

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031915\
 Data File : BF077844.D
 Acq On : 19 Mar 2015 21:40
 Operator : TP/IZ
 Sample : G1573-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

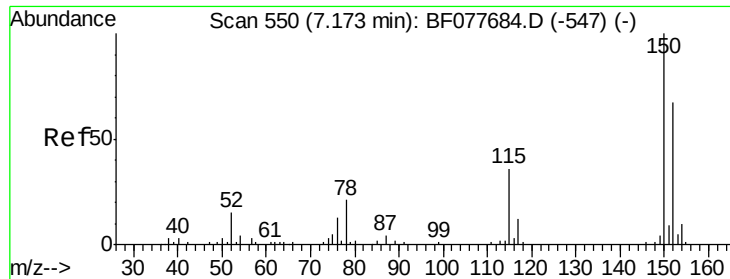
Instrument :
 BNA_F
 ClientSampleId :
 MW-01

Quant Time: Mar 20 00:17:52 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	38078	20.00	ng	0.00
21) Naphthalene-d8	8.73	136	154465	20.00	ng	0.00
38) Acenaphthene-d10	10.90	164	81946	20.00	ng	0.00
63) Phenanthrene-d10	12.74	188	157347	20.00	ng	0.00
75) Chrysene-d12	16.03	240	176492	20.00	ng	0.00
86) Perylene-d12	17.81	264	176382	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	123450	56.59	ng	0.01
7) Phenol-d6	6.73	99	93825	34.81	ng	0.00
23) Nitrobenzene-d5	7.85	82	224430	95.24	ng	0.00
41) 2,4,6-Tribromophenol	11.88	330	101539	129.51	ng	0.00
44) 2-Fluorobiphenyl	10.08	172	477781	85.68	ng	0.00
78) Terphenyl-d14	14.74	244	495004	68.51	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.78	88	33979	34.31	ng	# 100
15) Benzyl Alcohol	7.33	79	4798	2.28	ng	# 51
18) Hexachloroethane	7.85	117	113756	115.58	ng	# 3
19) n-Nitroso-di-n-propylamine	7.85	70	29316	15.72	ng	# 80
24) Nitrobenzene	7.82	77	18054	7.11	ng	# 25
32) Benzoic acid	8.34	122	248	3.28	ng	# 40
