

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032415\
 Data File : BF077914.D
 Acq On : 24 Mar 2015 16:29
 Operator : TP/IZ
 Sample : PB82241BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82241BL

Quant Time: Mar 25 00:08:14 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 00:51:55 2015
 Response via : Initial Calibration

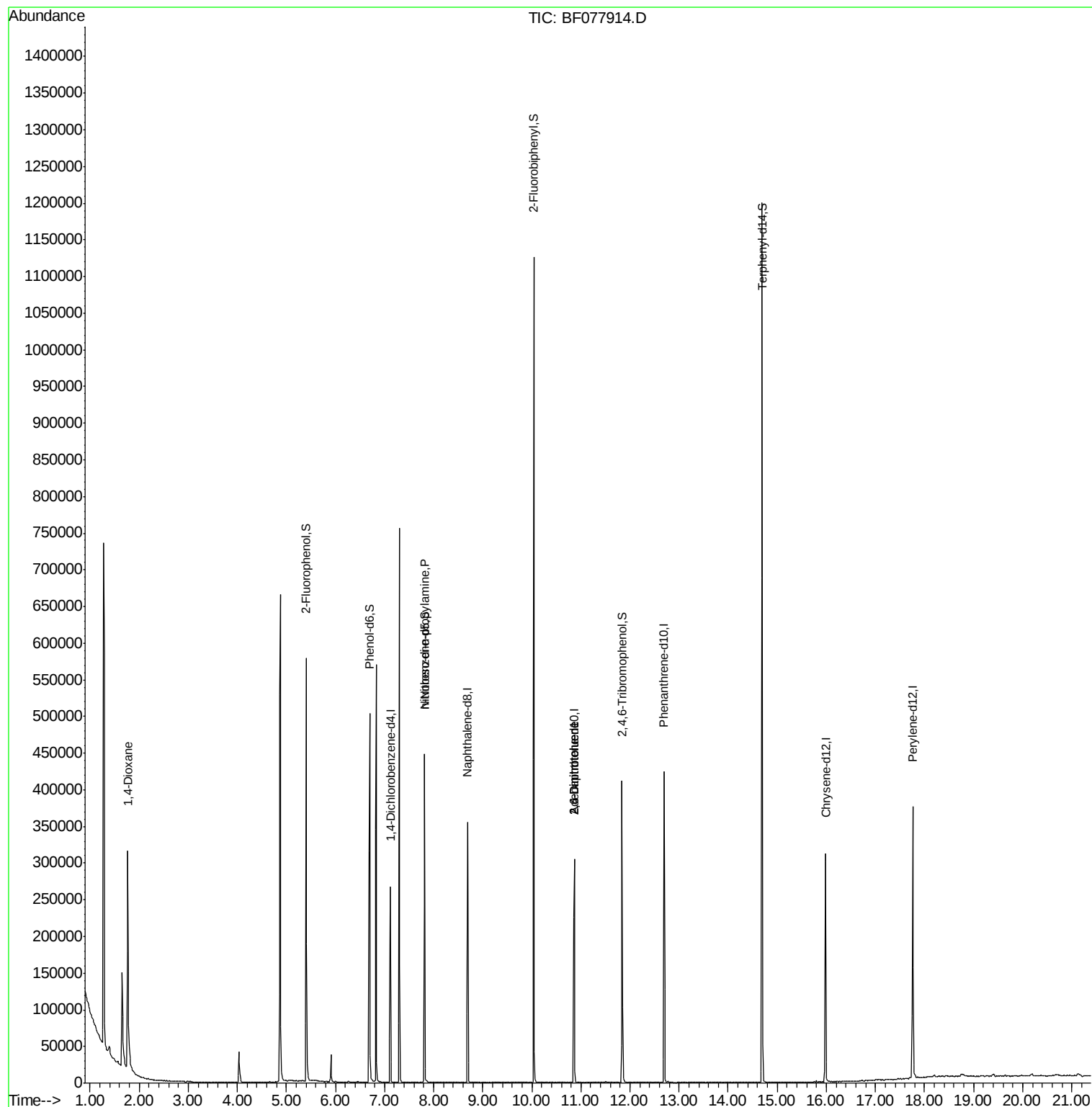
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.12	152	43699	20.00	ng	0.00
21) Naphthalene-d8	8.69	136	173640	20.00	ng	0.00
38) Acenaphthene-d10	10.87	164	83284	20.00	ng	0.00
63) Phenanthrene-d10	12.69	188	169035	20.00	ng	0.00
75) Chrysene-d12	15.99	240	180008	20.00	ng	0.01
86) Perylene-d12	17.76	264	169015	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	187332	74.83	ng	0.00
7) Phenol-d6	6.69	99	237018	76.63	ng	0.00
23) Nitrobenzene-d5	7.81	82	173619	65.54	ng	0.00
41) 2,4,6-Tribromophenol	11.84	330	48683	61.09	ng	0.00
44) 2-Fluorobiphenyl	10.04	172	404020	71.29	ng	0.00
78) Terphenyl-d14	14.69	244	487362	66.13	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.77	88	11797	10.38	ng	# 100
19) n-Nitroso-di-n-propylamine	7.81	70	21336	9.97	ng	# 78
50) 2,6-Dinitrotoluene	10.87	165	10225	7.99	ng	# 24
56) 2,4-Dinitrotoluene	10.87	165	10225	6.12	ng	# 11
76) Benzidine	14.40	184	248	Below Cal		# 68

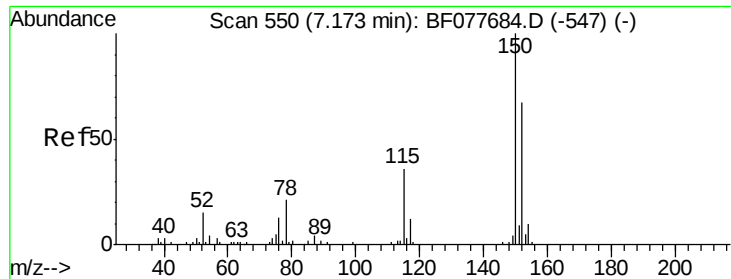
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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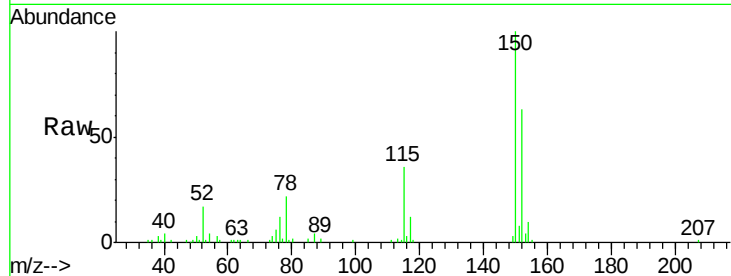


