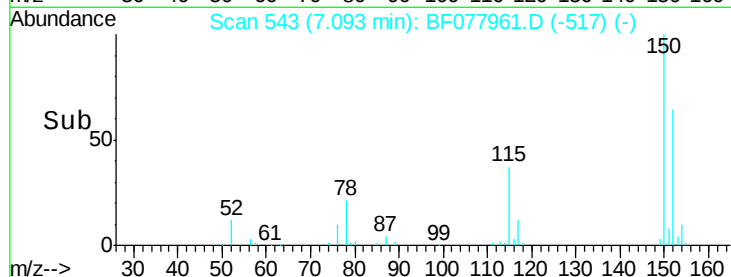
115 57.8 43.0 64.4



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: 23.35 ng

RT: 1.74 min Scan# 75

Delta R.T. -0.19 min

Lab File: BF077961.D

Acq: 25 Mar 2015 19:53

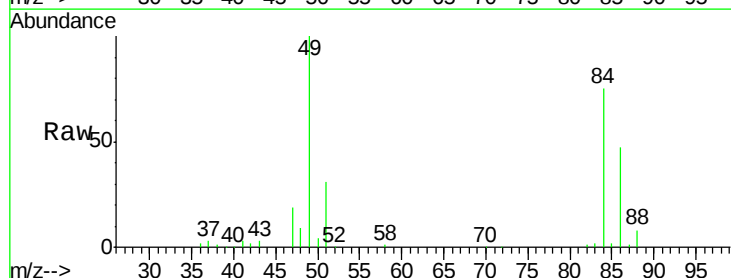
Tgt Ion: 88 Resp: 26259

Ion Ratio Lower Upper

88 100

58 0.0 0.0 0.0

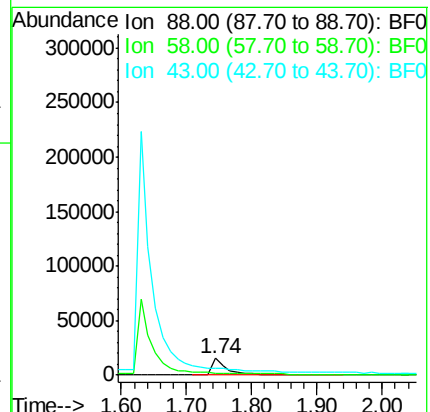
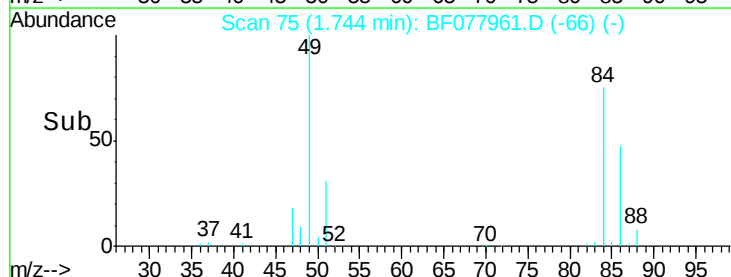
43 0.0 0.0 0.0

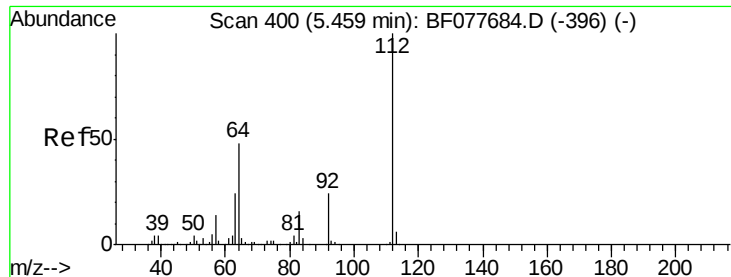


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 104.71 ng

RT: 5.38 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF077961.D

Acq: 25 Mar 2015 19:53

Instrument :

BNA_F

ClientSampleId :

