

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 04:01:10 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

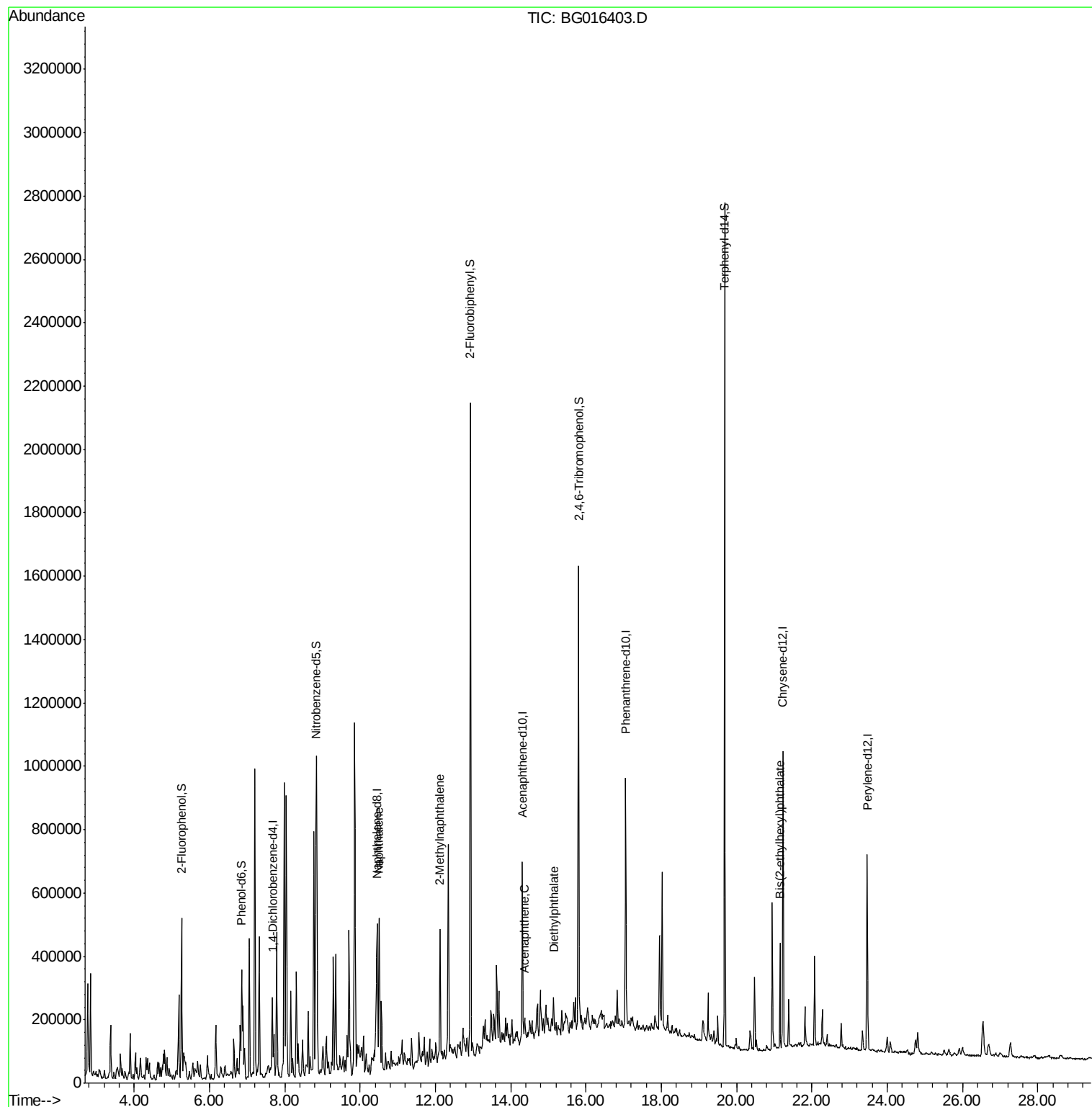
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	70331	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	316451	20.00	ng	0.00
38) Acenaphthene-d10	14.31	164	186740	20.00	ng	0.00
63) Phenanthrene-d10	17.05	188	404792	20.00	ng	0.00
75) Chrysene-d12	21.23	240	374472	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
31) Naphthalene	10.50	128	266399	16.16	ng	96
37) 2-Methylnaphthalene	12.12	142	204950	17.28	ng	99
51) Acenaphthene	14.37	154	23764	2.05	ng	98
59) Diethylphthalate	15.14	149	52034	3.57	ng	# 91
83) Bis(2-ethylhexyl)phthalate	21.15	149	111671	6.44	ng	99

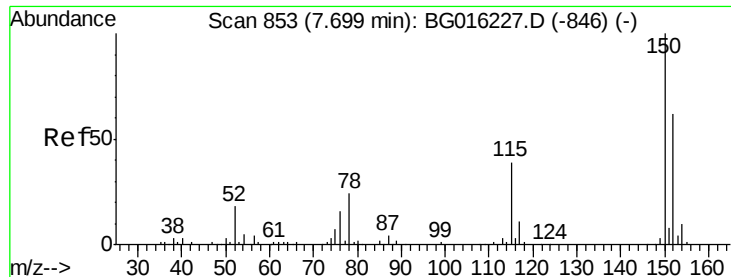
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 15 04:01:10 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





