

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041415\
 Data File : BG016403.D
 Acq On : 14 Apr 2015 19:03
 Operator : TP/IZ
 Sample : G1826-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-11

Quant Time: Apr 15 03:38:51 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 14 14:00:56 2015
 Response via : Initial Calibration

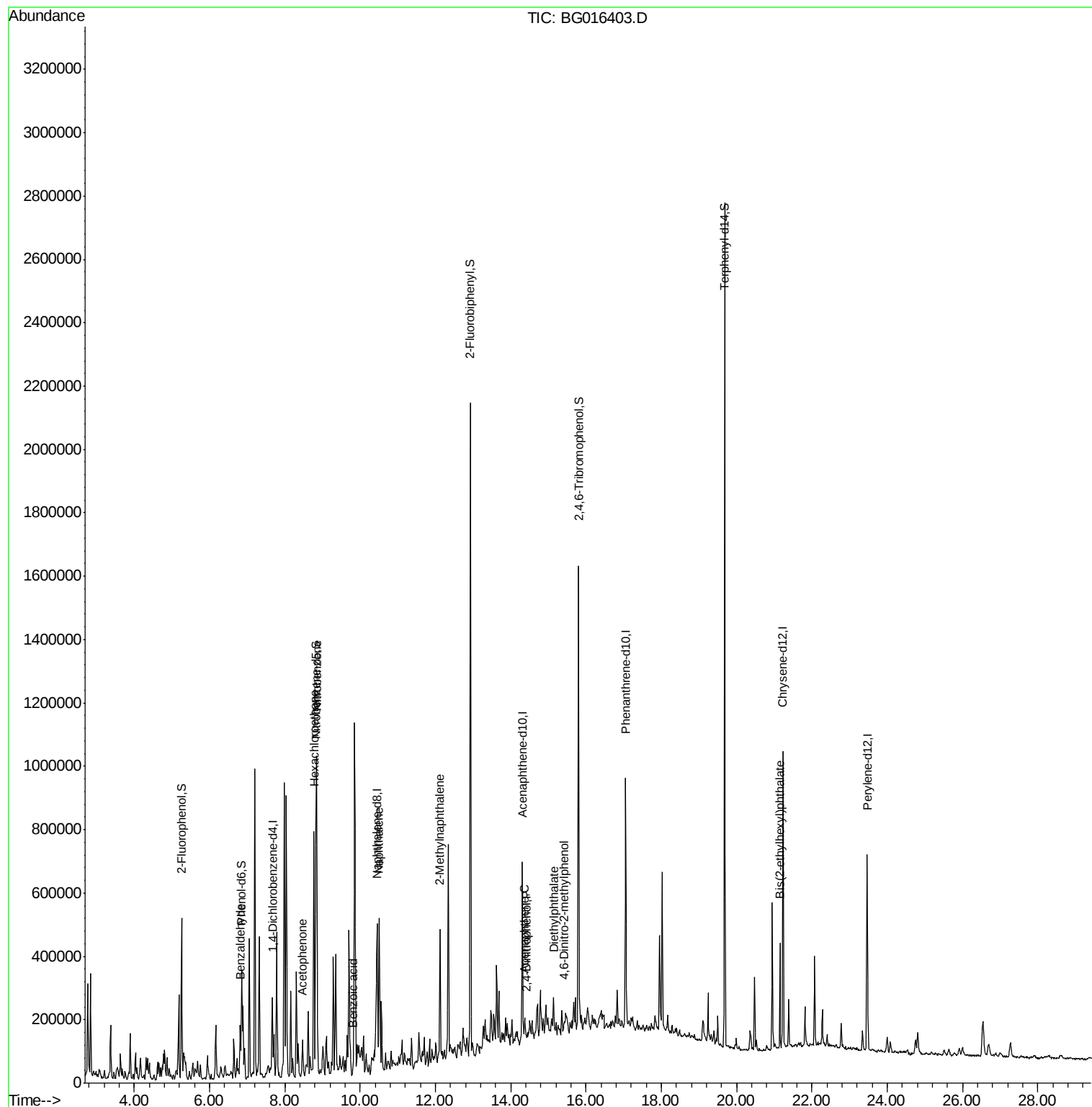
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	70331	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	316451	20.00	ng	0.00
38) Acenaphthene-d10	14.31	164	186740	20.00	ng	0.00
63) Phenanthrene-d10	17.05	188	404792	20.00	ng	0.00
75) Chrysene-d12	21.23	240	374472	20.00	ng	0.00
86) Perylene-d12	23.47	264	346215	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	233625	52.42	ng	0.00
7) Phenol-d6	6.85	99	212172	31.72	ng	0.00
23) Nitrobenzene-d5	8.83	82	447041	81.84	ng	0.00
41) 2,4,6-Tribromophenol	15.80	330	191911	151.96	ng	0.00
44) 2-Fluorobiphenyl	12.93	172	1001505	91.31	ng	0.00
78) Terphenyl-d14	19.69	244	1005287	62.83	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.82	77	11097	2.83	ng	# 1
18) Hexachloroethane	8.77	117	104360	48.66	ng	# 1
22) Acetophenone	8.47	105	80230	10.93	ng	# 52
24) Nitrobenzene	8.85	77	26039	4.46	ng	# 1
31) Naphthalene	10.50	128	266399	16.16	ng	96
32) Benzoic acid	9.79	122	59	8.75	ng	# 1
37) 2-Methylnaphthalene	12.12	142	204950	17.28	ng	99
51) Acenaphthene	14.37	154	23764	2.05	ng	98
53) 2,4-Dinitrophenol	14.42	184	56	8.29	ng	# 1
59) Diethylphthalate	15.14	149	52034	3.57	ng	# 91
64) 4,6-Dinitro-2-methylphenol	15.40	198	68	3.91	ng	# 1
83) Bis(2-ethylhexyl)phthalate	21.15	149	111671	6.44	ng	99

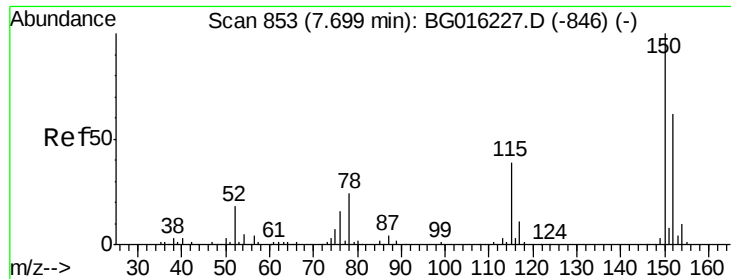
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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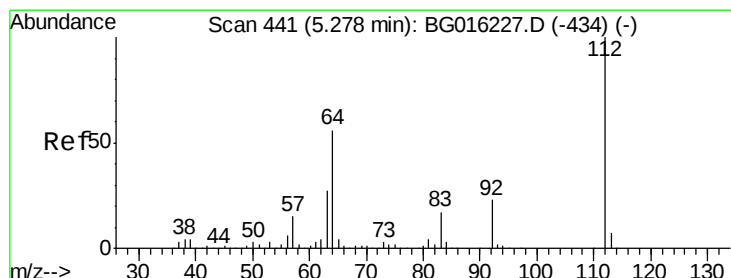
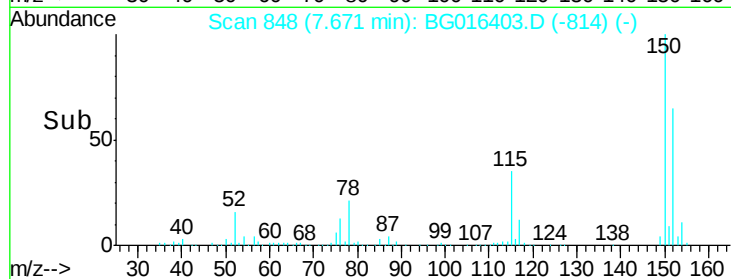
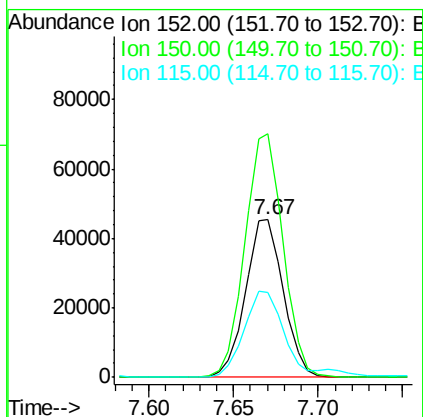
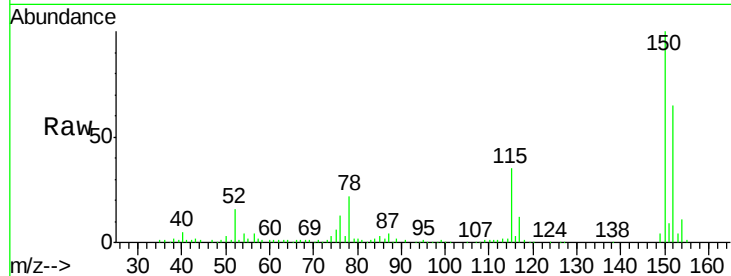


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.67 min Scan# 848
Delta R.T. -0.00 min
Lab File: BG016403.D
Acq: 14 Apr 2015 19:03

