

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031915\
 Data File : BF077838.D
 Acq On : 19 Mar 2015 18:47
 Operator : TP/IZ
 Sample : G1572-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MJQUILLFIELD BLANK-1-13-17-15

Quant Time: Mar 20 00:16:09 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

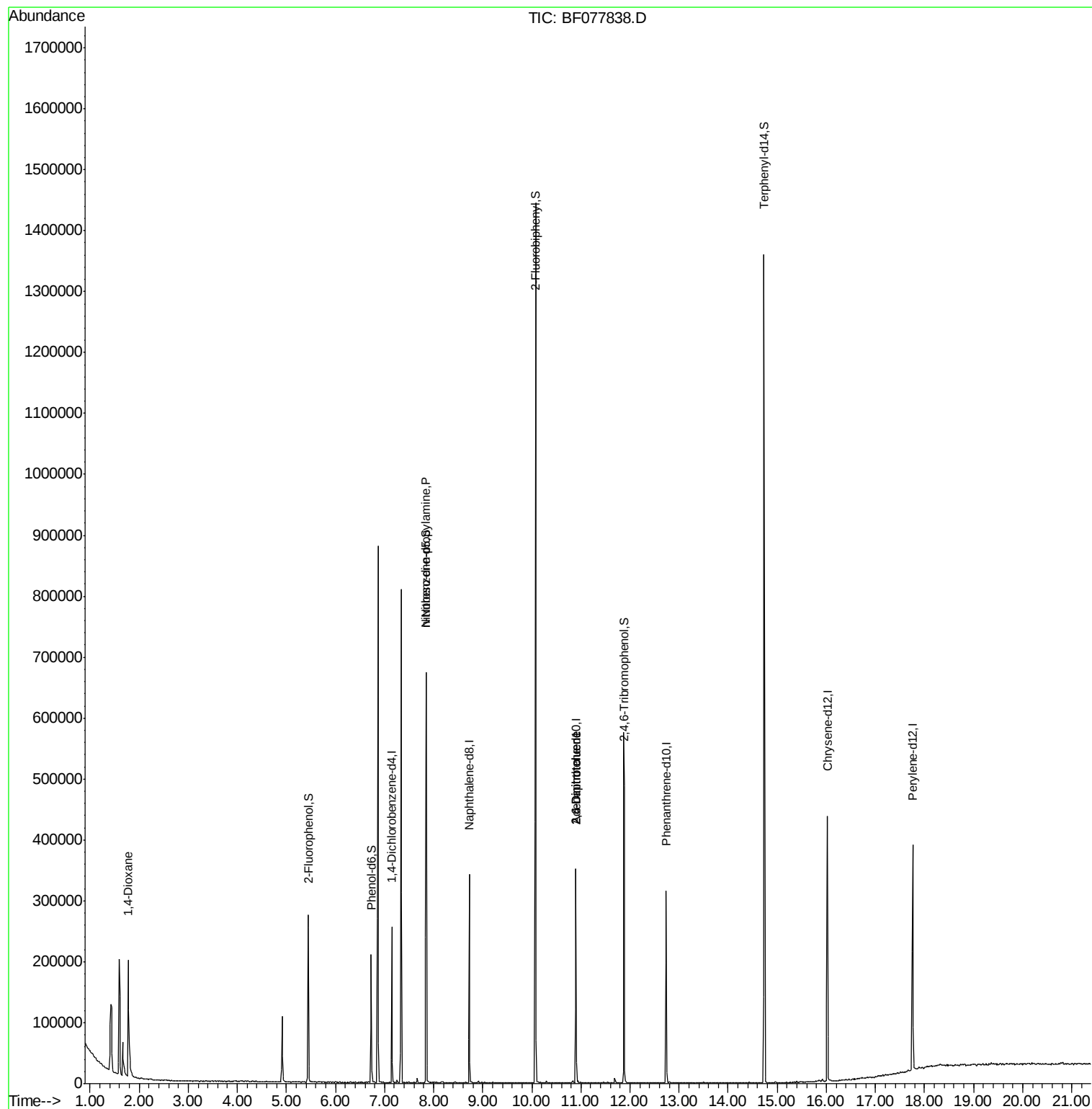
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.15	152	39620	20.00	ng	0.00
21) Naphthalene-d8	8.73	136	158755	20.00	ng	0.00
38) Acenaphthene-d10	10.90	164	77283	20.00	ng	0.00
63) Phenanthrene-d10	12.74	188	154073	20.00	ng	0.00
75) Chrysene-d12	16.02	240	173084	20.00	ng	-0.01
86) Perylene-d12	17.76	264	170642	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	123478	54.40	ng	0.01
7) Phenol-d6	6.73	99	88739	31.64	ng	0.00
23) Nitrobenzene-d5	7.85	82	230061	94.99	ng	0.00
41) 2,4,6-Tribromophenol	11.88	330	93146	125.97	ng	0.00
44) 2-Fluorobiphenyl	10.08	172	482060	91.67	ng	0.00
78) Terphenyl-d14	14.73	244	542670	76.59	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	1.78	88	8567	8.31	ng	# 100
19) n-Nitroso-di-n-propylamine	7.85	70	28651	14.77	ng	# 78
50) 2,6-Dinitrotoluene	10.90	165	9855	8.29	ng	# 24
56) 2,4-Dinitrotoluene	10.90	165	7255	4.68	ng	# 11
76) Benzidine	14.43	184	1586	Below Cal		# 68

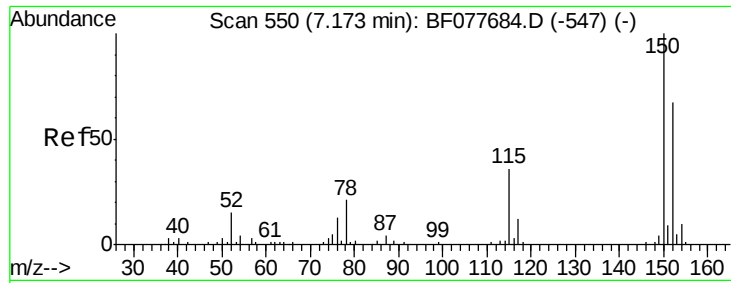
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
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QLast Update : Fri Mar 20 00:59:44 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.15 min Scan# 548

