

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032515\
 Data File : BG016126.D
 Acq On : 26 Mar 2015 6:04
 Operator : TP/IZ
 Sample : G1611-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-24

Quant Time: Mar 26 06:55:28 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 26 02:10:27 2015
 Response via : Initial Calibration

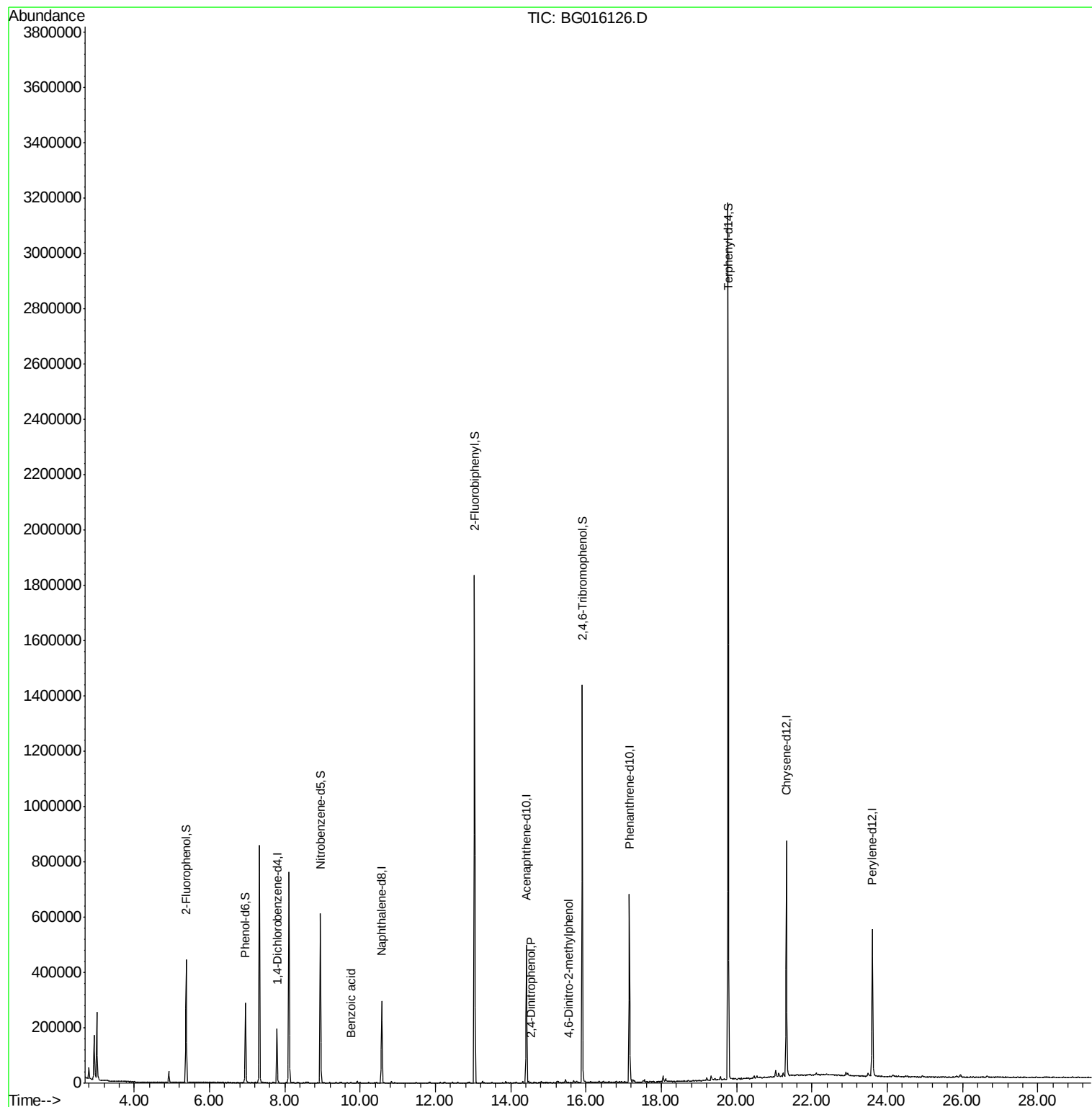
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	58551	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	260146	20.00	ng	0.00
38) Acenaphthene-d10	14.42	164	165572	20.00	ng	0.00
63) Phenanthrene-d10	17.15	188	365738	20.00	ng	0.00
75) Chrysene-d12	21.32	240	381924	20.00	ng	0.00
86) Perylene-d12	23.61	264	369376	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	216638	62.47	ng	0.00
7) Phenol-d6	6.95	99	188805	37.87	ng	0.00
23) Nitrobenzene-d5	8.95	82	360129	87.17	ng	0.00
41) 2,4,6-Tribromophenol	15.90	330	273966	142.14	ng	0.00
44) 2-Fluorobiphenyl	13.04	172	914787	96.87	ng	0.00
78) Terphenyl-d14	19.77	244	1276628	90.65	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	9.75	122	886	4.09	ng	# 1
53) 2,4-Dinitrophenol	14.53	184	354	4.00	ng	# 34
64) 4,6-Dinitro-2-methylphenol	15.54	198	299	2.48	ng	# 40