#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

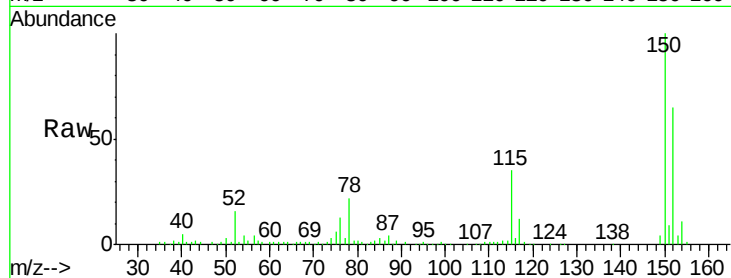
Tgt Ion:152 Resp: 70331

Ion Ratio Lower Upper

152 100

150 154.8 130.1 195.1

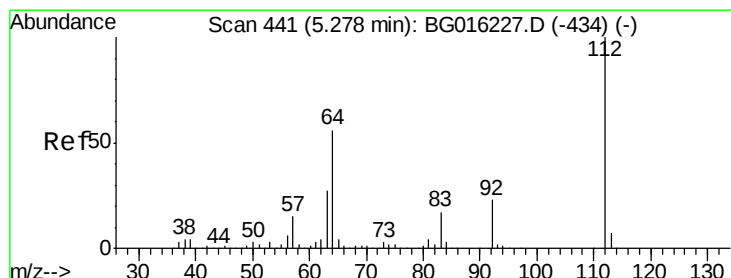
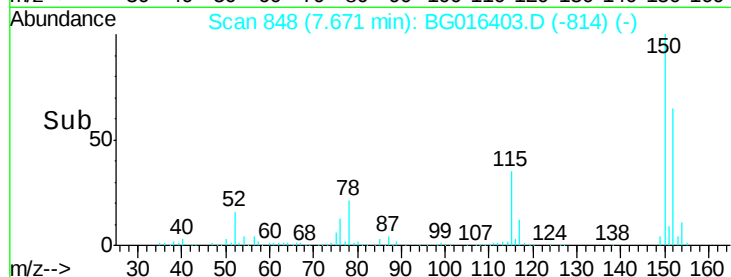
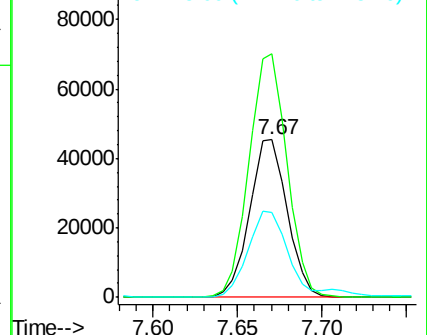
115 54.1 50.5 75.7



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: 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

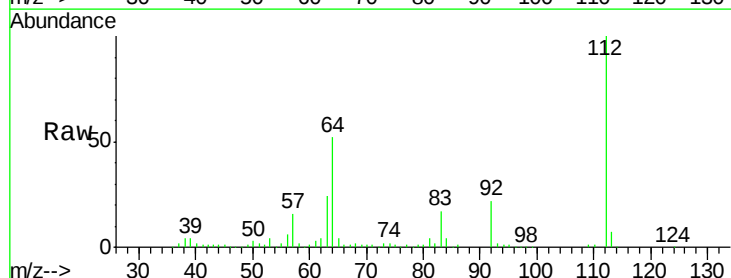
Tgt Ion:112 Resp: 233625

Ion Ratio Lower Upper

112 100

64 52.0 44.5 66.7

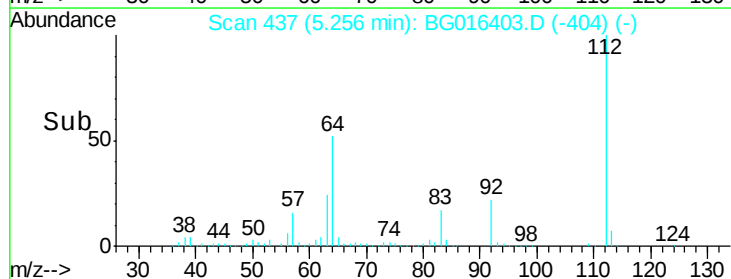
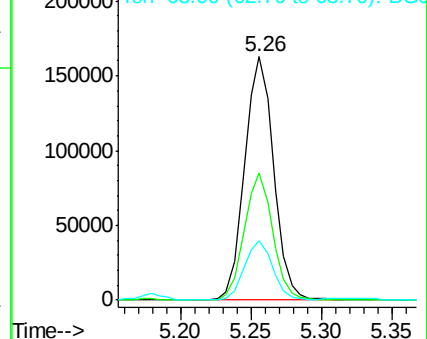
63 24.4 21.4 32.0

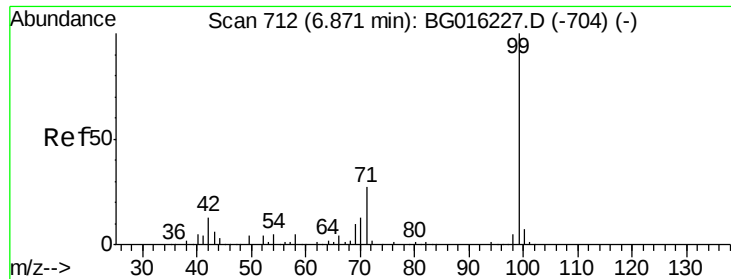


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#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