Delta R.T. 0.00 min

Lab File: BF077838.D

Acq: 19 Mar 2015 18:47

Instrument :

BNA_F

ClientSampleId :

MJQUILLFIELD BLANK-1-13-17-15

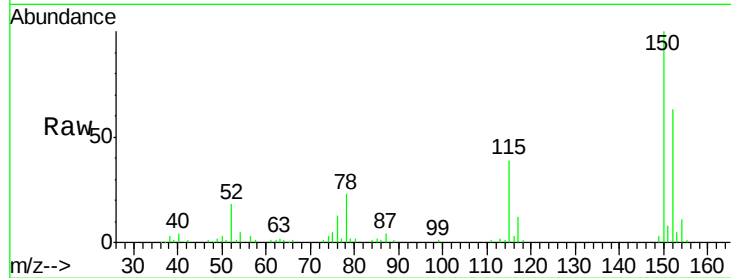
Tgt Ion: 152 Resp: 39620

Ion Ratio Lower Upper

152 100

150 159.3 119.5 179.3

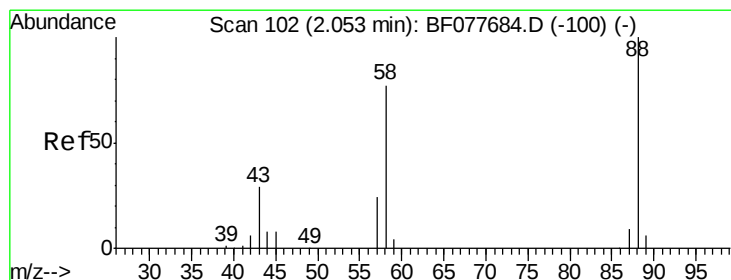
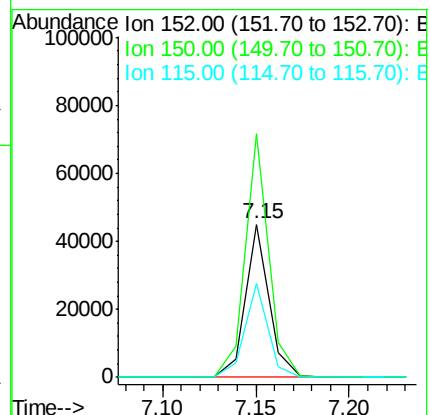
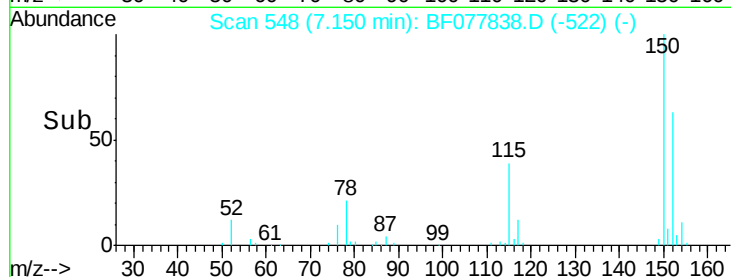
115 61.7 43.0 64.4



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: 8.31 ng

RT: 1.78 min Scan# 78

Delta R.T. -0.25 min

Lab File: BF077838.D

Acq: 19 Mar 2015 18:47

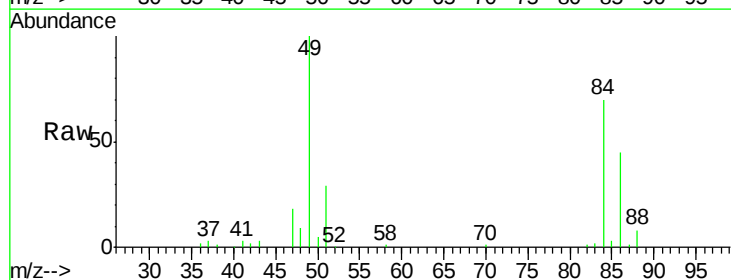
Tgt Ion: 88 Resp: 8567

Ion Ratio Lower Upper

88 100

58 0.0 0.0 0.0

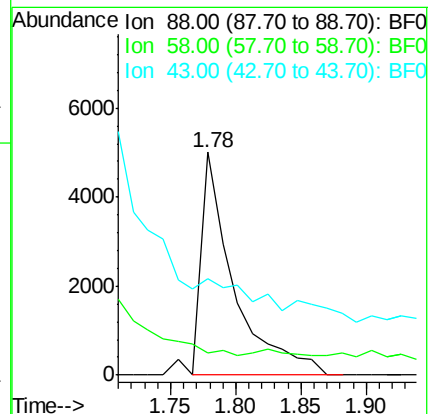
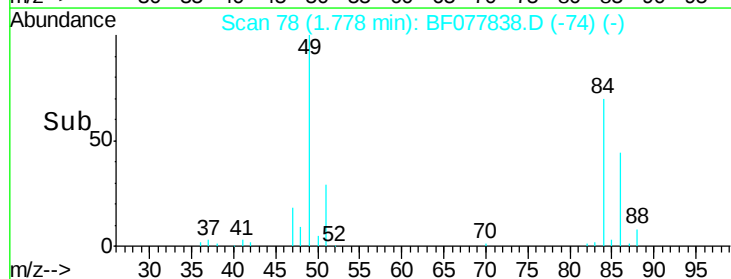
43 0.0 0.0 0.0

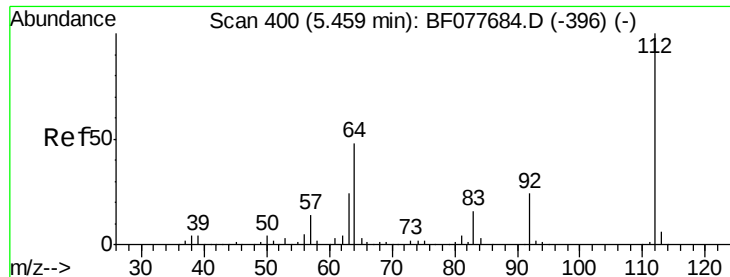


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 54.40 ng

RT: 5.45 min Scan# 399

Delta R.T. 0.01 min

Lab File: BF077838.D

Acq: 19 Mar 2015 18:47

Instrument :

BNA_F

ClientSampleId :

