

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032415\
 Data File : BF077911.D
 Acq On : 24 Mar 2015 13:44
 Operator : TP/IZ
 Sample : PB82277BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82277BL

Quant Time: Mar 25 00:05:54 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

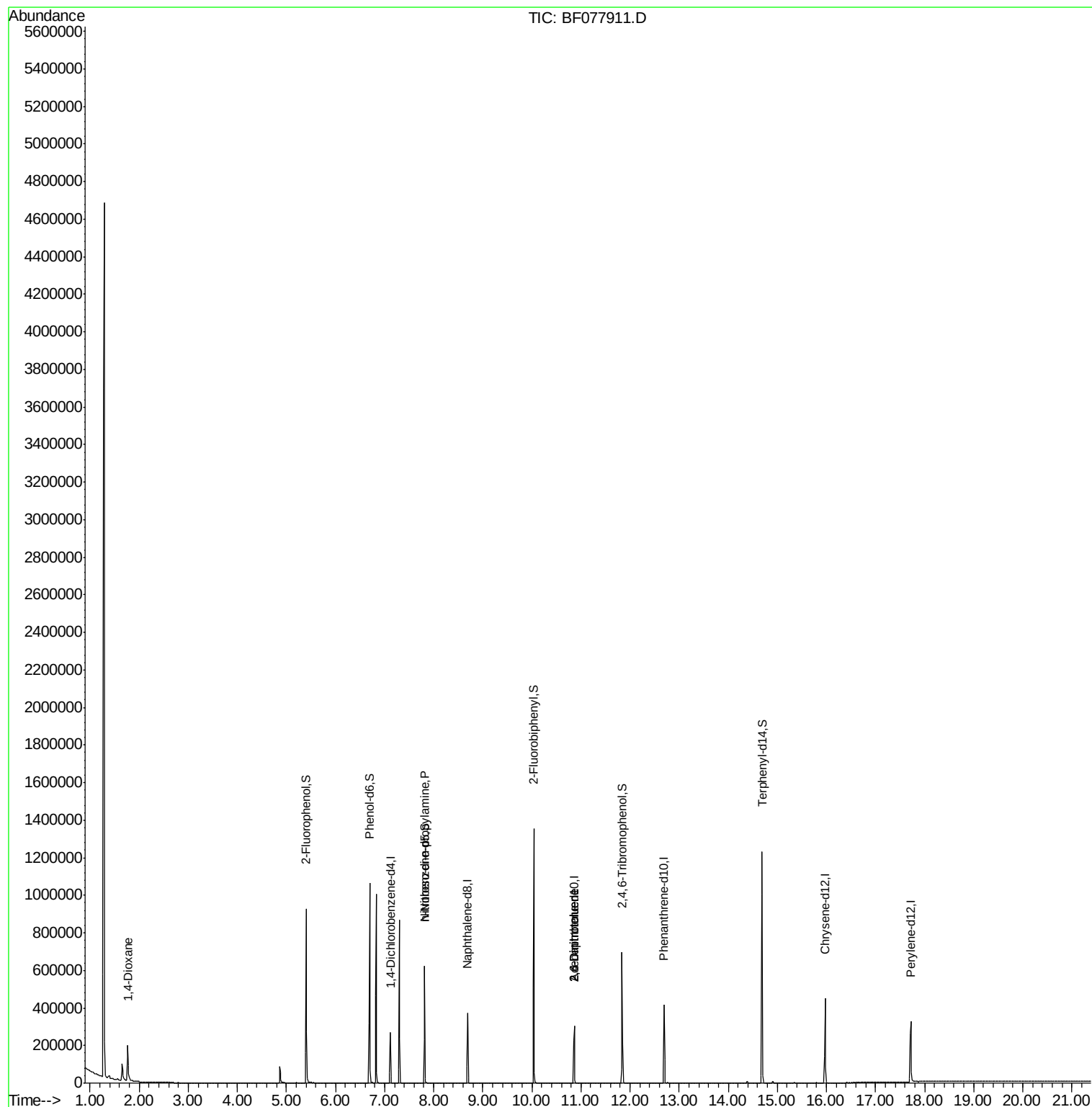
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.12	152	43009	20.00	ng	0.00
21) Naphthalene-d8	8.69	136	177151	20.00	ng	0.00
38) Acenaphthene-d10	10.86	164	84016	20.00	ng	0.00
63) Phenanthrene-d10	12.69	188	170859	20.00	ng	0.00
75) Chrysene-d12	15.97	240	187098	20.00	ng	0.00
86) Perylene-d12	17.72	264	180856	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	296650	120.40	ng	0.00
7) Phenol-d6	6.69	99	386563	126.98	ng	0.00
23) Nitrobenzene-d5	7.81	82	216079	79.96	ng	0.00
41) 2,4,6-Tribromophenol	11.84	330	83395	103.74	ng	0.00
44) 2-Fluorobiphenyl	10.04	172	472139	82.59	ng	0.00
78) Terphenyl-d14	14.69	244	576915	75.32	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.77	88	8985	8.03	ng	# 100
19) n-Nitroso-di-n-propylamine	7.81	70	26475	12.57	ng	# 78
50) 2,6-Dinitrotoluene	10.86	165	10103	7.82	ng	# 24
56) 2,4-Dinitrotoluene	10.86	165	10100	6.00	ng	# 11

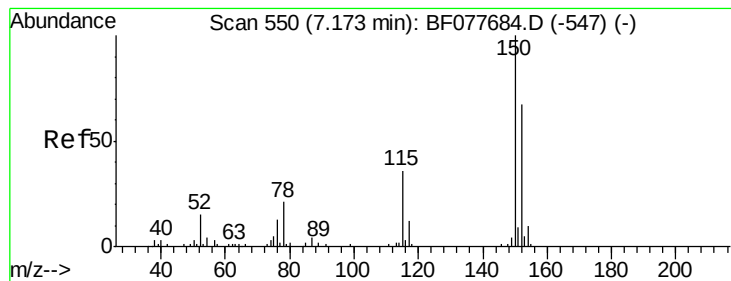
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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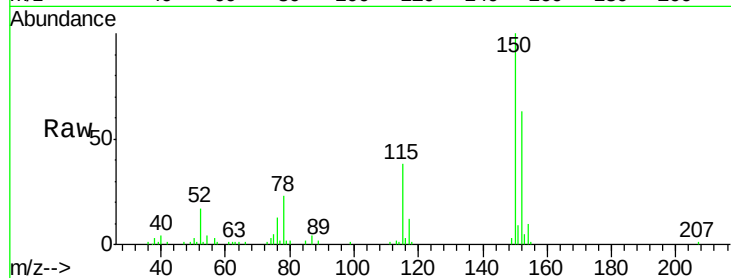




