

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032615\
 Data File : BF078029.D
 Acq On : 27 Mar 2015 8:51
 Operator : TP/IZ
 Sample : G1611-13
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-29

Quant Time: Mar 27 14:10:34 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 19 02:09:19 2015
 Response via : Initial Calibration

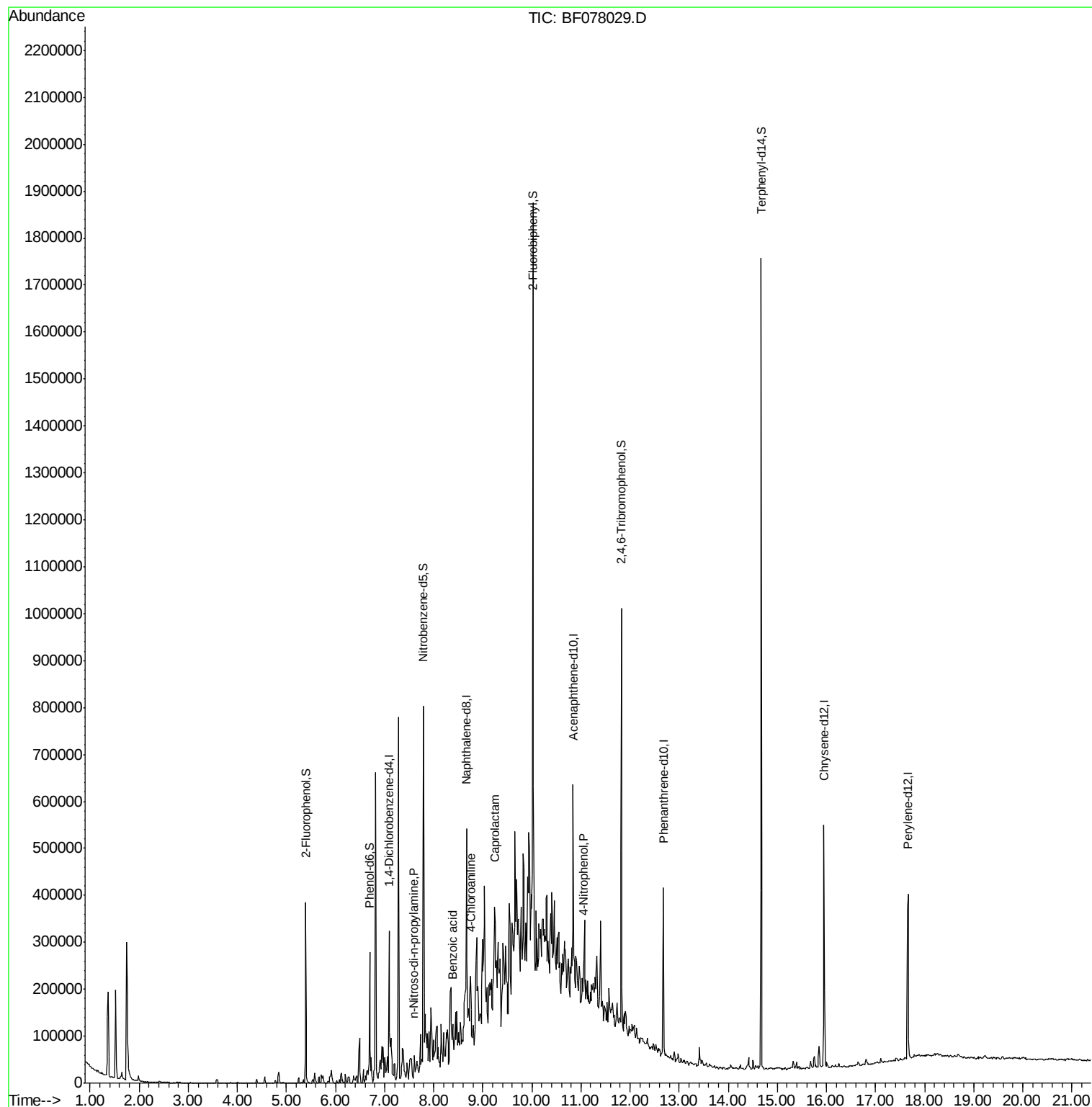
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	44540	20.00	ng	-0.07
21) Naphthalene-d8	8.67	136	182085	20.00	ng	-0.07
38) Acenaphthene-d10	10.84	164	100144	20.00	ng	-0.07
63) Phenanthrene-d10	12.68	188	186087	20.00	ng	-0.07
75) Chrysene-d12	15.95	240	198994	20.00	ng	-0.18
86) Perylene-d12	17.67	264	189567	20.00	ng	-0.43
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	127413	49.93	ng	-0.05
7) Phenol-d6	6.69	99	102181	32.41	ng	-0.03
23) Nitrobenzene-d5	7.79	82	242747	87.39	ng	-0.07
41) 2,4,6-Tribromophenol	11.82	330	110605	115.44	ng	-0.07
44) 2-Fluorobiphenyl	10.02	172	514267	75.47	ng	-0.07
78) Terphenyl-d14	14.67	244	615928	75.61	ng	-0.09
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.60	70	5101	2.34	ng	# 48
32) Benzoic acid	8.38	122	237	3.24	ng	# 1
33) 4-Chloroaniline	8.75	127	15685	4.13	ng	# 64
35) Caprolactam	9.24	113	2343	3.15	ng	# 1
55) 4-Nitrophenol	11.06	139	6277	4.74	ng	# 18
76) Benzidine	14.23	184	1121	Below Cal		# 71

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.09 min Scan# 543

Delta R.T. -0.07 min

Lab File: BF078029.D

Acq: 27 Mar 2015 8:51

Instrument :

BNA_F

ClientSampled :

