

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031915\
 Data File : BF077836.D
 Acq On : 19 Mar 2015 17:50
 Operator : TP/IZ
 Sample : G1572-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 URSMW-09

Quant Time: Mar 20 00:15:37 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

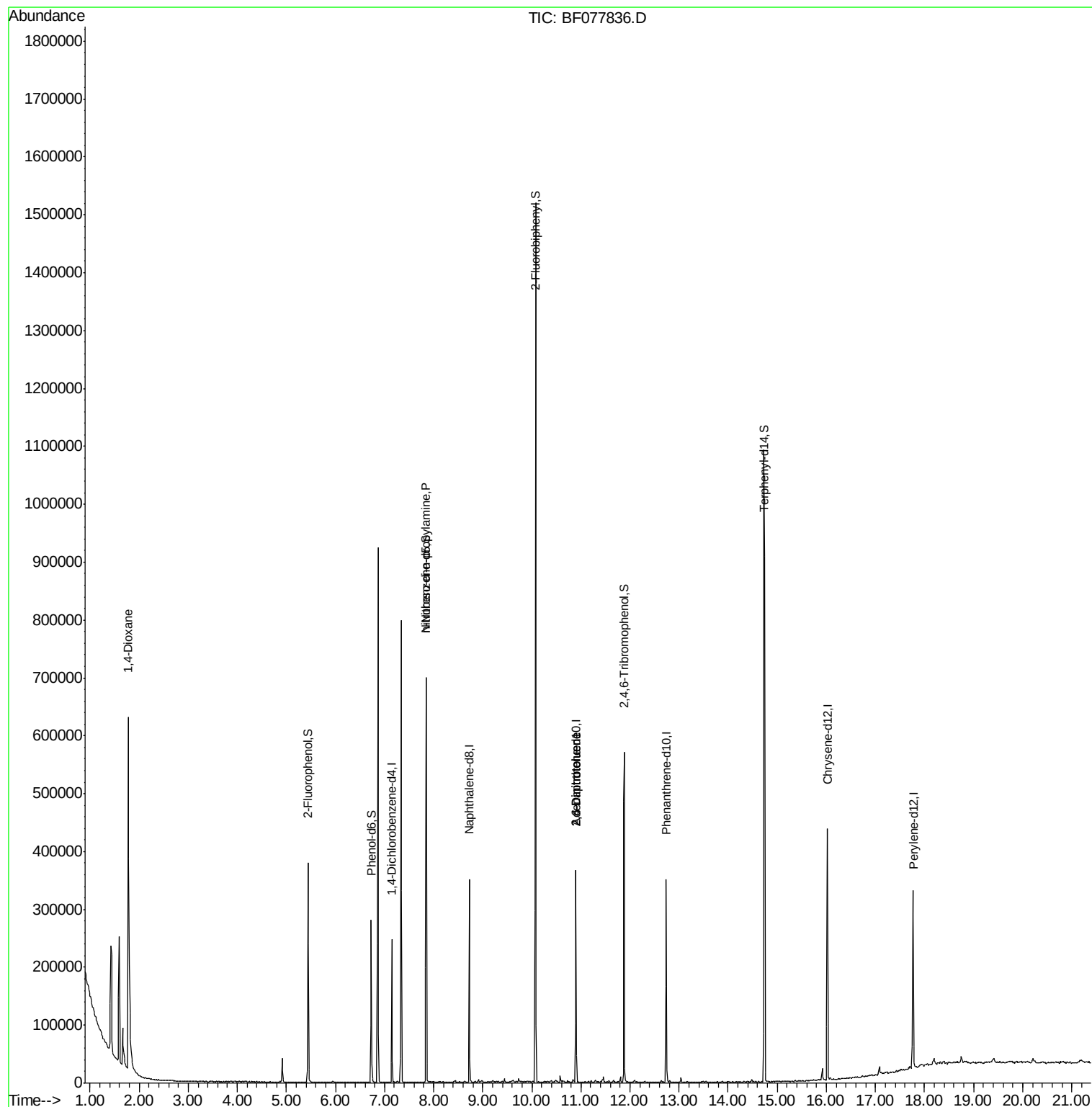
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.15	152	37961	20.00	ng	0.00
21) Naphthalene-d8	8.73	136	156601	20.00	ng	0.00
38) Acenaphthene-d10	10.90	164	78555	20.00	ng	0.00
63) Phenanthrene-d10	12.74	188	156491	20.00	ng	0.00
75) Chrysene-d12	16.02	240	168456	20.00	ng	-0.01
86) Perylene-d12	17.77	264	170306	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	143407	65.94	ng	0.00
7) Phenol-d6	6.73	99	113250	42.15	ng	0.00
23) Nitrobenzene-d5	7.85	82	228562	95.67	ng	0.00
41) 2,4,6-Tribromophenol	11.88	330	93629	124.57	ng	0.00
44) 2-Fluorobiphenyl	10.08	172	470089	87.94	ng	0.00
78) Terphenyl-d14	14.74	244	521041	75.55	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.78	88	30596	30.99	ng	# 100
19) n-Nitroso-di-n-propylamine	7.85	70	28746	15.46	ng	# 77
50) 2,6-Dinitrotoluene	10.90	165	9845	8.15	ng	# 24
56) 2,4-Dinitrotoluene	10.90	165	7718	4.90	ng	# 11

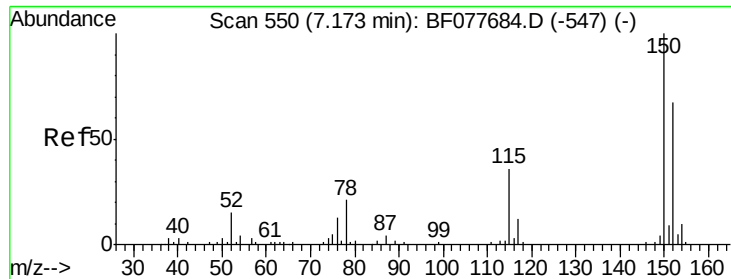
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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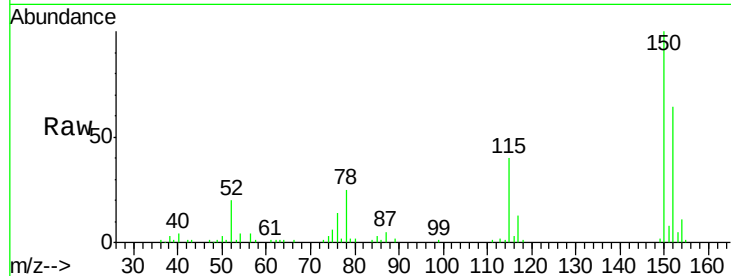