#1

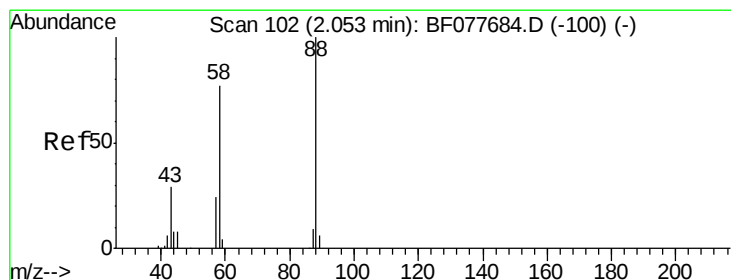
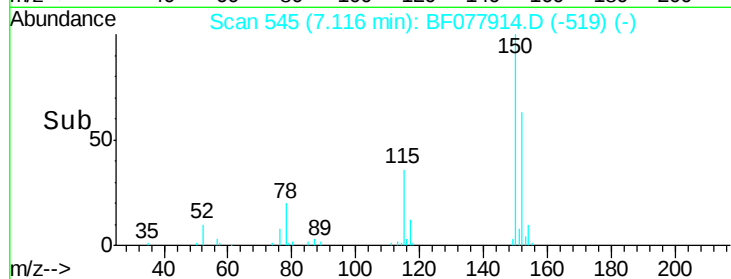
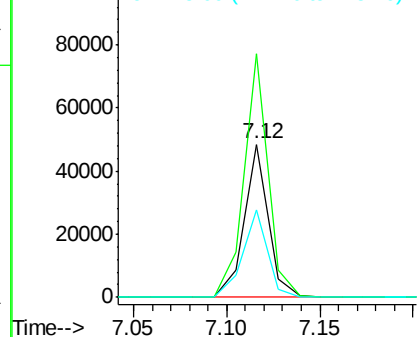
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.12 min Scan# 545
Delta R.T. 0.00 min
Lab File: BF077914.D
Acq: 24 Mar 2015 16:29

Instrument :
BNA_F
ClientSampleId :
PB82241BL

Tgt Ion:152 Resp: 43699
Ion Ratio Lower Upper
152 100
150 159.1 119.5 179.3
115 57.5 43.0 64.4



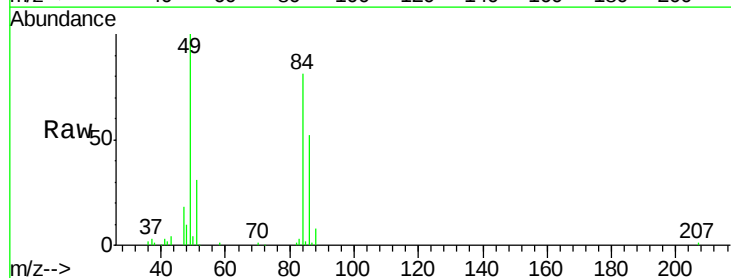
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



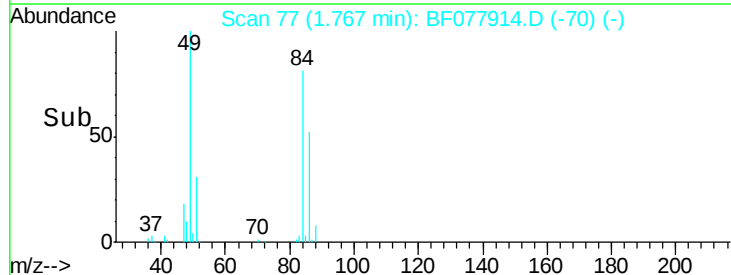
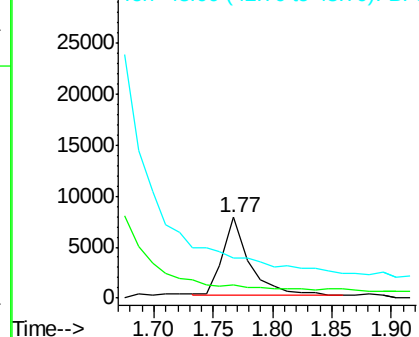
#2

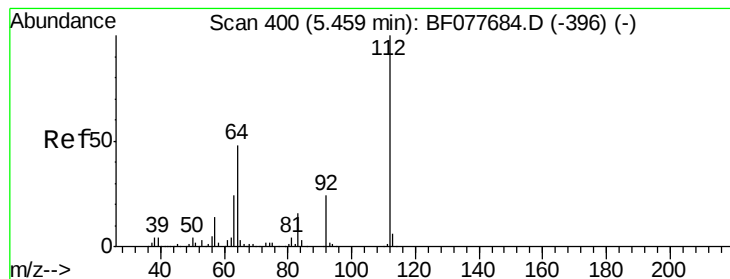
1,4-Dioxane
Concen: 10.38 ng
RT: 1.77 min Scan# 77
Delta R.T. -0.22 min
Lab File: BF077914.D
Acq: 24 Mar 2015 16:29

Tgt Ion: 88 Resp: 11797
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: 74.83 ng

RT: 5.40 min Scan# 395

Delta R.T. 0.00 min

Lab File: BF077914.D

Acq: 24 Mar 2015 16:29

Instrument :

BNA_F

ClientSampleId :