MW-29

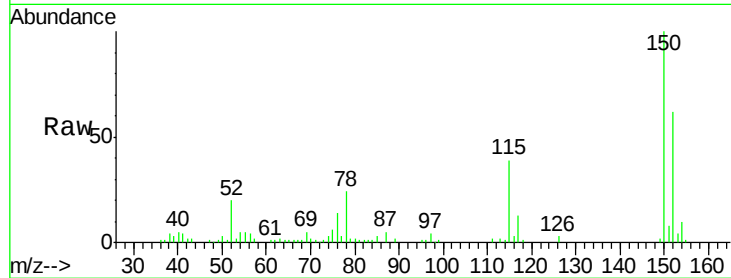
Tgt Ion:152 Resp: 44540

Ion Ratio Lower Upper

152 100

150 162.2 119.5 179.3

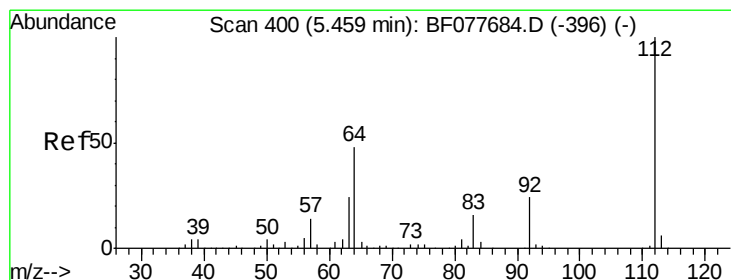
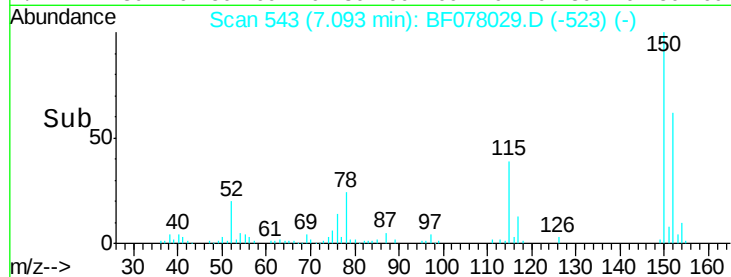
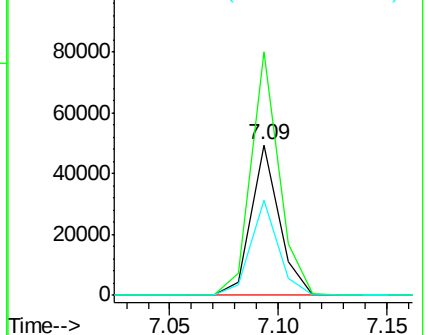
115 63.0 43.0 64.4



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



#5

2-Fluorophenol

Concen: 49.93 ng

RT: 5.39 min Scan# 394

Delta R.T. -0.05 min

Lab File: BF078029.D

Acq: 27 Mar 2015 8:51

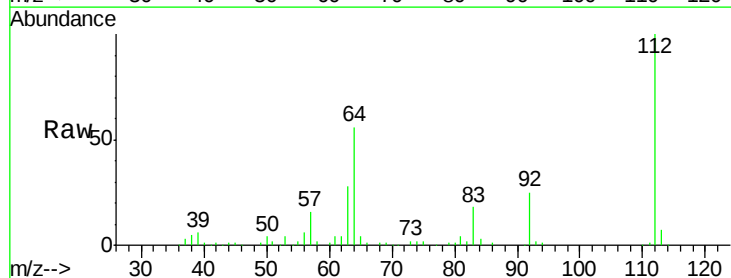
Tgt Ion:112 Resp: 127413

Ion Ratio Lower Upper

112 100

64 56.0 38.6 57.8

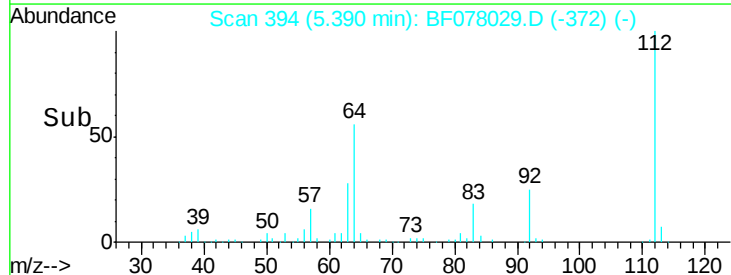
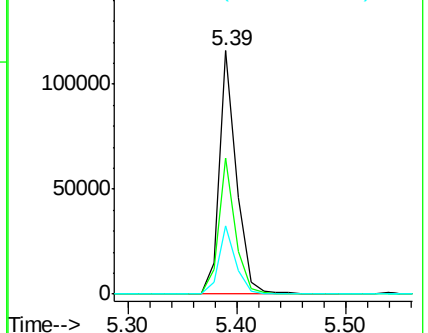
63 28.3 19.3 28.9

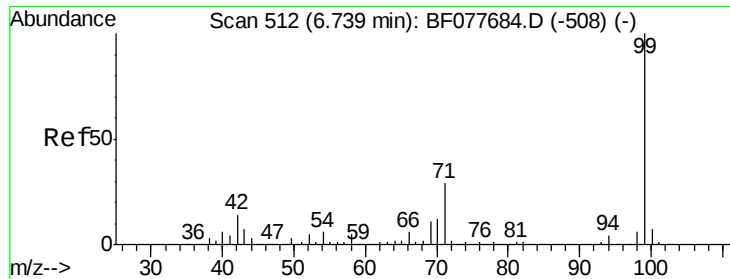


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 32.41 ng

RT: 6.69 min Scan# 508

Delta R.T. -0.03 min

Lab File: BF078029.D

Acq: 27 Mar 2015 8:51

Instrument :

BNA_F

ClientSampled :

MW-29

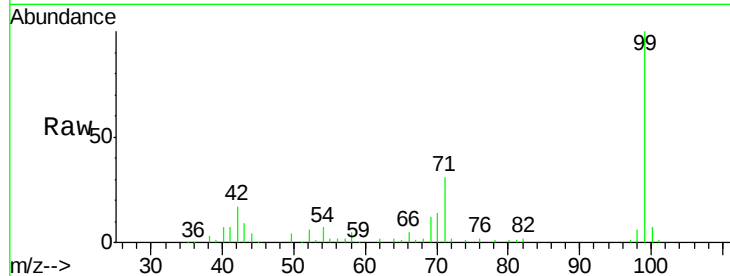
Tgt Ion: 99 Resp: 102181

Ion Ratio Lower Upper

99 100

42 16.7 11.0 16.4#

71 30.7 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

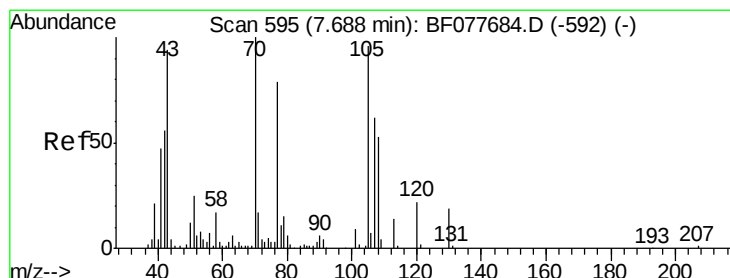
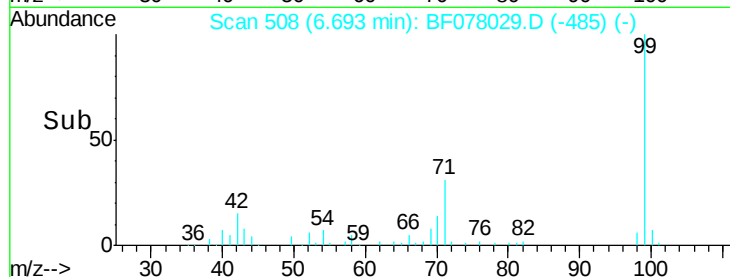
6.69

