

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032015\
 Data File : BF077877.D
 Acq On : 20 Mar 2015 21:51
 Operator : TP/IZ
 Sample : G1575-12
 Misc : W
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-14

Quant Time: Mar 20 23:09:19 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 23:52:05 2015
 Response via : Initial Calibration

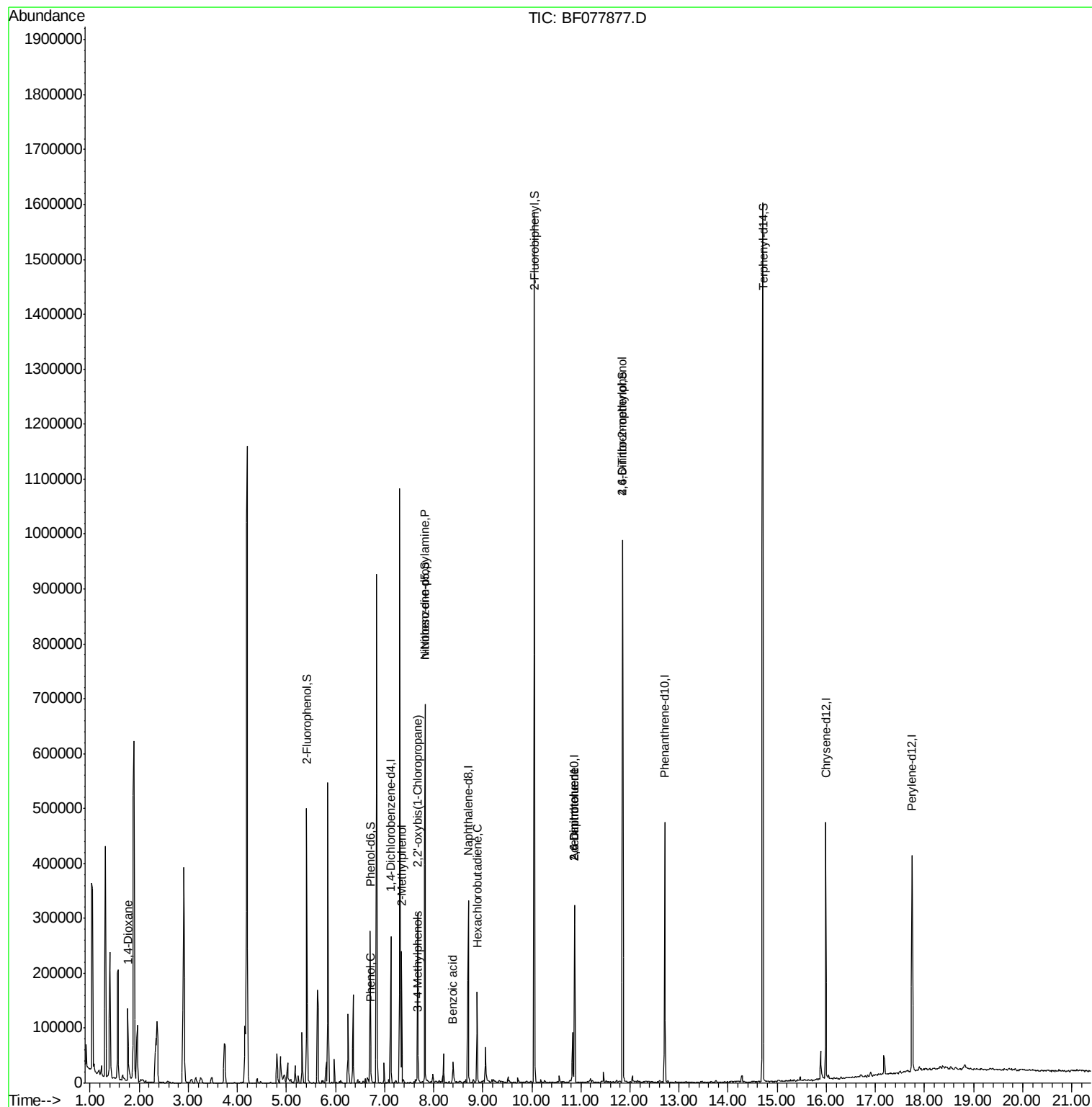
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	45691	20.00	ng	0.00
21) Naphthalene-d8	8.70	136	185494	20.00	ng	0.00
38) Acenaphthene-d10	10.86	164	93454	20.00	ng	-0.01
63) Phenanthrene-d10	12.71	188	179809	20.00	ng	-0.01
75) Chrysene-d12	15.99	240	183587	20.00	ng	-0.02
86) Perylene-d12	17.75	264	180306	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	160741	61.41	ng	0.00
7) Phenol-d6	6.70	99	119801	37.04	ng	0.00
23) Nitrobenzene-d5	7.82	82	265531	93.84	ng	0.00
41) 2,4,6-Tribromophenol	11.85	330	112335	125.63	ng	-0.01
44) 2-Fluorobiphenyl	10.05	172	588938	92.61	ng	0.00
78) Terphenyl-d14	14.71	244	661121	87.96	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.77	88	4579	3.85	ng	Qvalue # 100
10) Phenol	6.72	94	16670	4.36	ng	# 69
16) 2,2'-oxybis(1-Chloropropan	7.68	45	92233	23.90	ng	67
17) 2-Methylphenol	7.34	107	6319	2.49	ng	# 23
19) n-Nitroso-di-n-propylamine	7.82	70	33780	15.10	ng	# 78
20) 3+4-Methylphenols	7.66	107	10574	3.18	ng	87
32) Benzoic acid	8.38	122	2449	4.60	ng	90
34) Hexachlorobutadiene	8.89	225	22836	13.89	ng	97
50) 2,6-Dinitrotoluene	10.86	165	12006	8.36	ng	# 24
56) 2,4-Dinitrotoluene	10.86	165	12003	6.41	ng	# 11
64) 4,6-Dinitro-2-methylphenol	11.85	198	315	4.63	ng	# 1

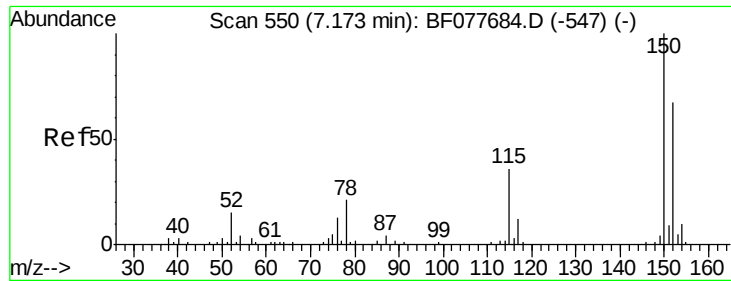
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032015\
Data File : BF077877.D
Acq On : 20 Mar 2015 21:51
Operator : TP/IZ
Sample : G1575-12
Misc : W
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-14

Quant Time: Mar 20 23:09:19 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 23:52:05 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.13 min Scan# 546

Delta R.T. -0.00 min

Lab File: BF077877.D

Acq: 20 Mar 2015 21:51

Instrument :

BNA_F

ClientSampleId :

MW-14

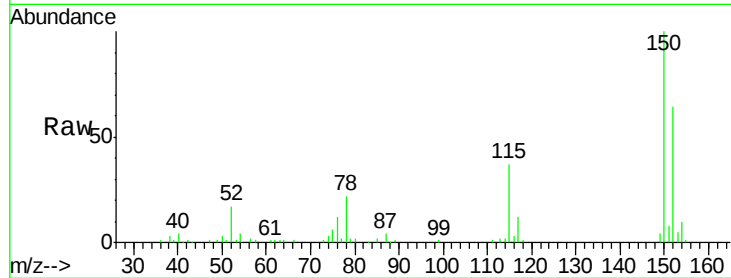
Tgt Ion:152 Resp: 45691

Ion Ratio Lower Upper

152 100

150 155.7 119.5 179.3

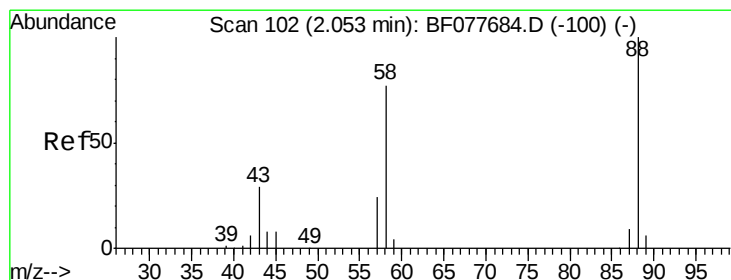
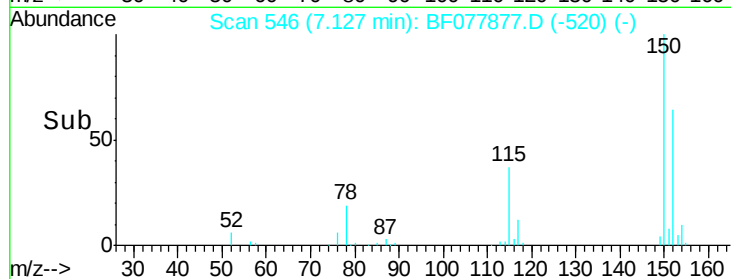
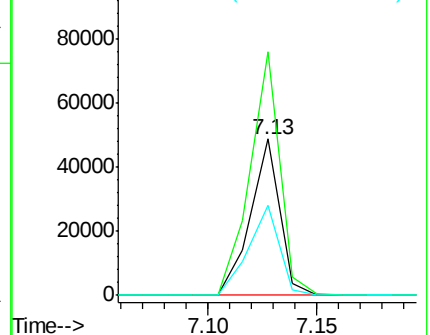
115 57.8 43.0 64.4



