

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032515\
 Data File : BF077960.D
 Acq On : 25 Mar 2015 19:25
 Operator : TP/IZ
 Sample : G1612-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP-1

Quant Time: Mar 26 00:05:06 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

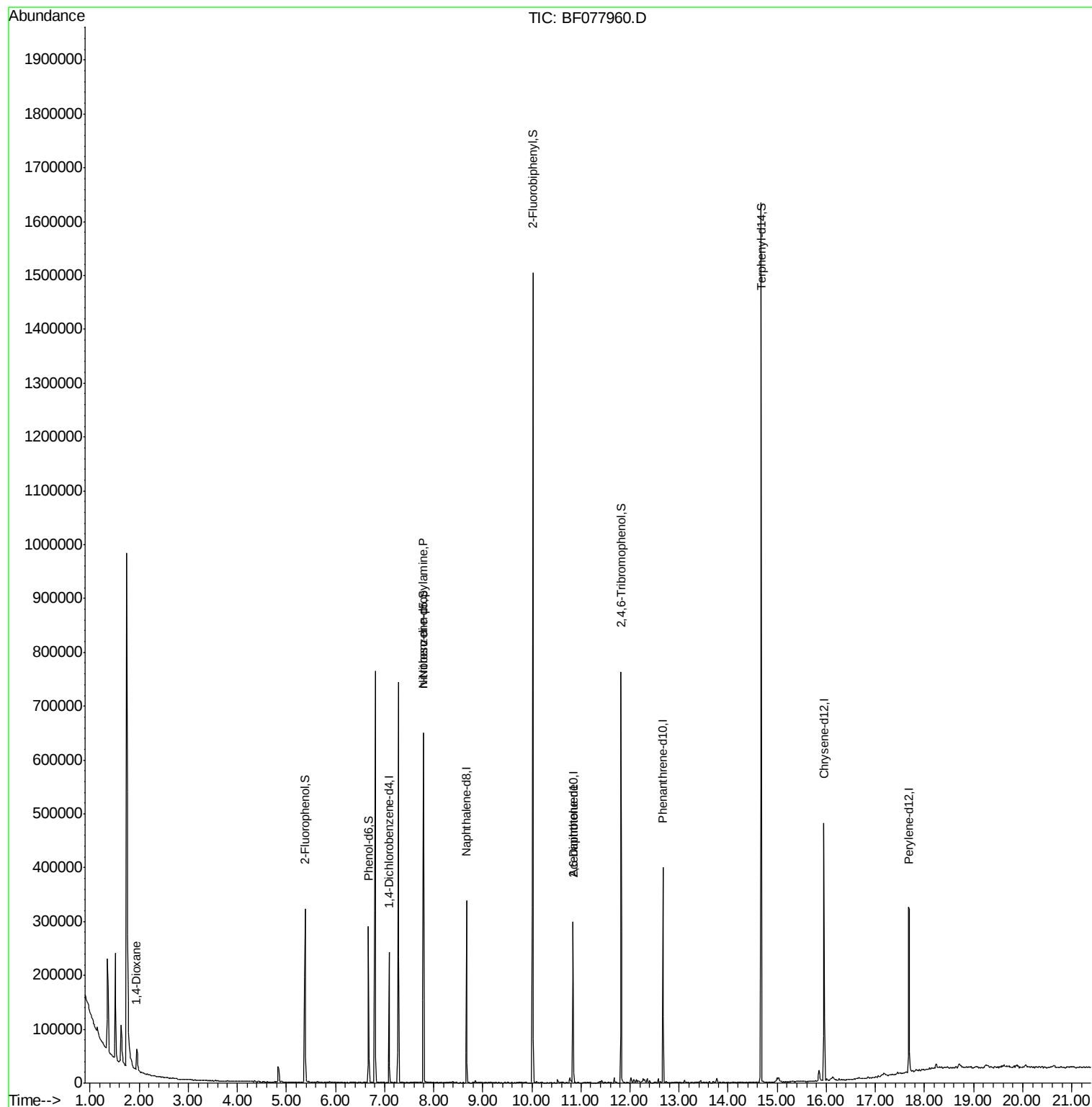
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	37619	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	153578	20.00	ng	0.00
38) Acenaphthene-d10	10.84	164	79053	20.00	ng	0.00
63) Phenanthrene-d10	12.67	188	161296	20.00	ng	-0.01
75) Chrysene-d12	15.95	240	181086	20.00	ng	-0.02
86) Perylene-d12	17.69	264	175489	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	124032	57.55	ng	0.00
7) Phenol-d6	6.67	99	103092	38.72	ng	0.00
23) Nitrobenzene-d5	7.79	82	206219	88.02	ng	0.00
41) 2,4,6-Tribromophenol	11.81	330	94674	125.17	ng	-0.01
44) 2-Fluorobiphenyl	10.02	172	468917	87.17	ng	0.00
78) Terphenyl-d14	14.67	244	575837	77.67	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.95	88	24225	24.76	ng	# 100
19) n-Nitroso-di-n-propylamine	7.79	70	25808	14.01	ng	# 81
50) 2,6-Dinitrotoluene	10.84	165	9811	8.07	ng	# 24

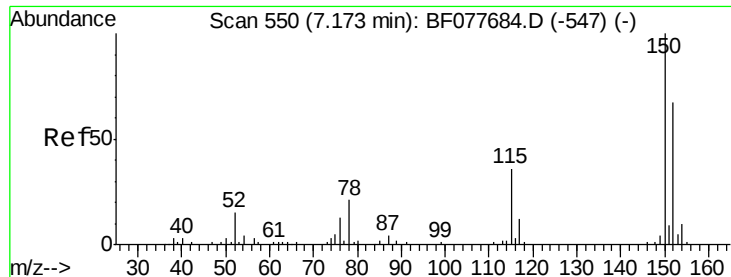
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF077960.D

