

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031915\
 Data File : BF077841.D
 Acq On : 19 Mar 2015 20:14
 Operator : TP/IZ
 Sample : G1573-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-12

Quant Time: Mar 20 00:16:58 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

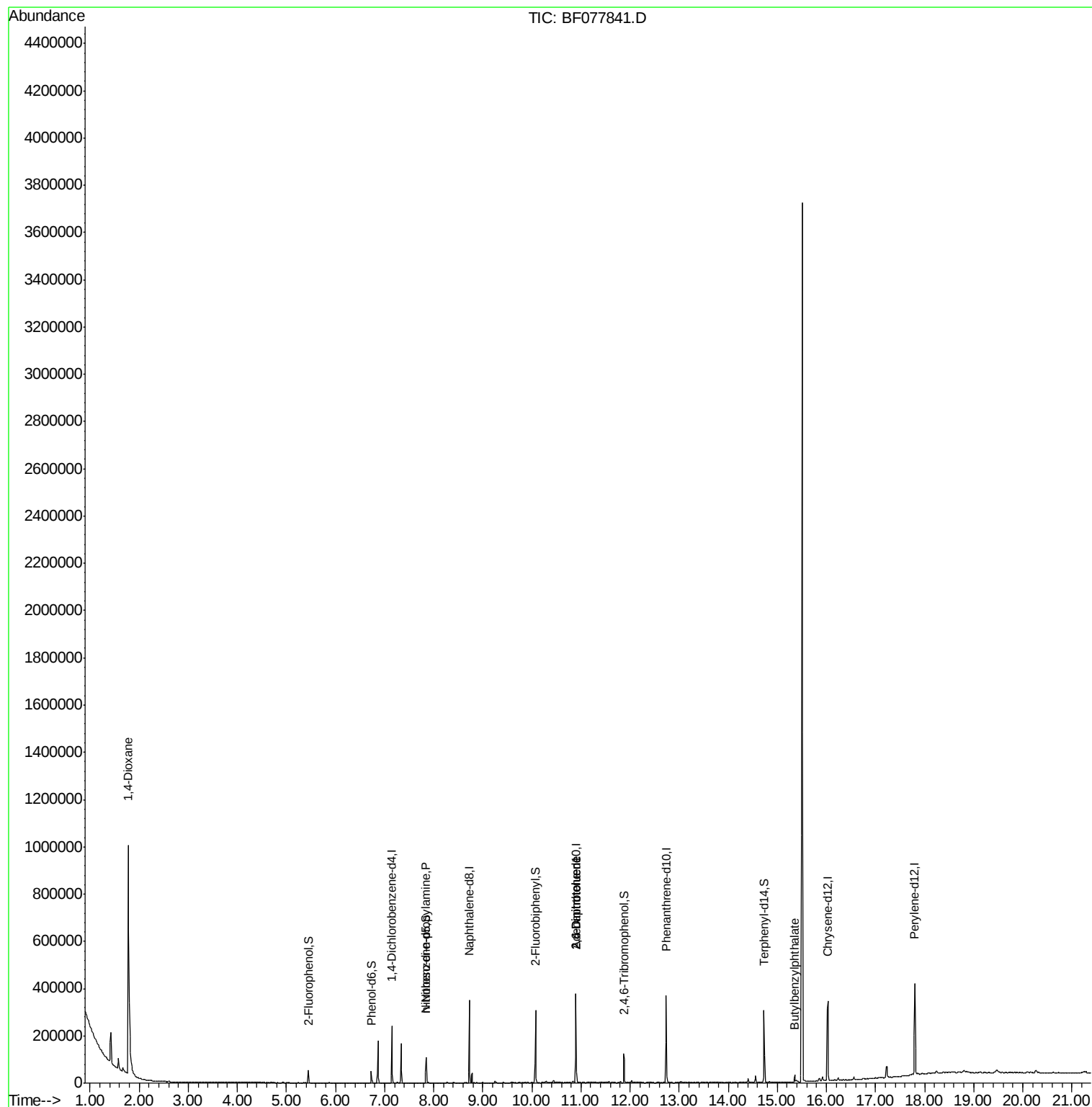
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.15	152	38099	20.00	ng	0.00
21) Naphthalene-d8	8.73	136	152226	20.00	ng	0.00
38) Acenaphthene-d10	10.90	164	79858	20.00	ng	0.00
63) Phenanthrene-d10	12.74	188	160455	20.00	ng	0.00
75) Chrysene-d12	16.03	240	178934	20.00	ng	0.00
86) Perylene-d12	17.80	264	178810	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	25951	11.89	ng	0.01
7) Phenol-d6	6.73	99	20156	7.47	ng	0.00
23) Nitrobenzene-d5	7.85	82	40393	17.39	ng	0.00
41) 2,4,6-Tribromophenol	11.88	330	19818	25.94	ng	0.00
44) 2-Fluorobiphenyl	10.08	172	100132	18.43	ng	0.00
78) Terphenyl-d14	14.73	244	110217	15.05	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	1.78	88	39549	39.91	ng	# 100
19) n-Nitroso-di-n-propylamine	7.85	70	5150	2.76	ng	# 71
50) 2,6-Dinitrotoluene	10.90	165	10138	8.26	ng	# 24
56) 2,4-Dinitrotoluene	10.90	165	8132	5.08	ng	# 11
76) Benzidine	14.28	184	648	Below Cal		# 68
79) Butylbenzylphthalate	15.36	149	9183	2.07	ng	95

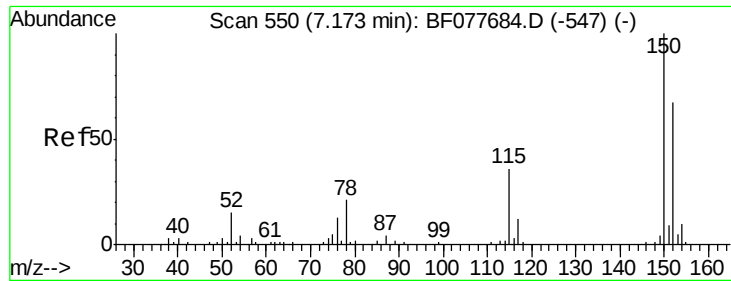
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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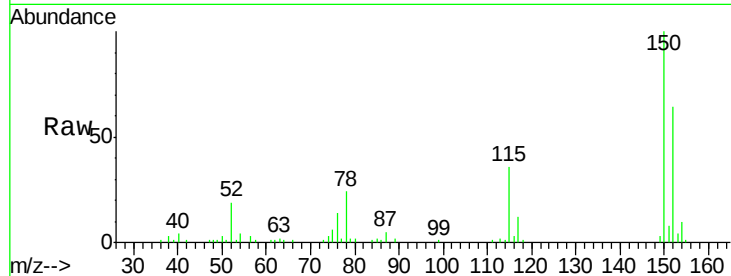