100000

50000

0

Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 2.34 ng

RT: 7.60 min Scan# 587

Delta R.T. -0.09 min

Lab File: BF078029.D

Acq: 27 Mar 2015 8:51

Tgt Ion: 70 Resp: 5101

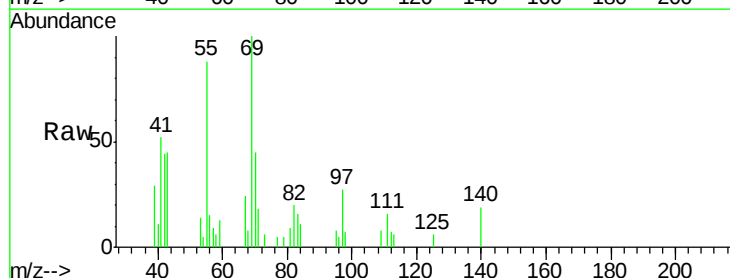
Ion Ratio Lower Upper

70 100

42 99.4 44.5 66.7#

101 0.0 7.4 11.2#

130 0.0 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): BF0

Ion 130.00 (129.70 to 130.70): BF0

7.60

5000

4000

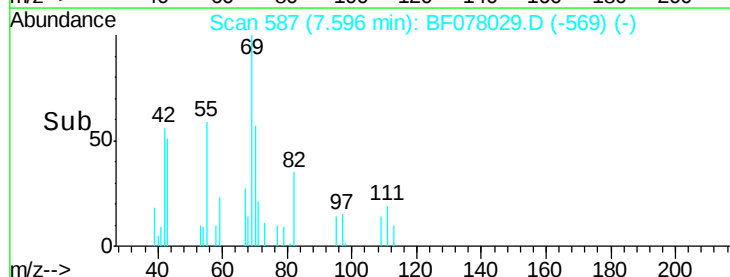
3000

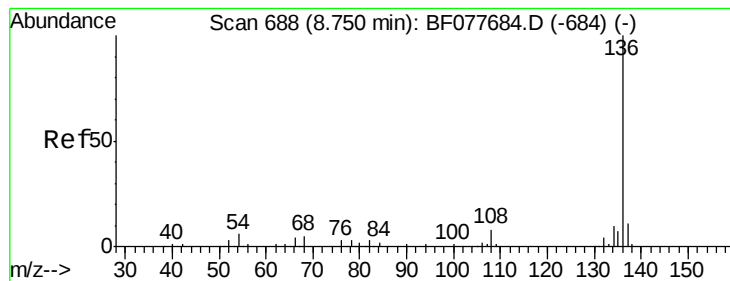
2000

1000

0

Time-->

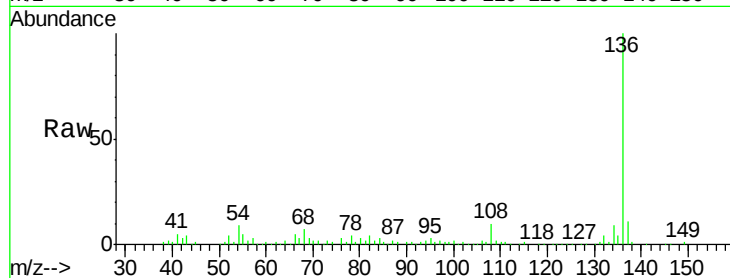




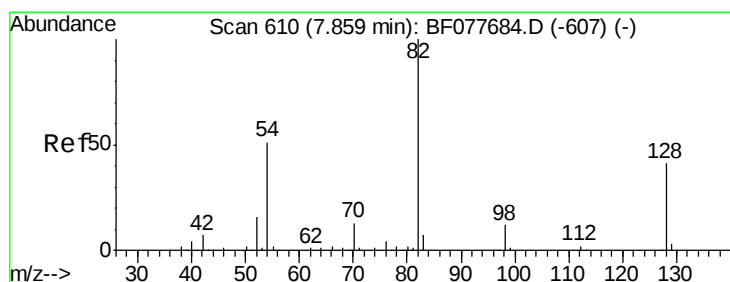
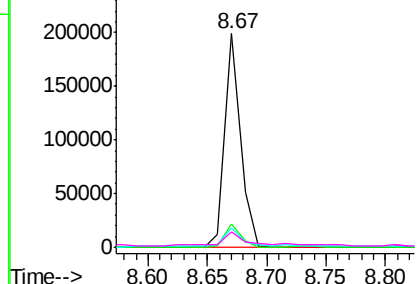
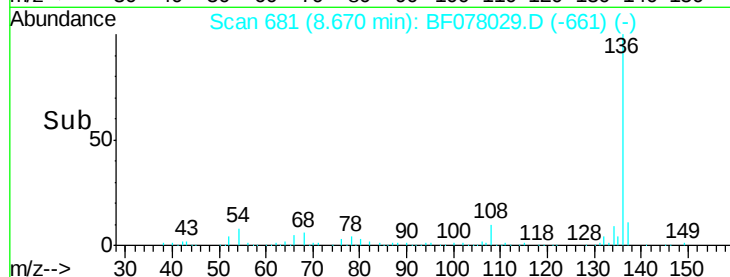
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.67 min Scan# 681
Delta R.T. -0.07 min
Lab File: BF078029.D
Acq: 27 Mar 2015 8:51

Instrument :
BNA_F
ClientSampleId :
MW-29

Tgt Ion:	136	Resp:	182085
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	8.8	4.6	6.8#
68	7.0	3.7	5.5#