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: 3.85 ng

RT: 1.77 min Scan# 77

Delta R.T. -0.23 min

Lab File: BF077877.D

Acq: 20 Mar 2015 21:51

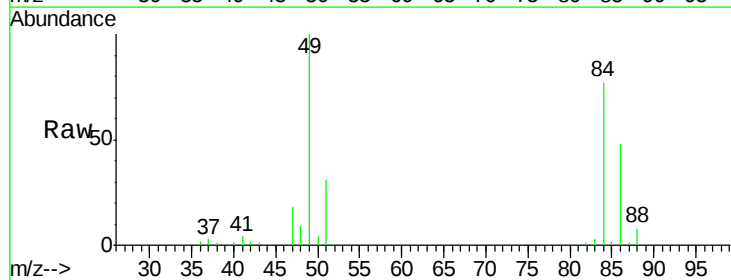
Tgt Ion: 88 Resp: 4579

Ion Ratio Lower Upper

88 100

58 0.0 0.0 0.0

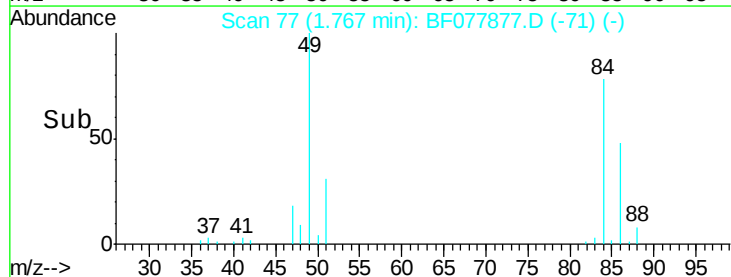
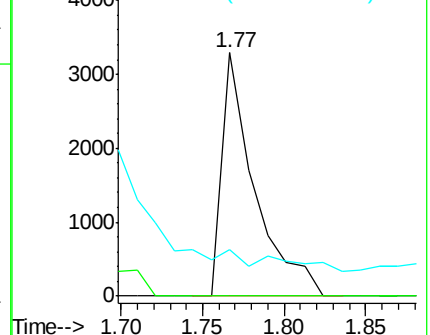
43 0.0 0.0 0.0

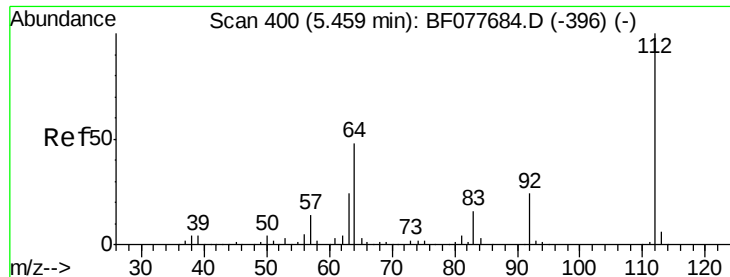


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 61.41 ng

RT: 5.41 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF077877.D

Acq: 20 Mar 2015 21:51

Instrument :

BNA_F

ClientSampleId :

MW-14

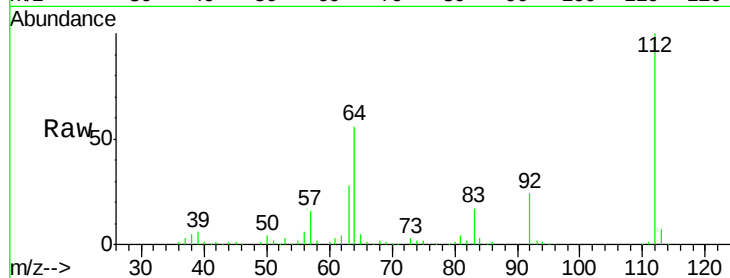
Tgt Ion: 112 Resp: 160741

Ion Ratio Lower Upper

112 100

64 55.6 38.6 57.8

63 27.9 19.3 28.9



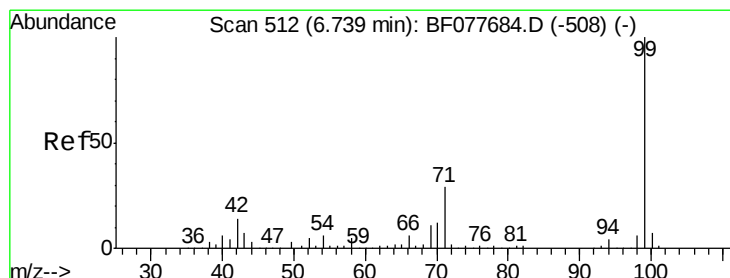
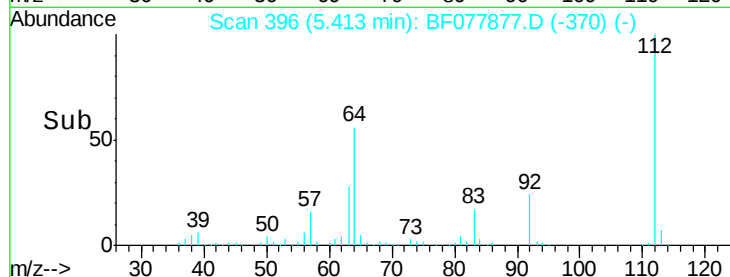
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

5.41

Time--> 5.30 5.40 5.50



#7

Phenol-d6

Concen: 37.04 ng

RT: 6.70 min Scan# 509

Delta R.T. -0.00 min

Lab File: BF077877.D

Acq: 20 Mar 2015 21:51

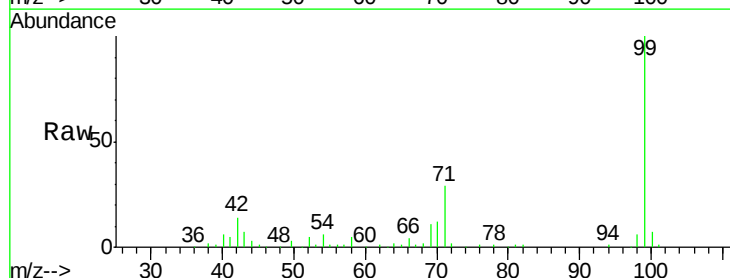
Tgt Ion: 99 Resp: 119801

Ion Ratio Lower Upper

99 100

42 13.8 11.0 16.4

71 28.5 23.4 35.2



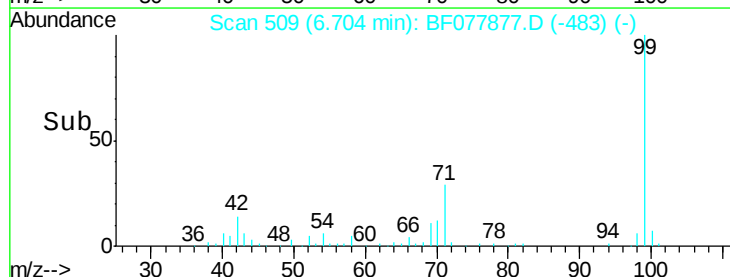
Abundance Ion 99.00 (98.70 to 99.70): BF0

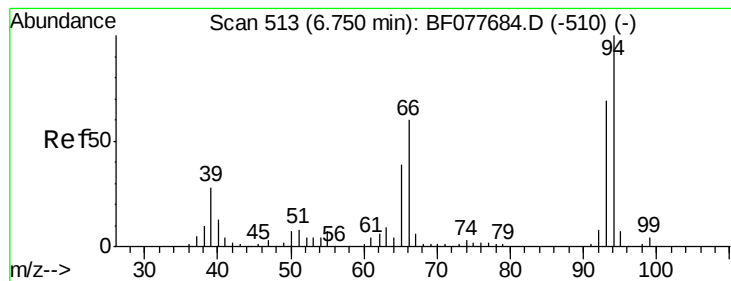
Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