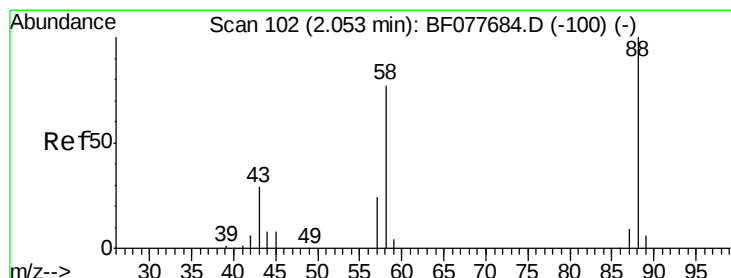
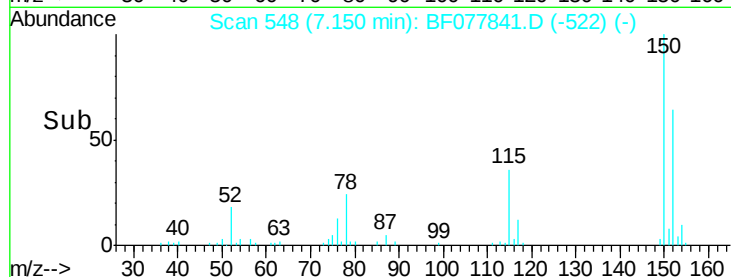
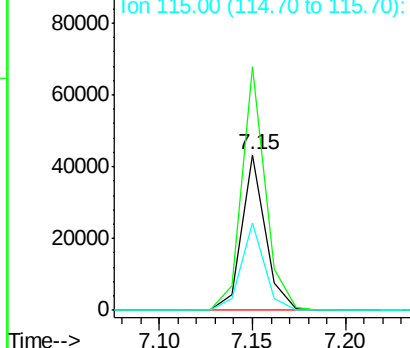
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.15 min Scan# 548
 Delta R.T. 0.00 min
 Lab File: BF077841.D
 Acq: 19 Mar 2015 20:14

Instrument :
 BNA_F
 ClientSampleId :
 MW-12

Tgt Ion:152 Resp: 38099
 Ion Ratio Lower Upper
 152 100
 150 156.7 119.5 179.3
 115 56.6 43.0 64.4

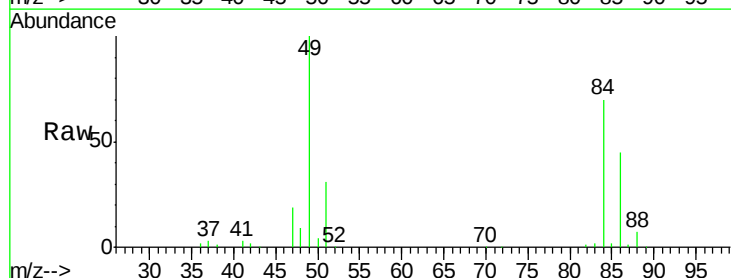


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

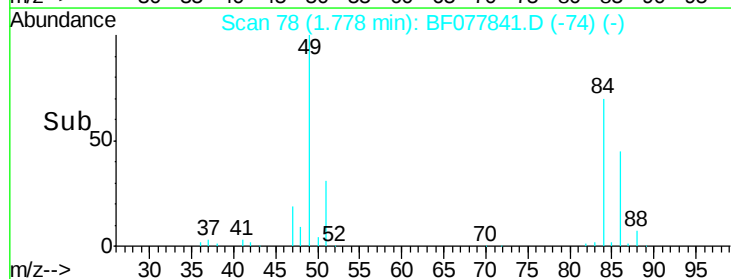
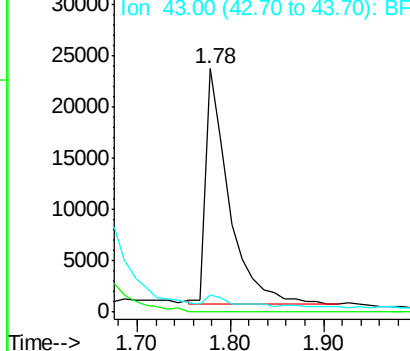


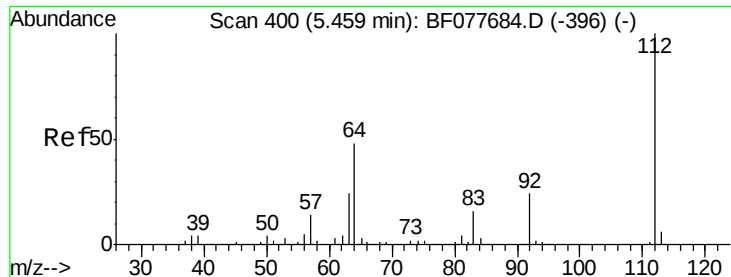
#2
 1,4-Dioxane
 Concen: 39.91 ng
 RT: 1.78 min Scan# 78
 Delta R.T. -0.25 min
 Lab File: BF077841.D
 Acq: 19 Mar 2015 20:14

Tgt Ion: 88 Resp: 39549
 Ion Ratio Lower Upper
 88 100
 58 0.0 0.0 0.0
 43 7.6 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: 11.89 ng

RT: 5.45 min Scan# 399

Delta R.T. 0.01 min

Lab File: BF077841.D

Acq: 19 Mar 2015 20:14

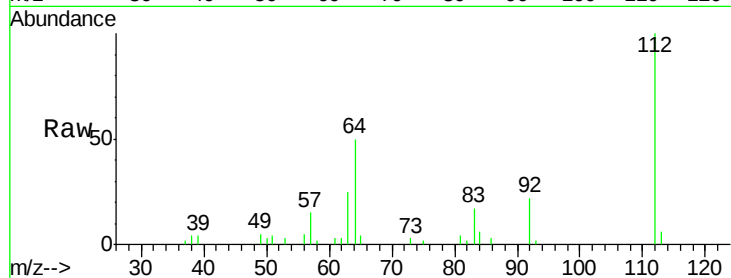
Instrument :

BNA_F

ClientSampleId :

MW-12

Tgt Ion:	112	Resp:	25951
Ion	Ratio	Lower	Upper
112	100		
64	50.1	38.6	57.8
63	25.0	19.3	28.9