MJQUILLFIELDBLANK-1-13-17-15

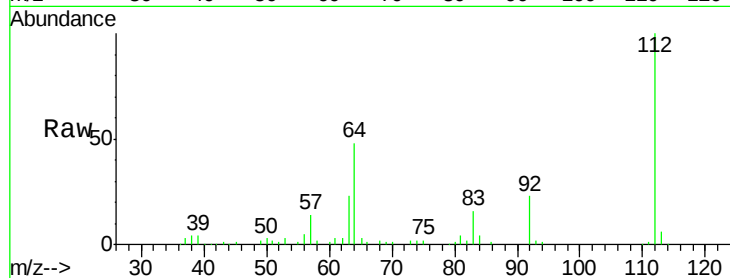
Tgt Ion: 112 Resp: 123478

Ion Ratio Lower Upper

112 100

64 48.3 38.6 57.8

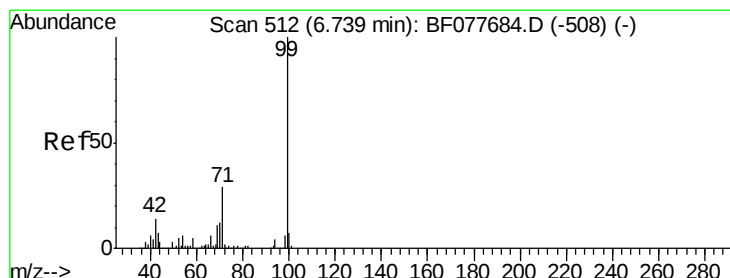
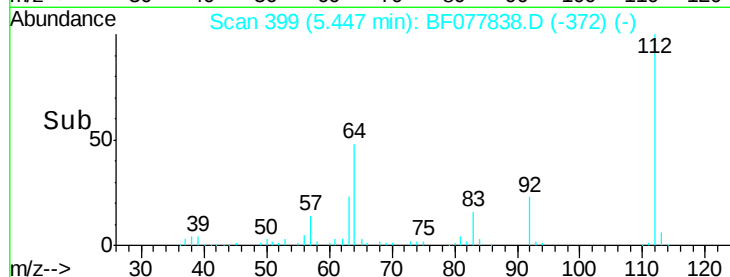
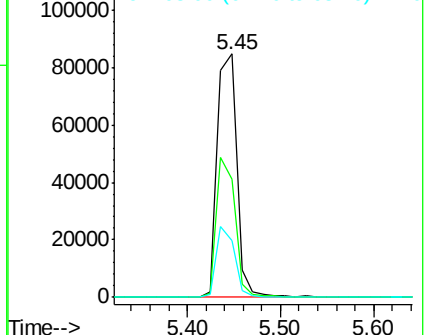
63 23.2 19.3 28.9



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: 31.64 ng

RT: 6.73 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF077838.D

Acq: 19 Mar 2015 18:47

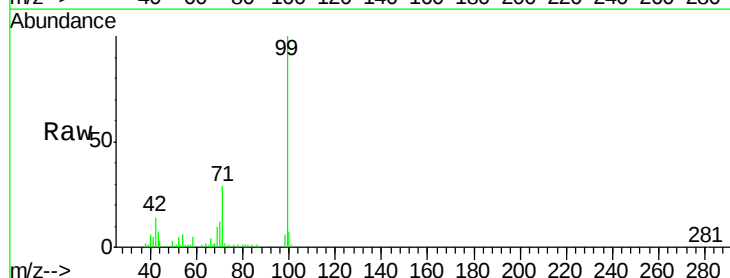
Tgt Ion: 99 Resp: 88739

Ion Ratio Lower Upper

99 100

42 13.6 11.0 16.4

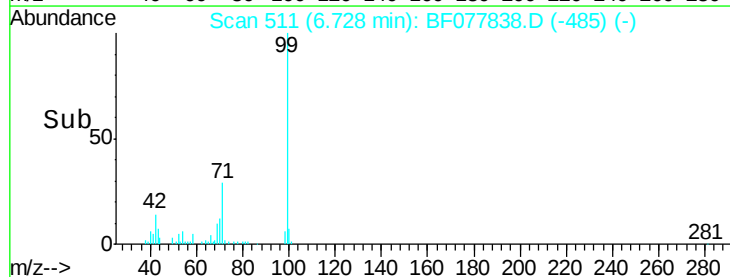
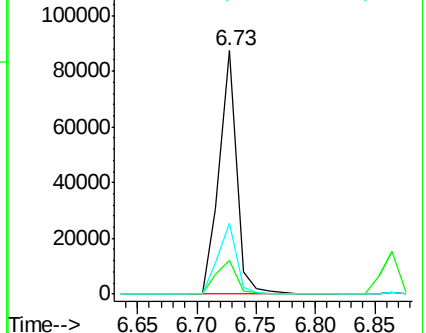
71 29.1 23.4 35.2

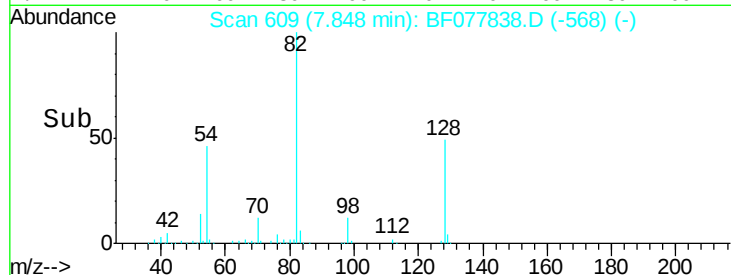
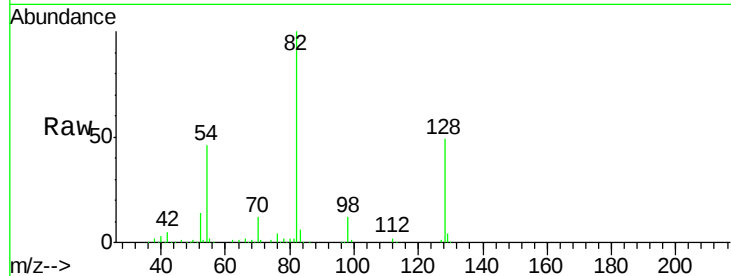
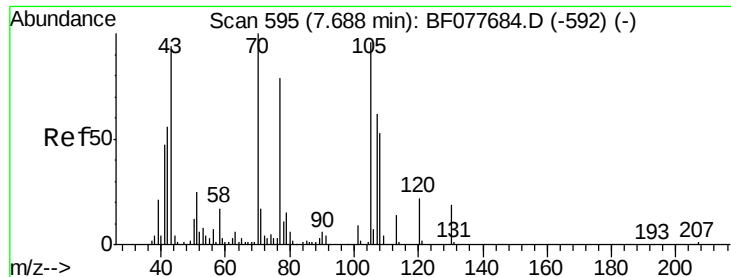