64) 4,6-Dinitro-2-methylphenol	11.69	198	215	4.56	ng	# 1
76) Benzidine	14.28	184	212	Below Cal		# 68

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

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Sample    : G1573-07  
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ALS Vial  : 16      Sample Multiplier: 1
```

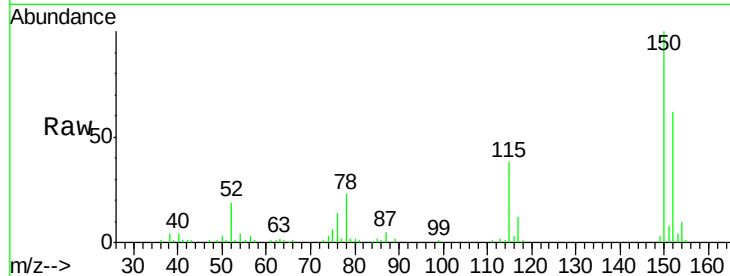


#1

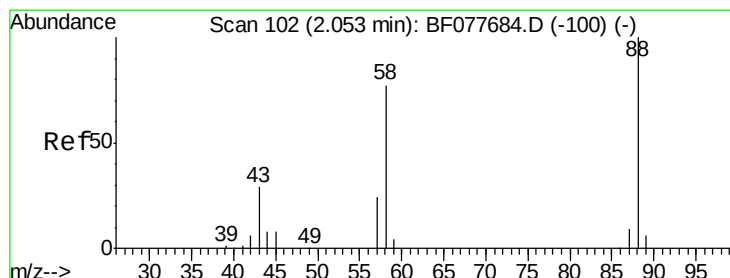
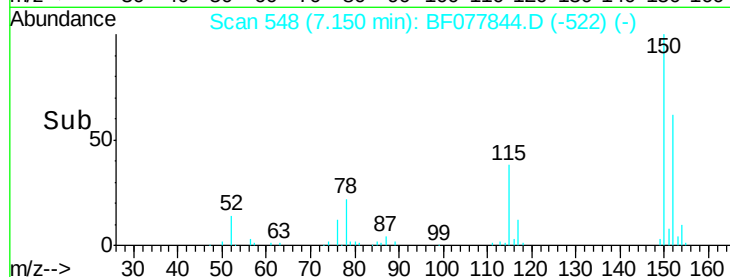
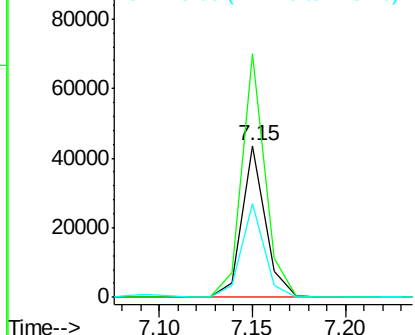
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.15 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF077844.D
Acq: 19 Mar 2015 21:40

Instrument :
BNA_F
ClientSampleId :
MW-01

Tgt Ion:152 Resp: 38078
Ion Ratio Lower Upper
152 100
150 160.6 119.5 179.3
115 61.7 43.0 64.4



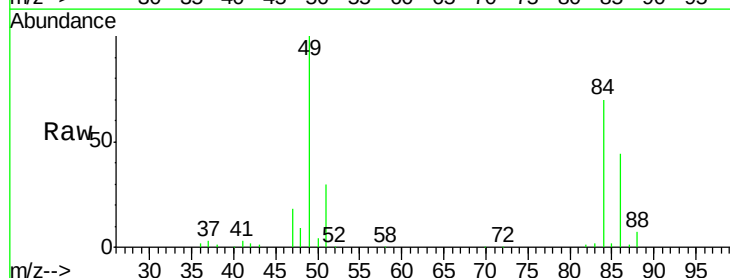
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



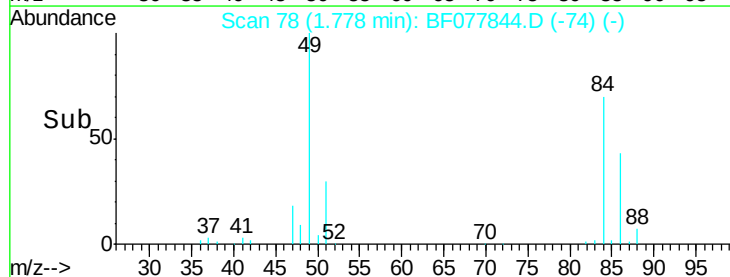
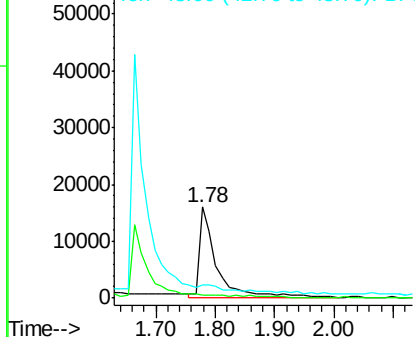
#2

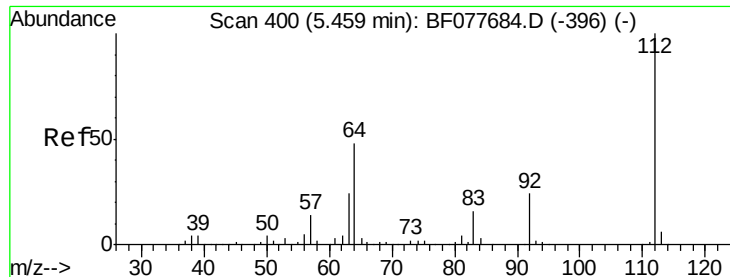
1,4-Dioxane
Concen: 34.31 ng
RT: 1.78 min Scan# 78
Delta R.T. -0.25 min
Lab File: BF077844.D
Acq: 19 Mar 2015 21:40

Tgt Ion: 88 Resp: 33979
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: 56.59 ng

RT: 5.45 min Scan# 399