Instrument :
BNA_G
ClientSampled :
MW-11

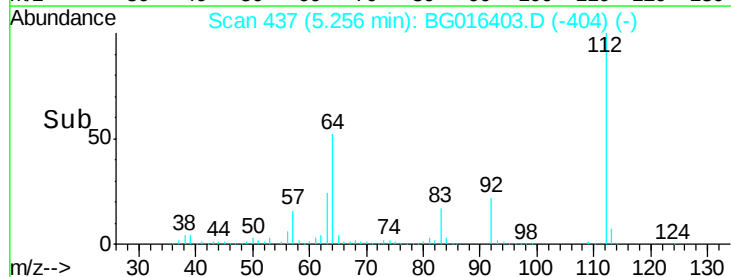
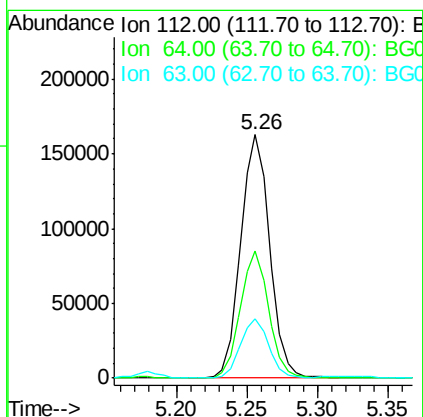
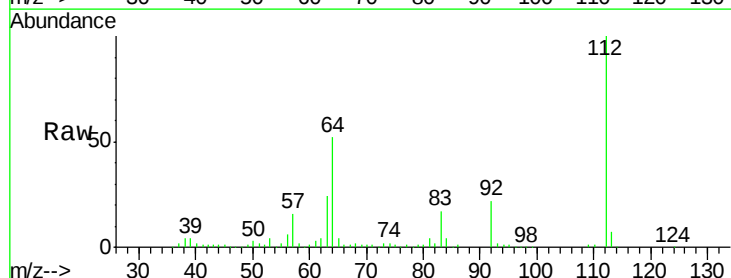
Tgt Ion:152 Resp: 70331
Ion Ratio Lower Upper
152 100
150 154.8 130.1 195.1
115 54.1 50.5 75.7

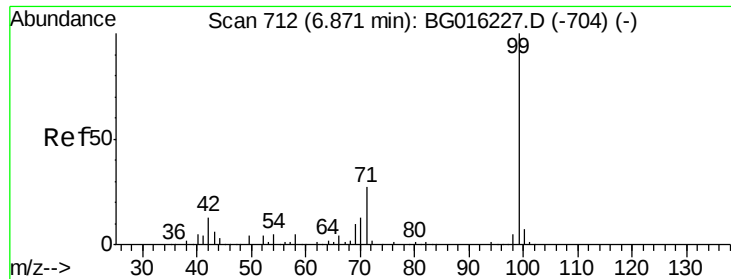


#5

2-Fluorophenol
Concen: 52.42 ng
RT: 5.26 min Scan# 437
Delta R.T. -0.01 min
Lab File: BG016403.D
Acq: 14 Apr 2015 19:03

Tgt Ion:112 Resp: 233625
Ion Ratio Lower Upper
112 100
64 52.0 44.5 66.7
63 24.4 21.4 32.0





#7

Phenol-d6

Concen: 31.72 ng

RT: 6.85 min Scan# 709

Delta R.T. -0.01 min

Lab File: BG016403.D

Acq: 14 Apr 2015 19:03

Instrument :

BNA_G

ClientSampleId :

MW-11

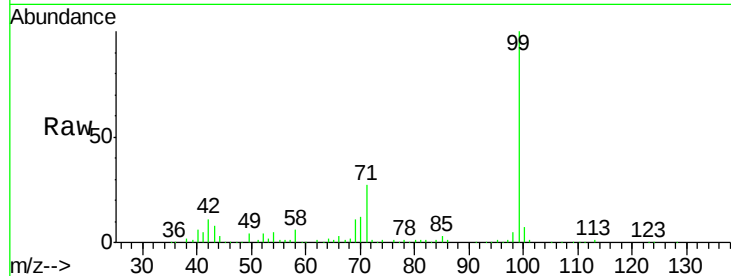
Tgt Ion: 99 Resp: 212172

Ion Ratio Lower Upper

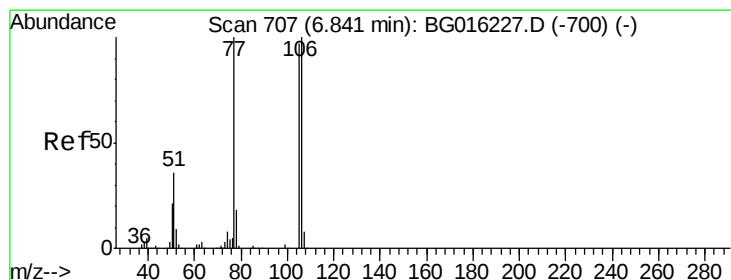
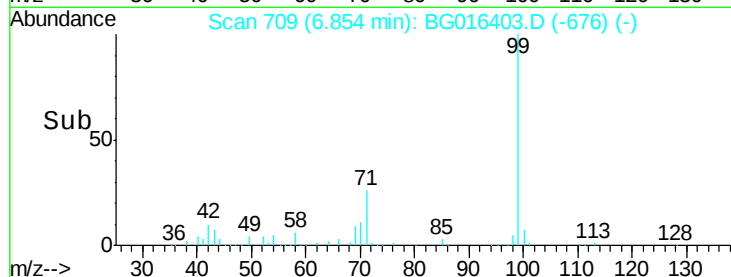
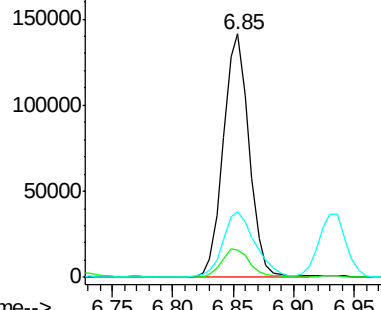
99 100

42 11.0 10.0 15.0

71 26.9 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



#9

Benzaldehyde

Concen: 2.83 ng

RT: 6.82 min Scan# 703

Delta R.T. -0.00 min

Lab File: BG016403.D

Acq: 14 Apr 2015 19:03

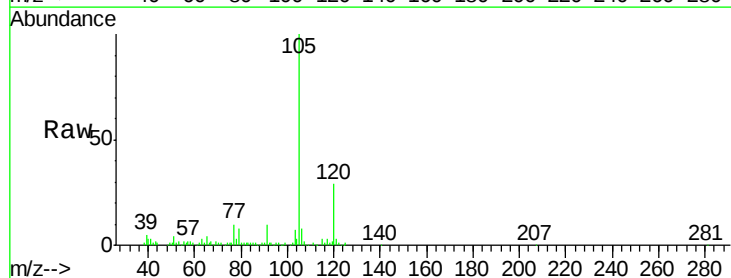
Tgt Ion: 77 Resp: 11097

Ion Ratio Lower Upper

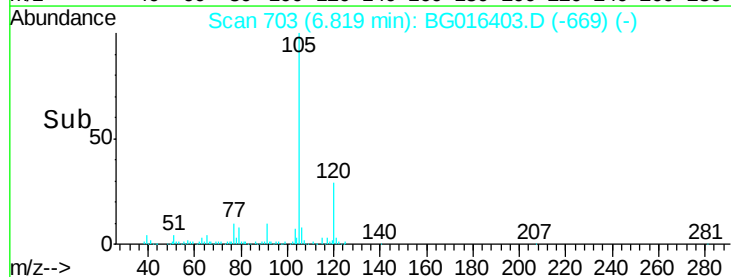
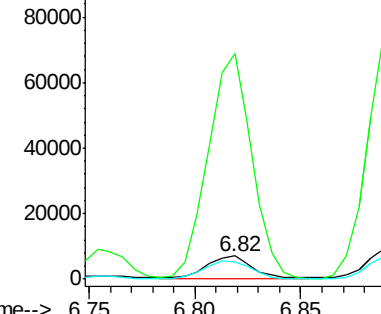
77 100

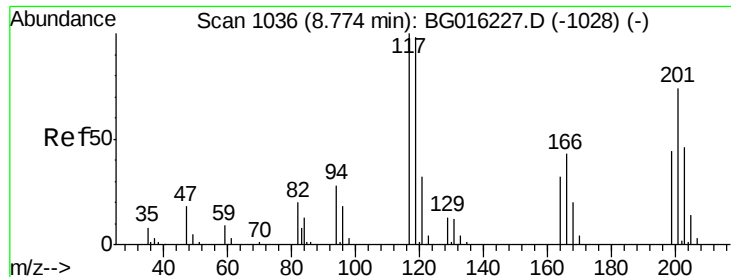
105 967.9 76.8 116.8#

106 74.7 80.1 120.1#



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC





#18

Hexachloroethane

Concen: 48.66 ng

RT: 8.77 min Scan# 1035

Delta R.T. 0.02 min

Lab File: BG016403.D

Acq: 14 Apr 2015 19:03

Instrument :

BNA_G

ClientSampleId :

