

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG040715\
 Data File : BG016261.D
 Acq On : 7 Apr 2015 17:49
 Operator : TP/IZ
 Sample : G1776-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-16

Quant Time: Apr 08 02:39:50 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 08 03:25:31 2015
 Response via : Initial Calibration

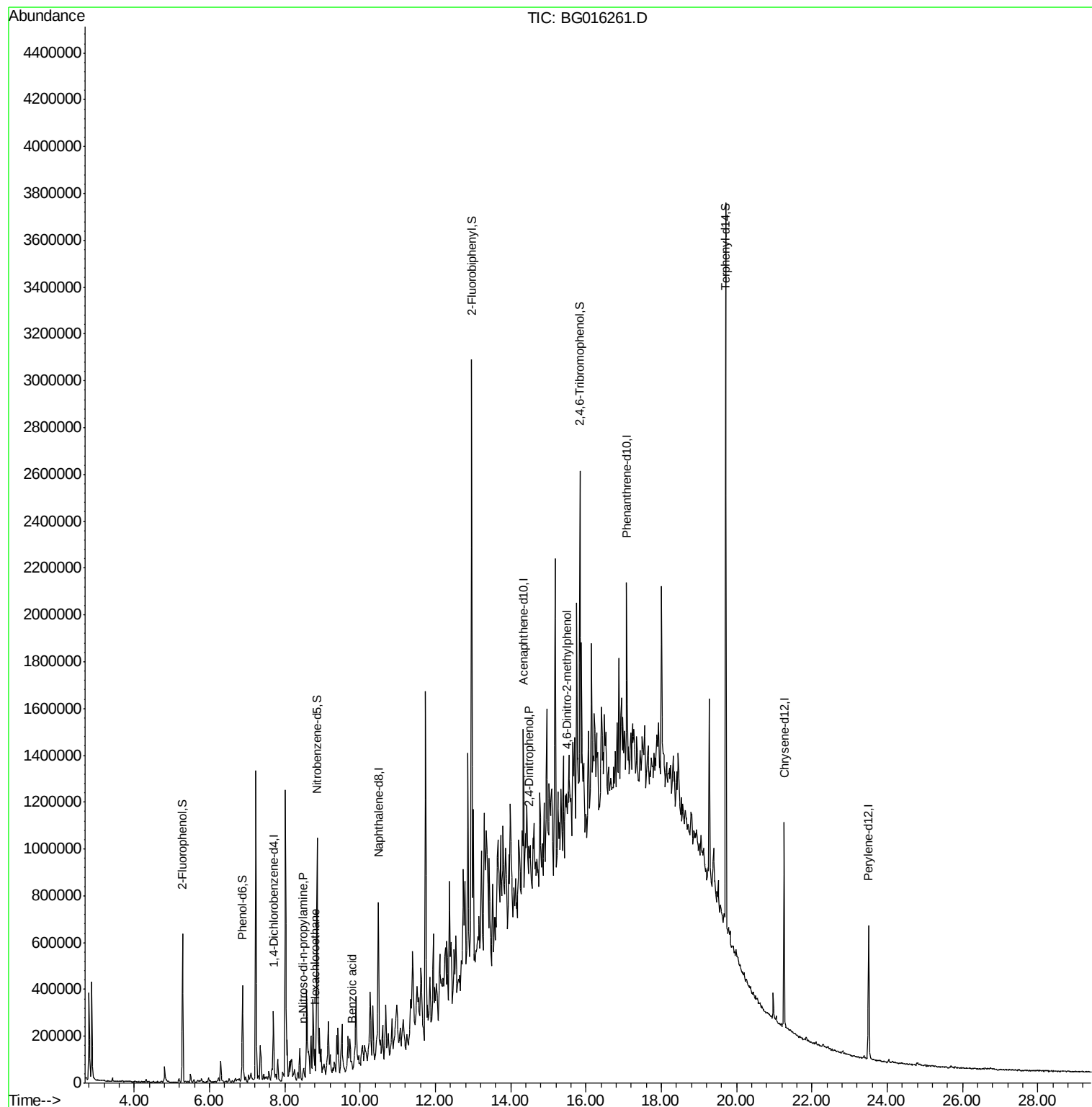
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	79201	20.00	ng	0.00
21) Naphthalene-d8	10.49	136	383769	20.00	ng	0.00
38) Acenaphthene-d10	14.34	164	228816	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	407191	20.00	ng	0.00
75) Chrysene-d12	21.26	240	339103	20.00	ng	0.00
86) Perylene-d12	23.51	264	316356	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	299598	59.70	ng	0.00
7) Phenol-d6	6.87	99	269376	35.76	ng	0.00
23) Nitrobenzene-d5	8.86	82	612530	92.46	ng	0.00
41) 2,4,6-Tribromophenol	15.84	330	211222	136.50	ng	0.00
44) 2-Fluorobiphenyl	12.96	172	1231913	91.67	ng	0.00
78) Terphenyl-d14	19.72	244	1150265	79.39	ng	0.00
Target Compounds						
18) Hexachloroethane	8.80	117	26643	11.03	ng	# 61
19) n-Nitroso-di-n-propylamine	8.50	70	16298	3.02	ng	# 56
32) Benzoic acid	9.80	122	81	8.75	ng	# 16
53) 2,4-Dinitrophenol	14.47	184	122	8.31	ng	# 1
64) 4,6-Dinitro-2-methylphenol	15.48	198	126	3.93	ng	# 1

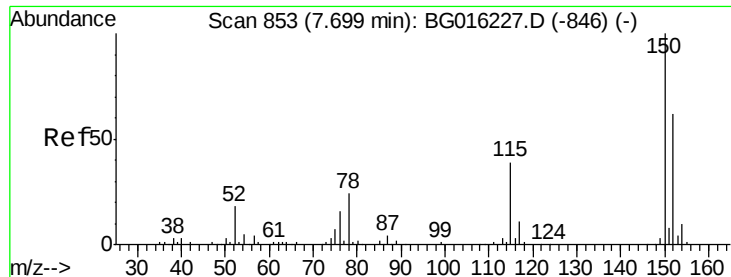
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 08 02:39:50 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 08 03:25:31 2015
Response via : Initial Calibration