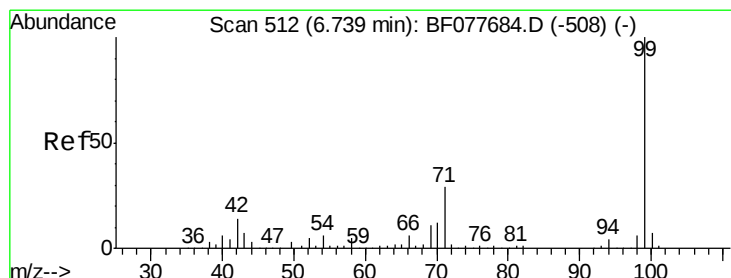
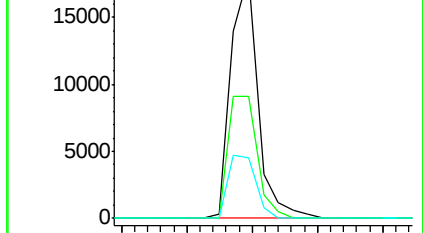
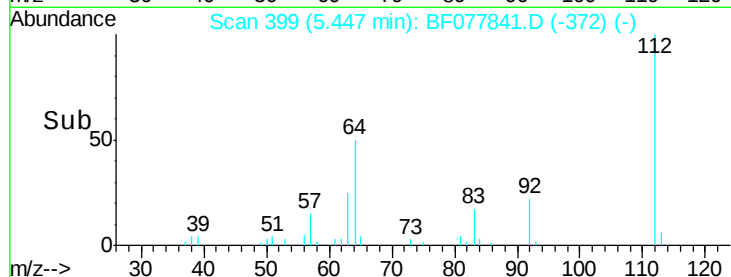


Abundance Ion 112.00 (111.70 to 112.70): BF077684.D (-396) (-)

Ion 64.00 (63.70 to 64.70): BF077684.D (-396) (-)

Ion 63.00 (62.70 to 63.70): BF077684.D (-396) (-)

Time-->



#7

Phenol-d6

Concen: 7.47 ng

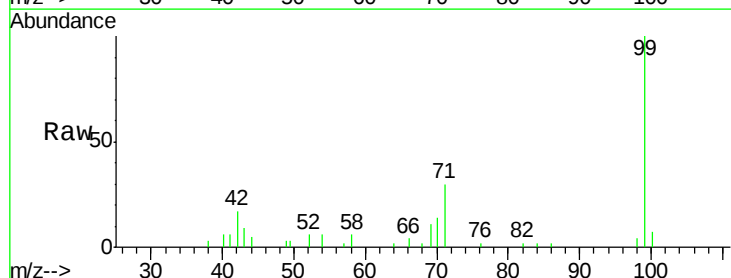
RT: 6.73 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF077841.D

Acq: 19 Mar 2015 20:14

Tgt Ion:	99	Resp:	20156
Ion	Ratio	Lower	Upper
99	100		
42	17.0	11.0	16.4#
71	29.5	23.4	35.2

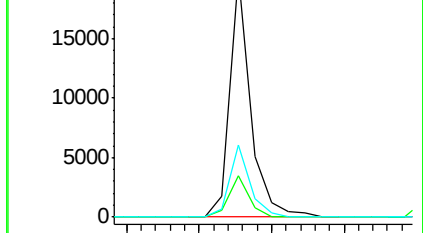
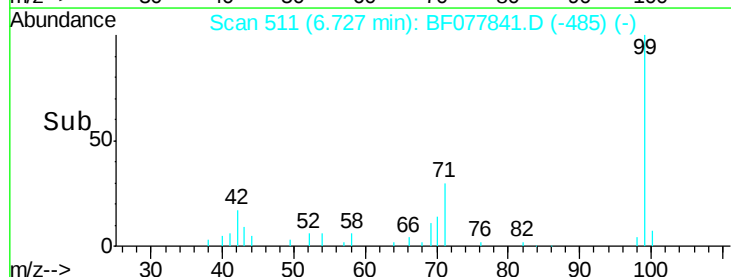


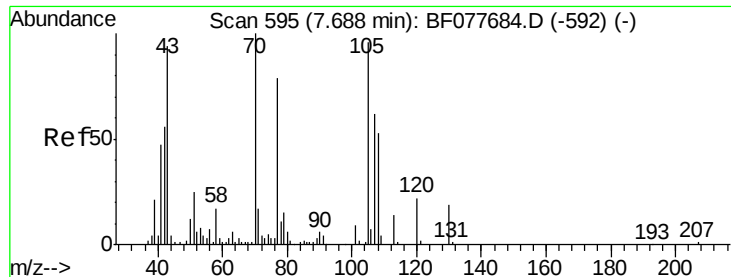
Abundance Ion 99.00 (98.70 to 99.70): BF077684.D (-508) (-)

Ion 42.00 (41.70 to 42.70): BF077684.D (-508) (-)

Ion 71.00 (70.70 to 71.70): BF077684.D (-508) (-)

Time-->

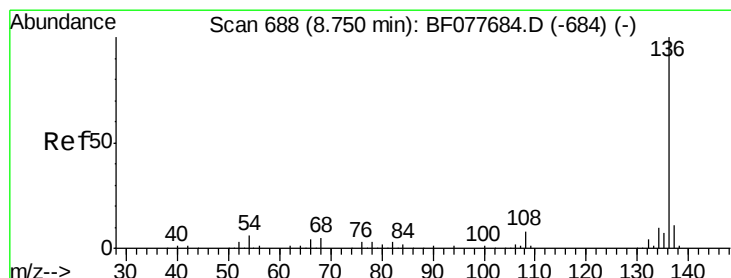
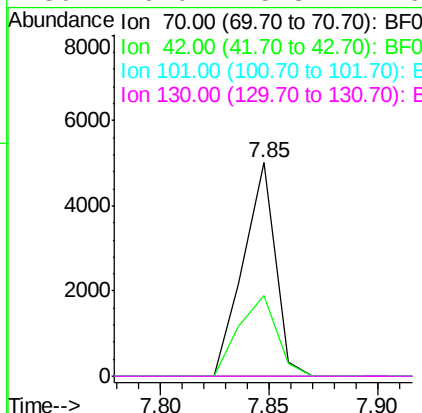
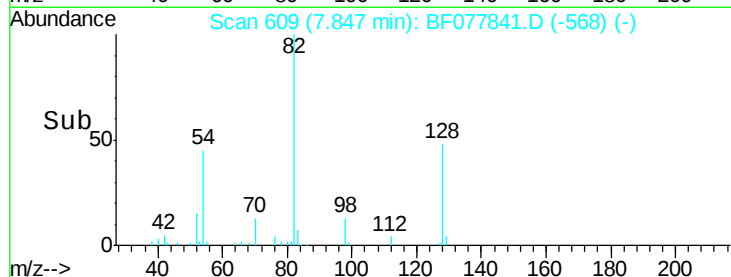
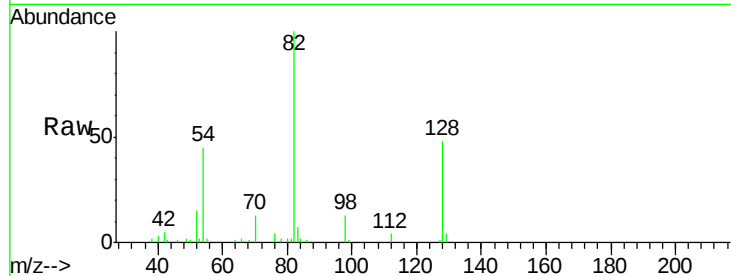