PB82321BL

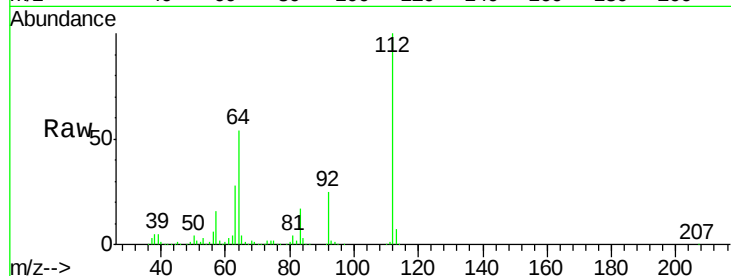
Tgt Ion: 112 Resp: 259324

Ion Ratio Lower Upper

112 100

64 53.8 38.6 57.8

63 28.0 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

300000

250000

200000

150000

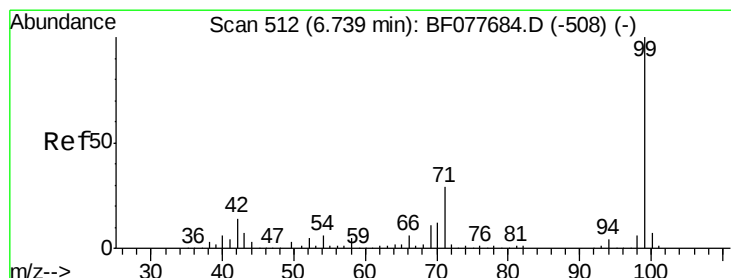
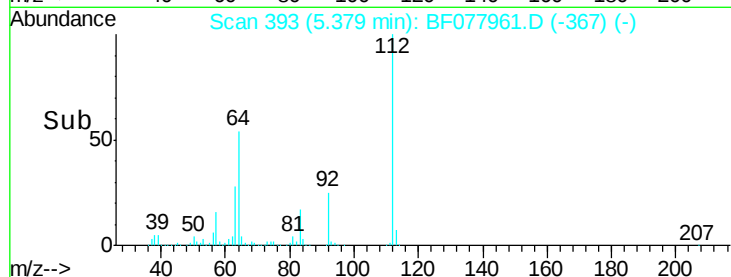
100000