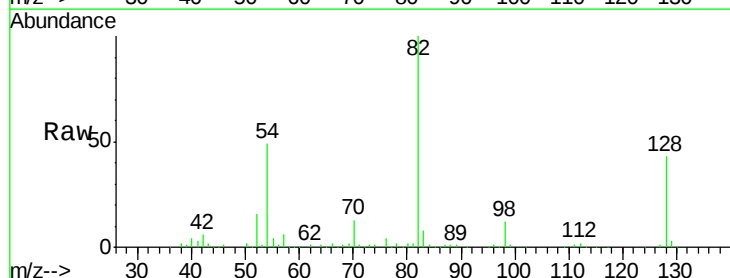


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

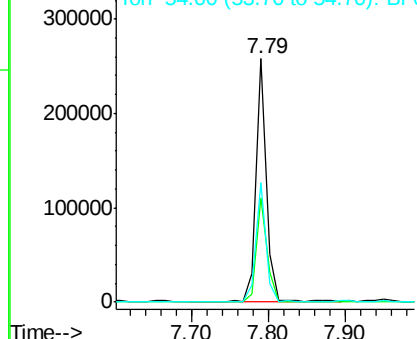
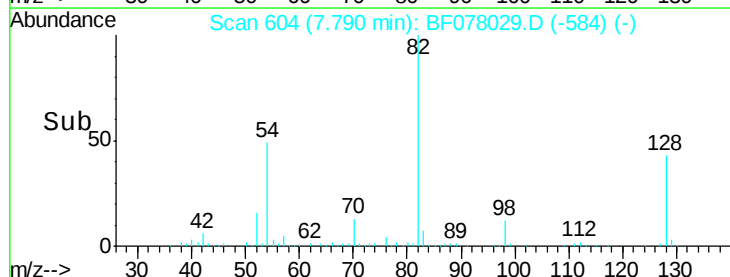


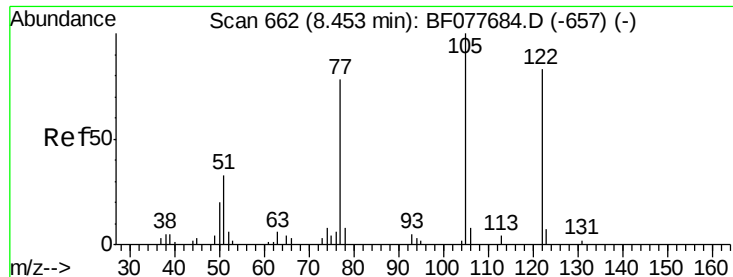
#23
Nitrobenzene-d5
Concen: 87.39 ng
RT: 7.79 min Scan# 604
Delta R.T. -0.07 min
Lab File: BF078029.D
Acq: 27 Mar 2015 8:51

Tgt Ion:	82	Resp:	242747
Ion	Ratio	Lower	Upper
82	100		
128	43.0	32.8	49.2
54	49.1	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

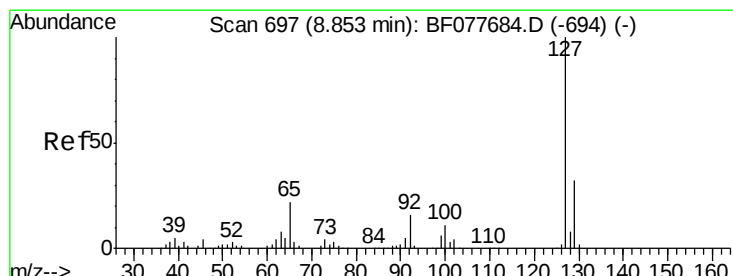
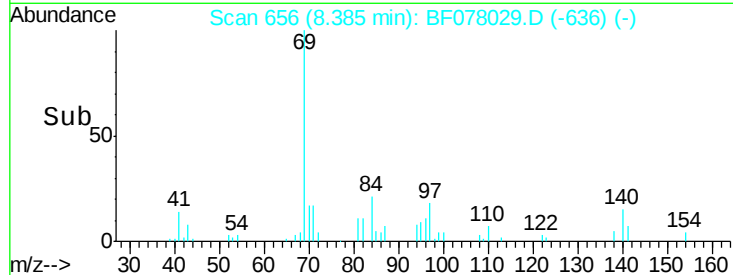
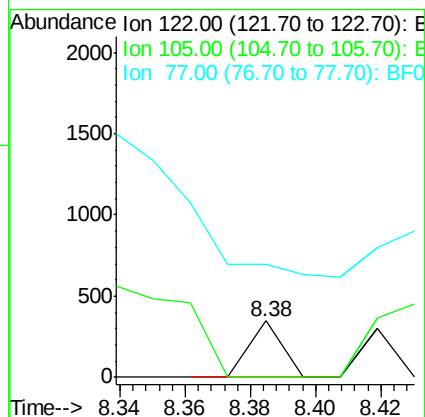
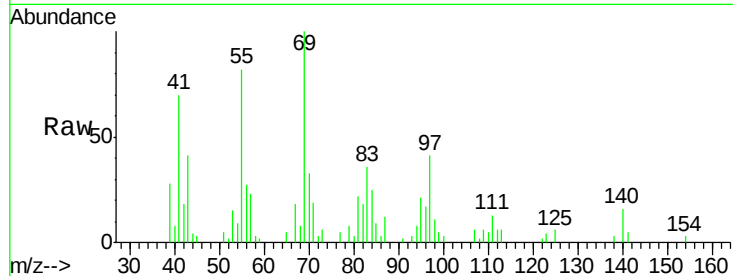




#32
Benzoic acid
Concen: 3.24 ng
RT: 8.38 min Scan# 656
Delta R.T. -0.07 min
Lab File: BF078029.D
Acq: 27 Mar 2015 8:51

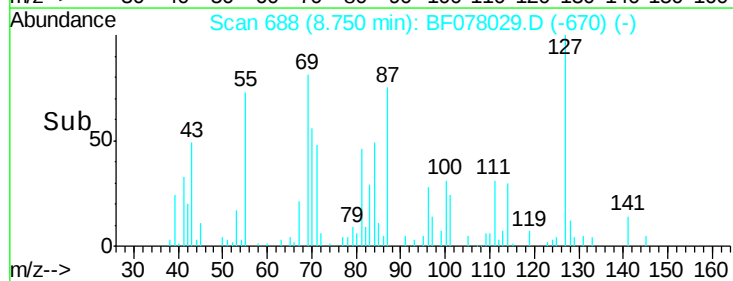
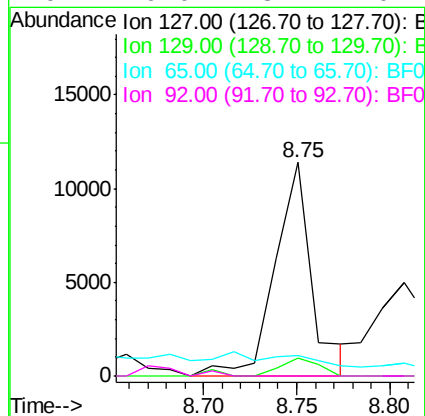
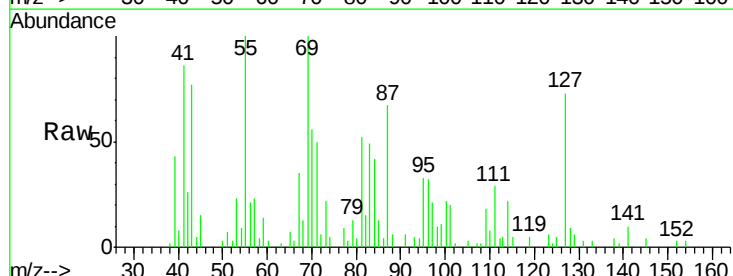
Instrument :
BNA_F
ClientSampled :
MW-29

