

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032515\
 Data File : BF077978.D
 Acq On : 26 Mar 2015 5:29
 Operator : TP/IZ
 Sample : G1643-09
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-10-3-23-15

Quant Time: Mar 26 05:09:50 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

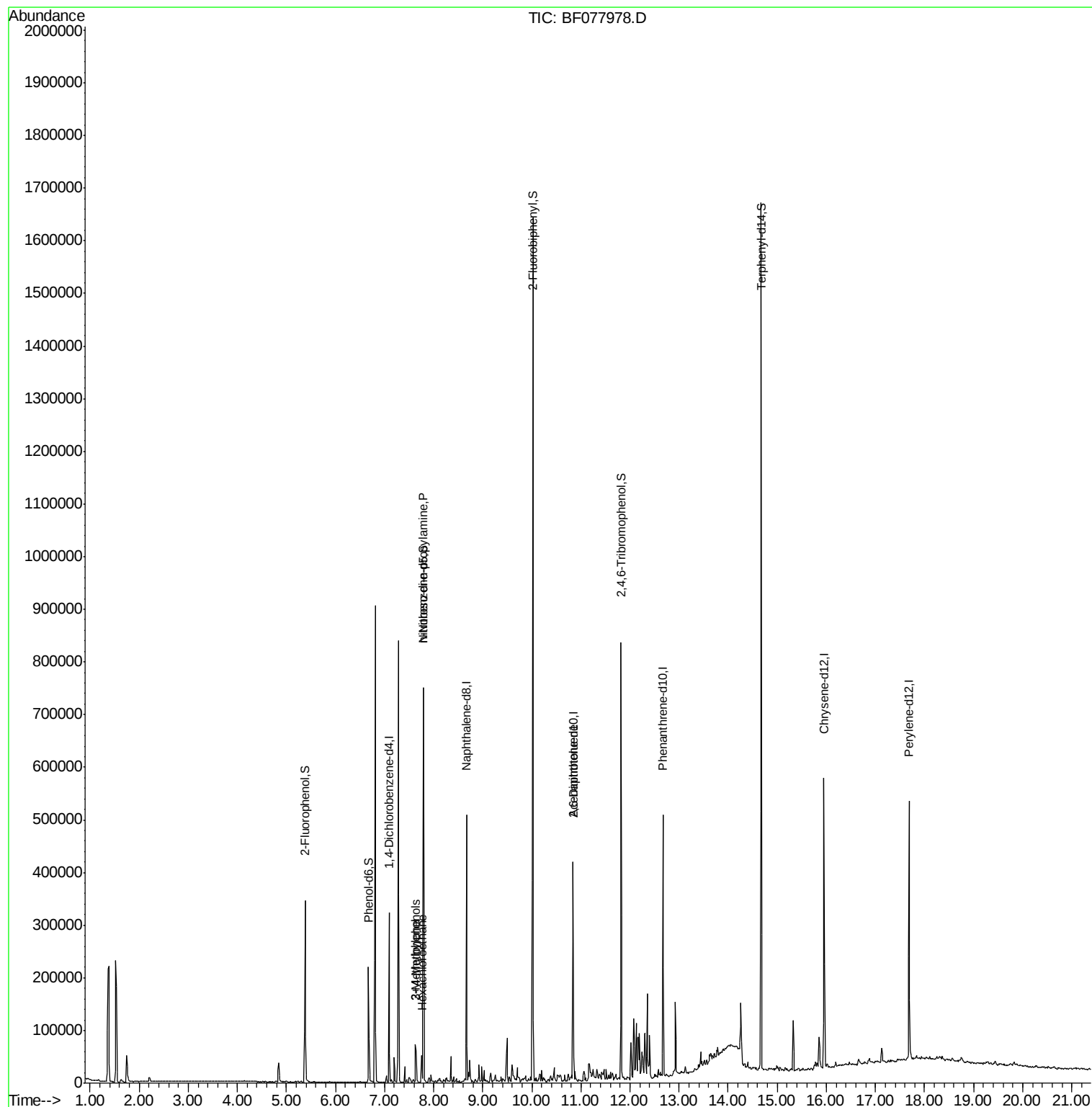
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	51054	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	209481	20.00	ng	0.00
38) Acenaphthene-d10	10.84	164	104005	20.00	ng	0.00
63) Phenanthrene-d10	12.67	188	208614	20.00	ng	-0.01
75) Chrysene-d12	15.95	240	218126	20.00	ng	-0.02
86) Perylene-d12	17.69	264	206859	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	118604	40.55	ng	0.00
7) Phenol-d6	6.67	99	88392	24.46	ng	0.00
23) Nitrobenzene-d5	7.79	82	233096	72.94	ng	0.00
41) 2,4,6-Tribromophenol	11.81	330	100982	101.48	ng	-0.01
44) 2-Fluorobiphenyl	10.02	172	520941	73.61	ng	0.00
78) Terphenyl-d14	14.67	244	574562	64.34	ng	0.00
Target Compounds						
17) 2-Methylphenol	7.63	107	19434	6.86	ng	# 69
18) Hexachloroethane	7.76	117	2976	2.26	ng	# 3
19) n-Nitroso-di-n-propylamine	7.79	70	29084	11.63	ng	# 80
20) 3+4-Methylphenols	7.63	107	19436	5.23	ng	# 84
50) 2,6-Dinitrotoluene	10.84	165	13635	8.53	ng	# 26

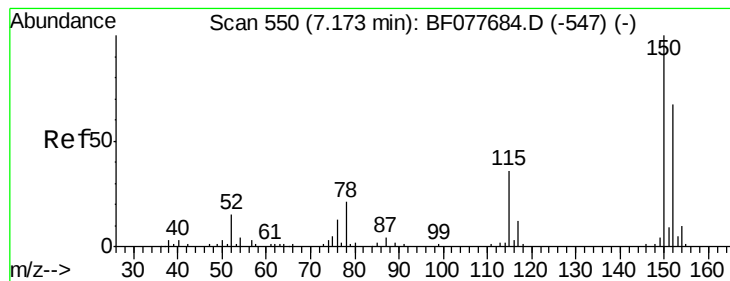
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF077978.D

Acq: 26 Mar 2015 5:29

Instrument :

BNA_F

ClientSampleId :