50000

0

5.30 5.40 5.50

Time-->



#7

Phenol-d6

Concen: 101.43 ng

RT: 6.67 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF077961.D

Acq: 25 Mar 2015 19:53

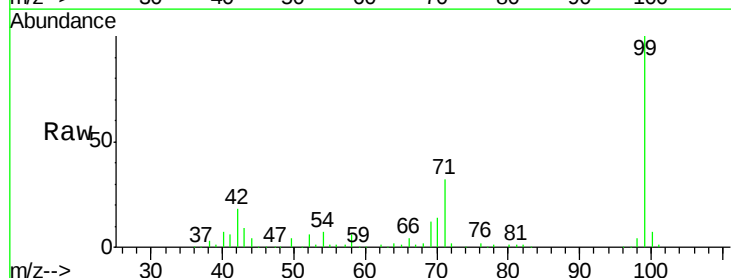
Tgt Ion: 99 Resp: 310384

Ion Ratio Lower Upper

99 100

42 17.9 11.0 16.4#

71 32.5 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

400000

300000

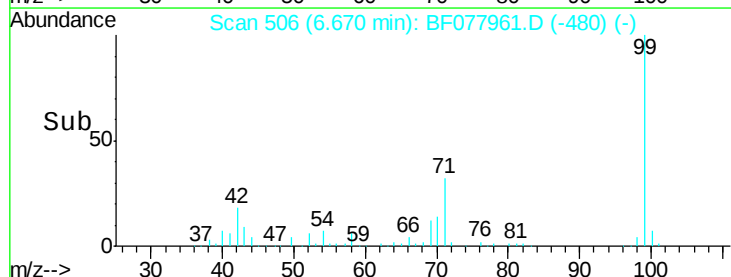
200000

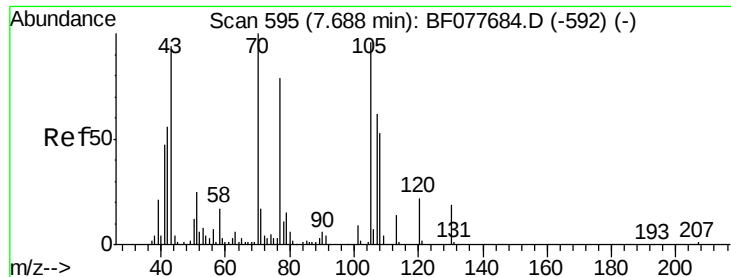
100000

0

6.60 6.70 6.80

Time-->

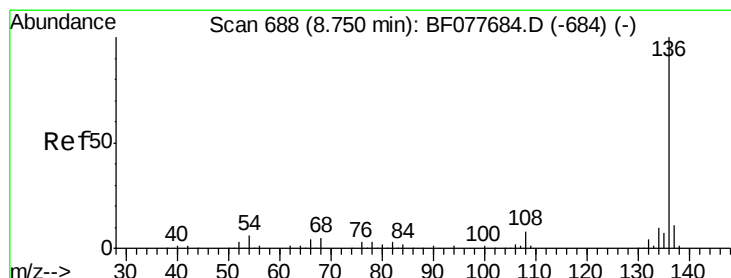
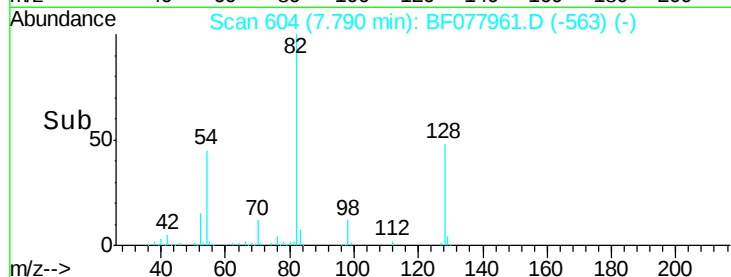
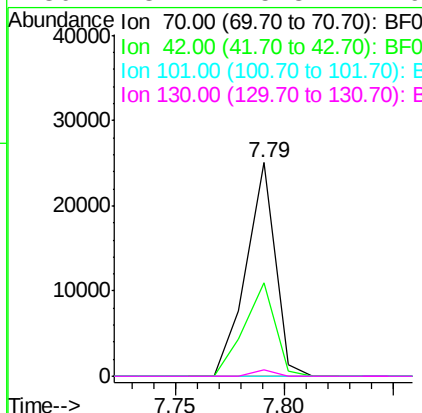
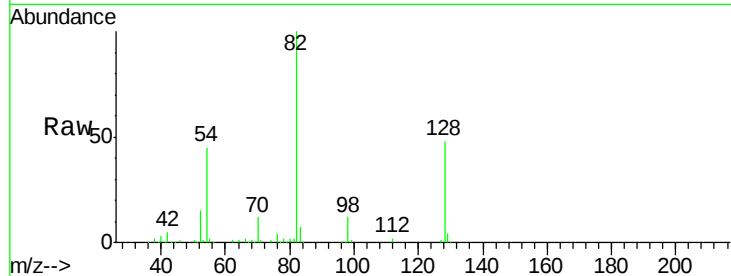




#19
n-Nitroso-di-n-propylamine
Concen: 11.02 ng
RT: 7.79 min Scan# 604
Delta R.T. 0.17 min
Lab File: BF077961.D
Acq: 25 Mar 2015 19:53

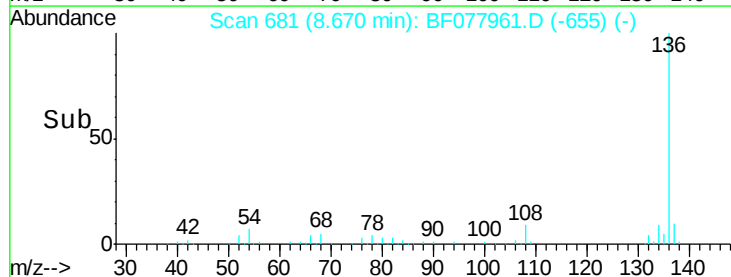
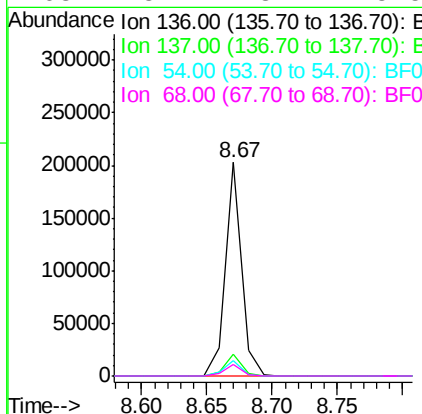
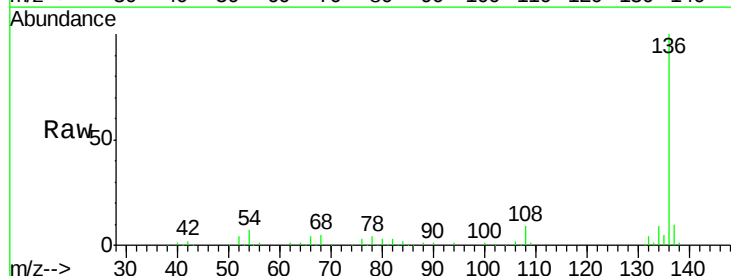
Instrument :
BNA_F
ClientSampleId :
PB82321BL

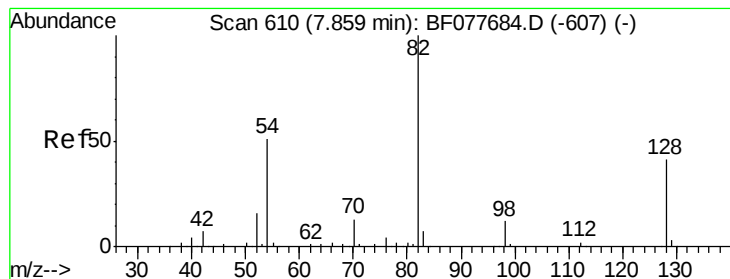
Tgt Ion: 70 Resp: 23331
Ion Ratio Lower Upper
70 100
42 43.9 44.5 66.7#
101 0.0 7.4 11.2#
130 3.2 15.3 22.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.67 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF077961.D
Acq: 25 Mar 2015 19:53