PB82241BL

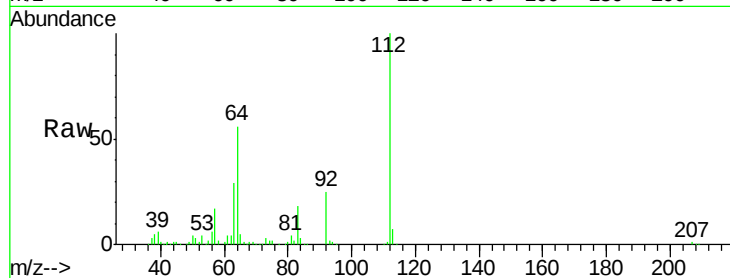
Tgt Ion: 112 Resp: 187332

Ion Ratio Lower Upper

112 100

64 56.3 38.6 57.8

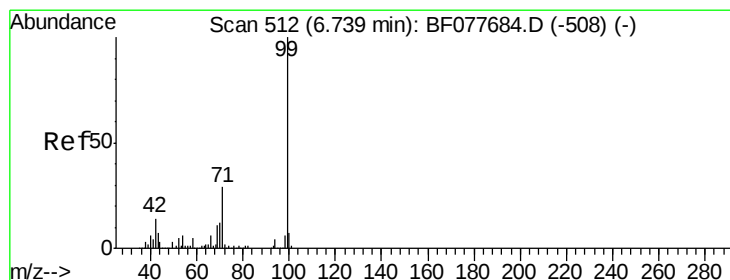
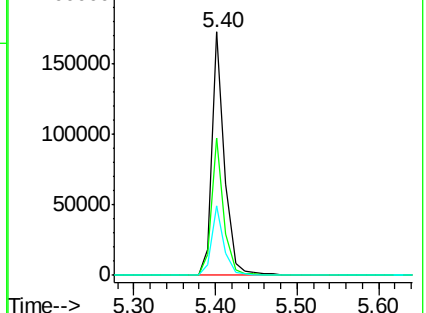
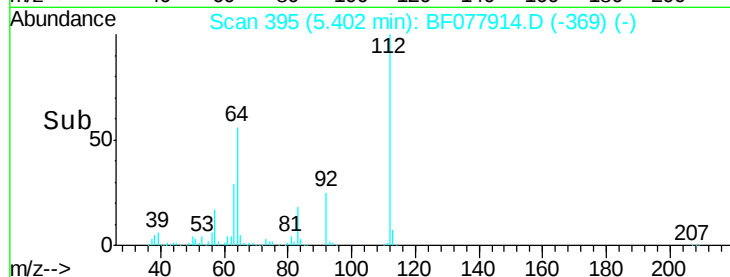
63 28.7 19.3 28.9



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: 76.63 ng

RT: 6.69 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF077914.D

Acq: 24 Mar 2015 16:29

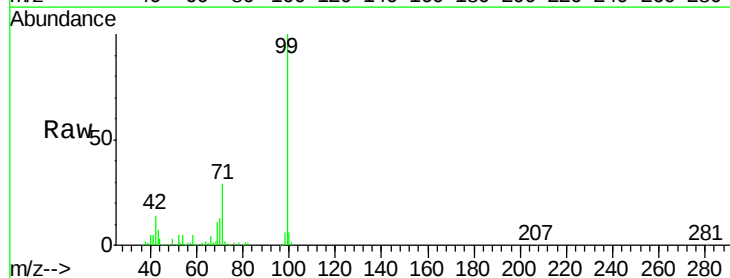
Tgt Ion: 99 Resp: 237018

Ion Ratio Lower Upper

99 100

42 13.8 11.0 16.4

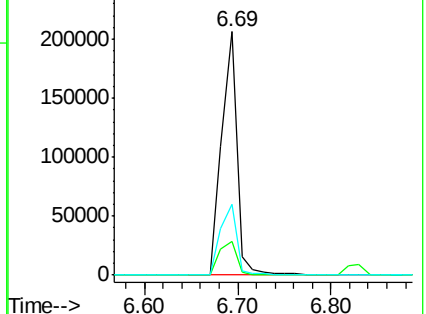
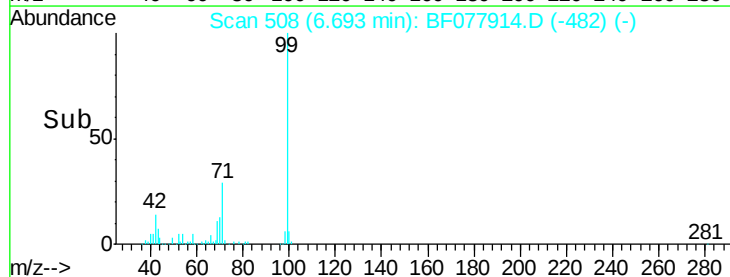
71 29.2 23.4 35.2

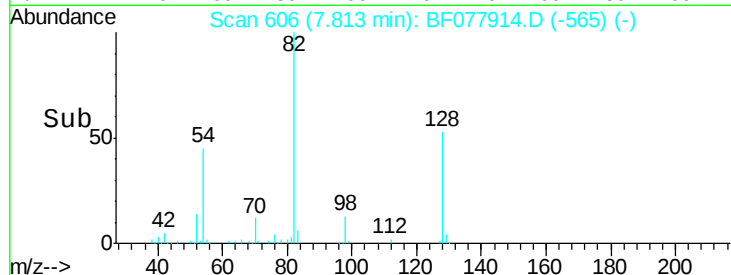
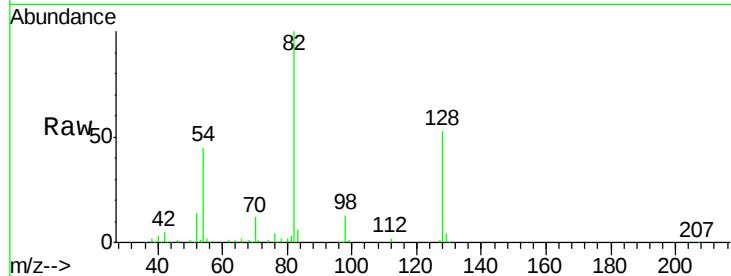
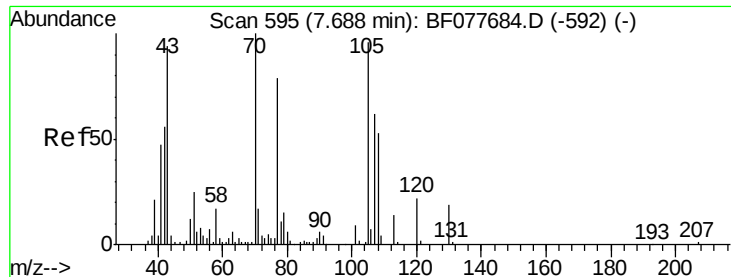