MW-10-3-23-15

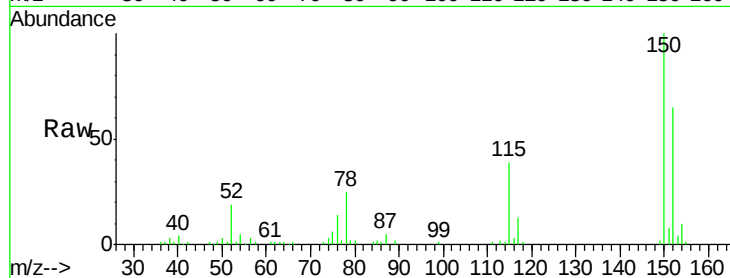
Tgt Ion:152 Resp: 51054

Ion Ratio Lower Upper

152 100

150 154.7 119.5 179.3

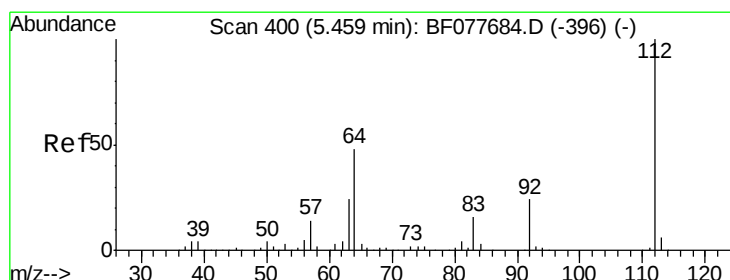
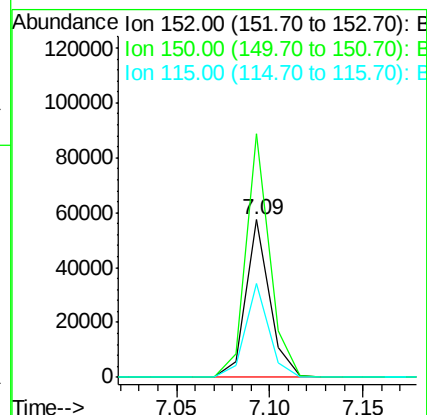
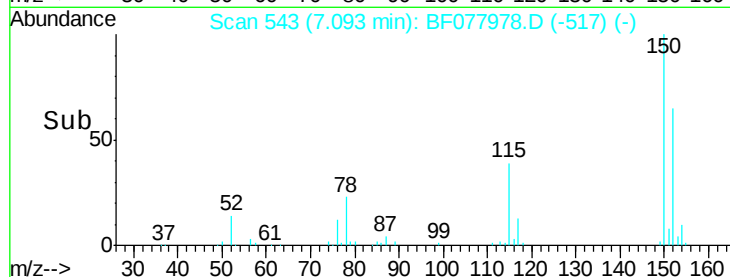
115 59.7 43.0 64.4



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



#5

2-Fluorophenol

Concen: 40.55 ng

RT: 5.38 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF077978.D

Acq: 26 Mar 2015 5:29

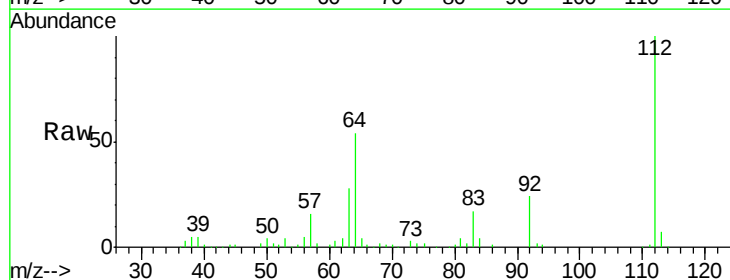
Tgt Ion:112 Resp: 118604

Ion Ratio Lower Upper

112 100

64 53.9 38.6 57.8

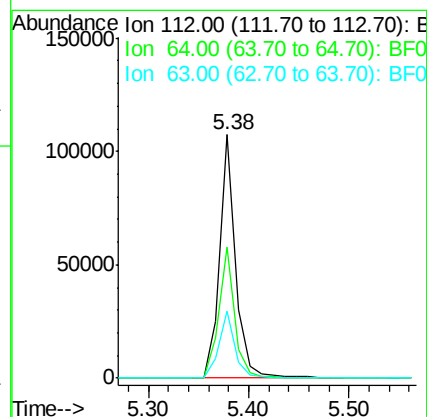
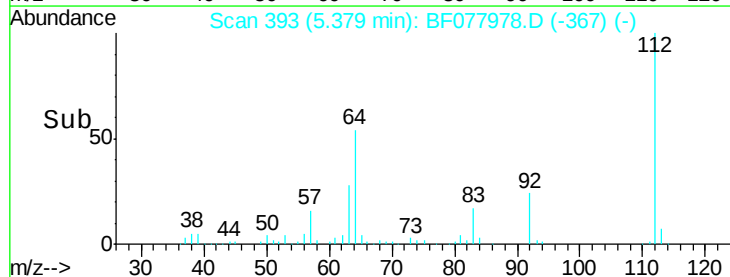
63 27.7 19.3 28.9

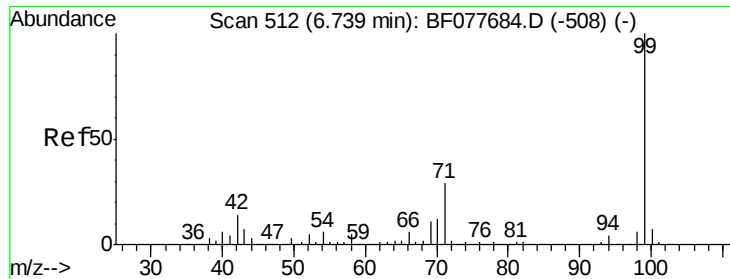


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 24.46 ng

RT: 6.67 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF077978.D

Acq: 26 Mar 2015 5:29

Instrument :

BNA_F

ClientSampleId :