Acq: 25 Mar 2015 19:25

Instrument :

BNA_F

ClientSampleId :

DUP-1

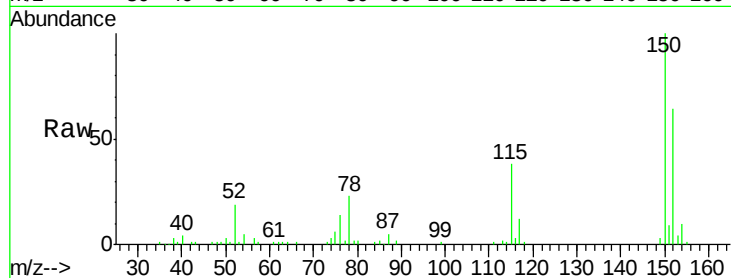
Tgt Ion:152 Resp: 37619

Ion Ratio Lower Upper

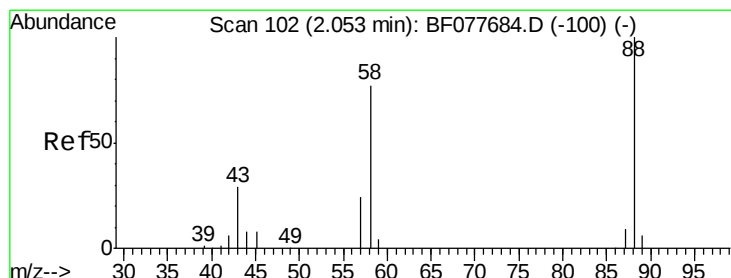
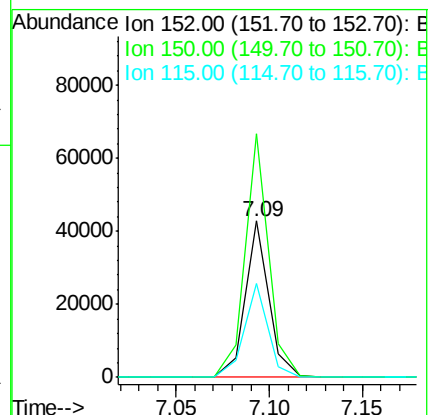
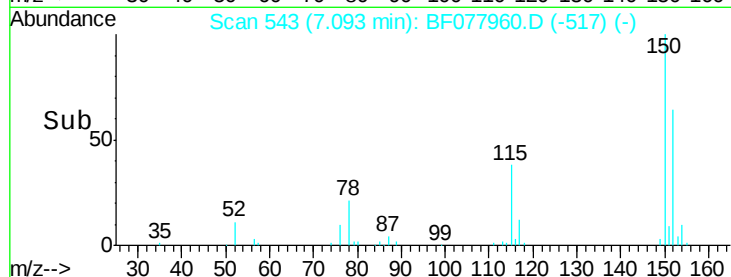
152 100

150 155.9 119.5 179.3

115 60.0 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: 24.76 ng

RT: 1.95 min Scan# 93

Delta R.T. 0.01 min

Lab File: BF077960.D

Acq: 25 Mar 2015 19:25

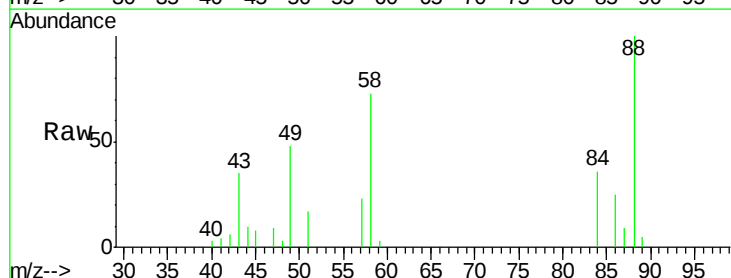
Tgt Ion: 88 Resp: 24225

Ion Ratio Lower Upper

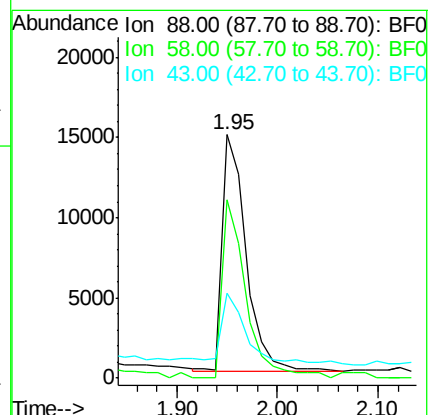
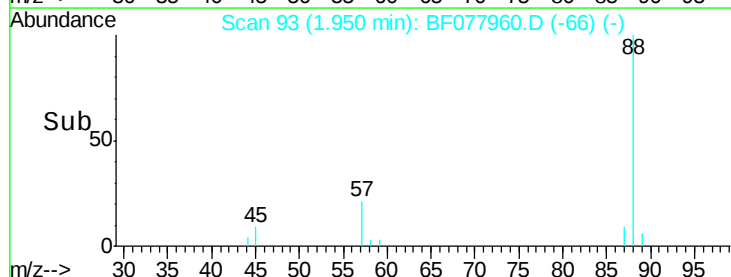
88 100

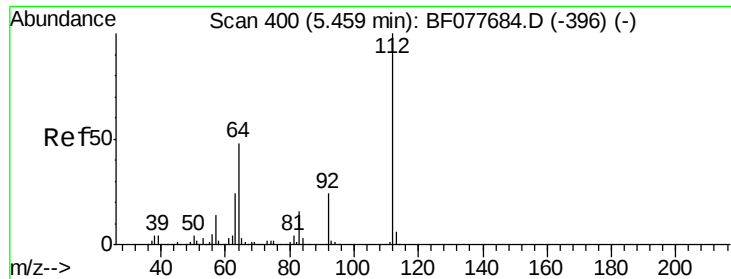
58 75.1 0.0 0.0#

43 34.3 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: 57.55 ng

RT: 5.38 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF077960.D

Acq: 25 Mar 2015 19:25

Instrument :