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

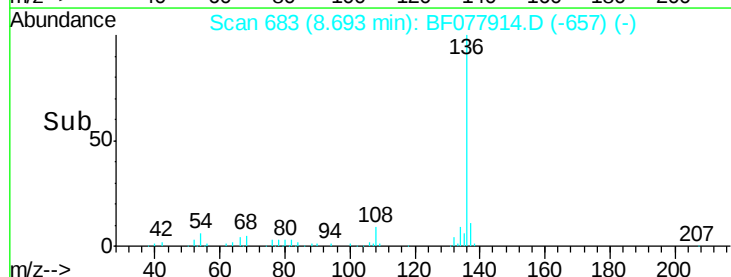
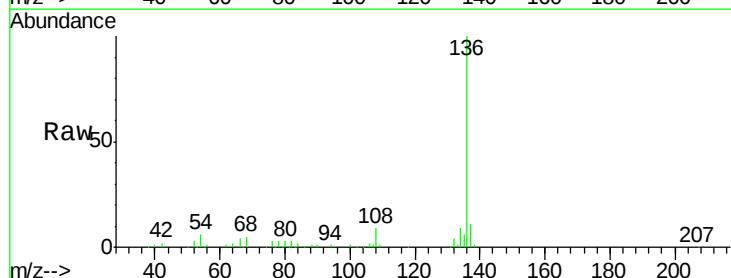
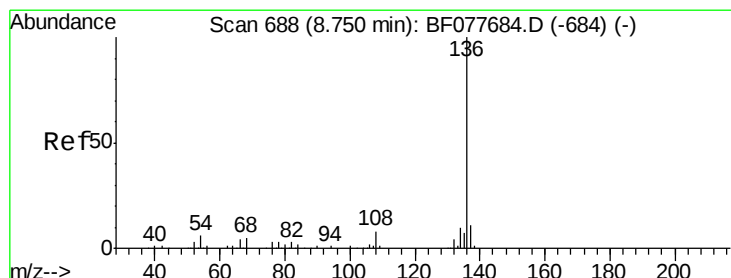
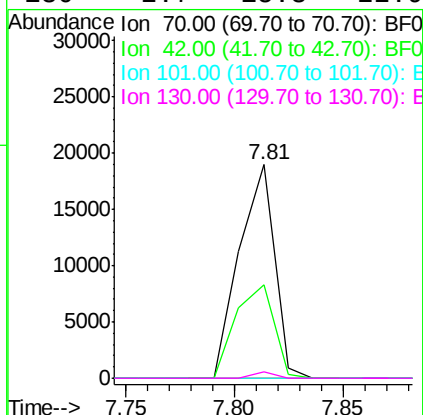




#19
n-Nitroso-di-n-propylamine
Concen: 9.97 ng
RT: 7.81 min Scan# 606
Delta R.T. 0.17 min
Lab File: BF077914.D
Acq: 24 Mar 2015 16:29

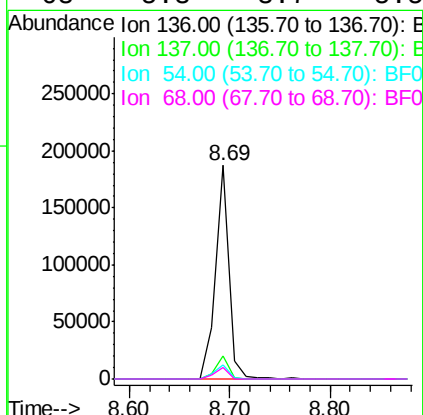
Instrument :
BNA_F
ClientSampleId :
PB82241BL

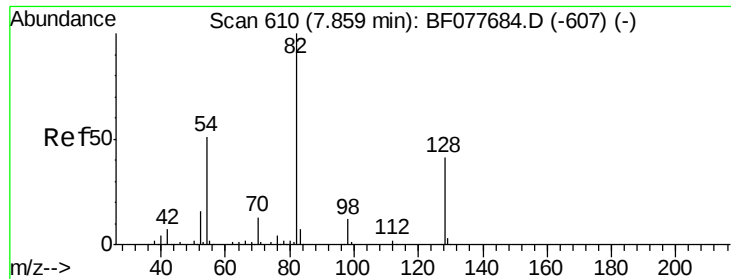
Tgt Ion: 70 Resp: 21336
Ion Ratio Lower Upper
70 100
42 44.0 44.5 66.7#
101 0.0 7.4 11.2#
130 2.7 15.3 22.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.69 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF077914.D
Acq: 24 Mar 2015 16:29

Tgt Ion: 136 Resp: 173640
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 6.5 4.6 6.8
68 5.3 3.7 5.5

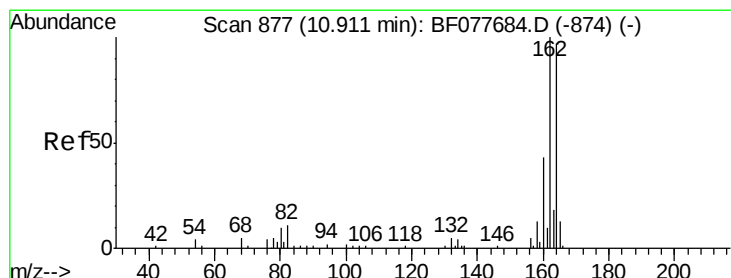
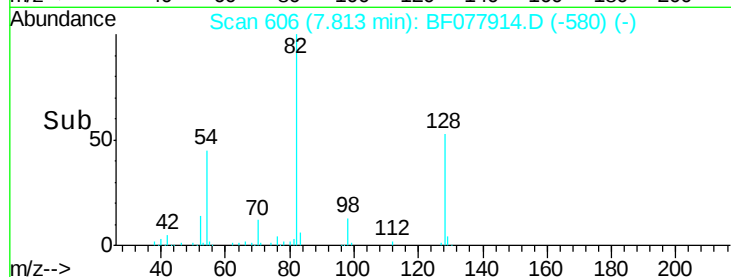
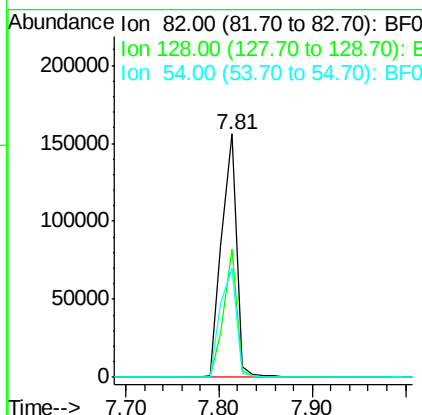
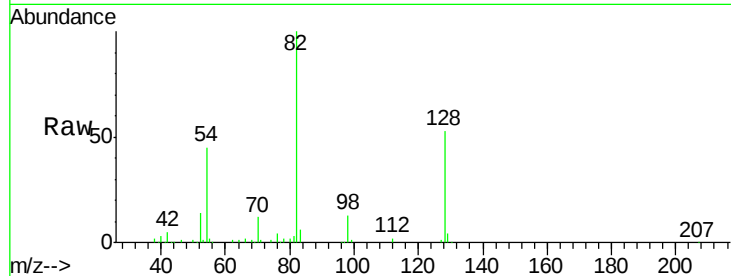