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

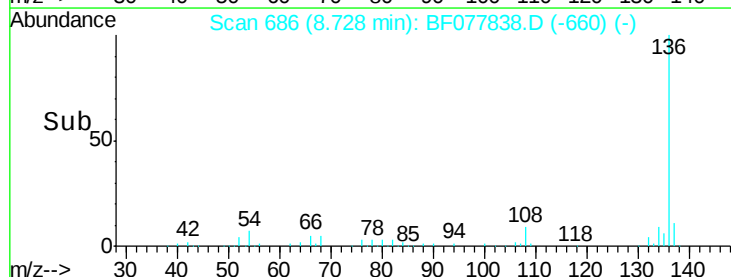
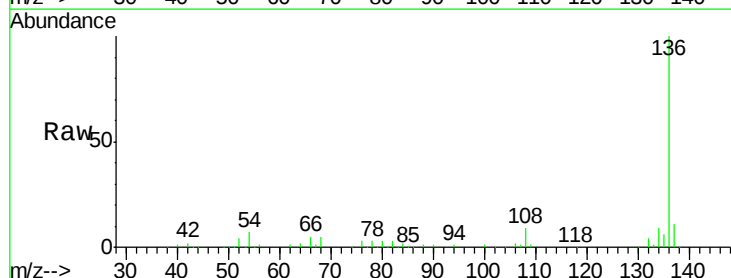
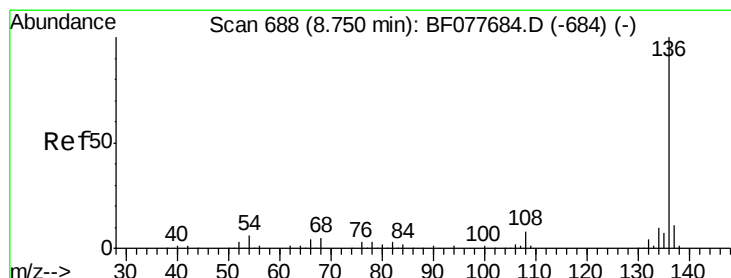
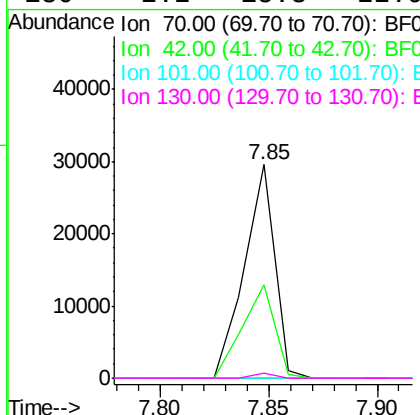




#19
n-Nitroso-di-n-propylamine
Concen: 14.77 ng
RT: 7.85 min Scan# 609
Delta R.T. 0.17 min
Lab File: BF077838.D
Acq: 19 Mar 2015 18:47

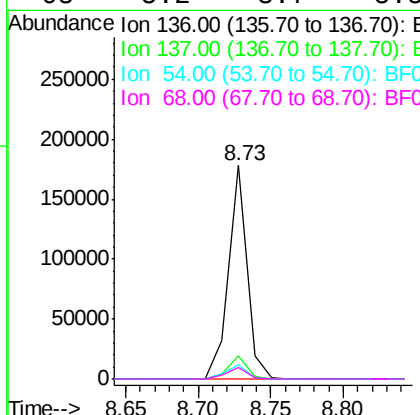
Instrument :
BNA_F
ClientSampleId :
MJQUILLFIELDBLANK-1-13-17-15

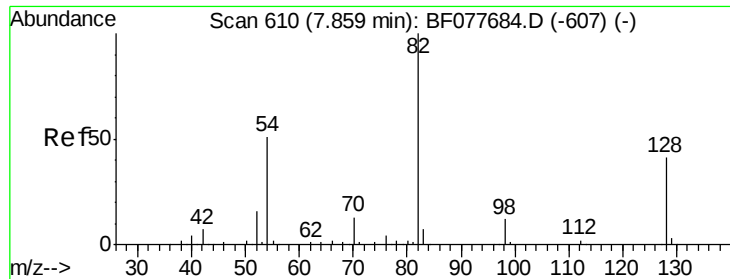
Tgt Ion: 70 Resp: 28651
Ion Ratio Lower Upper
70 100
42 43.6 44.5 66.7#
101 0.0 7.4 11.2#
130 2.2 15.3 22.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.73 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF077838.D
Acq: 19 Mar 2015 18:47

Tgt Ion: 136 Resp: 158755
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 6.9 4.6 6.8#
68 5.2 3.7 5.5

