

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032015\
 Data File : BF077865.D
 Acq On : 20 Mar 2015 16:07
 Operator : TP/IZ
 Sample : PB82217BL
 Misc : W/DOD
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82217BL

Quant Time: Mar 20 23:03:52 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 20 23:52:05 2015
 Response via : Initial Calibration

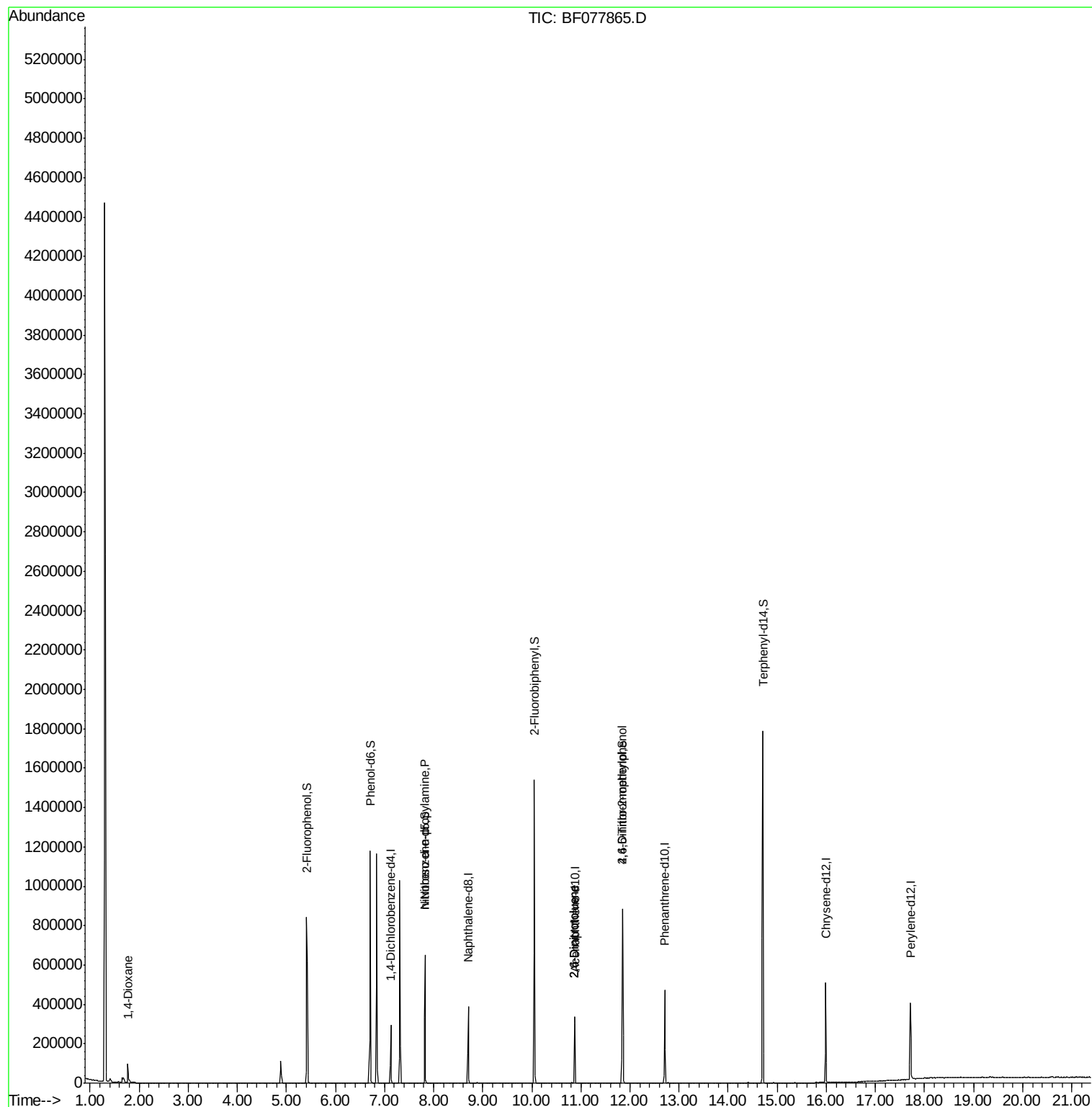
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	48516	20.00	ng	0.00
21) Naphthalene-d8	8.70	136	199173	20.00	ng	0.00
38) Acenaphthene-d10	10.88	164	102604	20.00	ng	0.00
63) Phenanthrene-d10	12.71	188	194211	20.00	ng	-0.01
75) Chrysene-d12	15.99	240	204537	20.00	ng	-0.02
86) Perylene-d12	17.71	264	184562	20.00	ng	-0.13
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	332699	119.70	ng	0.00
7) Phenol-d6	6.70	99	398095	115.93	ng	0.00
23) Nitrobenzene-d5	7.82	82	247411	81.43	ng	0.00
41) 2,4,6-Tribromophenol	11.85	330	104646	106.60	ng	-0.01
44) 2-Fluorobiphenyl	10.05	172	555730	79.60	ng	0.00
78) Terphenyl-d14	14.71	244	654900	78.21	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.77	88	3441	2.73	ng	# 100
19) n-Nitroso-di-n-propylamine	7.82	70	30625	12.89	ng	# 77
50) 2,6-Dinitrotoluene	10.86	165	12444	7.89	ng	# 24
56) 2,4-Dinitrotoluene	10.86	165	12444	6.05	ng	# 11
64) 4,6-Dinitro-2-methylphenol	11.85	198	247	4.54	ng	# 1

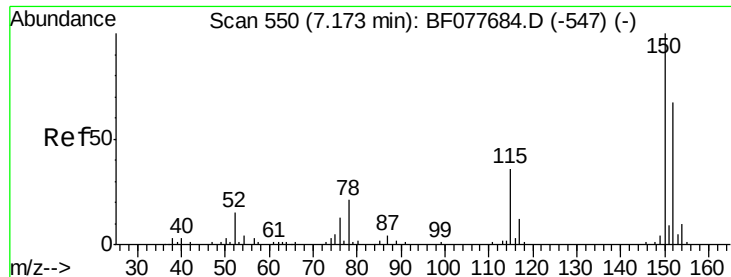
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 20 23:03:52 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
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QLast Update : Fri Mar 20 23:52:05 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.13 min Scan# 546

Delta R.T. -0.00 min

Lab File: BF077865.D

Acq: 20 Mar 2015 16:07

Instrument :

BNA_F

ClientSampled :