Tgt Ion: 136 Resp: 175579
Ion Ratio Lower Upper
136 100
137 10.2 8.7 13.1
54 7.1 4.6 6.8#
68 5.1 3.7 5.5





#23

Nitrobenzene-d5

Concen: 68.94 ng

RT: 7.79 min Scan# 604

Delta R.T. 0.00 min

Lab File: BF077961.D

Acq: 25 Mar 2015 19:53

Instrument :

BNA_F

ClientSampled :

PB82321BL

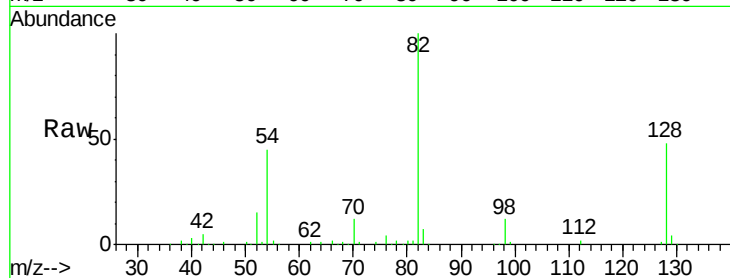
Tgt Ion: 82 Resp: 184665

Ion Ratio Lower Upper

82 100

128 47.9 32.8 49.2

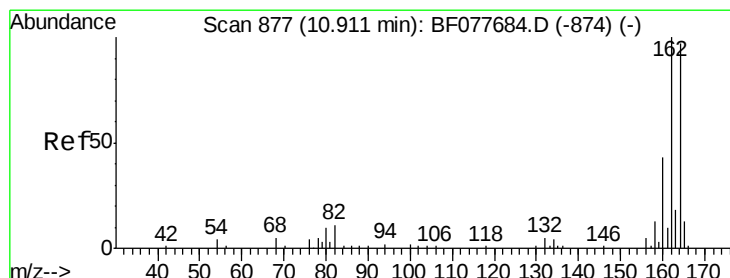
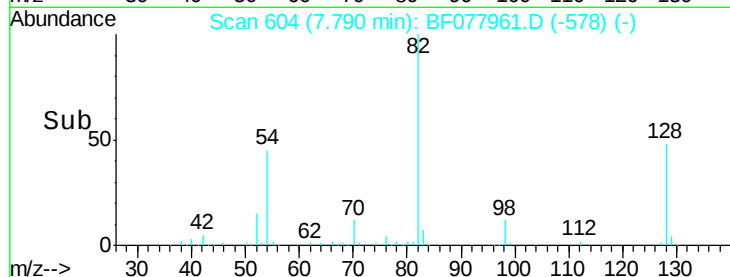
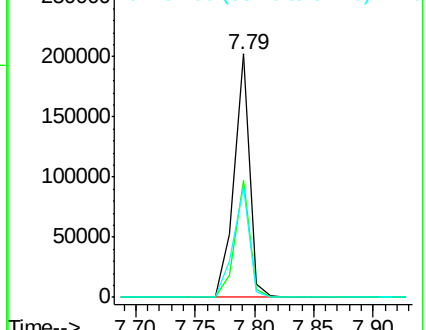
54 45.4 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.84 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF077961.D

Acq: 25 Mar 2015 19:53

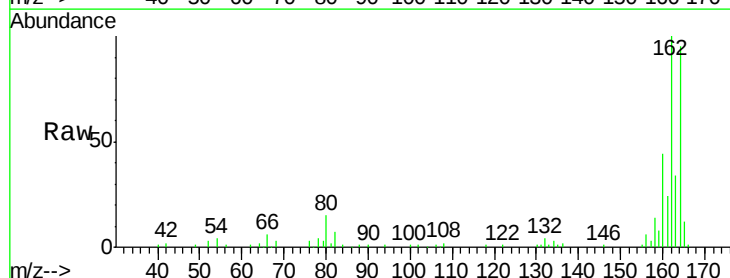
Tgt Ion: 164 Resp: 87699

Ion Ratio Lower Upper

164 100

162 104.8 82.4 123.6

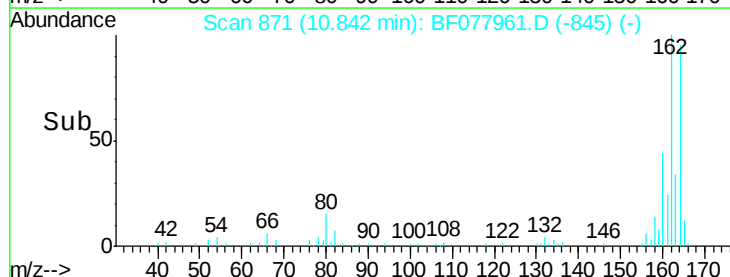
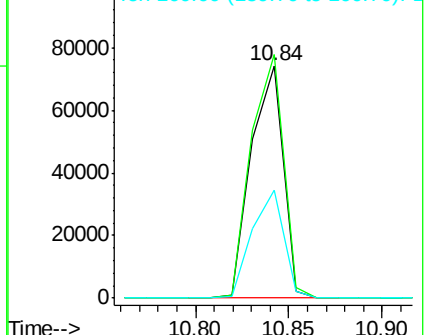
160 46.2 35.8 53.6