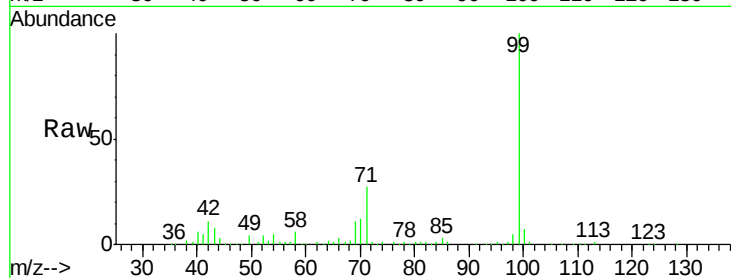
Tgt Ion: 99 Resp: 212172

Ion Ratio Lower Upper

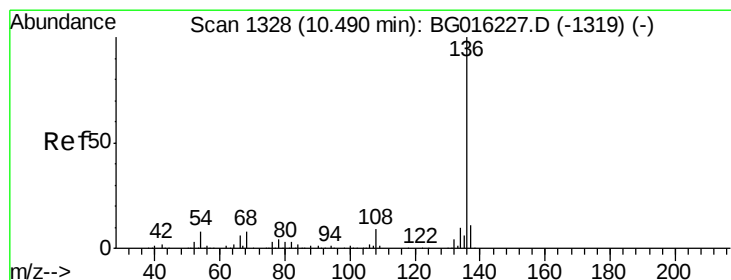
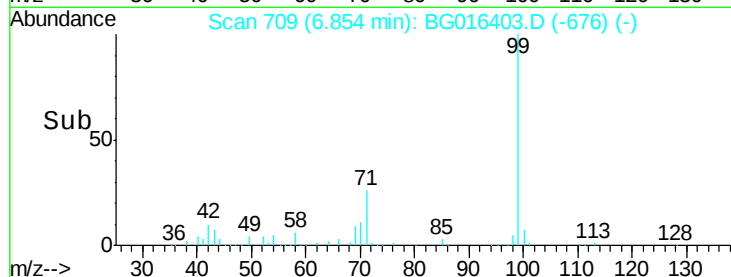
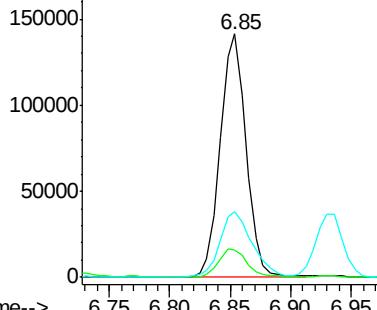
99 100

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



#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

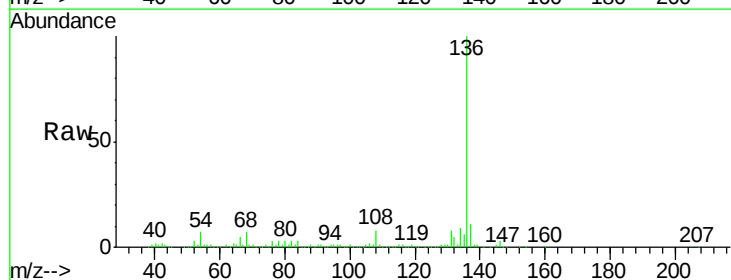
Ion Ratio Lower Upper

136 100

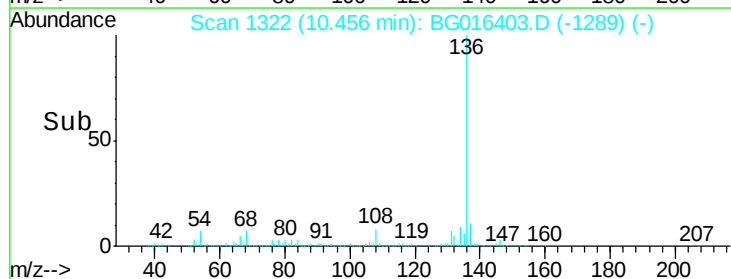
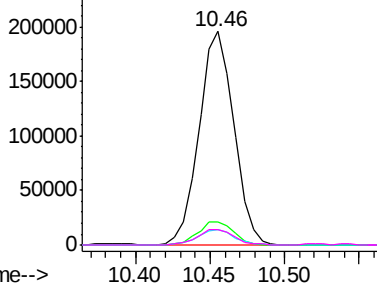
137 10.8 8.7 13.1

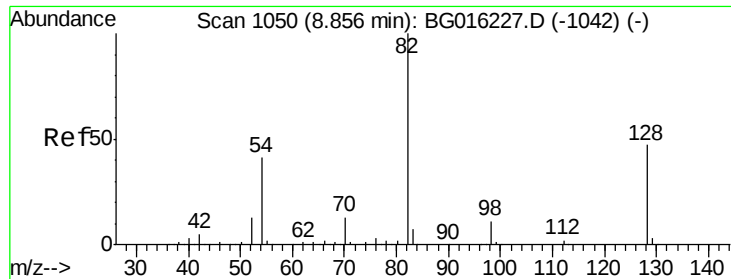
54 7.2 6.3 9.5

68 7.0 6.5 9.7



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





#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

Instrument :

BNA_G

ClientSampleId :

MW-11

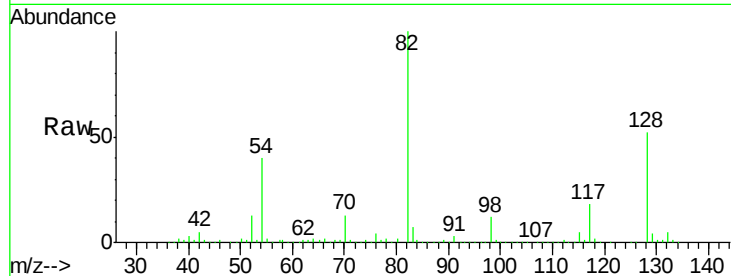
Tgt Ion: 82 Resp: 447041

Ion Ratio Lower Upper

82 100

128 51.8 37.8 56.8

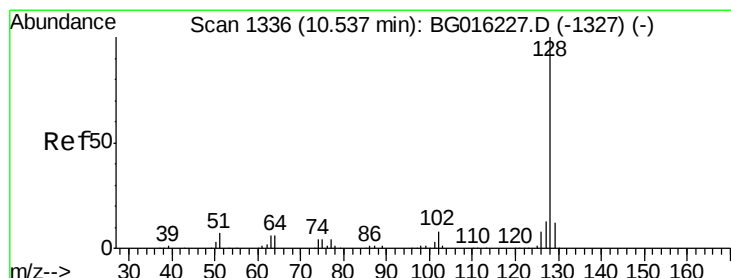
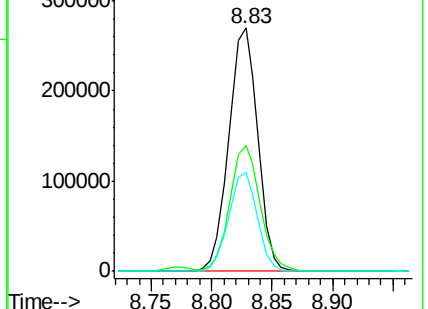
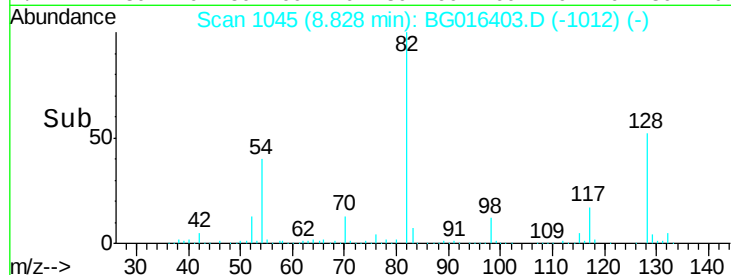
54 40.4 32.6 49.0