BNA_F

ClientSampleId :

DUP-1

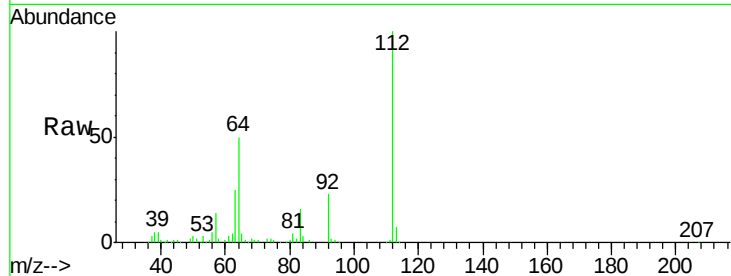
Tgt Ion: 112 Resp: 124032

Ion Ratio Lower Upper

112 100

64 50.1 38.6 57.8

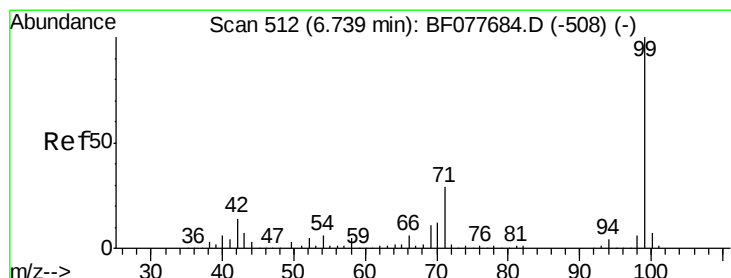
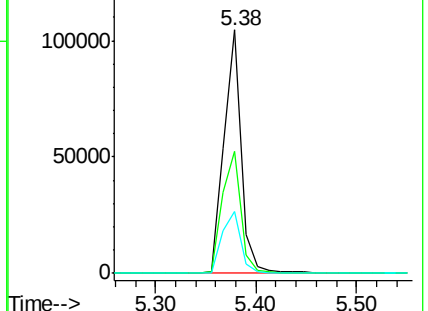
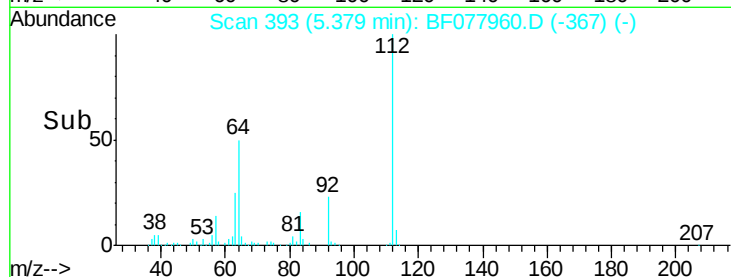
63 25.3 19.3 28.9



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 38.72 ng

RT: 6.67 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF077960.D

Acq: 25 Mar 2015 19:25

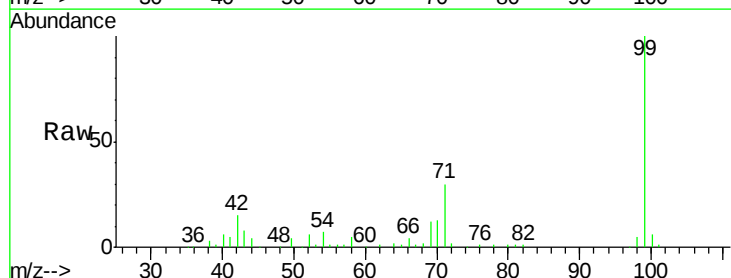
Tgt Ion: 99 Resp: 103092

Ion Ratio Lower Upper

99 100

42 15.2 11.0 16.4

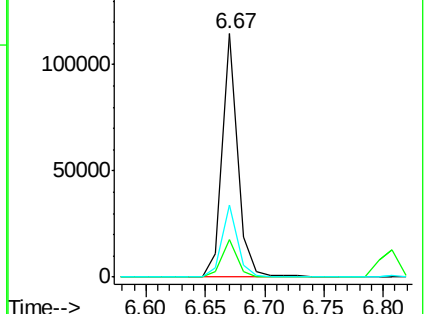
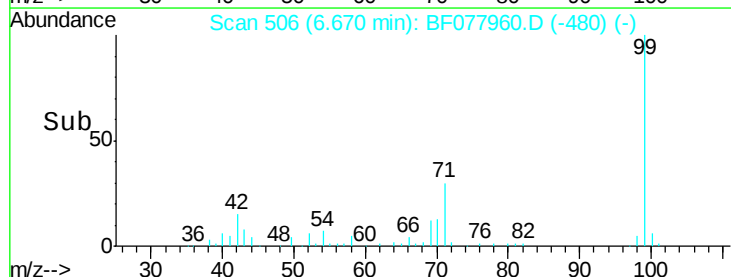
71 29.8 23.4 35.2