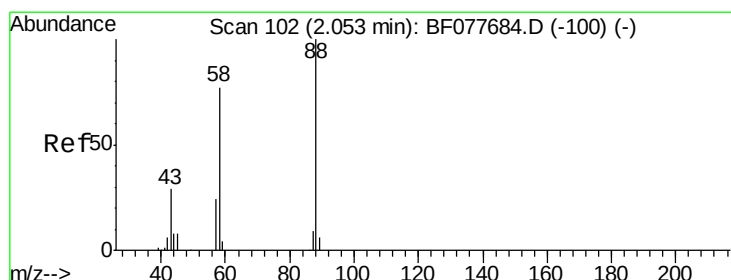
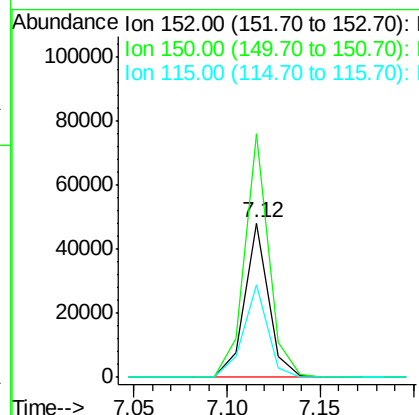
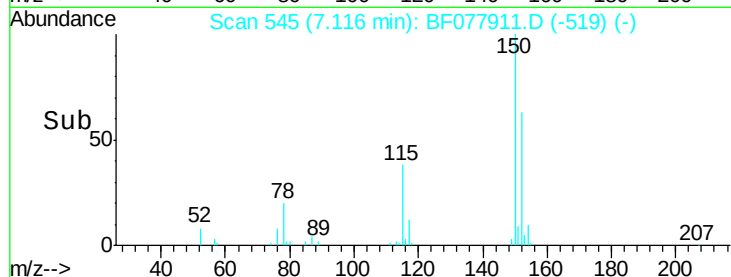
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.12 min Scan# 545
 Delta R.T. -0.00 min
 Lab File: BF077911.D
 Acq: 24 Mar 2015 13:44

Instrument :
 BNA_F
 ClientSampleId :
 PB82277BL

Tgt Ion:152 Resp: 43009
 Ion Ratio Lower Upper
 152 100
 150 158.0 119.5 179.3
 115 60.2 43.0 64.4

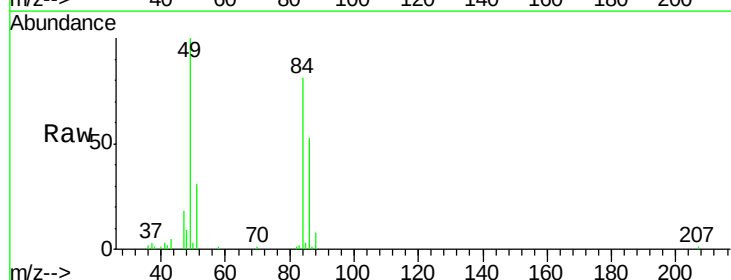


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

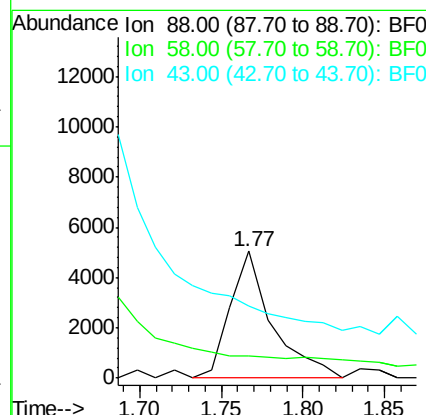
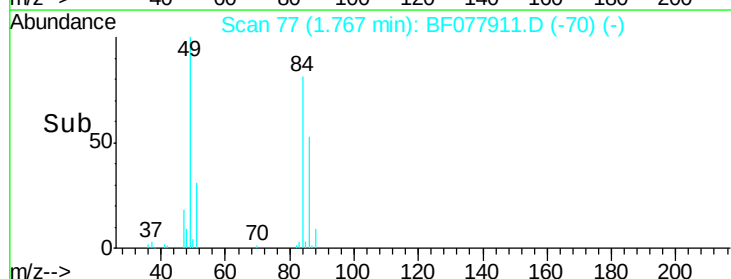


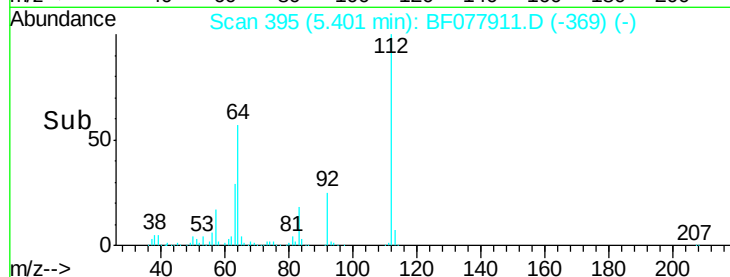
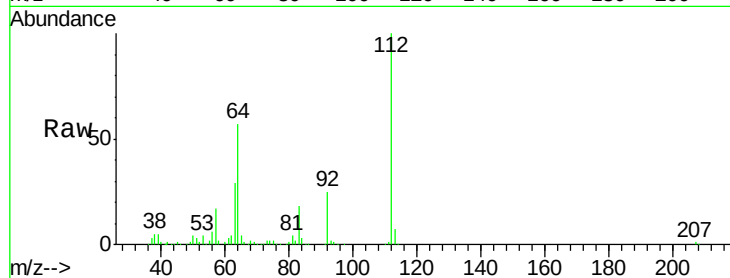
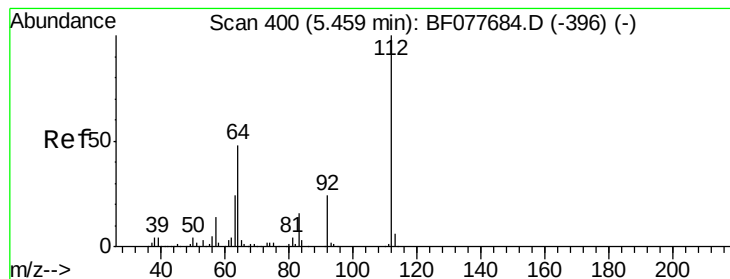
#2
 1,4-Dioxane
 Concen: 8.03 ng
 RT: 1.77 min Scan# 77
 Delta R.T. -0.22 min
 Lab File: BF077911.D
 Acq: 24 Mar 2015 13:44

