

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032515\
 Data File : BF077981.D
 Acq On : 26 Mar 2015 6:54
 Operator : TP/IZ
 Sample : G1643-12
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-11-3-23-15

Quant Time: Mar 26 06:48:18 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 26 00:45:24 2015
 Response via : Initial Calibration

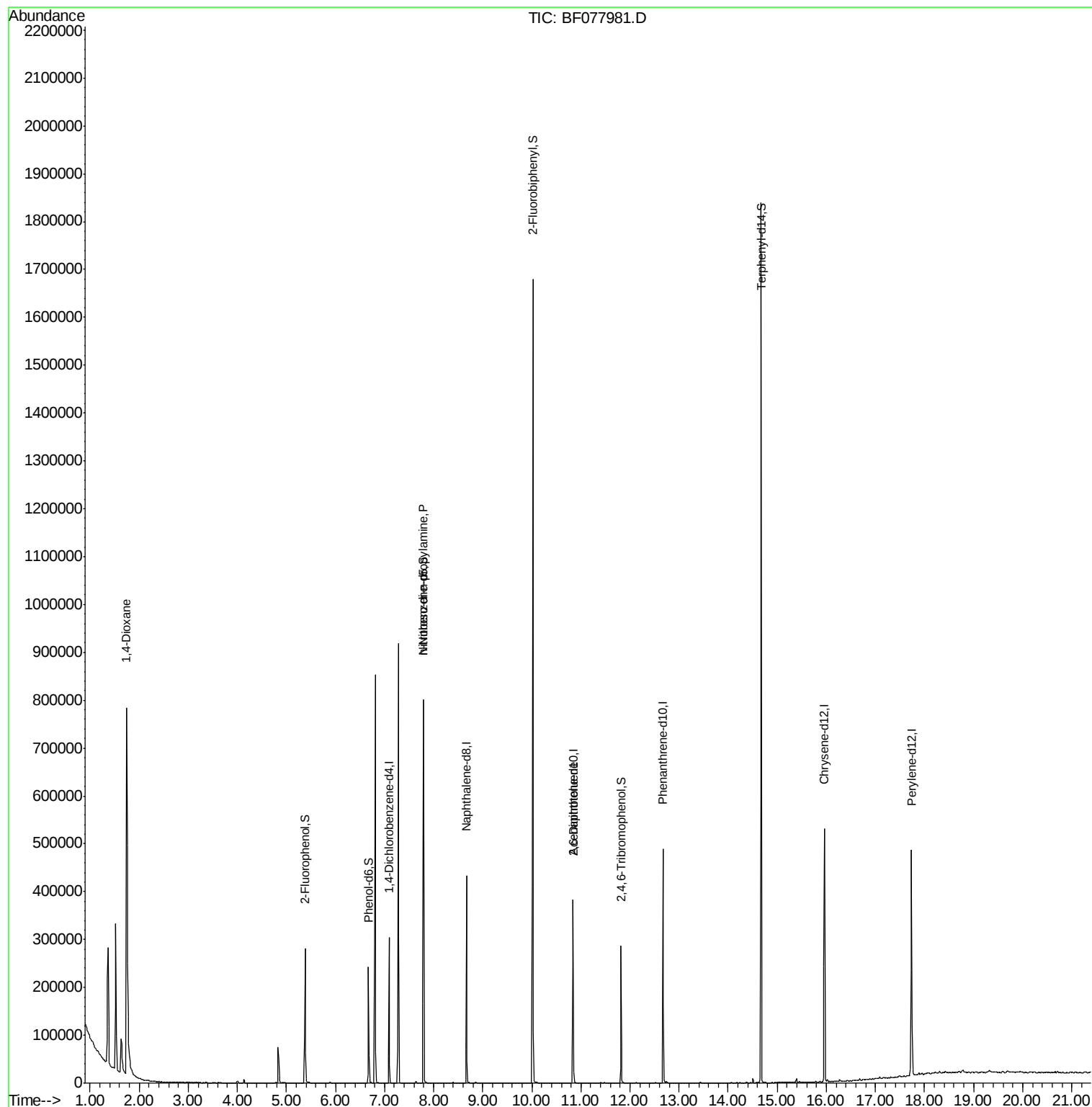
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	47898	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	197717	20.00	ng	0.00
38) Acenaphthene-d10	10.84	164	100436	20.00	ng	0.00
63) Phenanthrene-d10	12.67	188	201358	20.00	ng	-0.01
75) Chrysene-d12	15.96	240	226268	20.00	ng	-0.01
86) Perylene-d12	17.73	264	215015	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	99331	36.20	ng	0.00
7) Phenol-d6	6.67	99	88670	26.15	ng	0.00
23) Nitrobenzene-d5	7.79	82	251879	83.51	ng	0.00
41) 2,4,6-Tribromophenol	11.81	330	33953	35.33	ng	-0.01
44) 2-Fluorobiphenyl	10.02	172	540053	79.02	ng	0.00
78) Terphenyl-d14	14.67	244	657987	71.03	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.74	88	35032	28.12	ng	# 100
19) n-Nitroso-di-n-propylamine	7.79	70	32200	13.73	ng	# 77
50) 2,6-Dinitrotoluene	10.84	165	12260	7.94	ng	# 24
76) Benzidine	14.36	184	2271	Below Cal		# 68

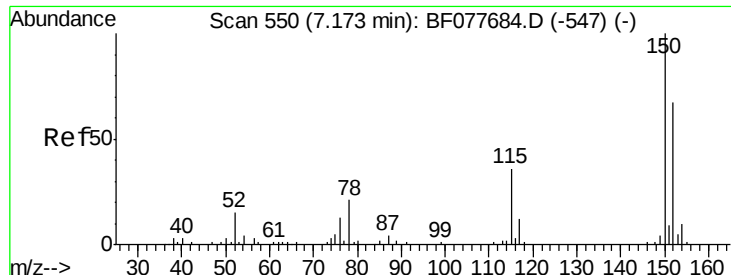
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032515\
Data File : BF077981.D
Acq On : 26 Mar 2015 6:54
Operator : TP/IZ
Sample : G1643-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-11-3-23-15