6.70

Time--> 6.70 6.80





#10

Phenol

Concen: 4.36 ng

RT: 6.72 min Scan# 510

Delta R.T. -0.00 min

Lab File: BF077877.D

Acq: 20 Mar 2015 21:51

Instrument :

BNA_F

ClientSampleId :

MW-14

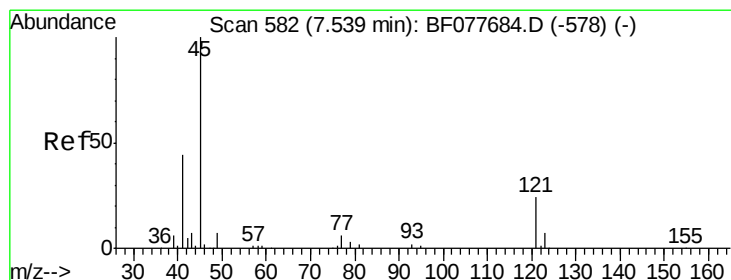
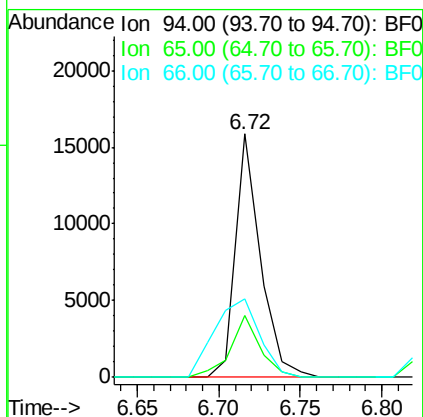
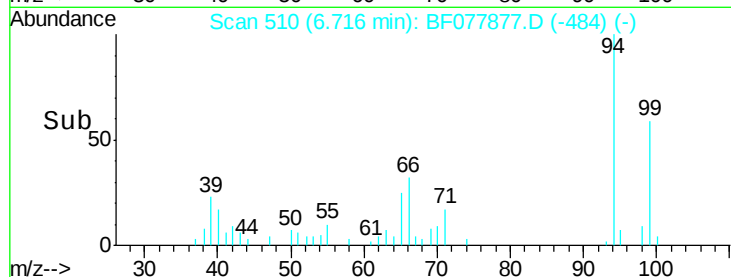
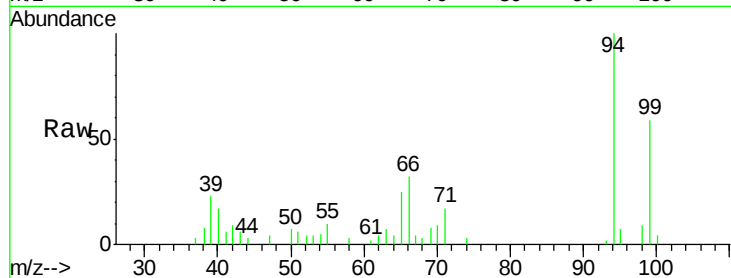
Tgt Ion: 94 Resp: 16670

Ion Ratio Lower Upper

94 100

65 25.2 18.8 58.8

66 32.4 39.9 79.9#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 23.90 ng

RT: 7.68 min Scan# 594

Delta R.T. 0.18 min

Lab File: BF077877.D

Acq: 20 Mar 2015 21:51

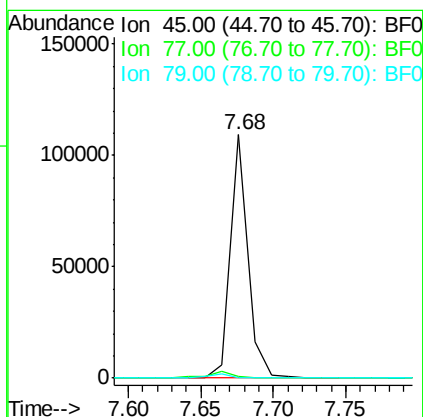
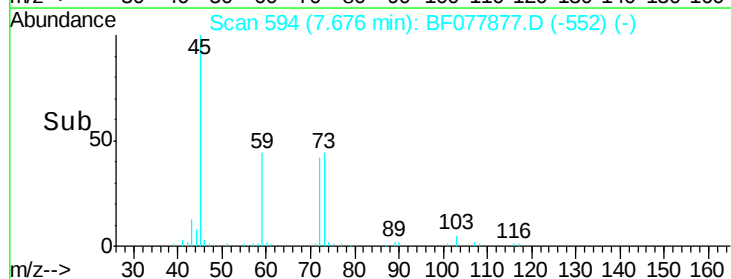
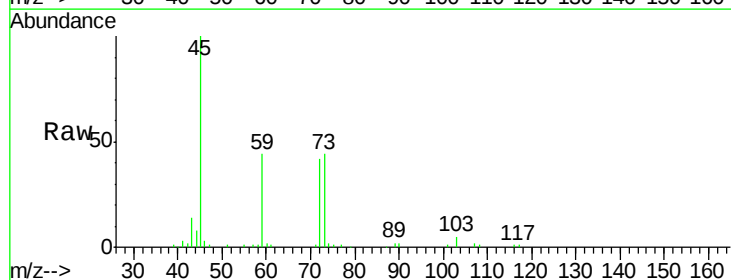
Tgt Ion: 45 Resp: 92233

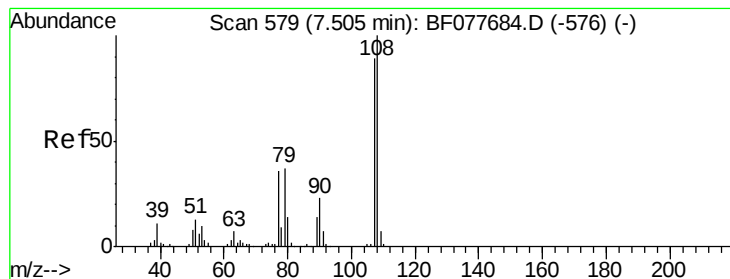
Ion Ratio Lower Upper

45 100

77 0.5 0.0 35.2

79 0.4 0.0 32.0





#17

2-Methylphenol

Concen: 2.49 ng

RT: 7.34 min Scan# 565

Delta R.T. -0.13 min

Lab File: BF077877.D

Acq: 20 Mar 2015 21:51

Instrument :

BNA_F

ClientSampleId :

MW-14

Tgt Ion: 107 Resp: 6319

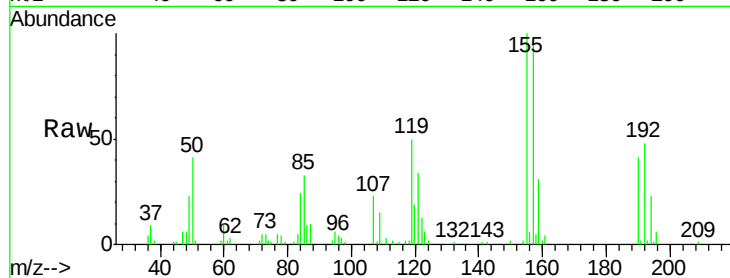
Ion Ratio Lower Upper

107 100

108 5.7 89.8 134.8#

77 20.4 32.6 48.8#

79 5.3 32.8 49.2#

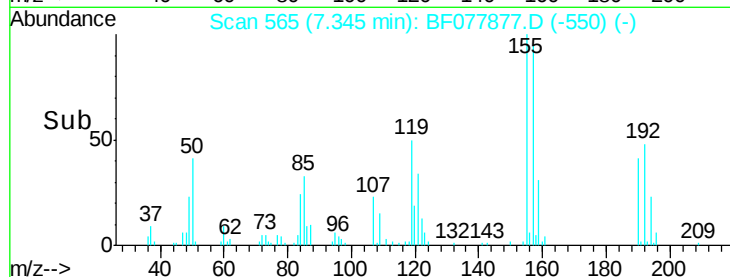


Abundance Ion 107.00 (106.70 to 107.70): E

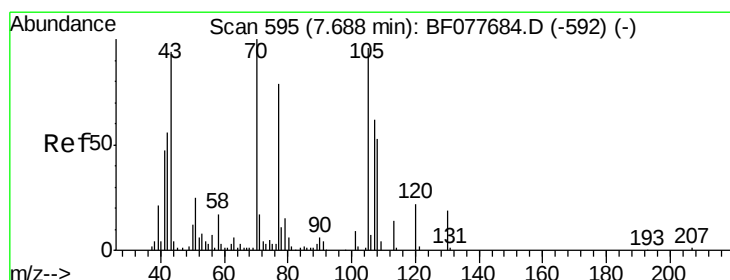
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 15.10 ng