MW-10-3-23-15

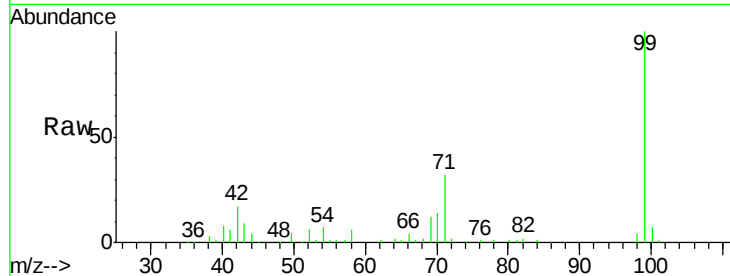
Tgt Ion: 99 Resp: 88392

Ion Ratio Lower Upper

99 100

42 17.3 11.0 16.4#

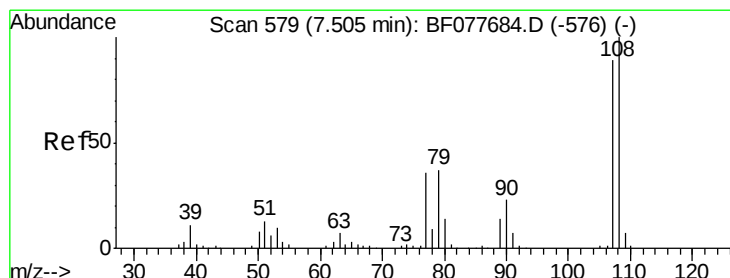
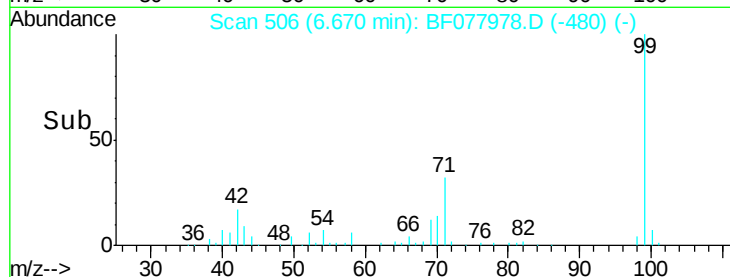
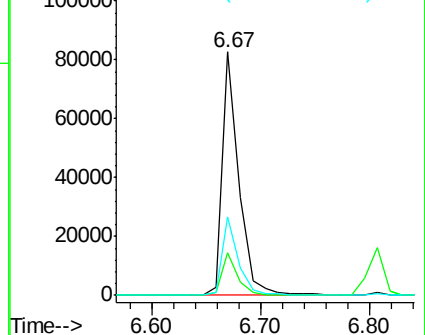
71 32.1 23.4 35.2



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



#17

2-Methylphenol

Concen: 6.86 ng

RT: 7.63 min Scan# 590

Delta R.T. 0.19 min

Lab File: BF077978.D

Acq: 26 Mar 2015 5:29

Tgt Ion: 107 Resp: 19434

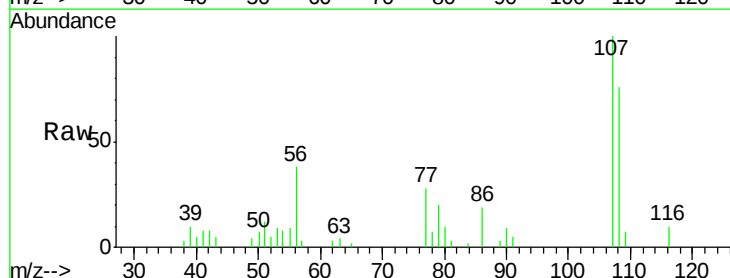
Ion Ratio Lower Upper

107 100

108 75.6 89.8 134.8#

77 28.0 32.6 48.8#

79 19.9 32.8 49.2#

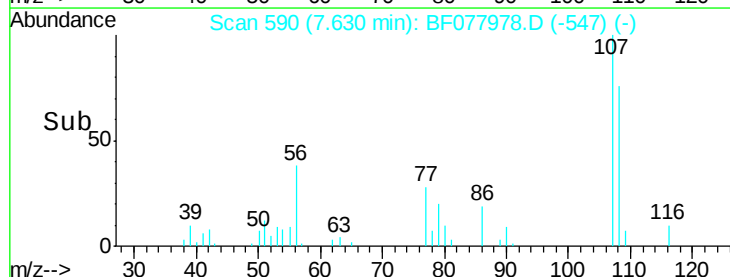
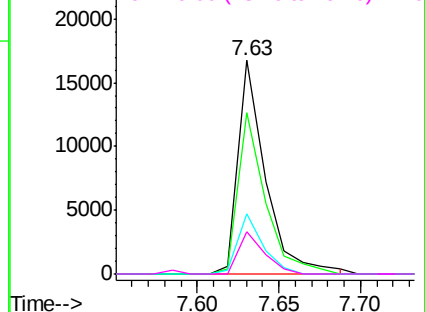


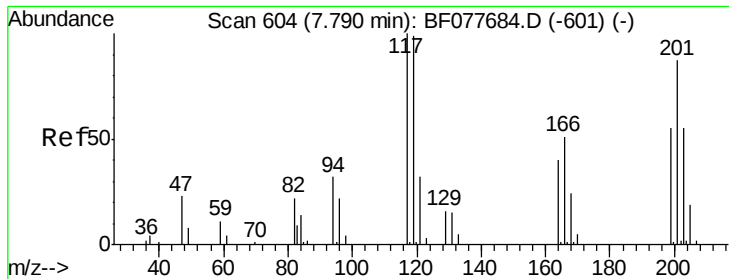
Abundance Ion 107.00 (106.70 to 107.70): E

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





#18

Hexachloroethane

Concen: 2.26 ng

RT: 7.76 min Scan# 601

Delta R.T. 0.05 min

Lab File: BF077978.D

Acq: 26 Mar 2015 5:29

Instrument :

BNA_F

ClientSampleId :

MW-10-3-23-15

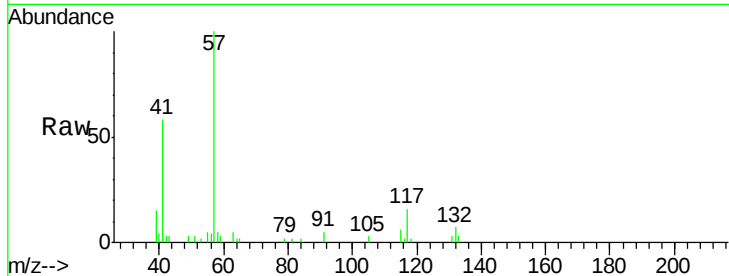
Tgt Ion:117 Resp: 2976

Ion Ratio Lower Upper

117 100

119 0.0 79.2 118.8#

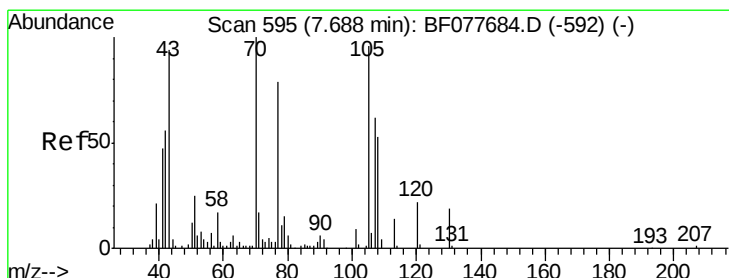
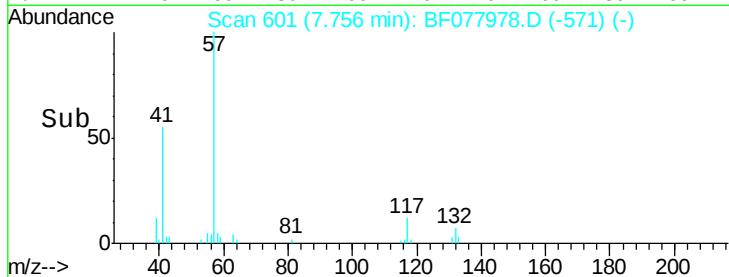
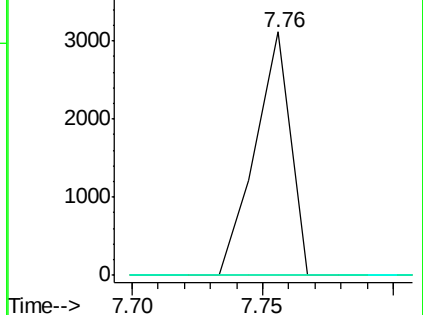
201 0.0 69.8 104.6#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 11.63 ng