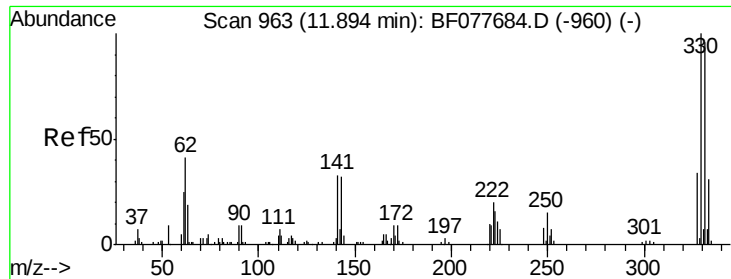


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

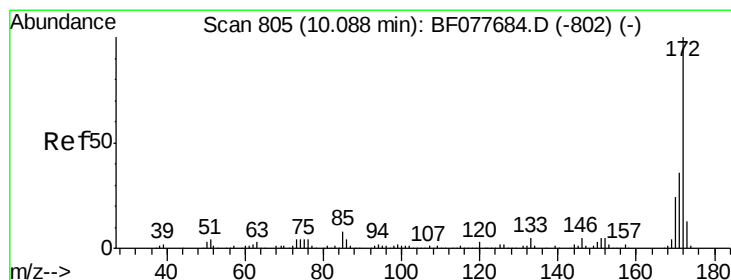
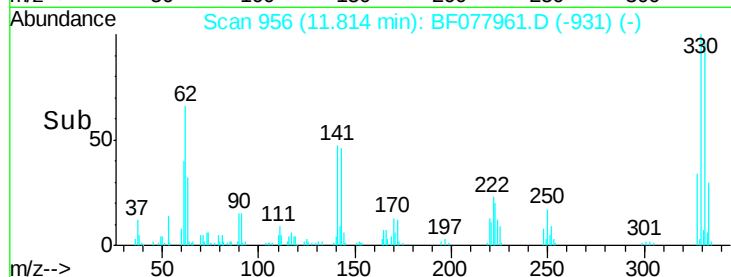
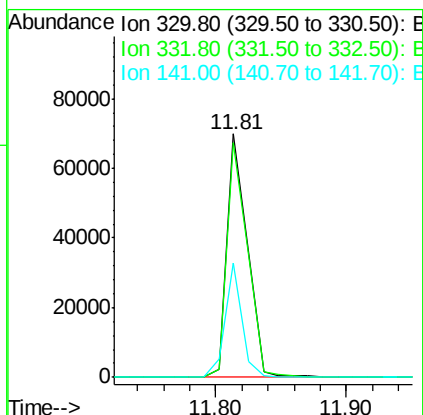
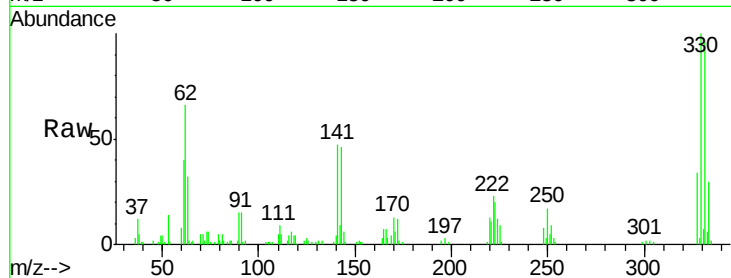




#41
 2,4,6-Tribromophenol
 Concen: 90.61 ng
 RT: 11.81 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF077961.D
 Acq: 25 Mar 2015 19:53