PB82217BL

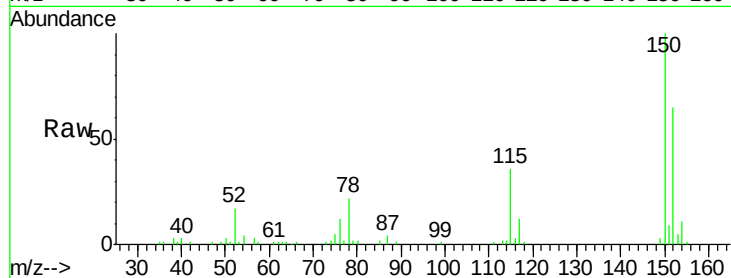
Tgt Ion:152 Resp: 48516

Ion Ratio Lower Upper

152 100

150 154.6 119.5 179.3

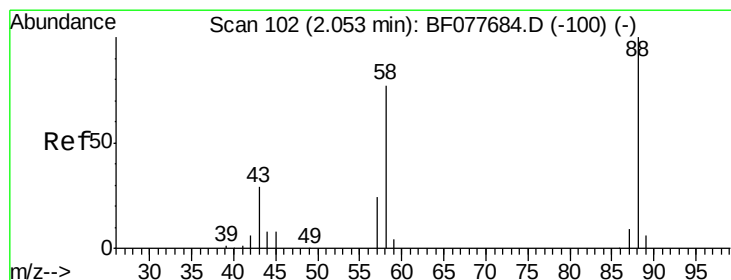
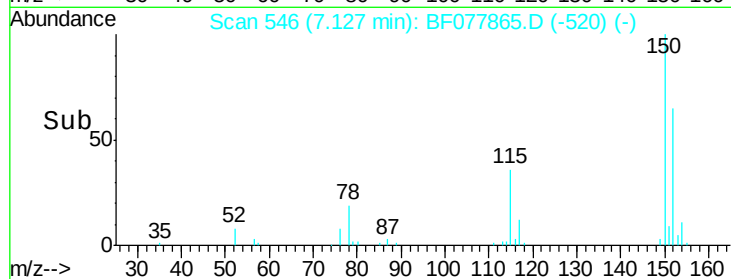
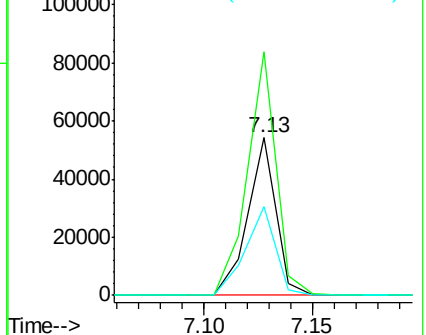
115 56.3 43.0 64.4



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



#2

1,4-Dioxane

Concen: 2.73 ng

RT: 1.77 min Scan# 77

Delta R.T. -0.23 min

Lab File: BF077865.D

Acq: 20 Mar 2015 16:07

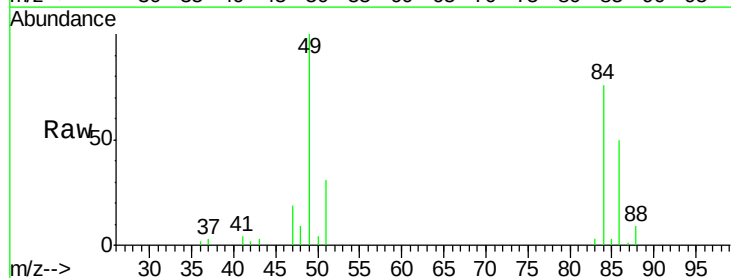
Tgt Ion: 88 Resp: 3441

Ion Ratio Lower Upper

88 100

58 0.0 0.0 0.0

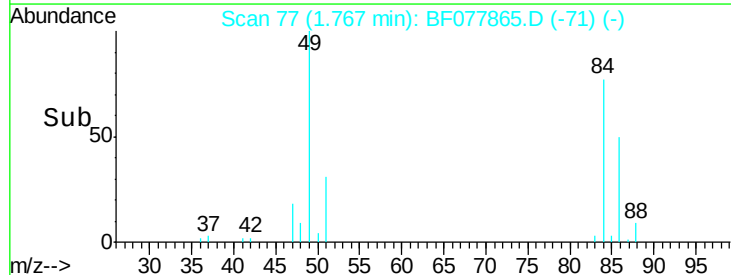
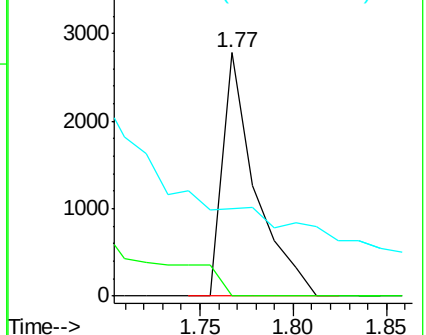
43 0.0 0.0 0.0

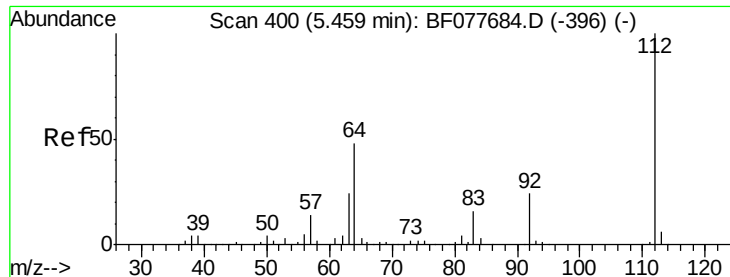


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 119.70 ng

RT: 5.41 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF077865.D

Acq: 20 Mar 2015 16:07

Instrument :

BNA_F

ClientSampleId :