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



#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

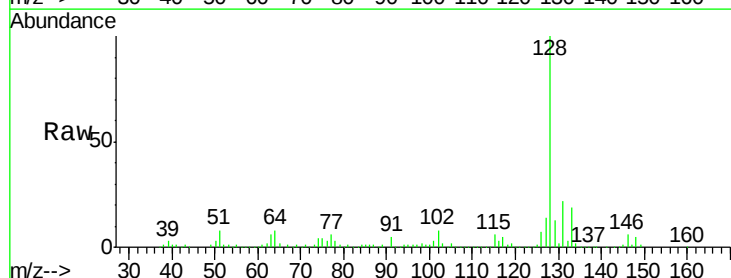
Tgt Ion: 128 Resp: 266399

Ion Ratio Lower Upper

128 100

129 13.5 9.2 13.8

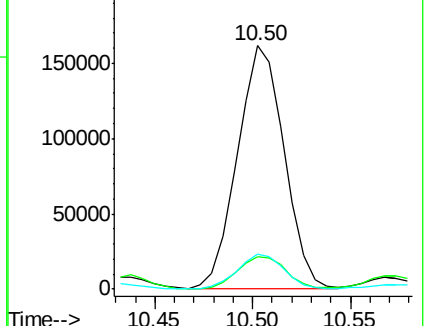
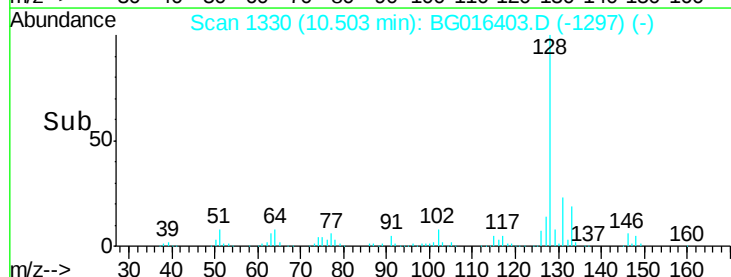
127 14.4 10.6 16.0

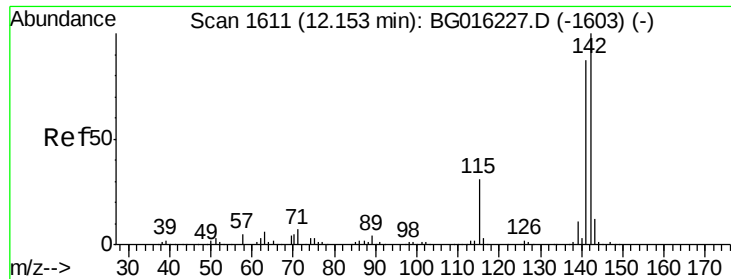


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 129.00 (128.70 to 129.70): BGC

Ion 127.00 (126.70 to 127.70): BGC

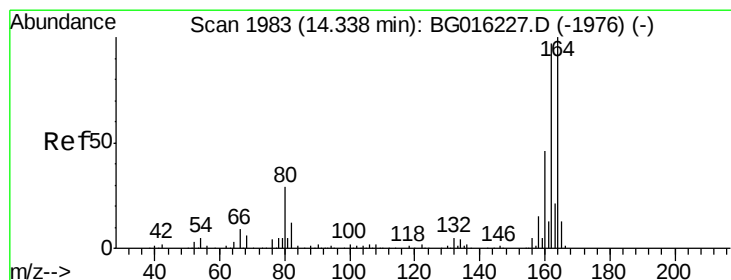
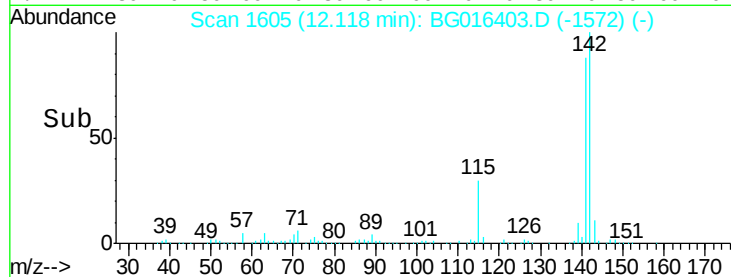
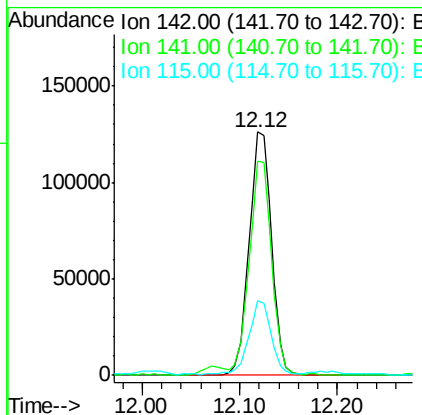
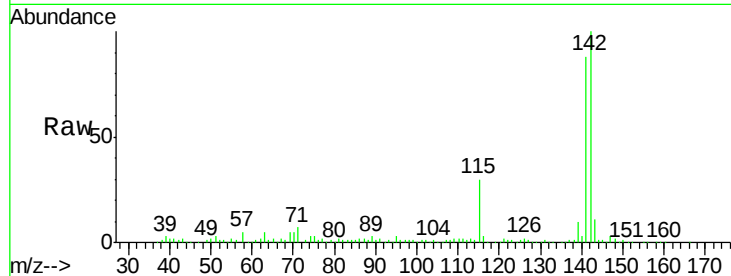




#37
2-Methylnaphthalene
Concen: 17.28 ng
RT: 12.12 min Scan# 1605
Delta R.T. -0.01 min
Lab File: BG016403.D
Acq: 14 Apr 2015 19:03