#23
 Nitrobenzene-d5
 Concen: 65.54 ng
 RT: 7.81 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: BF077914.D
 Acq: 24 Mar 2015 16:29

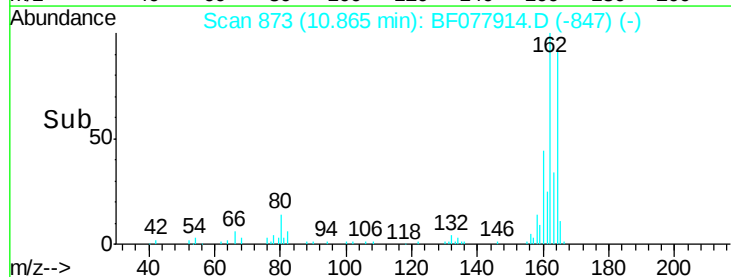
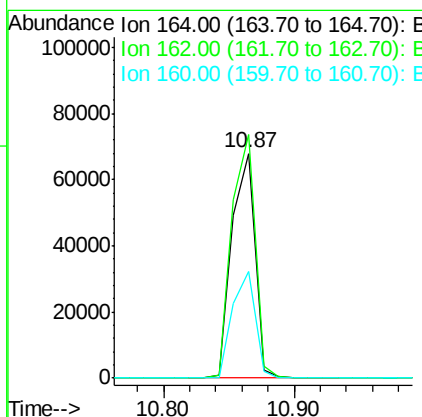
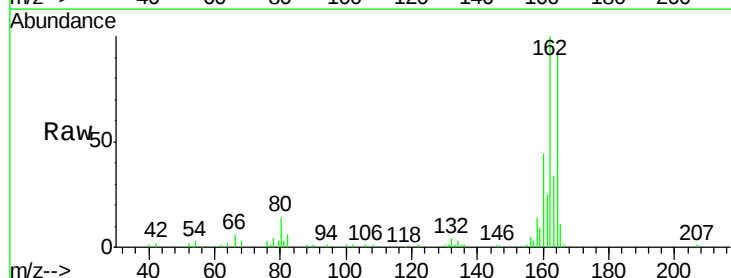
Instrument :
 BNA_F
 ClientSampled :
 PB82241BL

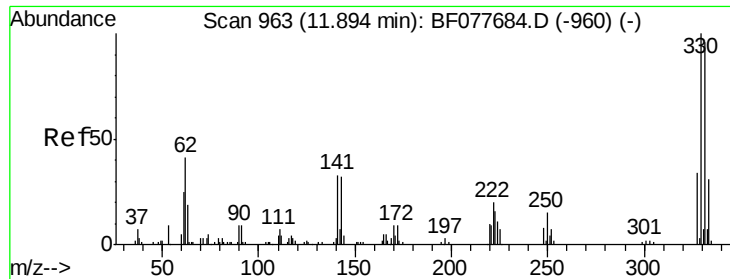
Tgt Ion: 82 Resp: 173619
 Ion Ratio Lower Upper
 82 100
 128 52.7 32.8 49.2#
 54 44.9 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.87 min Scan# 873
 Delta R.T. 0.00 min
 Lab File: BF077914.D
 Acq: 24 Mar 2015 16:29

Tgt Ion: 164 Resp: 83284
 Ion Ratio Lower Upper
 164 100
 162 108.5 82.4 123.6
 160 47.5 35.8 53.6

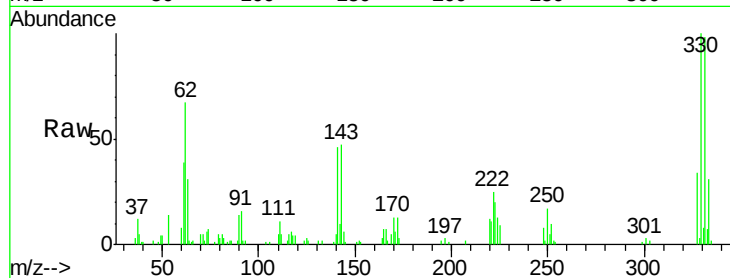




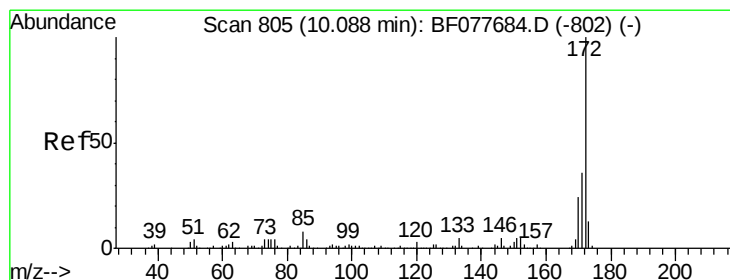
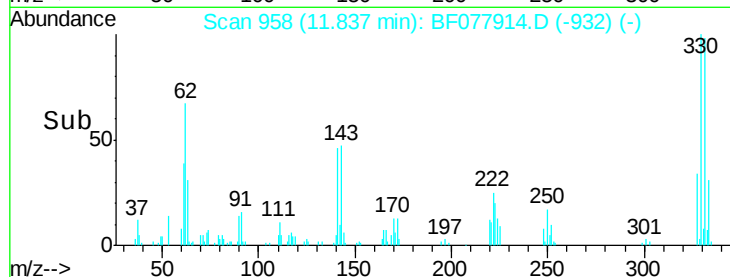
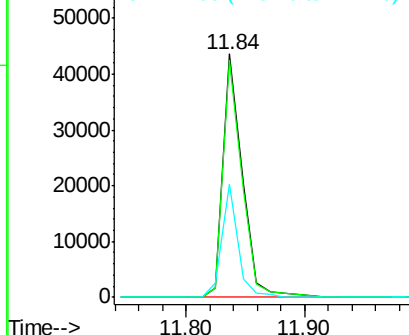
#41
 2,4,6-Tribromophenol
 Concen: 61.09 ng
 RT: 11.84 min Scan# 958
 Delta R.T. 0.00 min
 Lab File: BF077914.D
 Acq: 24 Mar 2015 16:29