Delta R.T. 0.01 min

Lab File: BF077844.D

Acq: 19 Mar 2015 21:40

Instrument :

BNA_F

ClientSampleId :

MW-01

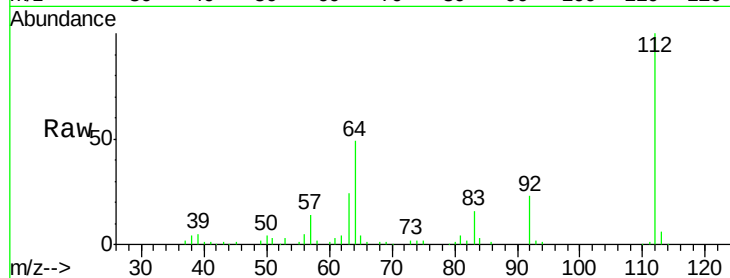
Tgt Ion: 112 Resp: 123450

Ion Ratio Lower Upper

112 100

64 48.7 38.6 57.8

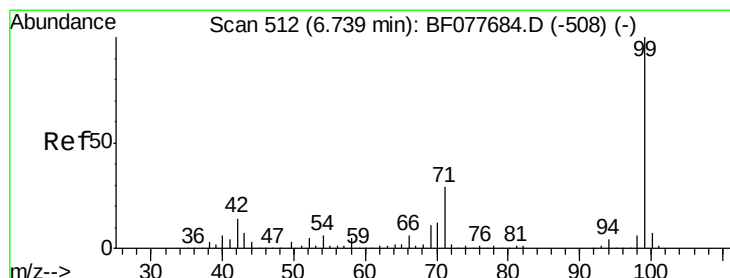
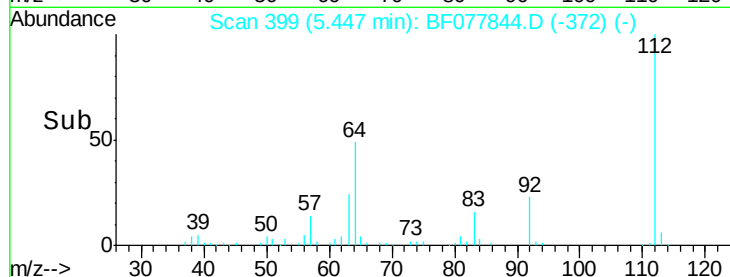
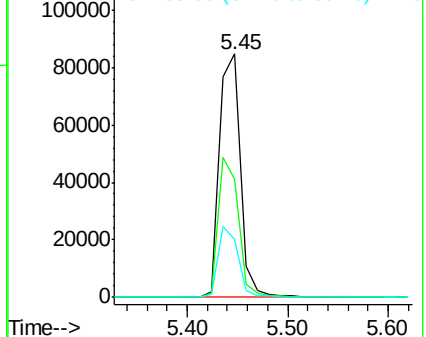
63 23.8 19.3 28.9



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: 34.81 ng

RT: 6.73 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF077844.D

Acq: 19 Mar 2015 21:40

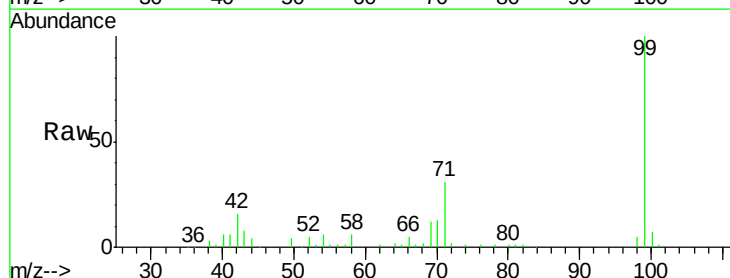
Tgt Ion: 99 Resp: 93825

Ion Ratio Lower Upper

99 100

42 15.9 11.0 16.4

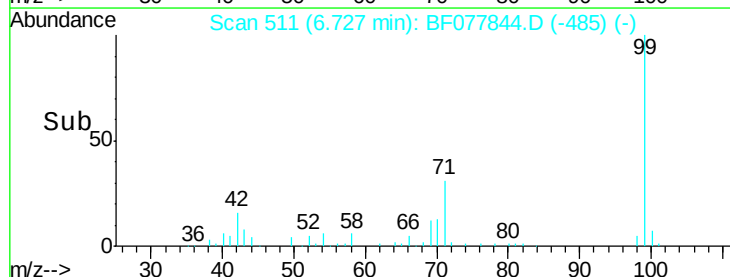
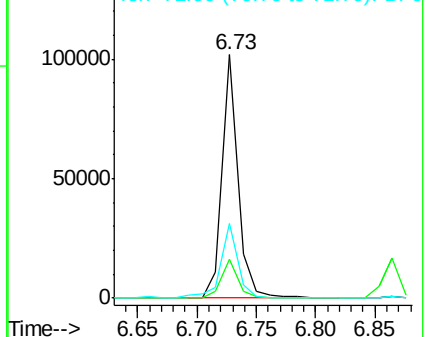
71 30.9 23.4 35.2

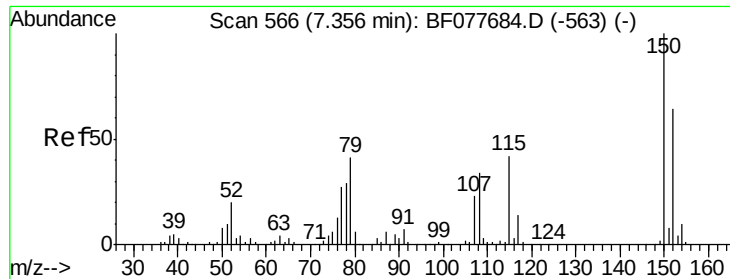


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#15

Benzyl Alcohol

Concen: 2.28 ng

RT: 7.33 min Scan# 564

Delta R.T. -0.01 min

Lab File: BF077844.D

Acq: 19 Mar 2015 21:40

Instrument :

BNA_F

ClientSampleId :

MW-01

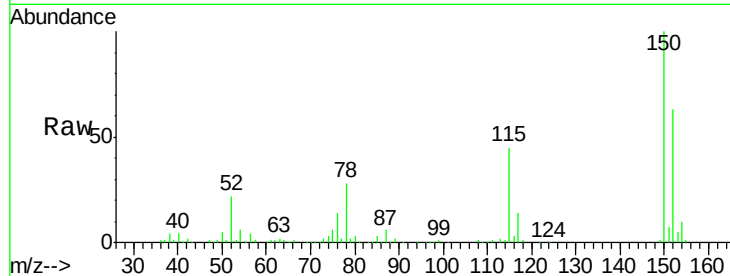
Tgt Ion: 79 Resp: 4798

Ion Ratio Lower Upper

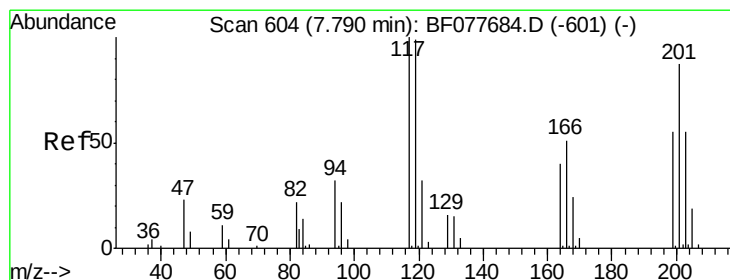
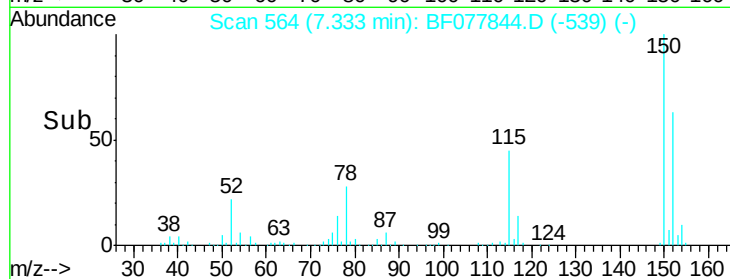
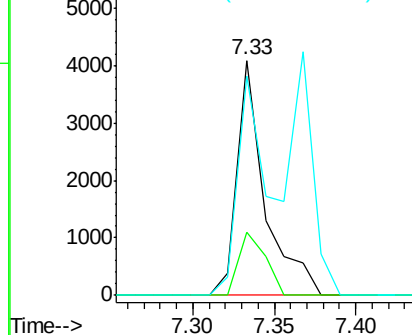
79 100