RT: 7.82 min Scan# 607

Delta R.T. 0.17 min

Lab File: BF077877.D

Acq: 20 Mar 2015 21:51

Tgt Ion: 70 Resp: 33780

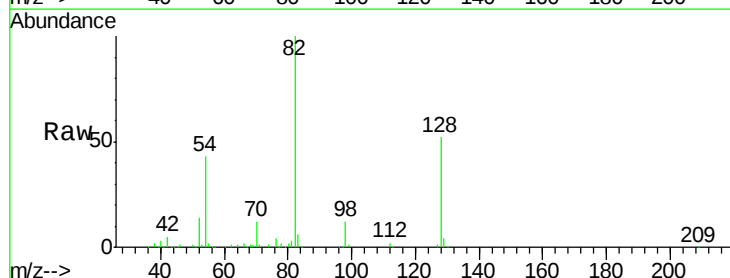
Ion Ratio Lower Upper

70 100

42 43.5 44.5 66.7#

101 0.0 7.4 11.2#

130 2.5 15.3 22.9#

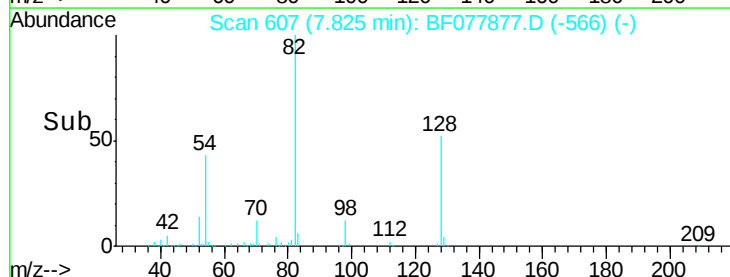


Abundance Ion 70.00 (69.70 to 70.70): BF0

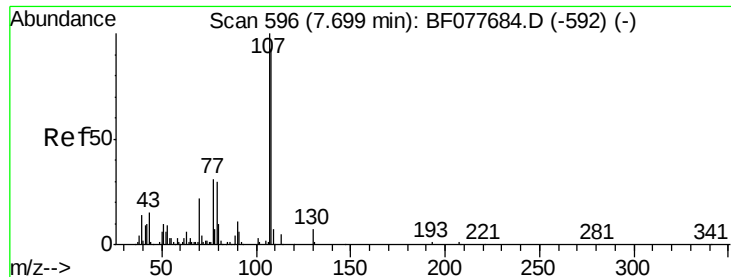
Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



Time-->



#20

3+4-Methylphenols

Concen: 3.18 ng

RT: 7.66 min Scan# 593

Delta R.T. -0.00 min

Lab File: BF077877.D

Acq: 20 Mar 2015 21:51

Instrument :

BNA_F

ClientSampleId :

MW-14

Tgt Ion:107 Resp: 10574

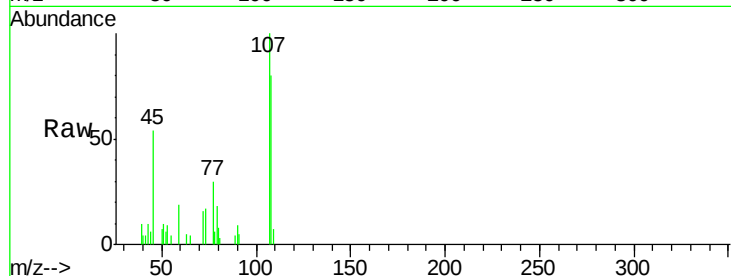
Ion Ratio Lower Upper

107 100

108 80.2 73.2 113.2

77 29.5 10.7 50.7

79 18.4 9.6 49.6

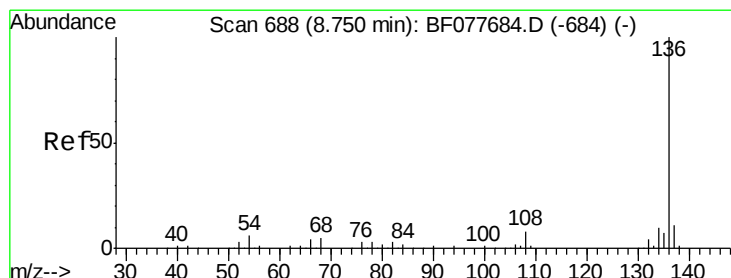
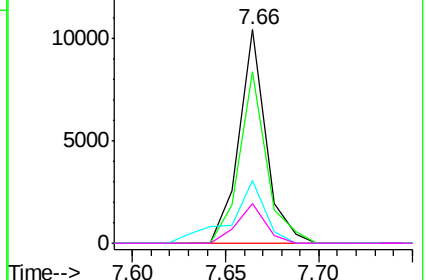
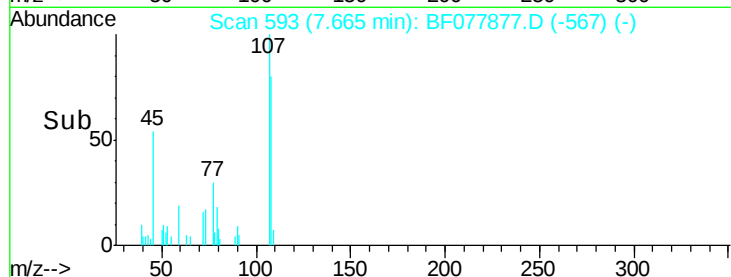


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.70 min Scan# 684

Delta R.T. -0.00 min

Lab File: BF077877.D

Acq: 20 Mar 2015 21:51

Tgt Ion:136 Resp: 185494

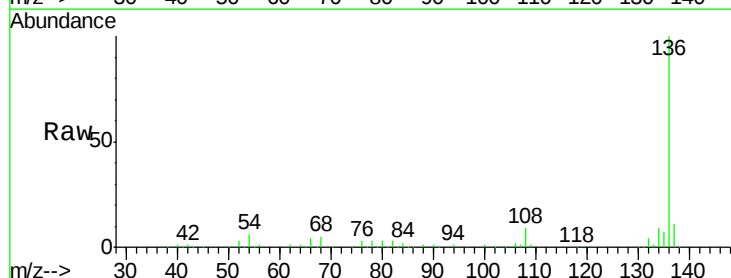
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 5.6 4.6 6.8

68 4.6 3.7 5.5

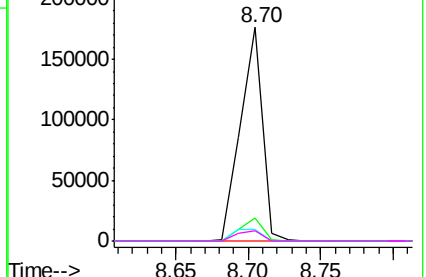
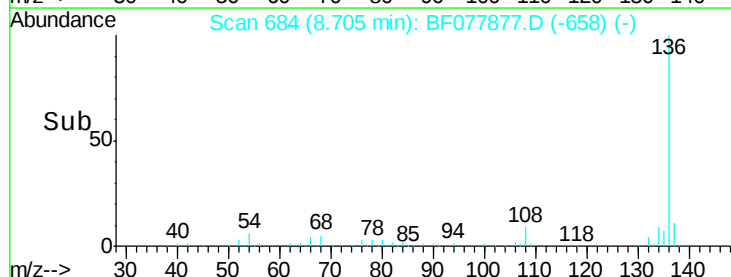


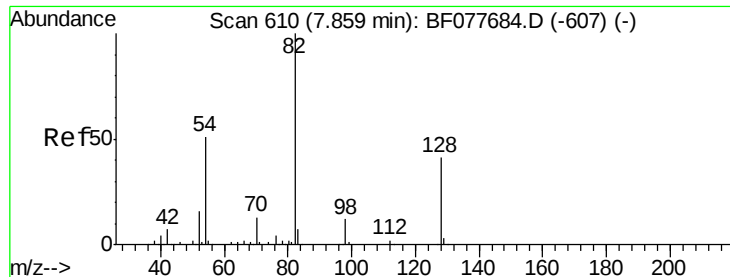
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