RT: 7.79 min Scan# 604

Delta R.T. 0.17 min

Lab File: BF077978.D

Acq: 26 Mar 2015 5:29

Tgt Ion: 70 Resp: 29084

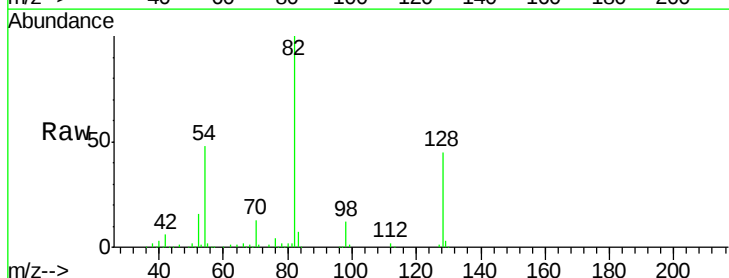
Ion Ratio Lower Upper

70 100

42 46.3 44.5 66.7

101 0.0 7.4 11.2#

130 2.2 15.3 22.9#

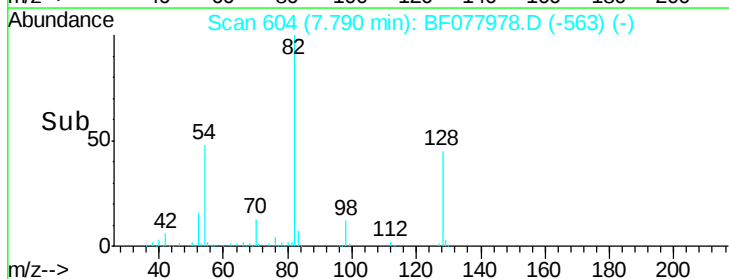
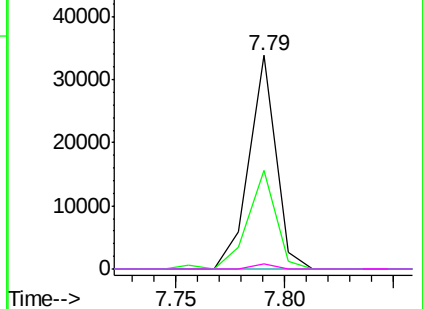


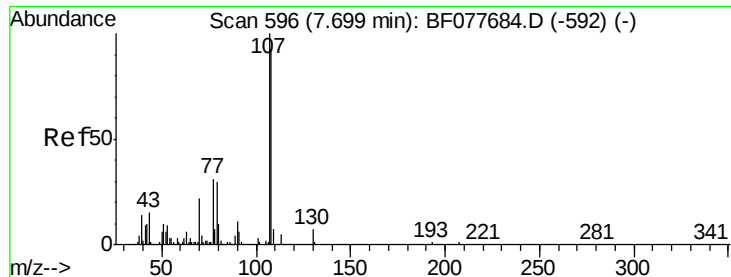
Abundance Ion 70.00 (69.70 to 70.70): BF0

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





#20

3+4-Methylphenols

Concen: 5.23 ng

RT: 7.63 min Scan# 590

Delta R.T. 0.00 min

Lab File: BF077978.D

Acq: 26 Mar 2015 5:29

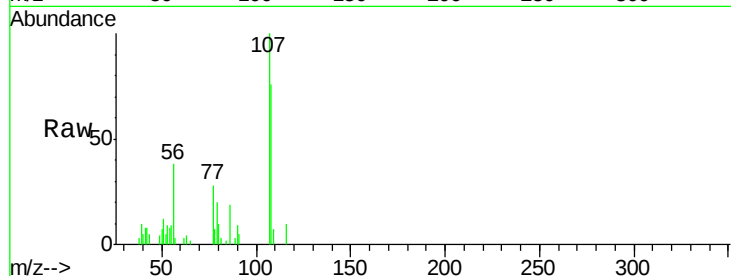
Instrument :

BNA_F

ClientSampleId :

MW-10-3-23-15

Tgt Ion:	107	Resp:	19436
Ion	Ratio	Lower	Upper
107	100		
108	75.6	73.2	113.2
77	28.0	10.7	50.7
79	19.9	9.6	49.6



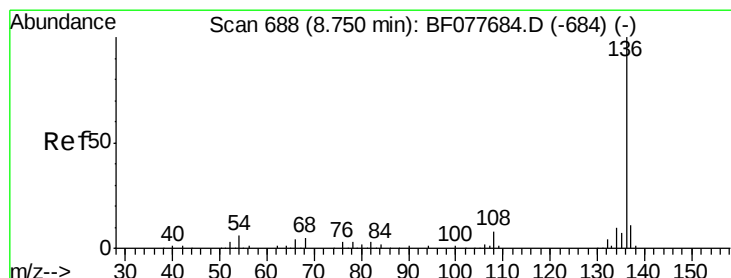
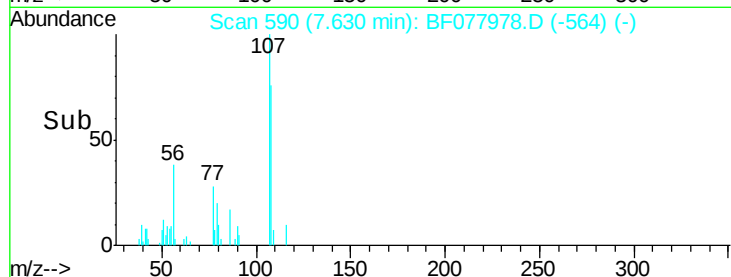
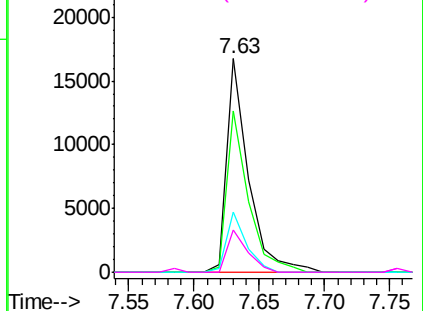
Abundance