Quant Time: Mar 26 06:48:18 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 26 00:45:24 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.09 min Scan# 543

Delta R.T. 0.00 min

Lab File: BF077981.D

Acq: 26 Mar 2015 6:54

Instrument :

BNA_F

ClientSampleId :

MW-11-3-23-15

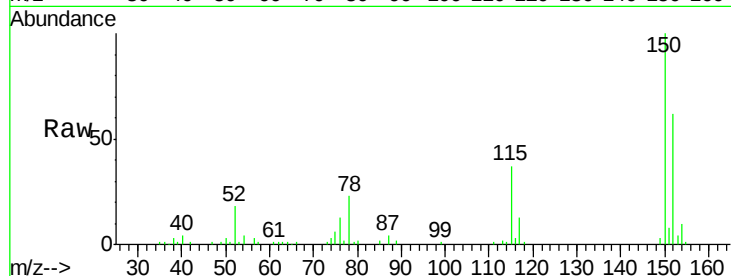
Tgt Ion:152 Resp: 47898

Ion Ratio Lower Upper

152 100

150 160.7 119.5 179.3

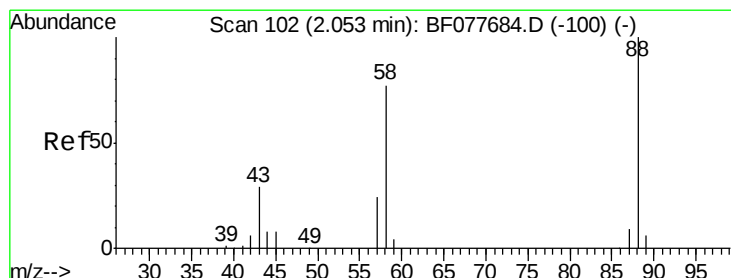
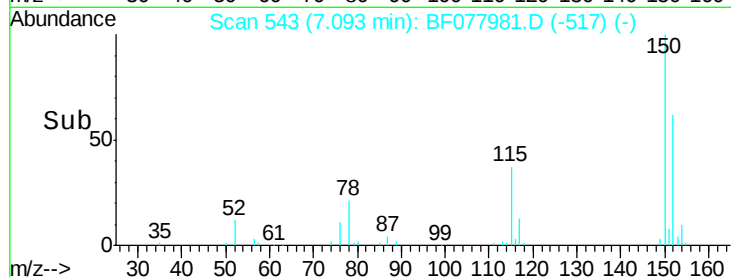
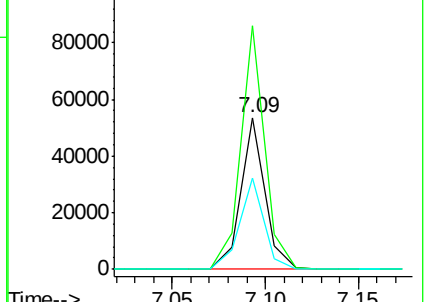
115 60.0 43.0 64.4



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: 28.12 ng

RT: 1.74 min Scan# 75

Delta R.T. -0.19 min

Lab File: BF077981.D

Acq: 26 Mar 2015 6:54

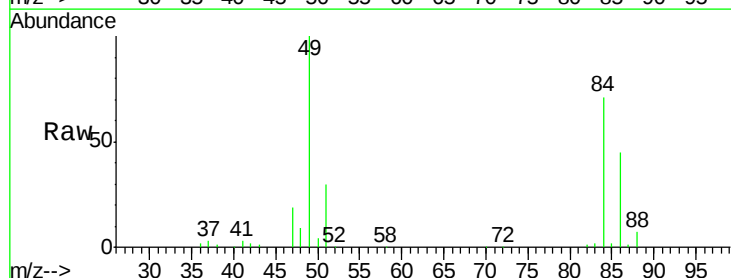
Tgt Ion: 88 Resp: 35032

Ion Ratio Lower Upper

88 100

58 0.0 0.0 0.0

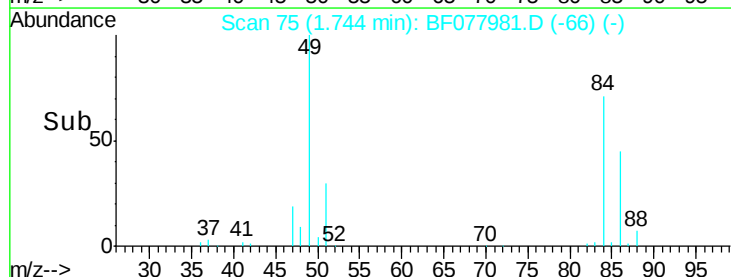
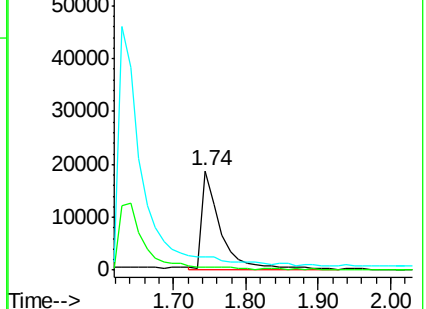
43 0.0 0.0 0.0

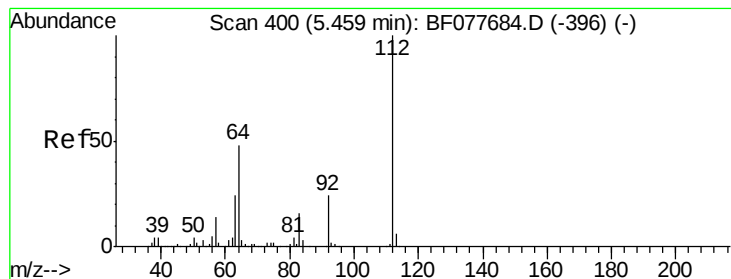


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 36.20 ng

RT: 5.38 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF077981.D

Acq: 26 Mar 2015 6:54

Instrument :