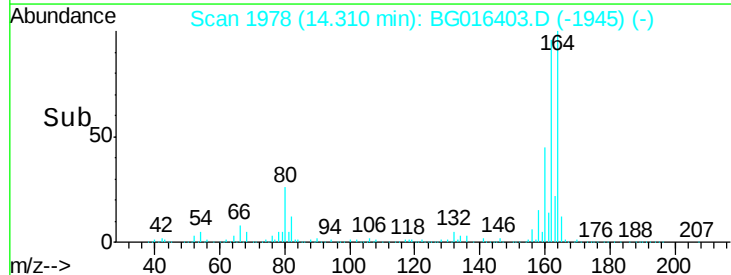
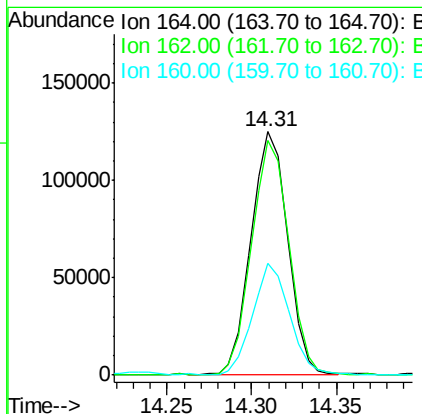
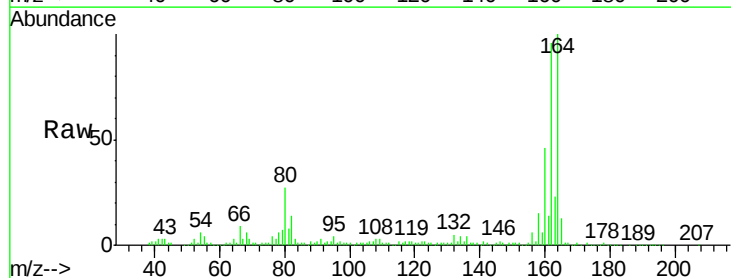
Instrument :
BNA_G
ClientSampleId :
MW-11

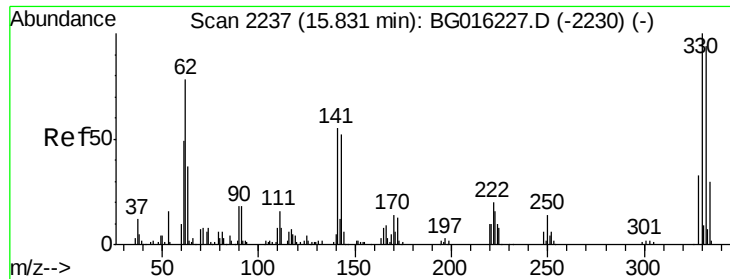
Tgt Ion:142 Resp: 204950
Ion Ratio Lower Upper
142 100
141 87.9 69.3 103.9
115 30.4 25.0 37.6



#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

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

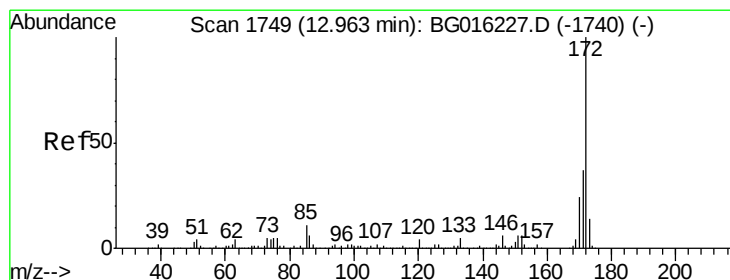
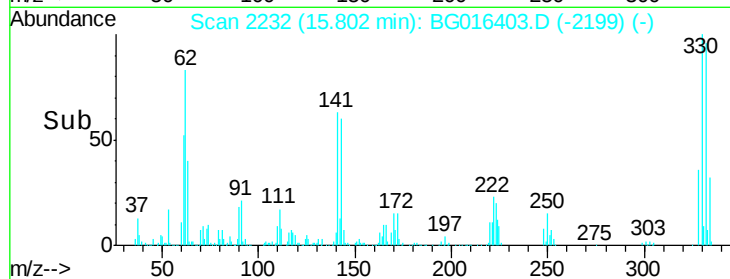
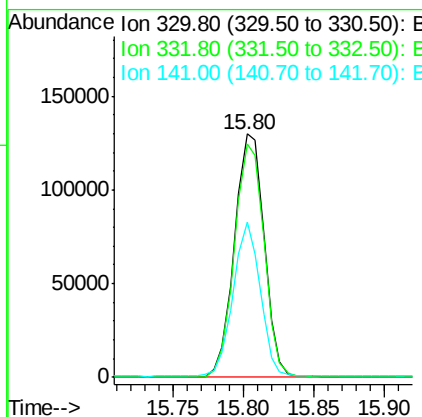
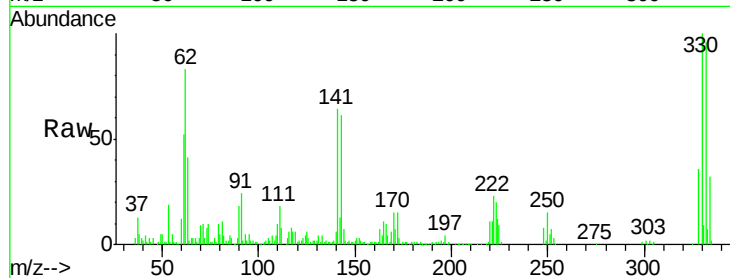




#41
 2,4,6-Tribromophenol
 Concen: 151.96 ng
 RT: 15.80 min Scan# 2232
 Delta R.T. -0.01 min
 Lab File: BG016403.D
 Acq: 14 Apr 2015 19:03