PB82217BL

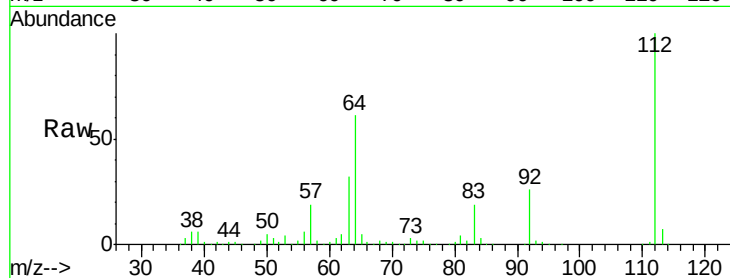
Tgt Ion: 112 Resp: 332699

Ion Ratio Lower Upper

112 100

64 61.5 38.6 57.8#

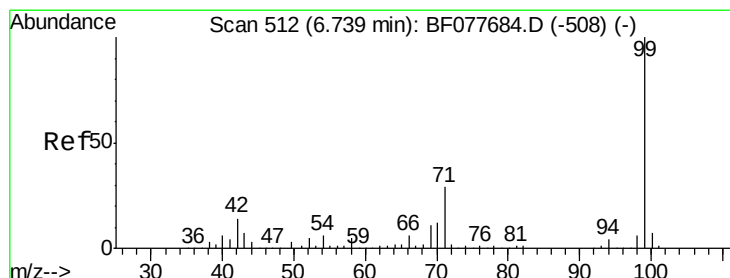
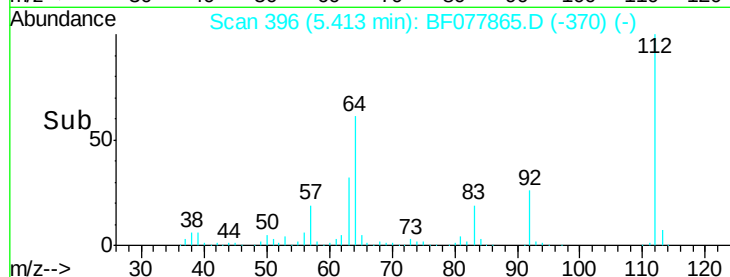
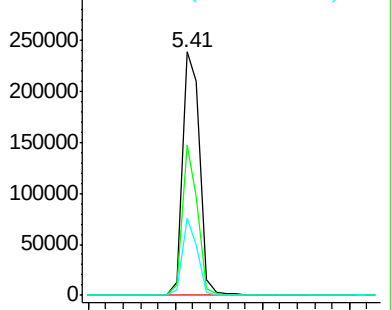
63 31.5 19.3 28.9#



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: 115.93 ng

RT: 6.70 min Scan# 509

Delta R.T. -0.00 min

Lab File: BF077865.D

Acq: 20 Mar 2015 16:07

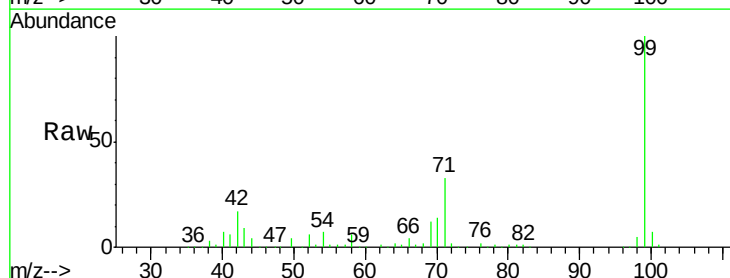
Tgt Ion: 99 Resp: 398095

Ion Ratio Lower Upper

99 100

42 17.4 11.0 16.4#

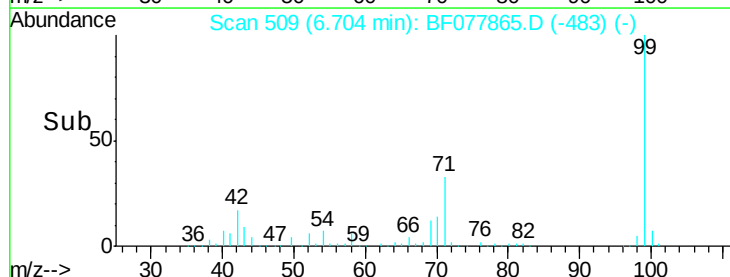
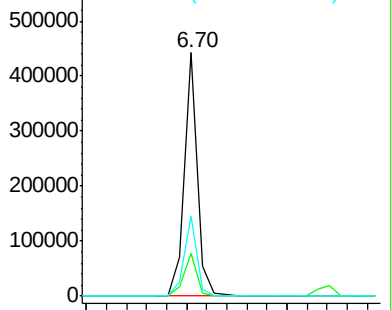
71 32.8 23.4 35.2

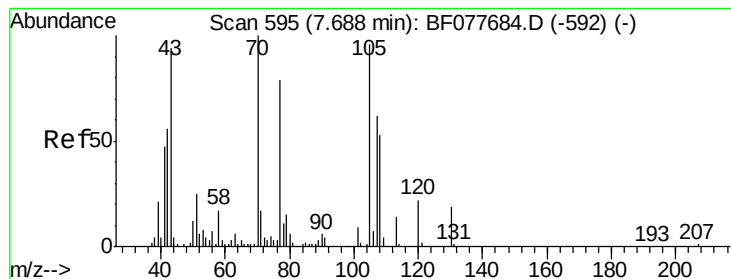


Abundance Ion 99.00 (98.70 to 99.70): BF0

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: 12.89 ng

RT: 7.82 min Scan# 607

Delta R.T. 0.17 min

Lab File: BF077865.D

Acq: 20 Mar 2015 16:07

Instrument :

BNA_F

ClientSampleId :

PB82217BL

Tgt Ion: 70 Resp: 30625

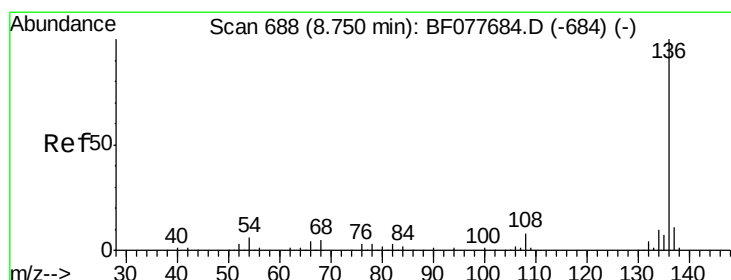
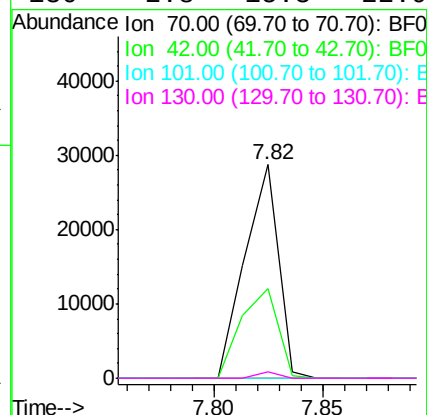
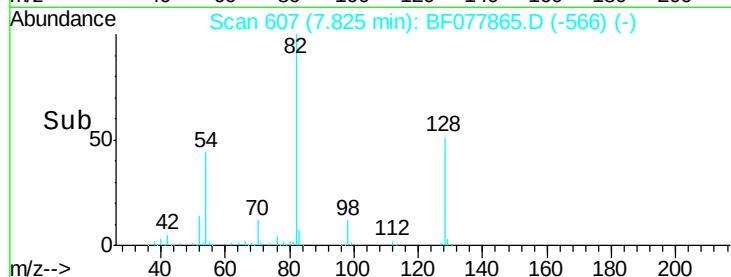
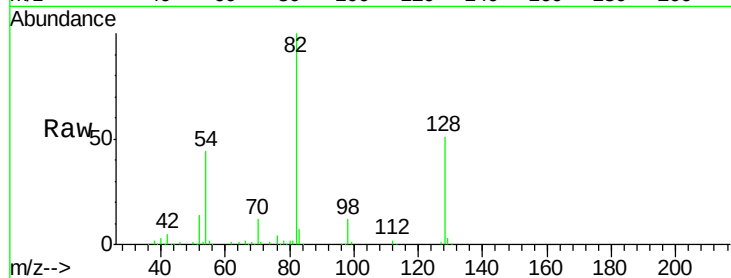
Ion Ratio Lower Upper