BNA_F

ClientSampleId :

MW-11-3-23-15

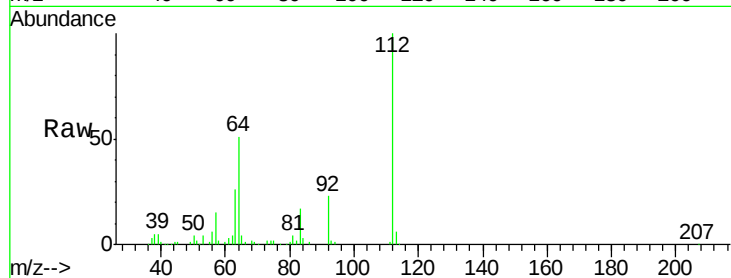
Tgt Ion: 112 Resp: 99331

Ion Ratio Lower Upper

112 100

64 50.9 38.6 57.8

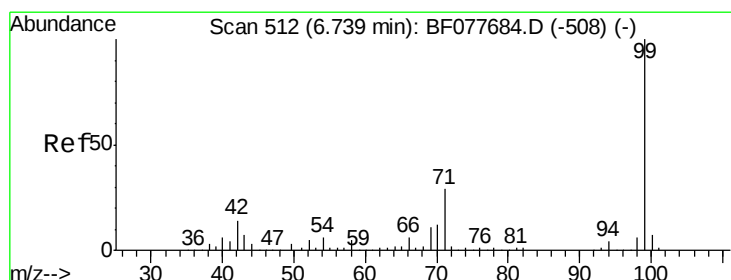
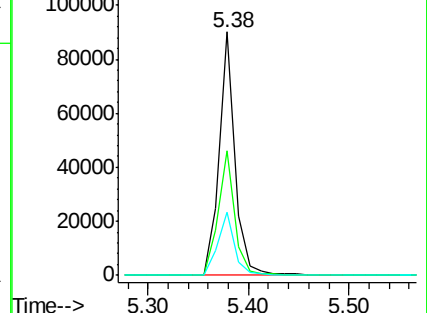
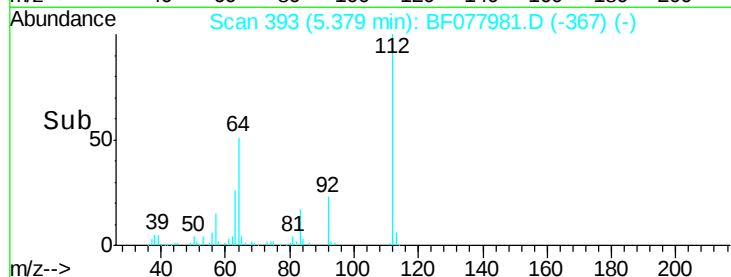
63 25.9 19.3 28.9



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 26.15 ng

RT: 6.67 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF077981.D

Acq: 26 Mar 2015 6:54

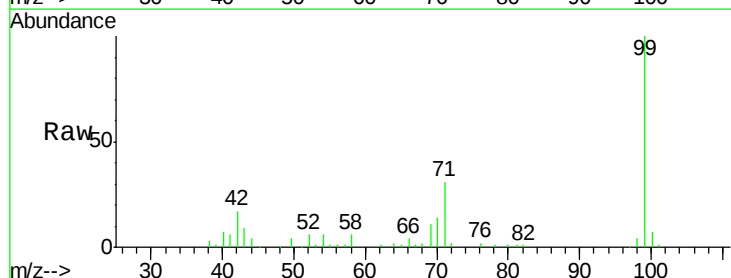
Tgt Ion: 99 Resp: 88670

Ion Ratio Lower Upper

99 100

42 17.1 11.0 16.4#

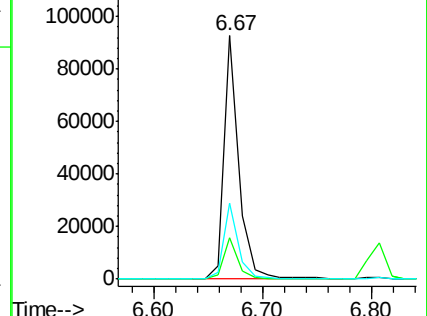
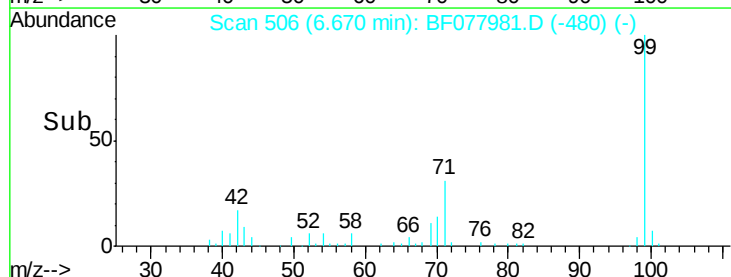
71 31.4 23.4 35.2