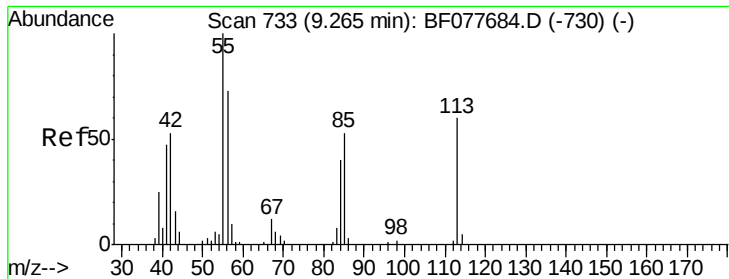
Tgt Ion:122 Resp: 237
Ion Ratio Lower Upper
122 100
105 0.0 99.9 139.9#
77 202.3 73.7 113.7#



#33
4-Chloroaniline
Concen: 4.13 ng
RT: 8.75 min Scan# 688
Delta R.T. -0.09 min
Lab File: BF078029.D
Acq: 27 Mar 2015 8:51

Tgt Ion:127 Resp: 15685
Ion Ratio Lower Upper
127 100
129 8.4 25.3 37.9#
65 9.8 17.6 26.4#
92 0.0 13.1 19.7#

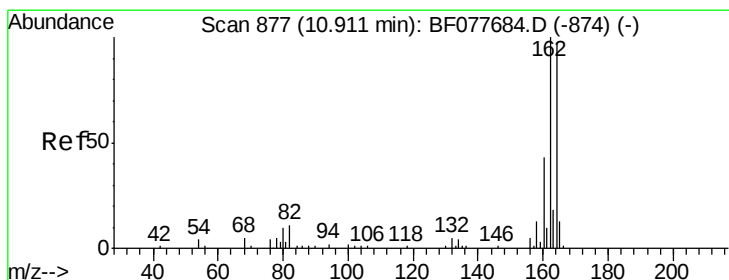
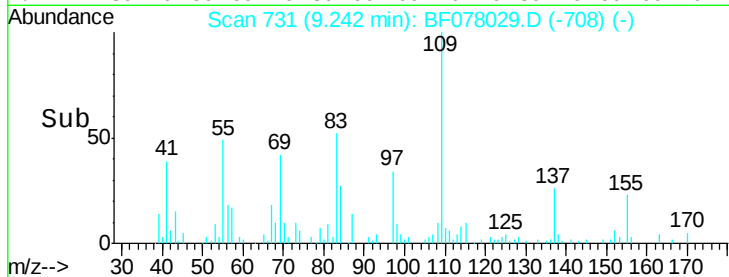
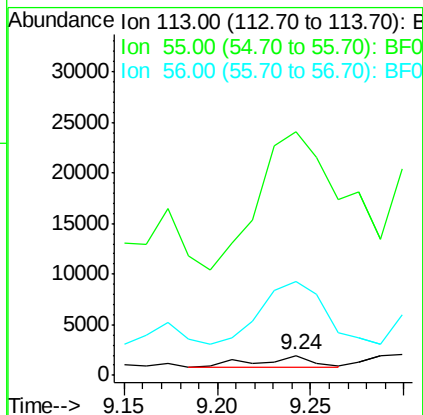
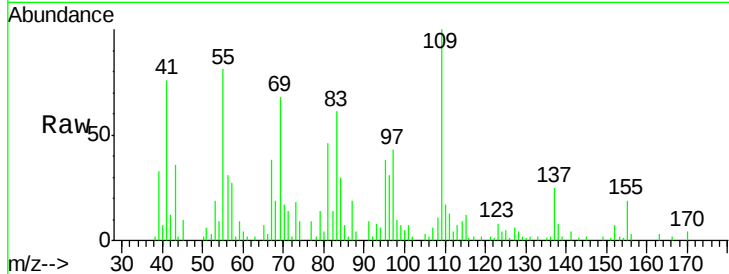




#35
 Caprolactam
 Concen: 3.15 ng
 RT: 9.24 min Scan# 731
 Delta R.T. -0.03 min
 Lab File: BF078029.D
 Acq: 27 Mar 2015 8:51

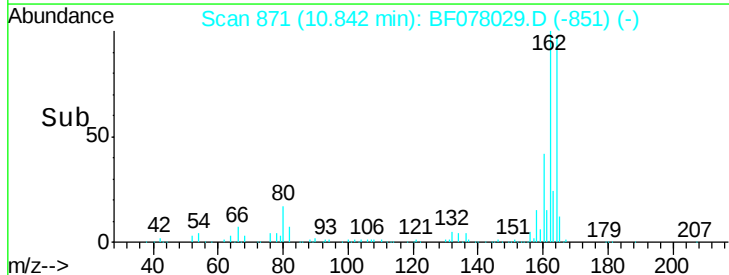
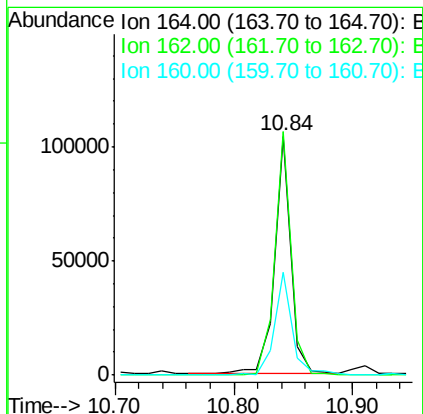
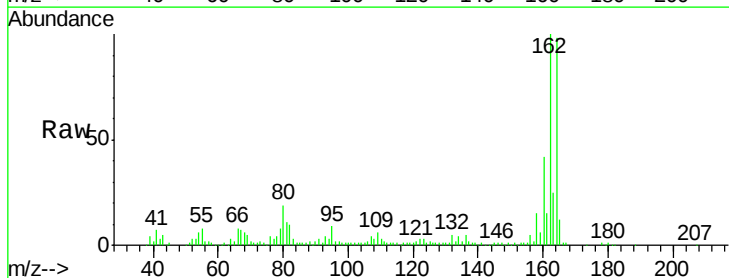
Instrument :
 BNA_F
 ClientSampleId :
 MW-29