Instrument :
 BNA_F
 ClientSampleId :
 PB82241BL

Tgt Ion:330 Resp: 48683
 Ion Ratio Lower Upper
 330 100
 332 96.2 0.0 0.0#
 141 38.6 0.0 0.0#

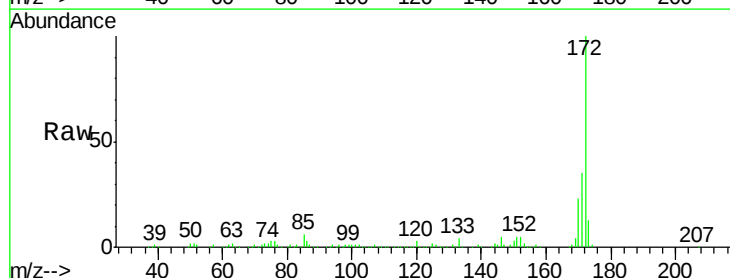


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

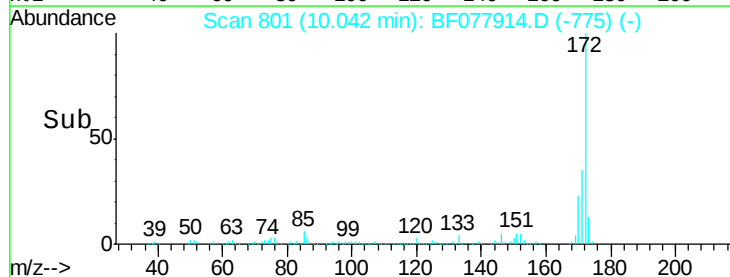
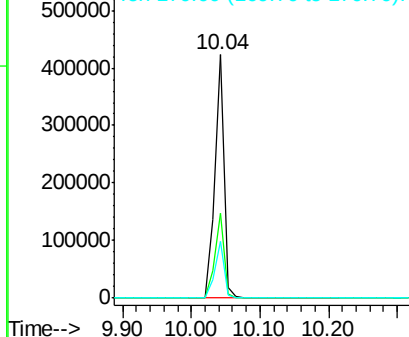


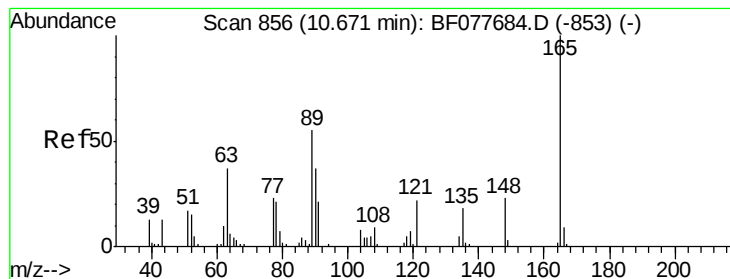
#44
 2-Fluorobiphenyl
 Concen: 71.29 ng
 RT: 10.04 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: BF077914.D
 Acq: 24 Mar 2015 16:29

Tgt Ion:172 Resp: 404020
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.5 42.7
 170 23.5 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: 7.99 ng

RT: 10.87 min Scan# 873

Delta R.T. 0.24 min

Lab File: BF077914.D

Acq: 24 Mar 2015 16:29

Instrument :

BNA_F

ClientSampleID :

PB82241BL

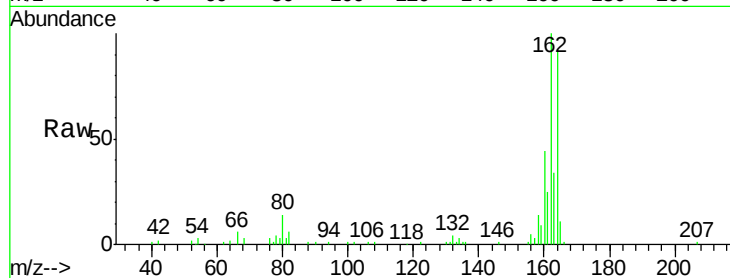
Tgt Ion:165 Resp: 10225

Ion Ratio Lower Upper

165 100

63 0.0 44.1 66.1#

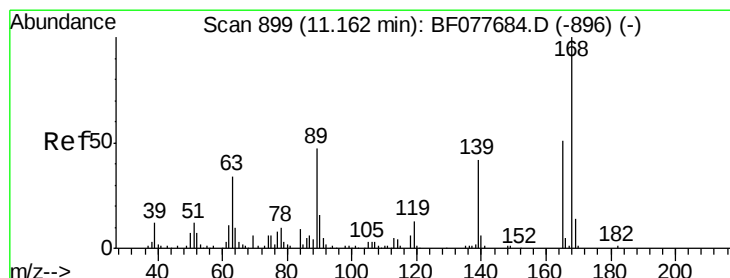
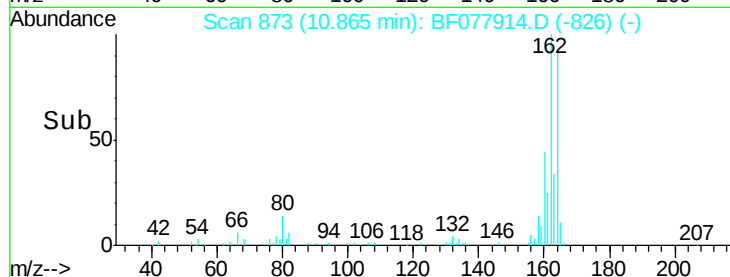
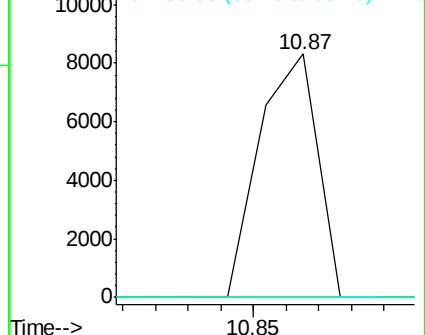
89 0.0 44.3 66.5#