Tgt Ion: 88 Resp: 8985
 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: 120.40 ng

RT: 5.40 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF077911.D

Acq: 24 Mar 2015 13:44

Instrument :

BNA_F

ClientSampleId :

PB82277BL

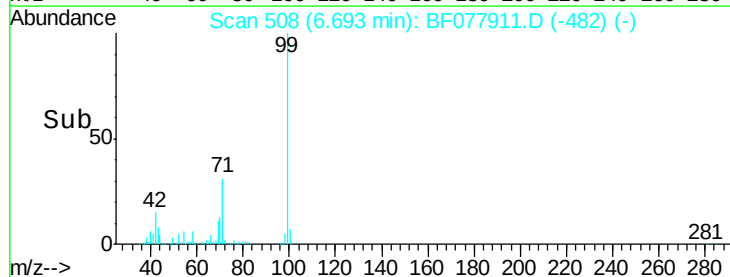
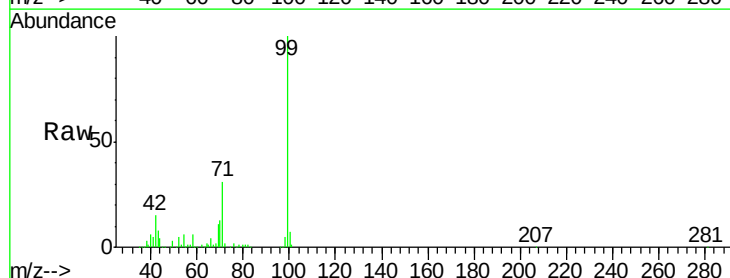
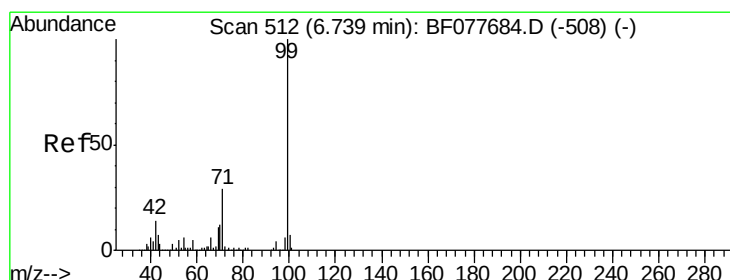
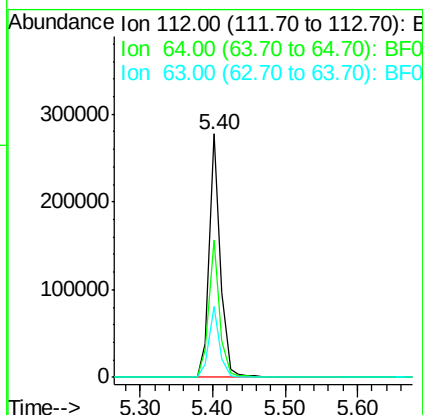
Tgt Ion:112 Resp: 296650