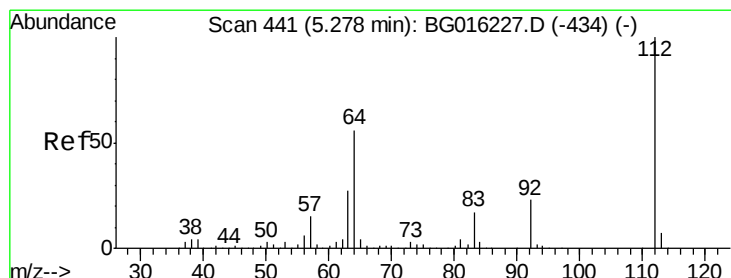
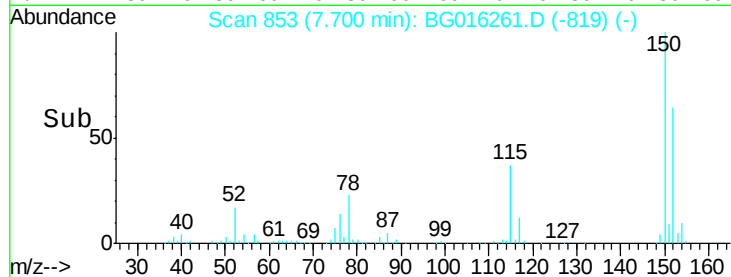
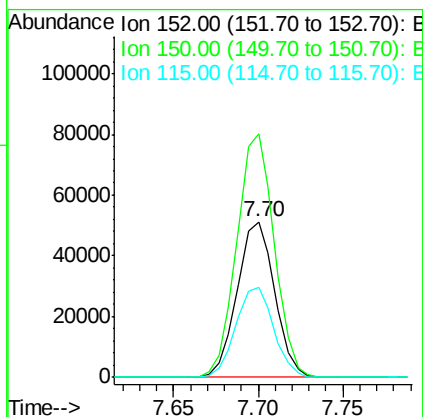
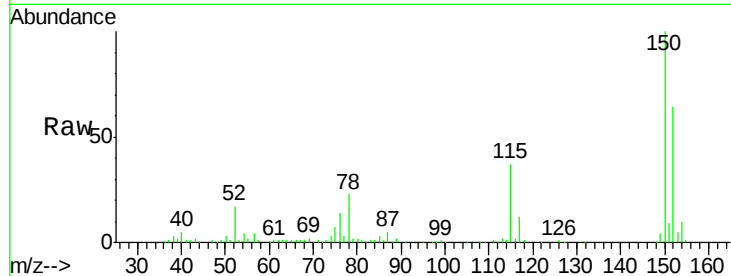


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.70 min Scan# 853
Delta R.T. 0.00 min
Lab File: BG016261.D
Acq: 7 Apr 2015 17:49

Instrument :
BNA_G
ClientSampleId :
MW-16

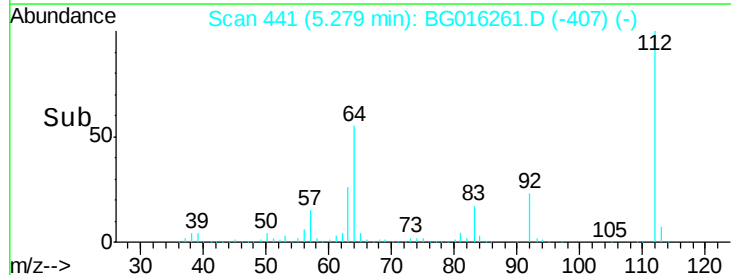
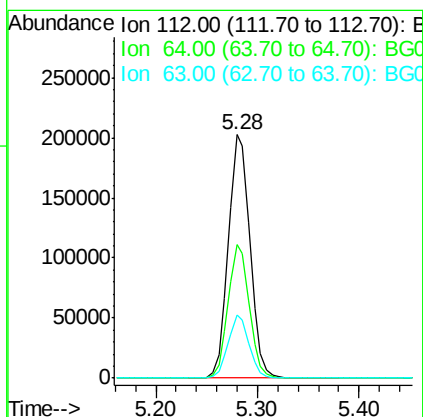
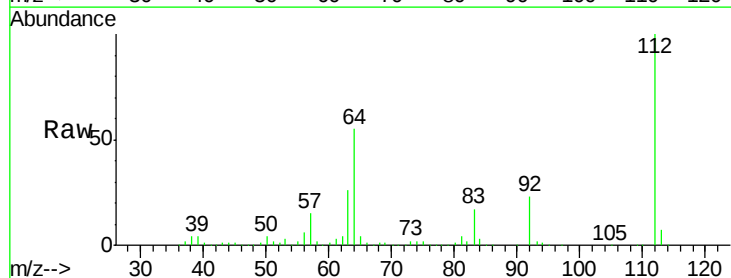
Tgt Ion:152 Resp: 79201
Ion Ratio Lower Upper
152 100
150 156.3 130.1 195.1
115 57.8 50.5 75.7

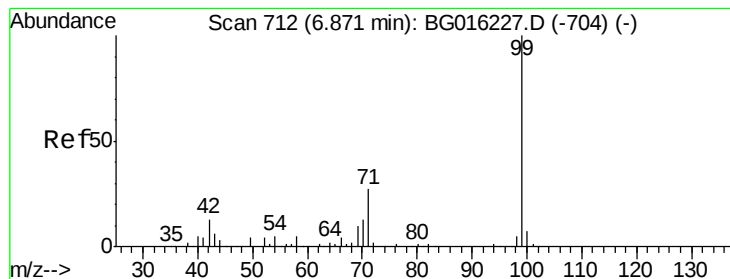


#5

2-Fluorophenol
Concen: 59.70 ng
RT: 5.28 min Scan# 441
Delta R.T. 0.00 min
Lab File: BG016261.D
Acq: 7 Apr 2015 17:49

Tgt Ion:112 Resp: 299598
Ion Ratio Lower Upper
112 100
64 54.9 44.5 66.7
63 26.0 21.4 32.0





#7

Phenol-d6

Concen: 35.76 ng

RT: 6.87 min Scan# 712

Delta R.T. 0.00 min

Lab File: BG016261.D

Acq: 7 Apr 2015 17:49

Instrument :

BNA_G

ClientSampleId :