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: 6.12 ng

RT: 10.87 min Scan# 873

Delta R.T. -0.25 min

Lab File: BF077914.D

Acq: 24 Mar 2015 16:29

Tgt Ion:165 Resp: 10225

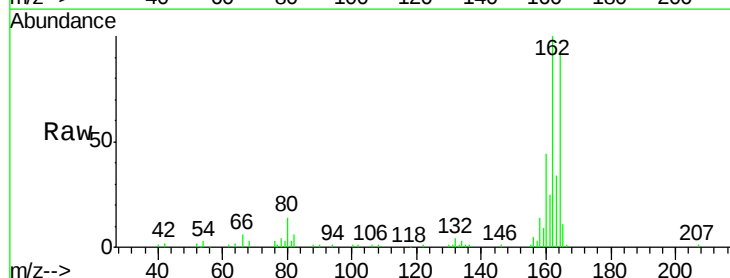
Ion Ratio Lower Upper

165 100

63 0.0 52.4 78.6#

89 0.0 72.4 108.6#

182 0.0 2.0 3.0#

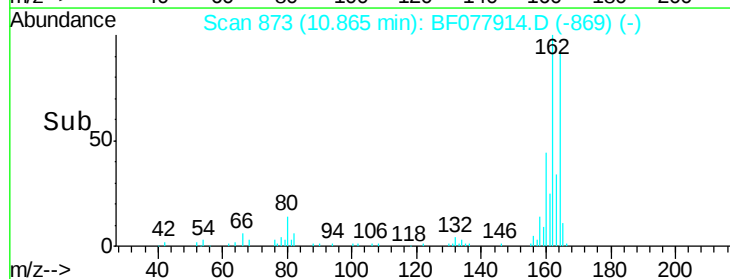
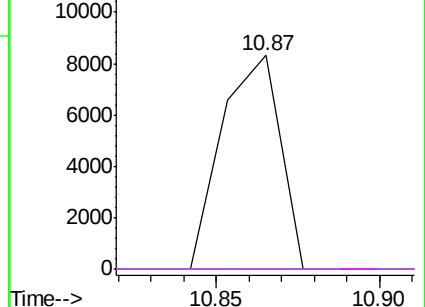


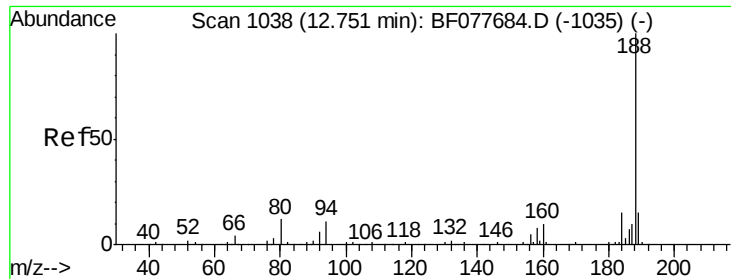
Abundance Ion 165.00 (164.70 to 165.70): E

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

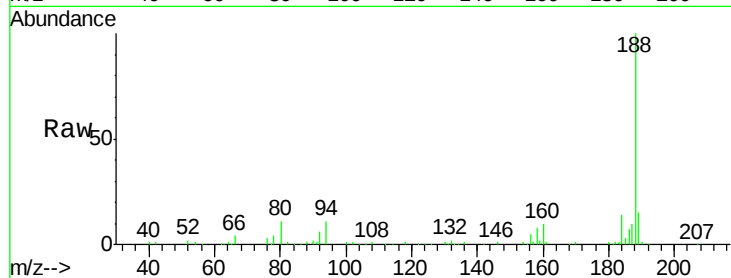




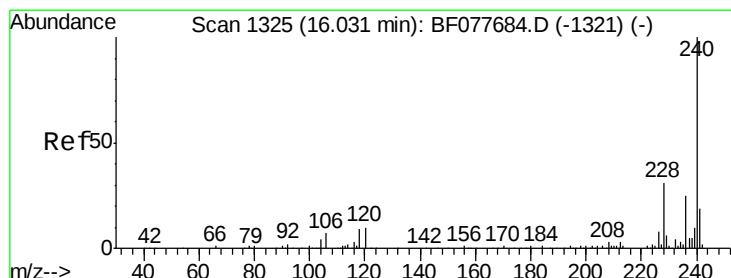
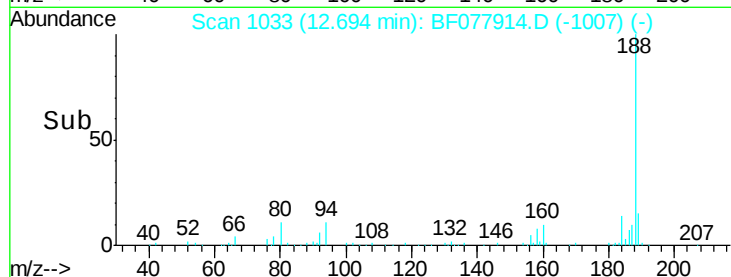
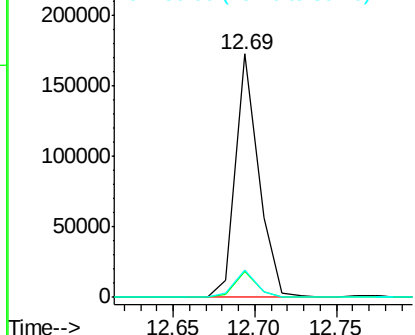
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.69 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF077914.D
Acq: 24 Mar 2015 16:29

Instrument :
BNA_F
ClientSampleId :
PB82241BL

Tgt Ion:188 Resp: 169035
Ion Ratio Lower Upper
188 100
94 10.7 8.7 13.1
80 11.2 9.3 13.9