#19
n-Nitroso-di-n-propylamine
Concen: 2.76 ng
RT: 7.85 min Scan# 609
Delta R.T. 0.17 min
Lab File: BF077841.D
Acq: 19 Mar 2015 20:14

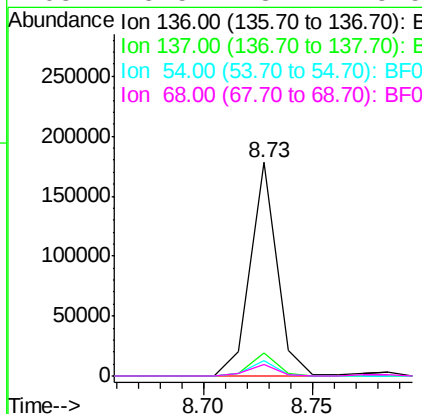
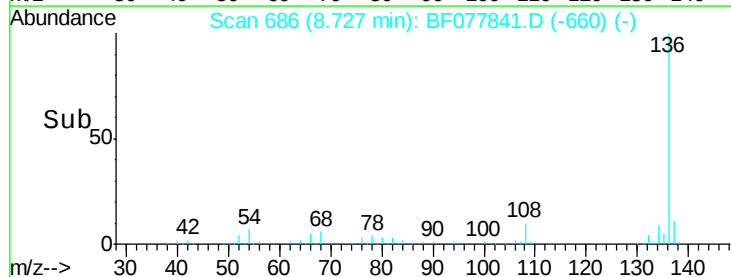
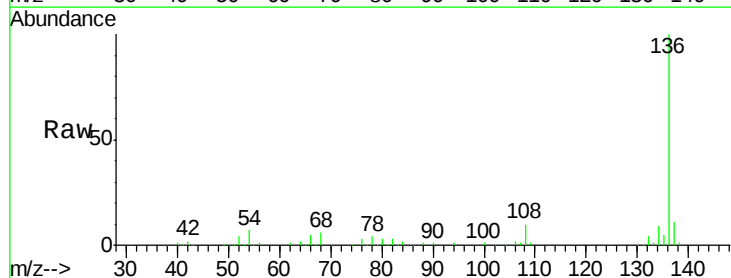
Instrument :
BNA_F
ClientSampleId :
MW-12

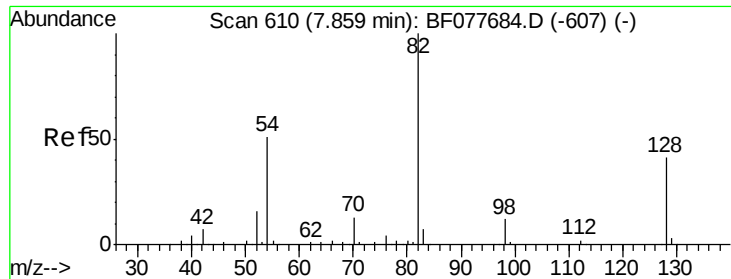
Tgt Ion: 70 Resp: 5150
Ion Ratio Lower Upper
70 100
42 37.7 44.5 66.7#
101 0.0 7.4 11.2#
130 0.0 15.3 22.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.73 min Scan# 686
Delta R.T. -0.00 min
Lab File: BF077841.D
Acq: 19 Mar 2015 20:14

Tgt Ion: 136 Resp: 152226
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 7.2 4.6 6.8#
68 5.5 3.7 5.5#

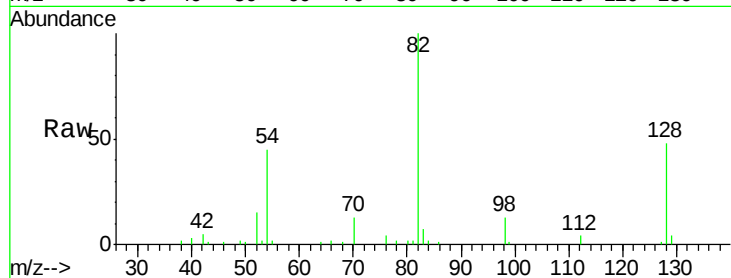




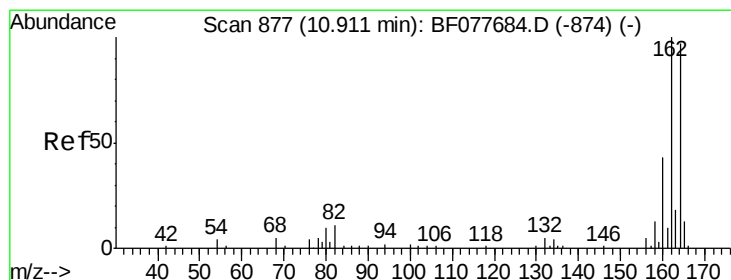
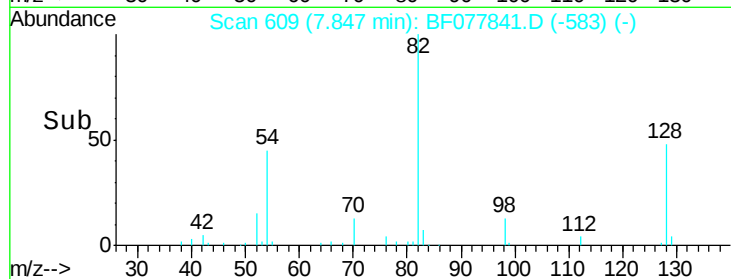
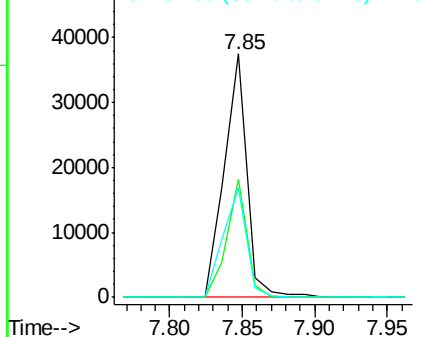
#23
 Nitrobenzene-d5
 Concen: 17.39 ng
 RT: 7.85 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF077841.D
 Acq: 19 Mar 2015 20:14

Instrument :
 BNA_F
 ClientSampleId :
 MW-12

Tgt Ion: 82 Resp: 40393
 Ion Ratio Lower Upper
 82 100
 128 48.3 32.8 49.2
 54 44.8 40.6 60.8