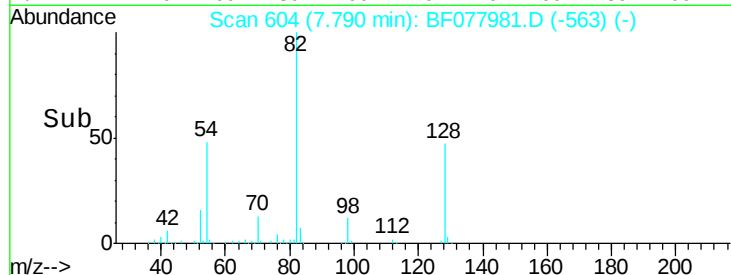
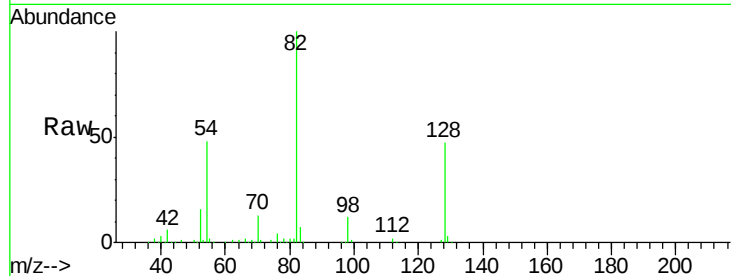
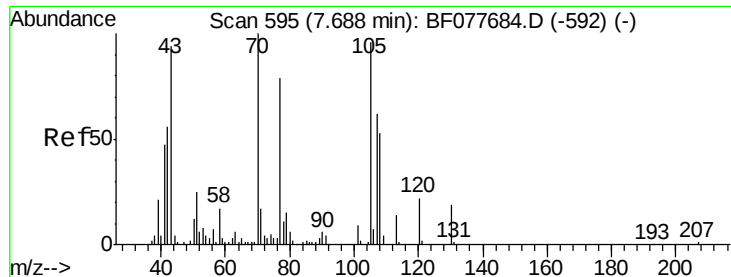


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

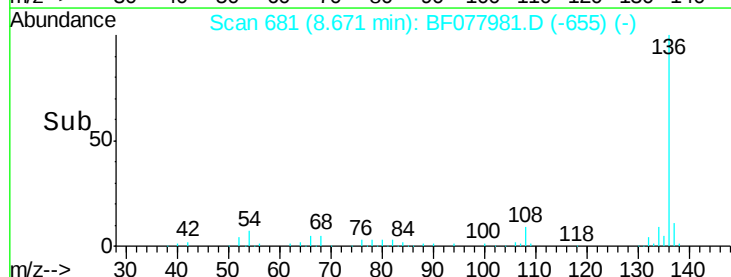
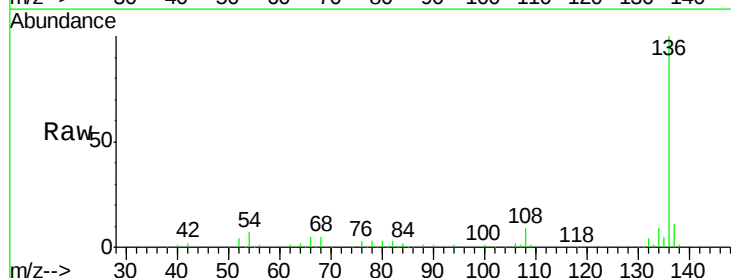
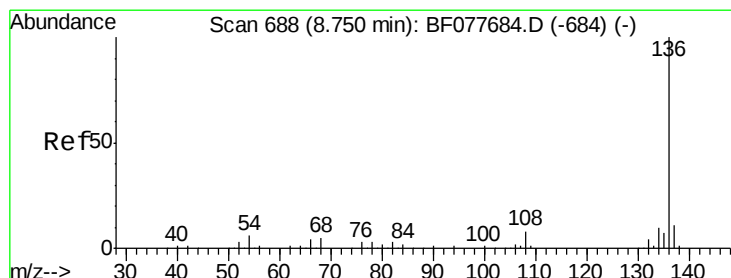
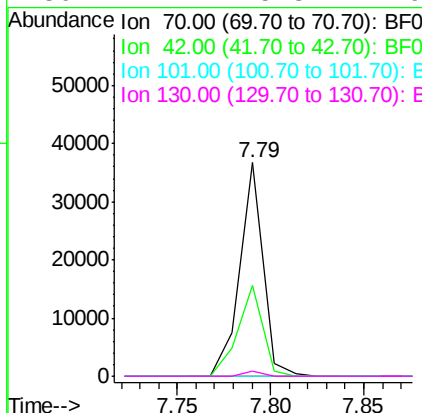




#19
n-Nitroso-di-n-propylamine
Concen: 13.73 ng
RT: 7.79 min Scan# 604
Delta R.T. 0.17 min
Lab File: BF077981.D
Acq: 26 Mar 2015 6:54

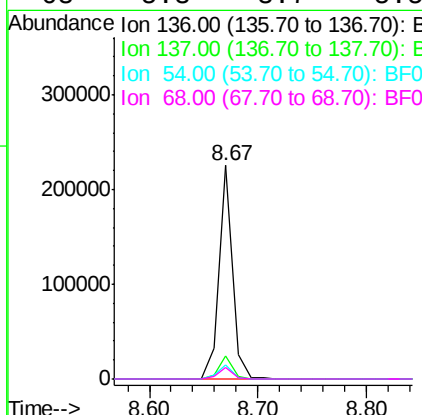
Instrument :
BNA_F
ClientSampleId :
MW-11-3-23-15

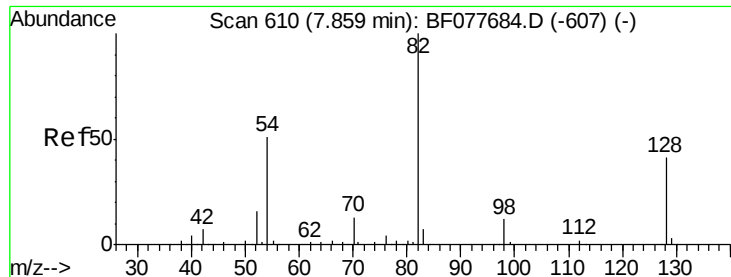
Tgt Ion: 70 Resp: 32200
Ion Ratio Lower Upper
70 100
42 42.5 44.5 66.7#
101 0.0 7.4 11.2#
130 2.4 15.3 22.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.67 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF077981.D
Acq: 26 Mar 2015 6:54