#1

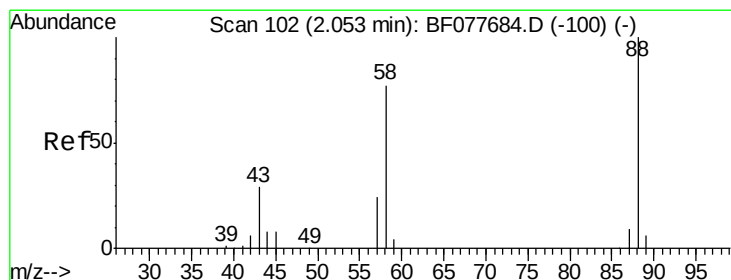
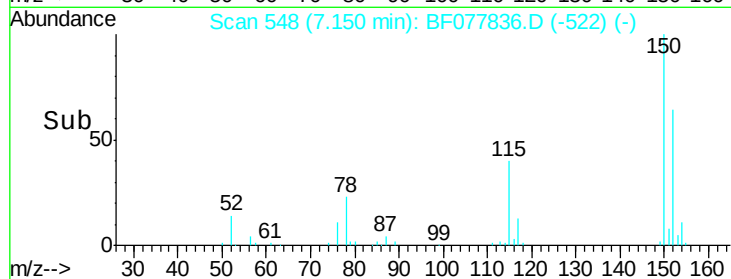
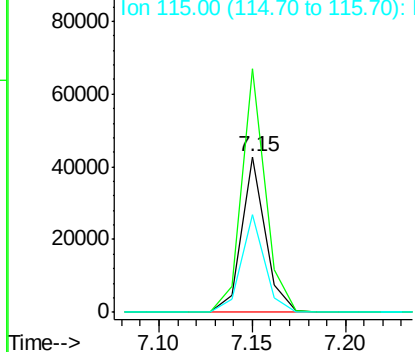
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.15 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF077836.D
Acq: 19 Mar 2015 17:50

Instrument :
BNA_F
ClientSampleId :
URSMW-09

Tgt Ion:152 Resp: 37961
Ion Ratio Lower Upper
152 100
150 156.5 119.5 179.3
115 63.1 43.0 64.4



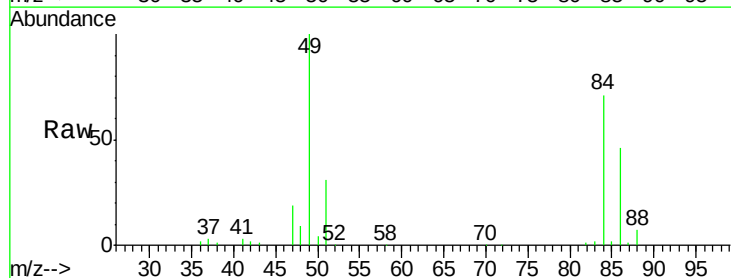
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



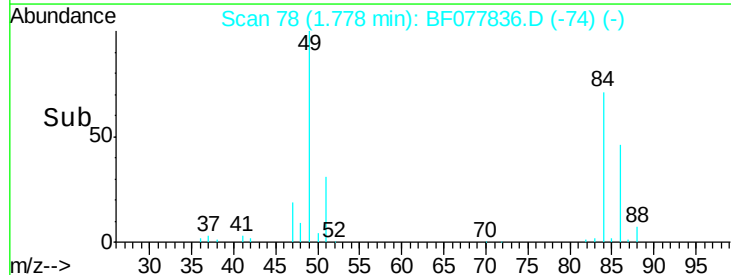
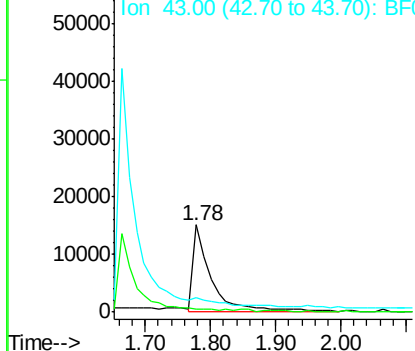
#2

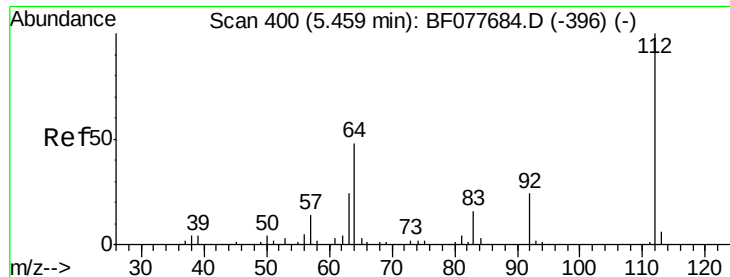
1,4-Dioxane
Concen: 30.99 ng
RT: 1.78 min Scan# 78
Delta R.T. -0.25 min
Lab File: BF077836.D
Acq: 19 Mar 2015 17:50

Tgt Ion: 88 Resp: 30596
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: 65.94 ng

RT: 5.44 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF077836.D

Acq: 19 Mar 2015 17:50

Instrument :

BNA_F

ClientSampleId :