108 26.8 65.0 97.4#

77 93.4 53.0 79.6#



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0



#18

Hexachloroethane

Concen: 115.58 ng

RT: 7.85 min Scan# 609

Delta R.T. 0.08 min

Lab File: BF077844.D

Acq: 19 Mar 2015 21:40

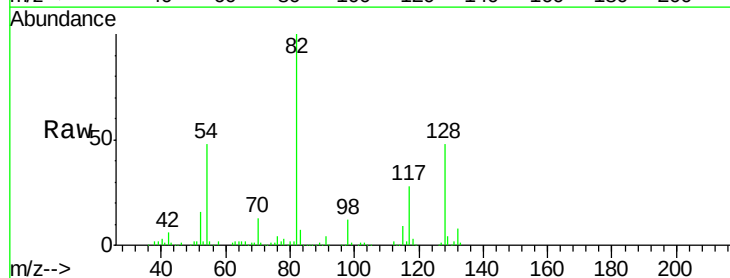
Tgt Ion: 117 Resp: 113756

Ion Ratio Lower Upper

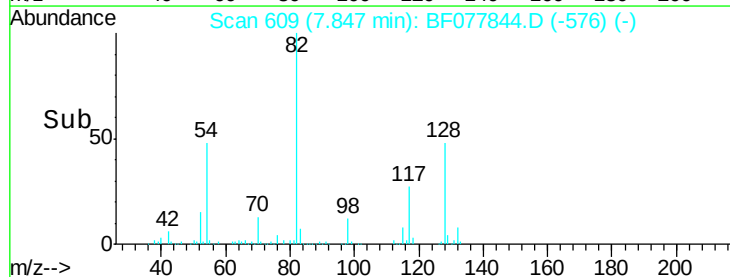
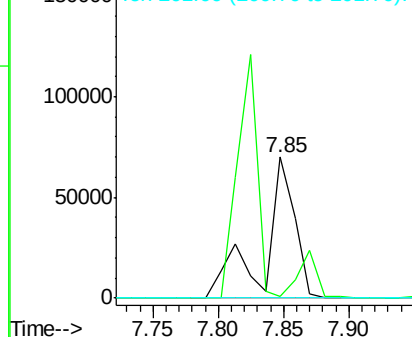
117 100

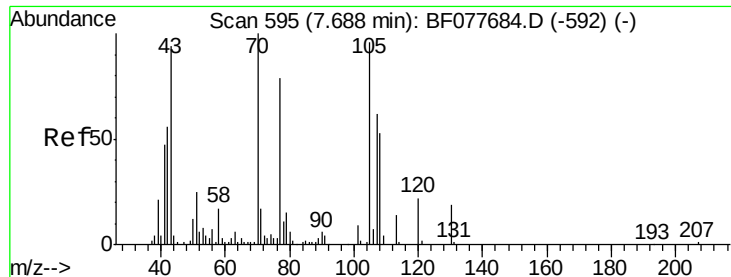
119 0.8 79.2 118.8#

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

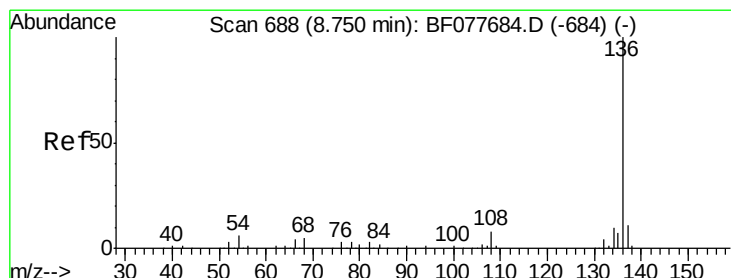
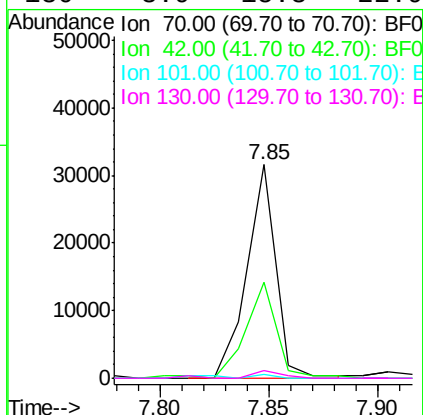
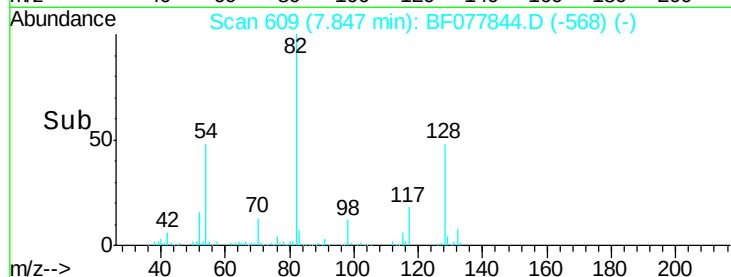
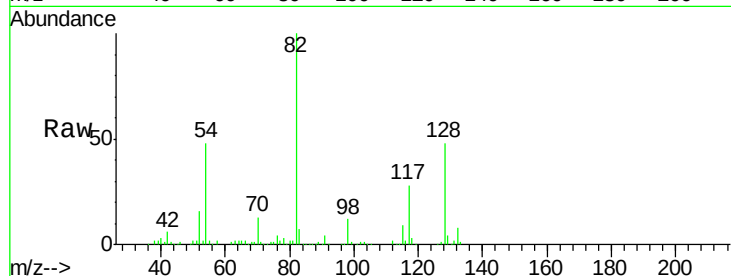




#19
n-Nitroso-di-n-propylamine
Concen: 15.72 ng
RT: 7.85 min Scan# 609
Delta R.T. 0.17 min
Lab File: BF077844.D
Acq: 19 Mar 2015 21:40

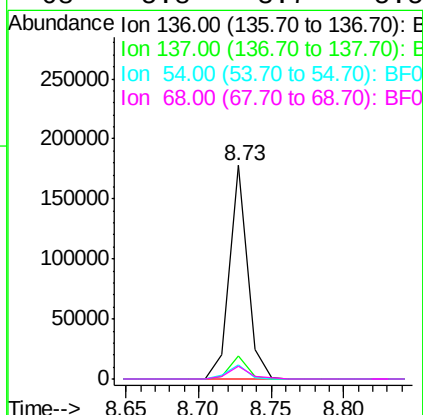
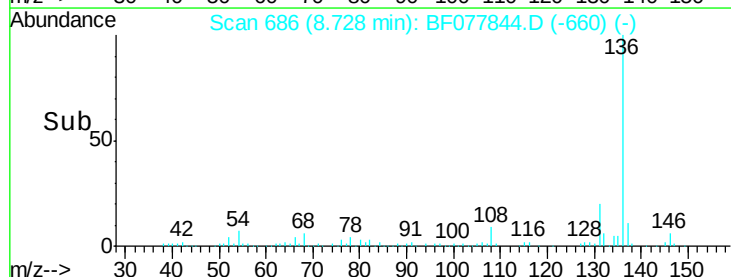
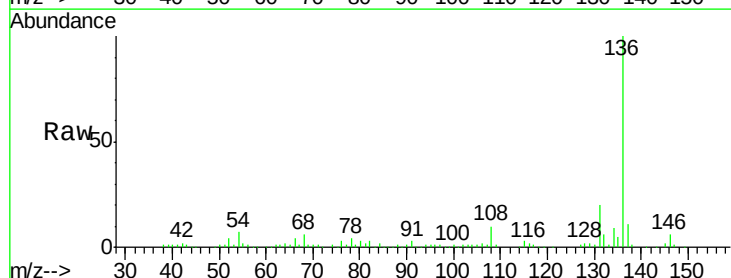
Instrument :
BNA_F
ClientSampled :
MW-01

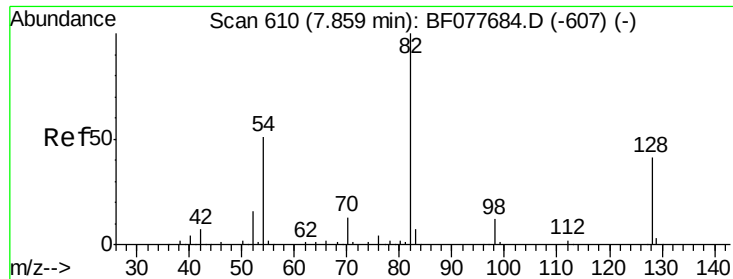
Tgt Ion: 70 Resp: 29316
Ion Ratio Lower Upper
70 100
42 45.1 44.5 66.7
101 1.8 7.4 11.2#
130 3.9 15.3 22.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.73 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF077844.D