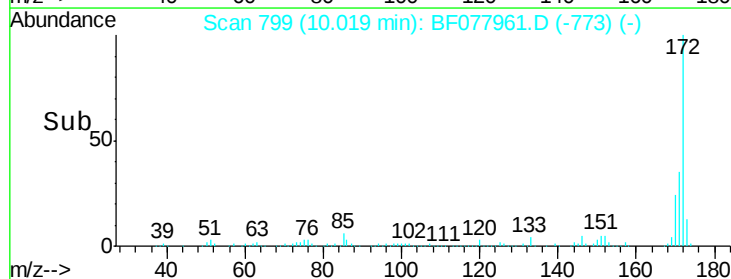
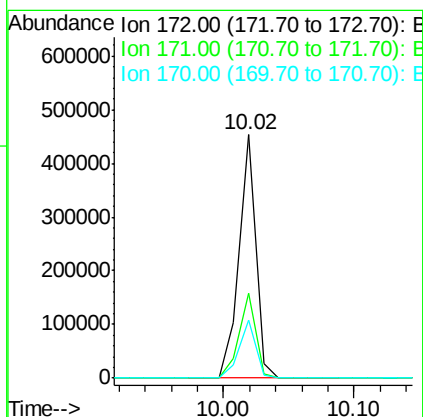
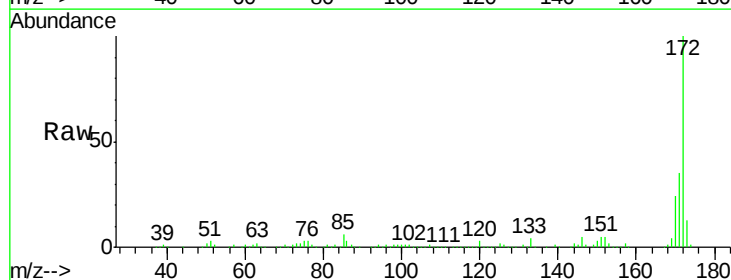
Instrument :
 BNA_F
 ClientSampleId :
 PB82321BL

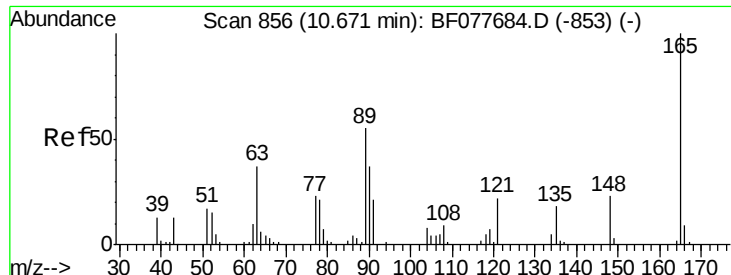
Tgt Ion:330 Resp: 76030
 Ion Ratio Lower Upper
 330 100
 332 97.0 0.0 0.0#
 141 38.7 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 67.31 ng
 RT: 10.02 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF077961.D
 Acq: 25 Mar 2015 19:53

Tgt Ion:172 Resp: 401699
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.5 42.7
 170 23.7 18.8 28.2

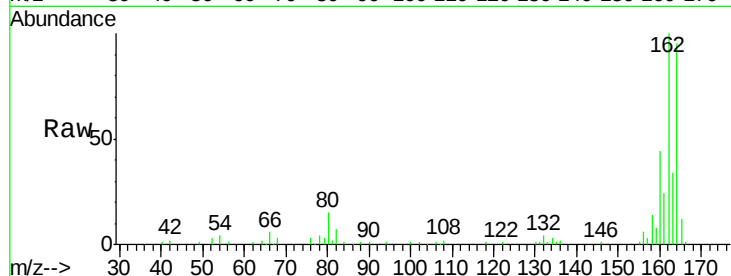




#50
 2,6-Dinitrotoluene
 Concen: 8.28 ng
 RT: 10.84 min Scan# 871
 Delta R.T. 0.24 min
 Lab File: BF077961.D
 Acq: 25 Mar 2015 19:53

Instrument :
 BNA_F
 ClientSampleId :
 PB82321BL

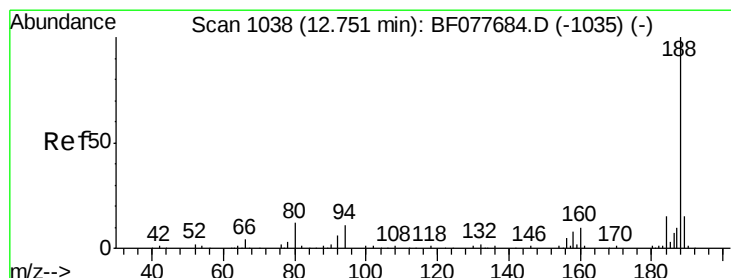
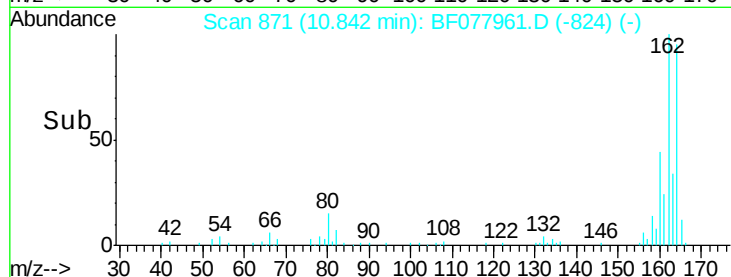
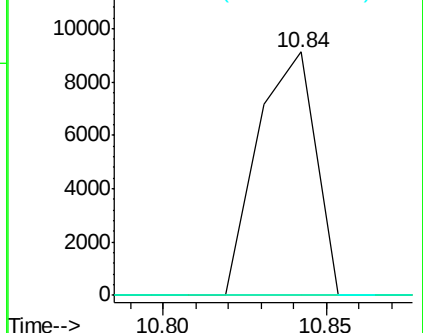
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.1	66.1#
89	0.0	44.3	66.5#