MW-16

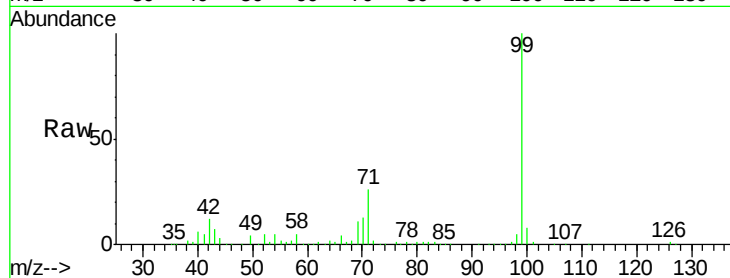
Tgt Ion: 99 Resp: 269376

Ion Ratio Lower Upper

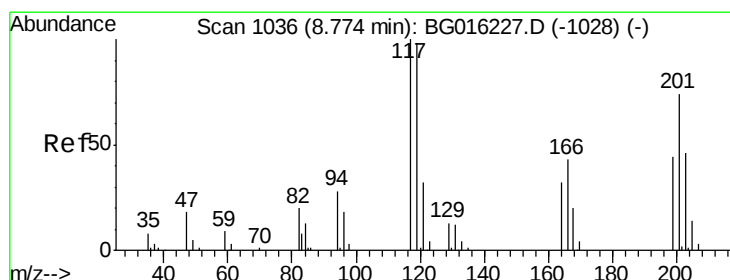
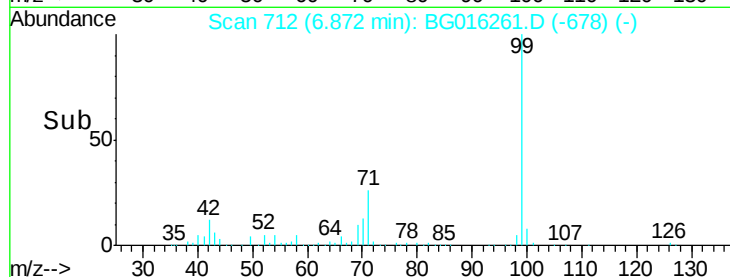
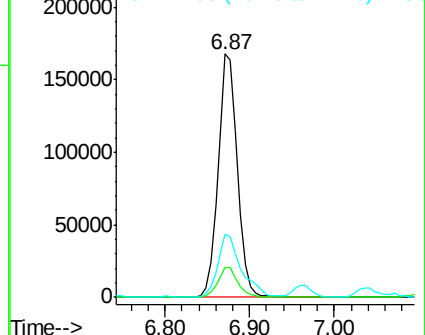
99 100

42 12.5 10.0 15.0

71 26.0 21.5 32.3



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#18

Hexachloroethane

Concen: 11.03 ng

RT: 8.80 min Scan# 1041

Delta R.T. 0.04 min

Lab File: BG016261.D

Acq: 7 Apr 2015 17:49

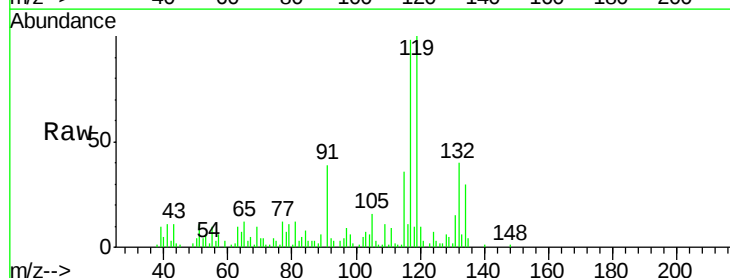
Tgt Ion: 117 Resp: 26643

Ion Ratio Lower Upper

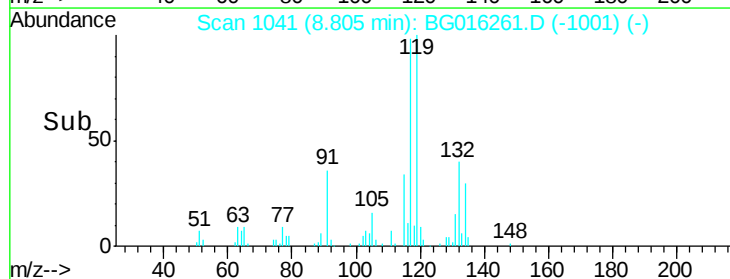
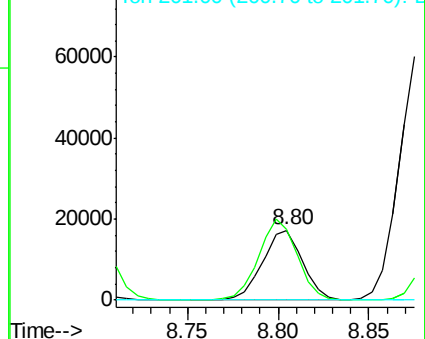
117 100

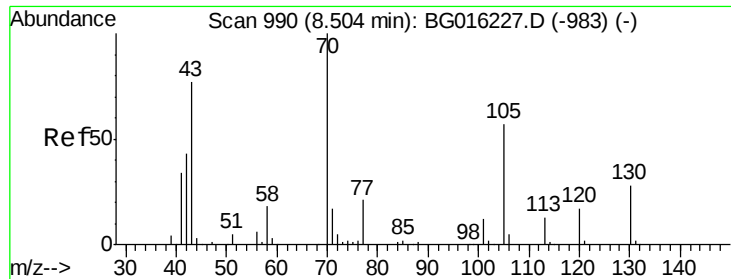
119 101.8 78.8 118.2

201 0.0 59.0 88.4#



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

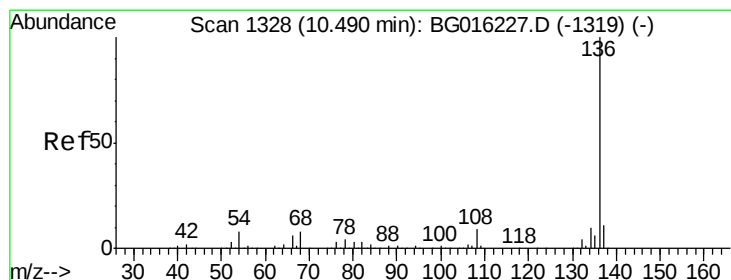
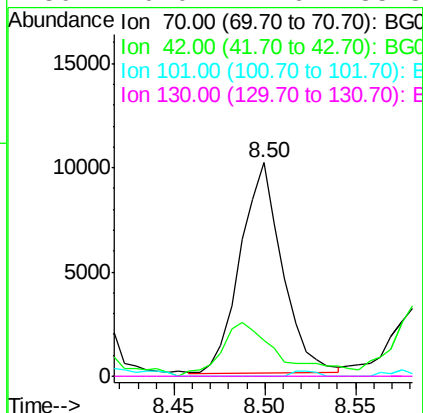
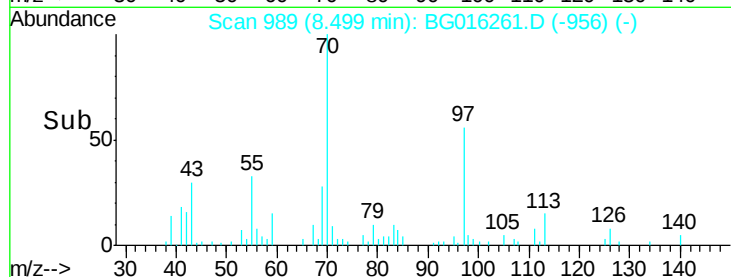
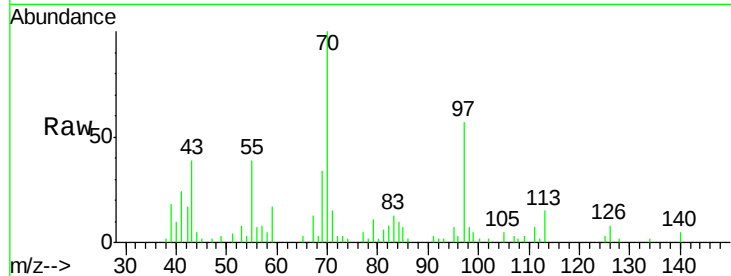