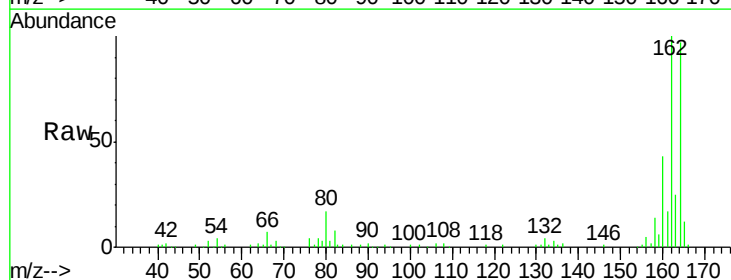


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

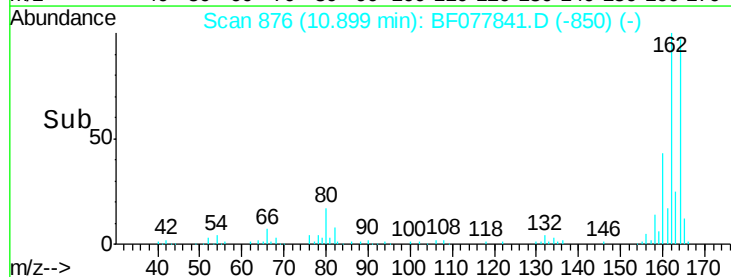
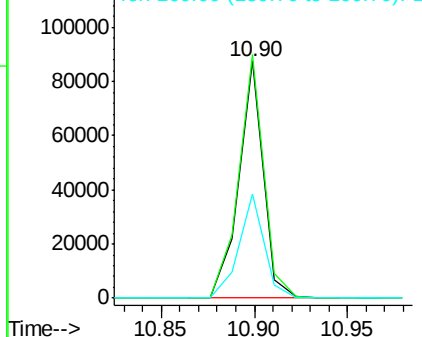


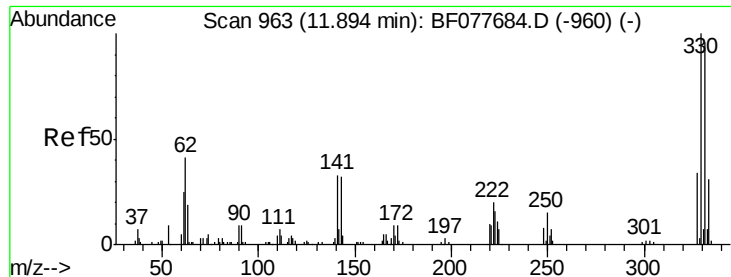
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.90 min Scan# 876
 Delta R.T. 0.00 min
 Lab File: BF077841.D
 Acq: 19 Mar 2015 20:14

Tgt Ion: 164 Resp: 79858
 Ion Ratio Lower Upper
 164 100
 162 102.8 82.4 123.6
 160 44.1 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

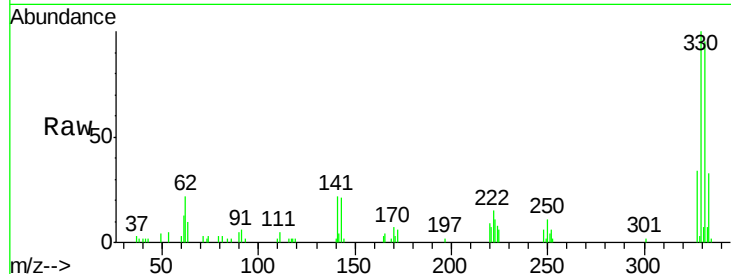




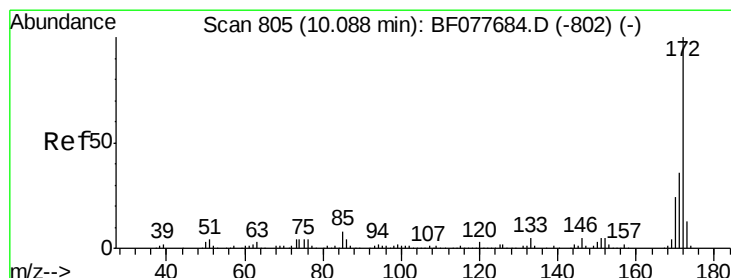
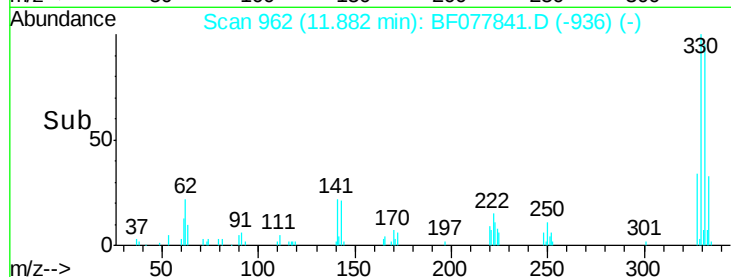
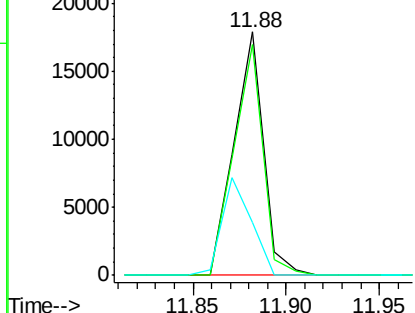
#41
 2,4,6-Tribromophenol
 Concen: 25.94 ng
 RT: 11.88 min Scan# 962
 Delta R.T. -0.00 min
 Lab File: BF077841.D
 Acq: 19 Mar 2015 20:14

Instrument :
 BNA_F
 ClientSampleId :
 MW-12

Tgt Ion:330 Resp: 19818
 Ion Ratio Lower Upper
 330 100
 332 93.8 0.0 0.0#
 141 39.9 0.0 0.0#

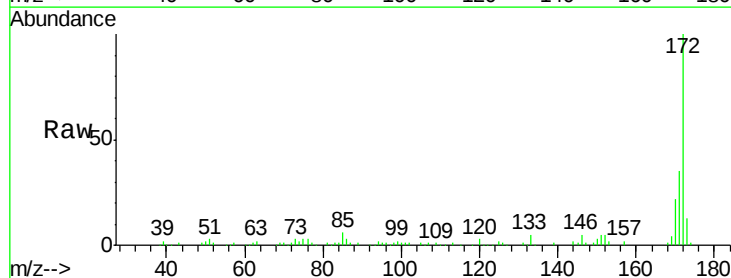


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

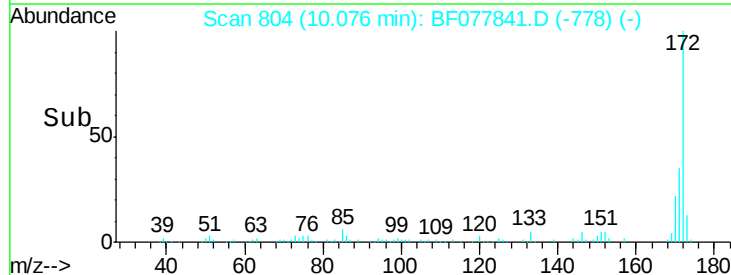
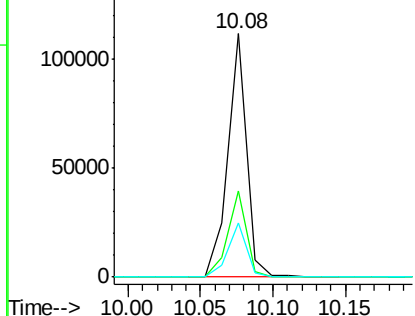