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

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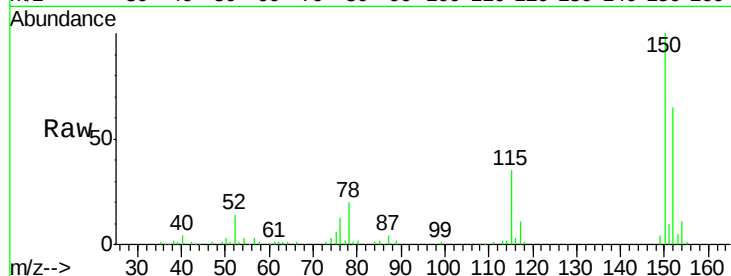


#1

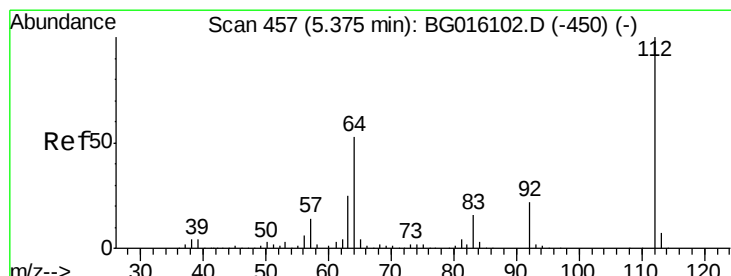
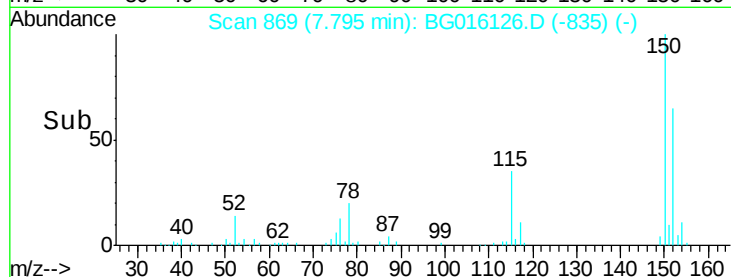
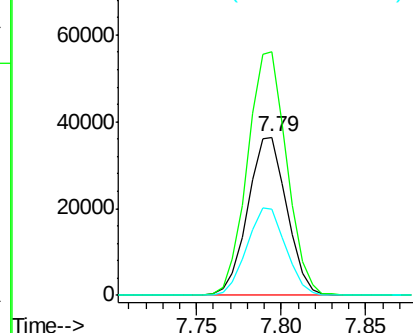
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.79 min Scan# 869
Delta R.T. -0.00 min
Lab File: BG016126.D
Acq: 26 Mar 2015 6:04

Instrument :
BNA_G
ClientSampled :
MW-24

Tgt Ion:152 Resp: 58551
Ion Ratio Lower Upper
152 100
150 153.9 126.1 189.1
115 54.1 43.7 65.5