#19
n-Nitroso-di-n-propylamine
Concen: 3.02 ng
RT: 8.50 min Scan# 989
Delta R.T. -0.01 min
Lab File: BG016261.D
Acq: 7 Apr 2015 17:49

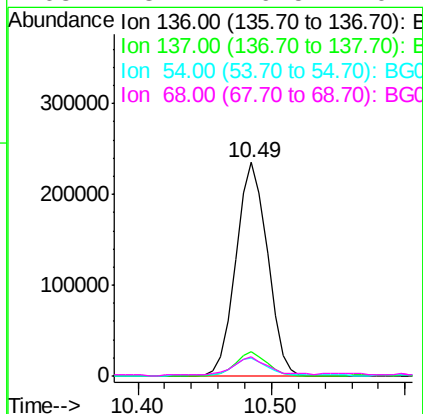
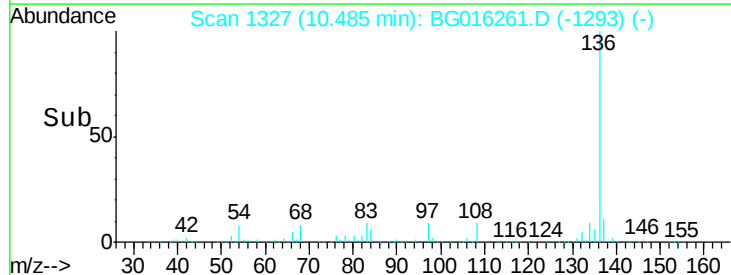
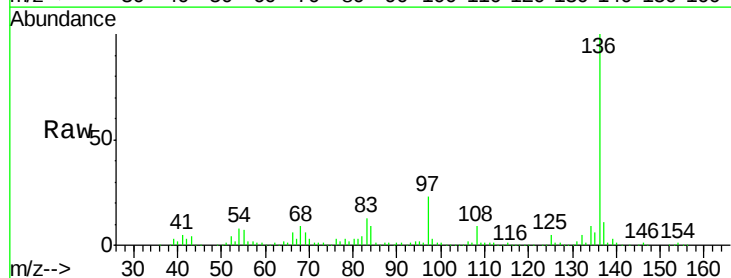
Instrument :
BNA_G
ClientSampleId :
MW-16

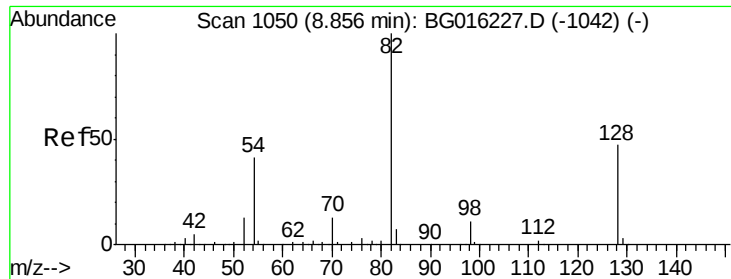
Tgt Ion: 70 Resp: 16298
Ion Ratio Lower Upper
70 100
42 17.1 34.7 52.1#
101 0.0 9.2 13.8#
130 0.0 22.6 33.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.49 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BG016261.D
Acq: 7 Apr 2015 17:49

Tgt Ion: 136 Resp: 383769
Ion Ratio Lower Upper
136 100
137 11.4 8.7 13.1
54 8.3 6.3 9.5
68 8.7 6.5 9.7

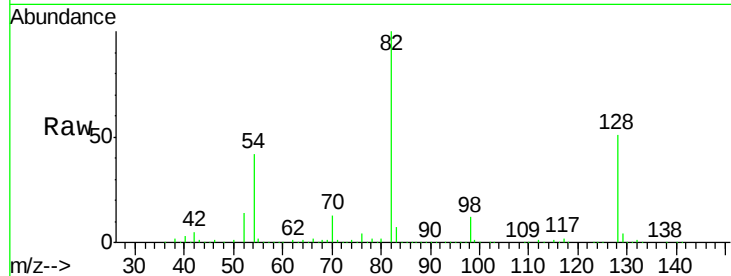




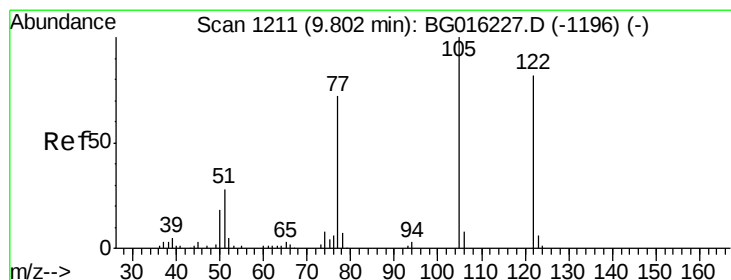
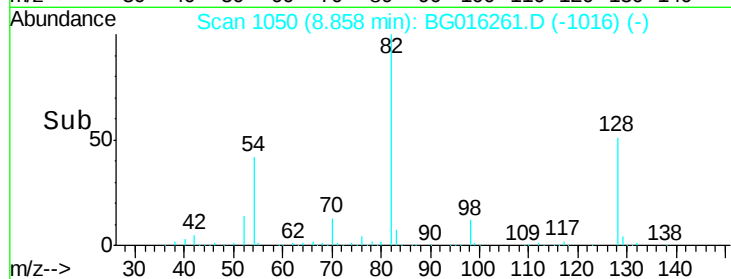
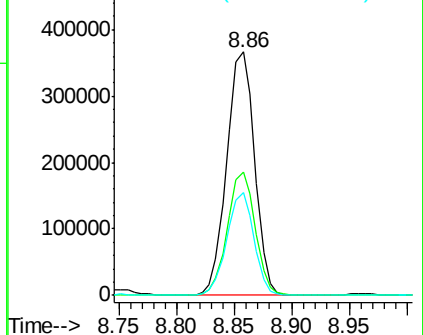
#23
 Nitrobenzene-d5
 Concen: 92.46 ng
 RT: 8.86 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BG016261.D
 Acq: 7 Apr 2015 17:49