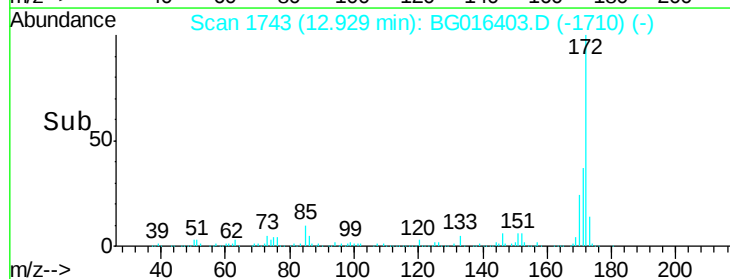
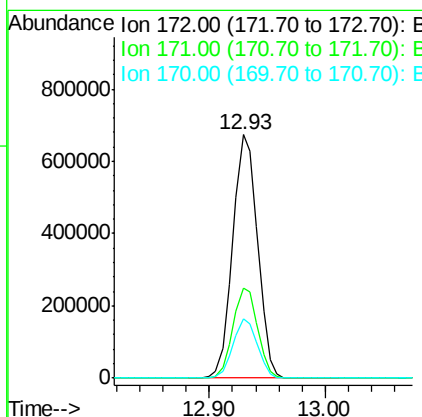
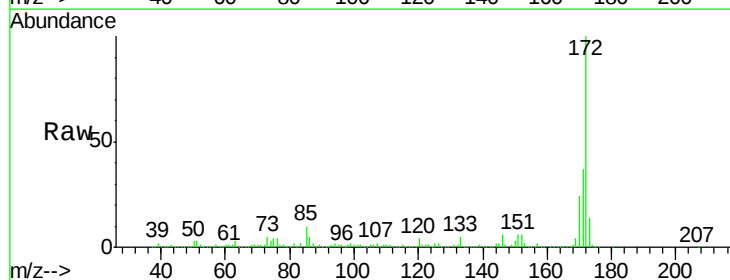
Instrument :
 BNA_G
 ClientSampleId :
 MW-11

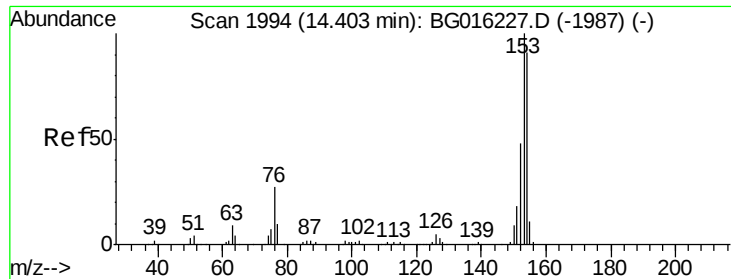
Tgt Ion:330 Resp: 191911
 Ion Ratio Lower Upper
 330 100
 332 95.2 75.8 113.6
 141 57.4 46.6 69.8



#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

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

Instrument :

BNA_G

ClientSampleId :

MW-11

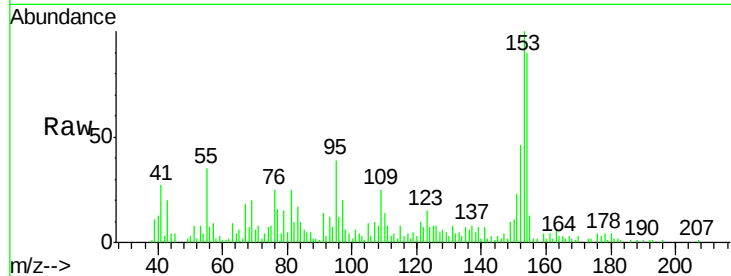
Tgt Ion:154 Resp: 23764

Ion Ratio Lower Upper

154 100

153 111.6 87.5 131.3

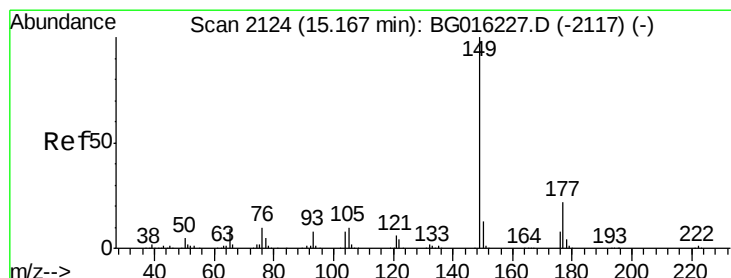
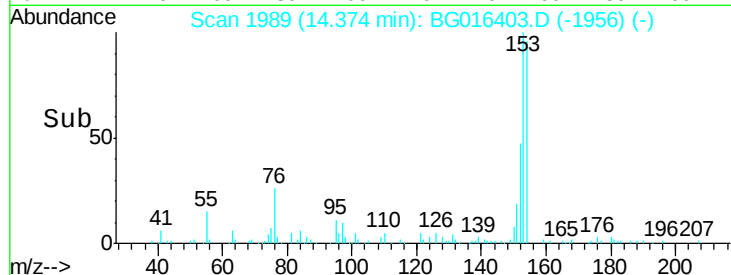
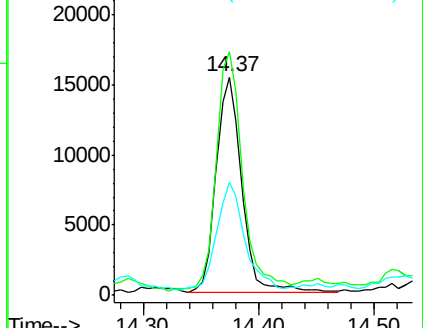
152 51.8 42.1 63.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): 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

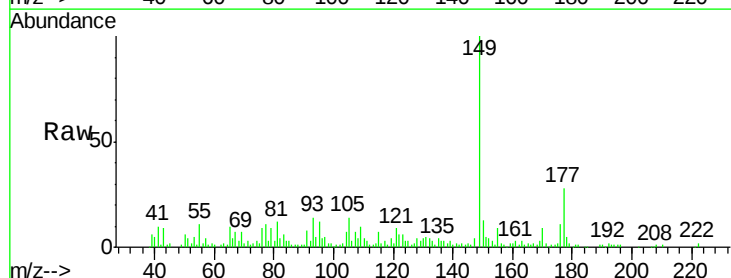
Tgt Ion:149 Resp: 52034

Ion Ratio Lower Upper

149 100

177 27.9 17.7 26.5#

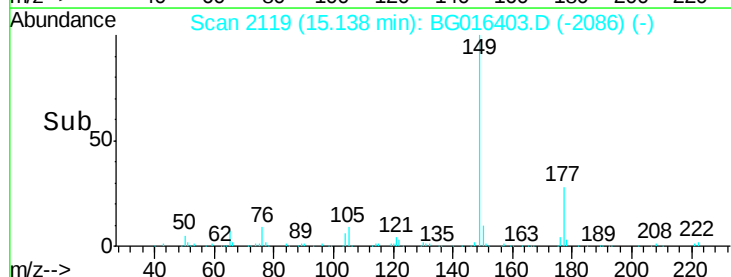
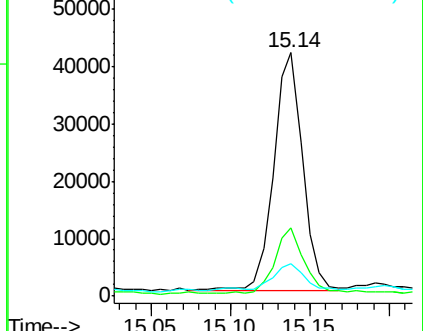
150 13.4 10.0 15.0