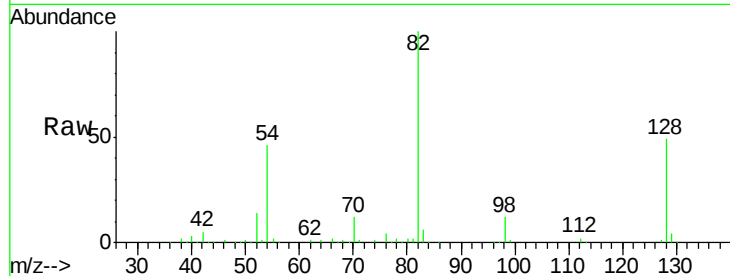




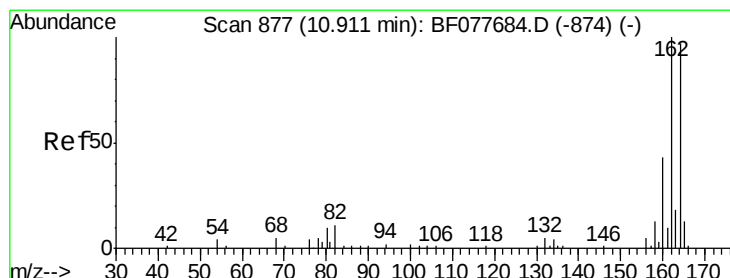
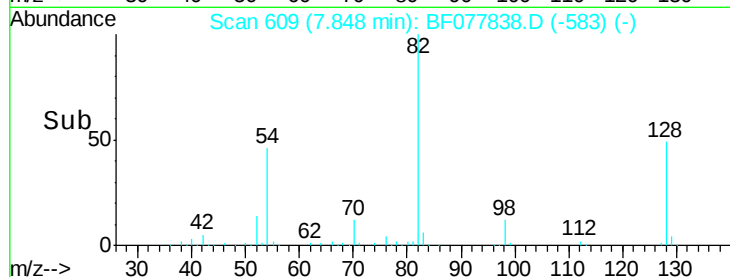
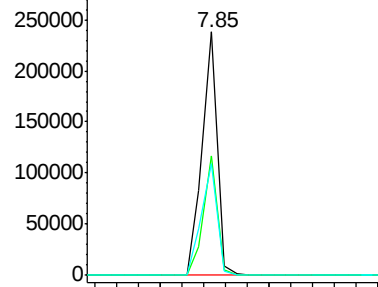
#23
 Nitrobenzene-d5
 Concen: 94.99 ng
 RT: 7.85 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF077838.D
 Acq: 19 Mar 2015 18:47

Instrument :
 BNA_F
 ClientSampleId :
 MJQUILLFIELDBLANK-1-13-17-15

Tgt Ion: 82 Resp: 230061
 Ion Ratio Lower Upper
 82 100
 128 48.9 32.8 49.2
 54 45.8 40.6 60.8

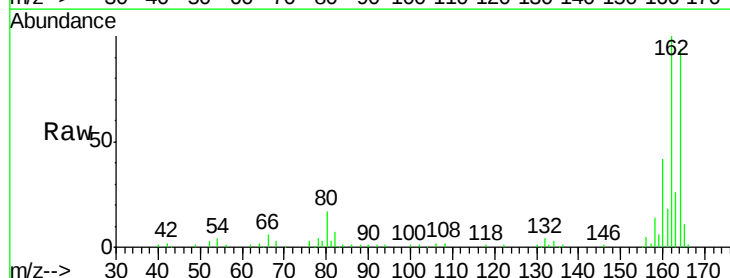


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

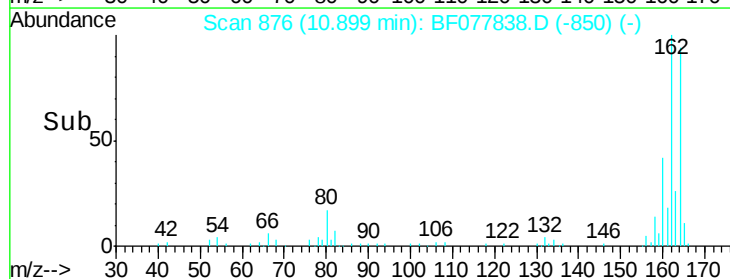
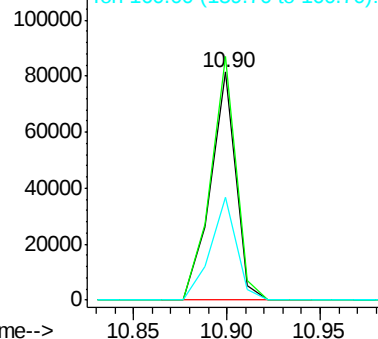


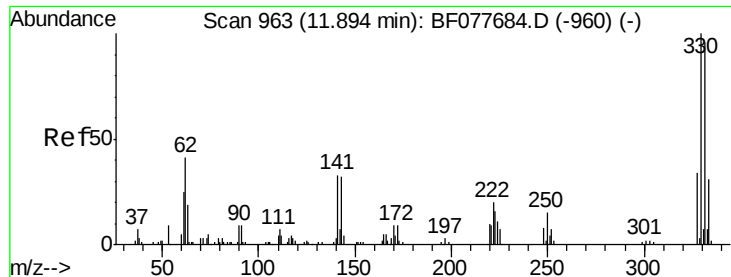
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.90 min Scan# 876
 Delta R.T. 0.00 min
 Lab File: BF077838.D
 Acq: 19 Mar 2015 18:47

Tgt Ion: 164 Resp: 77283
 Ion Ratio Lower Upper
 164 100
 162 106.9 82.4 123.6
 160 45.1 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