Instrument :
 BNA_G
 ClientSampleID :
 MW-16

Tgt Ion	Ratio	Lower	Upper
82	100		
128	50.9	37.8	56.8
54	42.0	32.6	49.0

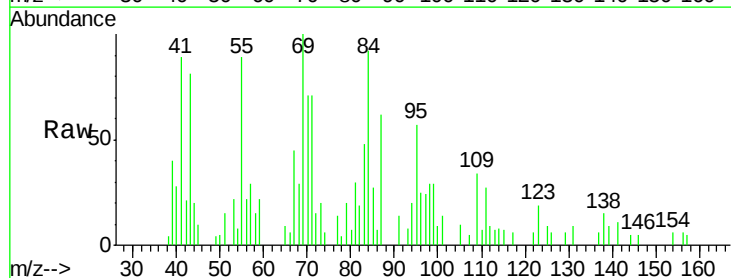


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

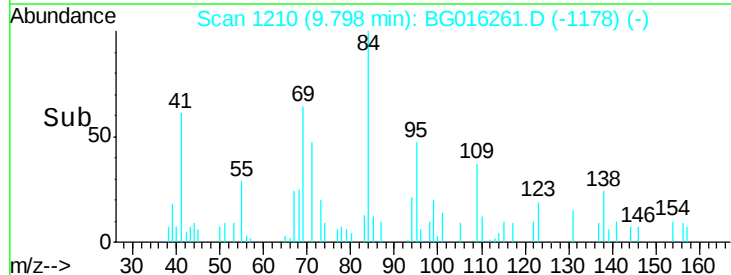
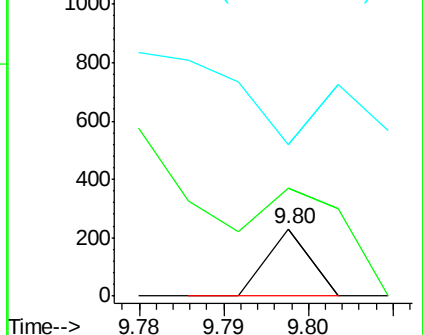


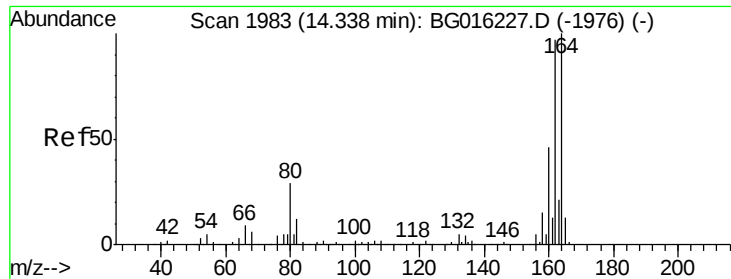
#32
 Benzoic acid
 Concen: 8.75 ng
 RT: 9.80 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BG016261.D
 Acq: 7 Apr 2015 17:49

Tgt Ion	Ratio	Lower	Upper
122	100		
105	160.2	99.7	139.7#
77	223.8	66.8	106.8#



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.34 min Scan# 1983

Delta R.T. 0.00 min

Lab File: BG016261.D

Acq: 7 Apr 2015 17:49

Instrument :

BNA_G

ClientSampleId :

MW-16

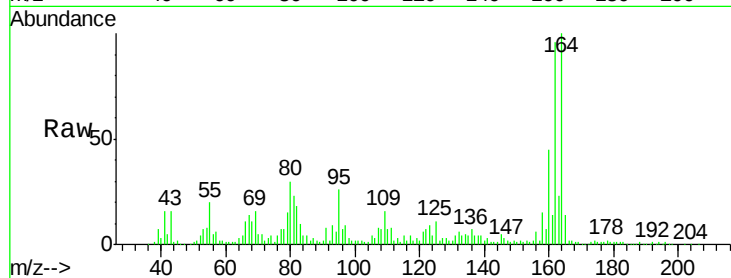
Tgt Ion:164 Resp: 228816

Ion Ratio Lower Upper

164 100

162 96.1 77.3 115.9

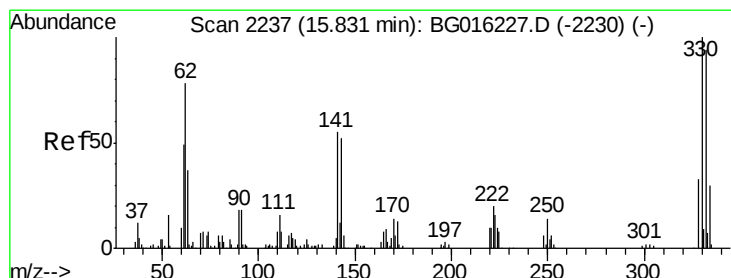
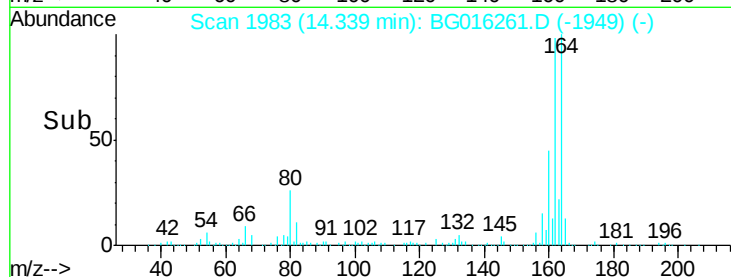
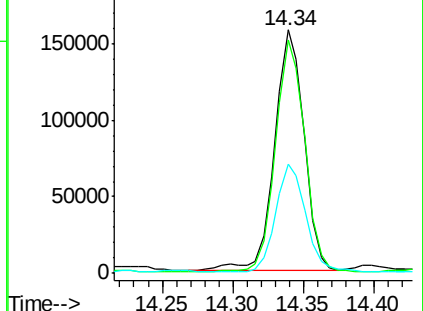
160 44.6 36.7 55.1