URSMW-09

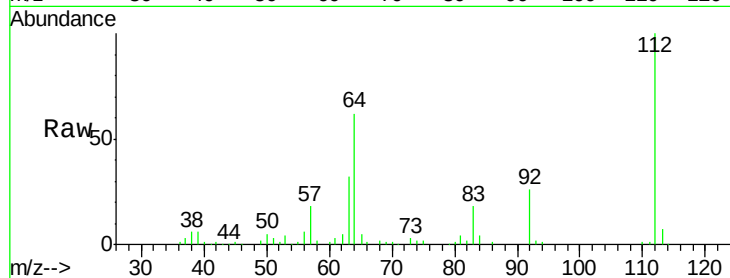
Tgt Ion: 112 Resp: 143407

Ion Ratio Lower Upper

112 100

64 62.5 38.6 57.8#

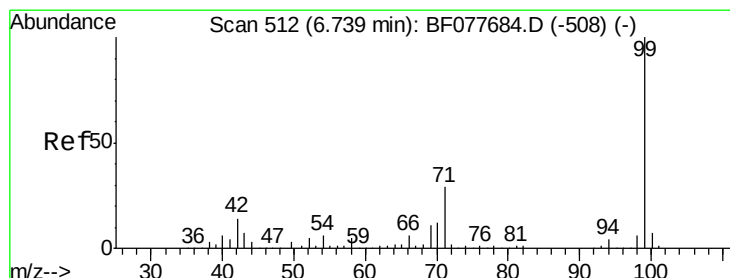
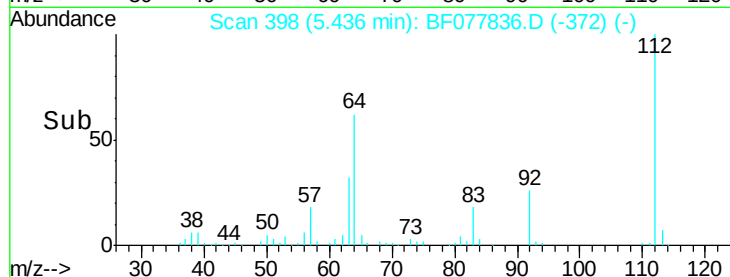
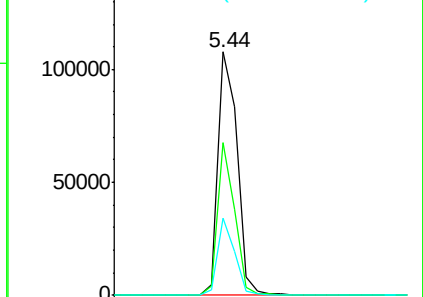
63 31.5 19.3 28.9#



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: 42.15 ng

RT: 6.73 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF077836.D

Acq: 19 Mar 2015 17:50

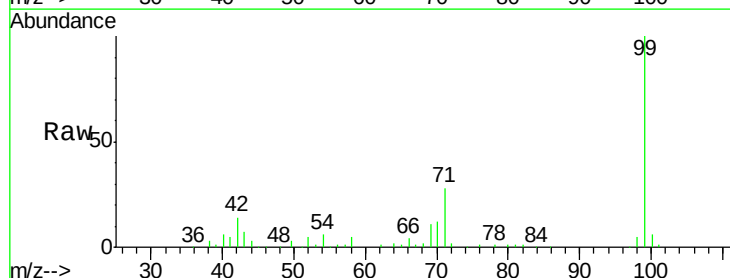
Tgt Ion: 99 Resp: 113250

Ion Ratio Lower Upper

99 100

42 14.0 11.0 16.4

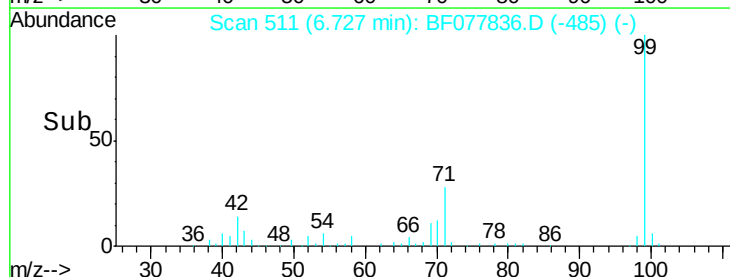
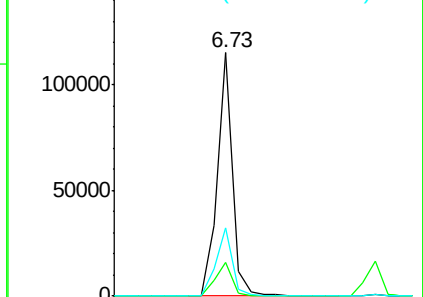
71 28.2 23.4 35.2

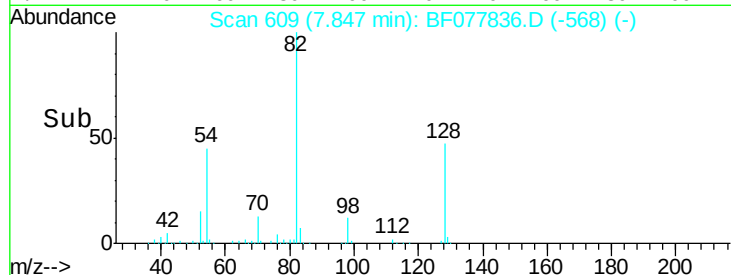
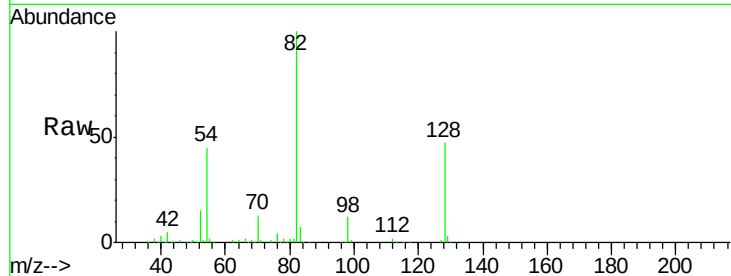
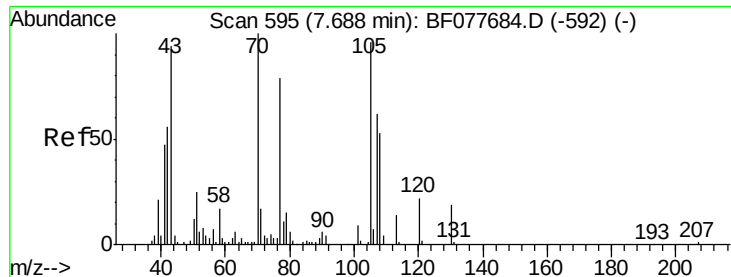