70 100

42 42.0 44.5 66.7#

101 0.0 7.4 11.2#

130 2.8 15.3 22.9#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.70 min Scan# 684

Delta R.T. -0.00 min

Lab File: BF077865.D

Acq: 20 Mar 2015 16:07

Tgt Ion:136 Resp: 199173

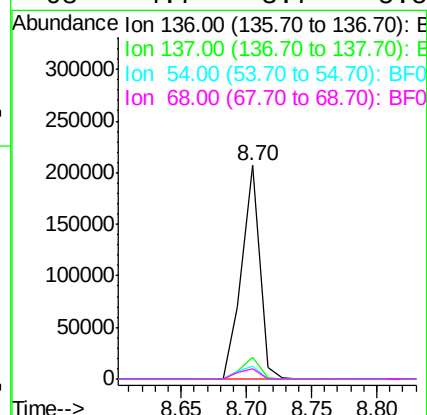
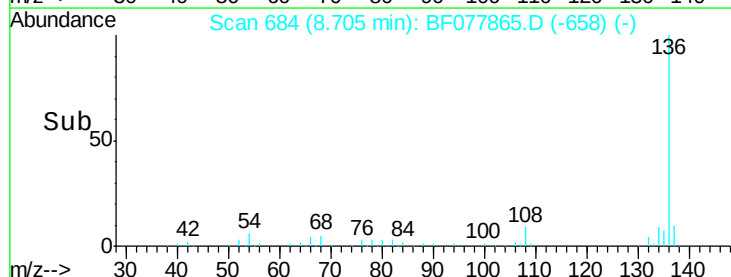
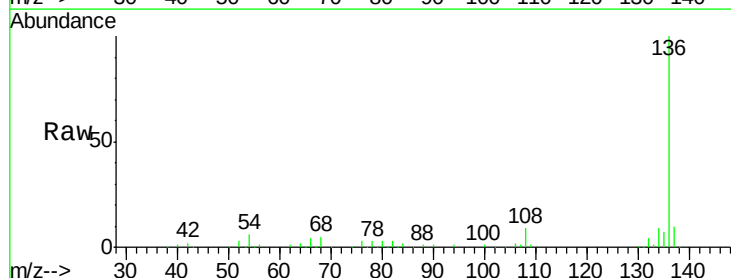
Ion Ratio Lower Upper

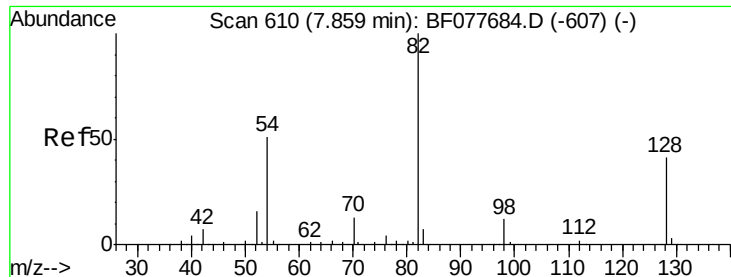
136 100

137 10.4 8.7 13.1

54 6.2 4.6 6.8

68 4.7 3.7 5.5

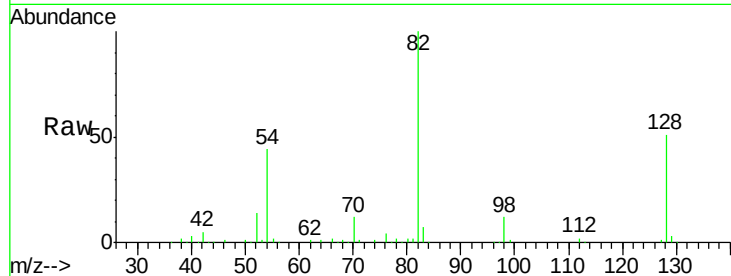




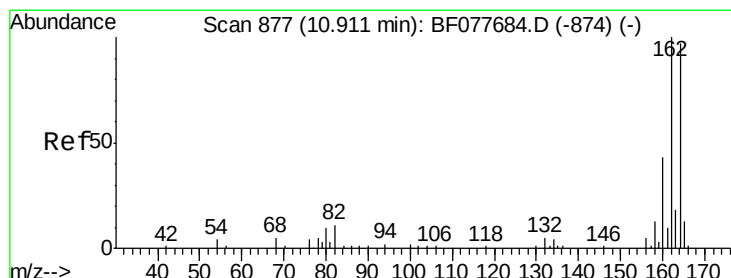
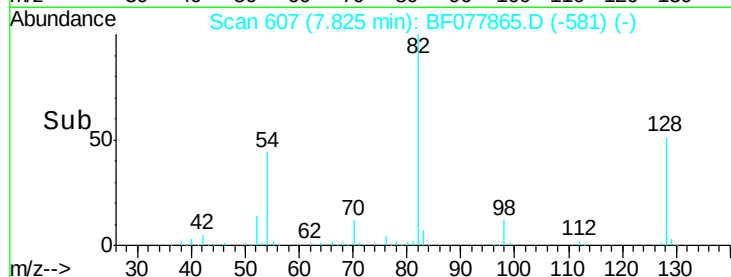
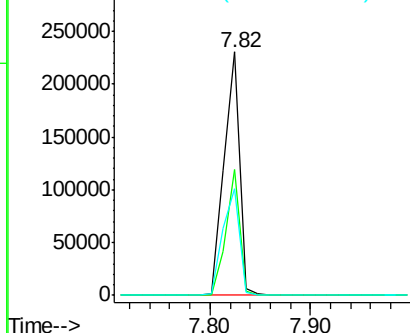
#23
 Nitrobenzene-d5
 Concen: 81.43 ng
 RT: 7.82 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: BF077865.D
 Acq: 20 Mar 2015 16:07