Abundance Ion 165.00 (164.70 to 165.70): E

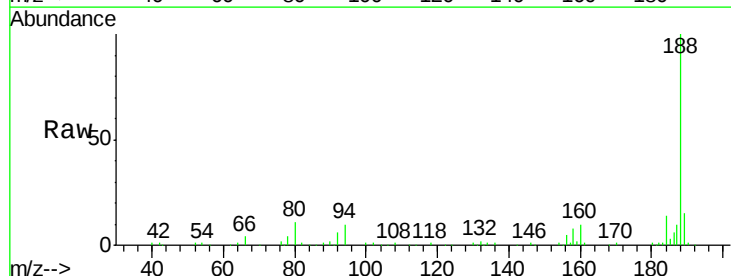
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.67 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BF077961.D
 Acq: 25 Mar 2015 19:53

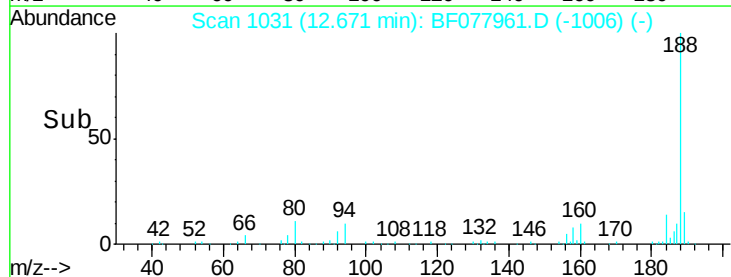
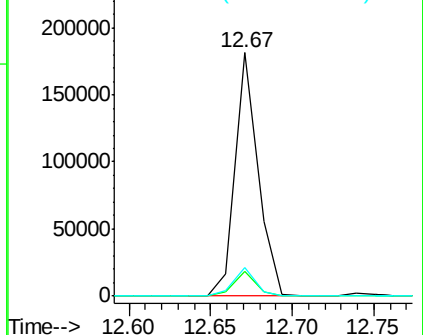
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.7	13.1
80	11.5	9.3	13.9

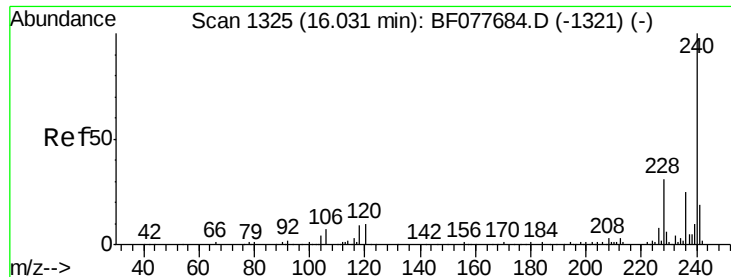


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

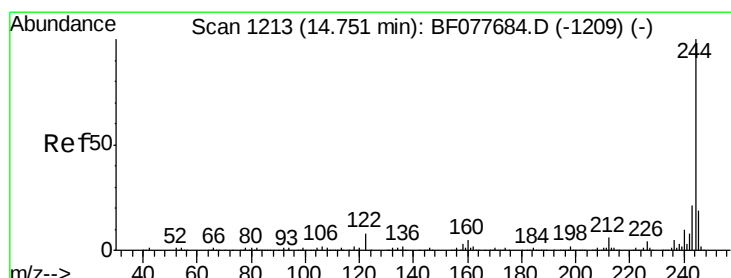
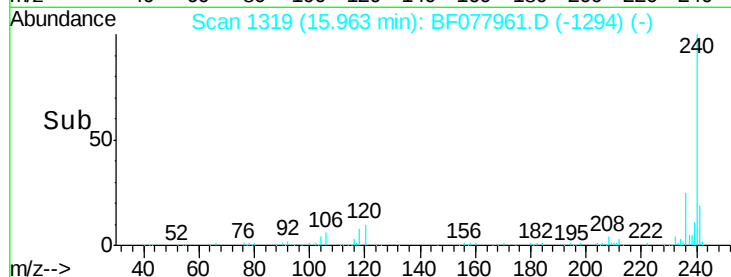
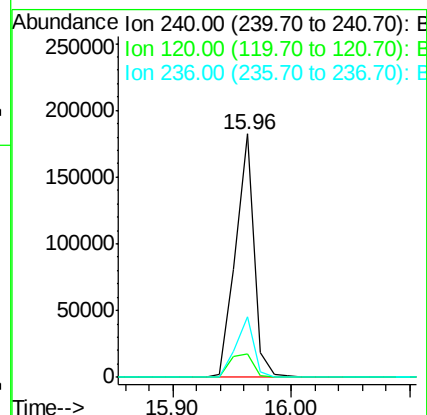
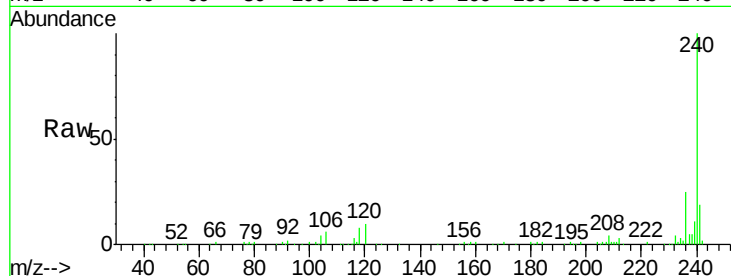