Ion Ratio Lower Upper

112 100

64 56.6 38.6 57.8

63 29.1 19.3 28.9#



#7

Phenol-d6

Concen: 126.98 ng

RT: 6.69 min Scan# 508

Delta R.T. -0.00 min

Lab File: BF077911.D

Acq: 24 Mar 2015 13:44

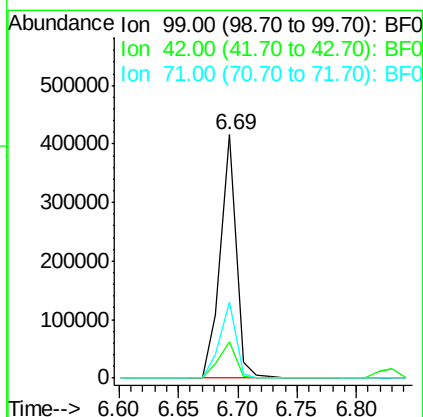
Tgt Ion: 99 Resp: 386563

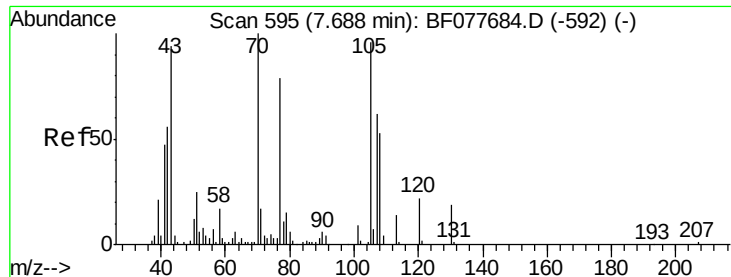
Ion Ratio Lower Upper

99 100

42 15.1 11.0 16.4

71 31.3 23.4 35.2

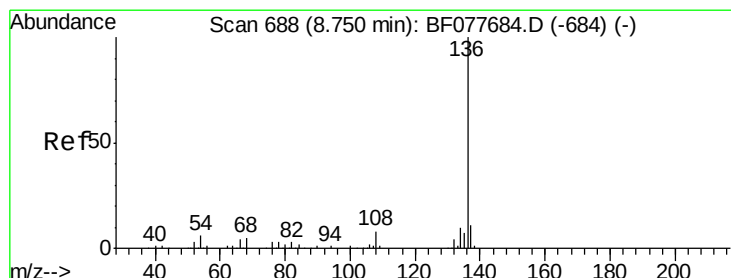
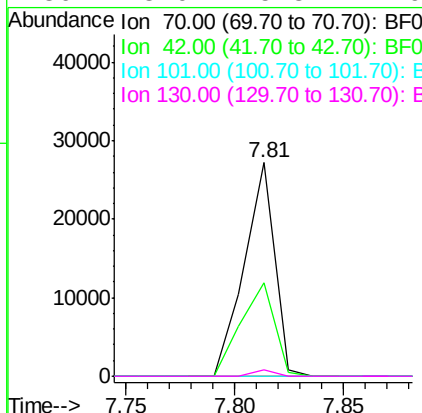
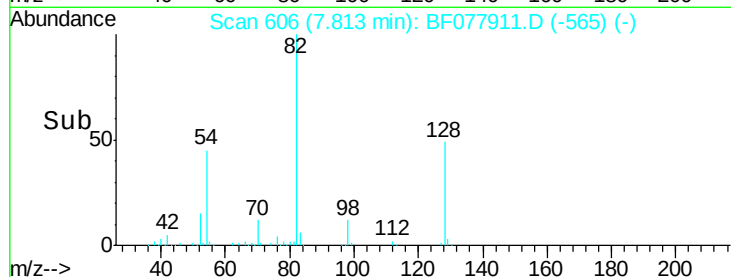
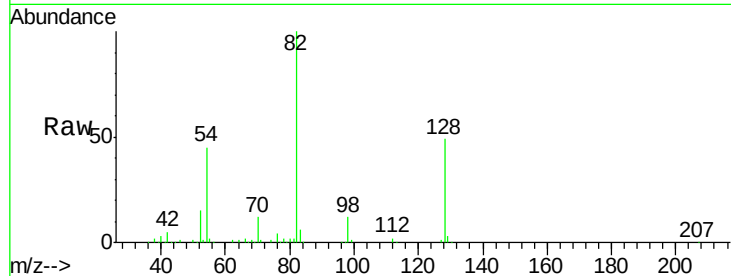




#19
n-Nitroso-di-n-propylamine
Concen: 12.57 ng
RT: 7.81 min Scan# 606
Delta R.T. 0.17 min
Lab File: BF077911.D
Acq: 24 Mar 2015 13:44

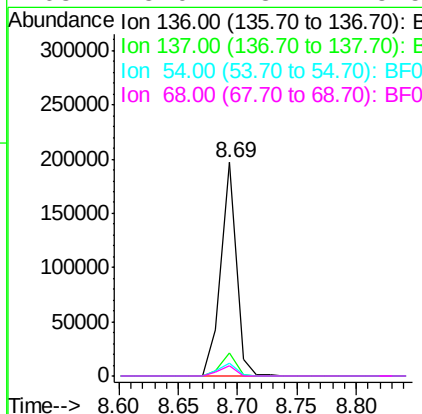
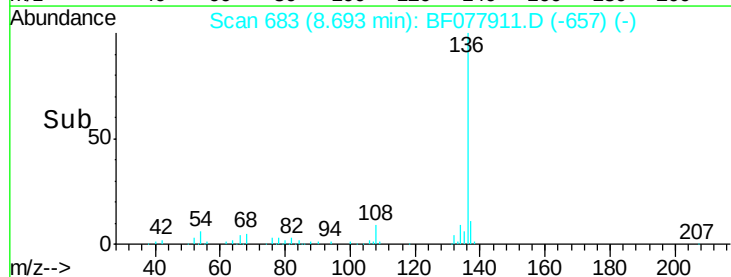
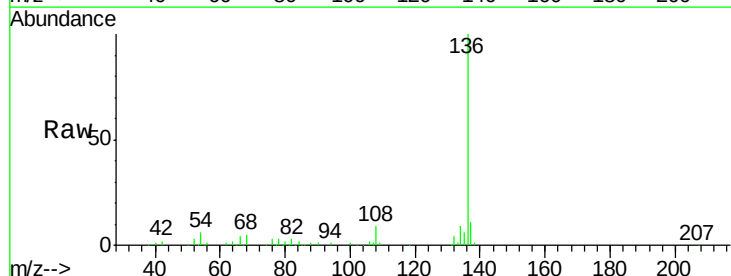
Instrument :
BNA_F
ClientSampleId :
PB82277BL

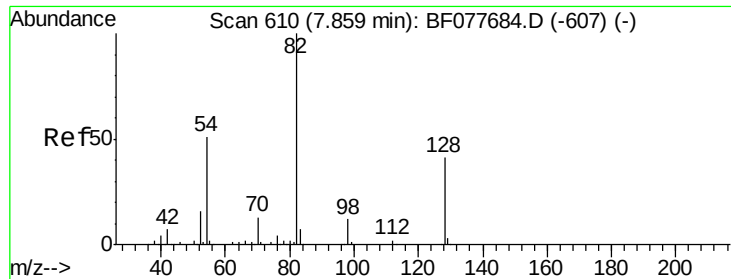
Tgt Ion: 70 Resp: 26475
Ion Ratio Lower Upper
70 100
42 43.6 44.5 66.7#
101 0.0 7.4 11.2#
130 3.0 15.3 22.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.69 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF077911.D
Acq: 24 Mar 2015 13:44

Tgt Ion: 136 Resp: 177151
Ion Ratio Lower Upper
136 100
137 10.5 8.7 13.1
54 6.1 4.6 6.8
68 5.0 3.7 5.5