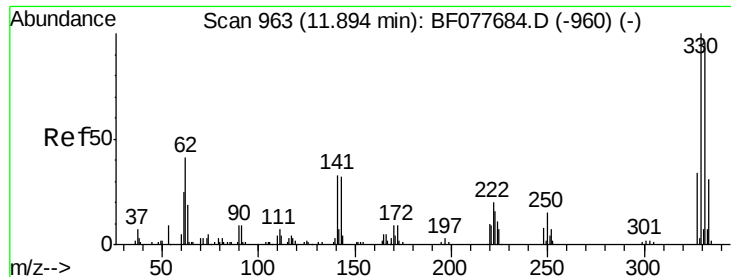
Tgt Ion:113 Resp: 2343
 Ion Ratio Lower Upper
 113 100
 55 1217.6 145.9 185.9#
 56 467.8 101.0 141.0#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.84 min Scan# 871
 Delta R.T. -0.07 min
 Lab File: BF078029.D
 Acq: 27 Mar 2015 8:51

Tgt Ion:164 Resp: 100144
 Ion Ratio Lower Upper
 164 100
 162 102.0 82.4 123.6
 160 43.1 35.8 53.6

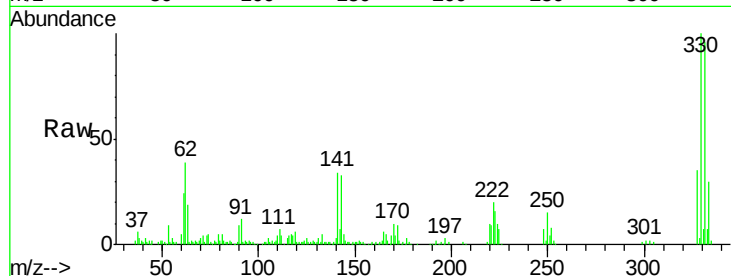




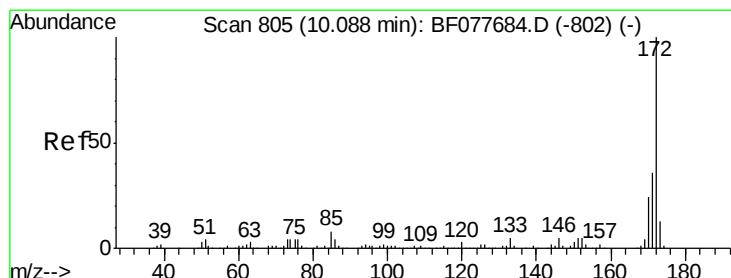
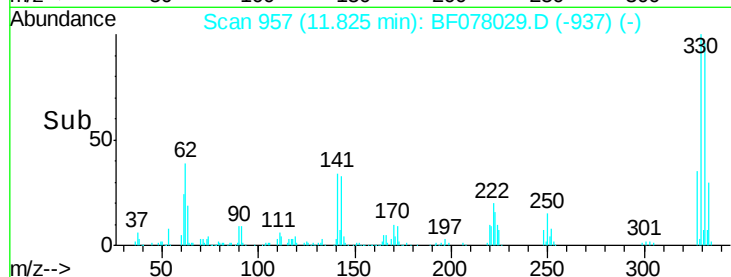
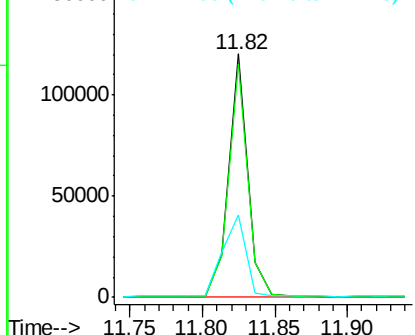
#41
 2,4,6-Tribromophenol
 Concen: 115.44 ng
 RT: 11.82 min Scan# 957
 Delta R.T. -0.07 min
 Lab File: BF078029.D
 Acq: 27 Mar 2015 8:51

Instrument :
 BNA_F
 ClientSampleId :
 MW-29

Tgt Ion:330 Resp: 110605
 Ion Ratio Lower Upper
 330 100
 332 96.5 0.0 0.0#
 141 40.4 0.0 0.0#

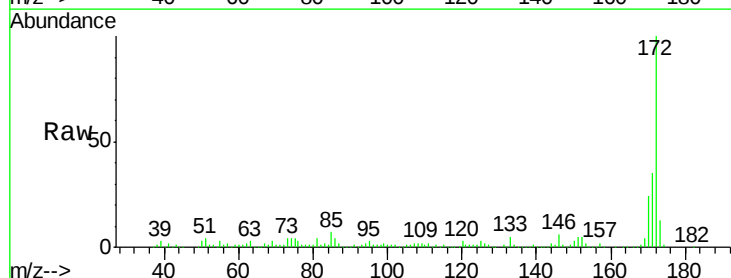


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

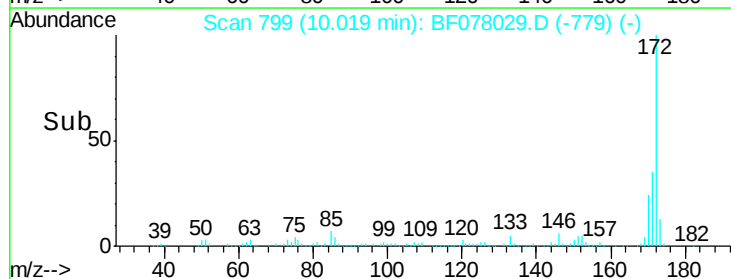
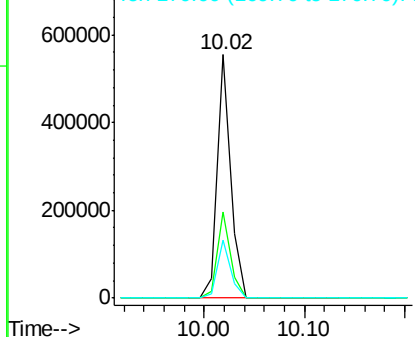