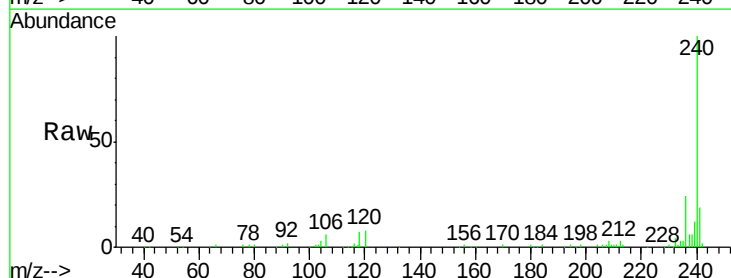


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

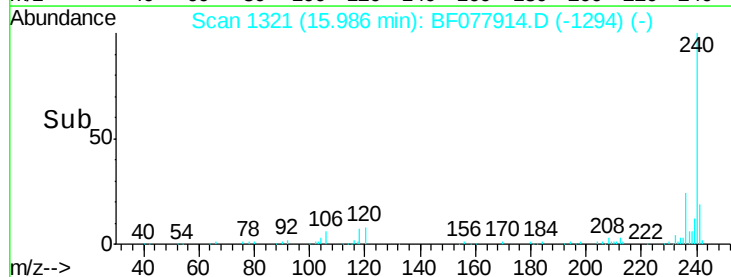
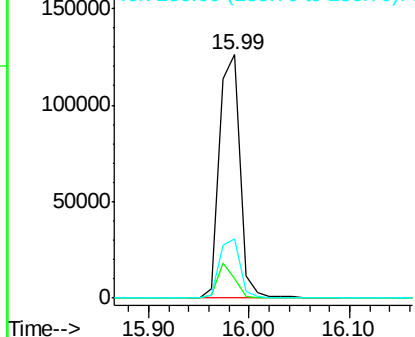


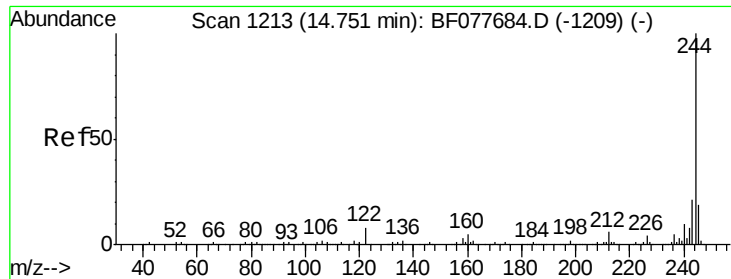
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.99 min Scan# 1321
Delta R.T. 0.01 min
Lab File: BF077914.D
Acq: 24 Mar 2015 16:29

Tgt Ion:240 Resp: 180008
Ion Ratio Lower Upper
240 100
120 8.1 8.2 12.2#
236 24.1 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

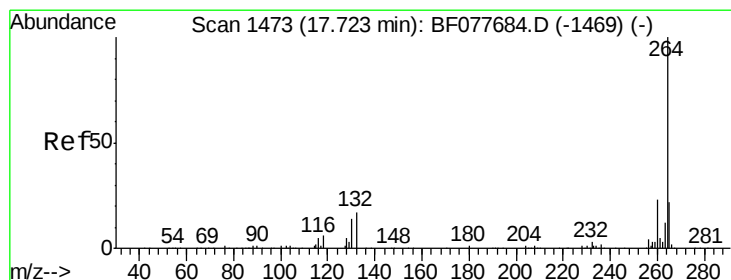
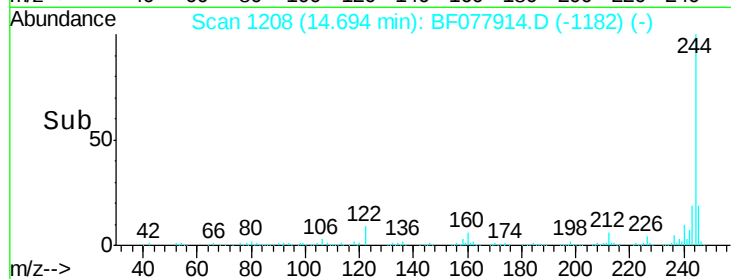
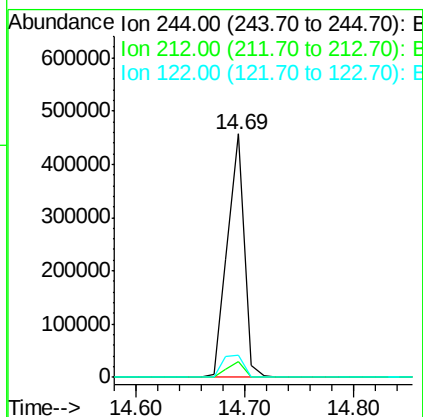
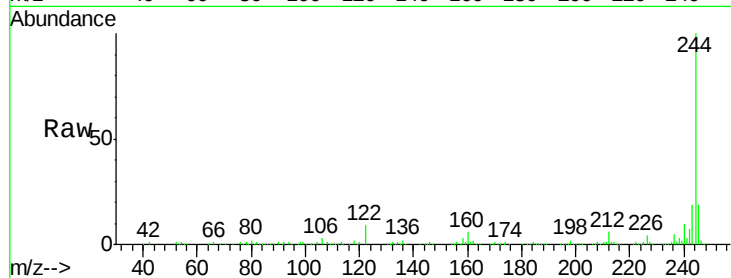




#78
 Terphenyl-d14
 Concen: 66.13 ng
 RT: 14.69 min Scan# 1208
 Delta R.T. 0.00 min
 Lab File: BF077914.D
 Acq: 24 Mar 2015 16:29

Instrument :
 BNA_F
 ClientSampleId :
 PB82241BL

Tgt Ion: 244 Resp: 487362
 Ion Ratio Lower Upper
 244 100
 212 6.3 4.9 7.3
 122 9.3 6.2 9.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.76 min Scan# 1476
 Delta R.T. 0.06 min
 Lab File: BF077914.D
 Acq: 24 Mar 2015 16:29

Tgt Ion: 264 Resp: 169015
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.6 27.8
 265 20.4 17.3 25.9