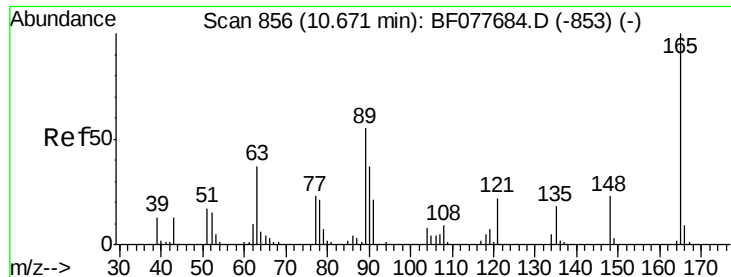
#44
 2-Fluorobiphenyl
 Concen: 18.43 ng
 RT: 10.08 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF077841.D
 Acq: 19 Mar 2015 20:14

Tgt Ion:172 Resp: 100132
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.5 42.7
 170 22.4 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

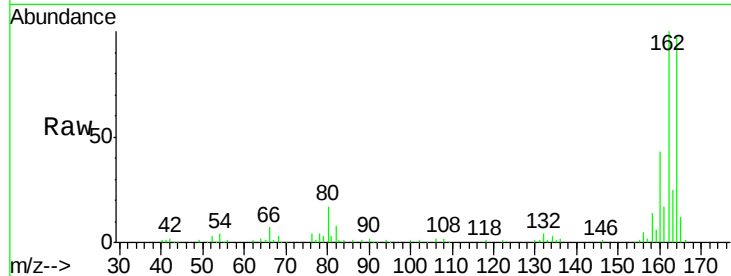




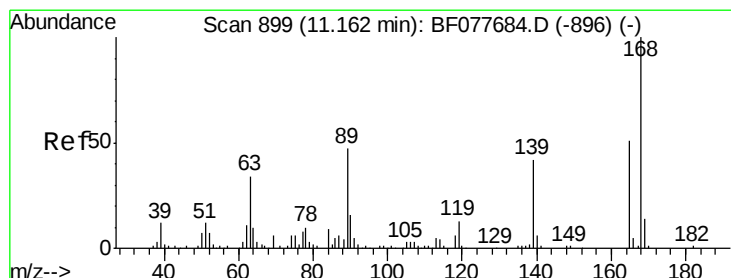
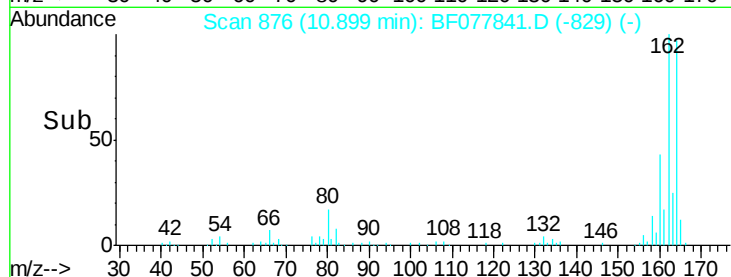
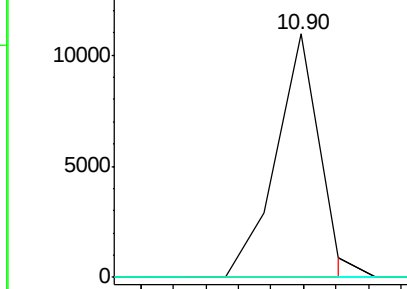
#50
 2,6-Dinitrotoluene
 Concen: 8.26 ng
 RT: 10.90 min Scan# 876
 Delta R.T. 0.24 min
 Lab File: BF077841.D
 Acq: 19 Mar 2015 20:14

Instrument :
 BNA_F
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 MW-12

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



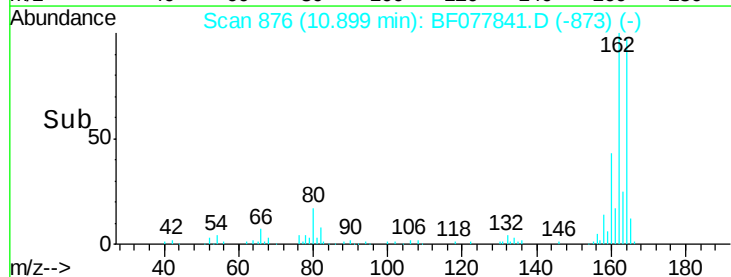
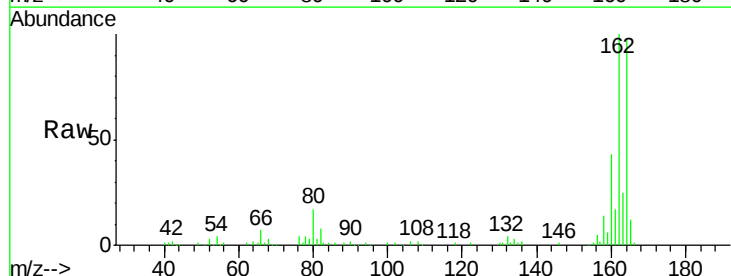
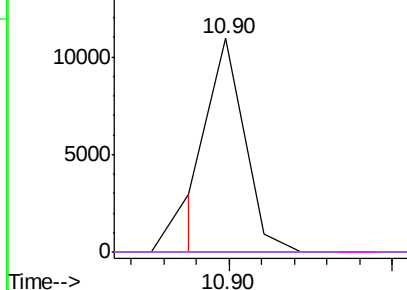
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

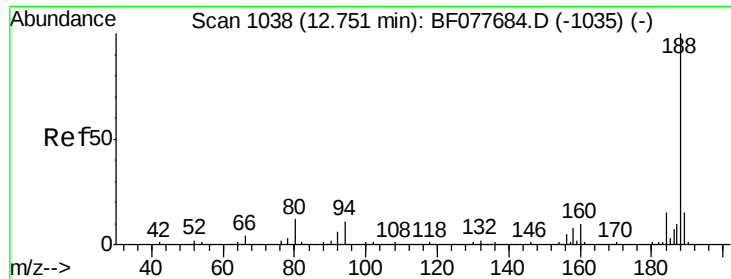


#56
 2,4-Dinitrotoluene
 Concen: 5.08 ng
 RT: 10.90 min Scan# 876
 Delta R.T. -0.26 min
 Lab File: BF077841.D
 Acq: 19 Mar 2015 20:14