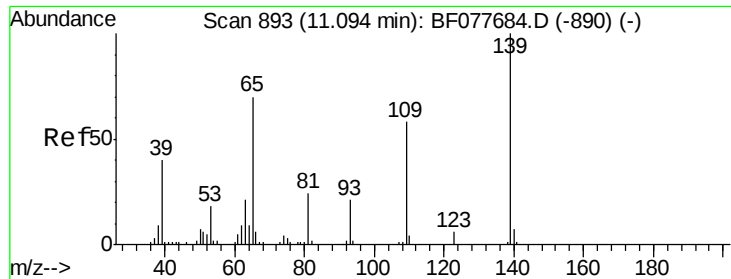
#44
 2-Fluorobiphenyl
 Concen: 75.47 ng
 RT: 10.02 min Scan# 799
 Delta R.T. -0.07 min
 Lab File: BF078029.D
 Acq: 27 Mar 2015 8:51

Tgt Ion:172 Resp: 514267
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.5 42.7
 170 23.6 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

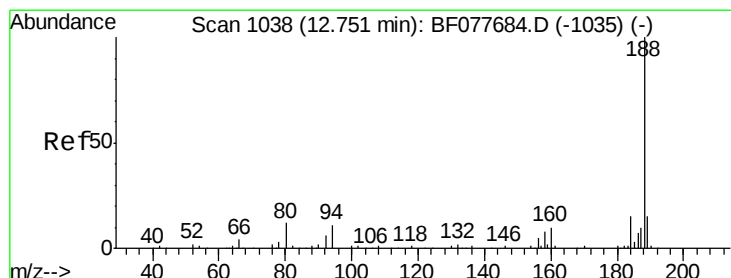
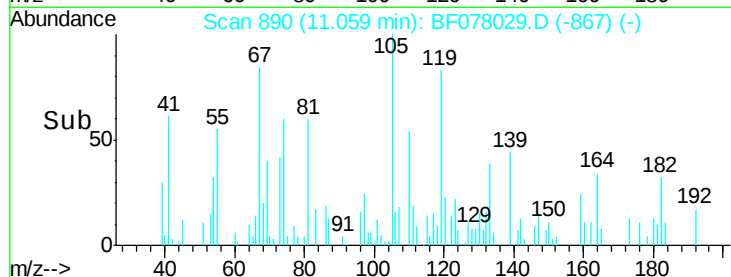
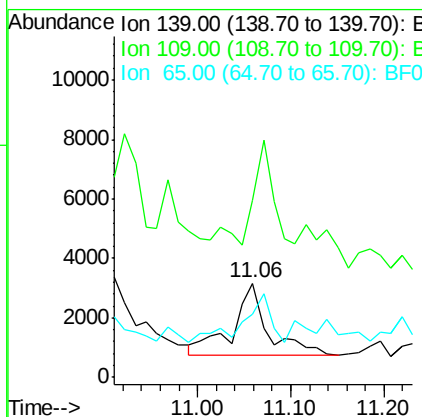
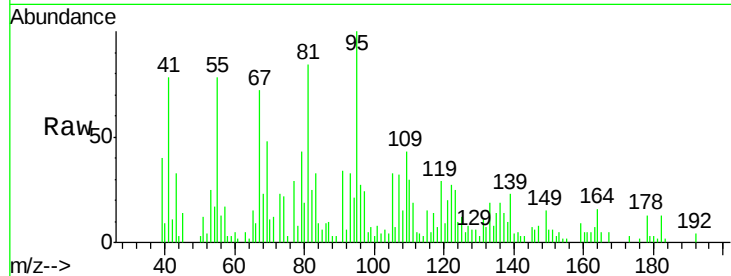




#55
4-Nitrophenol
Concen: 4.74 ng
RT: 11.06 min Scan# 890
Delta R.T. -0.03 min
Lab File: BF078029.D
Acq: 27 Mar 2015 8:51

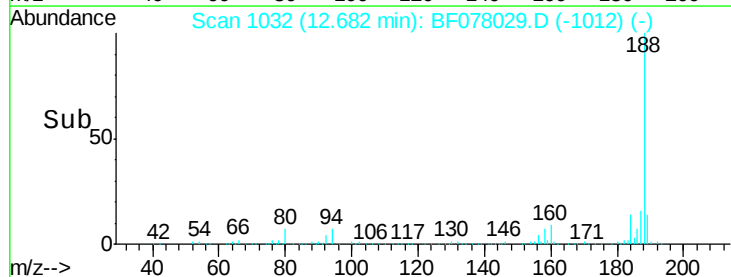
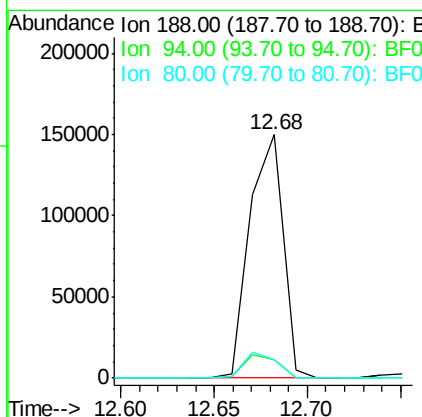
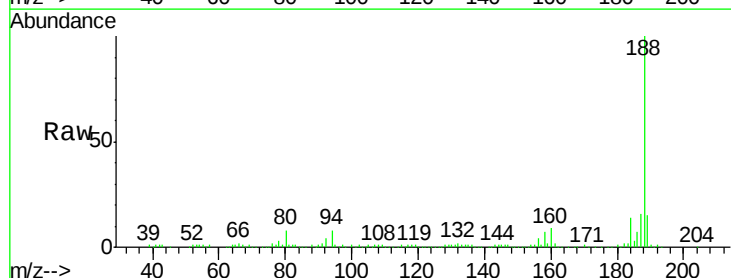
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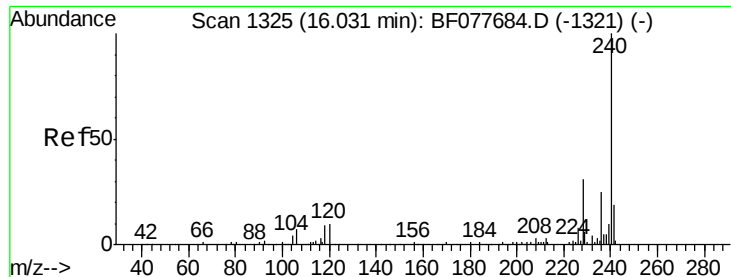
Tgt Ion:139 Resp: 6277
Ion Ratio Lower Upper
139 100
109 189.2 37.7 77.7#
65 67.5 49.9 89.9



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.68 min Scan# 1032
Delta R.T. -0.07 min
Lab File: BF078029.D
Acq: 27 Mar 2015 8:51

Tgt Ion:188 Resp: 186087
Ion Ratio Lower Upper
188 100
94 7.7 8.7 13.1#
80 7.8 9.3 13.9#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.95 min Scan# 1318