Tgt Ion: 136 Resp: 197717
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 6.7 4.6 6.8
68 5.3 3.7 5.5

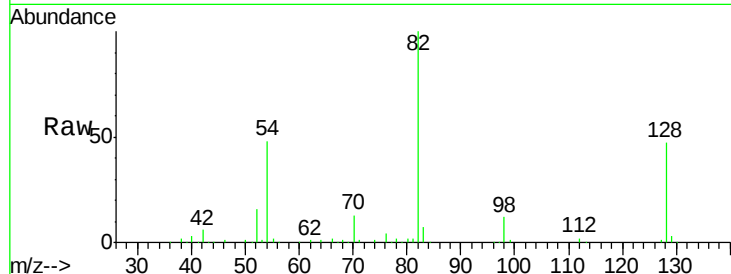




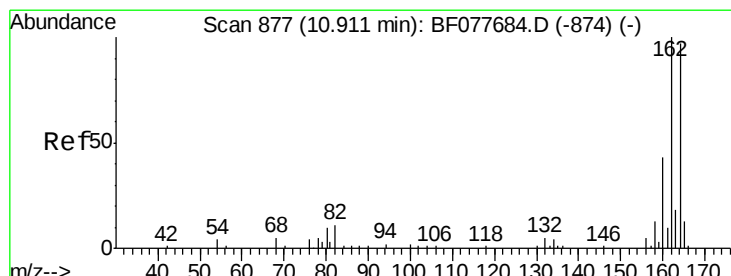
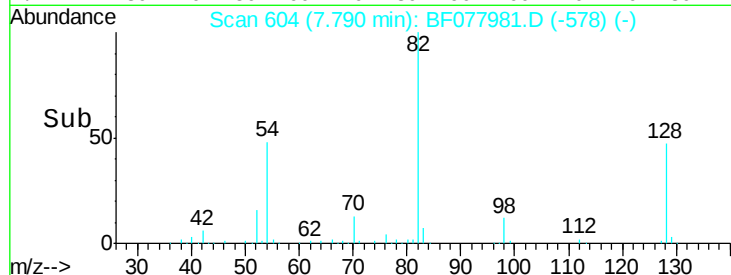
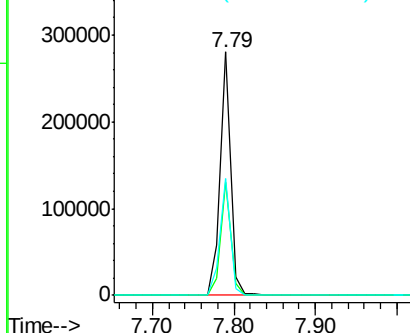
#23
 Nitrobenzene-d5
 Concen: 83.51 ng
 RT: 7.79 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: BF077981.D
 Acq: 26 Mar 2015 6:54

Instrument :
 BNA_F
 ClientSampleId :
 MW-11-3-23-15

Tgt Ion: 82 Resp: 251879
 Ion Ratio Lower Upper
 82 100
 128 46.5 32.8 49.2
 54 48.1 40.6 60.8

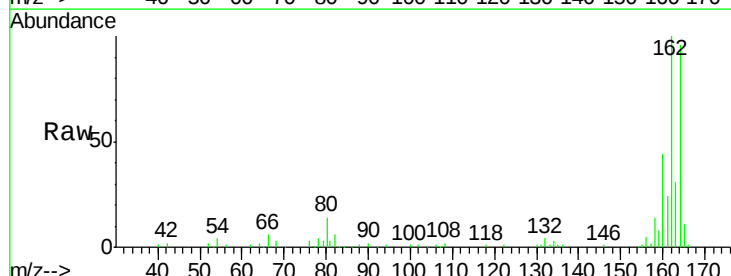


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

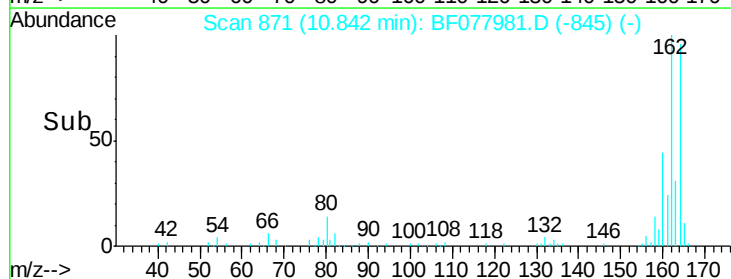
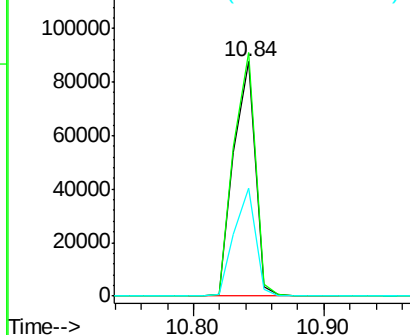


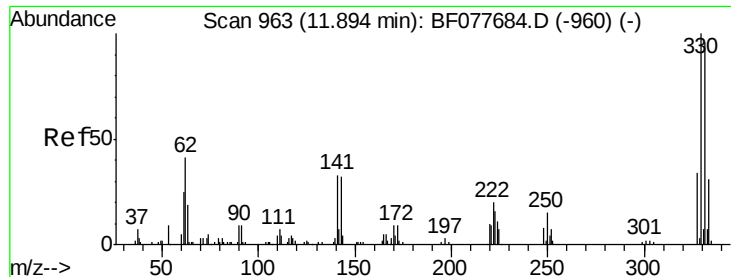
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.84 min Scan# 871
 Delta R.T. 0.00 min
 Lab File: BF077981.D
 Acq: 26 Mar 2015 6:54