Instrument :
 BNA_F
 ClientSampleId :
 PB82217BL

Tgt Ion: 82 Resp: 247411
 Ion Ratio Lower Upper
 82 100
 128 51.5 32.8 49.2#
 54 43.6 40.6 60.8

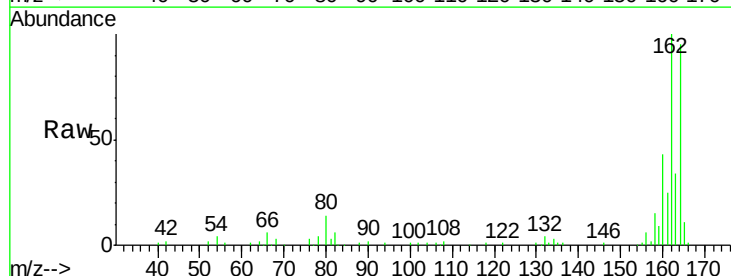


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

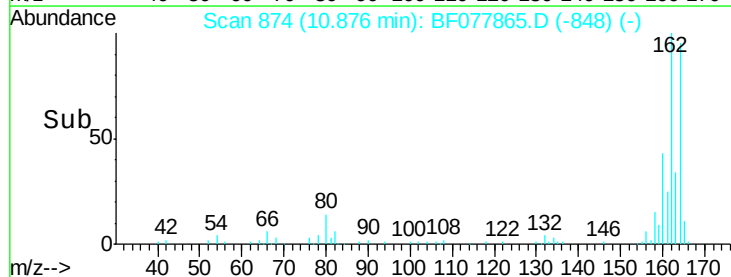
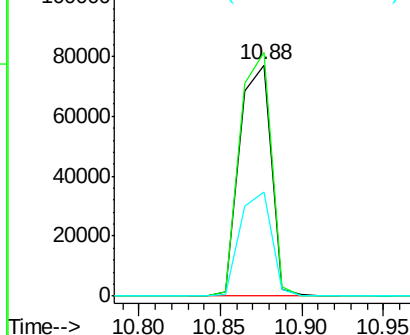


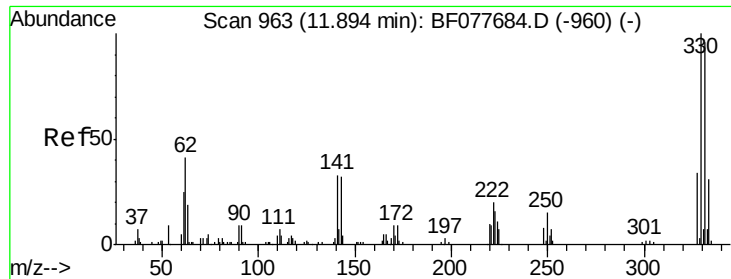
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.88 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: BF077865.D
 Acq: 20 Mar 2015 16:07

Tgt Ion: 164 Resp: 102604
 Ion Ratio Lower Upper
 164 100
 162 105.4 82.4 123.6
 160 44.9 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

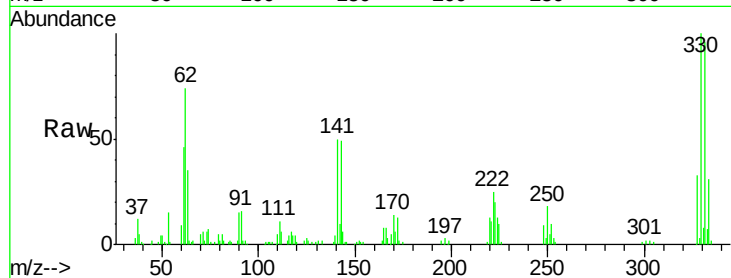




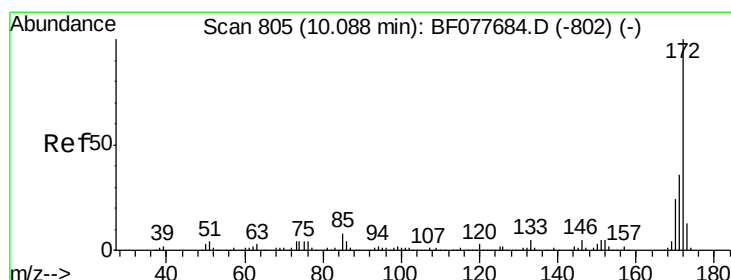
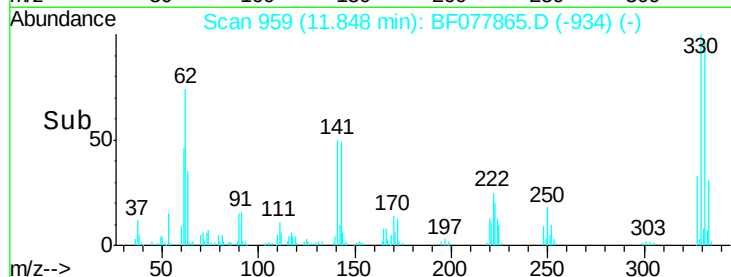
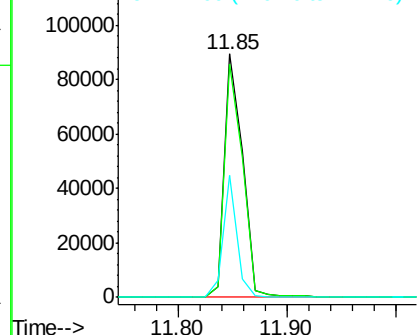
#41
 2,4,6-Tribromophenol
 Concen: 106.60 ng
 RT: 11.85 min Scan# 959
 Delta R.T. -0.01 min
 Lab File: BF077865.D
 Acq: 20 Mar 2015 16:07

Instrument :
 BNA_F
 ClientSampleId :
 PB82217BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	0.0	0.0#
141	38.8	0.0	0.0#