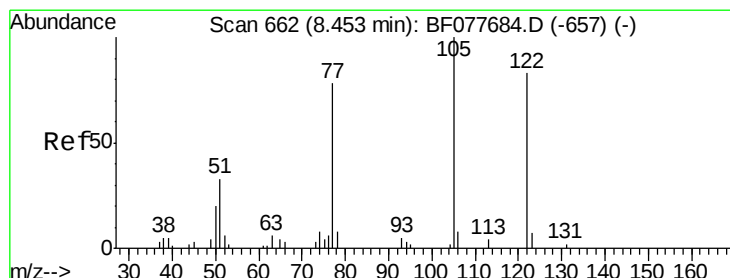
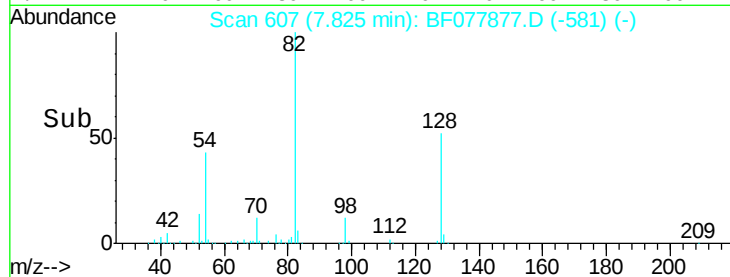
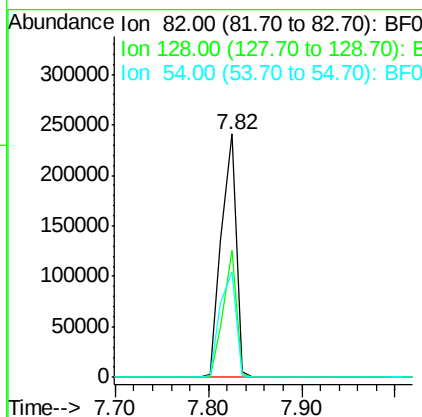
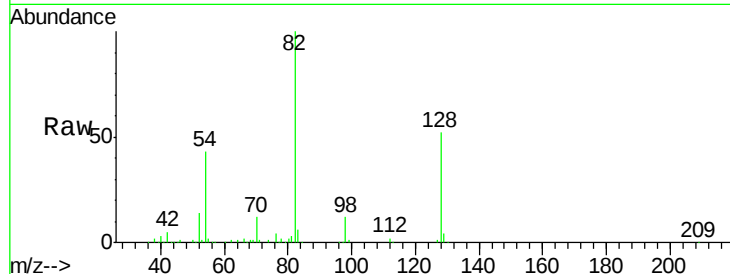




#23
 Nitrobenzene-d5
 Concen: 93.84 ng
 RT: 7.82 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: BF077877.D
 Acq: 20 Mar 2015 21:51

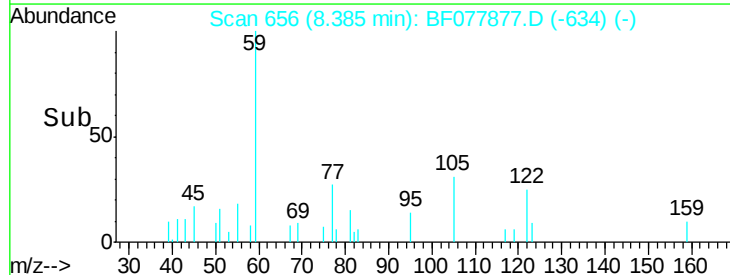
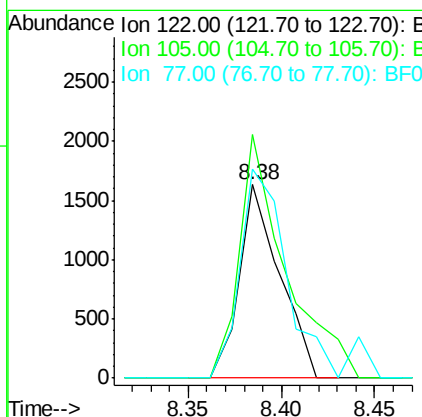
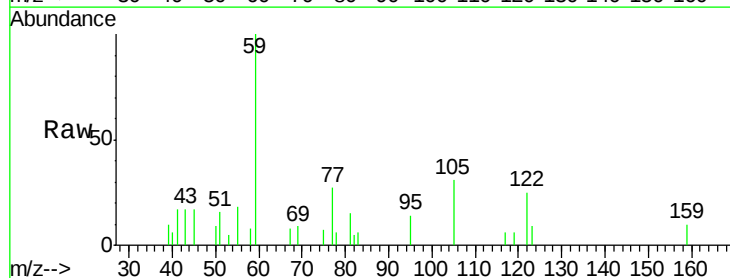
Instrument :
 BNA_F
 ClientSampled :
 MW-14

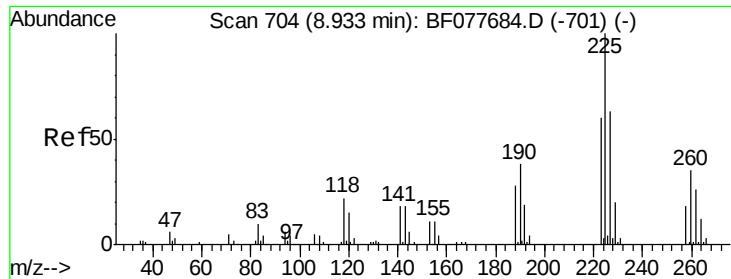
Tgt Ion: 82 Resp: 265531
 Ion Ratio Lower Upper
 82 100
 128 52.3 32.8 49.2#
 54 43.4 40.6 60.8



#32
 Benzoic acid
 Concen: 4.60 ng
 RT: 8.38 min Scan# 656
 Delta R.T. -0.05 min
 Lab File: BF077877.D
 Acq: 20 Mar 2015 21:51

Tgt Ion: 122 Resp: 2449
 Ion Ratio Lower Upper
 122 100
 105 125.9 99.9 139.9
 77 108.3 73.7 113.7





#34

Hexachlorobutadiene

Concen: 13.89 ng

RT: 8.89 min Scan# 700

Delta R.T. -0.00 min

Lab File: BF077877.D

Acq: 20 Mar 2015 21:51

Instrument :

BNA_F

ClientSampleId :

MW-14

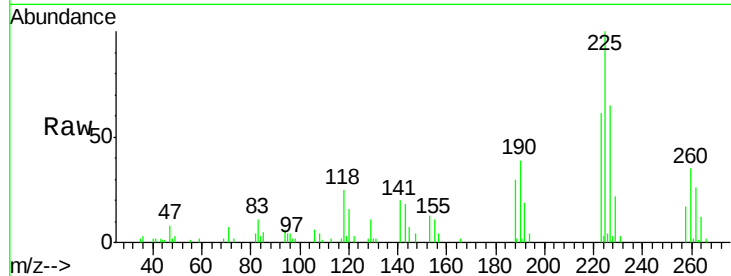
Tgt Ion:225 Resp: 22836

Ion Ratio Lower Upper

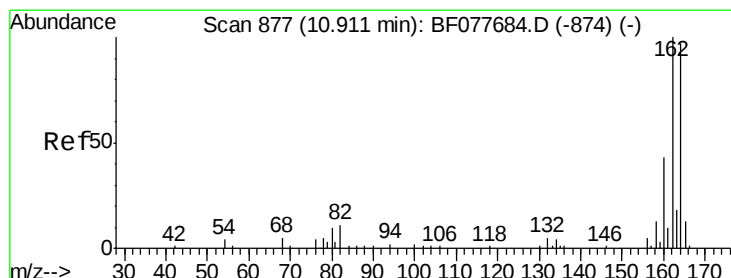
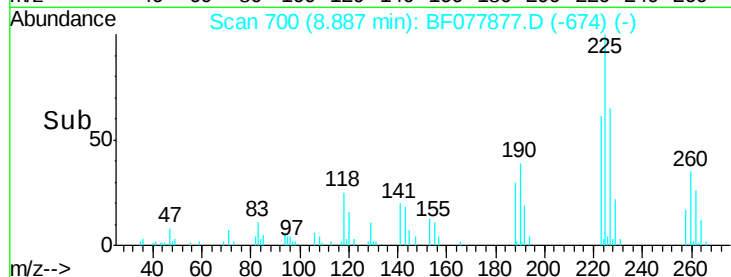
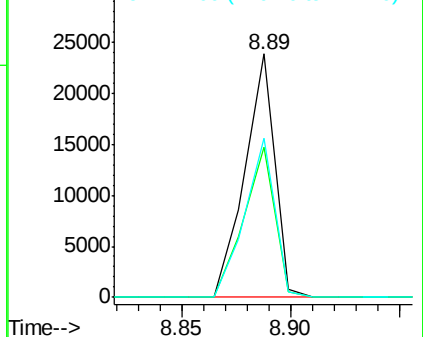
225 100

223 61.5 47.9 71.9

227 65.4 50.1 75.1



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.86 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF077877.D