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

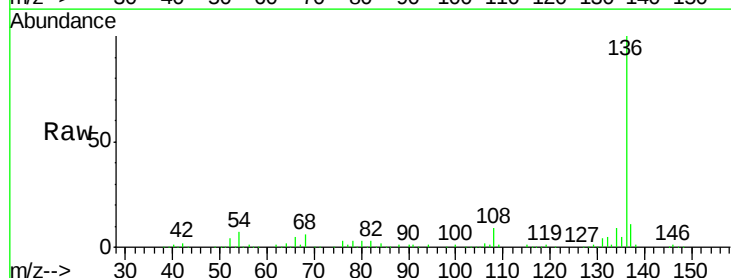
RT: 8.67 min Scan# 681

Delta R.T. 0.00 min

Lab File: BF077978.D

Acq: 26 Mar 2015 5:29

Tgt Ion:	136	Resp:	209481
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	7.0	4.6	6.8#
68	5.9	3.7	5.5#



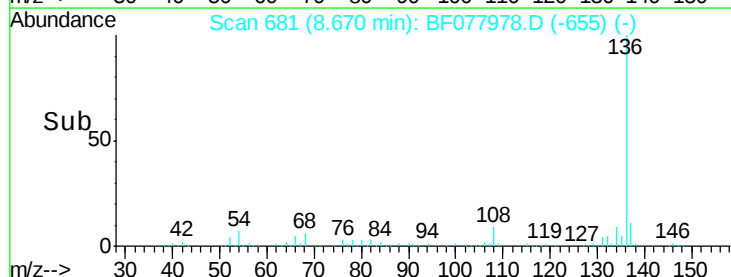
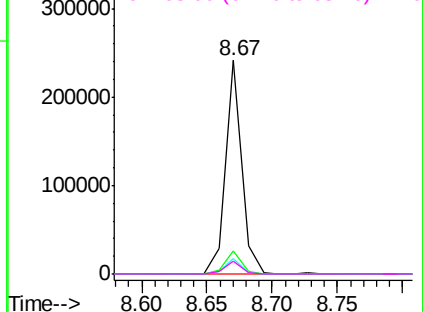
Abundance

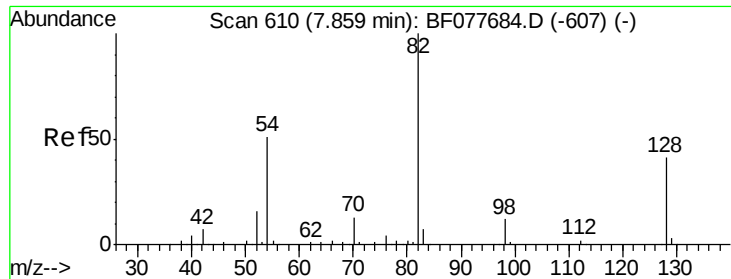
Ion 136.00 (135.70 to 136.70): E

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

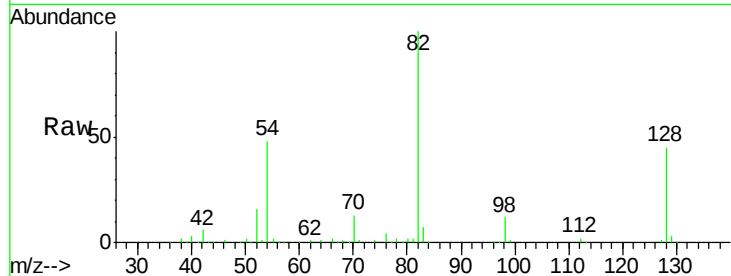




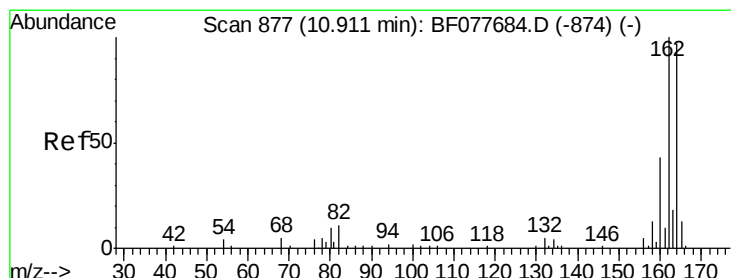
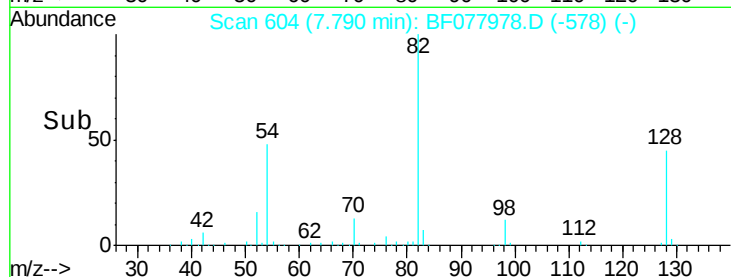
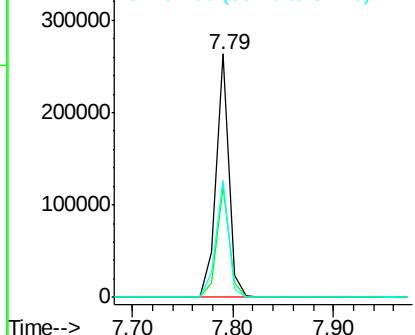
#23
 Nitrobenzene-d5
 Concen: 72.94 ng
 RT: 7.79 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: BF077978.D
 Acq: 26 Mar 2015 5:29

Instrument :
 BNA_F
 ClientSampleId :
 MW-10-3-23-15

Tgt Ion: 82 Resp: 233096
 Ion Ratio Lower Upper
 82 100
 128 45.5 32.8 49.2
 54 48.2 40.6 60.8