MW-11

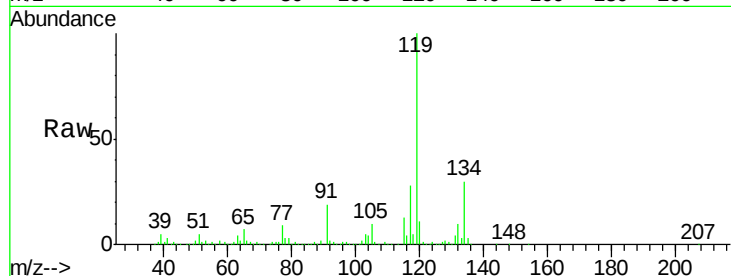
Tgt Ion:117 Resp: 104360

Ion Ratio Lower Upper

117 100

119 359.3 78.8 118.2#

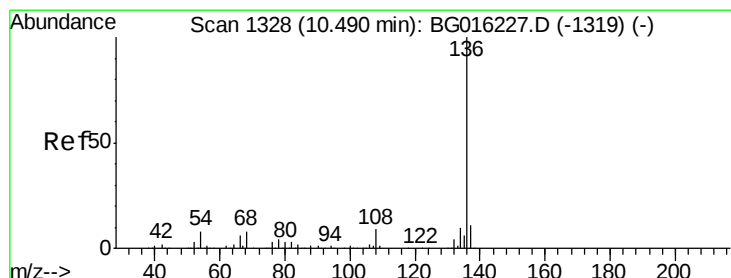
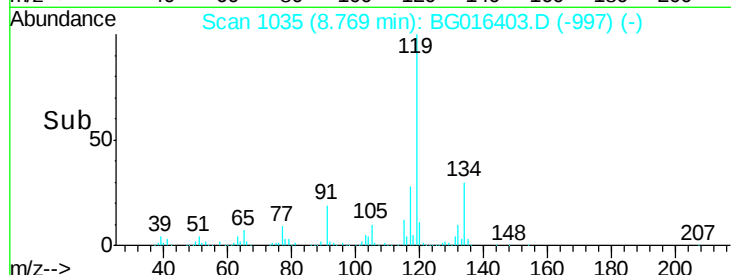
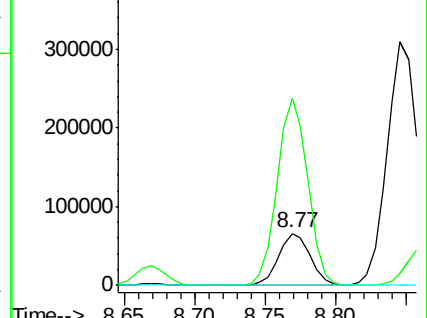
201 0.0 59.0 88.4#



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.46 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BG016403.D

Acq: 14 Apr 2015 19:03

Tgt Ion:136 Resp: 316451

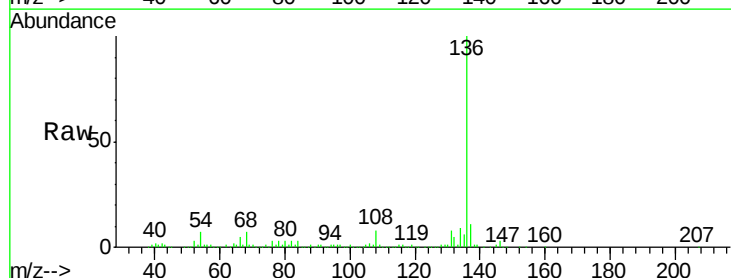
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 7.2 6.3 9.5

68 7.0 6.5 9.7

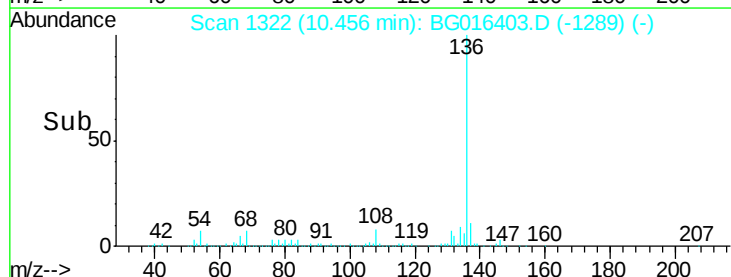
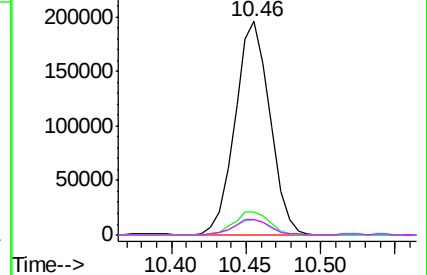


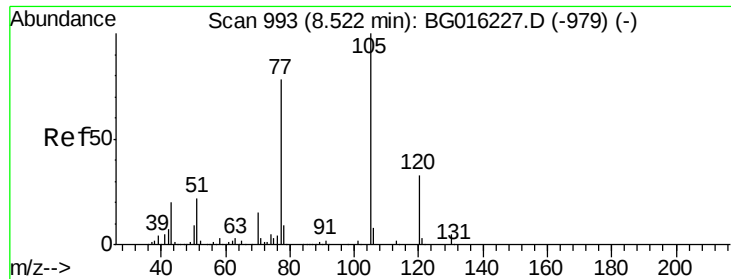
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

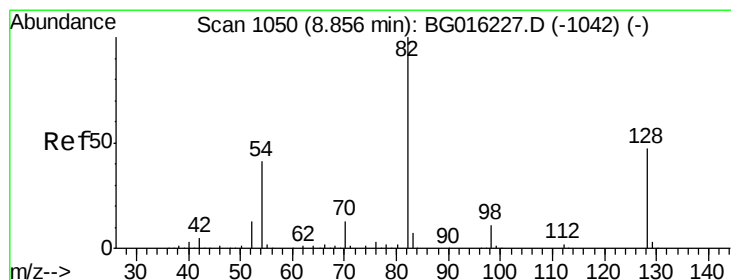
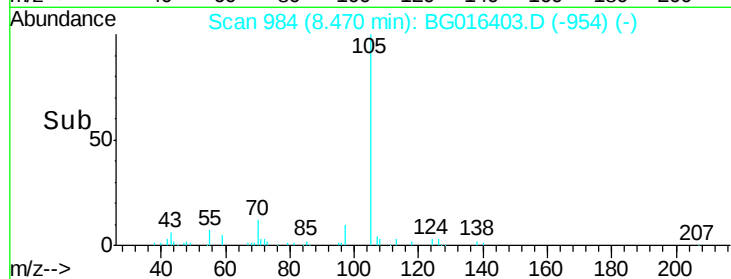
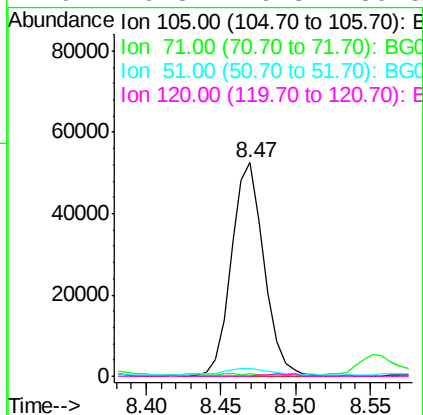
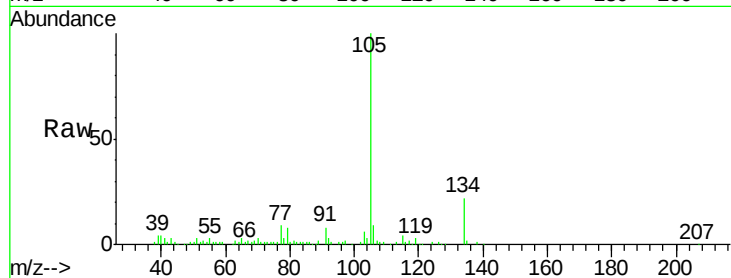




#22
 Acetophenone
 Concen: 10.93 ng
 RT: 8.47 min Scan# 984
 Delta R.T. -0.03 min
 Lab File: BG016403.D
 Acq: 14 Apr 2015 19:03

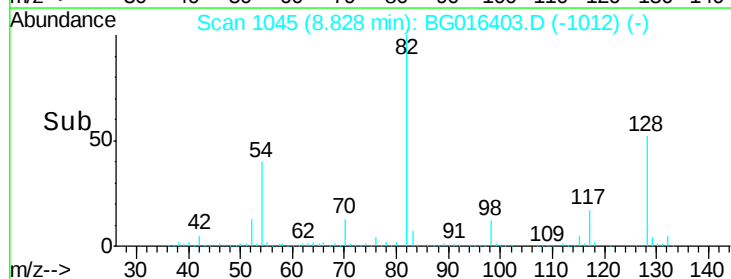
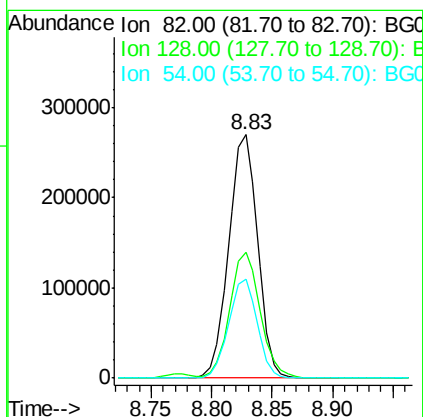
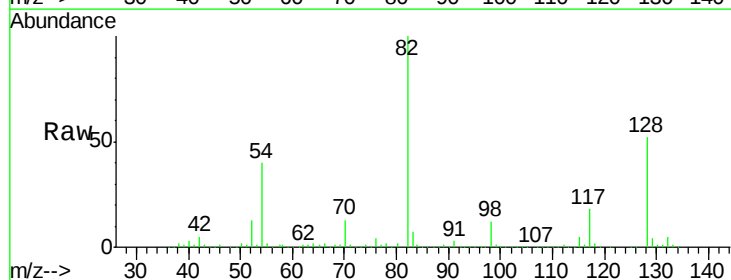
Instrument :
 BNA_G
 ClientSampleId :
 MW-11