Tgt Ion: 164 Resp: 100436
 Ion Ratio Lower Upper
 164 100
 162 103.9 82.4 123.6
 160 45.9 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

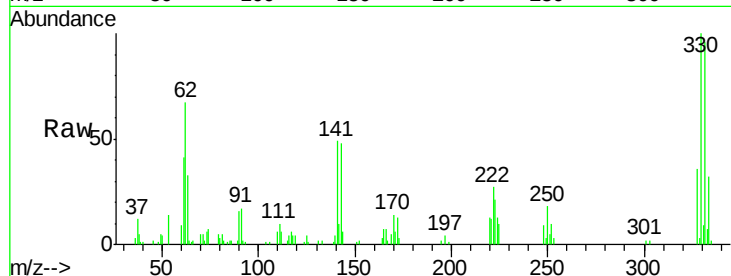




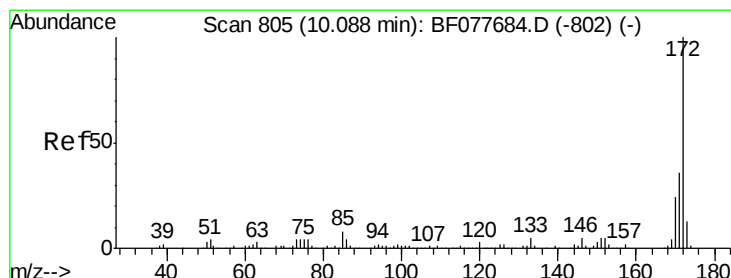
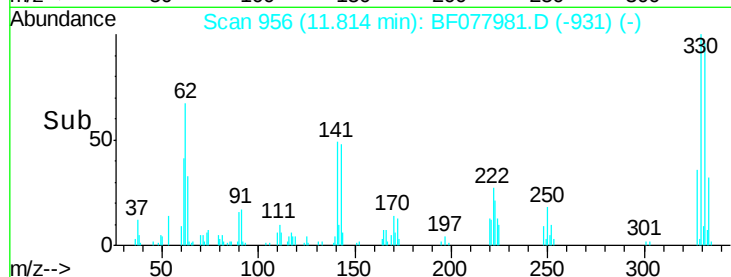
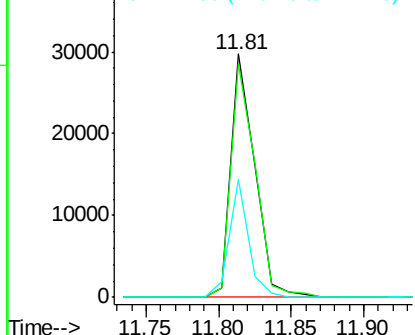
#41
 2,4,6-Tribromophenol
 Concen: 35.33 ng
 RT: 11.81 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF077981.D
 Acq: 26 Mar 2015 6:54

Instrument :
 BNA_F
 ClientSampleId :
 MW-11-3-23-15

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.1	0.0	0.0#
141	39.2	0.0	0.0#

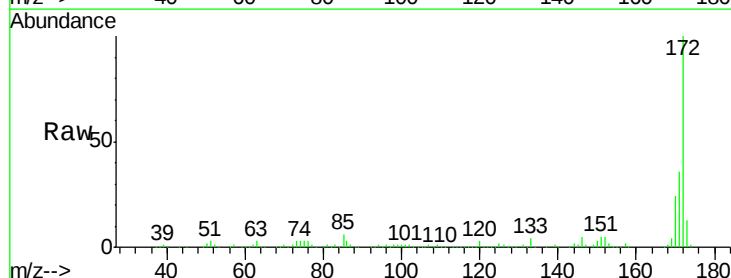


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

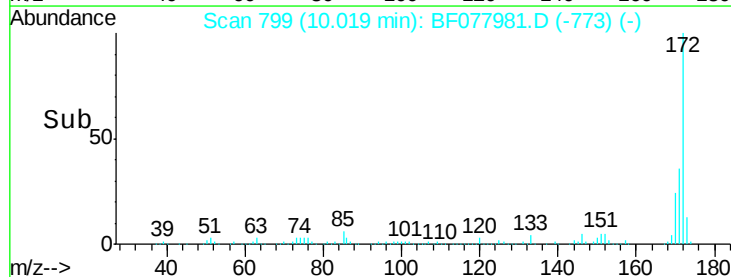
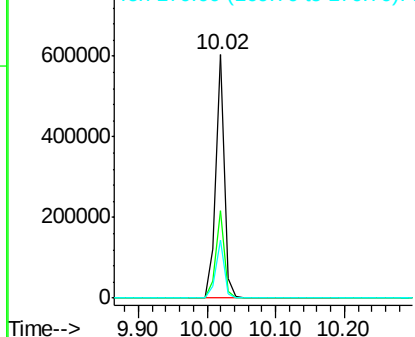


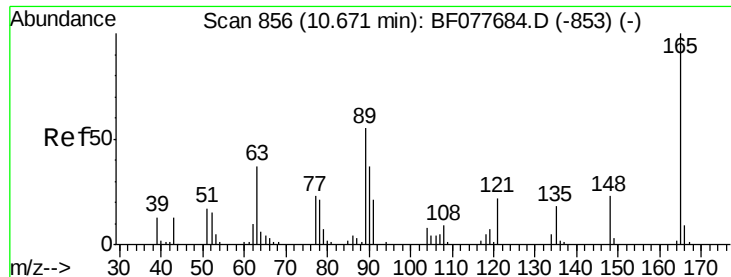
#44
 2-Fluorobiphenyl
 Concen: 79.02 ng
 RT: 10.02 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF077981.D
 Acq: 26 Mar 2015 6:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.5	42.7
170	23.9	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