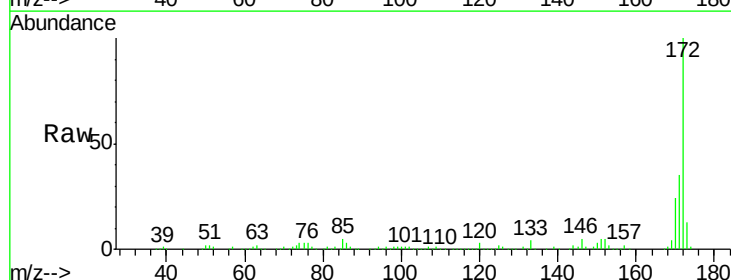


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

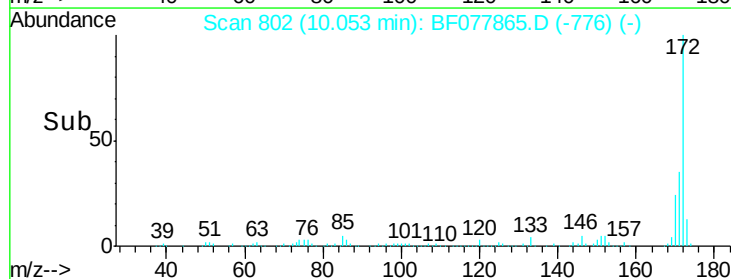
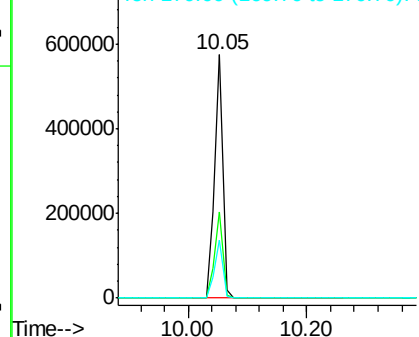


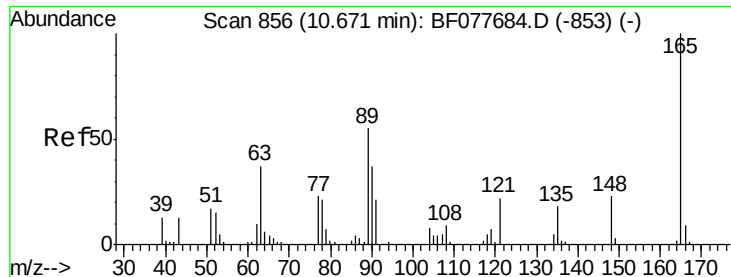
#44
 2-Fluorobiphenyl
 Concen: 79.60 ng
 RT: 10.05 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF077865.D
 Acq: 20 Mar 2015 16:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.5	42.7
170	23.8	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

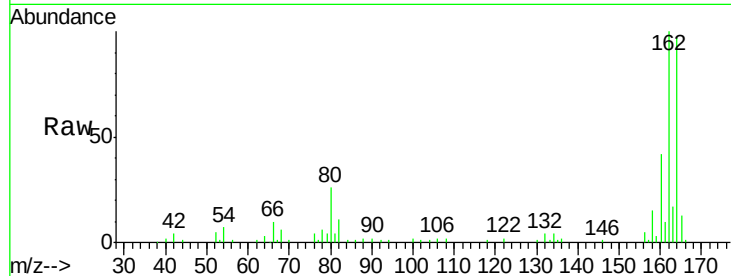




#50
 2,6-Dinitrotoluene
 Concen: 7.89 ng
 RT: 10.86 min Scan# 873
 Delta R.T. 0.23 min
 Lab File: BF077865.D
 Acq: 20 Mar 2015 16:07

Instrument :
 BNA_F
 ClientSampleId :
 PB82217BL

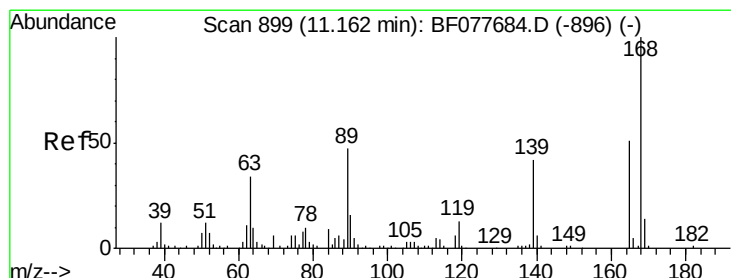
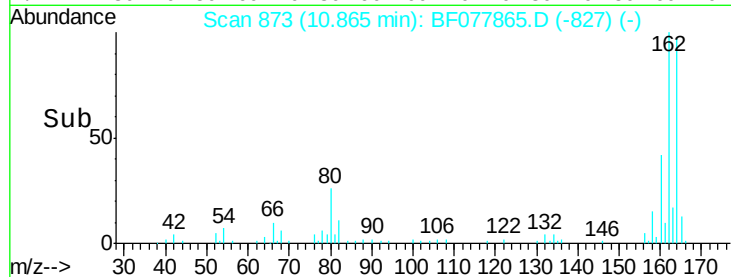
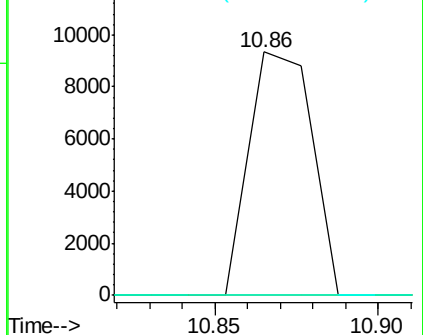
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.1	66.1#
89	0.0	44.3	66.5#



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: 6.05 ng
 RT: 10.86 min Scan# 873
 Delta R.T. -0.26 min
 Lab File: BF077865.D
 Acq: 20 Mar 2015 16:07

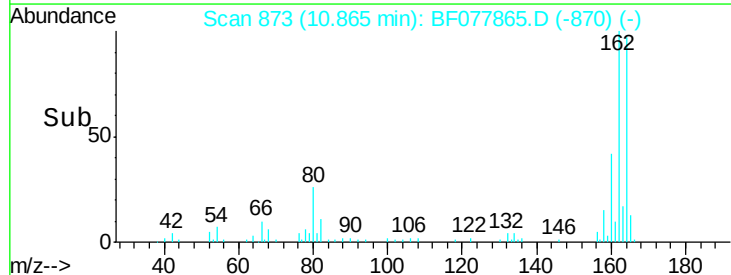
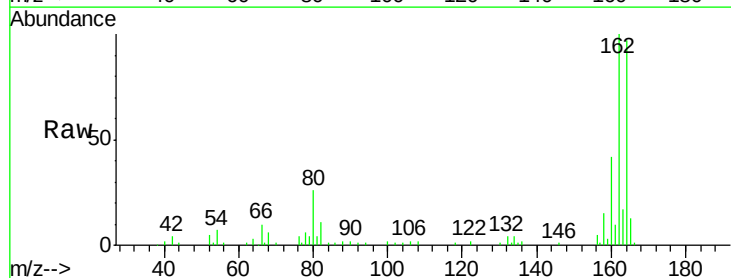
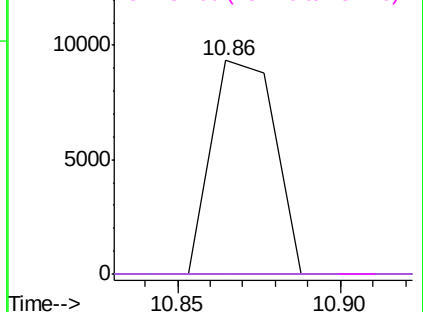
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.4	78.6#
89	0.0	72.4	108.6#
182	0.0	2.0	3.0#