Acq: 20 Mar 2015 21:51

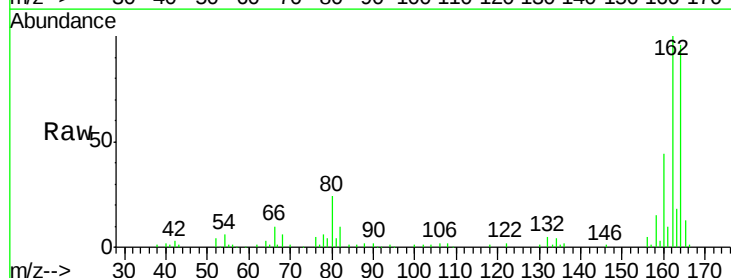
Tgt Ion:164 Resp: 93454

Ion Ratio Lower Upper

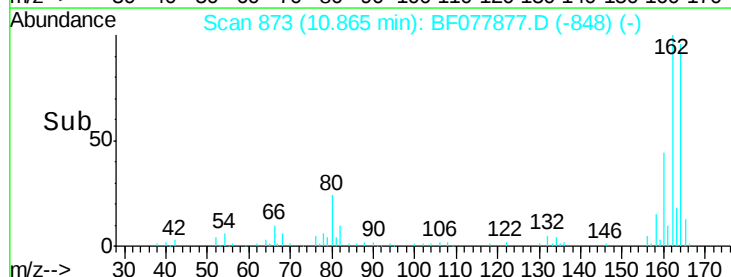
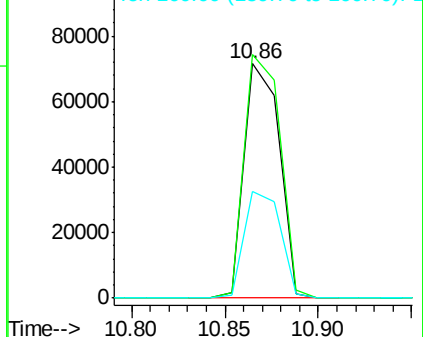
164 100

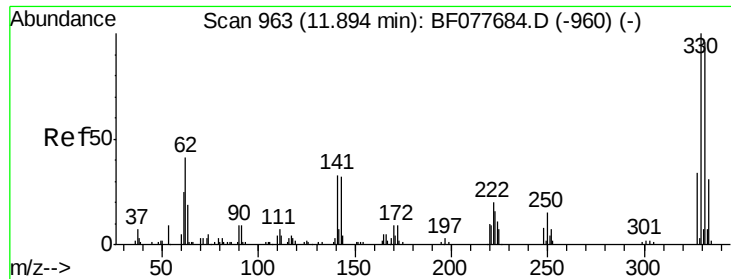
162 103.8 82.4 123.6

160 45.4 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

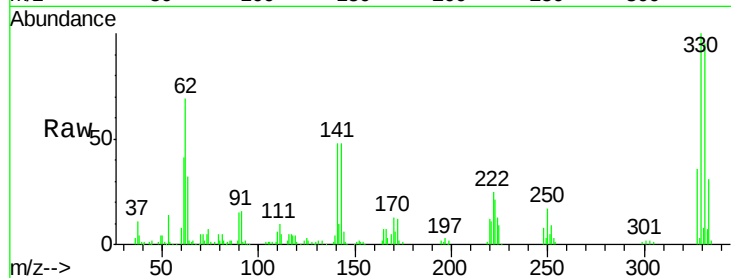




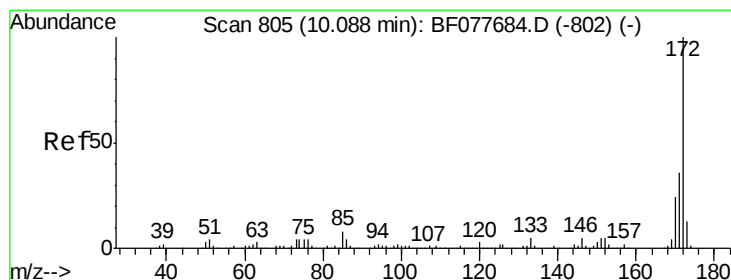
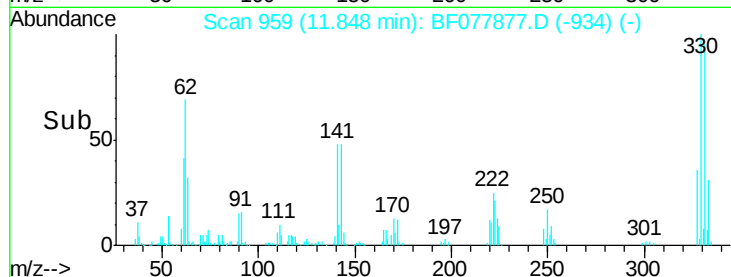
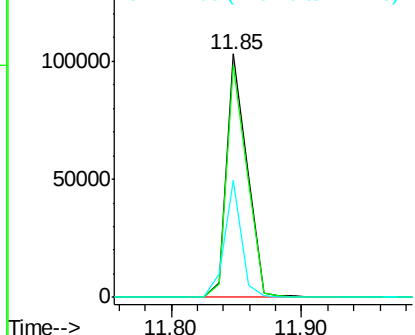
#41
 2,4,6-Tribromophenol
 Concen: 125.63 ng
 RT: 11.85 min Scan# 959
 Delta R.T. -0.01 min
 Lab File: BF077877.D
 Acq: 20 Mar 2015 21:51

Instrument :
 BNA_F
 ClientSampleId :
 MW-14

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.7	0.0	0.0#
141	39.9	0.0	0.0#

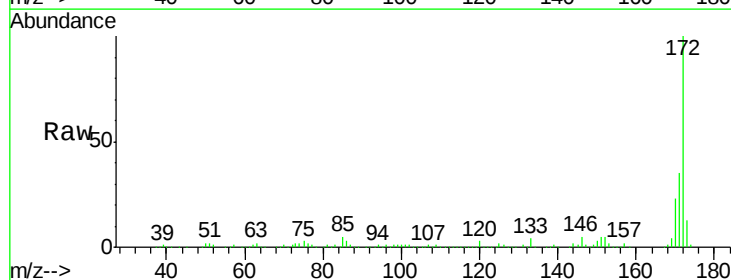


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

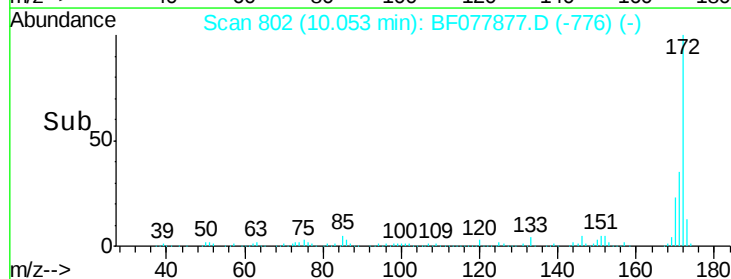
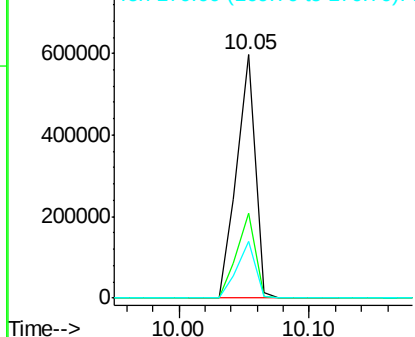


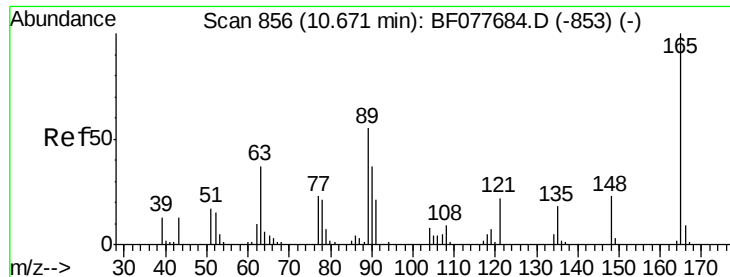
#44
 2-Fluorobiphenyl
 Concen: 92.61 ng
 RT: 10.05 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF077877.D
 Acq: 20 Mar 2015 21:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	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

