

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031915\
 Data File : BF077840.D
 Acq On : 19 Mar 2015 19:45
 Operator : TP/IZ
 Sample : G1573-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-11

Quant Time: Mar 20 00:16:42 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 00:59:44 2015
 Response via : Initial Calibration

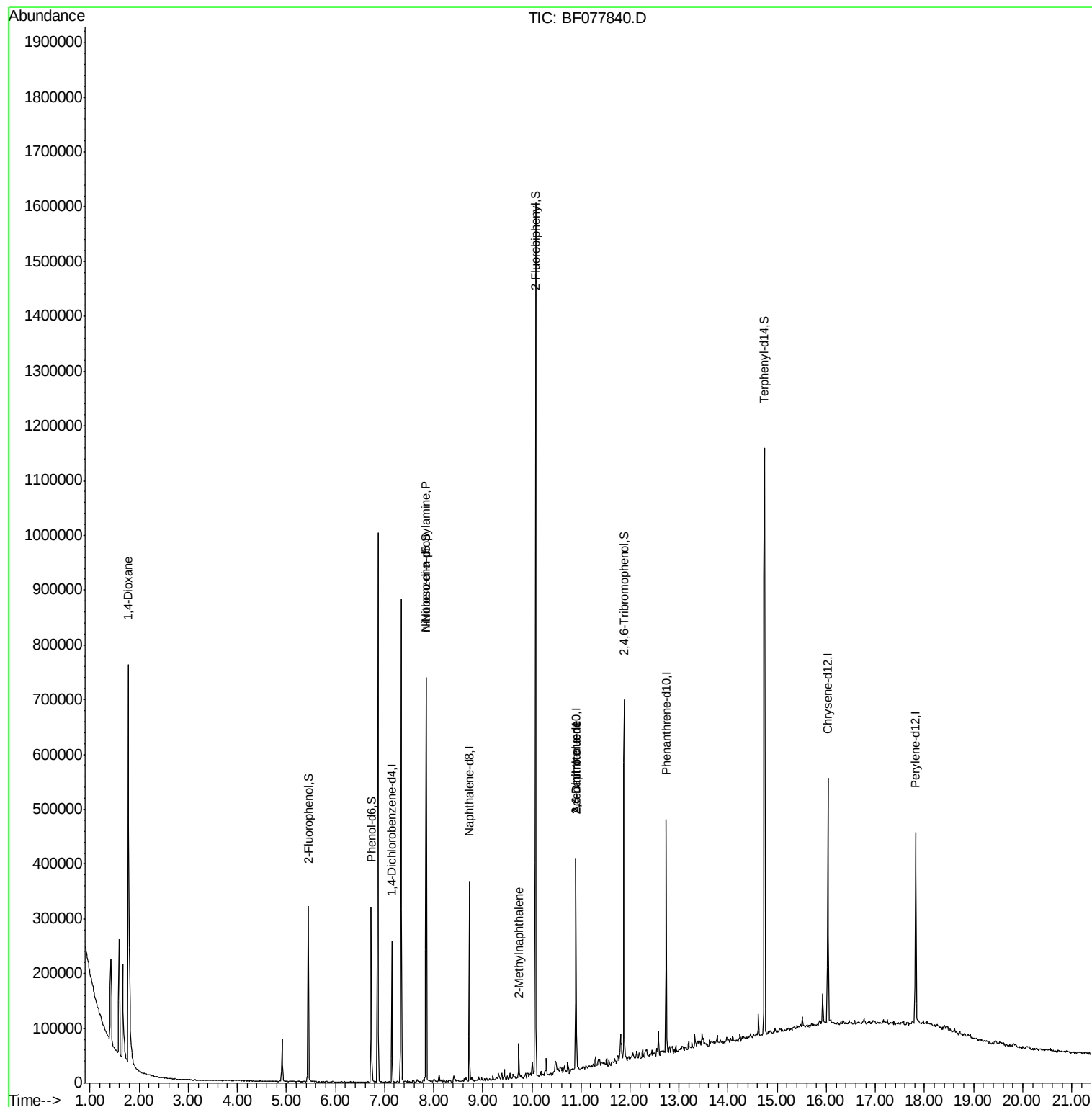
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.15	152	40780	20.00	ng	0.00
21) Naphthalene-d8	8.73	136	164430	20.00	ng	0.00
38) Acenaphthene-d10	10.90	164	82372	20.00	ng	0.00
63) Phenanthrene-d10	12.74	188	167609	20.00	ng	0.00
75) Chrysene-d12	16.03	240	184211	20.00	ng	0.00
86) Perylene-d12	17.81	264	183252	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	149609	64.04	ng	0.01
7) Phenol-d6	6.73	99	120732	41.83	ng	0.00
23) Nitrobenzene-d5	7.85	82	243748	97.17	ng	0.00
41) 2,4,6-Tribromophenol	11.88	330	104881	133.08	ng	0.00
44) 2-Fluorobiphenyl	10.08	172	501800	89.53	ng	0.00
78) Terphenyl-d14	14.74	244	487159	64.60	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.78	88	29531	27.84	ng	# 100
19) n-Nitroso-di-n-propylamine	7.85	70	30878	15.46	ng	# 78
37) 2-Methylnaphthalene	9.73	142	15701	2.77	ng	# 96
50) 2,6-Dinitrotoluene	10.90	165	10761	8.50	ng	# 24
56) 2,4-Dinitrotoluene	10.90	165	8309	5.03	ng	# 11
76) Benzidine	14.45	184	208	Below Cal		# 1

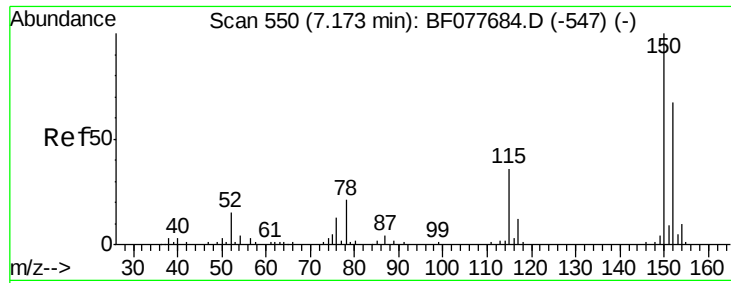
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 12 Sample Multiplier: 1

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
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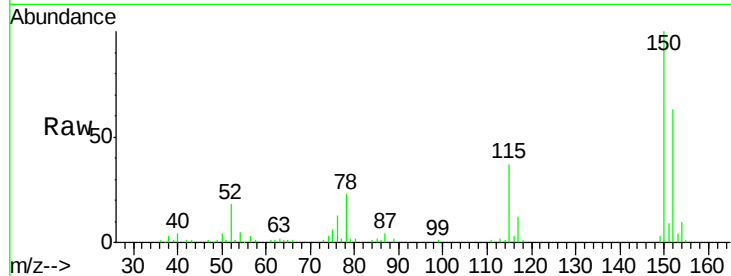