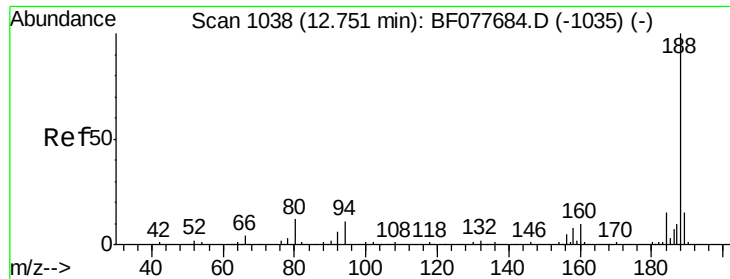
Abundance Ion 165.00 (164.70 to 165.70): E

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: 12.71 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF077865.D

Acq: 20 Mar 2015 16:07

Instrument :

BNA_F

ClientSampleId :

PB82217BL

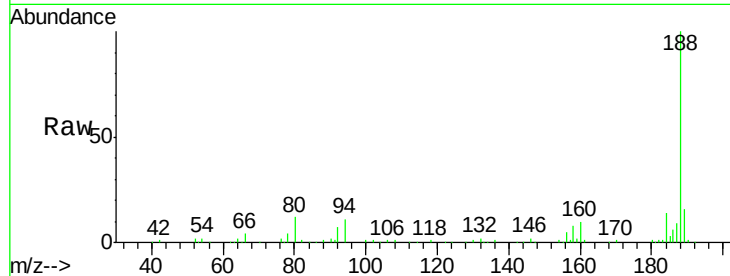
Tgt Ion:188 Resp: 194211

Ion Ratio Lower Upper

188 100

94 11.4 8.7 13.1

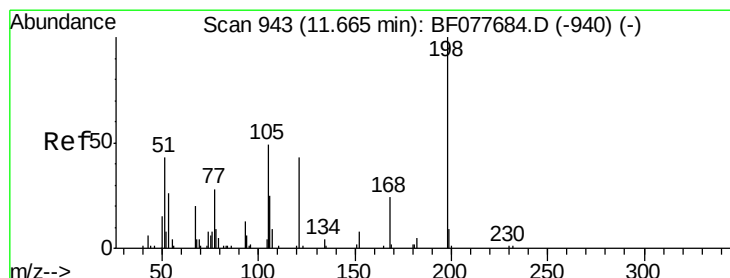
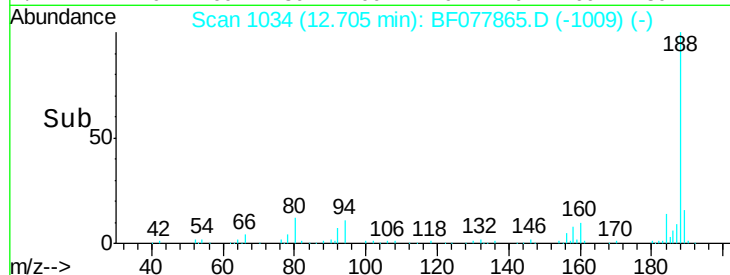
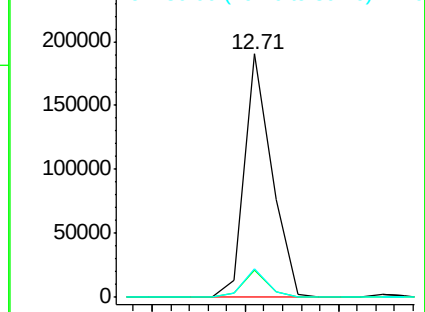
80 12.0 9.3 13.9



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



#64

4,6-Dinitro-2-methylphenol

Concen: 4.54 ng

RT: 11.85 min Scan# 959

Delta R.T. 0.22 min

Lab File: BF077865.D

Acq: 20 Mar 2015 16:07

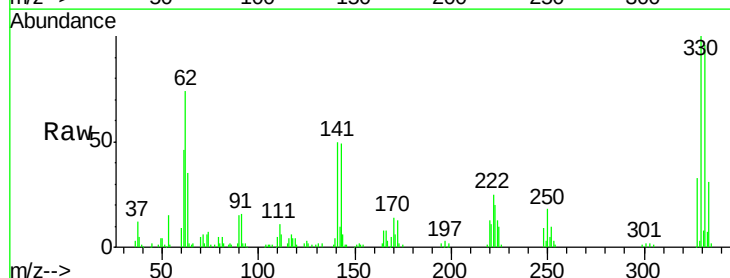
Tgt Ion:198 Resp: 247

Ion Ratio Lower Upper

198 100

51 134.4 28.8 68.8#

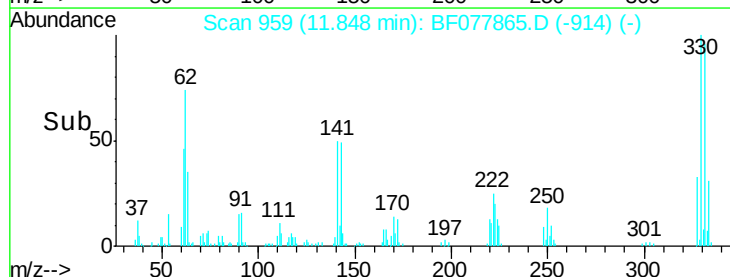
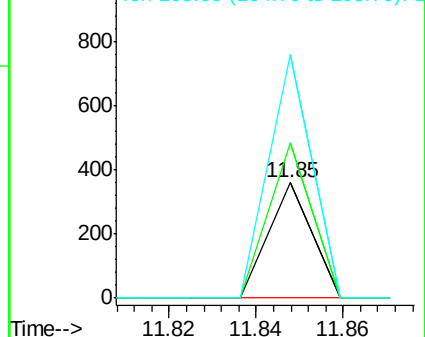
105 210.8 30.5 70.5#

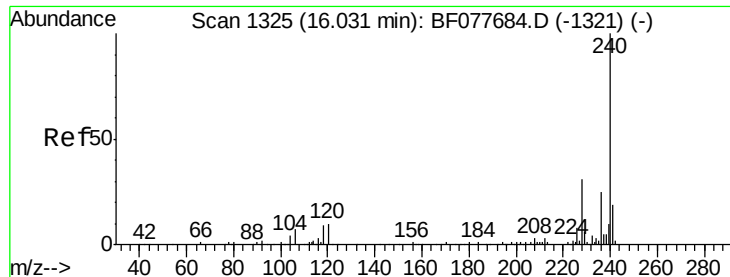


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.99 min Scan# 1321

Delta R.T. -0.02 min

Lab File: BF077865.D

Acq: 20 Mar 2015 16:07

Instrument :