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

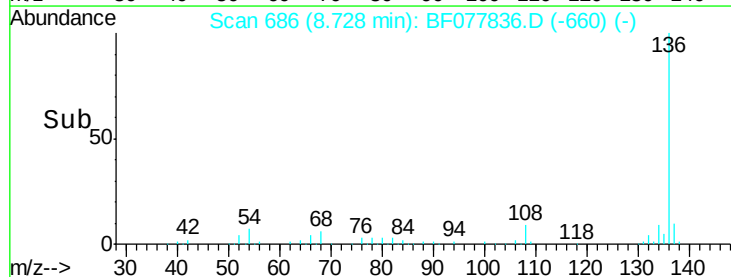
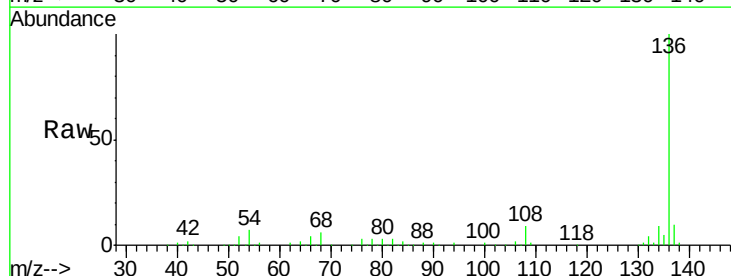
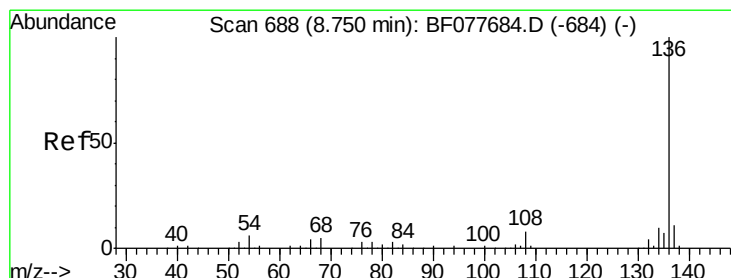
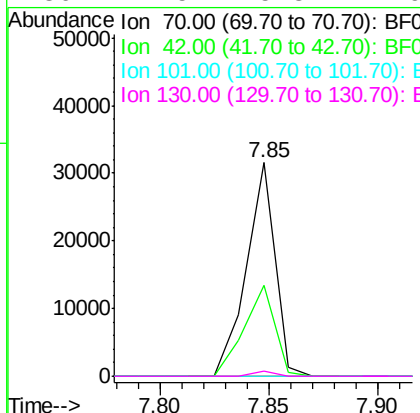




#19
n-Nitroso-di-n-propylamine
Concen: 15.46 ng
RT: 7.85 min Scan# 609
Delta R.T. 0.17 min
Lab File: BF077836.D
Acq: 19 Mar 2015 17:50

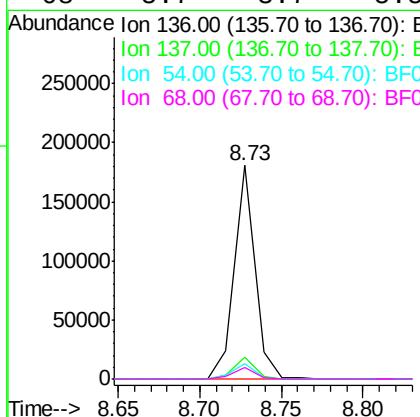
Instrument :
BNA_F
ClientSampleId :
URSMW-09

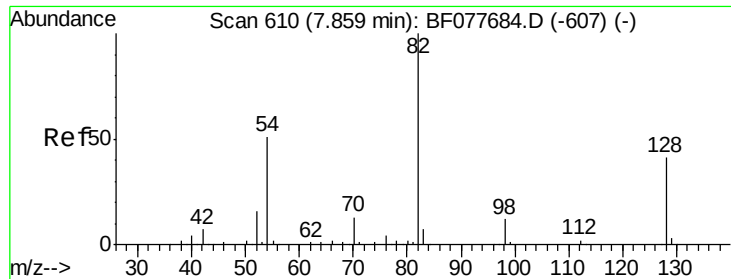
Tgt Ion: 70 Resp: 28746
Ion Ratio Lower Upper
70 100
42 42.7 44.5 66.7#
101 0.0 7.4 11.2#
130 2.5 15.3 22.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.73 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF077836.D
Acq: 19 Mar 2015 17:50

Tgt Ion: 136 Resp: 156601
Ion Ratio Lower Upper
136 100
137 10.3 8.7 13.1
54 7.1 4.6 6.8#
68 5.7 3.7 5.5#

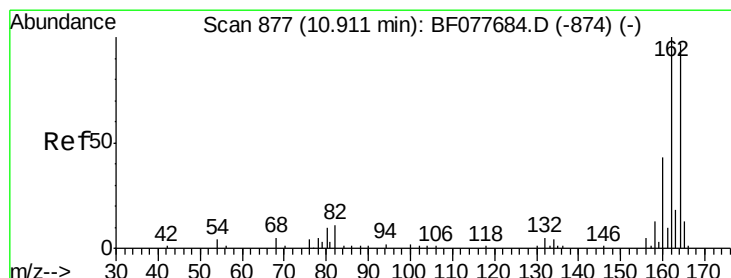
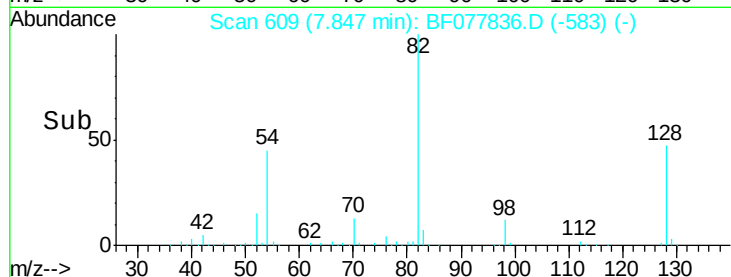
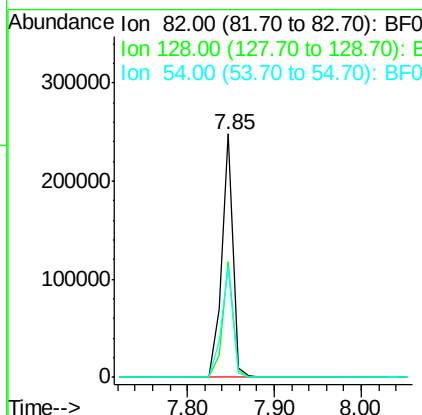
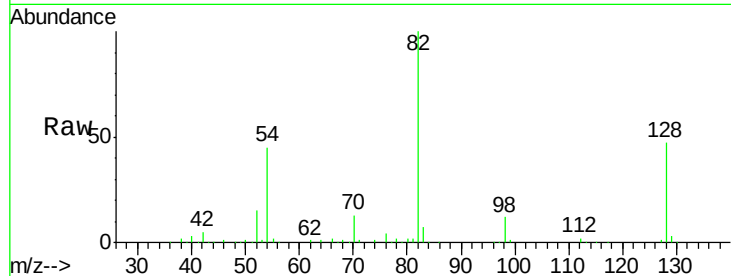