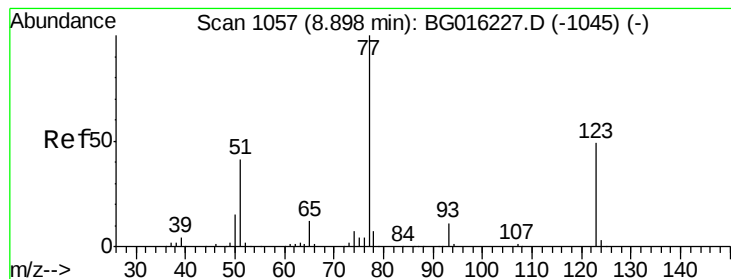
Tgt Ion:	105	Resp:	80230
Ion	Ratio	Lower	Upper
105	100		
71	1.3	2.0	3.0#
51	3.4	17.9	26.9#
120	0.3	26.3	39.5#



#23
 Nitrobenzene-d5
 Concen: 81.84 ng
 RT: 8.83 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BG016403.D
 Acq: 14 Apr 2015 19:03

Tgt Ion:	82	Resp:	447041
Ion	Ratio	Lower	Upper
82	100		
128	51.8	37.8	56.8
54	40.4	32.6	49.0





#24

Nitrobenzene

Concen: 4.46 ng

RT: 8.85 min Scan# 1048

Delta R.T. -0.03 min

Lab File: BG016403.D

Acq: 14 Apr 2015 19:03

Instrument :

BNA_G

ClientSampled :

MW-11

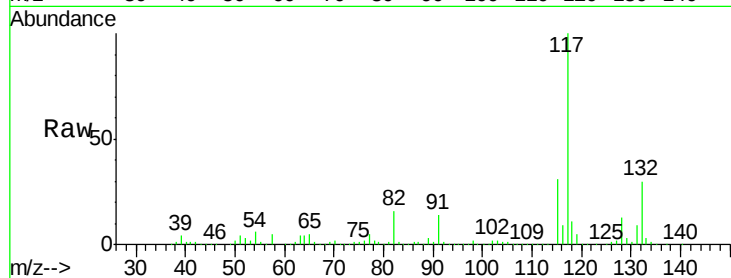
Tgt Ion: 77 Resp: 26039

Ion Ratio Lower Upper

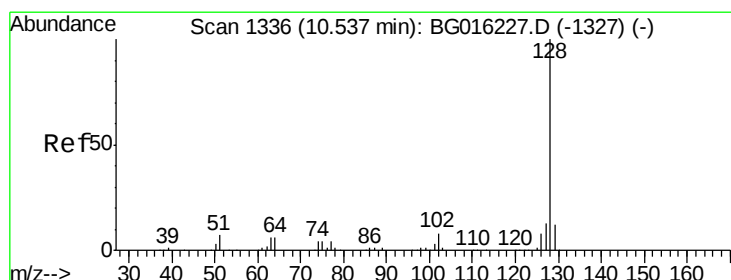
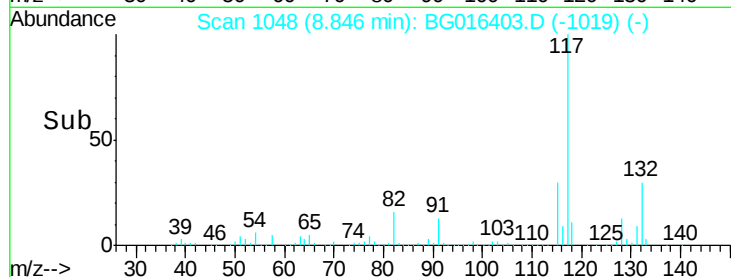
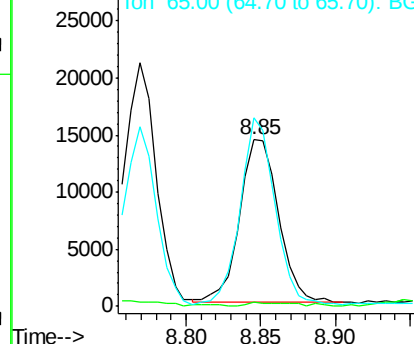
77 100

123 2.5 38.8 58.2#

65 112.9 9.4 14.2#



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC



#31

Naphthalene

Concen: 16.16 ng

RT: 10.50 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BG016403.D

Acq: 14 Apr 2015 19:03

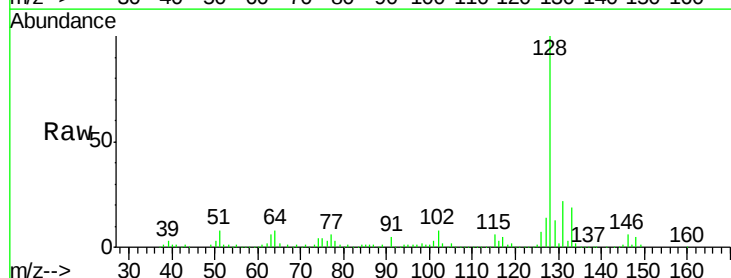
Tgt Ion: 128 Resp: 266399

Ion Ratio Lower Upper

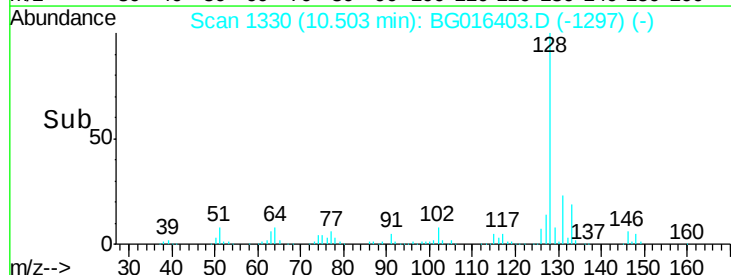
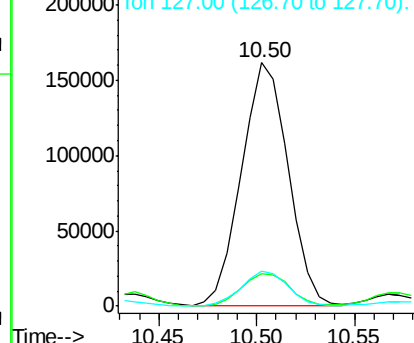
128 100

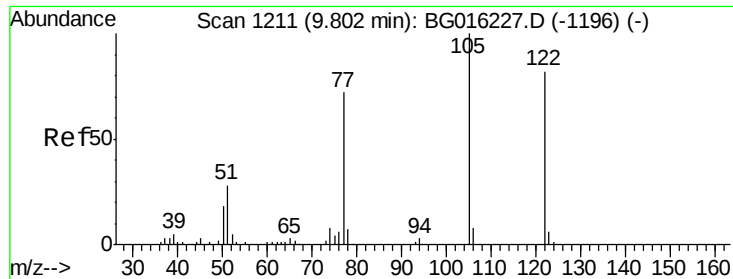
129 13.5 9.2 13.8

127 14.4 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 129.00 (128.70 to 129.70): BGC
Ion 127.00 (126.70 to 127.70): BGC

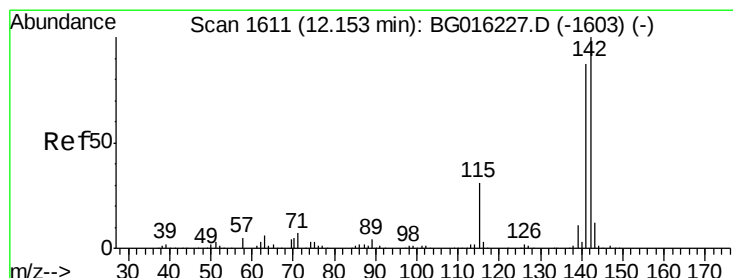
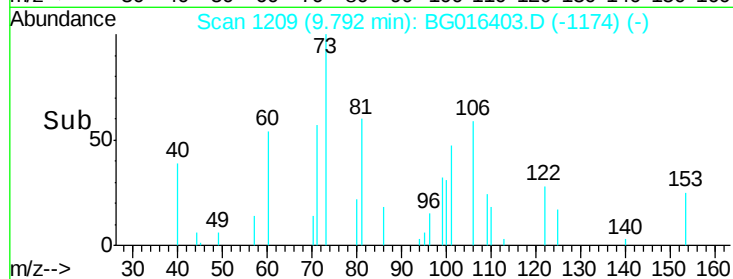
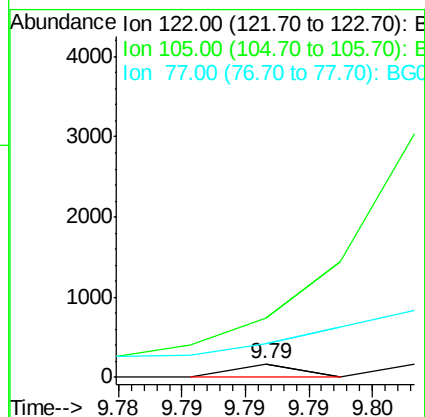
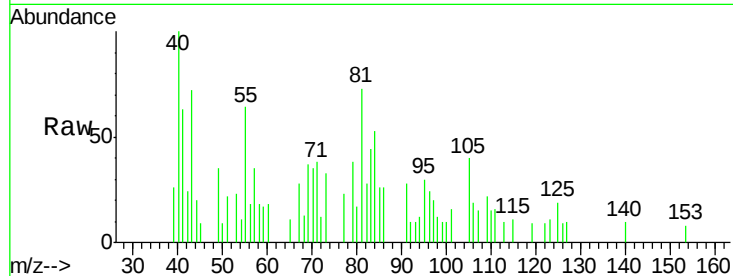