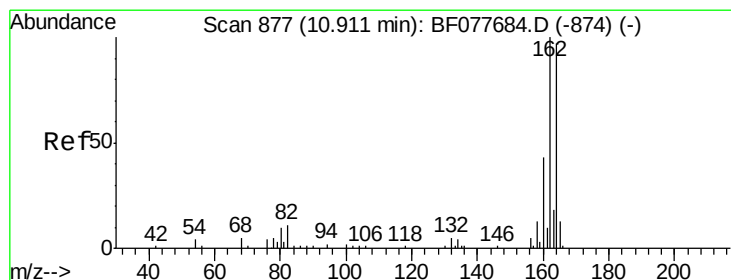
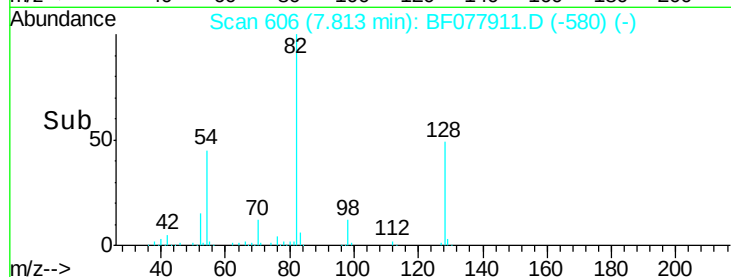
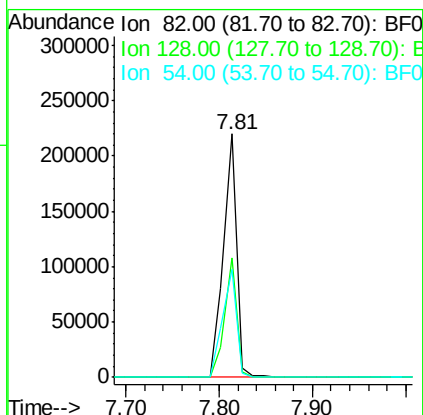
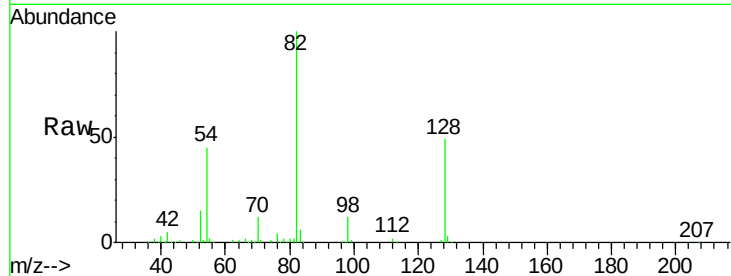




#23
 Nitrobenzene-d5
 Concen: 79.96 ng
 RT: 7.81 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: BF077911.D
 Acq: 24 Mar 2015 13:44

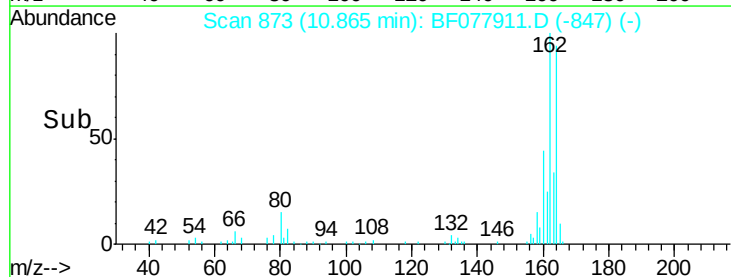
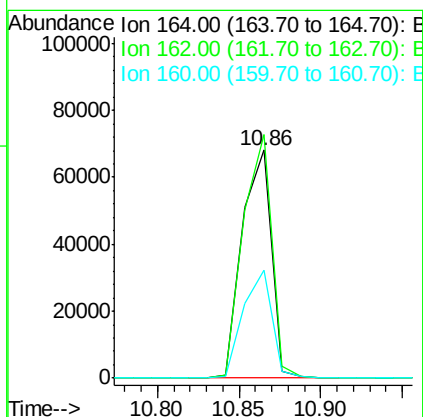
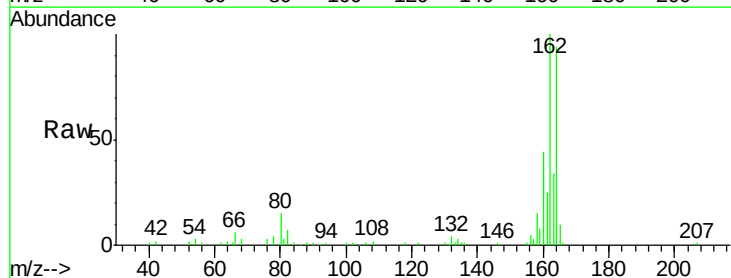
Instrument :
 BNA_F
 ClientSampleId :
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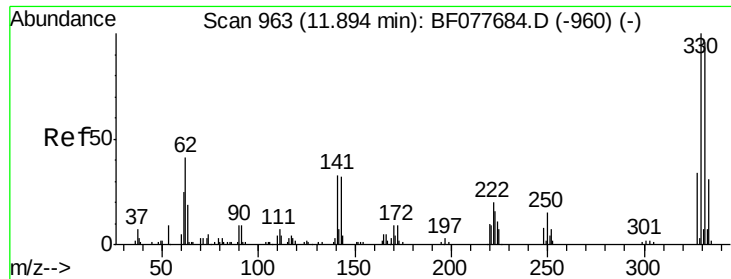
Tgt Ion	Ratio	Lower	Upper
82	100		
128	49.0	32.8	49.2
54	44.6	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.86 min Scan# 873
 Delta R.T. -0.00 min
 Lab File: BF077911.D
 Acq: 24 Mar 2015 13:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.9	82.4	123.6
160	47.4	35.8	53.6