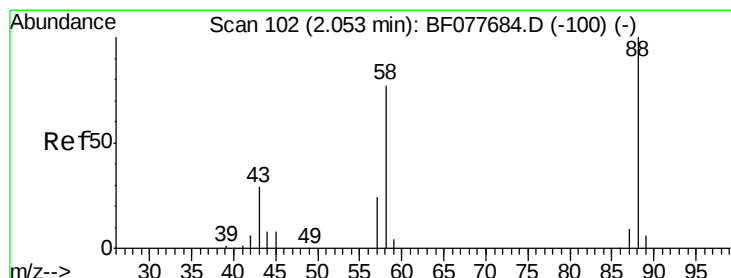
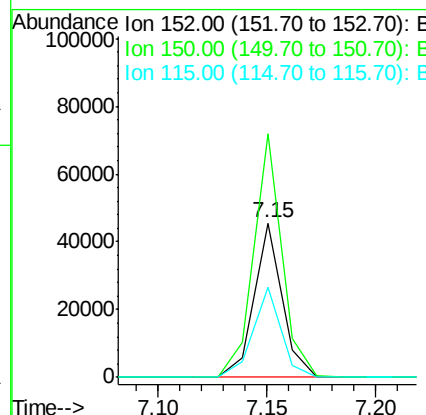
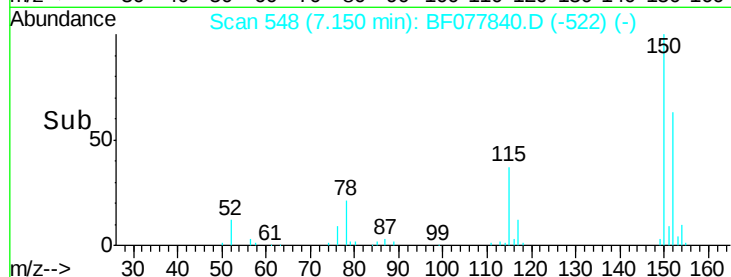
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.15 min Scan# 548
 Delta R.T. 0.00 min
 Lab File: BF077840.D
 Acq: 19 Mar 2015 19:45

Instrument :
 BNA_F
 ClientSampled :
 MW-11

Tgt Ion:152 Resp: 40780
 Ion Ratio Lower Upper
 152 100
 150 157.9 119.5 179.3
 115 58.4 43.0 64.4

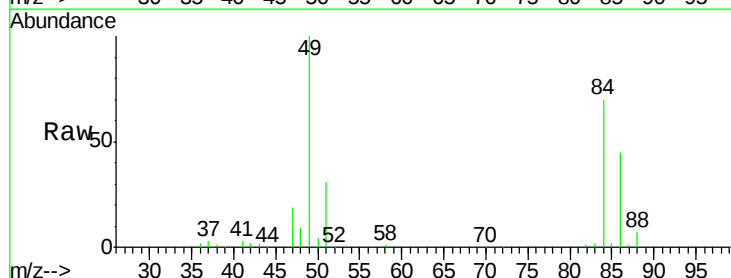


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

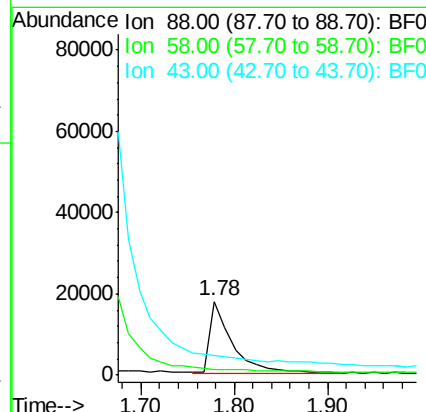
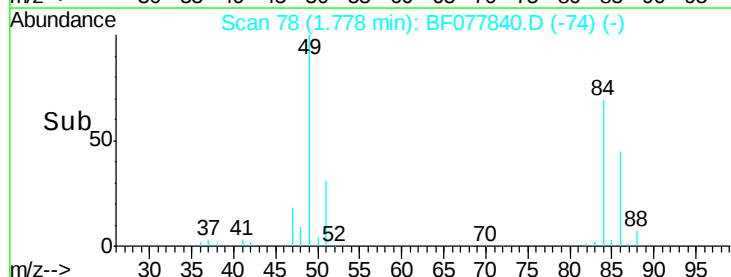


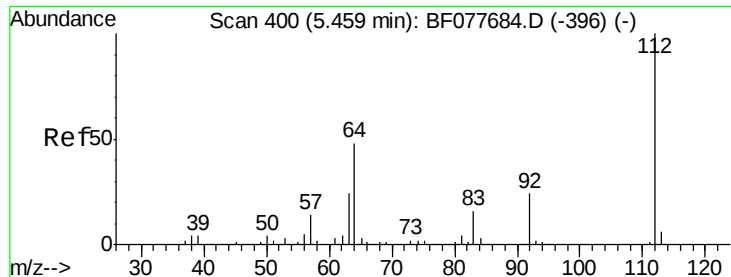
#2
 1,4-Dioxane
 Concen: 27.84 ng
 RT: 1.78 min Scan# 78
 Delta R.T. -0.25 min
 Lab File: BF077840.D
 Acq: 19 Mar 2015 19:45

Tgt Ion: 88 Resp: 29531
 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: 64.04 ng

RT: 5.45 min Scan# 399

Delta R.T. 0.01 min

Lab File: BF077840.D

Acq: 19 Mar 2015 19:45

Instrument :

BNA_F

ClientSampleId :