#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.96 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF077961.D
Acq: 25 Mar 2015 19:53

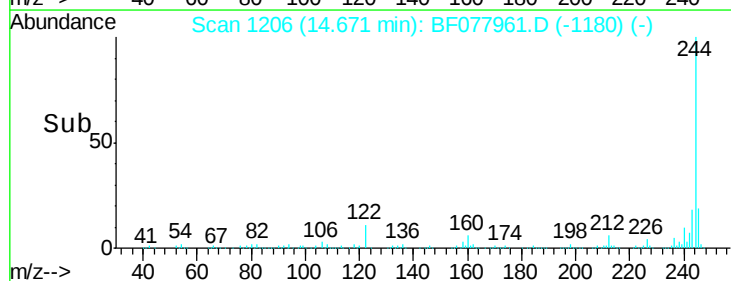
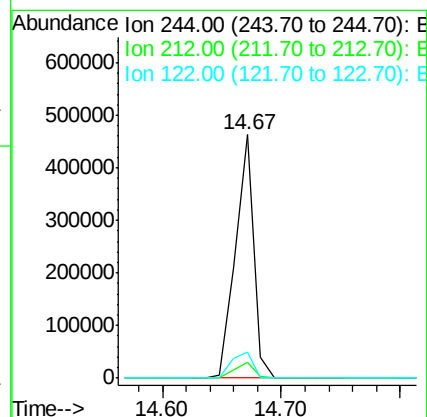
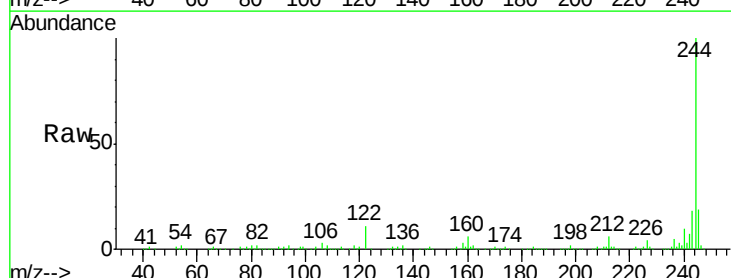
Instrument :
BNA_F
ClientSampleId :
PB82321BL

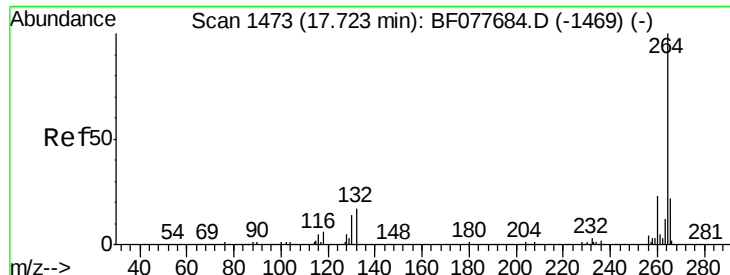
Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.5	8.2	12.2
236	24.9	20.0	30.0



#78
Terphenyl-d14
Concen: 61.06 ng
RT: 14.67 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BF077961.D
Acq: 25 Mar 2015 19:53

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.4	4.9	7.3
122	10.5	6.2	9.4

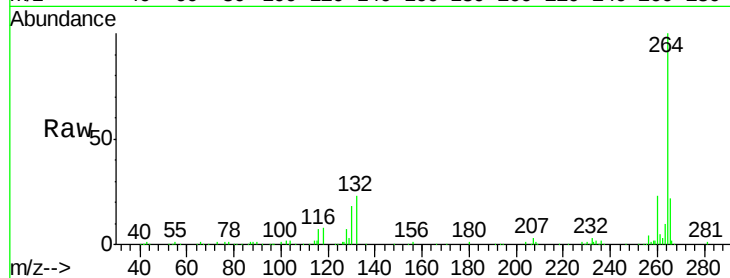




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.73 min Scan# 1474
Delta R.T. -0.01 min
Lab File: BF077961.D
Acq: 25 Mar 2015 19:53

Instrument :
BNA_F
ClientSampleId :
PB82321BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	27.8
265	21.9	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