#23
 Nitrobenzene-d5
 Concen: 95.67 ng
 RT: 7.85 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF077836.D
 Acq: 19 Mar 2015 17:50

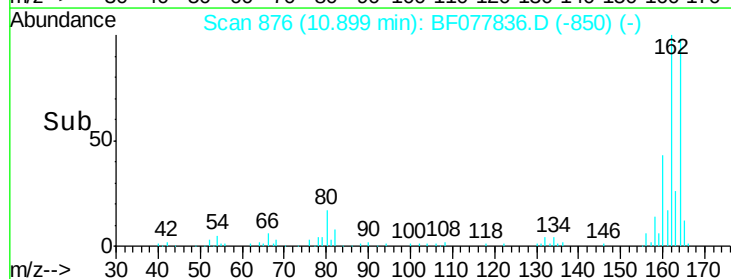
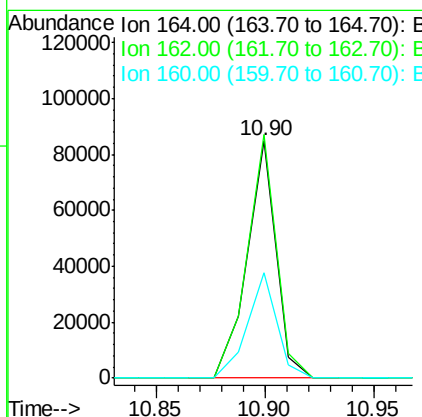
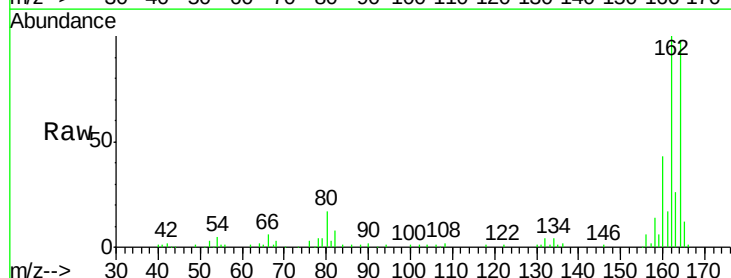
Instrument :
 BNA_F
 ClientSampleId :
 URSMW-09

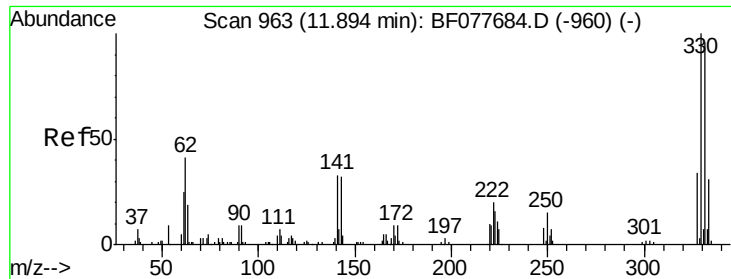
Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.5	32.8	49.2
54	45.3	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.90 min Scan# 876
 Delta R.T. 0.00 min
 Lab File: BF077836.D
 Acq: 19 Mar 2015 17:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.4	123.6
160	44.6	35.8	53.6

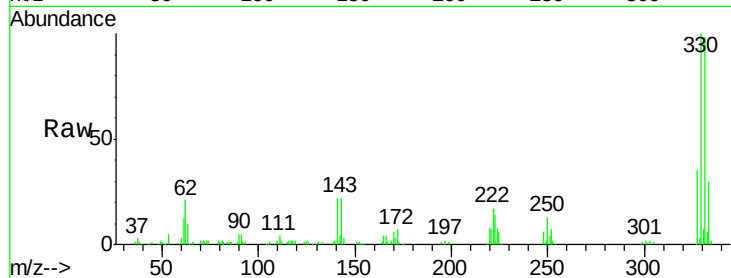




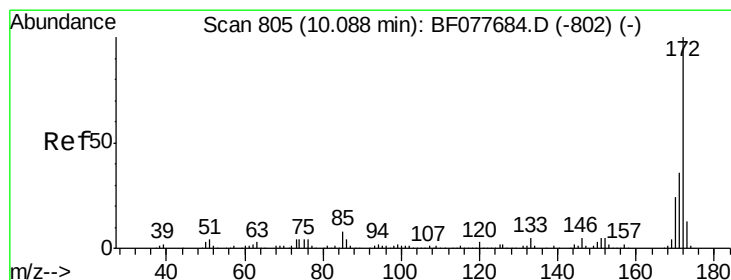
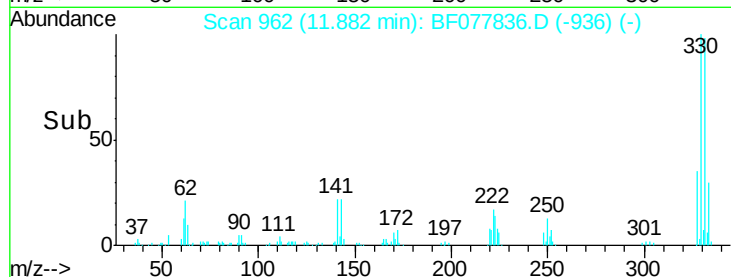
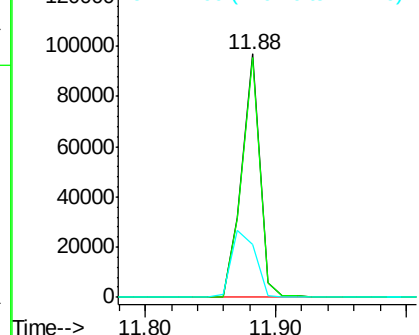
#41
 2,4,6-Tribromophenol
 Concen: 124.57 ng
 RT: 11.88 min Scan# 962
 Delta R.T. 0.00 min
 Lab File: BF077836.D
 Acq: 19 Mar 2015 17:50