Acq: 19 Mar 2015 21:40

Tgt Ion: 136 Resp: 154465
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 6.8 4.6 6.8#
68 5.8 3.7 5.5#





#23

Nitrobenzene-d5

Concen: 95.24 ng

RT: 7.85 min Scan# 609

Delta R.T. 0.00 min

Lab File: BF077844.D

Acq: 19 Mar 2015 21:40

Instrument :

BNA_F

ClientSampleId :

MW-01

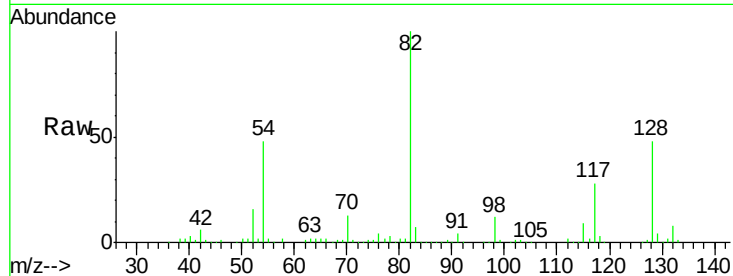
Tgt Ion: 82 Resp: 224430

Ion Ratio Lower Upper

82 100

128 47.6 32.8 49.2

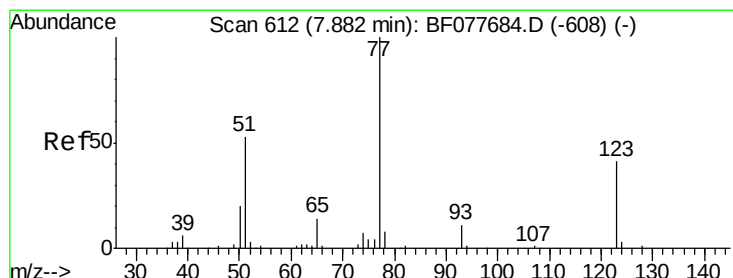
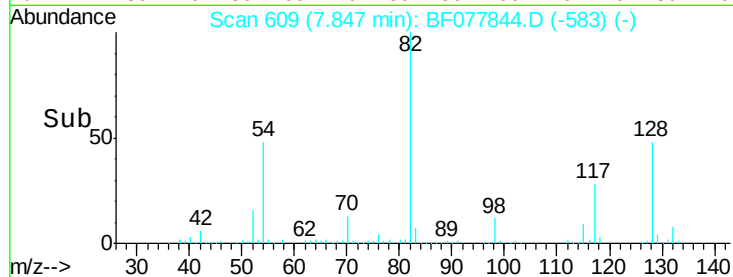
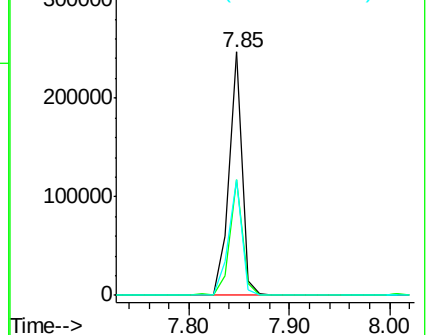
54 47.7 40.6 60.8



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



#24

Nitrobenzene

Concen: 7.11 ng

RT: 7.82 min Scan# 607

Delta R.T. -0.05 min

Lab File: BF077844.D

Acq: 19 Mar 2015 21:40

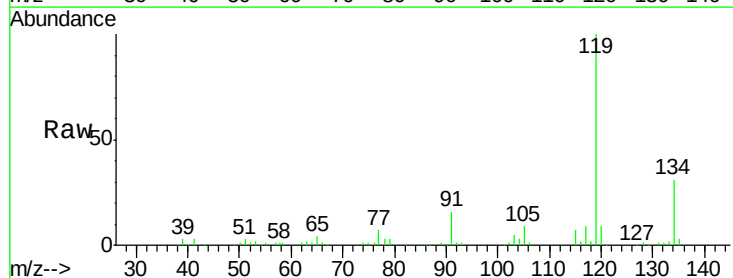
Tgt Ion: 77 Resp: 18054

Ion Ratio Lower Upper

77 100

123 0.0 32.6 49.0#

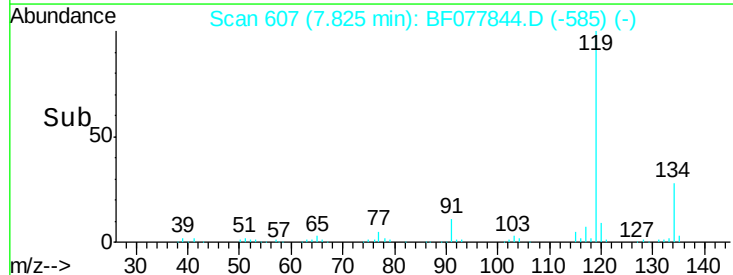
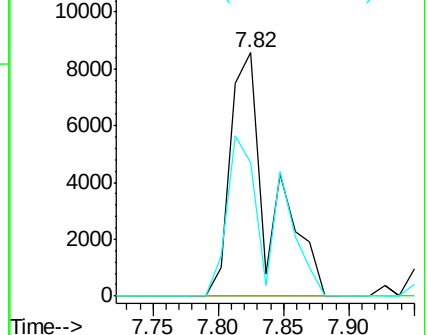
65 54.8 10.9 16.3#

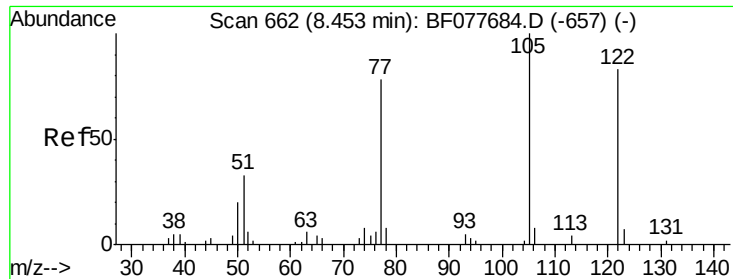


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

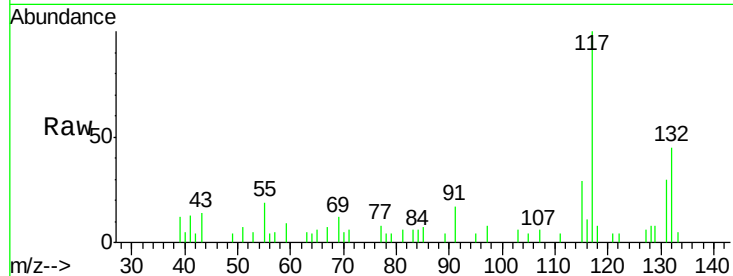




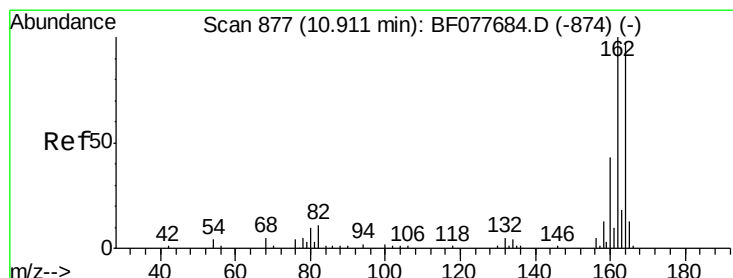
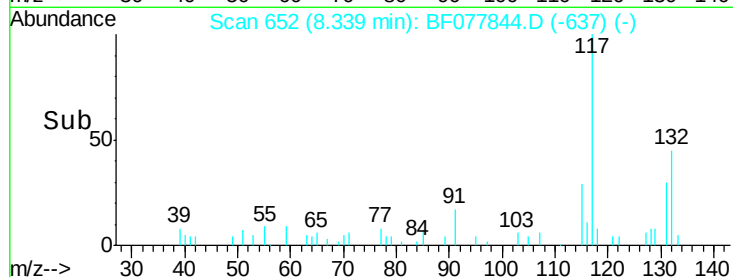
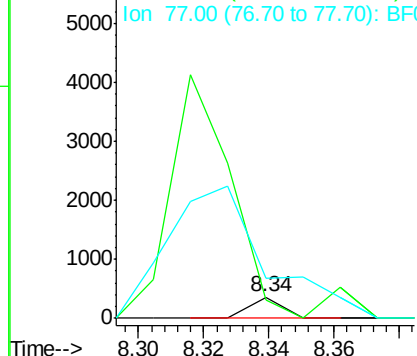