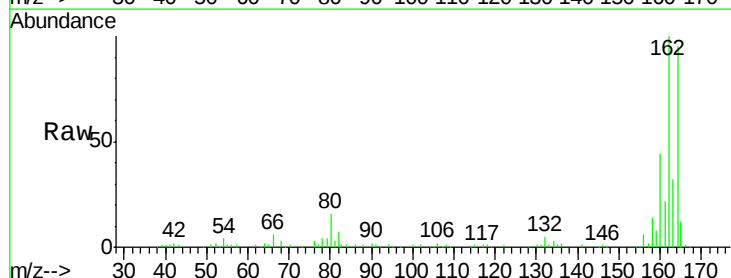


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

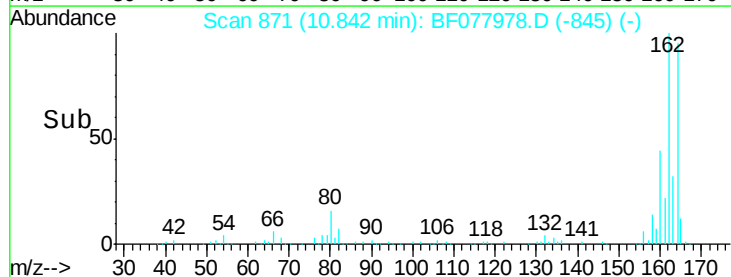
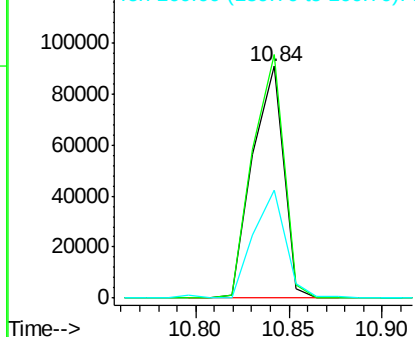


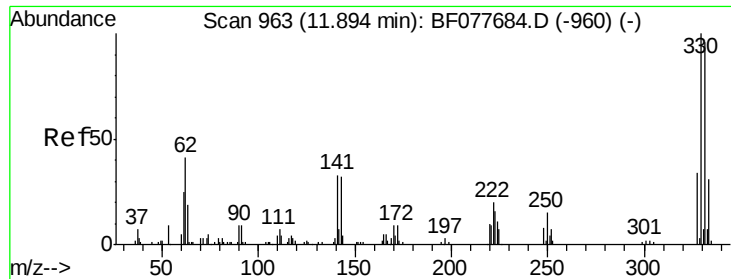
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.84 min Scan# 871
 Delta R.T. 0.00 min
 Lab File: BF077978.D
 Acq: 26 Mar 2015 5:29

Tgt Ion: 164 Resp: 104005
 Ion Ratio Lower Upper
 164 100
 162 105.0 82.4 123.6
 160 46.4 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

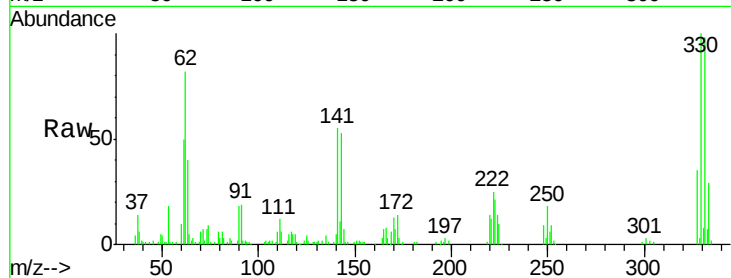




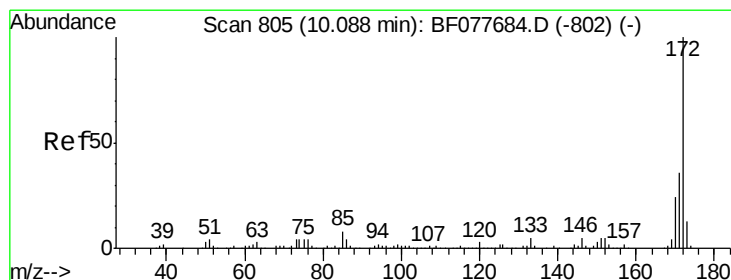
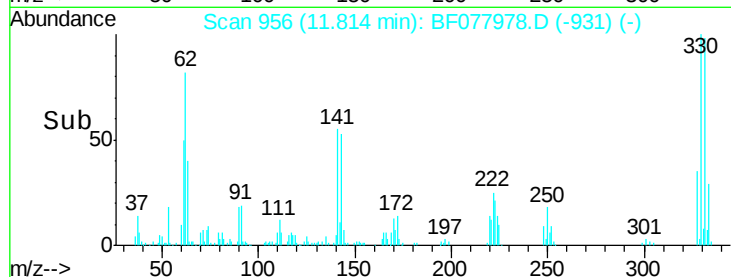
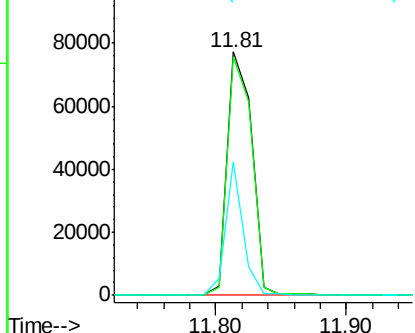
#41
 2,4,6-Tribromophenol
 Concen: 101.48 ng
 RT: 11.81 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF077978.D
 Acq: 26 Mar 2015 5:29

Instrument :
 BNA_F
 ClientSampleId :
 MW-10-3-23-15

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.7	0.0	0.0#
141	39.7	0.0	0.0#

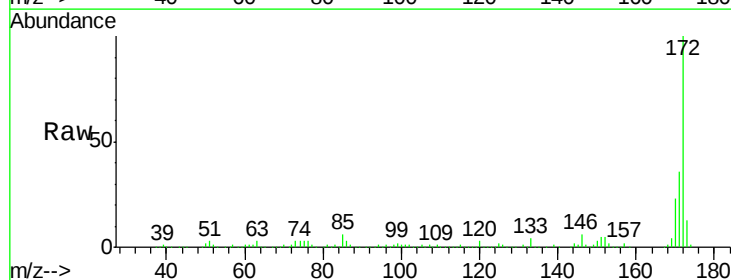


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

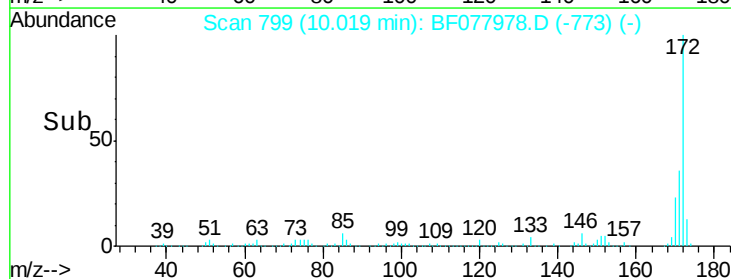
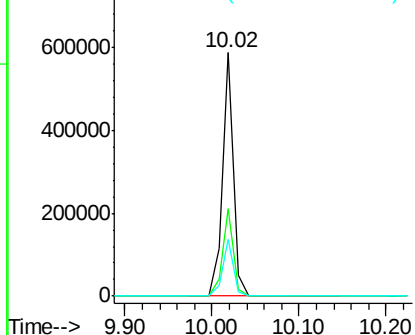