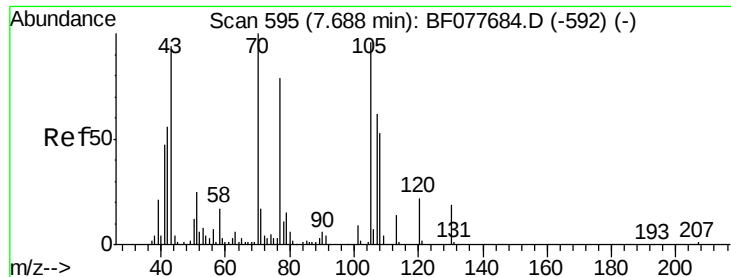


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

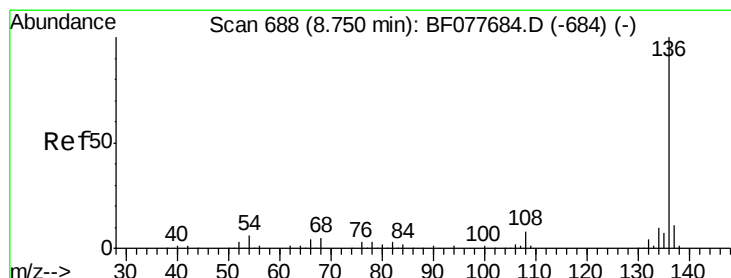
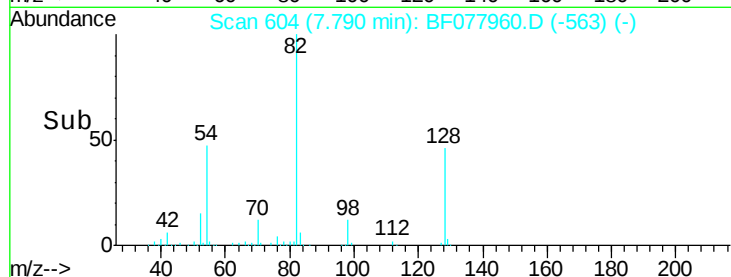
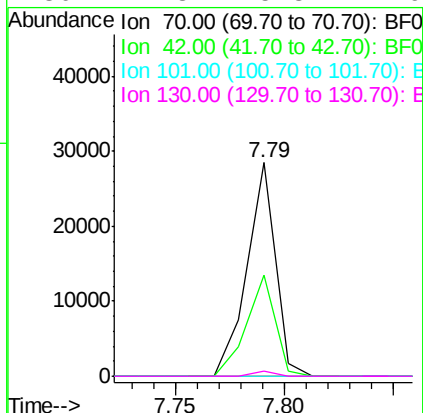
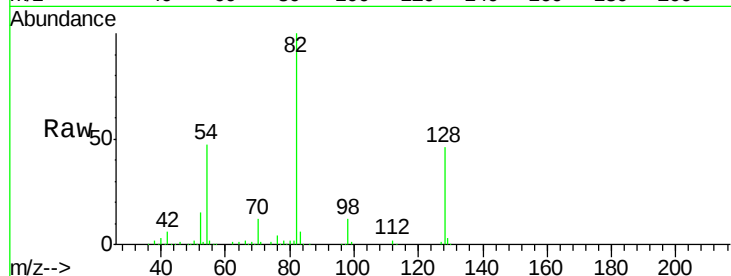




#19
n-Nitroso-di-n-propylamine
Concen: 14.01 ng
RT: 7.79 min Scan# 604
Delta R.T. 0.17 min
Lab File: BF077960.D
Acq: 25 Mar 2015 19:25

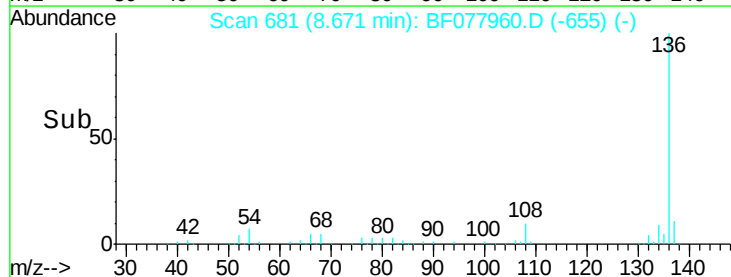
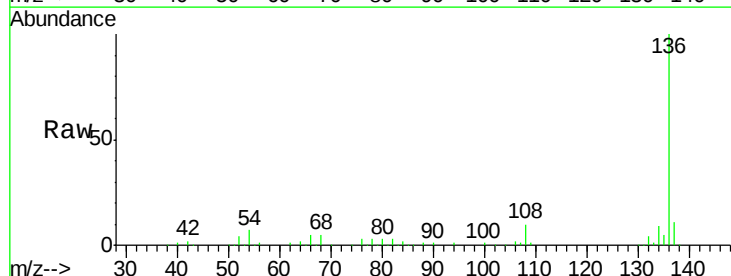
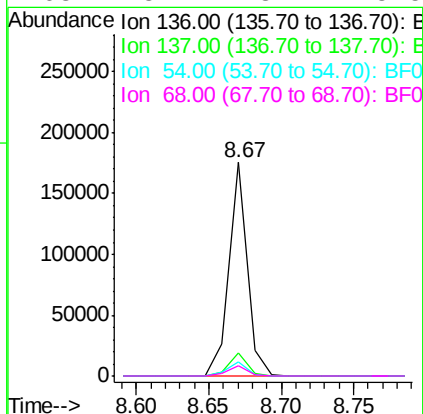
Instrument :
BNA_F
ClientSampleId :
DUP-1

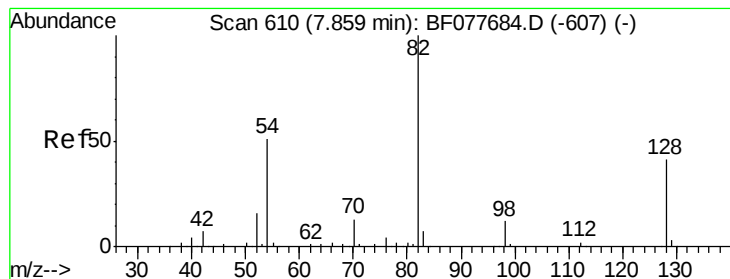
Tgt Ion: 70 Resp: 25808
Ion Ratio Lower Upper
70 100
42 47.5 44.5 66.7
101 0.0 7.4 11.2#
130 2.3 15.3 22.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.67 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF077960.D
Acq: 25 Mar 2015 19:25