#32
Benzoic acid
Concen: 3.28 ng
RT: 8.34 min Scan# 652
Delta R.T. -0.13 min
Lab File: BF077844.D
Acq: 19 Mar 2015 21:40

Instrument :
BNA_F
ClientSampled :
MW-01

Tgt Ion:122 Resp: 248
Ion Ratio Lower Upper
122 100
105 86.4 99.9 139.9#
77 189.2 73.7 113.7#

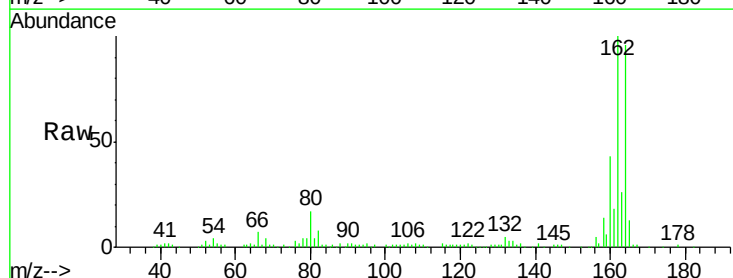


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

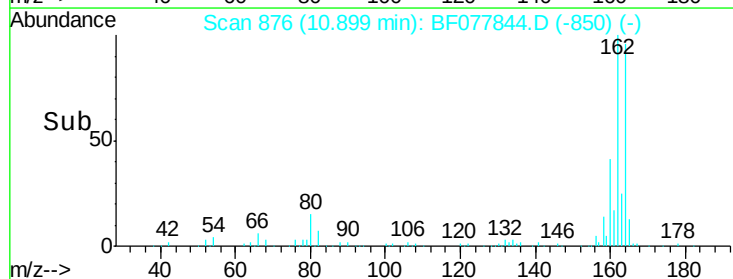
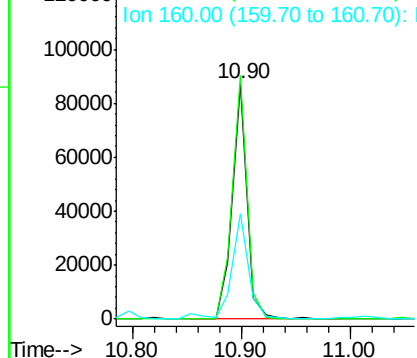


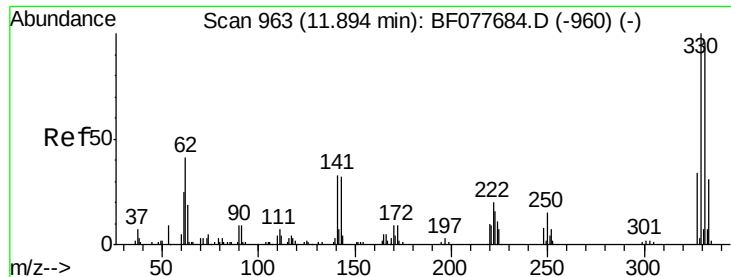
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.90 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF077844.D
Acq: 19 Mar 2015 21:40

Tgt Ion:164 Resp: 81946
Ion Ratio Lower Upper
164 100
162 103.7 82.4 123.6
160 44.8 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

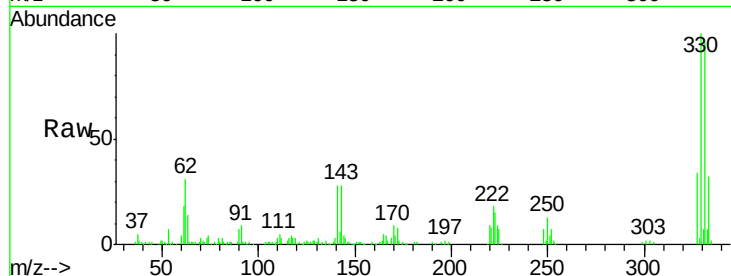




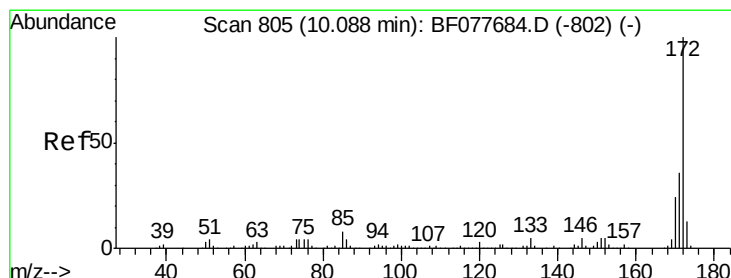
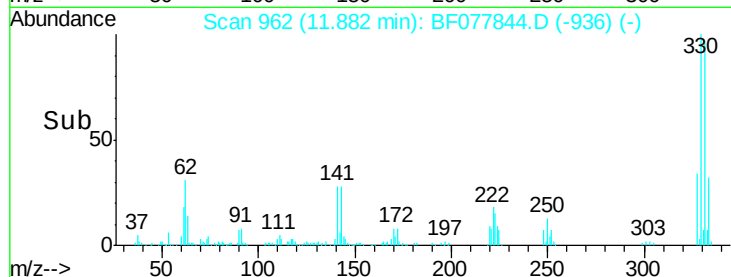
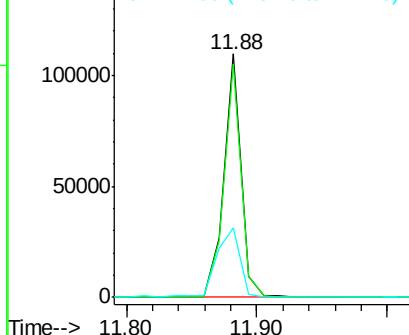
#41
 2,4,6-Tribromophenol
 Concen: 129.51 ng
 RT: 11.88 min Scan# 962
 Delta R.T. 0.00 min
 Lab File: BF077844.D
 Acq: 19 Mar 2015 21:40

Instrument :
 BNA_F
 ClientSampled :
 MW-01

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	0.0	0.0#
141	39.5	0.0	0.0#



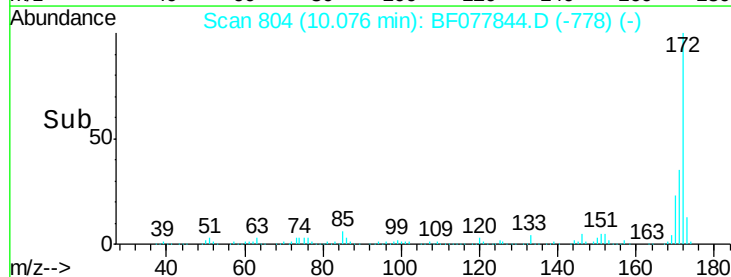