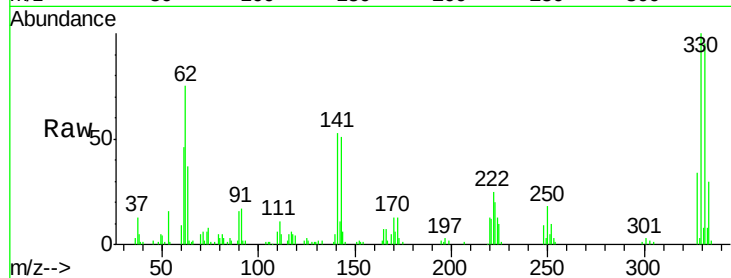




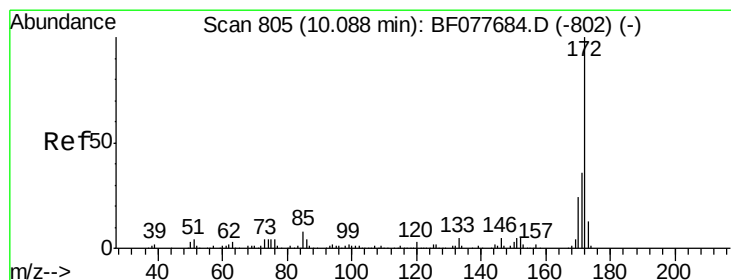
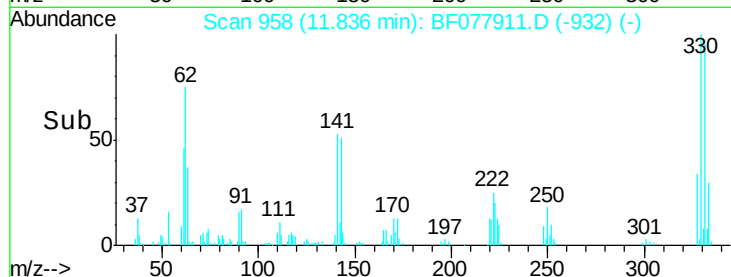
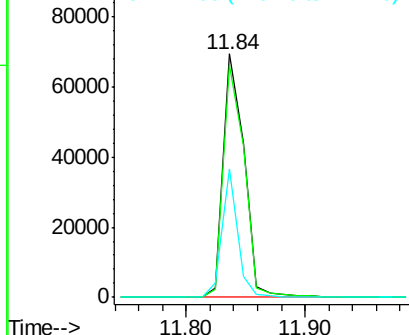
#41
 2,4,6-Tribromophenol
 Concen: 103.74 ng
 RT: 11.84 min Scan# 958
 Delta R.T. -0.00 min
 Lab File: BF077911.D
 Acq: 24 Mar 2015 13:44

Instrument :
 BNA_F
 ClientSampleId :
 PB82277BL

Tgt Ion:330 Resp: 83395
 Ion Ratio Lower Upper
 330 100
 332 96.4 0.0 0.0#
 141 39.7 0.0 0.0#

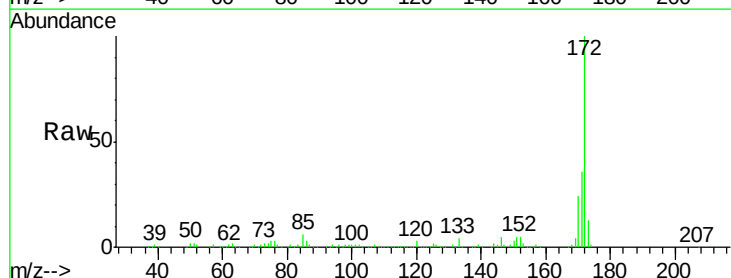


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

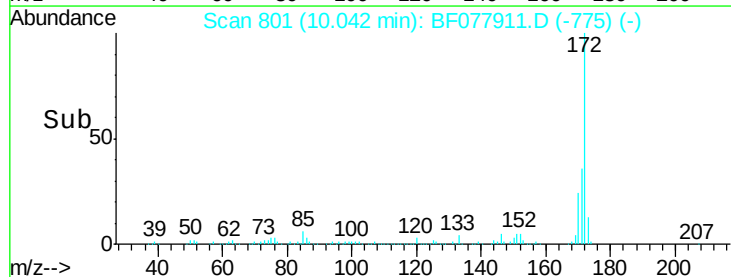
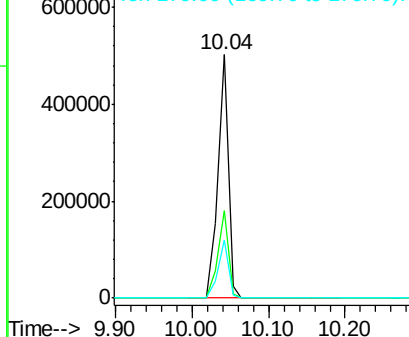


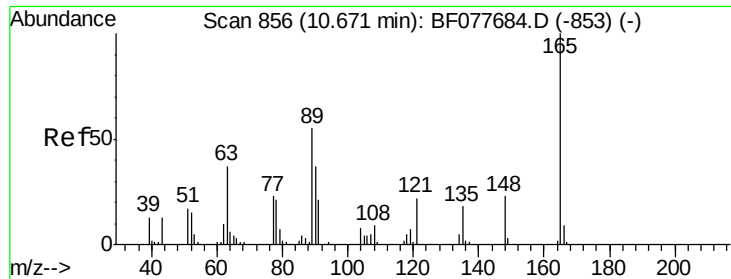
#44
 2-Fluorobiphenyl
 Concen: 82.59 ng
 RT: 10.04 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BF077911.D
 Acq: 24 Mar 2015 13:44

Tgt Ion:172 Resp: 472139
 Ion Ratio Lower Upper
 172 100
 171 35.8 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

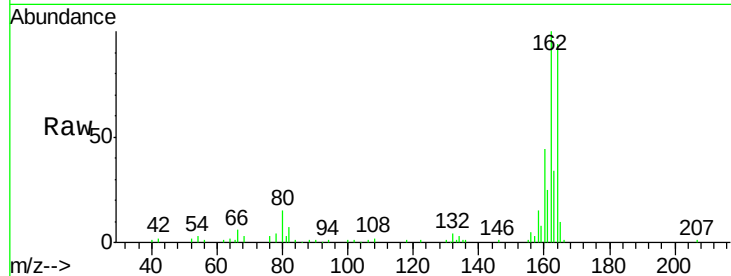




#50
 2,6-Dinitrotoluene
 Concen: 7.82 ng
 RT: 10.86 min Scan# 873
 Delta R.T. 0.24 min
 Lab File: BF077911.D
 Acq: 24 Mar 2015 13:44

Instrument :
 BNA_F
 ClientSampleID :
 PB82277BL

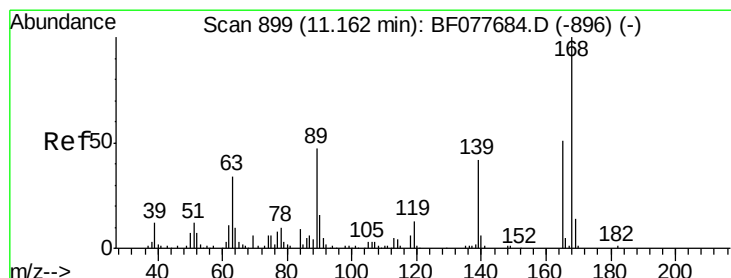
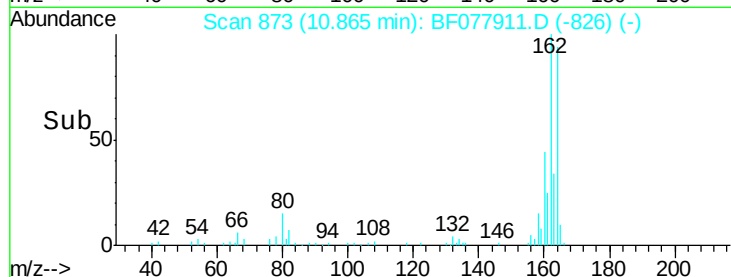
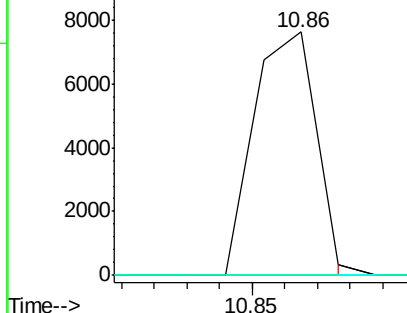
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.1	66.1#
89	0.0	44.3	66.5#