MW-11

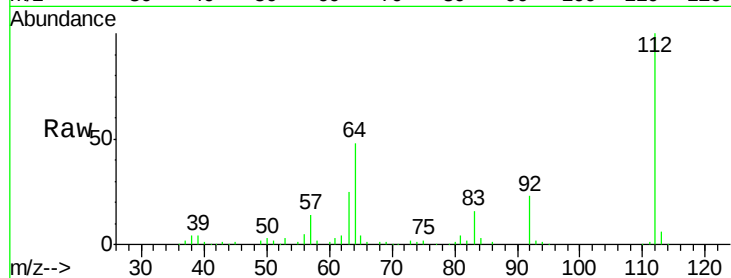
Tgt Ion: 112 Resp: 149609

Ion Ratio Lower Upper

112 100

64 48.1 38.6 57.8

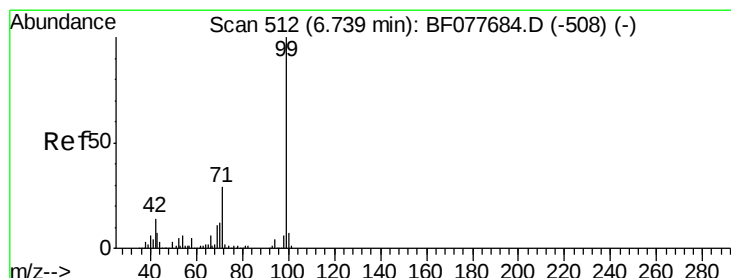
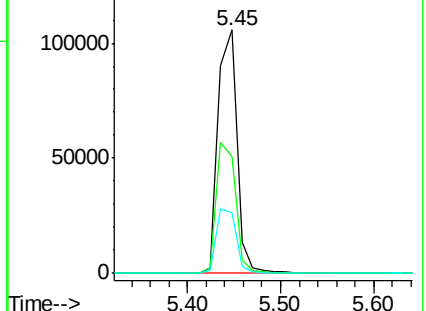
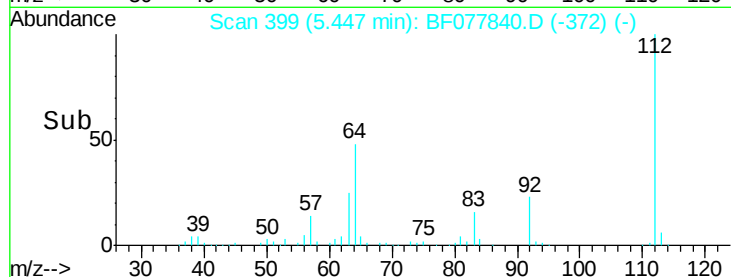
63 24.9 19.3 28.9



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: 41.83 ng

RT: 6.73 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF077840.D

Acq: 19 Mar 2015 19:45

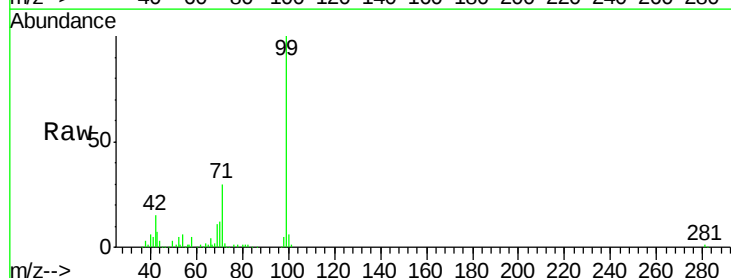
Tgt Ion: 99 Resp: 120732

Ion Ratio Lower Upper

99 100

42 14.6 11.0 16.4

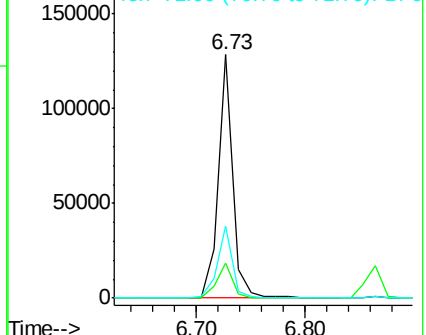
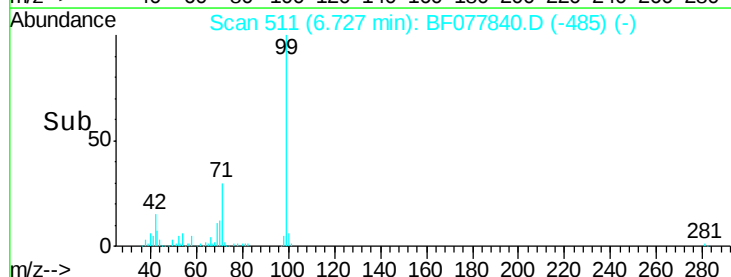
71 29.8 23.4 35.2

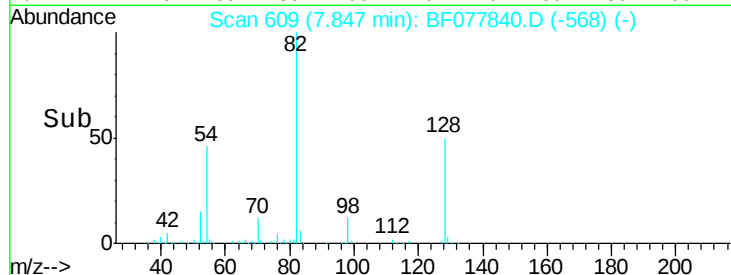
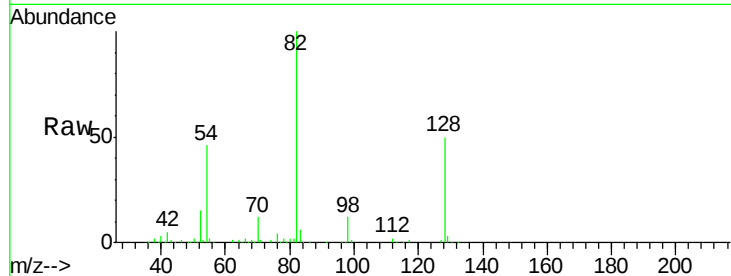
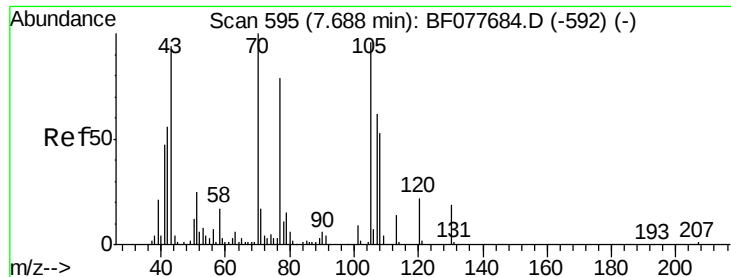