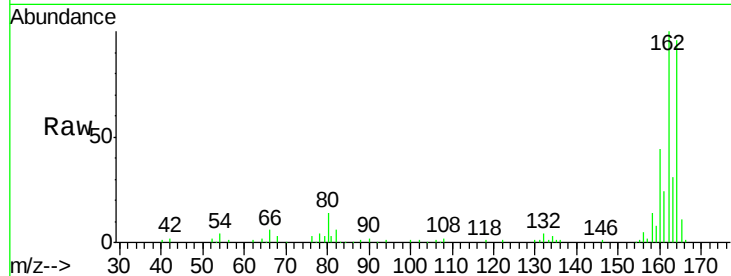




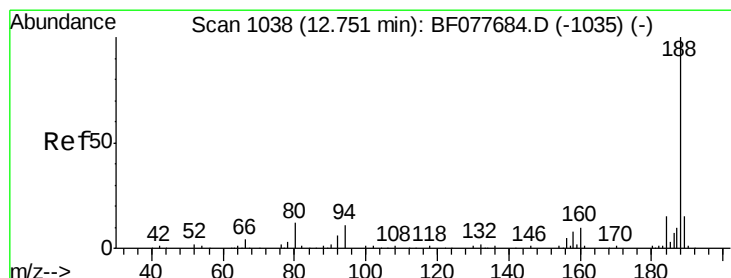
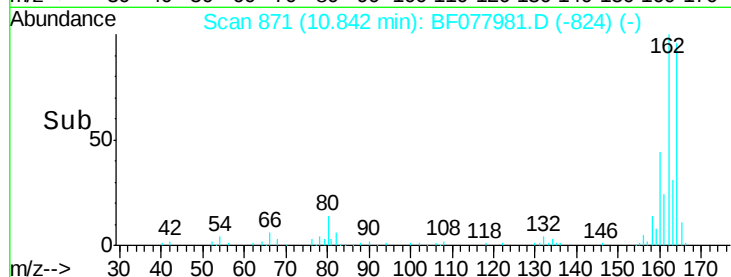
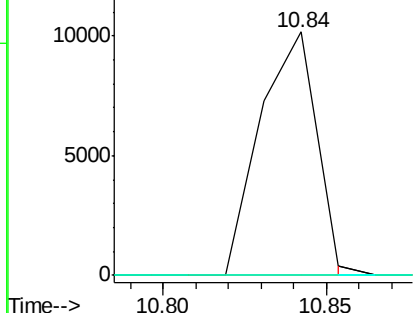
#50
 2,6-Dinitrotoluene
 Concen: 7.94 ng
 RT: 10.84 min Scan# 871
 Delta R.T. 0.24 min
 Lab File: BF077981.D
 Acq: 26 Mar 2015 6:54

Instrument :
 BNA_F
 ClientSampleId :
 MW-11-3-23-15

Tgt Ion:165 Resp: 12260
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.1 66.1#
 89 0.0 44.3 66.5#

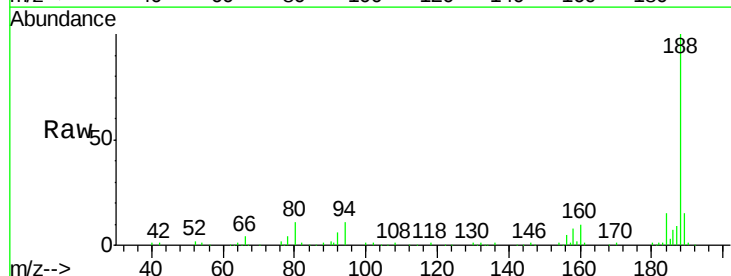


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

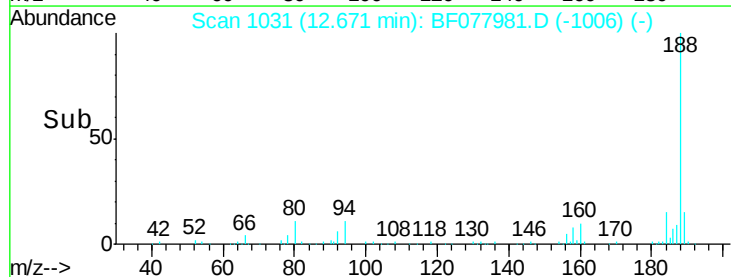
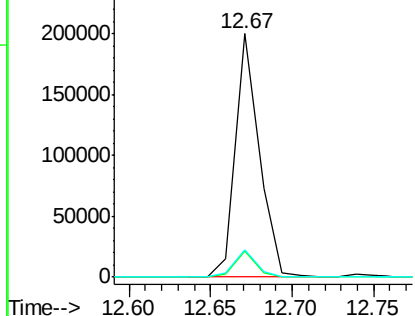


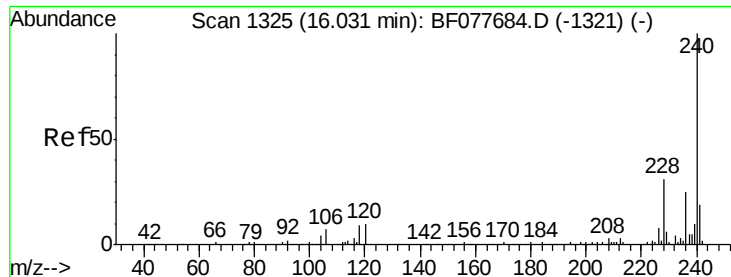
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.67 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BF077981.D
 Acq: 26 Mar 2015 6:54

Tgt Ion:188 Resp: 201358
 Ion Ratio Lower Upper
 188 100
 94 10.7 8.7 13.1
 80 11.4 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