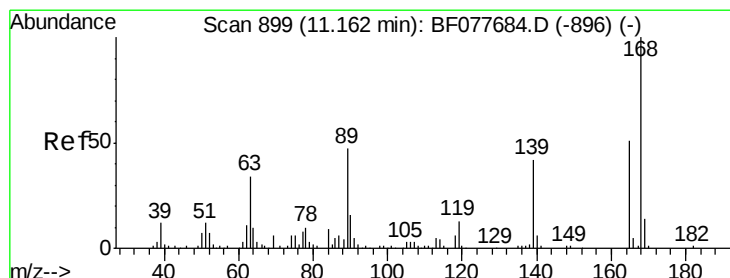
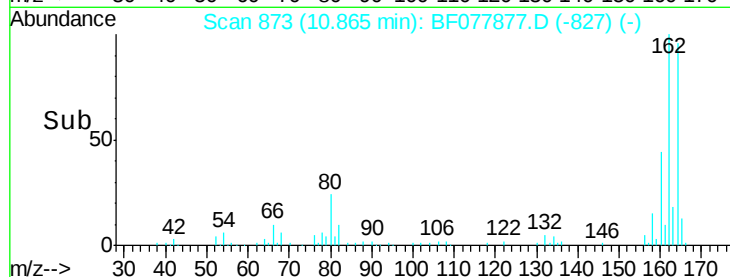
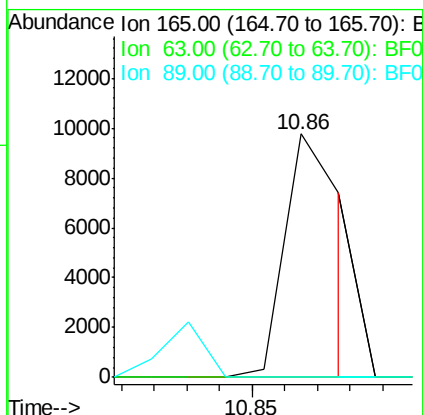
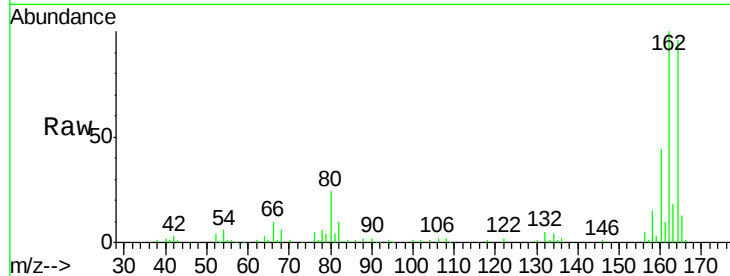




#50
 2,6-Dinitrotoluene
 Concen: 8.36 ng
 RT: 10.86 min Scan# 873
 Delta R.T. 0.23 min
 Lab File: BF077877.D
 Acq: 20 Mar 2015 21:51

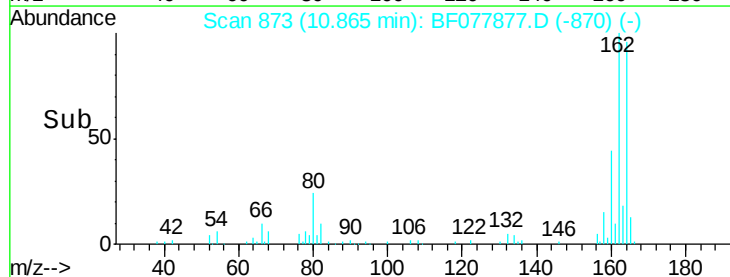
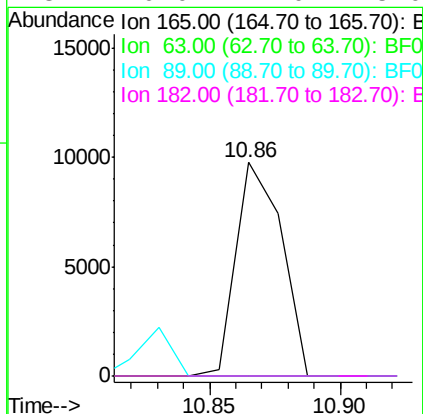
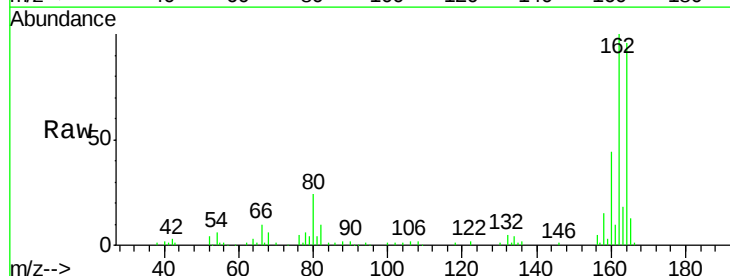
Instrument :
 BNA_F
 ClientSampleId :
 MW-14

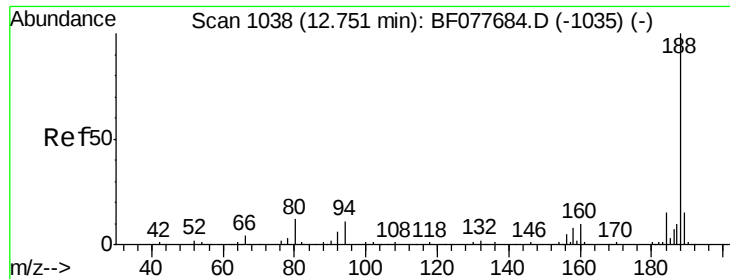
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.1	66.1#
89	0.0	44.3	66.5#



#56
 2,4-Dinitrotoluene
 Concen: 6.41 ng
 RT: 10.86 min Scan# 873
 Delta R.T. -0.26 min
 Lab File: BF077877.D
 Acq: 20 Mar 2015 21:51

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#

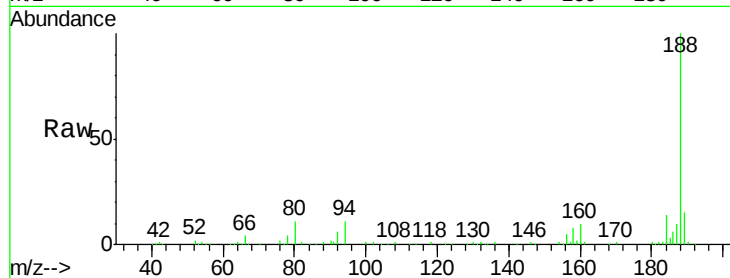




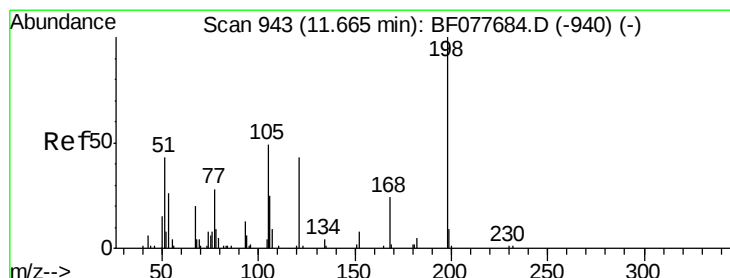
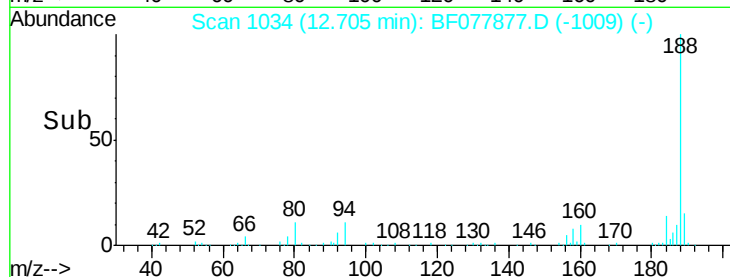
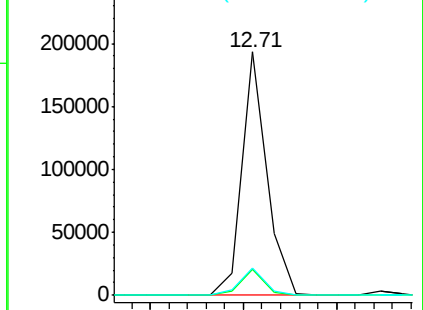
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.71 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BF077877.D
 Acq: 20 Mar 2015 21:51

Instrument :
 BNA_F
 ClientSampleId :
 MW-14

Tgt Ion:188 Resp: 179809
 Ion Ratio Lower Upper
 188 100
 94 10.6 8.7 13.1
 80 11.3 9.3 13.9