Tgt Ion: 136 Resp: 153578
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 6.8 4.6 6.8
68 5.1 3.7 5.5





#23

Nitrobenzene-d5

Concen: 88.02 ng

RT: 7.79 min Scan# 604

Delta R.T. 0.00 min

Lab File: BF077960.D

Acq: 25 Mar 2015 19:25

Instrument :

BNA_F

ClientSampleId :

DUP-1

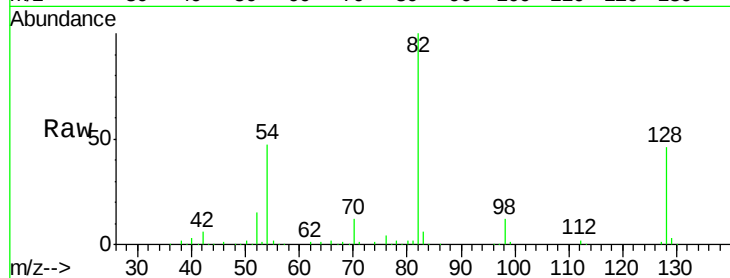
Tgt Ion: 82 Resp: 206219

Ion Ratio Lower Upper

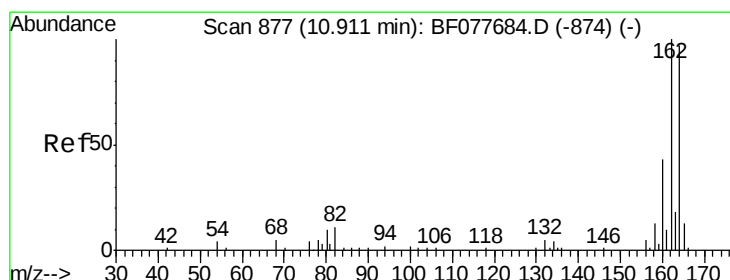
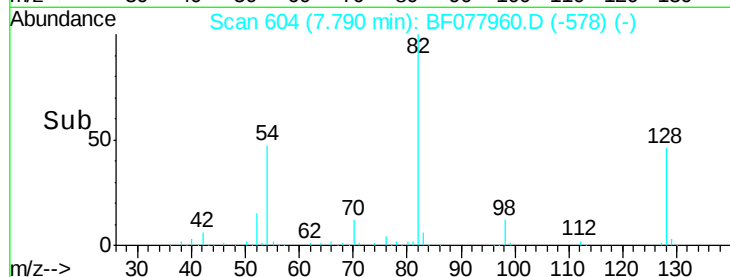
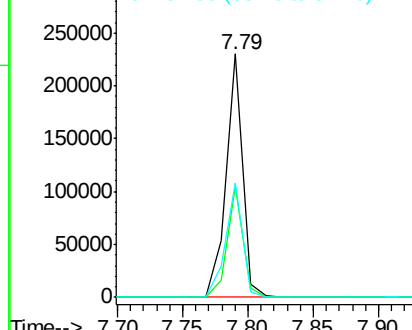
82 100

128 45.6 32.8 49.2

54 46.7 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
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: BF077960.D

Acq: 25 Mar 2015 19:25

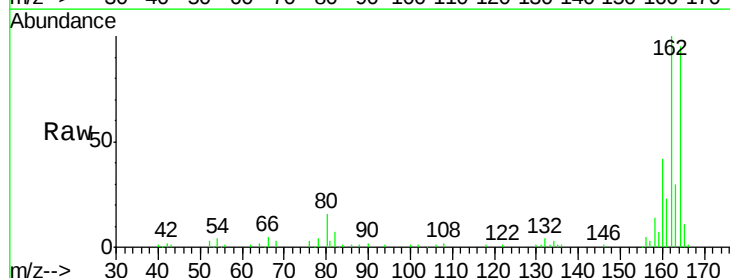
Tgt Ion: 164 Resp: 79053

Ion Ratio Lower Upper

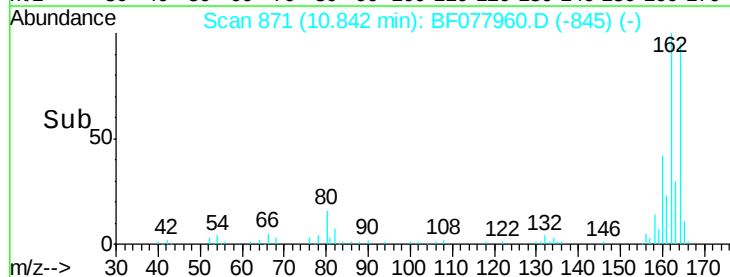
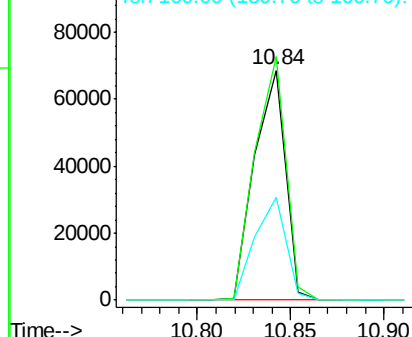
164 100

162 105.8 82.4 123.6

160 44.6 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): B
Ion 162.00 (161.70 to 162.70): B
Ion 160.00 (159.70 to 160.70): B