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: 6.00 ng
 RT: 10.86 min Scan# 873
 Delta R.T. -0.25 min
 Lab File: BF077911.D
 Acq: 24 Mar 2015 13:44

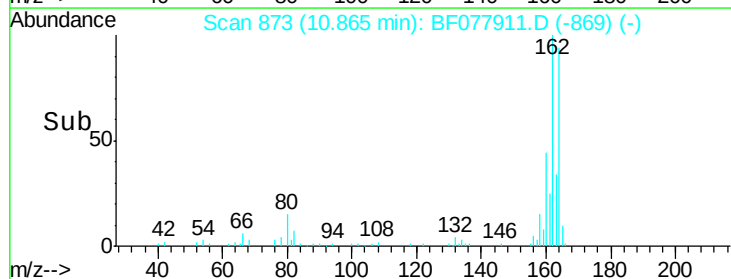
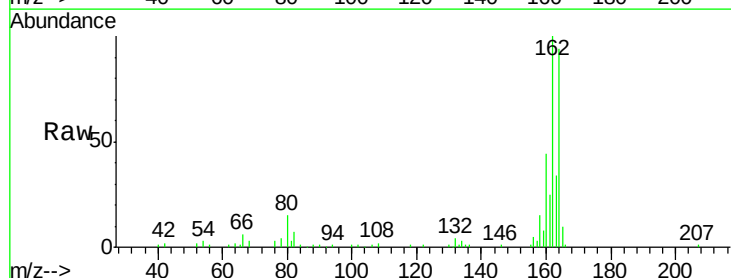
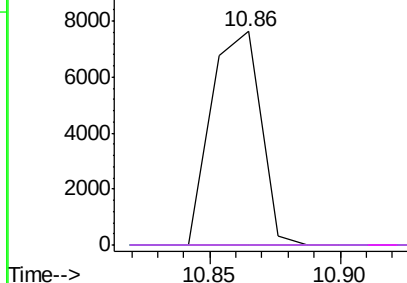
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.4	78.6#
89	0.0	72.4	108.6#
182	0.0	2.0	3.0#

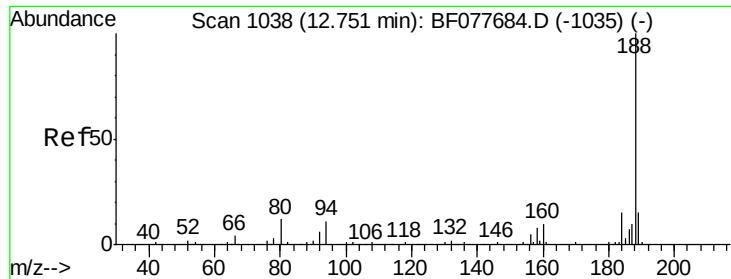
Abundance Ion 165.00 (164.70 to 165.70): E

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

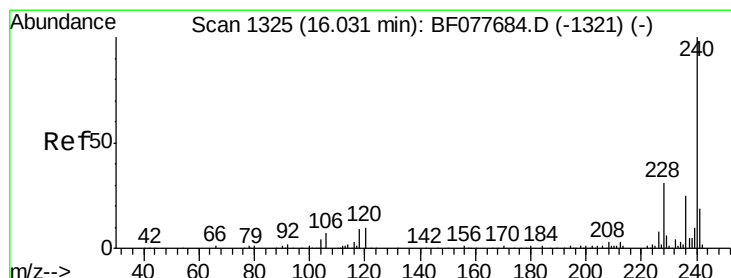
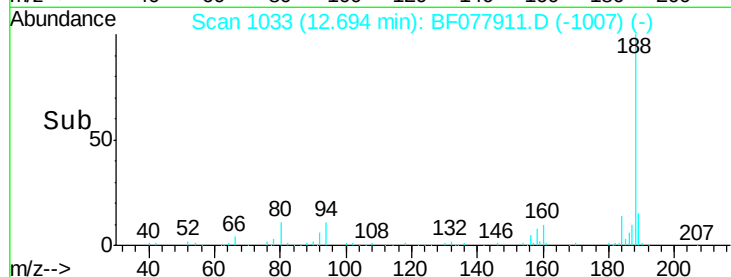
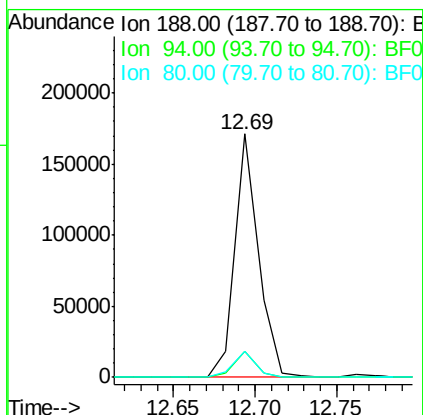
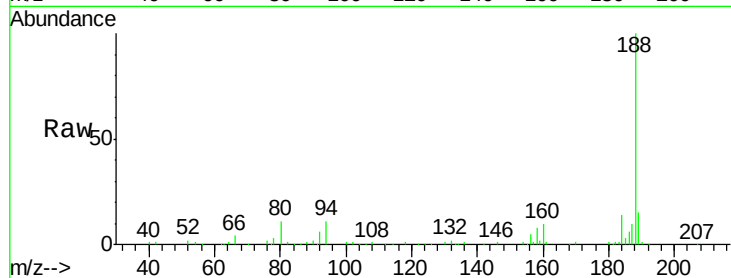




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.69 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF077911.D
Acq: 24 Mar 2015 13:44