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: 136.50 ng

RT: 15.84 min Scan# 2238

Delta R.T. 0.01 min

Lab File: BG016261.D

Acq: 7 Apr 2015 17:49

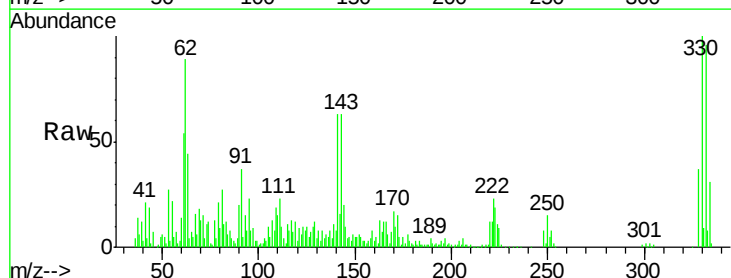
Tgt Ion:330 Resp: 211222

Ion Ratio Lower Upper

330 100

332 96.0 75.8 113.6

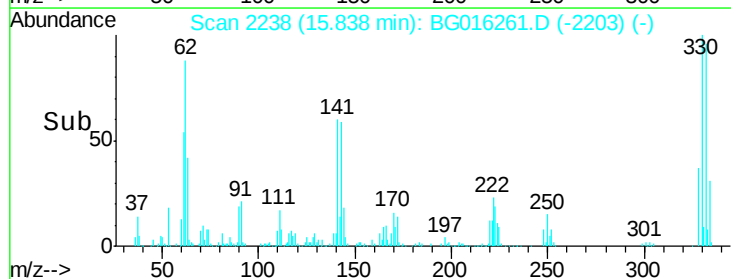
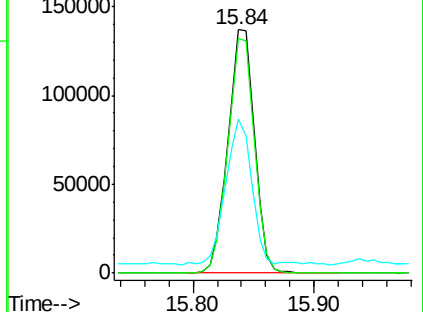
141 57.7 46.6 69.8

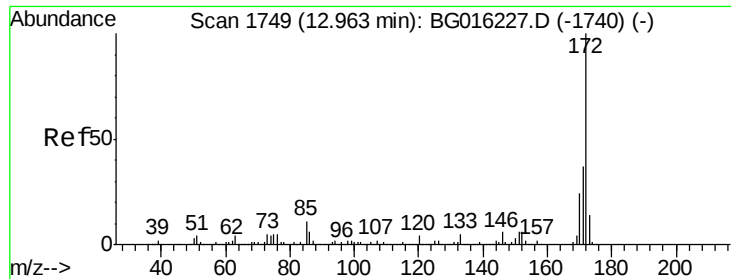


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

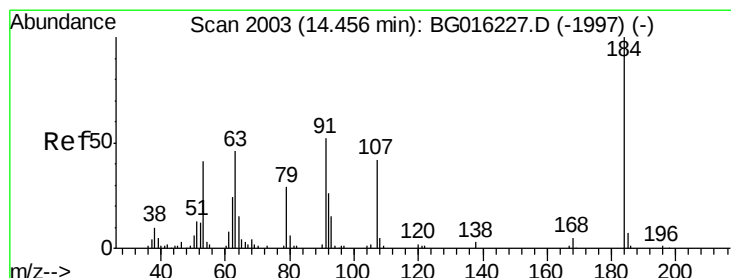
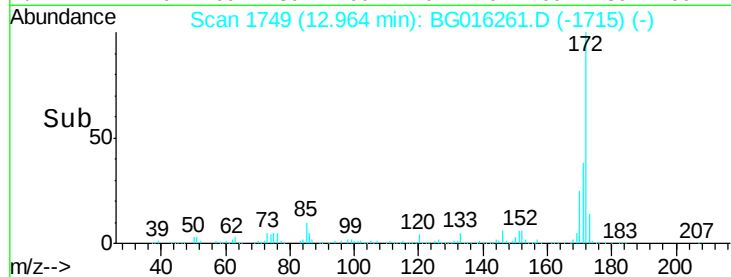
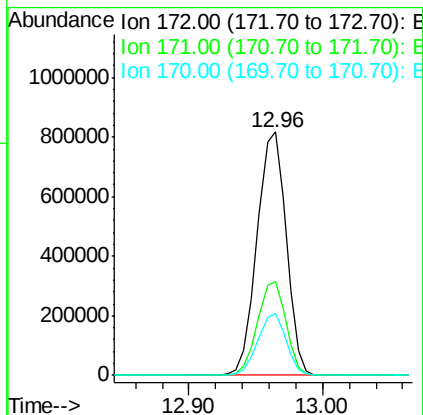
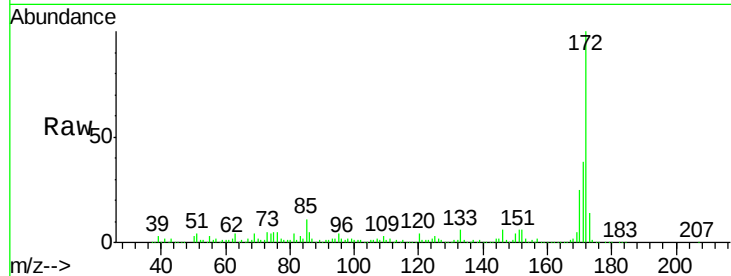




#44
 2-Fluorobiphenyl
 Concen: 91.67 ng
 RT: 12.96 min Scan# 1749
 Delta R.T. 0.00 min
 Lab File: BG016261.D
 Acq: 7 Apr 2015 17:49

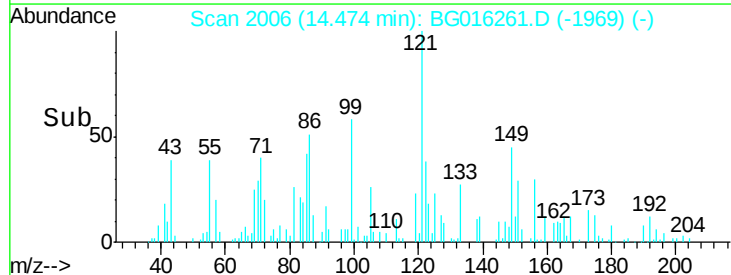
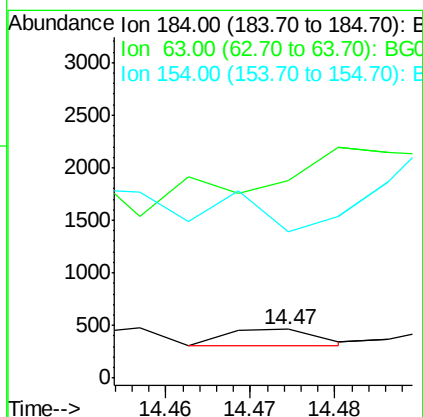
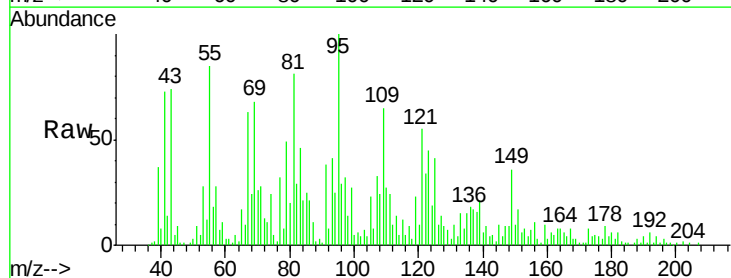
Instrument :
 BNA_G
 ClientSampled :
 MW-16