Instrument :
 BNA_F
 ClientSampleId :
 URSMW-09

Tgt Ion:330 Resp: 93629
 Ion Ratio Lower Upper
 330 100
 332 99.0 0.0 0.0#
 141 36.9 0.0 0.0#

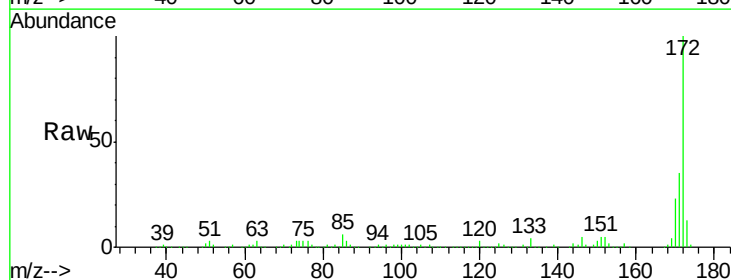


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

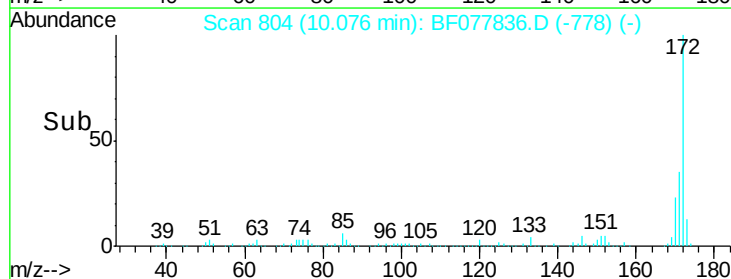
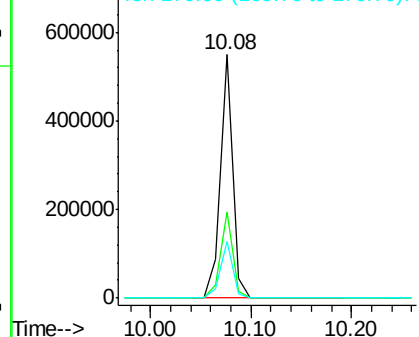


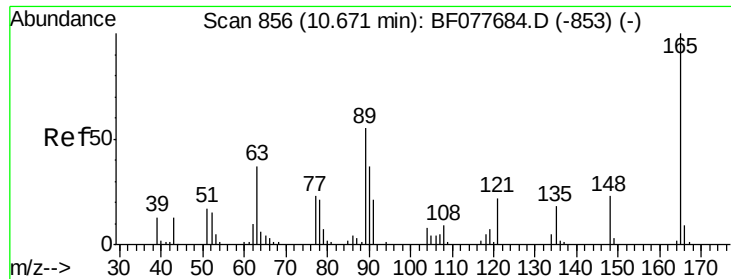
#44
 2-Fluorobiphenyl
 Concen: 87.94 ng
 RT: 10.08 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF077836.D
 Acq: 19 Mar 2015 17:50

Tgt Ion:172 Resp: 470089
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.5 42.7
 170 23.2 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

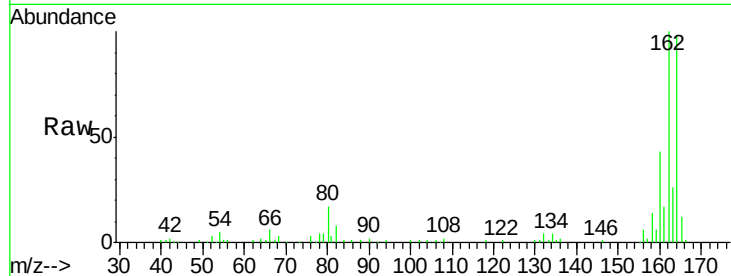




#50
 2,6-Dinitrotoluene
 Concen: 8.15 ng
 RT: 10.90 min Scan# 876
 Delta R.T. 0.24 min
 Lab File: BF077836.D
 Acq: 19 Mar 2015 17:50

Instrument :
 BNA_F
 ClientSampleId :
 URSMW-09

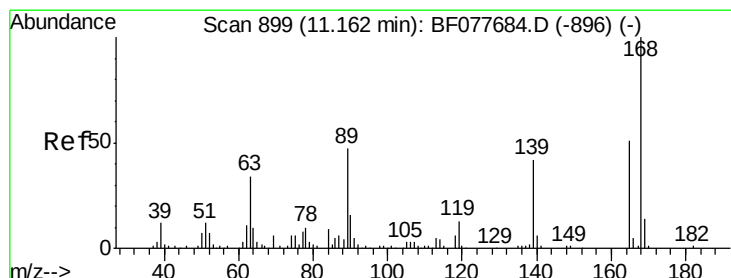
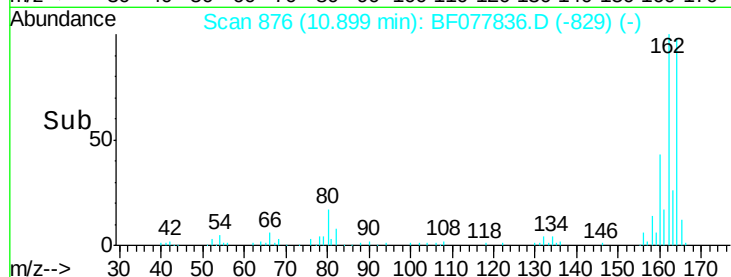
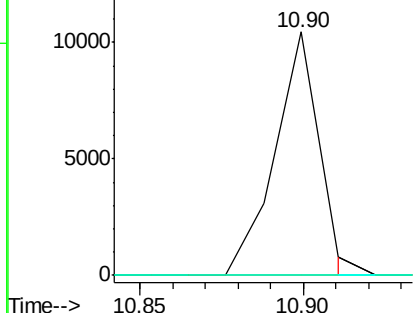
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.1	66.1#
89	0.0	44.3	66.5#