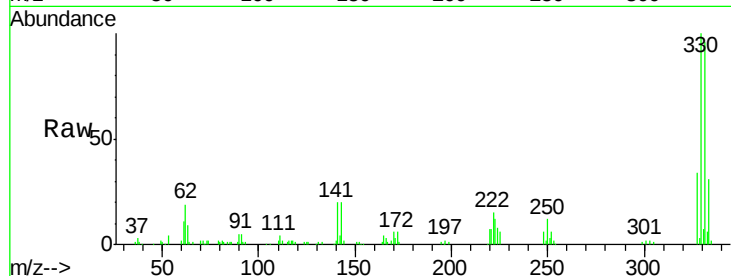




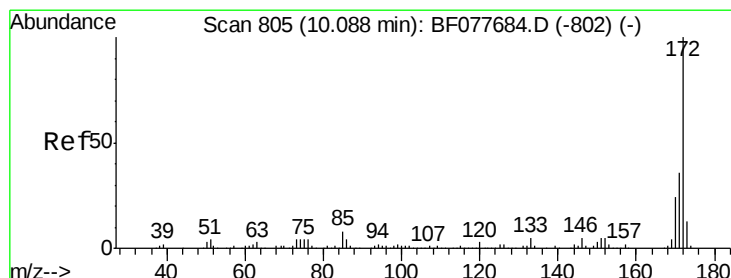
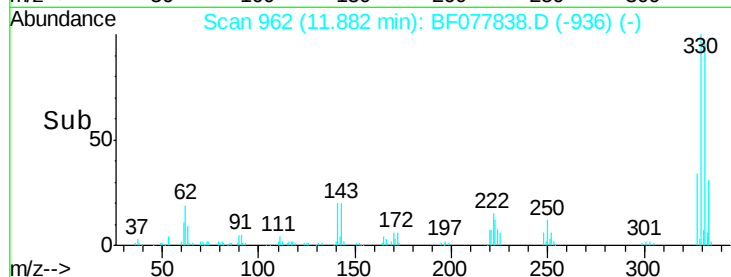
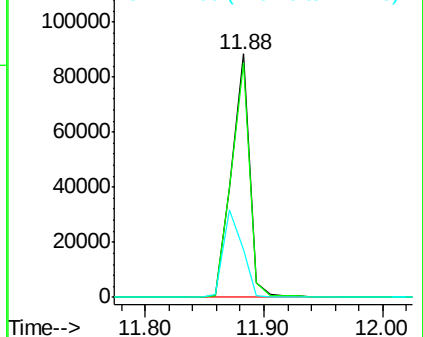
#41
 2,4,6-Tribromophenol
 Concen: 125.97 ng
 RT: 11.88 min Scan# 962
 Delta R.T. 0.00 min
 Lab File: BF077838.D
 Acq: 19 Mar 2015 18:47

Instrument :
 BNA_F
 ClientSampleId :
 MJQUILLFIELDBLANK-1-13-17-15

Tgt Ion:330 Resp: 93146
 Ion Ratio Lower Upper
 330 100
 332 97.2 0.0 0.0#
 141 38.0 0.0 0.0#

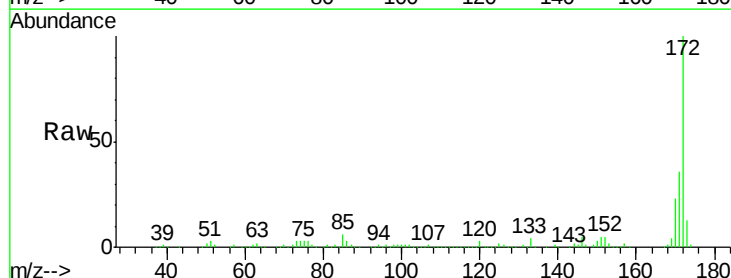


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

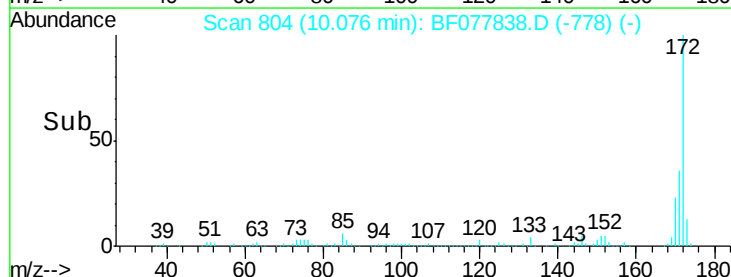
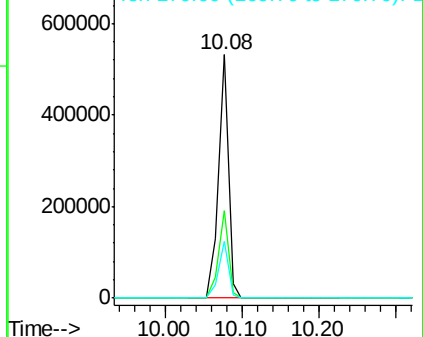


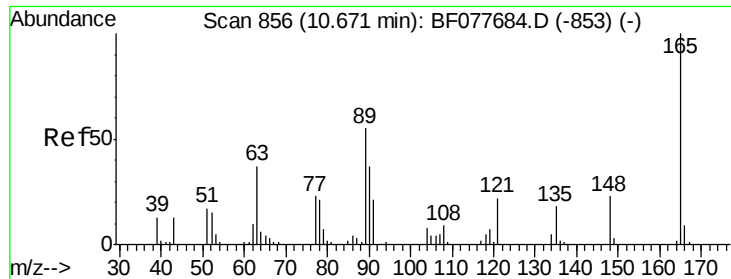
#44
 2-Fluorobiphenyl
 Concen: 91.67 ng
 RT: 10.08 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF077838.D
 Acq: 19 Mar 2015 18:47

Tgt Ion:172 Resp: 482060
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.5 42.7
 170 23.4 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

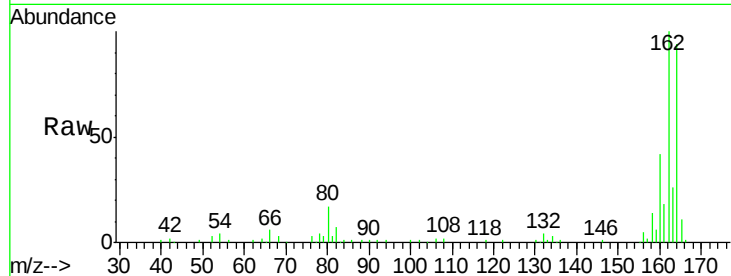




#50
 2,6-Dinitrotoluene
 Concen: 8.29 ng
 RT: 10.90 min Scan# 876
 Delta R.T. 0.24 min
 Lab File: BF077838.D
 Acq: 19 Mar 2015 18:47

Instrument :
 BNA_F
 ClientSampleId :
 MJQUILLFIELDBLANK-1-13-17-15

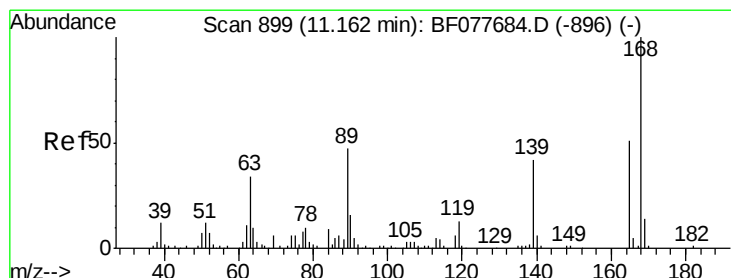
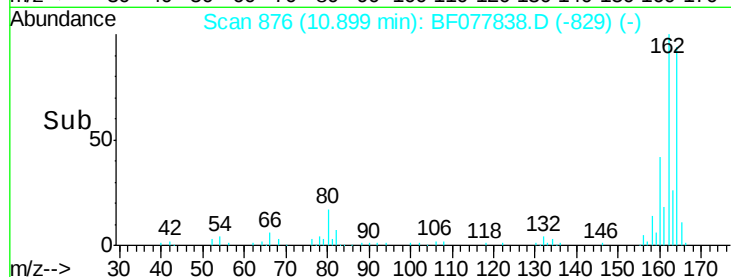
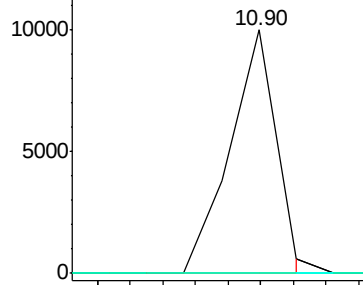
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.1	66.1#
89	0.0	44.3	66.5#