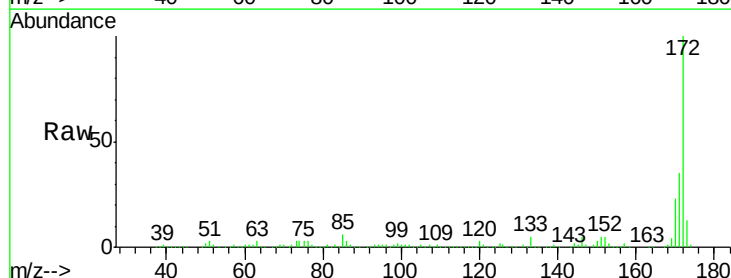
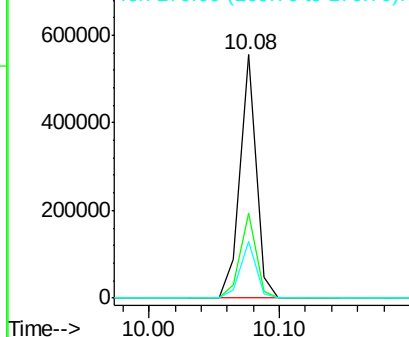
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

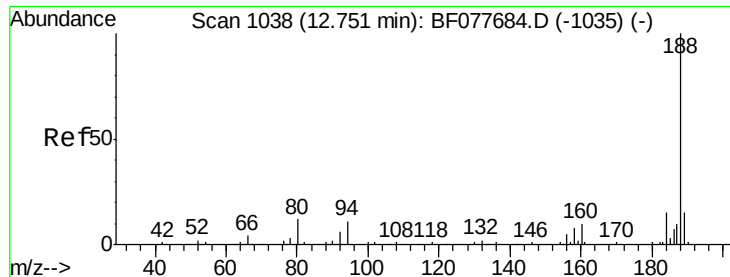


#44
 2-Fluorobiphenyl
 Concen: 85.68 ng
 RT: 10.08 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF077844.D
 Acq: 19 Mar 2015 21:40

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

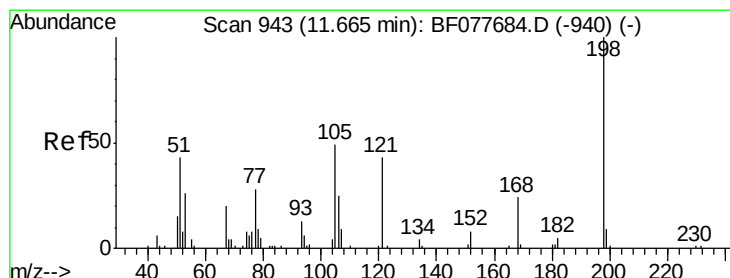
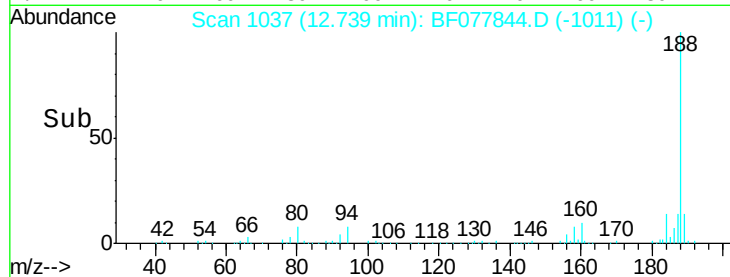
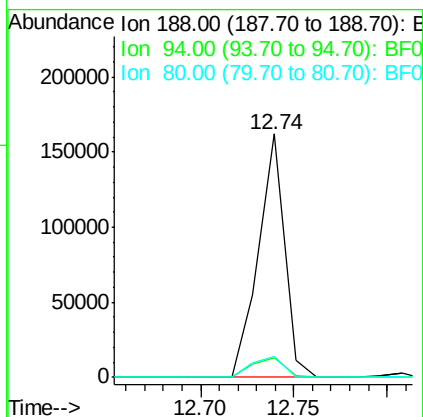
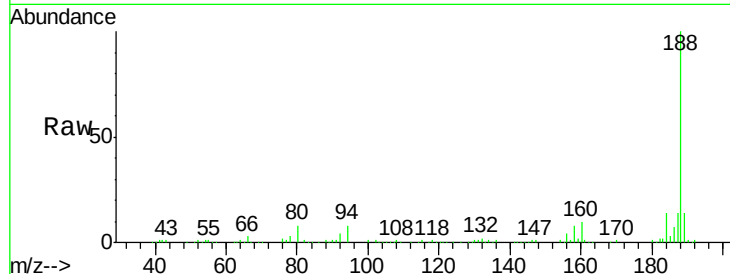




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.74 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF077844.D
Acq: 19 Mar 2015 21:40

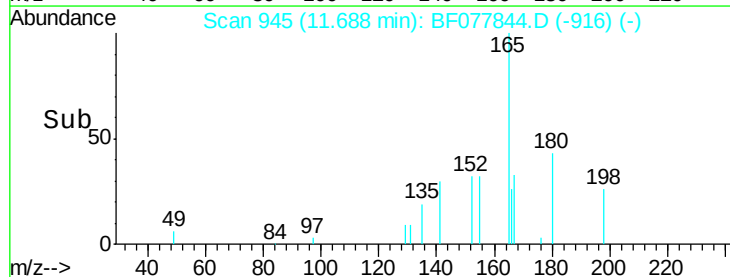
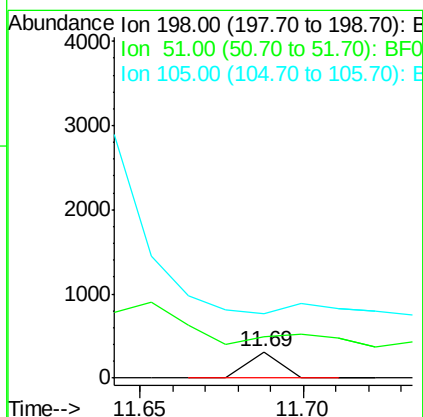
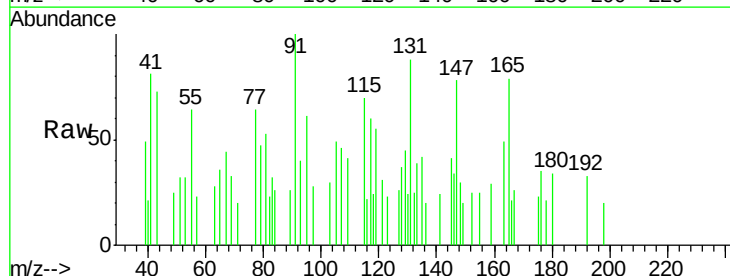
Instrument :
BNA_F
ClientSampleId :
MW-01

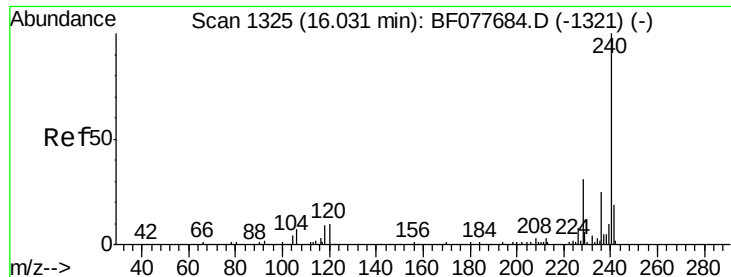
Tgt Ion:188 Resp: 157347
Ion Ratio Lower Upper
188 100
94 8.0 8.7 13.1#
80 8.4 9.3 13.9#



#64
4,6-Dinitro-2-methylphenol
Concen: 4.56 ng
RT: 11.69 min Scan# 945
Delta R.T. 0.03 min
Lab File: BF077844.D
Acq: 19 Mar 2015 21:40

Tgt Ion:198 Resp: 215
Ion Ratio Lower Upper
198 100
51 157.5 28.8 68.8#