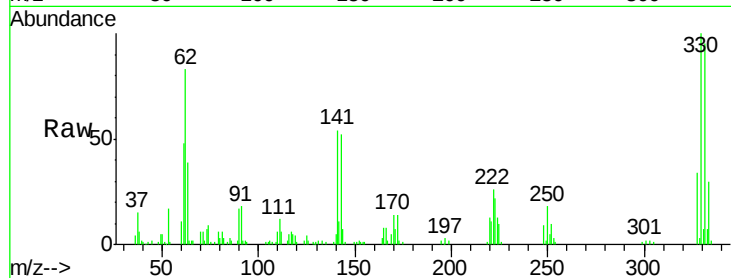




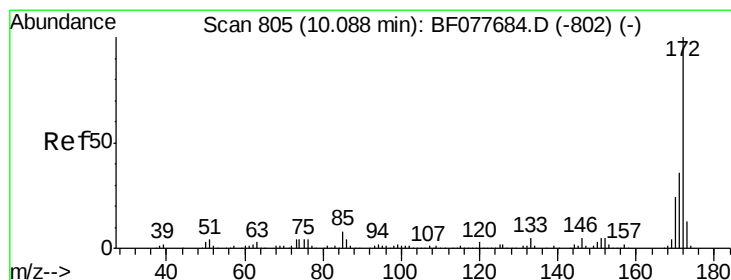
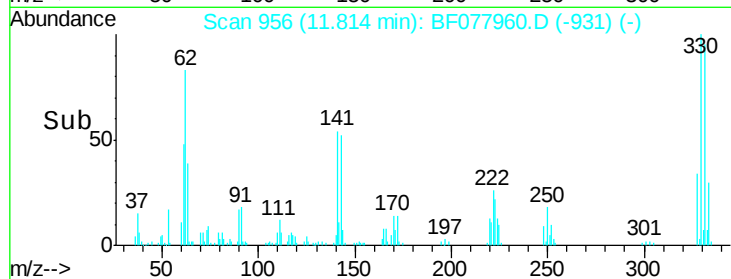
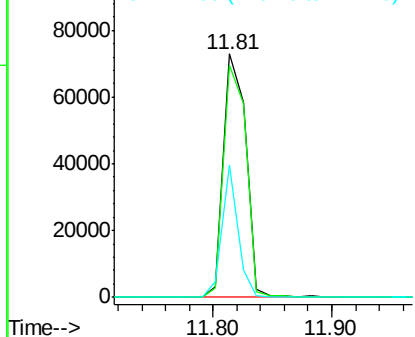
#41
 2,4,6-Tribromophenol
 Concen: 125.17 ng
 RT: 11.81 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF077960.D
 Acq: 25 Mar 2015 19:25

Instrument :
 BNA_F
 ClientSampled :
 DUP-1

Tgt Ion:330 Resp: 94674
 Ion Ratio Lower Upper
 330 100
 332 96.4 0.0 0.0#
 141 38.4 0.0 0.0#

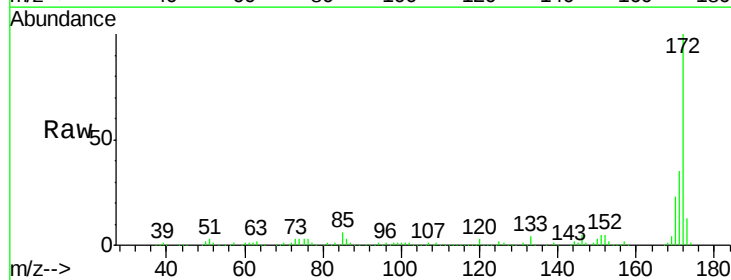


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

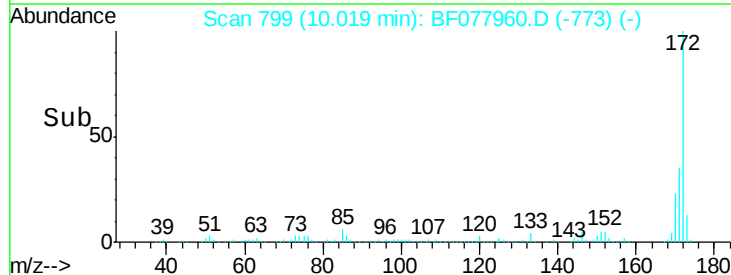
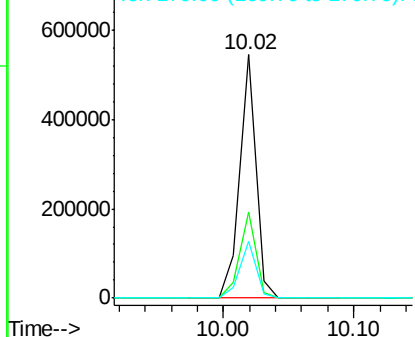


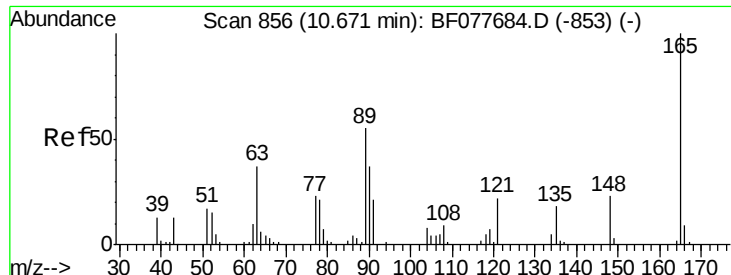
#44
 2-Fluorobiphenyl
 Concen: 87.17 ng
 RT: 10.02 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF077960.D
 Acq: 25 Mar 2015 19:25

Tgt Ion:172 Resp: 468917
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.5 42.7
 170 23.4 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