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: 4.68 ng
 RT: 10.90 min Scan# 876
 Delta R.T. -0.26 min
 Lab File: BF077838.D
 Acq: 19 Mar 2015 18:47

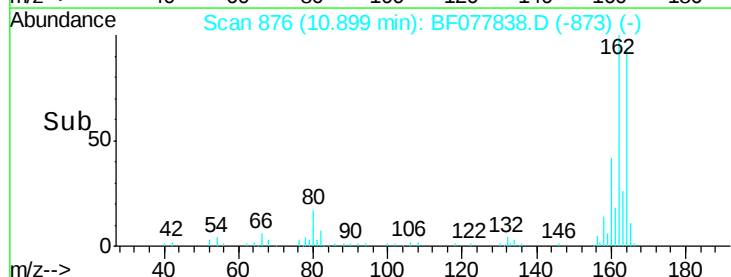
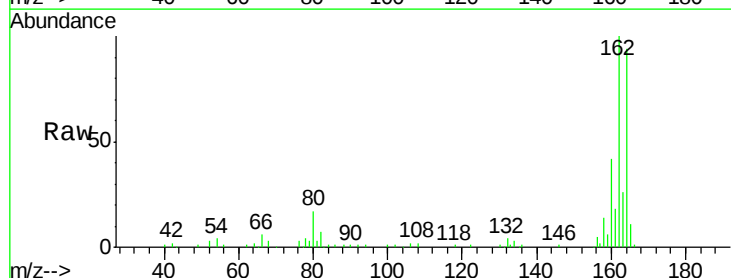
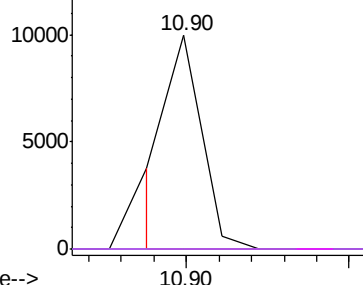
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.4	78.6#
89	0.0	72.4	108.6#
182	0.0	2.0	3.0#

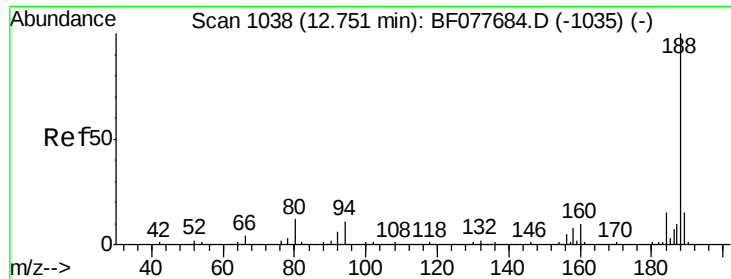
Abundance Ion 165.00 (164.70 to 165.70): E

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

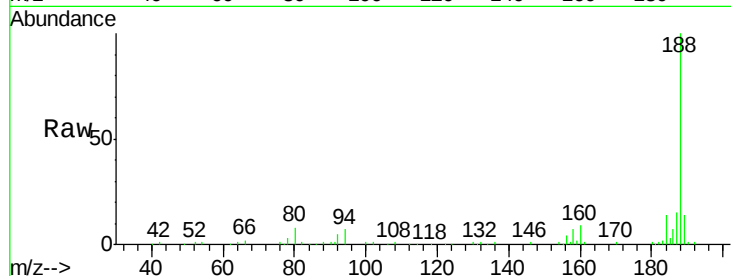




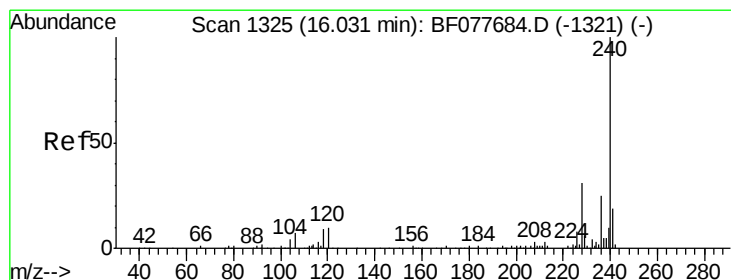
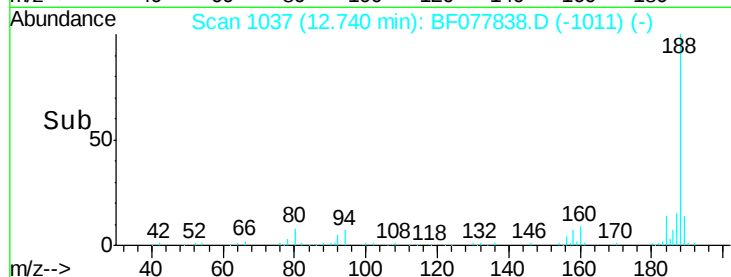
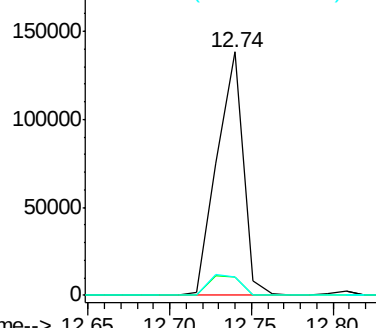
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.74 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF077838.D
Acq: 19 Mar 2015 18:47