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

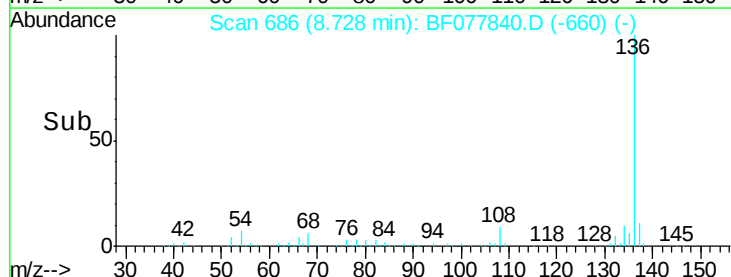
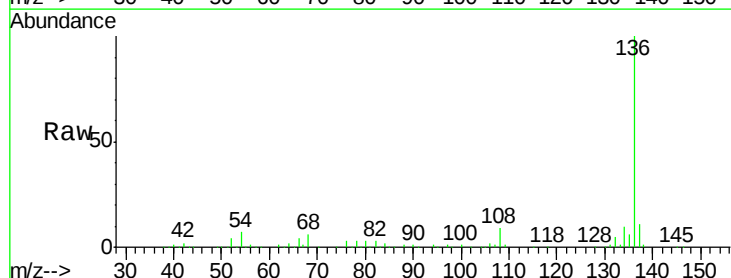
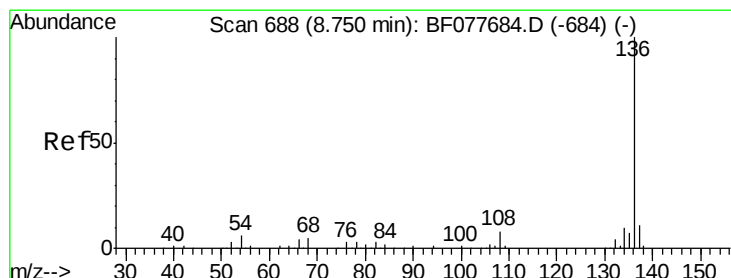
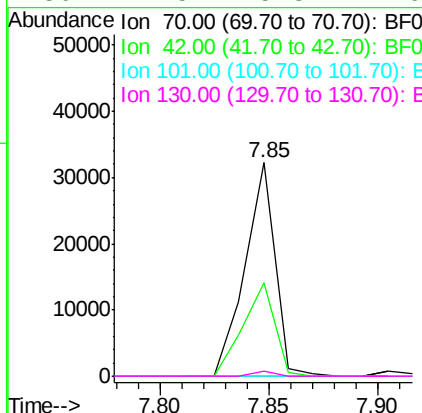




#19
n-Nitroso-di-n-propylamine
Concen: 15.46 ng
RT: 7.85 min Scan# 609
Delta R.T. 0.17 min
Lab File: BF077840.D
Acq: 19 Mar 2015 19:45

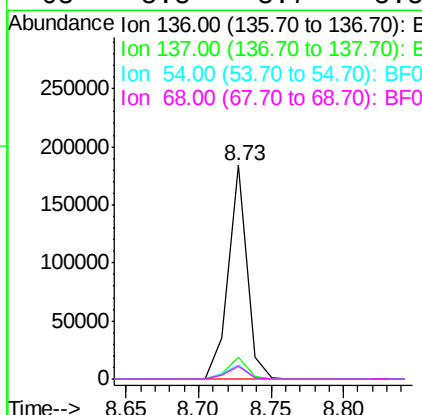
Instrument :
BNA_F
ClientSampleId :
MW-11

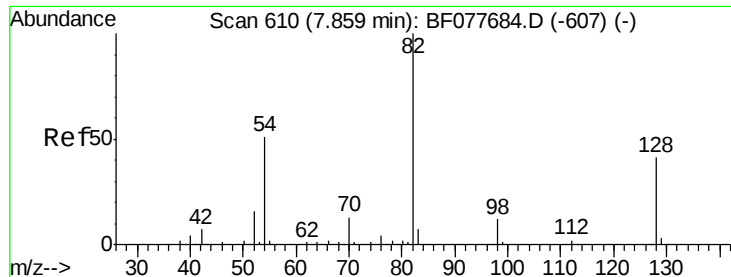
Tgt Ion: 70 Resp: 30878
Ion Ratio Lower Upper
70 100
42 43.8 44.5 66.7#
101 0.0 7.4 11.2#
130 2.5 15.3 22.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.73 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF077840.D
Acq: 19 Mar 2015 19:45

Tgt Ion: 136 Resp: 164430
Ion Ratio Lower Upper
136 100
137 10.5 8.7 13.1
54 6.7 4.6 6.8
68 5.8 3.7 5.5#

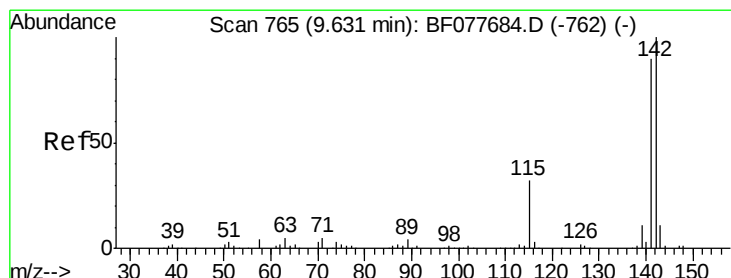
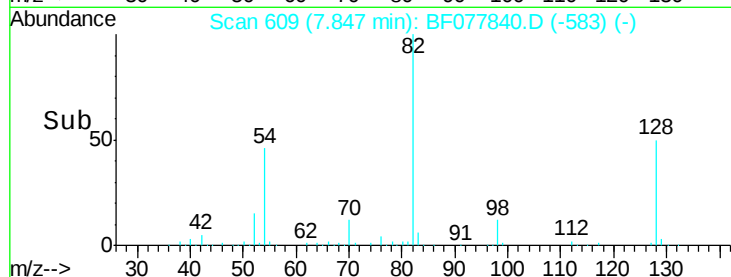
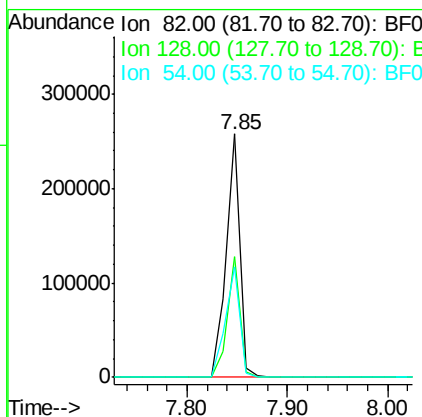
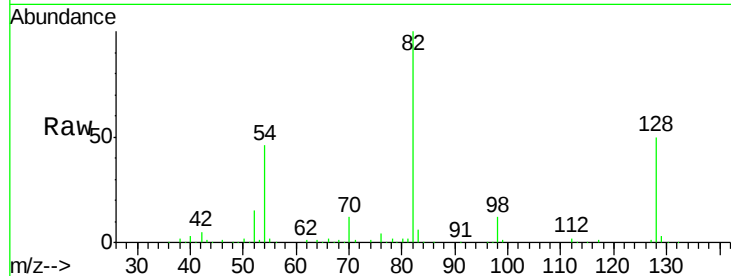