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

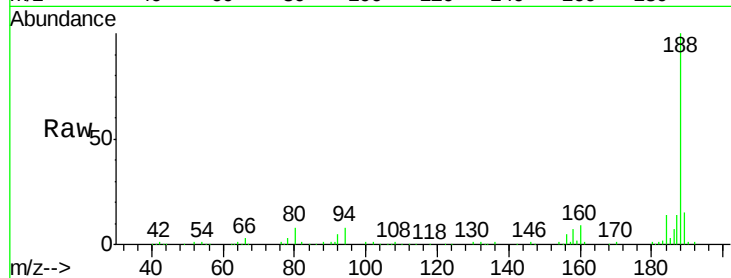




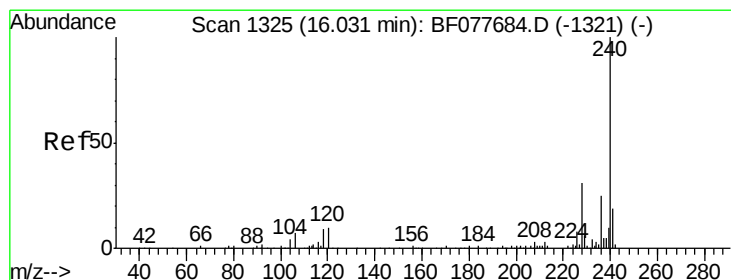
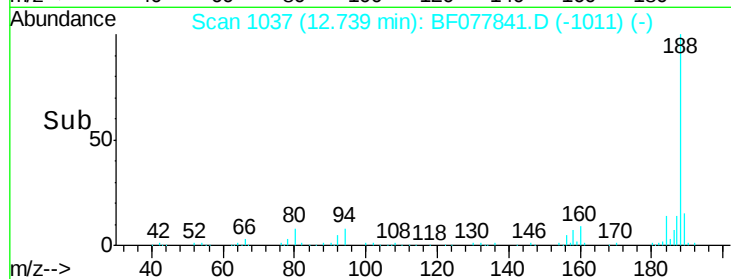
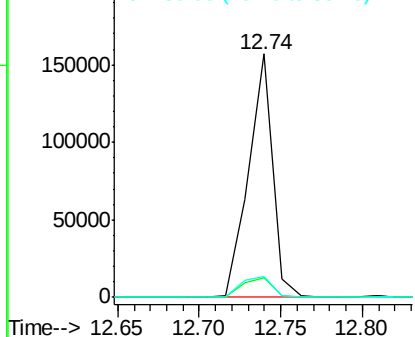
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.74 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF077841.D
Acq: 19 Mar 2015 20:14

Instrument :
BNA_F
ClientSampleId :
MW-12

Tgt Ion:188 Resp: 160455
Ion Ratio Lower Upper
188 100
94 8.3 8.7 13.1#
80 8.5 9.3 13.9#

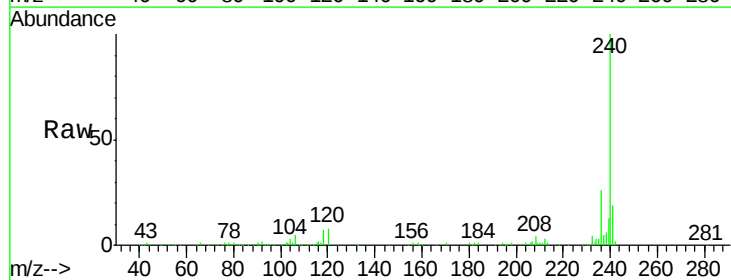


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

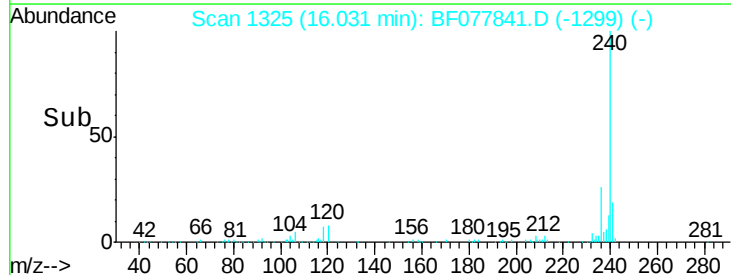
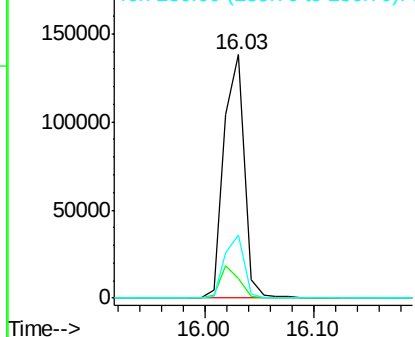


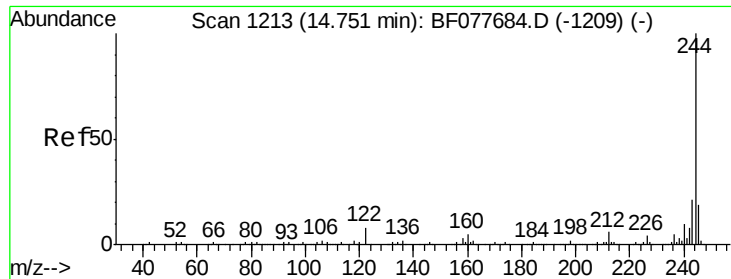
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.03 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BF077841.D
Acq: 19 Mar 2015 20:14

Tgt Ion:240 Resp: 178934
Ion Ratio Lower Upper
240 100
120 8.2 8.2 12.2
236 25.8 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