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: 4.90 ng
 RT: 10.90 min Scan# 876
 Delta R.T. -0.26 min
 Lab File: BF077836.D
 Acq: 19 Mar 2015 17:50

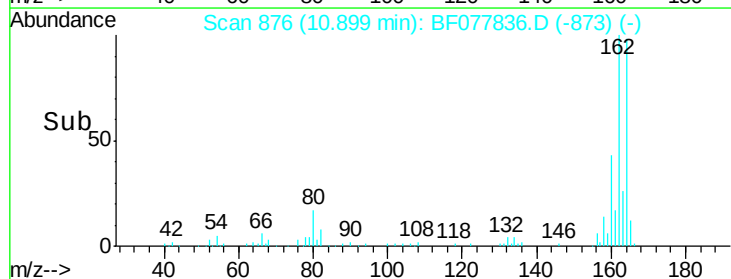
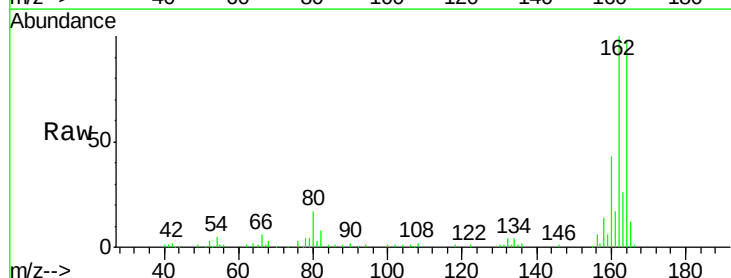
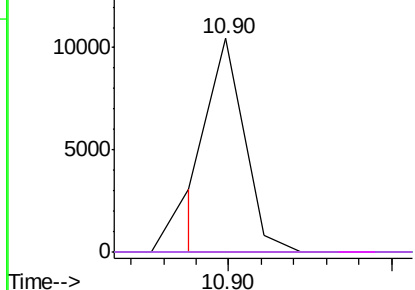
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.4	78.6#
89	0.0	72.4	108.6#
182	0.0	2.0	3.0#

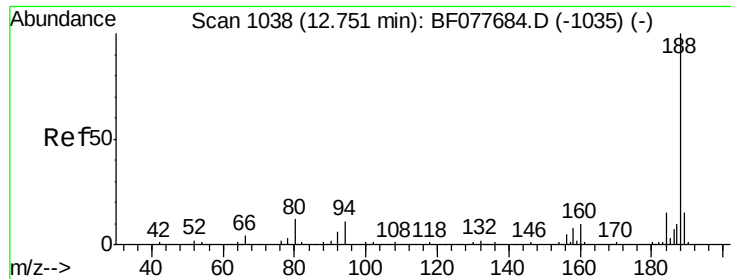
Abundance Ion 165.00 (164.70 to 165.70): E

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

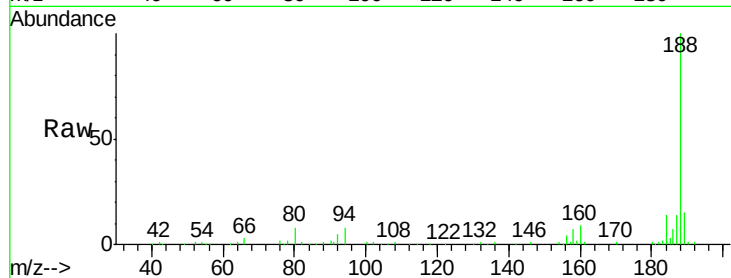




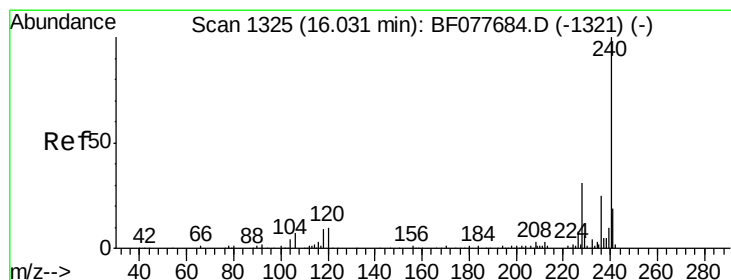
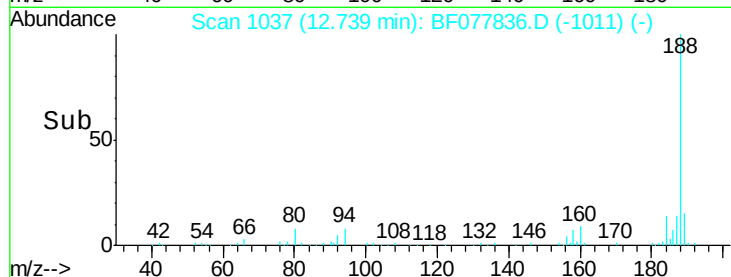
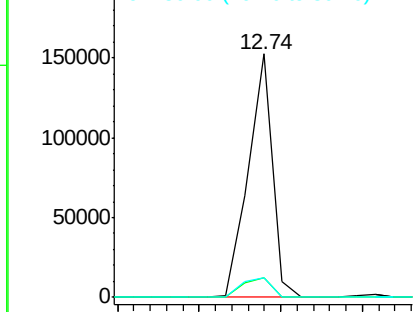
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.74 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF077836.D
Acq: 19 Mar 2015 17:50

Instrument :
BNA_F
ClientSampleId :
URSMW-09

Tgt Ion:188 Resp: 156491
Ion Ratio Lower Upper
188 100
94 7.9 8.7 13.1#
80 8.0 9.3 13.9#