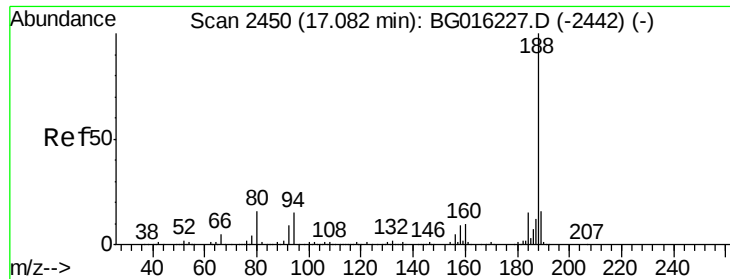
Tgt Ion:172 Resp: 1231913
 Ion Ratio Lower Upper
 172 100
 171 38.3 29.6 44.4
 170 25.3 19.4 29.2



#53
 2,4-Dinitrophenol
 Concen: 8.31 ng
 RT: 14.47 min Scan# 2006
 Delta R.T. 0.02 min
 Lab File: BG016261.D
 Acq: 7 Apr 2015 17:49

Tgt Ion:184 Resp: 122
 Ion Ratio Lower Upper
 184 100
 63 406.0 45.8 68.6#
 154 301.3 34.5 51.7#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.08 min Scan# 2450

Delta R.T. 0.01 min

Lab File: BG016261.D

Acq: 7 Apr 2015 17:49

Instrument :

BNA_G

ClientSampleId :

MW-16

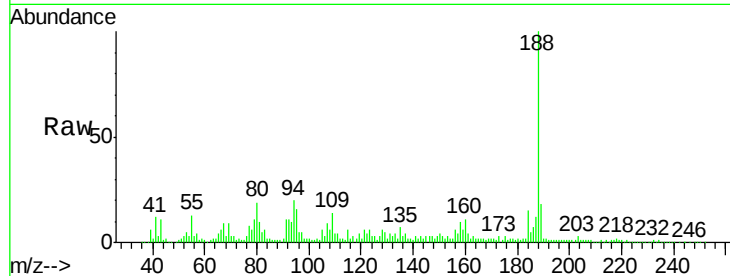
Tgt Ion:188 Resp: 407191

Ion Ratio Lower Upper

188 100

94 19.7 12.2 18.4#

80 18.8 12.8 19.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

300000

200000

100000

0

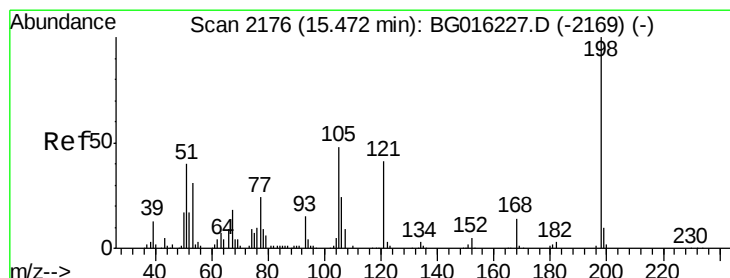
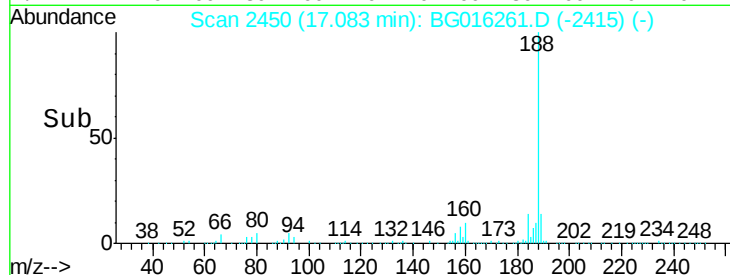
17.08