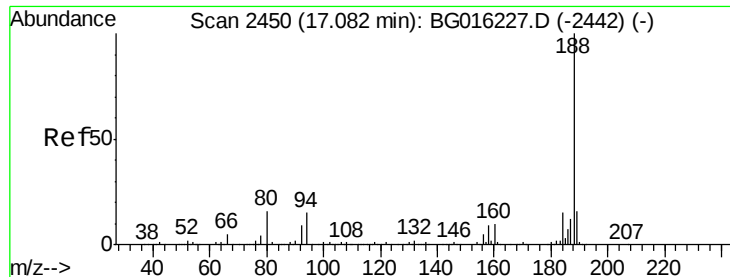


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

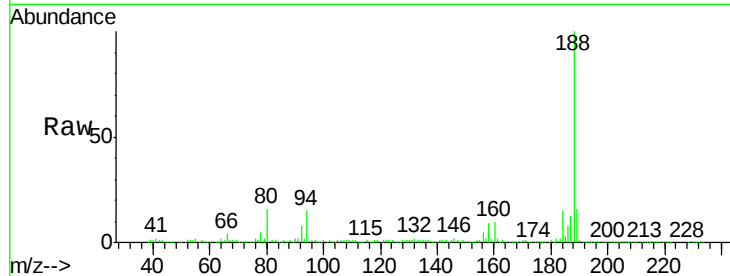




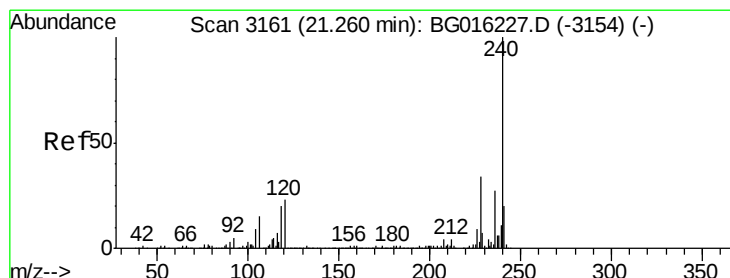
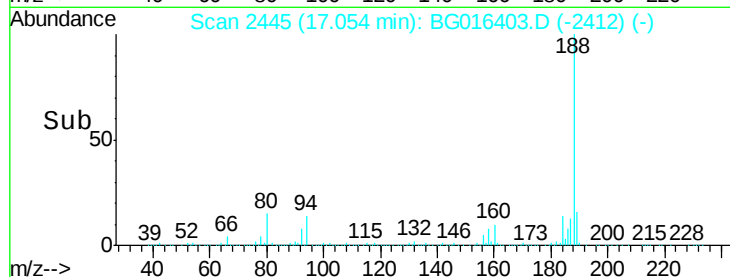
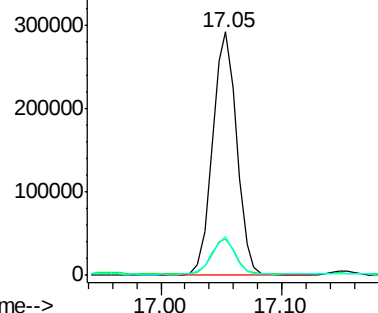
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.05 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG016403.D
Acq: 14 Apr 2015 19:03

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

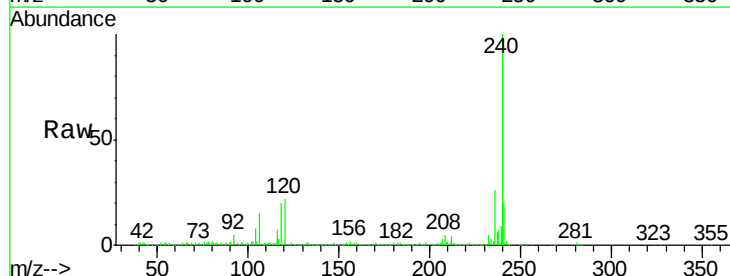


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

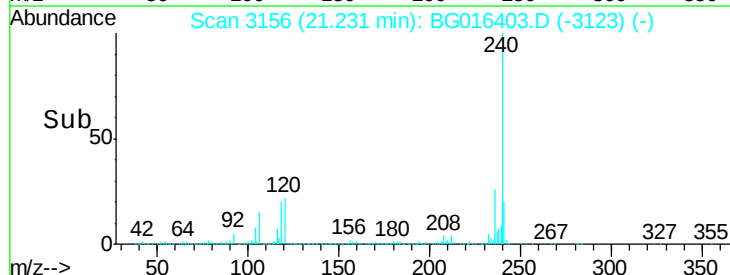
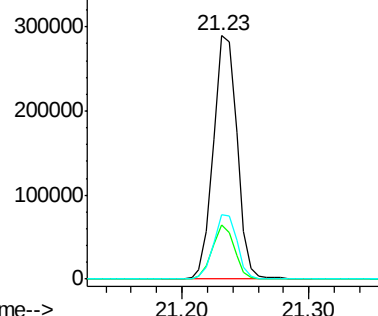