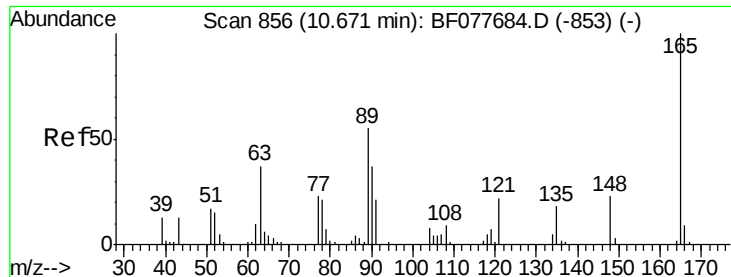
#44
 2-Fluorobiphenyl
 Concen: 73.61 ng
 RT: 10.02 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF077978.D
 Acq: 26 Mar 2015 5:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.5	42.7
170	23.5	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

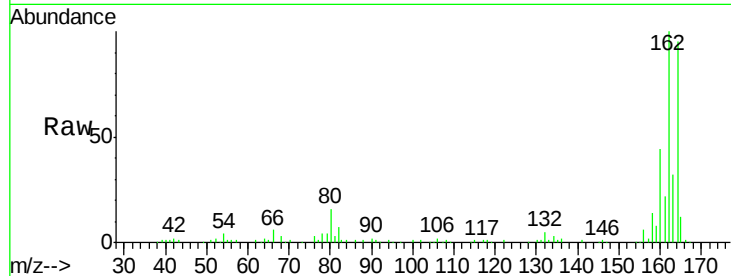




#50
 2,6-Dinitrotoluene
 Concen: 8.53 ng
 RT: 10.84 min Scan# 871
 Delta R.T. 0.24 min
 Lab File: BF077978.D
 Acq: 26 Mar 2015 5:29

Instrument :
 BNA_F
 ClientSampleId :
 MW-10-3-23-15

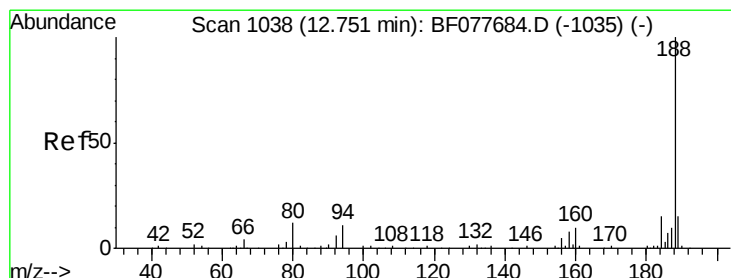
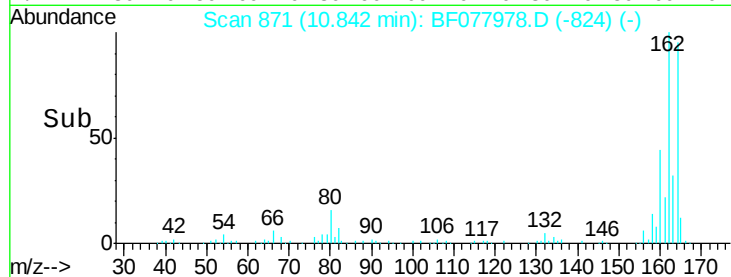
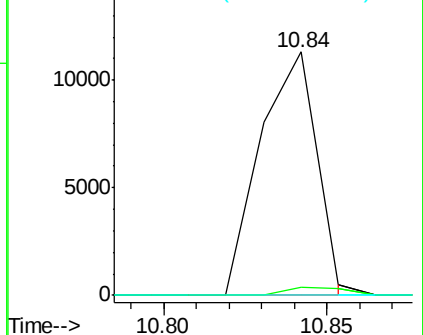
Tgt Ion	Ratio	Lower	Upper
165	100		
63	3.5	44.1	66.1#
89	0.0	44.3	66.5#



Abundance Ion 165.00 (164.70 to 165.70): E

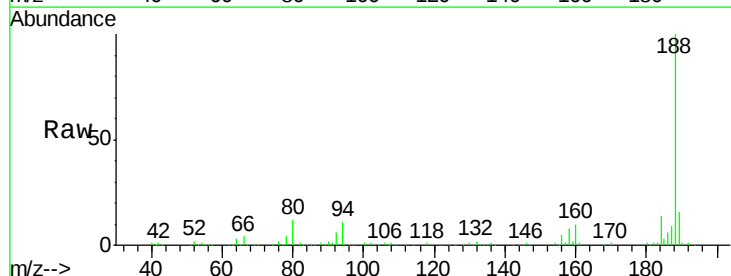
Ion 63.00 (62.70 to 63.70): BF0

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: BF077978.D
 Acq: 26 Mar 2015 5:29

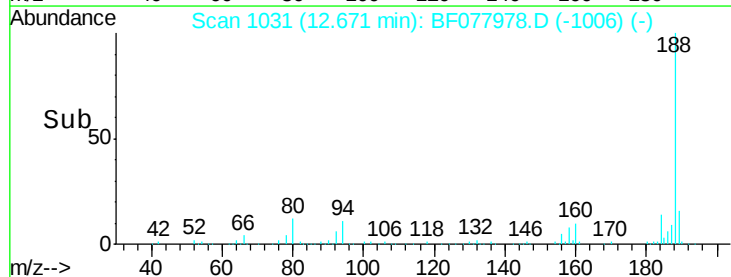
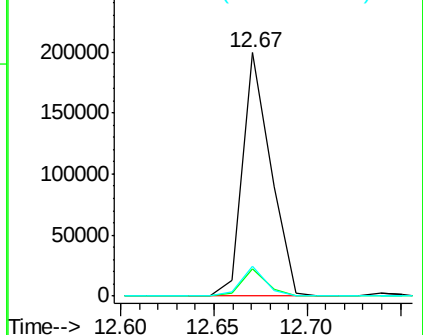
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.7	13.1
80	12.2	9.3	13.9

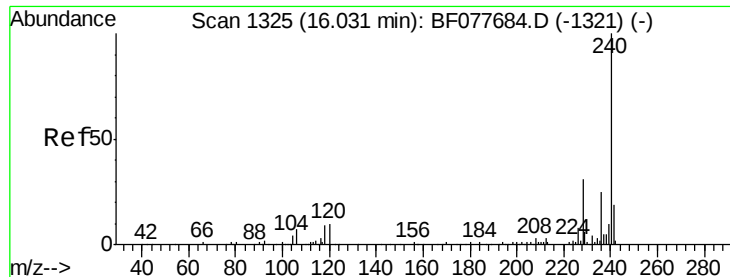


Abundance Ion 188.00 (187.70 to 188.70): E

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: 15.95 min Scan# 1318

Delta R.T. -0.02 min

Lab File: BF077978.D

Acq: 26 Mar 2015 5:29

Instrument :