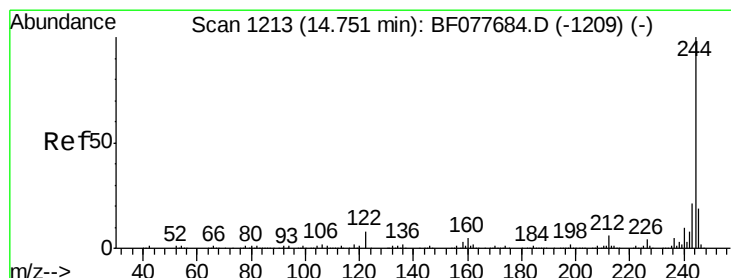
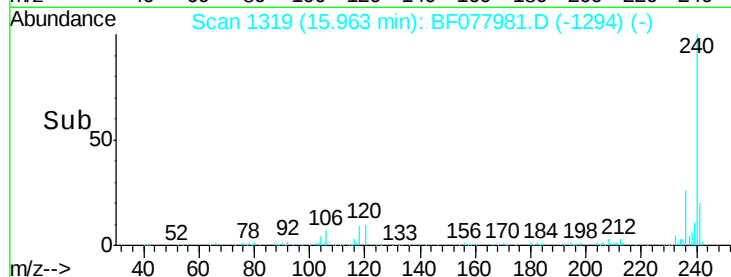
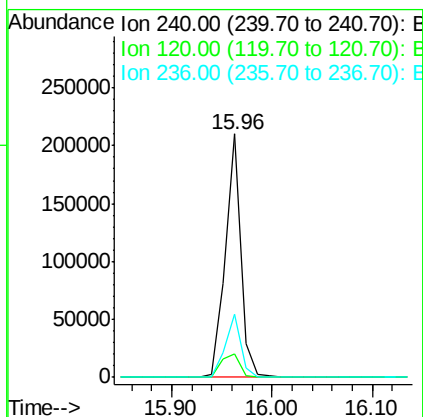
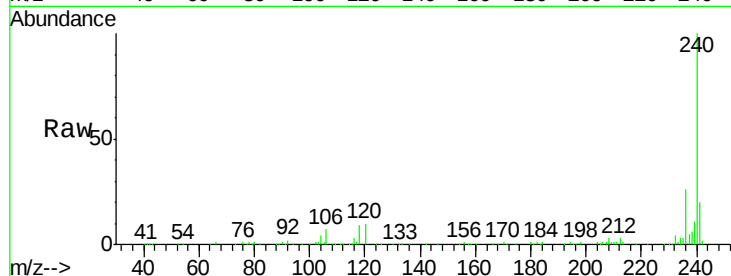




#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.96 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF077981.D
Acq: 26 Mar 2015 6:54

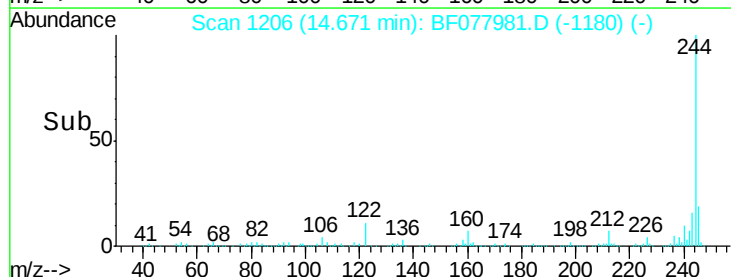
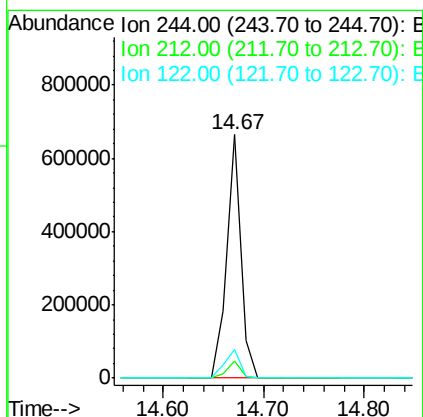
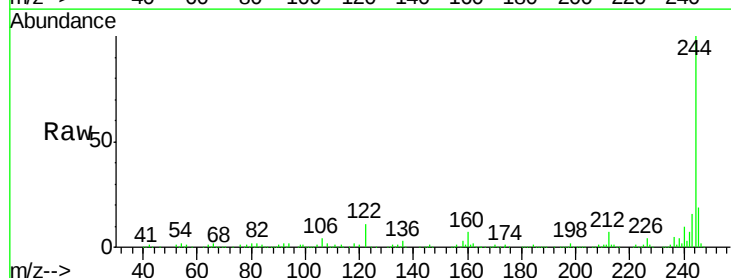
Instrument :
BNA_F
ClientSampleId :
MW-11-3-23-15

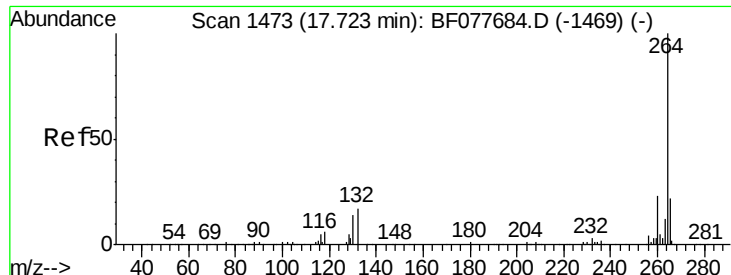
Tgt Ion: 240 Resp: 226268
Ion Ratio Lower Upper
240 100
120 9.9 8.2 12.2
236 25.8 20.0 30.0



#78
Terphenyl-d14
Concen: 71.03 ng
RT: 14.67 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BF077981.D
Acq: 26 Mar 2015 6:54

Tgt Ion: 244 Resp: 657987
Ion Ratio Lower Upper
244 100
212 6.8 4.9 7.3
122 11.5 6.2 9.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 17.73 min Scan# 1474
Delta R.T. -0.01 min
Lab File: BF077981.D
Acq: 26 Mar 2015 6:54

Instrument :
BNA_F
ClientSampleId :
MW-11-3-23-15

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	27.8
265	20.6	17.3	25.9