#32
Benzoic acid
Concen: 8.75 ng
RT: 9.79 min Scan# 1209
Delta R.T. 0.00 min
Lab File: BG016403.D
Acq: 14 Apr 2015 19:03

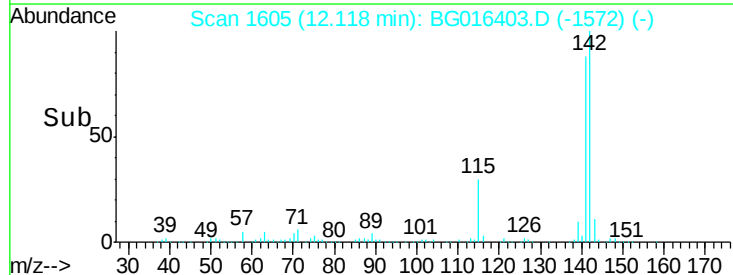
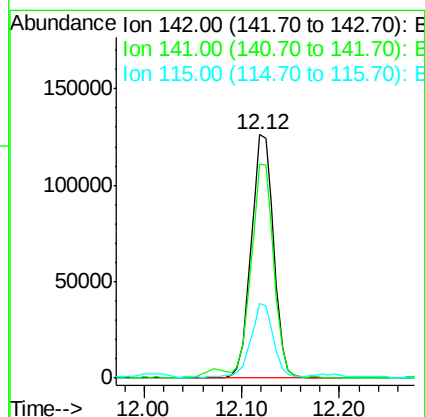
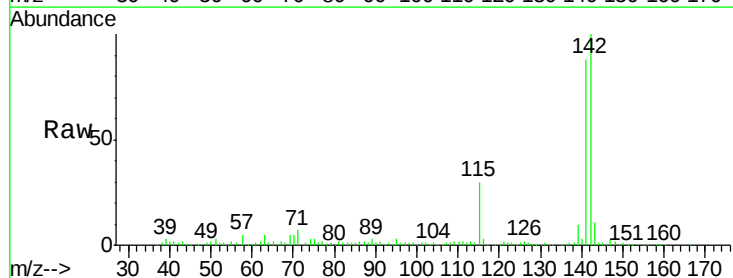
Instrument :
BNA_G
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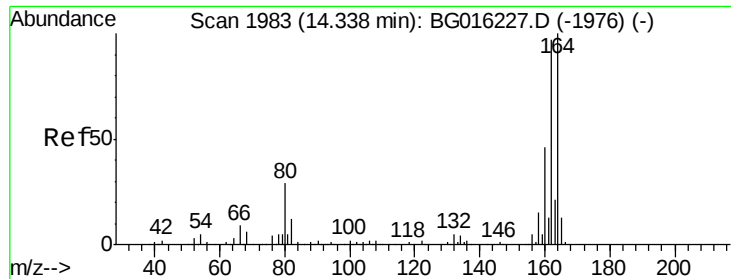
Tgt Ion:122 Resp: 59
Ion Ratio Lower Upper
122 100
105 437.5 99.7 139.7#
77 246.4 66.8 106.8#



#37
2-Methylnaphthalene
Concen: 17.28 ng
RT: 12.12 min Scan# 1605
Delta R.T. -0.01 min
Lab File: BG016403.D
Acq: 14 Apr 2015 19:03

Tgt Ion:142 Resp: 204950
Ion Ratio Lower Upper
142 100
141 87.9 69.3 103.9
115 30.4 25.0 37.6

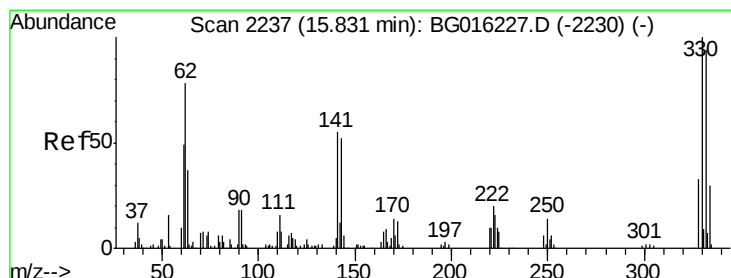
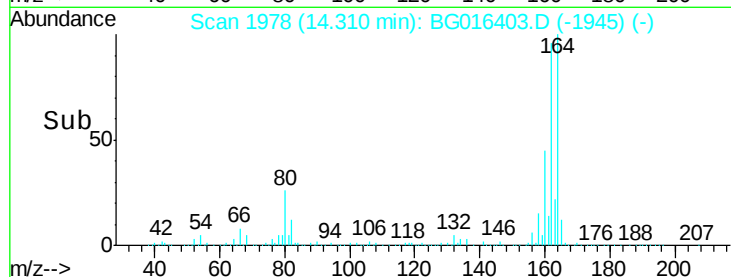
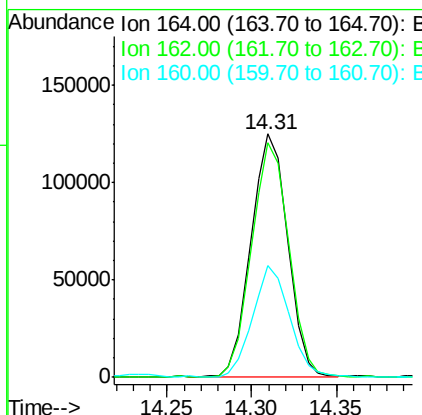
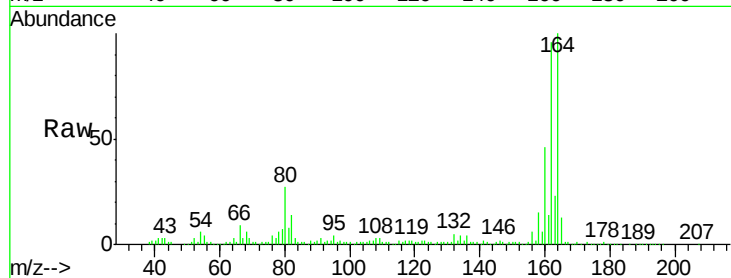




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.31 min Scan# 1978
 Delta R.T. -0.01 min
 Lab File: BG016403.D
 Acq: 14 Apr 2015 19:03

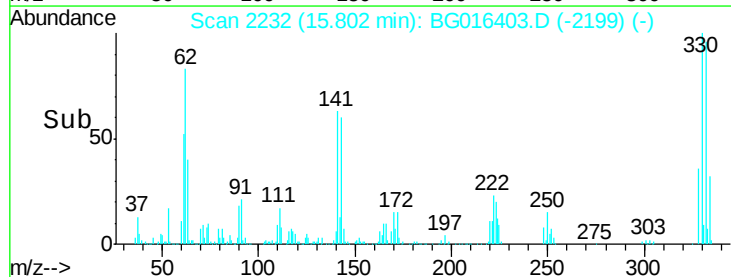
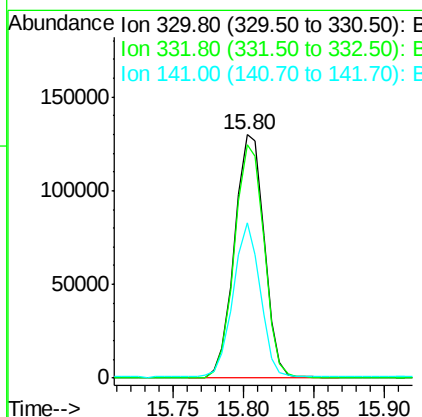
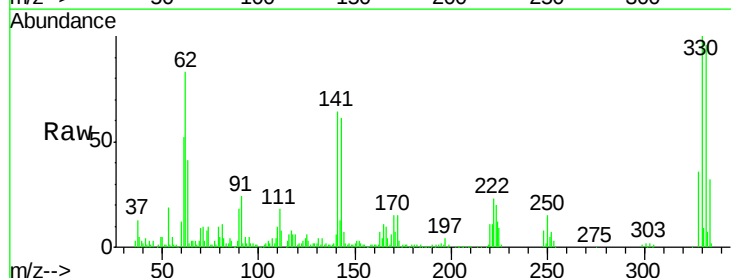
Instrument :
 BNA_G
 ClientSampleId :
 MW-11