105 243.1 30.5 70.5#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.03 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BF077844.D

Acq: 19 Mar 2015 21:40

Instrument :

BNA_F

ClientSampleId :

MW-01

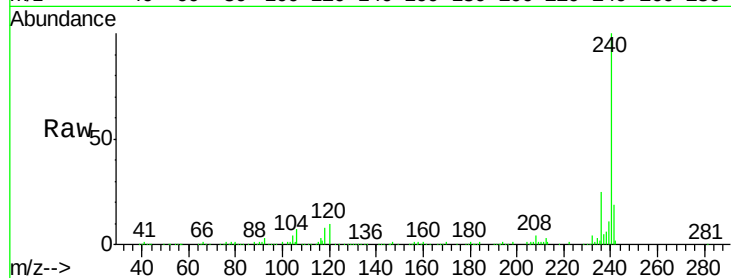
Tgt Ion:240 Resp: 176492

Ion Ratio Lower Upper

240 100

120 9.8 8.2 12.2

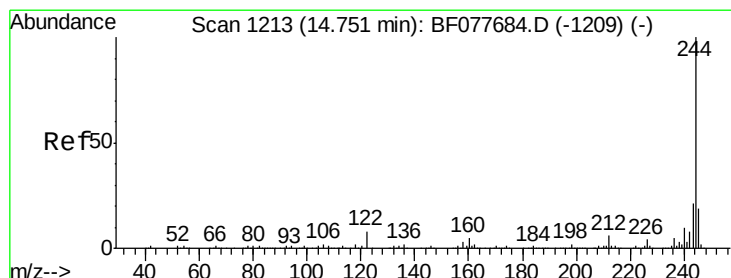
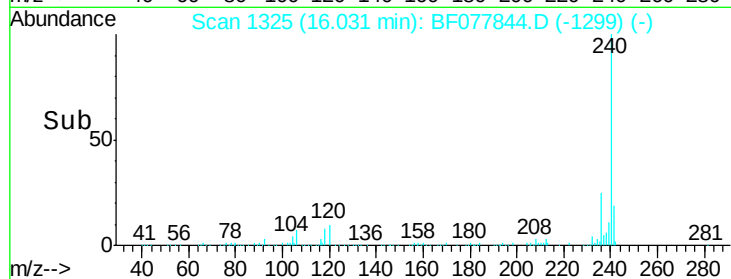
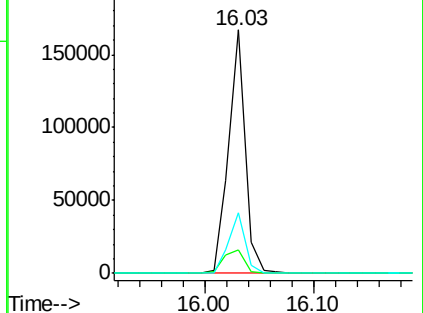
236 24.8 20.0 30.0



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: 68.51 ng

RT: 14.74 min Scan# 1212

Delta R.T. 0.00 min

Lab File: BF077844.D

Acq: 19 Mar 2015 21:40

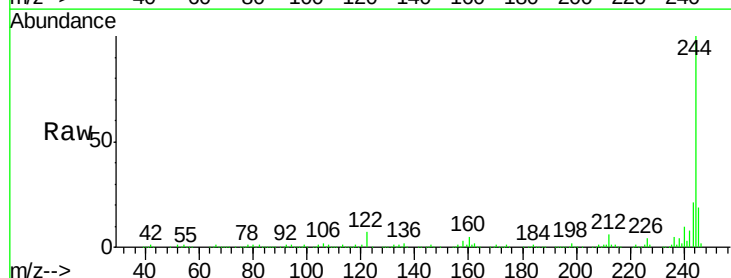
Tgt Ion:244 Resp: 495004

Ion Ratio Lower Upper

244 100

212 5.9 4.9 7.3

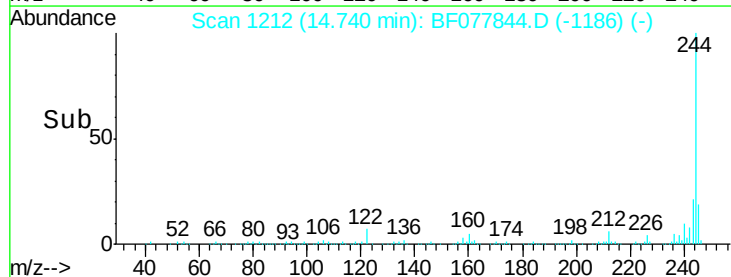
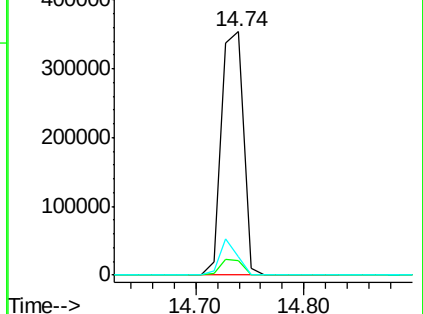
122 7.4 6.2 9.4

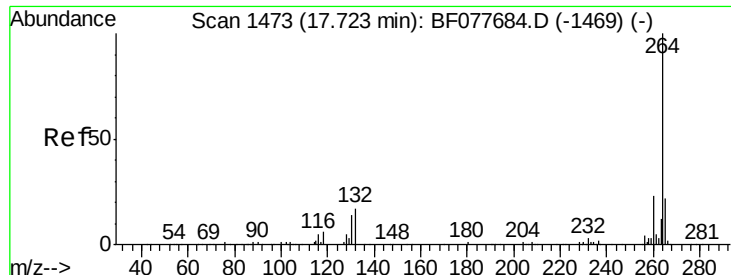


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

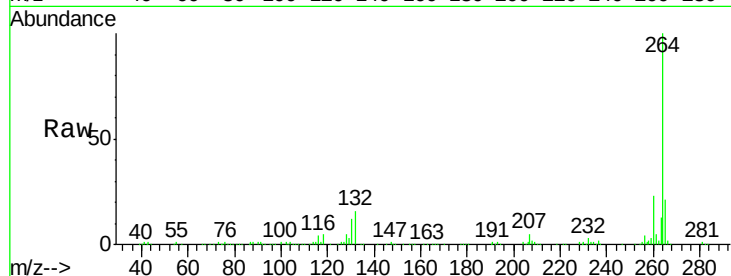




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.81 min Scan# 1481
Delta R.T. 0.02 min
Lab File: BF077844.D
Acq: 19 Mar 2015 21:40

Instrument :
BNA_F
ClientSampleId :
MW-01

Tgt Ion: 264 Resp: 176382
Ion Ratio Lower Upper
264 100
260 23.4 18.6 27.8
265 20.9 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