#23
 Nitrobenzene-d5
 Concen: 97.17 ng
 RT: 7.85 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF077840.D
 Acq: 19 Mar 2015 19:45

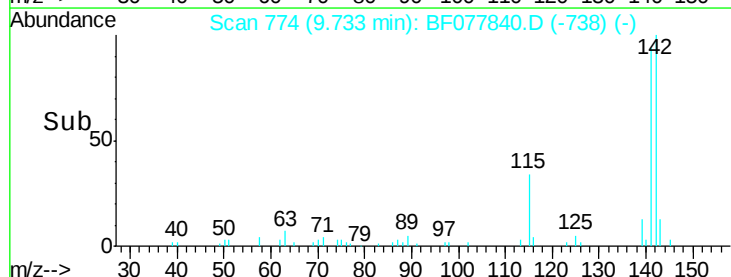
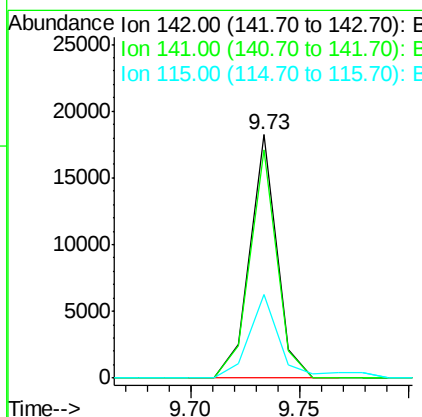
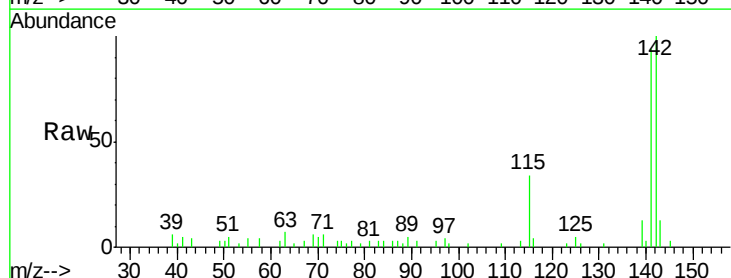
Instrument :
 BNA_F
 ClientSampleId :
 MW-11

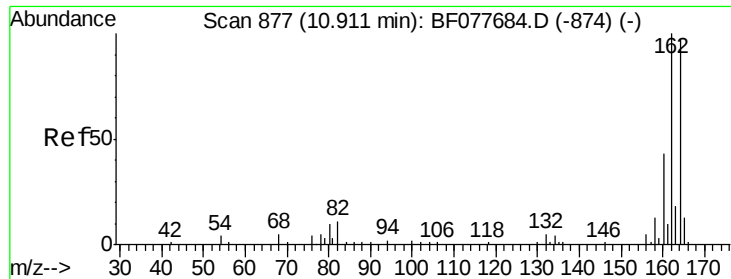
Tgt Ion	Ratio	Lower	Upper
82	100		
128	49.5	32.8	49.2#
54	45.6	40.6	60.8



#37
 2-Methylnaphthalene
 Concen: 2.77 ng
 RT: 9.73 min Scan# 774
 Delta R.T. 0.11 min
 Lab File: BF077840.D
 Acq: 19 Mar 2015 19:45

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.9	71.9	107.9
115	34.4	25.4	38.0

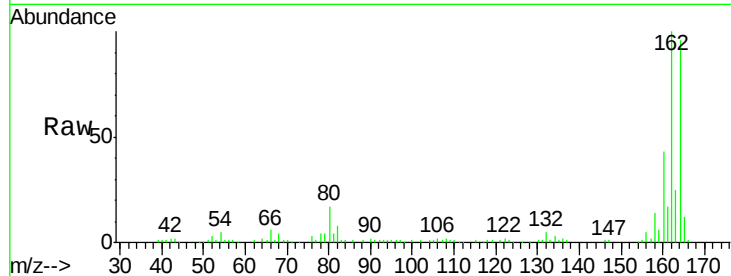




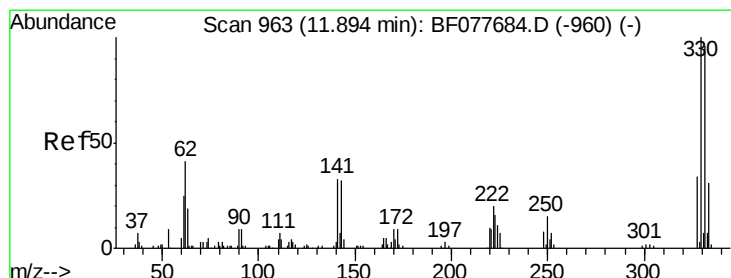
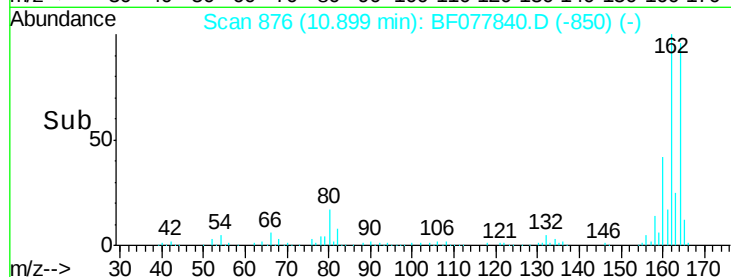
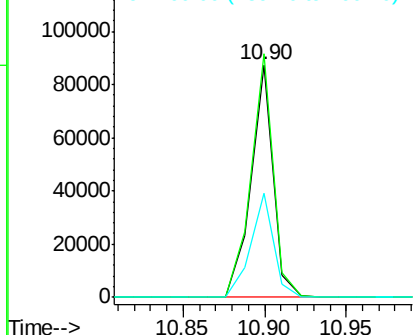
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.90 min Scan# 876
 Delta R.T. 0.00 min
 Lab File: BF077840.D
 Acq: 19 Mar 2015 19:45

Instrument :
 BNA_F
 ClientSampleId :
 MW-11

Tgt Ion:164 Resp: 82372
 Ion Ratio Lower Upper
 164 100
 162 104.6 82.4 123.6
 160 44.8 35.8 53.6