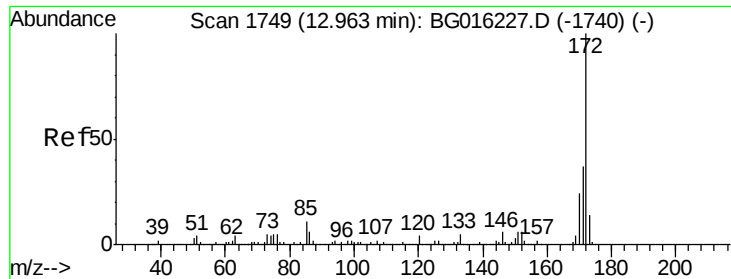
Tgt Ion:164 Resp: 186740
 Ion Ratio Lower Upper
 164 100
 162 96.3 77.3 115.9
 160 45.8 36.7 55.1



#41
 2,4,6-Tribromophenol
 Concen: 151.96 ng
 RT: 15.80 min Scan# 2232
 Delta R.T. -0.01 min
 Lab File: BG016403.D
 Acq: 14 Apr 2015 19:03

Tgt Ion:330 Resp: 191911
 Ion Ratio Lower Upper
 330 100
 332 95.2 75.8 113.6
 141 57.4 46.6 69.8

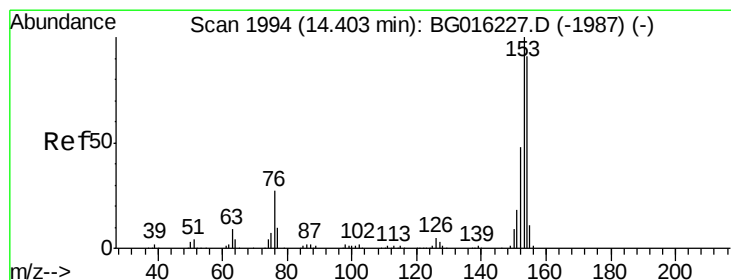
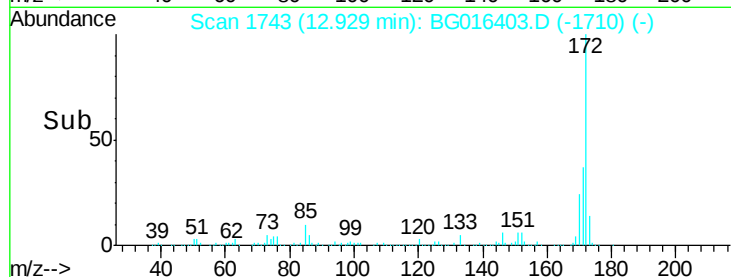
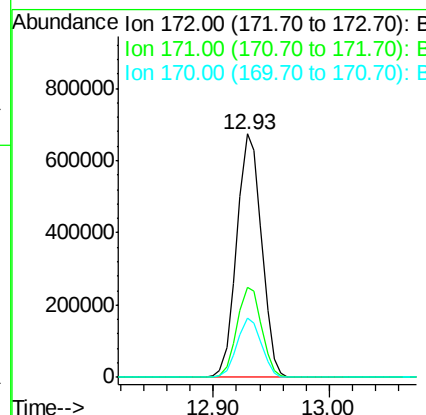
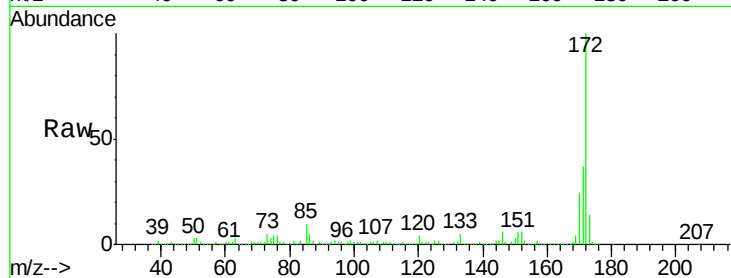




#44
2-Fluorobiphenyl
Concen: 91.31 ng
RT: 12.93 min Scan# 1743
Delta R.T. -0.01 min
Lab File: BG016403.D
Acq: 14 Apr 2015 19:03

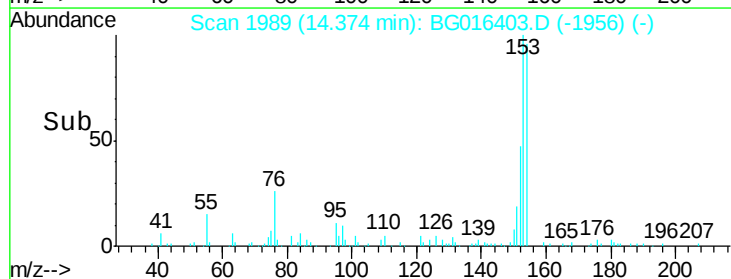
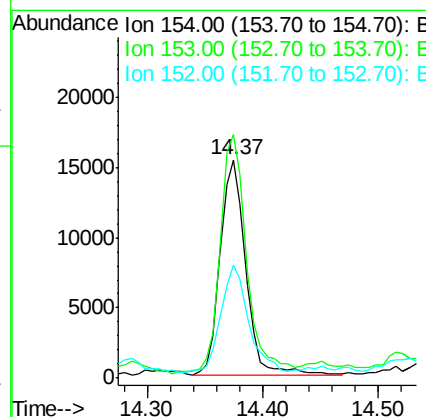
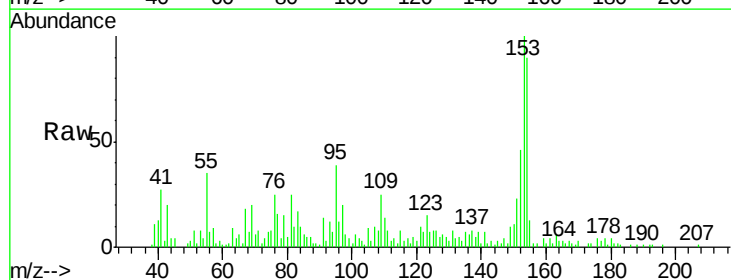
Instrument :
BNA_G
ClientSampleId :
MW-11

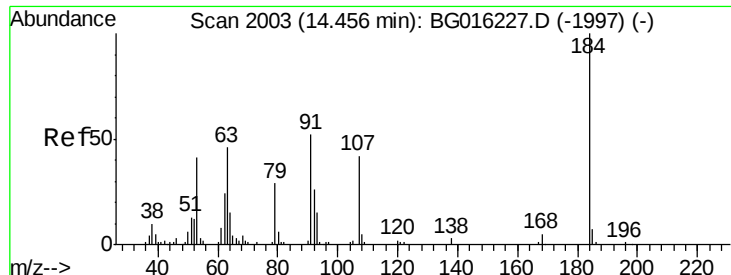
Tgt Ion:172 Resp: 1001505
Ion Ratio Lower Upper
172 100
171 37.1 29.6 44.4
170 24.4 19.4 29.2



#51
Acenaphthene
Concen: 2.05 ng
RT: 14.37 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BG016403.D
Acq: 14 Apr 2015 19:03

Tgt Ion:154 Resp: 23764
Ion Ratio Lower Upper
154 100
153 111.6 87.5 131.3
152 51.8 42.1 63.1

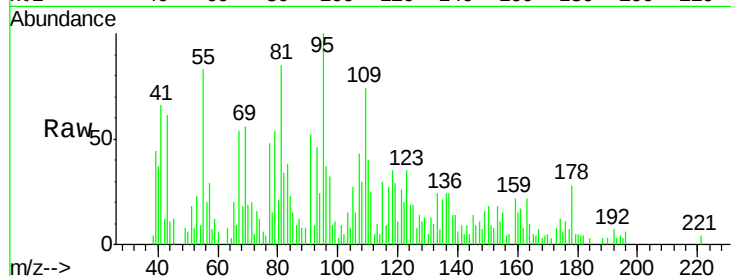




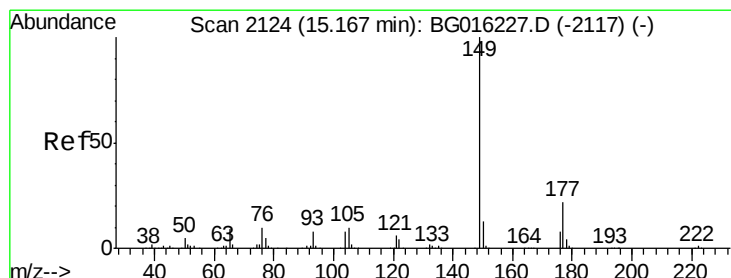
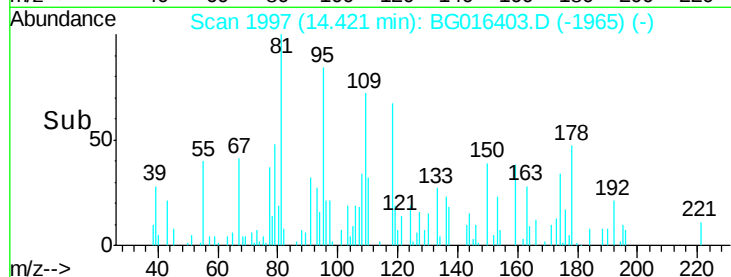
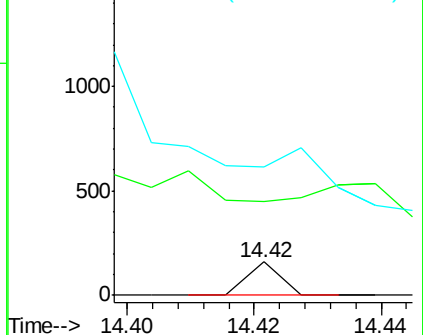
#53
2,4-Dinitrophenol
Concen: 8.29 ng
RT: 14.42 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BG016403.D
Acq: 14 Apr 2015 19:03