BNA_F

ClientSampleId :

MW-10-3-23-15

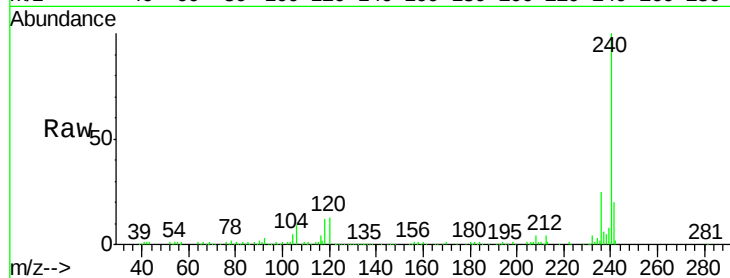
Tgt Ion:240 Resp: 218126

Ion Ratio Lower Upper

240 100

120 13.2 8.2 12.2#

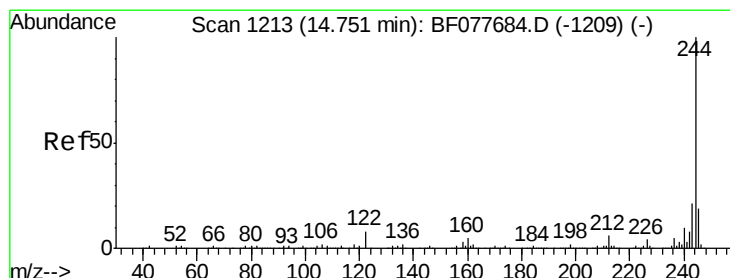
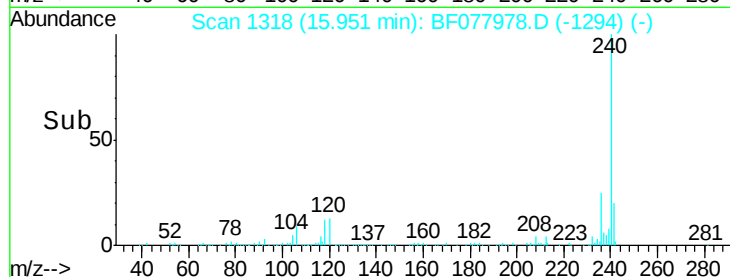
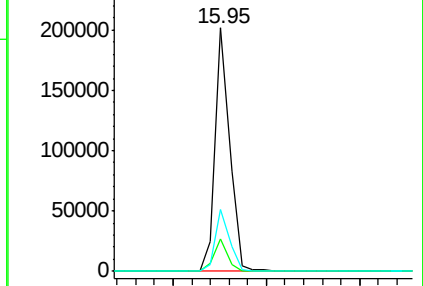
236 25.2 20.0 30.0



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: 64.34 ng

RT: 14.67 min Scan# 1206

Delta R.T. 0.00 min

Lab File: BF077978.D

Acq: 26 Mar 2015 5:29

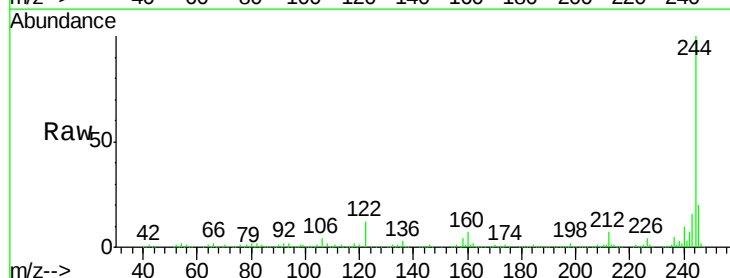
Tgt Ion:244 Resp: 574562

Ion Ratio Lower Upper

244 100

212 6.9 4.9 7.3

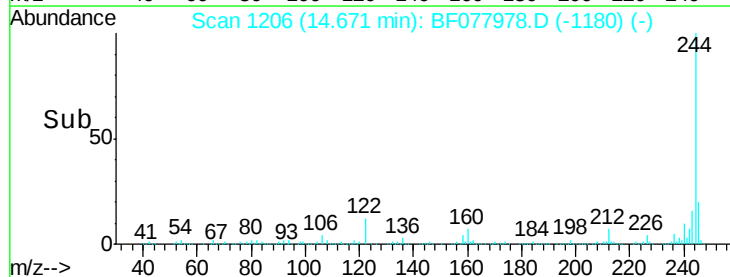
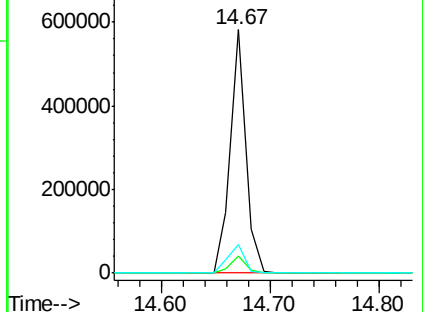
122 12.0 6.2 9.4#

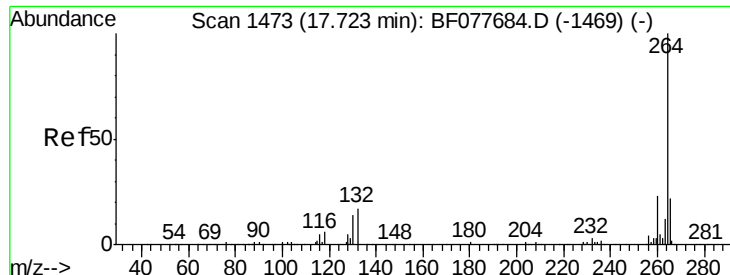


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

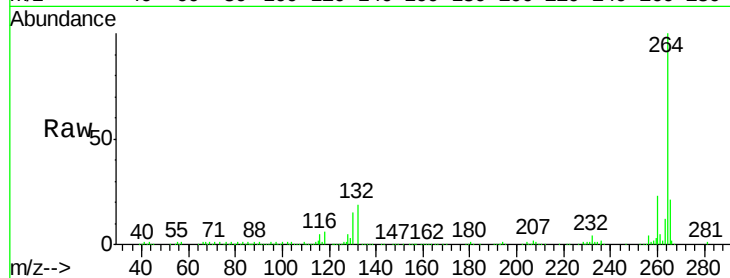




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.69 min Scan# 1470
Delta R.T. -0.06 min
Lab File: BF077978.D
Acq: 26 Mar 2015 5:29

Instrument :
BNA_F
ClientSampleId :
MW-10-3-23-15

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	27.8
265	21.2	17.3	25.9



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