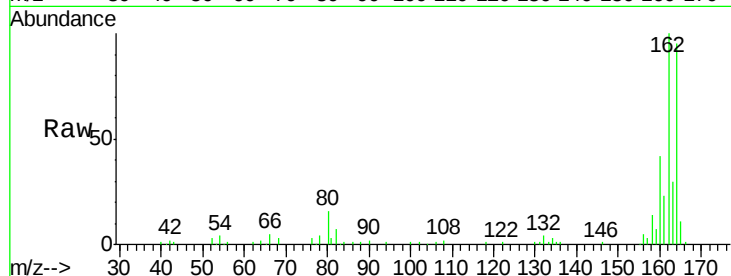




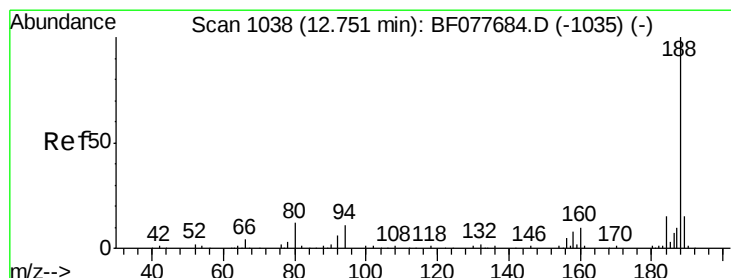
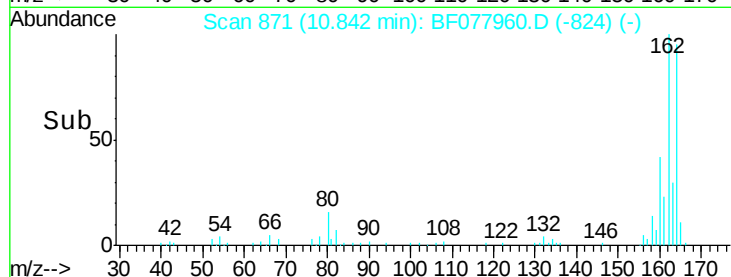
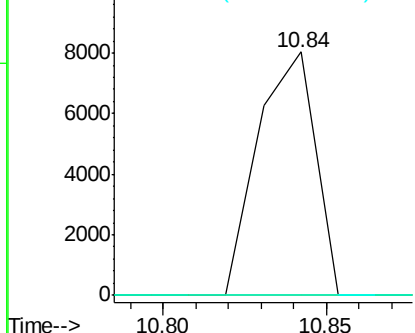
#50
 2,6-Dinitrotoluene
 Concen: 8.07 ng
 RT: 10.84 min Scan# 871
 Delta R.T. 0.24 min
 Lab File: BF077960.D
 Acq: 25 Mar 2015 19:25

Instrument :
 BNA_F
 ClientSampled :
 DUP-1

Tgt Ion:165 Resp: 9811
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.1 66.1#
 89 0.0 44.3 66.5#

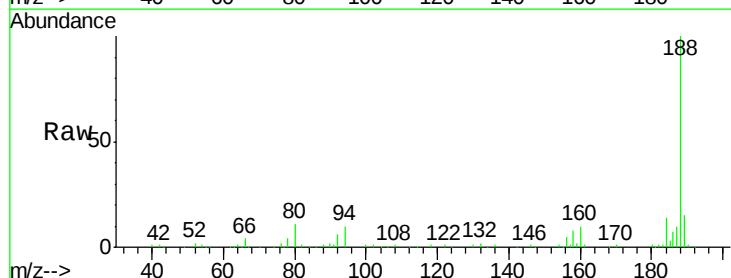


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

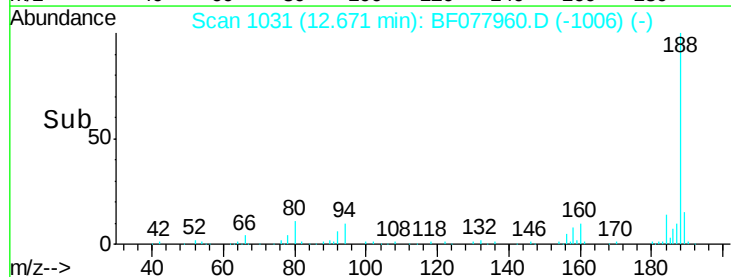
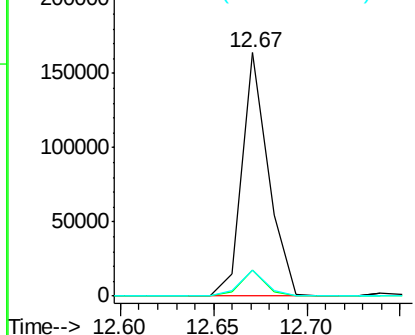


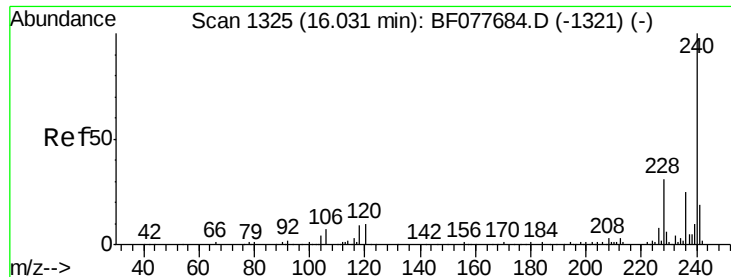
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.67 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BF077960.D
 Acq: 25 Mar 2015 19:25

Tgt Ion:188 Resp: 161296
 Ion Ratio Lower Upper
 188 100
 94 10.5 8.7 13.1
 80 10.9 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