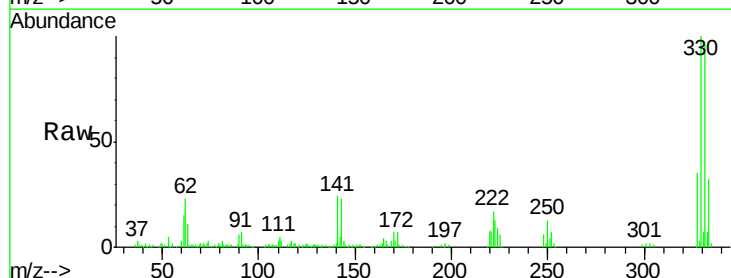


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

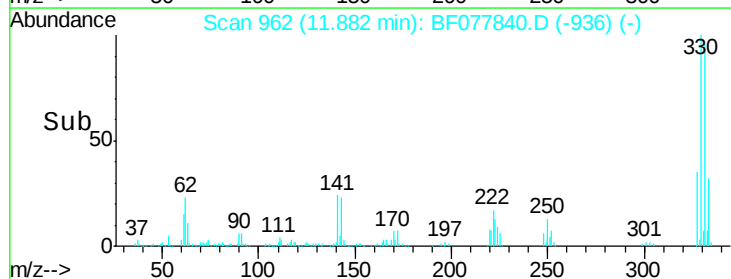
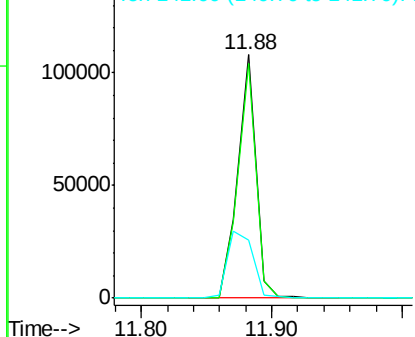


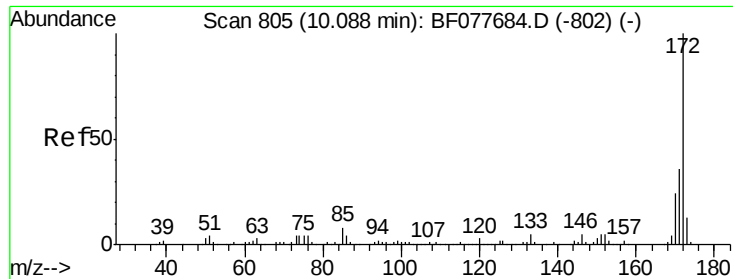
#41
 2,4,6-Tribromophenol
 Concen: 133.08 ng
 RT: 11.88 min Scan# 962
 Delta R.T. 0.00 min
 Lab File: BF077840.D
 Acq: 19 Mar 2015 19:45

Tgt Ion:330 Resp: 104881
 Ion Ratio Lower Upper
 330 100
 332 95.9 0.0 0.0#
 141 38.7 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

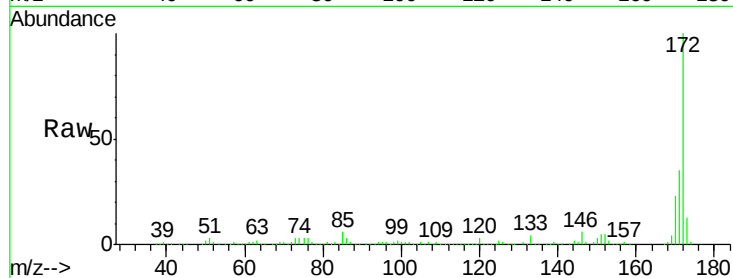




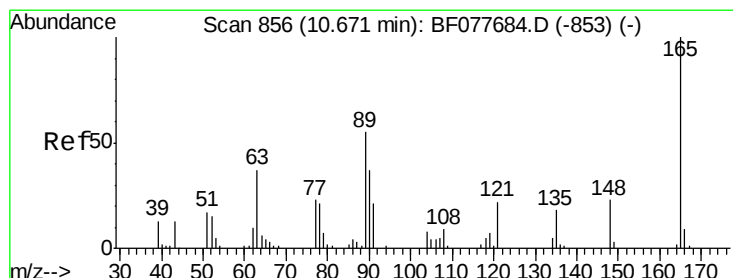
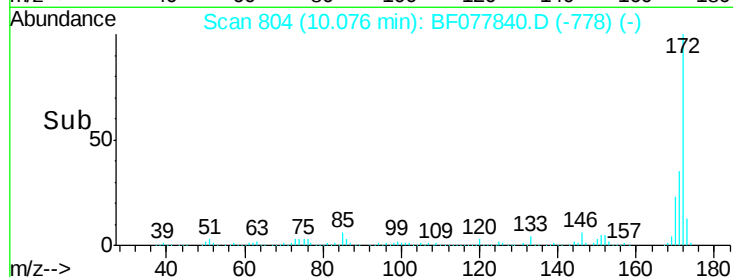
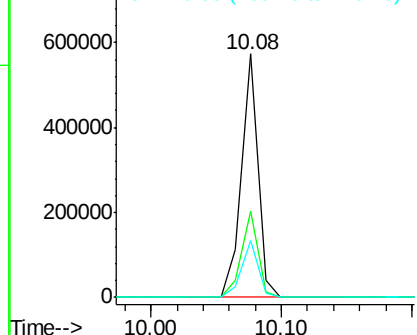
#44
 2-Fluorobiphenyl
 Concen: 89.53 ng
 RT: 10.08 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF077840.D
 Acq: 19 Mar 2015 19:45

Instrument :
 BNA_F
 ClientSampleId :
 MW-11

Tgt Ion:172 Resp: 501800
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.5 42.7
 170 23.5 18.8 28.2

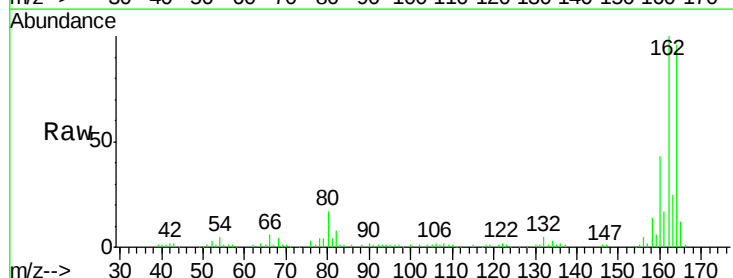


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

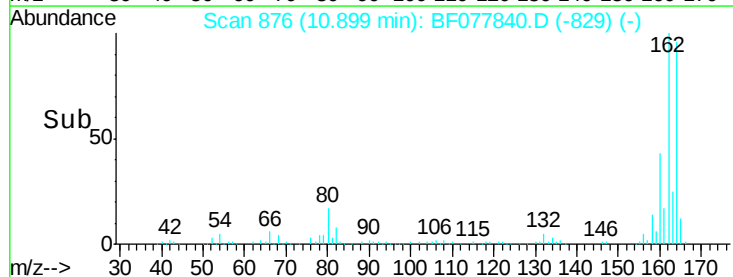
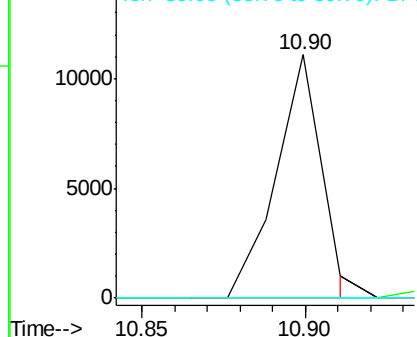