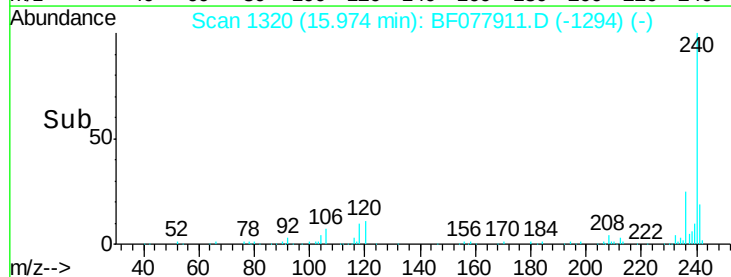
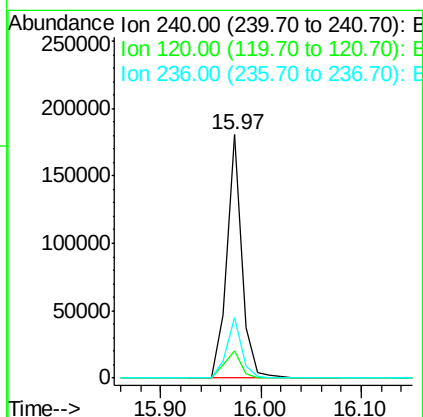
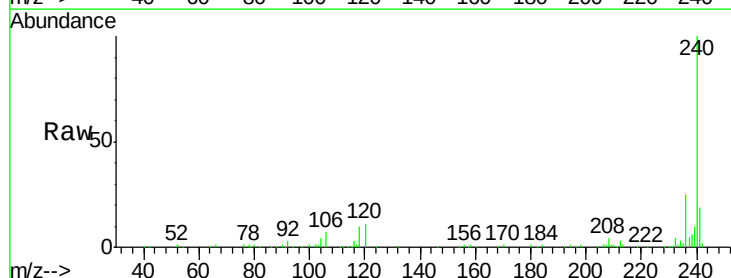
Instrument :
BNA_F
ClientSampleId :
PB82277BL

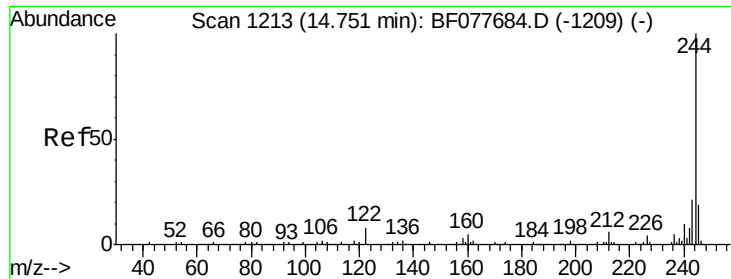
Tgt Ion:188 Resp: 170859
Ion Ratio Lower Upper
188 100
94 10.6 8.7 13.1
80 10.8 9.3 13.9



#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.97 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BF077911.D
Acq: 24 Mar 2015 13:44

Tgt Ion:240 Resp: 187098
Ion Ratio Lower Upper
240 100
120 11.1 8.2 12.2
236 25.0 20.0 30.0

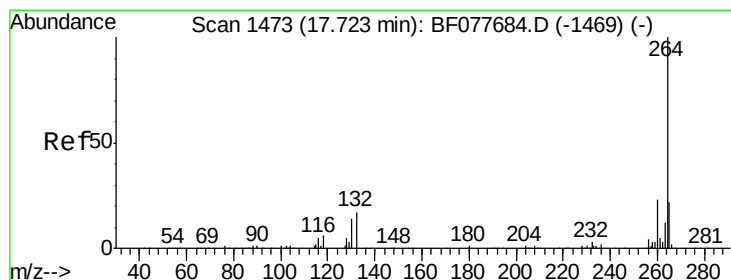
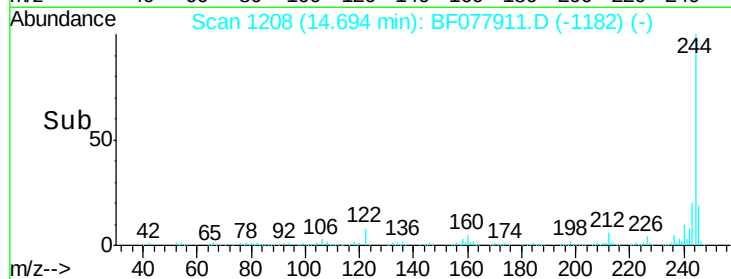
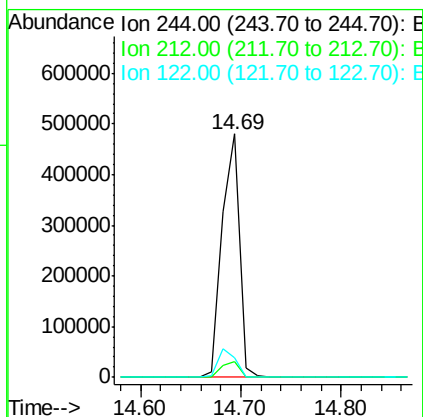
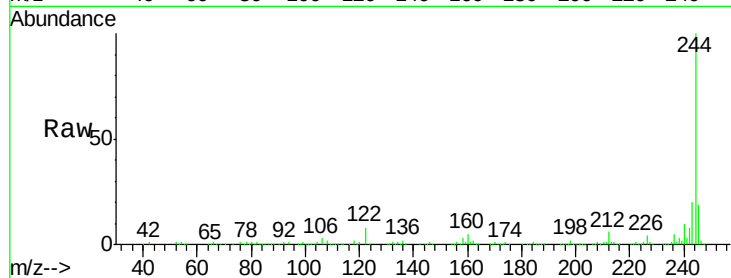




#78
 Terphenyl-d14
 Concen: 75.32 ng
 RT: 14.69 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BF077911.D
 Acq: 24 Mar 2015 13:44

Instrument :
 BNA_F
 ClientSampleId :
 PB82277BL

Tgt Ion: 244 Resp: 576915
 Ion Ratio Lower Upper
 244 100
 212 6.2 4.9 7.3
 122 8.2 6.2 9.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.72 min Scan# 1473
 Delta R.T. 0.02 min
 Lab File: BF077911.D
 Acq: 24 Mar 2015 13:44

Tgt Ion: 264 Resp: 180856
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.6 27.8
 265 21.7 17.3 25.9