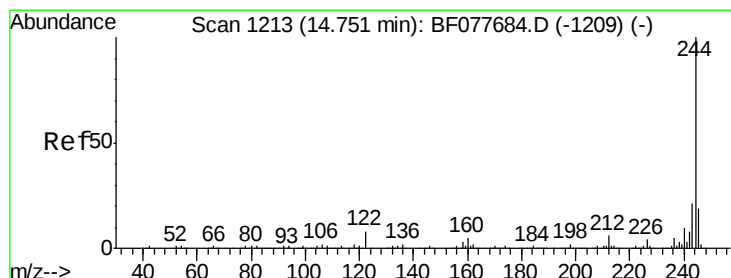
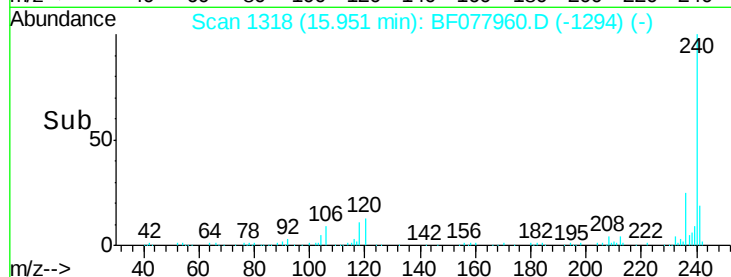
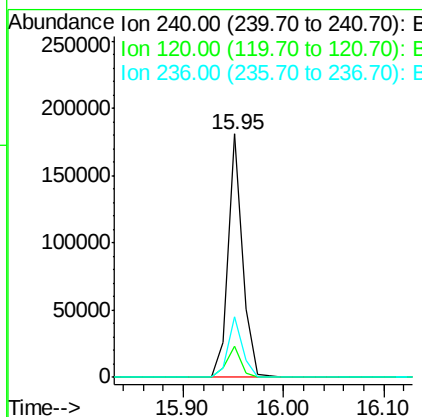
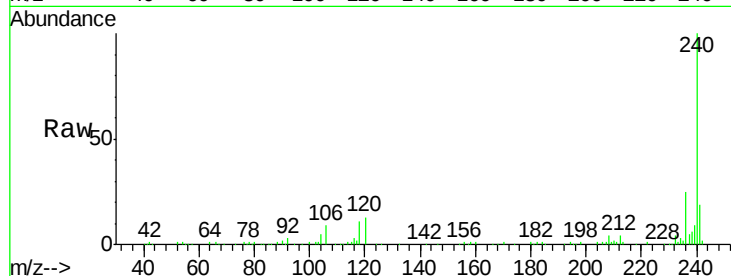




#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.95 min Scan# 1318
Delta R.T. -0.02 min
Lab File: BF077960.D
Acq: 25 Mar 2015 19:25

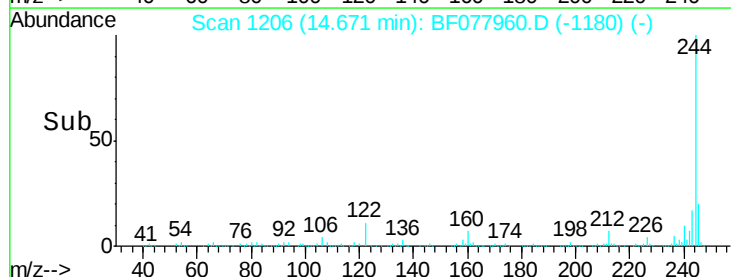
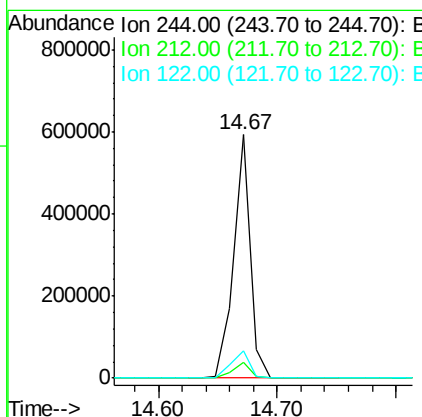
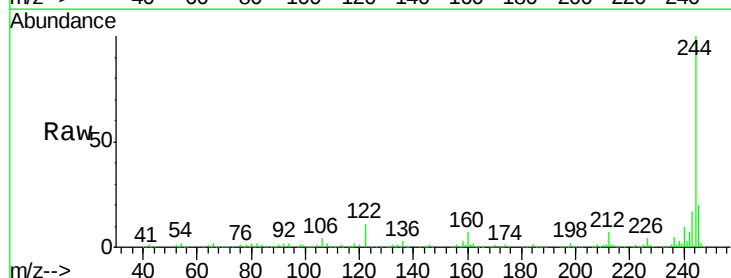
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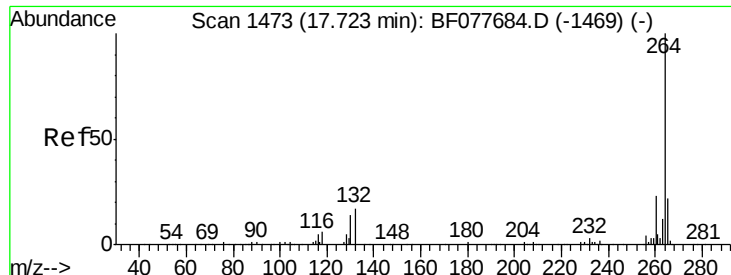
Tgt Ion:240 Resp: 181086
Ion Ratio Lower Upper
240 100
120 13.0 8.2 12.2#
236 24.8 20.0 30.0



#78
Terphenyl-d14
Concen: 77.67 ng
RT: 14.67 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BF077960.D
Acq: 25 Mar 2015 19:25

Tgt Ion:244 Resp: 575837
Ion Ratio Lower Upper
244 100
212 6.7 4.9 7.3
122 11.4 6.2 9.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 17.69 min Scan# 1470
Delta R.T. -0.06 min
Lab File: BF077960.D
Acq: 25 Mar 2015 19:25

Instrument :
BNA_F
ClientSampleId :
DUP-1

Tgt Ion: 264 Resp: 175489

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.6	27.8
265	21.3	17.3	25.9