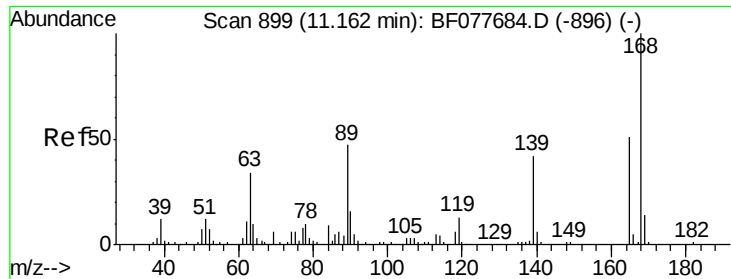
#50
 2,6-Dinitrotoluene
 Concen: 8.50 ng
 RT: 10.90 min Scan# 876
 Delta R.T. 0.24 min
 Lab File: BF077840.D
 Acq: 19 Mar 2015 19:45

Tgt Ion:165 Resp: 10761
 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

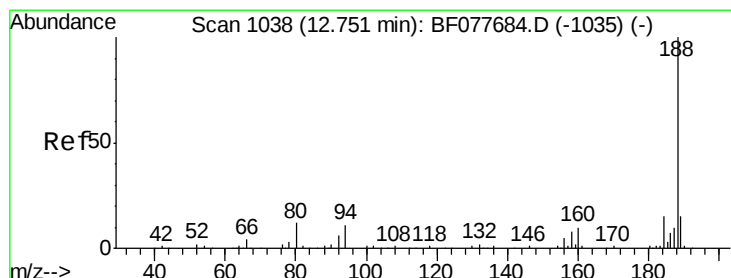
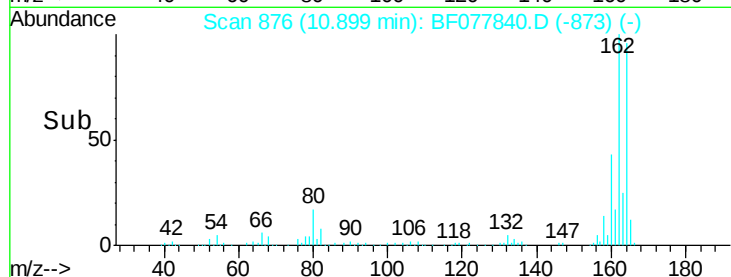
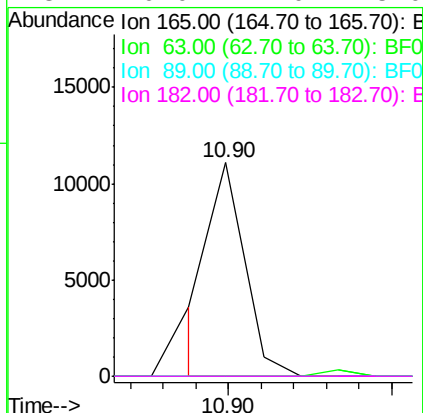
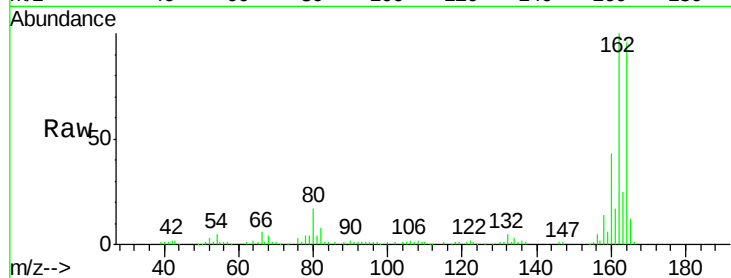




#56
 2,4-Dinitrotoluene
 Concen: 5.03 ng
 RT: 10.90 min Scan# 876
 Delta R.T. -0.26 min
 Lab File: BF077840.D
 Acq: 19 Mar 2015 19:45

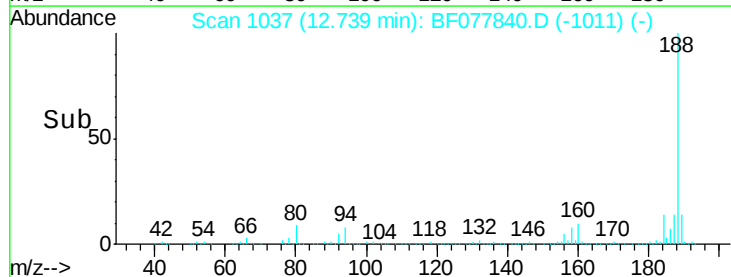
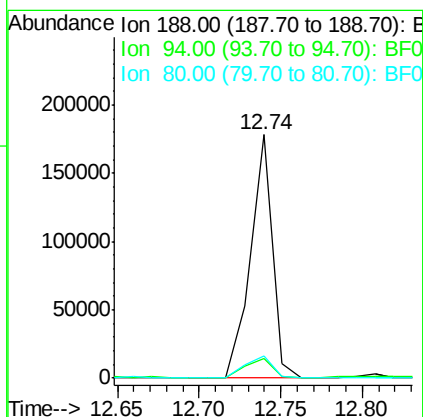
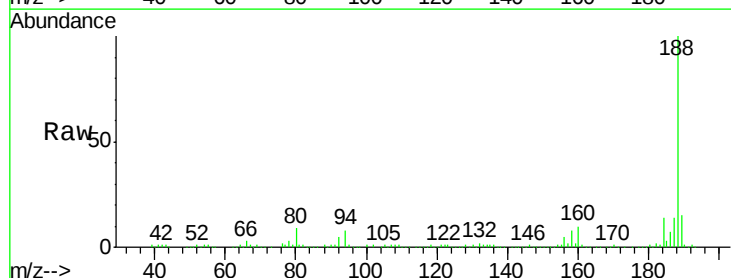
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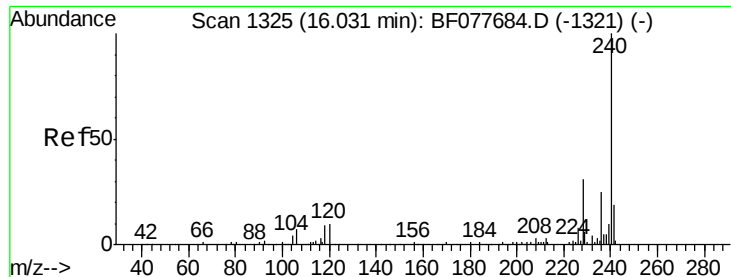
Tgt Ion:165 Resp: 8309
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.4 78.6#
 89 0.0 72.4 108.6#
 182 0.0 2.0 3.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.74 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: BF077840.D
 Acq: 19 Mar 2015 19:45