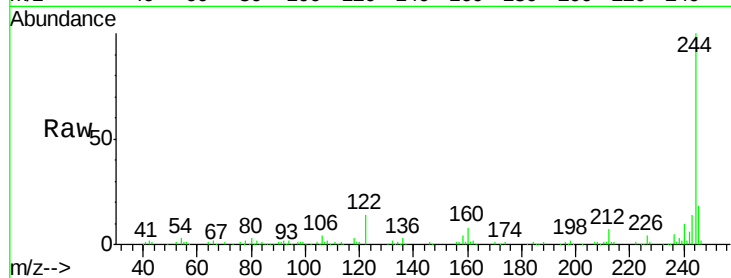




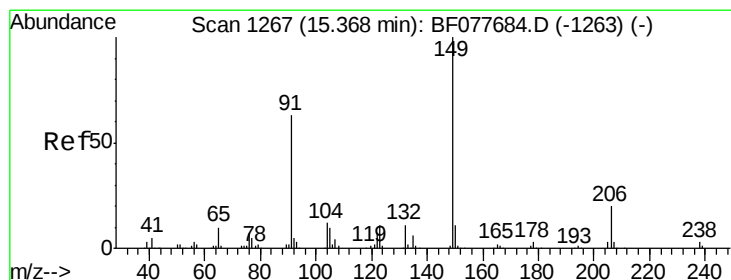
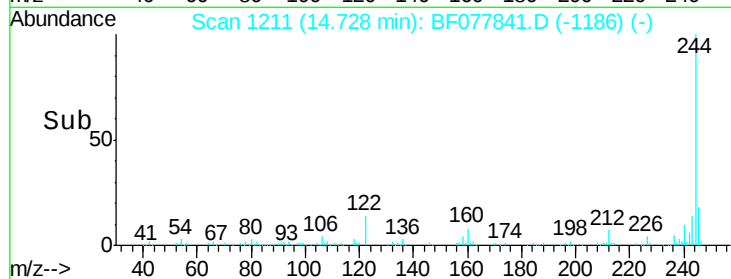
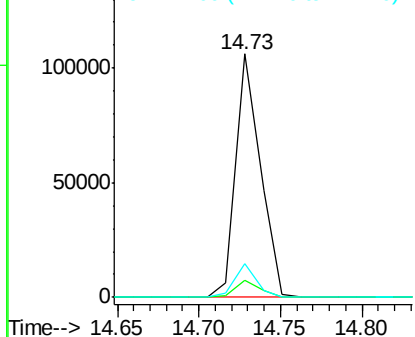
#78
 Terphenyl-d14
 Concen: 15.05 ng
 RT: 14.73 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF077841.D
 Acq: 19 Mar 2015 20:14

Instrument :
 BNA_F
 ClientSampled :
 MW-12

Tgt Ion:244 Resp: 110217
 Ion Ratio Lower Upper
 244 100
 212 6.9 4.9 7.3
 122 13.9 6.2 9.4#

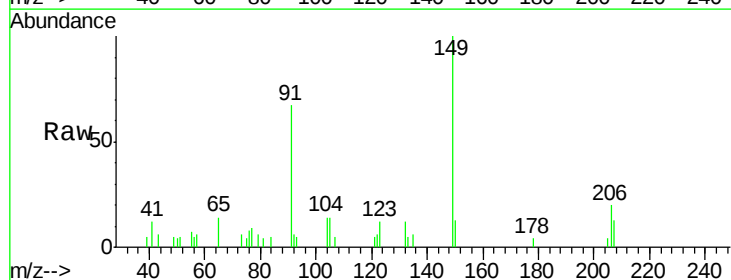


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

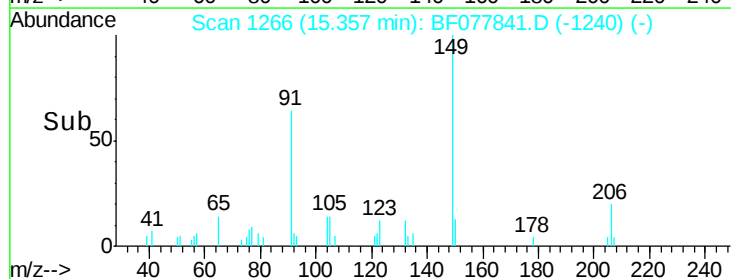
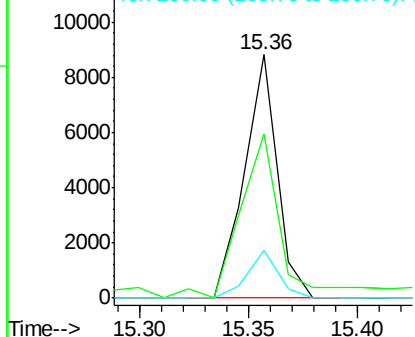


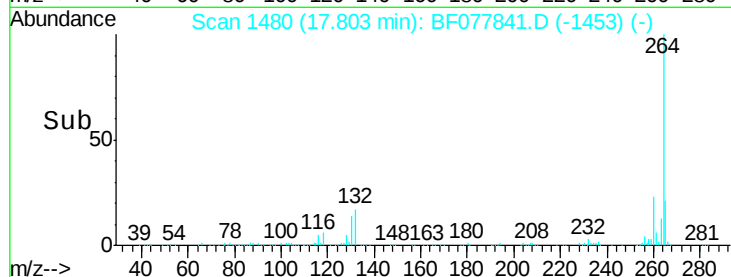
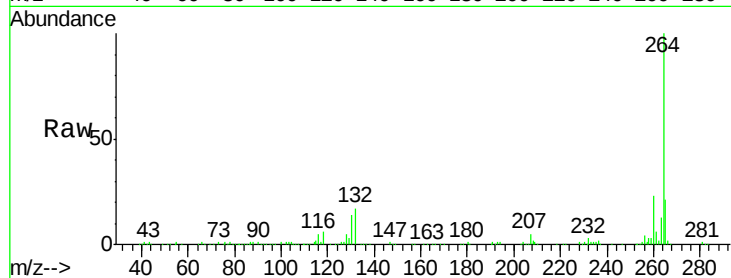
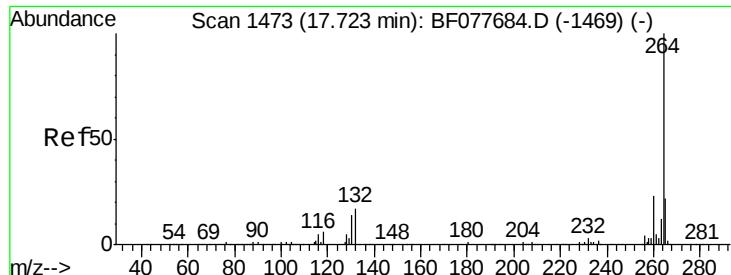
#79
 Butylbenzylphthalate
 Concen: 2.07 ng
 RT: 15.36 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: BF077841.D
 Acq: 19 Mar 2015 20:14

Tgt Ion:149 Resp: 9183
 Ion Ratio Lower Upper
 149 100
 91 67.2 50.1 75.1
 206 19.7 16.2 24.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF0
 Ion 206.00 (205.70 to 206.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 17.80 min Scan# 1480
Delta R.T. 0.01 min
Lab File: BF077841.D
Acq: 19 Mar 2015 20:14

Instrument :
BNA_F
ClientSampleId :
MW-12

Tgt Ion:	264	Resp:	178810
Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	27.8
265	21.1	17.3	25.9