Instrument :
BNA_G
ClientSampleId :
MW-11

Tgt Ion:184 Resp: 56
Ion Ratio Lower Upper
184 100
63 284.3 45.8 68.6#
154 386.8 34.5 51.7#

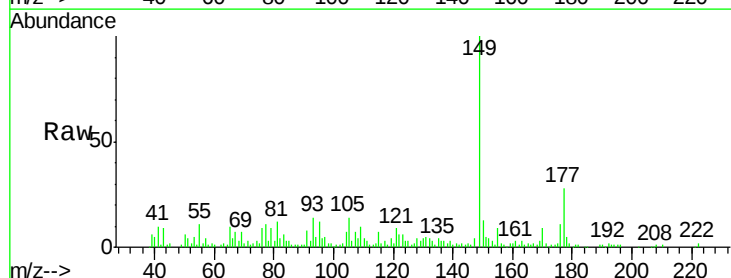


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

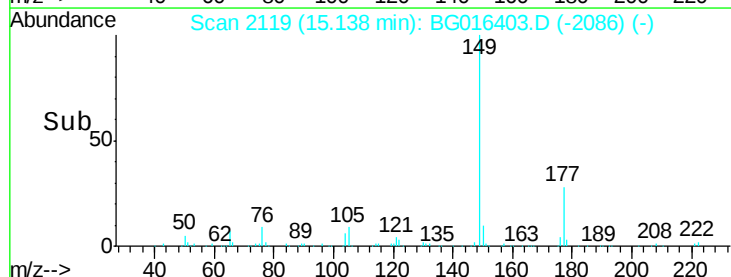
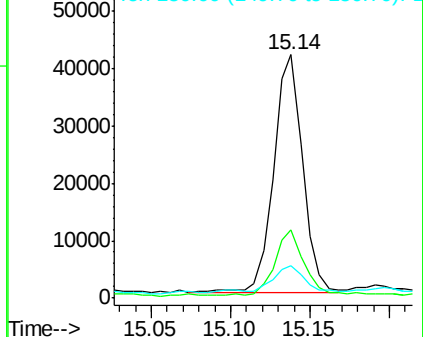


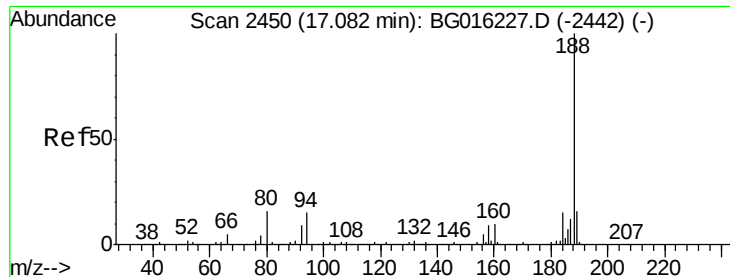
#59
Diethylphthalate
Concen: 3.57 ng
RT: 15.14 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BG016403.D
Acq: 14 Apr 2015 19:03

Tgt Ion:149 Resp: 52034
Ion Ratio Lower Upper
149 100
177 27.9 17.7 26.5#
150 13.4 10.0 15.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

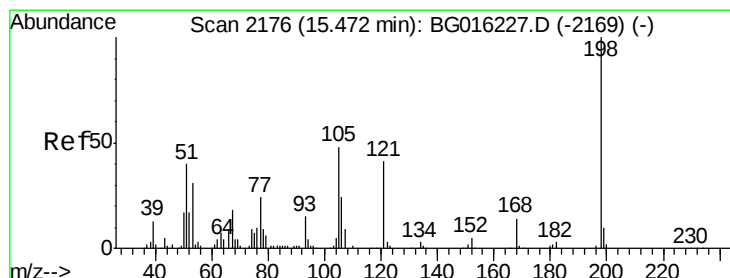
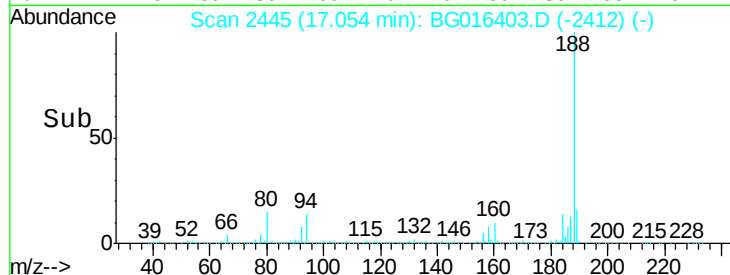
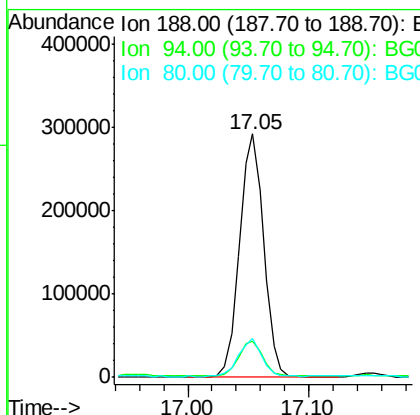
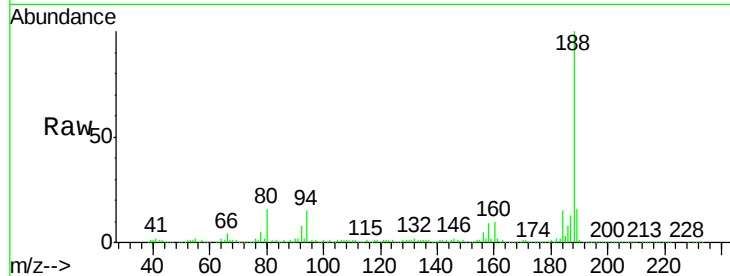




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.05 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG016403.D
Acq: 14 Apr 2015 19:03

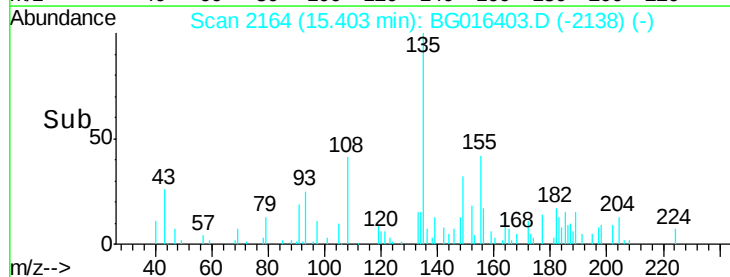
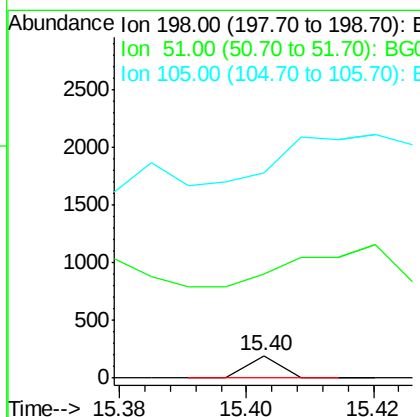
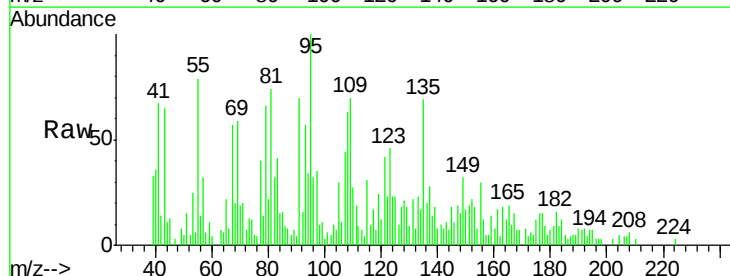
Instrument :
BNA_G
ClientSampleId :
MW-11

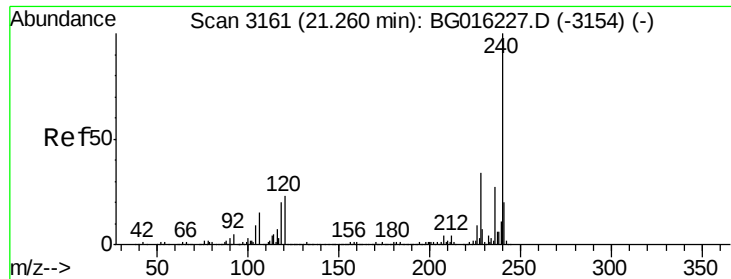
Tgt Ion:188 Resp: 404792
Ion Ratio Lower Upper
188 100
94 15.0 12.2 18.4
80 15.7 12.8 19.2



#64
4,6-Dinitro-2-methylphenol
Concen: 3.91 ng
RT: 15.40 min Scan# 2164
Delta R.T. -0.05 min
Lab File: BG016403.D
Acq: 14 Apr 2015 19:03

Tgt Ion:198 Resp: 68
Ion Ratio Lower Upper
198 100
51 464.8 20.7 60.7#
105 918.7 28.8 68.8#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.23 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG016403.D