BNA_F

ClientSampleId :

PB82217BL

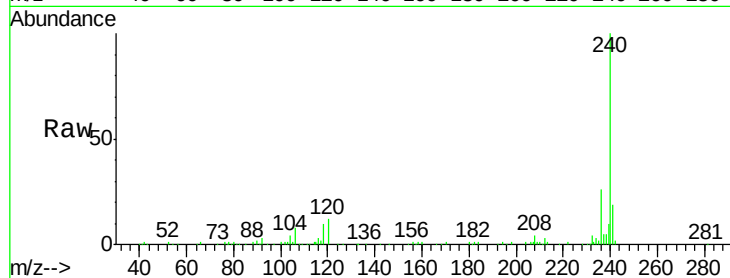
Tgt Ion:240 Resp: 204537

Ion Ratio Lower Upper

240 100

120 11.6 8.2 12.2

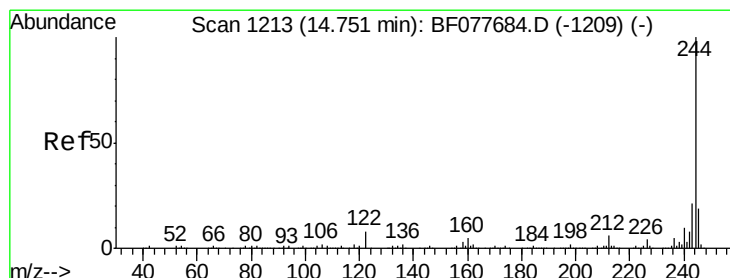
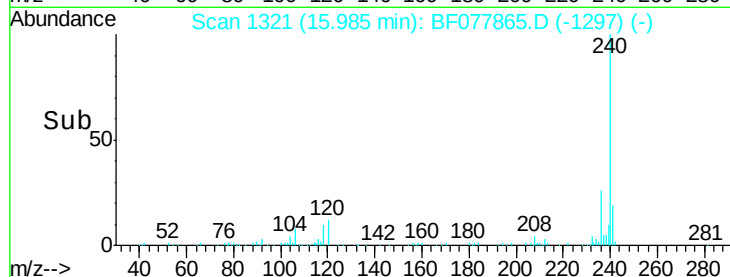
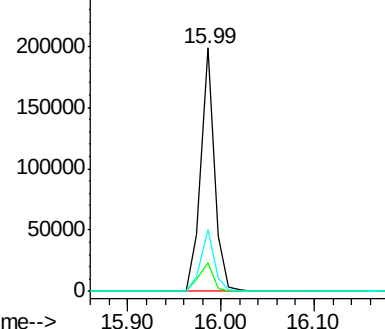
236 25.6 20.0 30.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 78.21 ng

RT: 14.71 min Scan# 1209

Delta R.T. -0.00 min

Lab File: BF077865.D

Acq: 20 Mar 2015 16:07

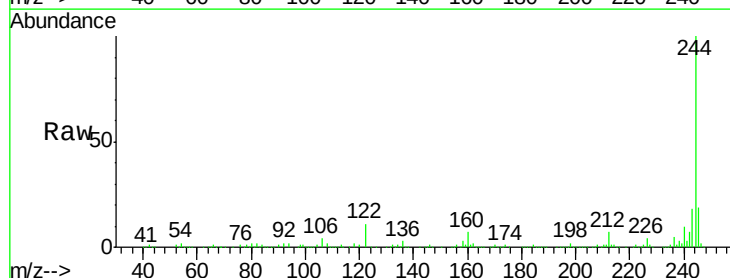
Tgt Ion:244 Resp: 654900

Ion Ratio Lower Upper

244 100

212 6.7 4.9 7.3

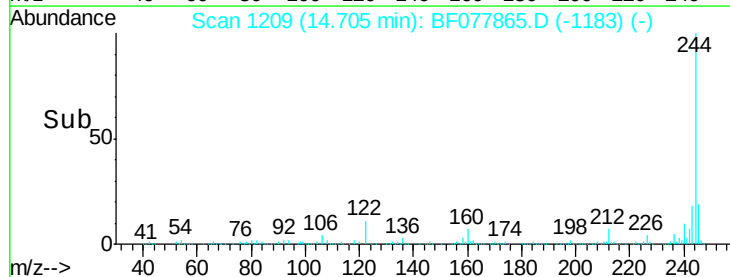
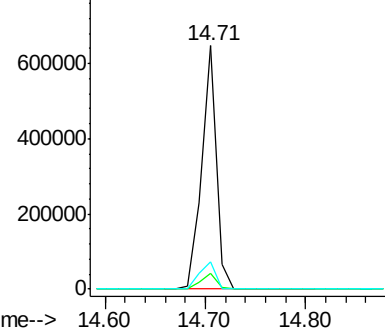
122 11.3 6.2 9.4#

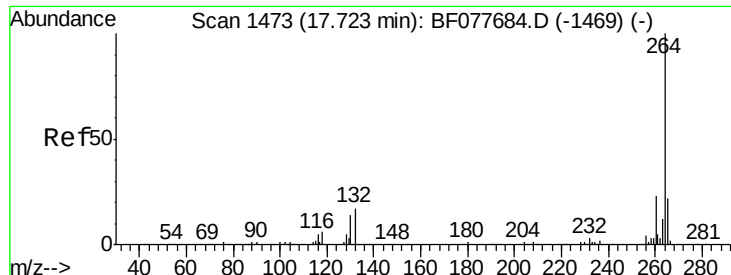


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

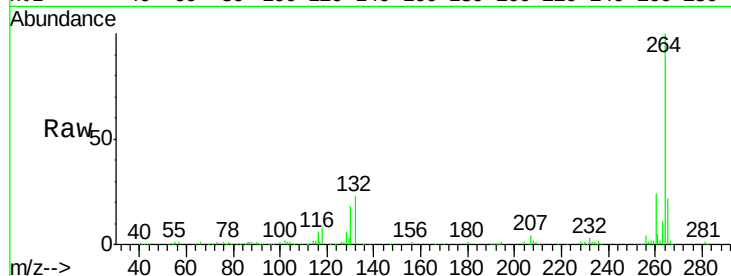




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.71 min Scan# 1472
Delta R.T. -0.13 min
Lab File: BF077865.D
Acq: 20 Mar 2015 16:07

Instrument :
BNA_F
ClientSampleId :
PB82217BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	27.8
265	21.8	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