Instrument :
BNA_F
ClientSampleId :
MJQUILLFIELD BLANK-1-13-17-15

Tgt Ion: 188 Resp: 154073
Ion Ratio Lower Upper
188 100
94 7.5 8.7 13.1#
80 7.8 9.3 13.9#

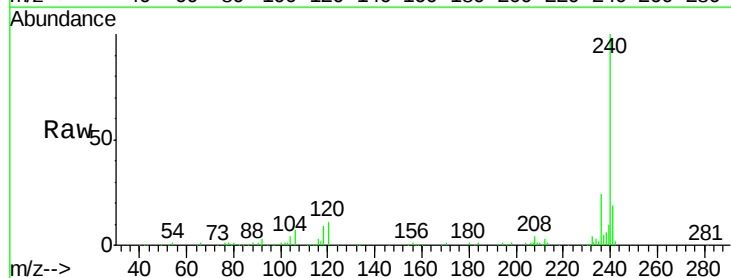


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

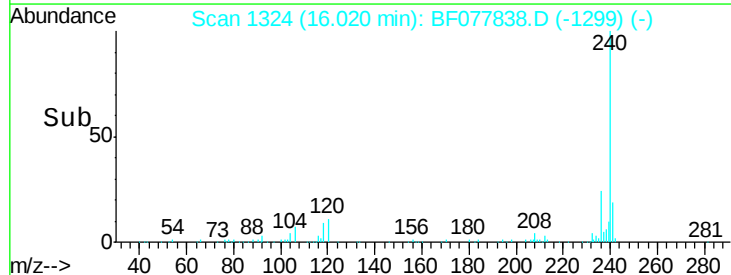
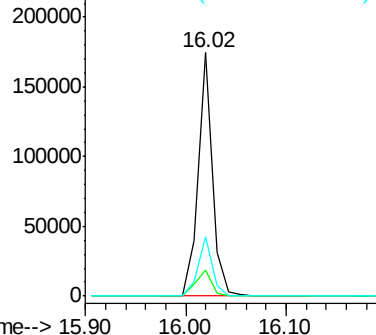


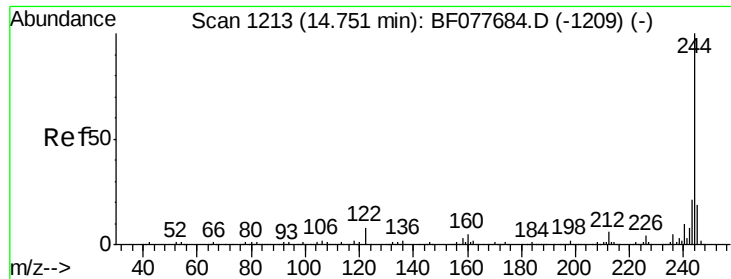
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.02 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF077838.D
Acq: 19 Mar 2015 18:47

Tgt Ion: 240 Resp: 173084
Ion Ratio Lower Upper
240 100
120 10.5 8.2 12.2
236 24.3 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

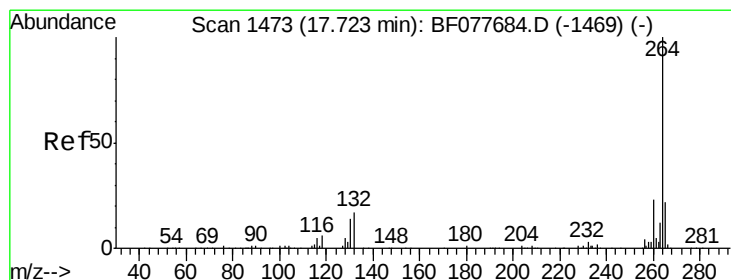
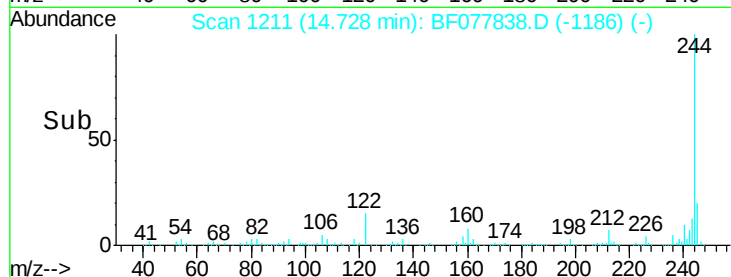
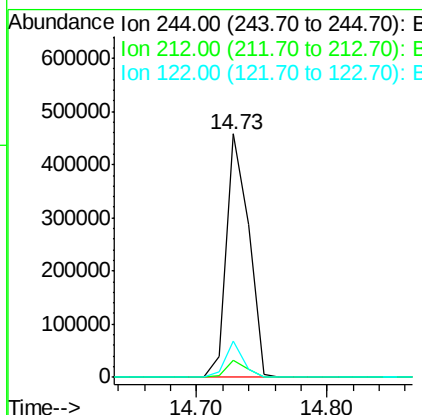
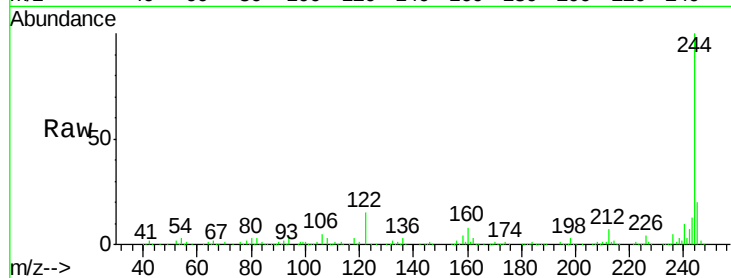




#78
 Terphenyl-d14
 Concen: 76.59 ng
 RT: 14.73 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF077838.D
 Acq: 19 Mar 2015 18:47

Instrument :
 BNA_F
 ClientSampleId :
 MJQUILLFIELDBLANK-1-13-17-15

Tgt Ion:244 Resp: 542670
 Ion Ratio Lower Upper
 244 100
 212 7.2 4.9 7.3
 122 15.0 6.2 9.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.76 min Scan# 1476
 Delta R.T. -0.03 min
 Lab File: BF077838.D
 Acq: 19 Mar 2015 18:47

Tgt Ion:264 Resp: 170642
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.6 27.8
 265 20.9 17.3 25.9