Tgt Ion:188 Resp: 167609
 Ion Ratio Lower Upper
 188 100
 94 8.0 8.7 13.1#
 80 8.9 9.3 13.9#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.03 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BF077840.D

Acq: 19 Mar 2015 19:45

Instrument :

BNA_F

ClientSampleId :

MW-11

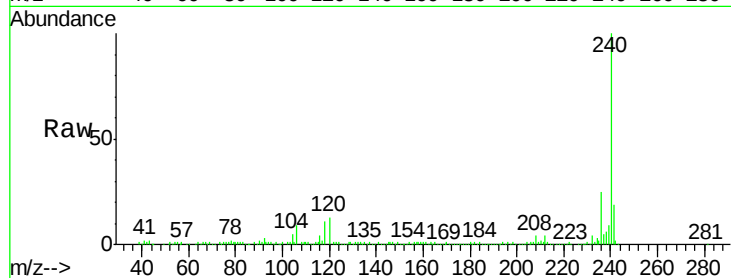
Tgt Ion:240 Resp: 184211

Ion Ratio Lower Upper

240 100

120 12.9 8.2 12.2#

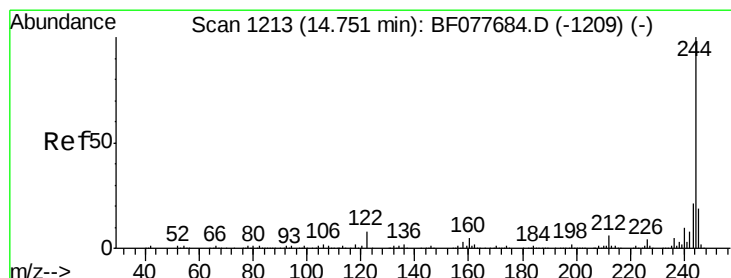
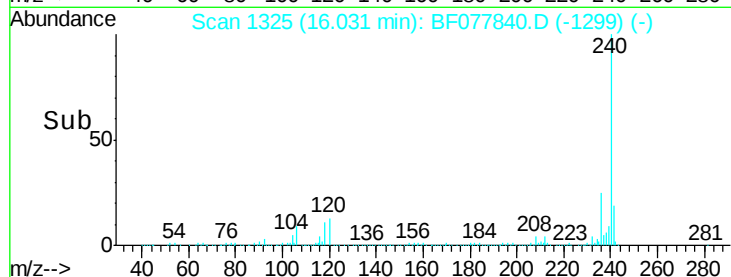
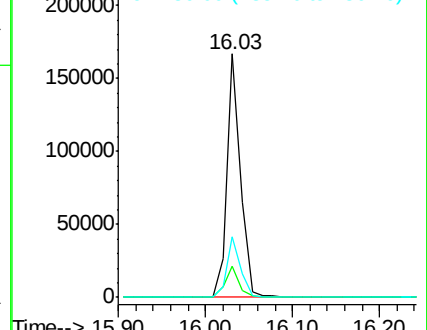
236 25.1 20.0 30.0



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: 64.60 ng

RT: 14.74 min Scan# 1212

Delta R.T. 0.00 min

Lab File: BF077840.D

Acq: 19 Mar 2015 19:45

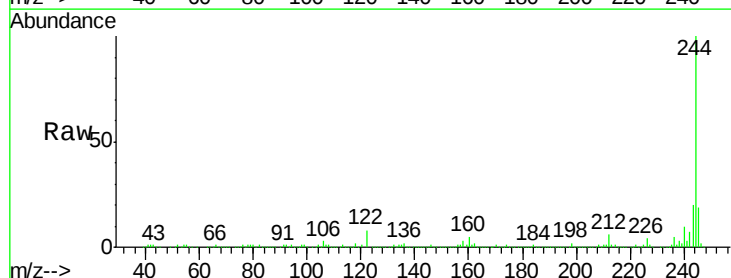
Tgt Ion:244 Resp: 487159

Ion Ratio Lower Upper

244 100

212 6.0 4.9 7.3

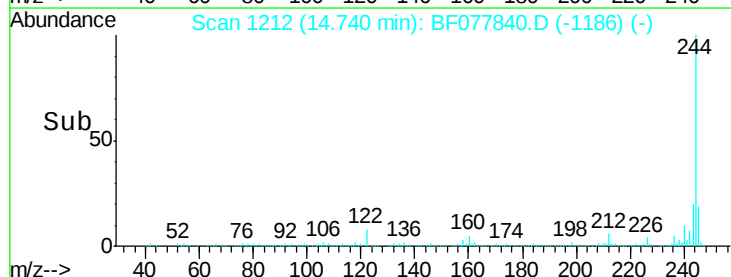
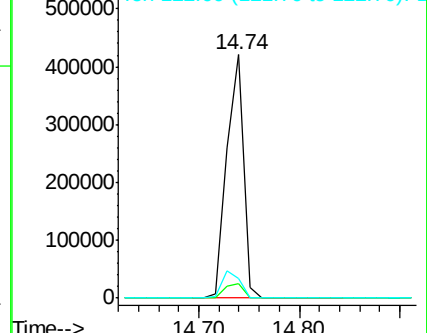
122 7.9 6.2 9.4

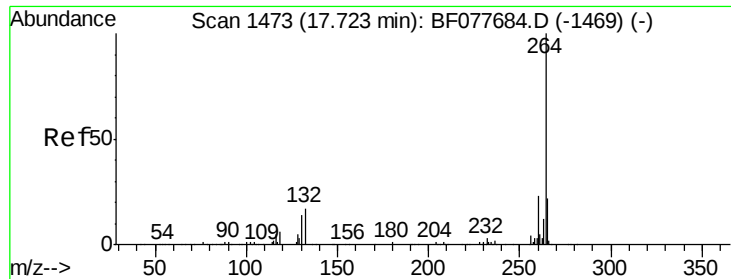


Abundance Ion 244.00 (243.70 to 244.70): E

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: 17.81 min Scan# 1481
 Delta R.T. 0.02 min
 Lab File: BF077840.D
 Acq: 19 Mar 2015 19:45

Instrument :
 BNA_F
 ClientSampleId :
 MW-11

Tgt Ion: 264 Resp: 183252
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.6 27.8
 265 22.5 17.3 25.9