Acq: 14 Apr 2015 19:03

Instrument :

BNA_G

ClientSampleId :

MW-11

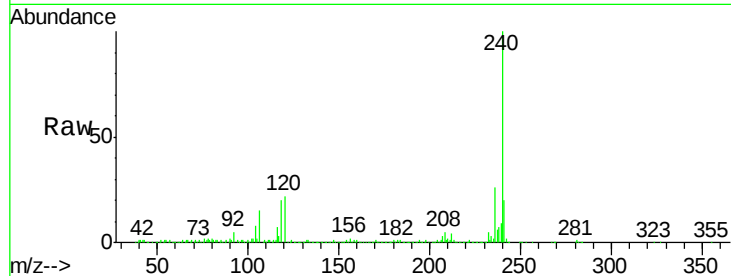
Tgt Ion:240 Resp: 374472

Ion Ratio Lower Upper

240 100

120 22.5 18.6 28.0

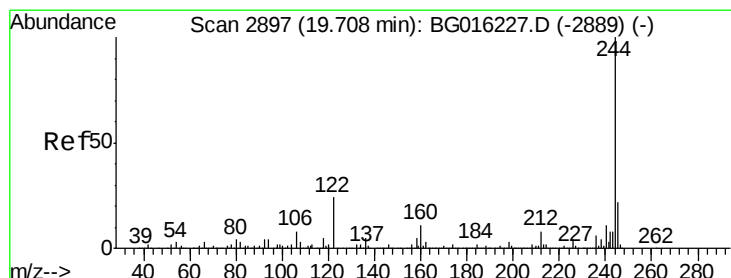
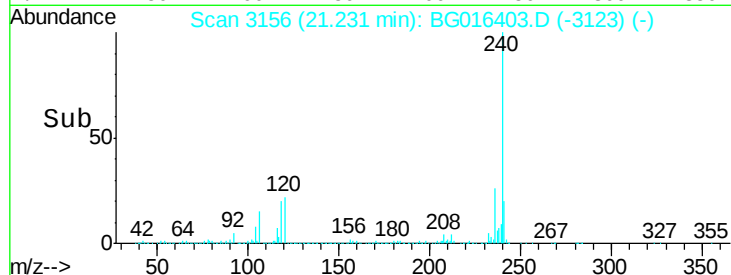
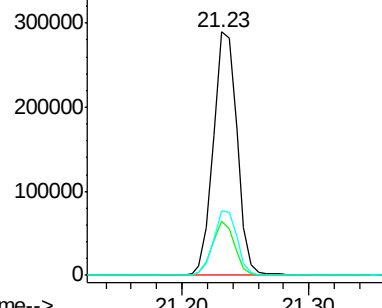
236 26.5 21.7 32.5



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: 62.83 ng

RT: 19.69 min Scan# 2893

Delta R.T. -0.00 min

Lab File: BG016403.D

Acq: 14 Apr 2015 19:03

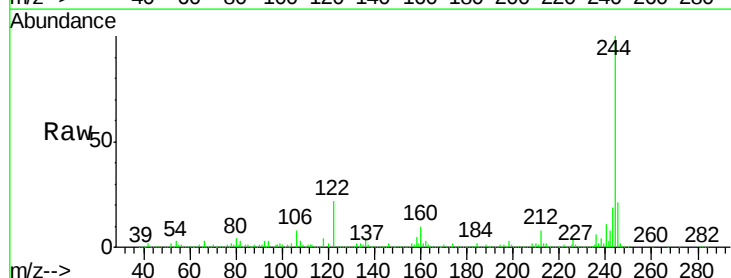
Tgt Ion:244 Resp: 1005287

Ion Ratio Lower Upper

244 100

212 8.1 6.6 9.8

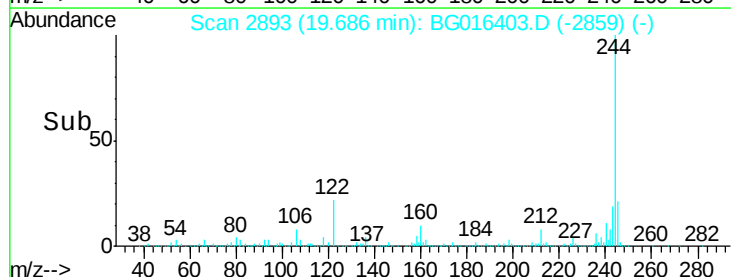
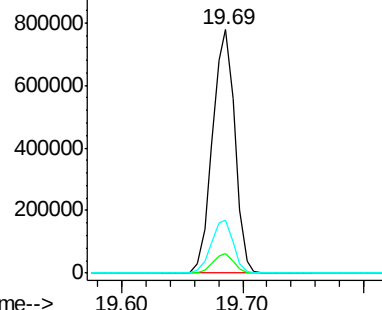
122 21.7 19.1 28.7

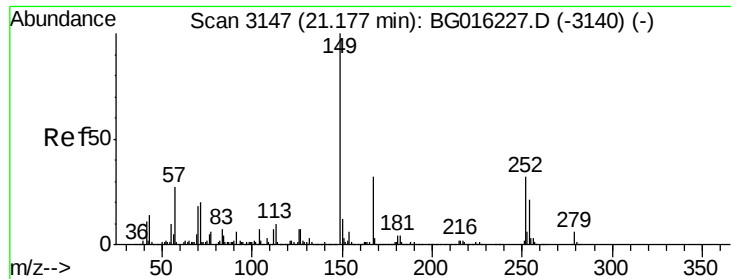


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

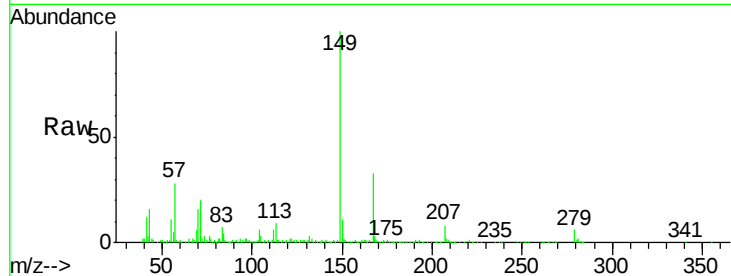




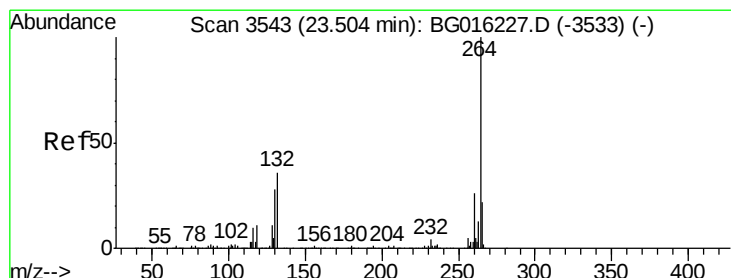
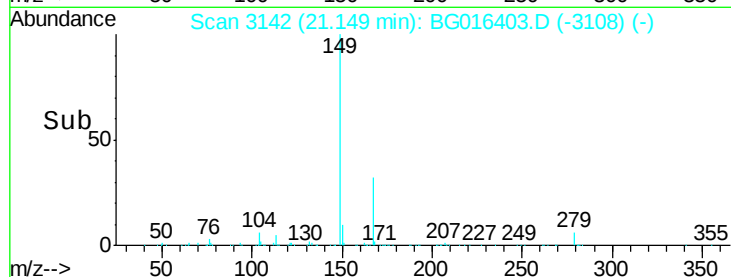
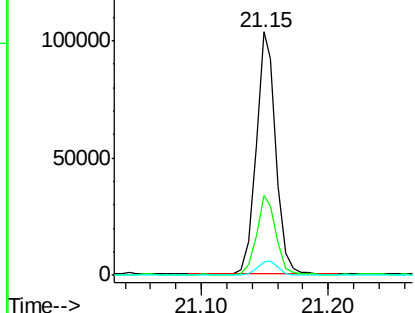
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 6.44 ng
 RT: 21.15 min Scan# 3142
 Delta R.T. -0.00 min
 Lab File: BG016403.D
 Acq: 14 Apr 2015 19:03

Instrument :
 BNA_G
 ClientSampleId :
 MW-11

Tgt Ion:149 Resp: 111671
 Ion Ratio Lower Upper
 149 100
 167 32.7 25.8 38.6
 279 5.6 4.7 7.1

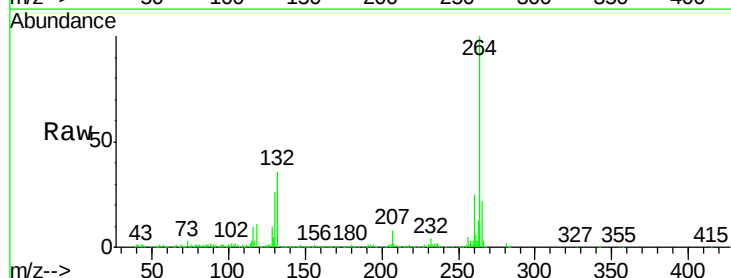


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.47 min Scan# 3537
 Delta R.T. 0.00 min
 Lab File: BG016403.D
 Acq: 14 Apr 2015 19:03

Tgt Ion:264 Resp: 346215
 Ion Ratio Lower Upper
 264 100
 260 25.1 20.4 30.6
 265 21.6 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