Delta R.T. -0.18 min

Lab File: BF078029.D

Acq: 27 Mar 2015 8:51

Instrument :

BNA_F

ClientSampleId :

MW-29

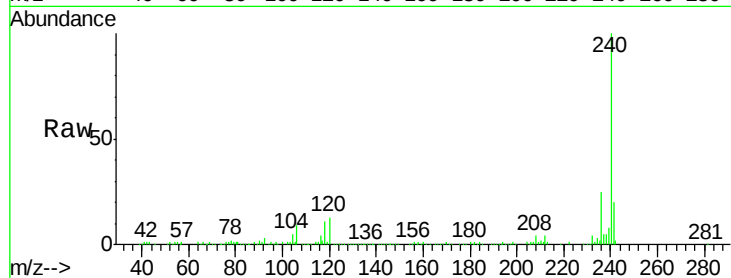
Tgt Ion:240 Resp: 198994

Ion Ratio Lower Upper

240 100

120 12.7 8.2 12.2#

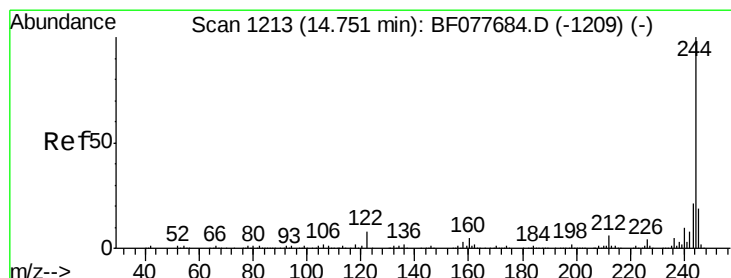
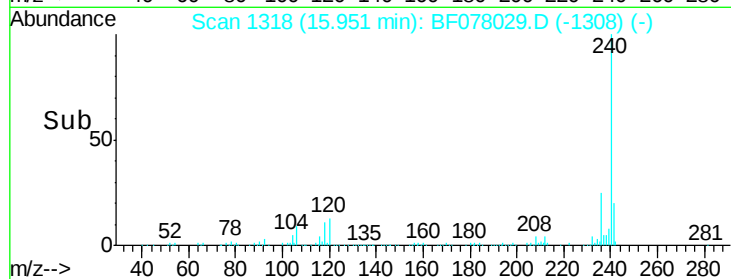
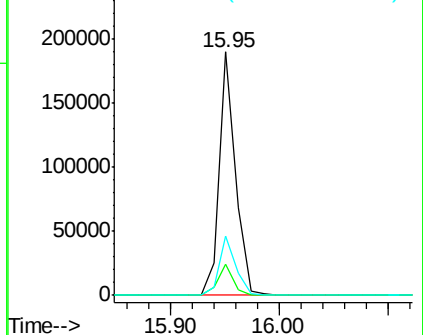
236 24.5 20.0 30.0



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: 75.61 ng

RT: 14.67 min Scan# 1206

Delta R.T. -0.09 min

Lab File: BF078029.D

Acq: 27 Mar 2015 8:51

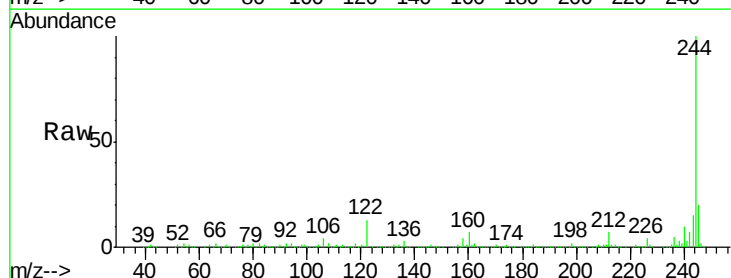
Tgt Ion:244 Resp: 615928

Ion Ratio Lower Upper

244 100

212 6.7 4.9 7.3

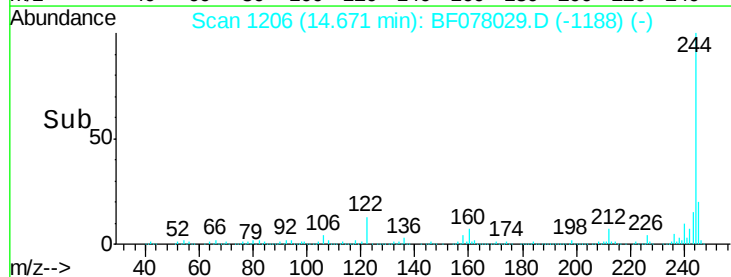
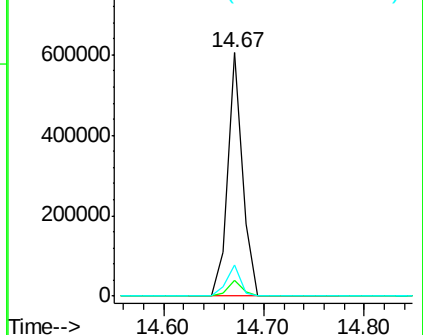
122 12.8 6.2 9.4#

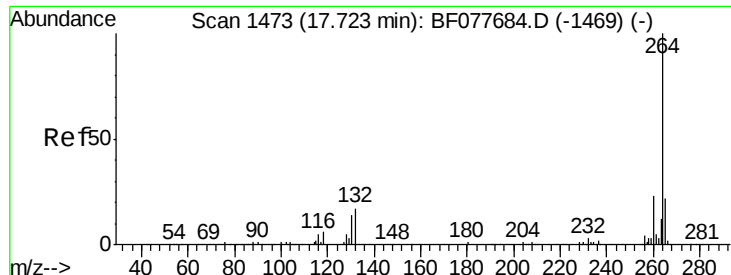


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

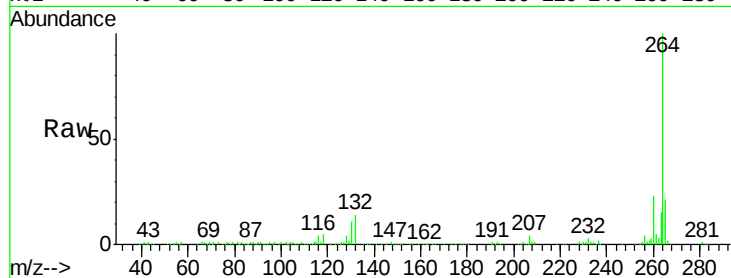




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.67 min Scan# 1468
Delta R.T. -0.43 min
Lab File: BF078029.D
Acq: 27 Mar 2015 8:51

Instrument :
BNA_F
ClientSampleId :
MW-29

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	27.8
265	21.3	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