17.05

17.10

17.15

Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 3.93 ng

RT: 15.48 min Scan# 2177

Delta R.T. 0.01 min

Lab File: BG016261.D

Acq: 7 Apr 2015 17:49

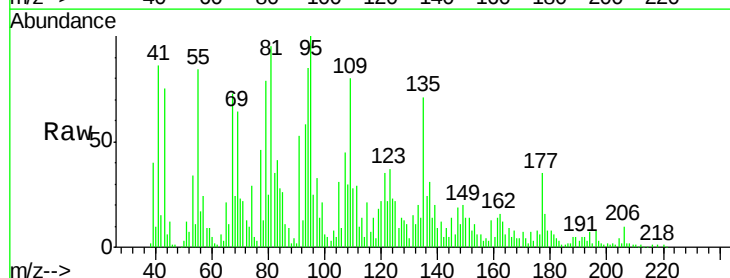
Tgt Ion:198 Resp: 126

Ion Ratio Lower Upper

198 100

51 679.4 20.7 60.7#

105 1774.2 28.8 68.8#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

25000

20000

15000

10000

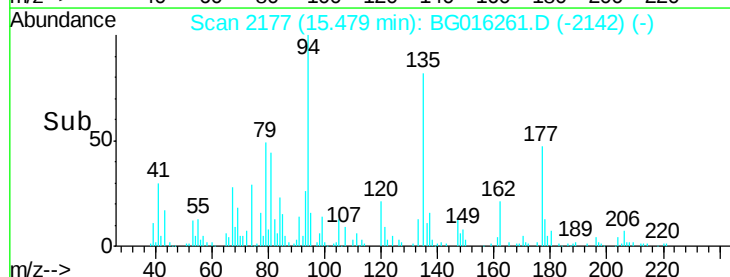
5000

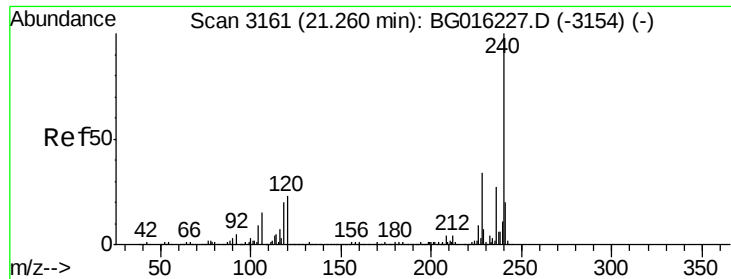
0

15.48

15.50

Time-->

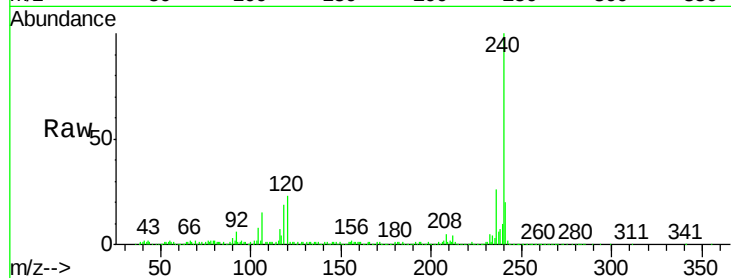




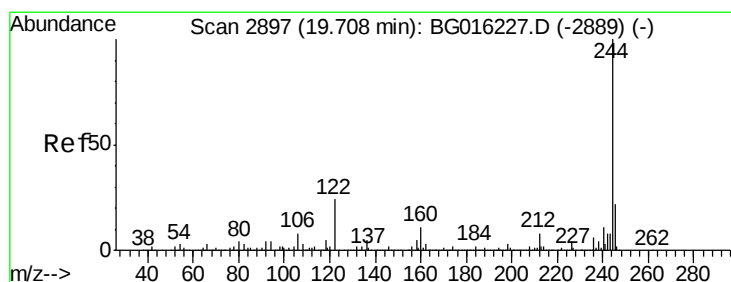
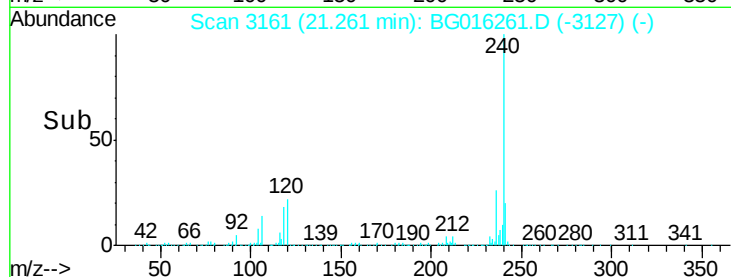
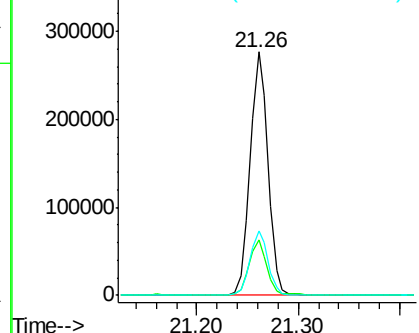
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.26 min Scan# 3161
Delta R.T. 0.00 min
Lab File: BG016261.D
Acq: 7 Apr 2015 17:49

Instrument :
BNA_G
ClientSampleId :
MW-16

Tgt Ion:240 Resp: 339103
Ion Ratio Lower Upper
240 100
120 22.7 18.6 28.0
236 26.4 21.7 32.5

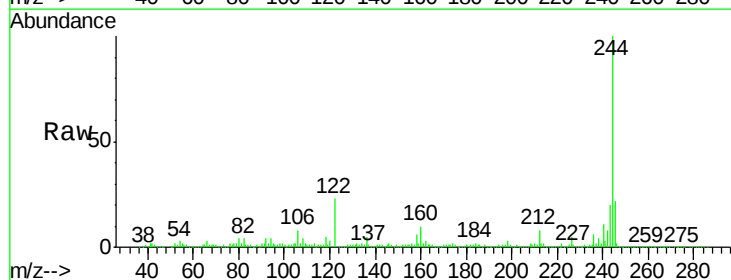


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

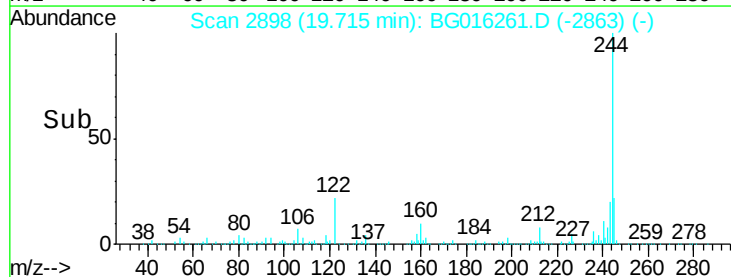
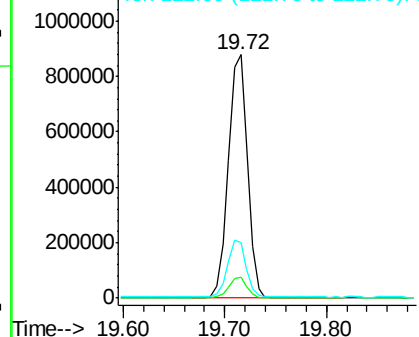


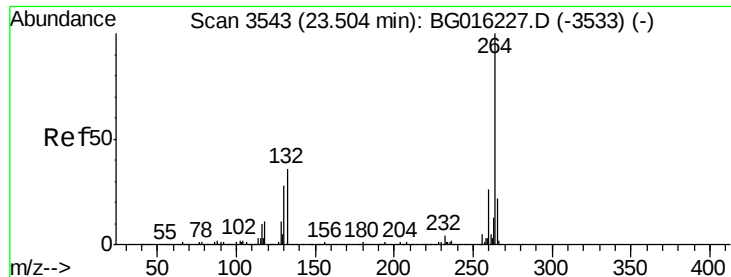
#78
Terphenyl-d14
Concen: 79.39 ng
RT: 19.72 min Scan# 2898
Delta R.T. 0.01 min
Lab File: BG016261.D
Acq: 7 Apr 2015 17:49

Tgt Ion:244 Resp: 1150265
Ion Ratio Lower Upper
244 100
212 8.4 6.6 9.8
122 22.6 19.1 28.7



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

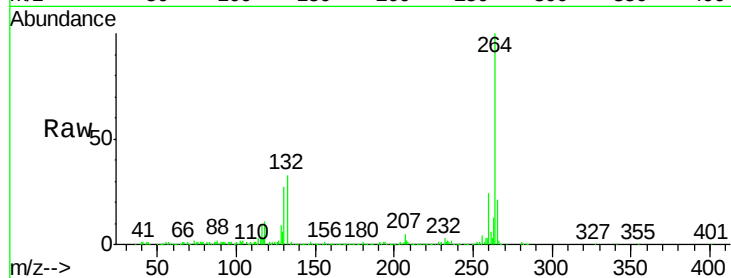




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.51 min Scan# 3544
Delta R.T. 0.01 min
Lab File: BG016261.D
Acq: 7 Apr 2015 17:49

Instrument :
BNA_G
ClientSampleId :
MW-16

Tgt Ion: 264 Resp: 316356
Ion Ratio Lower Upper
264 100
260 23.9 20.4 30.6
265 21.0 17.2 25.8



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