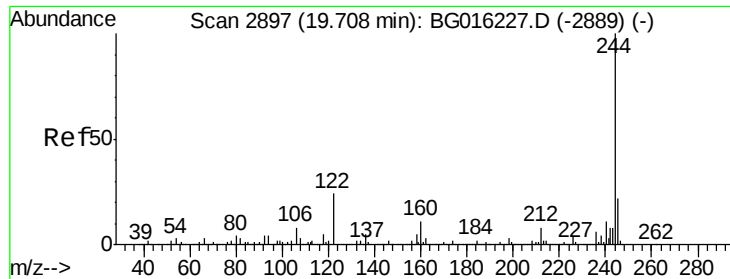
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.23 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BG016403.D
Acq: 14 Apr 2015 19:03

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

Instrument :

BNA_G

ClientSampleId :

MW-11

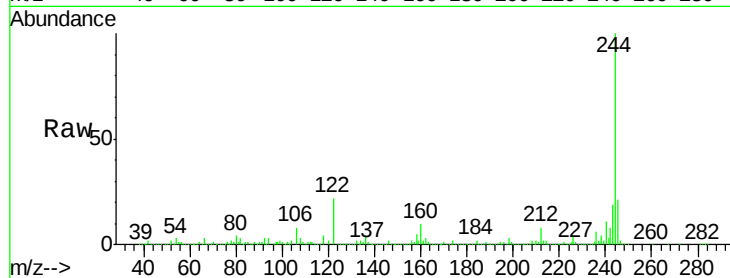
Tgt Ion:244 Resp: 1005287

Ion Ratio Lower Upper

244 100

212 8.1 6.6 9.8

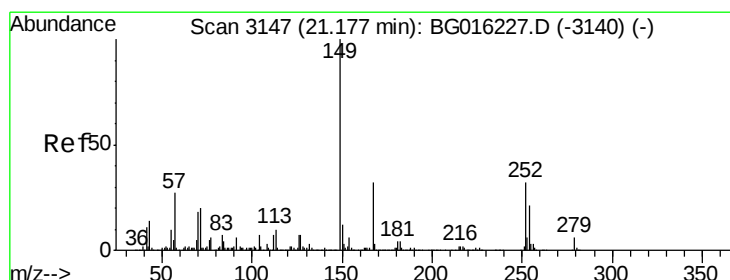
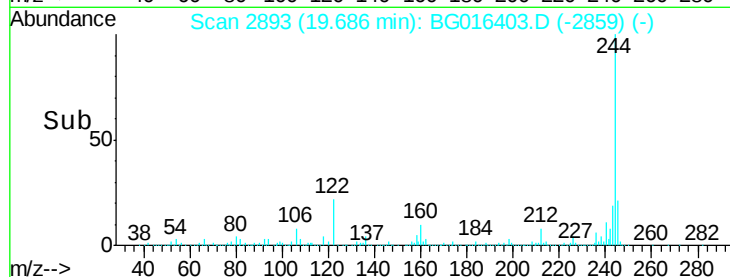
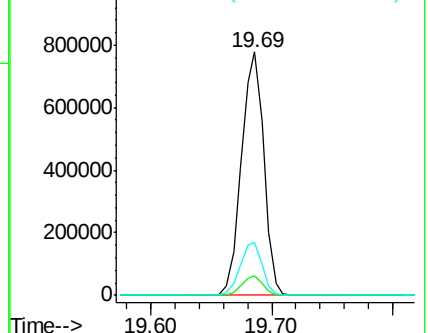
122 21.7 19.1 28.7



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

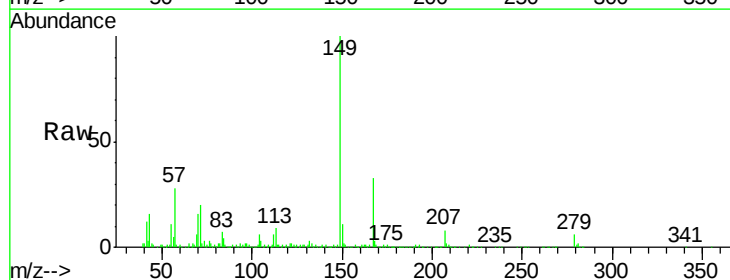
Tgt Ion:149 Resp: 111671

Ion Ratio Lower Upper

149 100

167 32.7 25.8 38.6

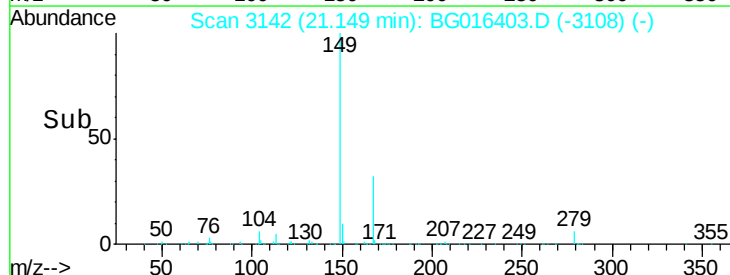
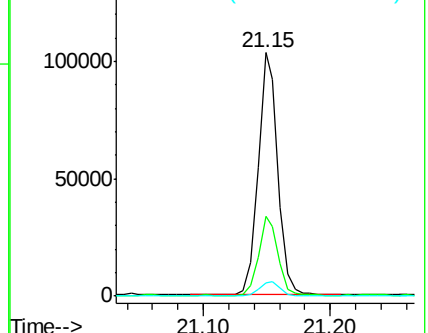
279 5.6 4.7 7.1

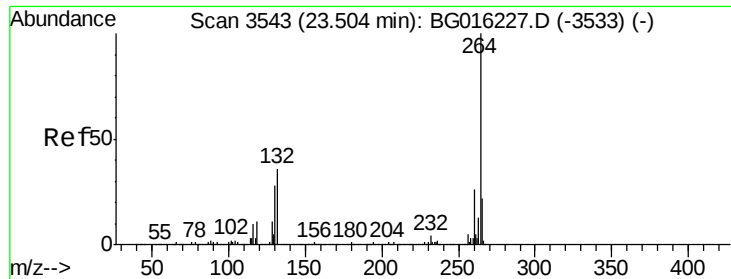


Abundance Ion 149.00 (148.70 to 149.70): E

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

Instrument :
BNA_G
ClientSampleId :
MW-11

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