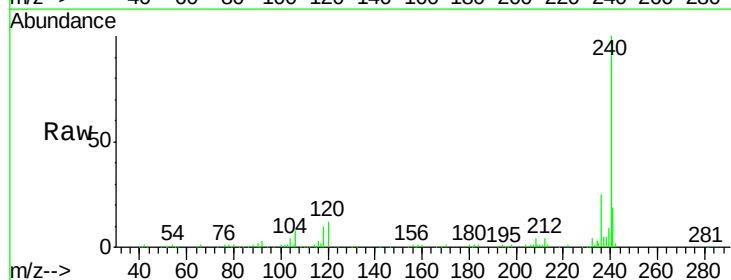


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

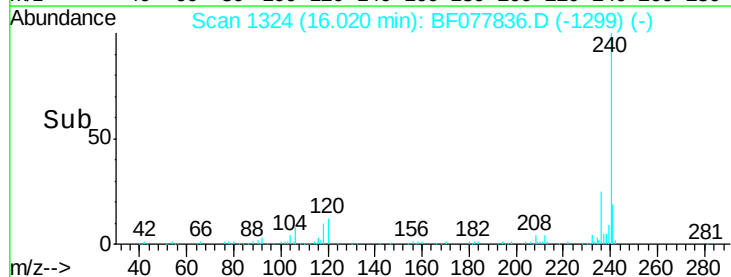
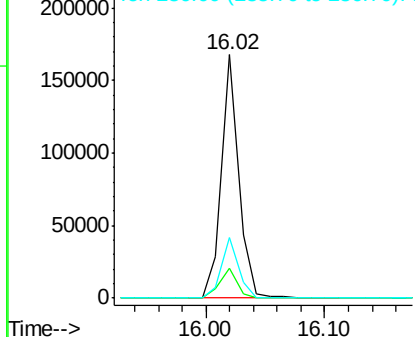


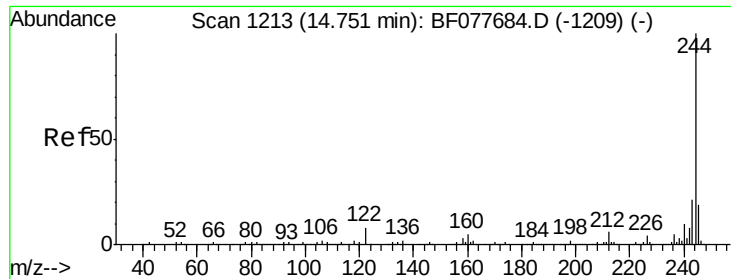
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.02 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF077836.D
Acq: 19 Mar 2015 17:50

Tgt Ion:240 Resp: 168456
Ion Ratio Lower Upper
240 100
120 12.0 8.2 12.2
236 24.7 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

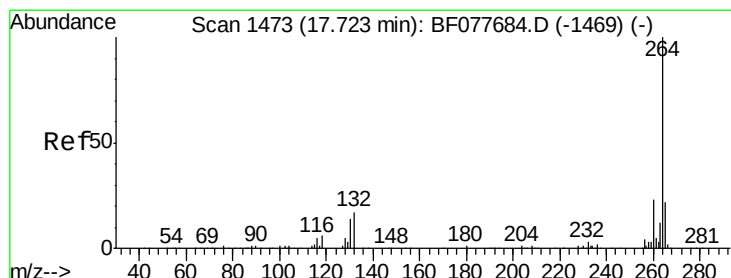
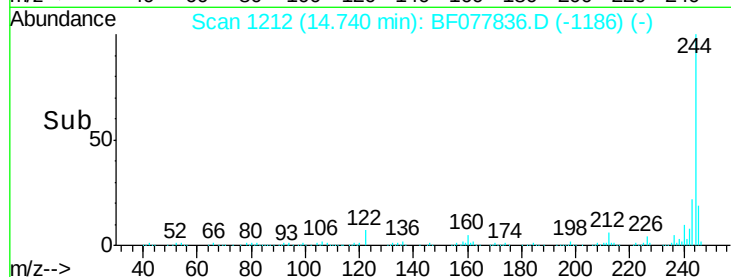
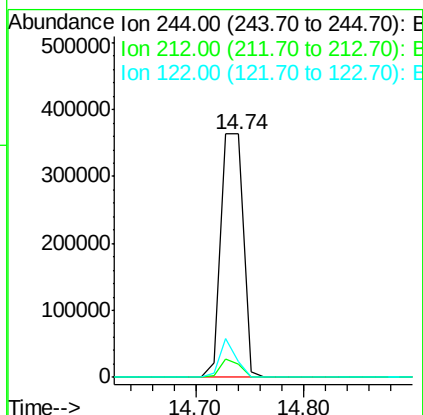
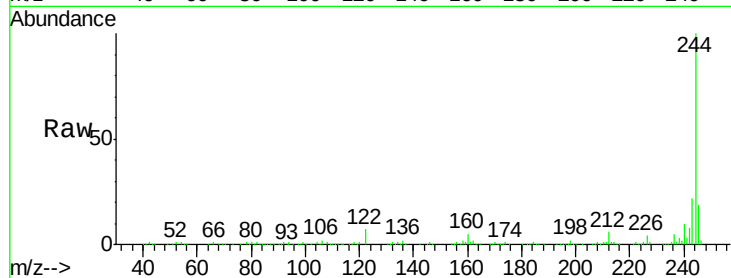




#78
 Terphenyl-d14
 Concen: 75.55 ng
 RT: 14.74 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF077836.D
 Acq: 19 Mar 2015 17:50

Instrument :
 BNA_F
 ClientSampleId :
 URSMW-09

Tgt Ion: 244 Resp: 521041
 Ion Ratio Lower Upper
 244 100
 212 5.6 4.9 7.3
 122 6.7 6.2 9.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.77 min Scan# 1477
 Delta R.T. -0.02 min
 Lab File: BF077836.D
 Acq: 19 Mar 2015 17:50

Tgt Ion: 264 Resp: 170306
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.6 27.8
 265 20.9 17.3 25.9