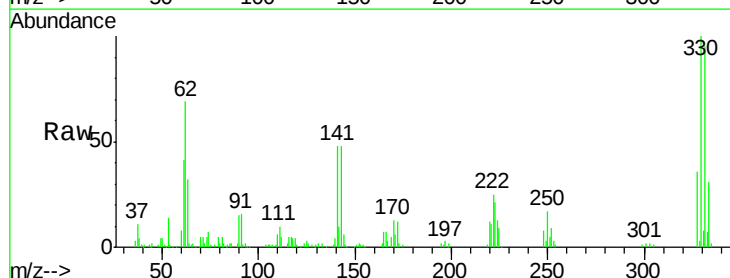


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

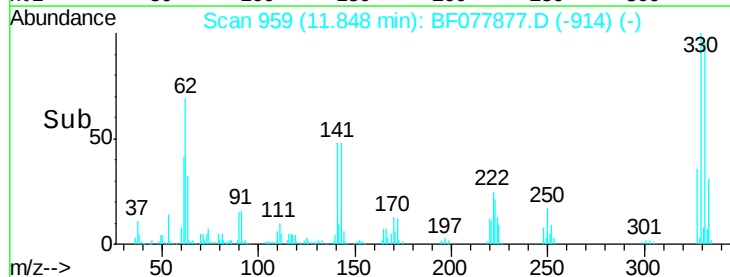
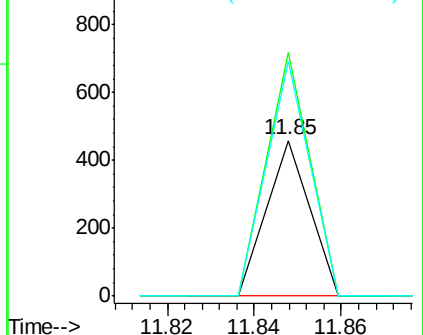


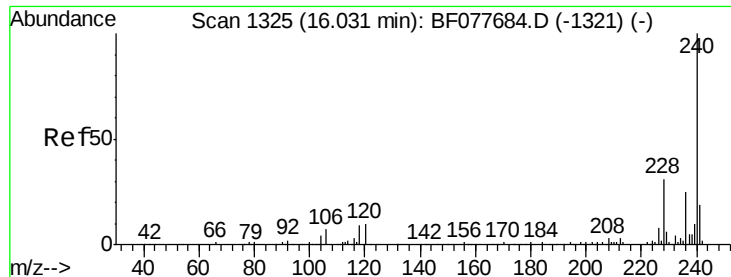
#64
 4,6-Dinitro-2-methylphenol
 Concen: 4.63 ng
 RT: 11.85 min Scan# 959
 Delta R.T. 0.22 min
 Lab File: BF077877.D
 Acq: 20 Mar 2015 21:51

Tgt Ion:198 Resp: 315
 Ion Ratio Lower Upper
 198 100
 51 156.4 28.8 68.8#
 105 150.3 30.5 70.5#



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

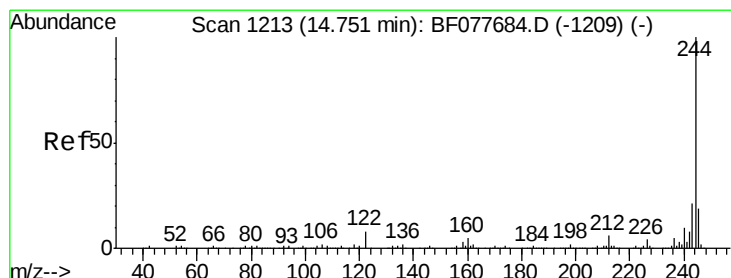
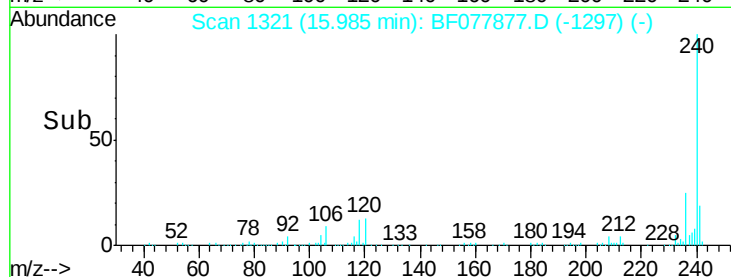
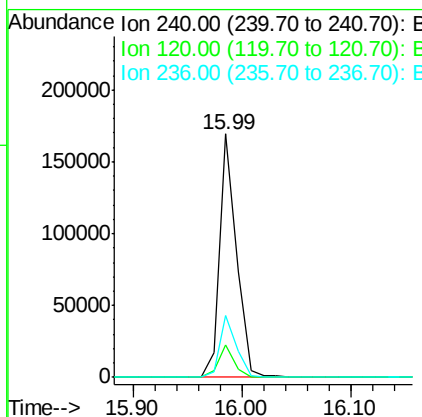
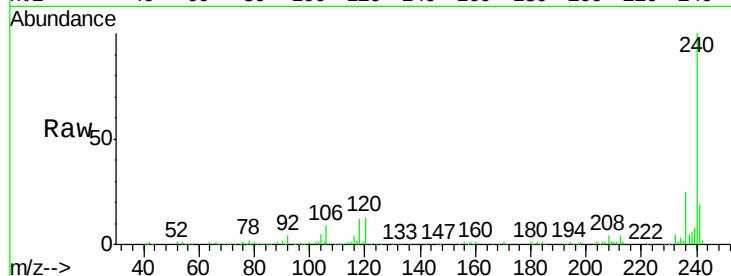




#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.99 min Scan# 1321
Delta R.T. -0.02 min
Lab File: BF077877.D
Acq: 20 Mar 2015 21:51

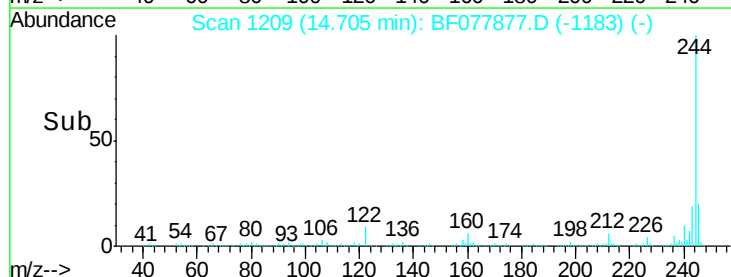
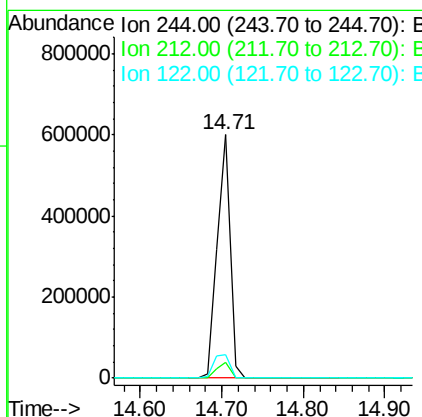
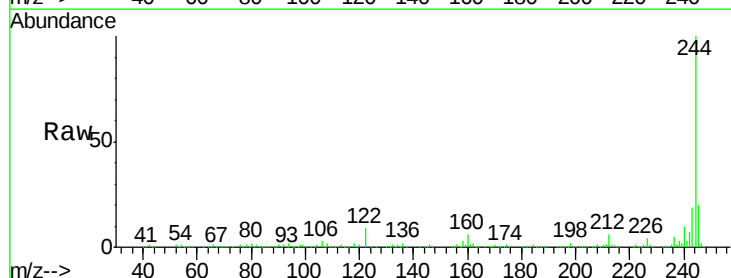
Instrument :
BNA_F
ClientSampleId :
MW-14

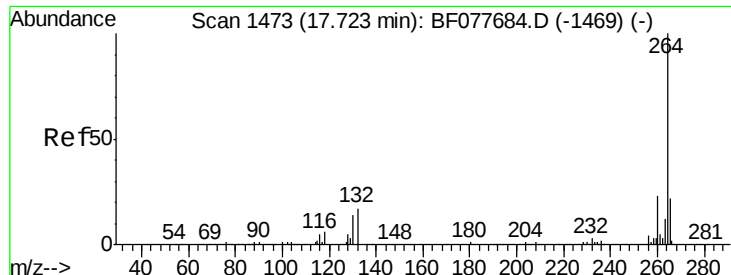
Tgt Ion:240 Resp: 183587
Ion Ratio Lower Upper
240 100
120 13.3 8.2 12.2#
236 25.3 20.0 30.0



#78
Terphenyl-d14
Concen: 87.96 ng
RT: 14.71 min Scan# 1209
Delta R.T. -0.00 min
Lab File: BF077877.D
Acq: 20 Mar 2015 21:51

Tgt Ion:244 Resp: 661121
Ion Ratio Lower Upper
244 100
212 6.4 4.9 7.3
122 9.4 6.2 9.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 17.75 min Scan# 1475
Delta R.T. -0.09 min
Lab File: BF077877.D
Acq: 20 Mar 2015 21:51

Instrument :
BNA_F
ClientSampleId :
MW-14

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	27.8
265	21.3	17.3	25.9