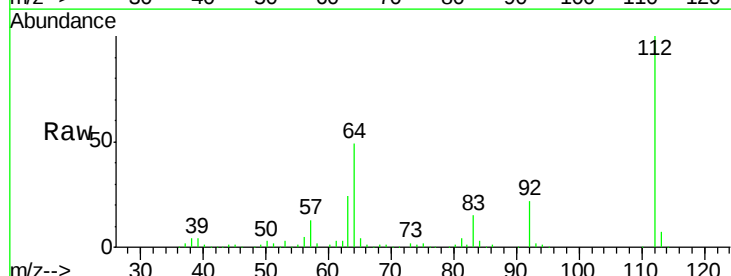
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



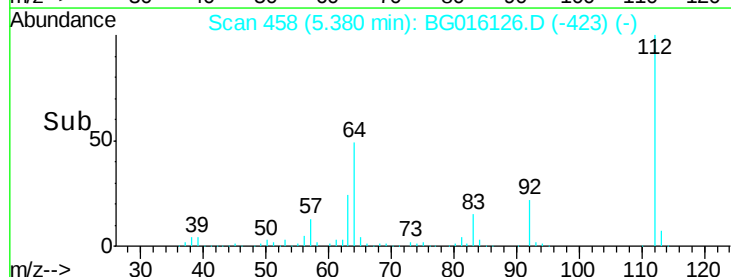
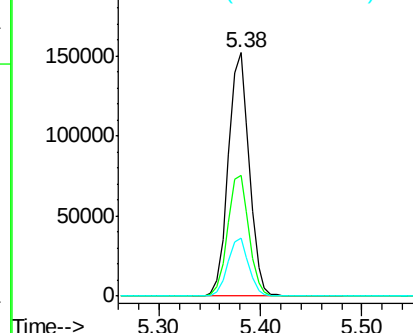
#5

2-Fluorophenol
Concen: 62.47 ng
RT: 5.38 min Scan# 458
Delta R.T. 0.01 min
Lab File: BG016126.D
Acq: 26 Mar 2015 6:04

Tgt Ion:112 Resp: 216638
Ion Ratio Lower Upper
112 100
64 49.3 42.6 64.0
63 23.7 19.9 29.9



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: 37.87 ng

RT: 6.95 min Scan# 726

Delta R.T. -0.01 min

Lab File: BG016126.D

Acq: 26 Mar 2015 6:04

Instrument :

BNA_G

ClientSampleId :

MW-24

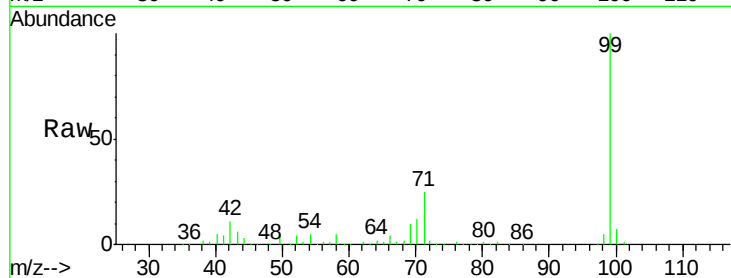
Tgt Ion: 99 Resp: 188805

Ion Ratio Lower Upper

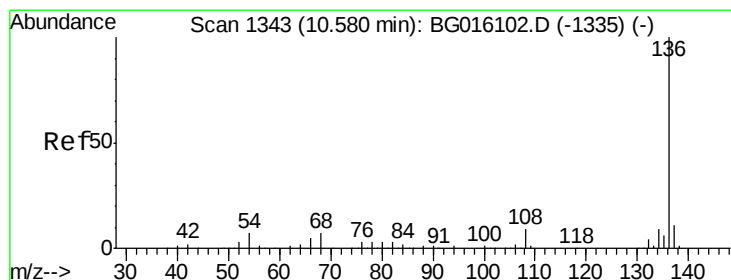
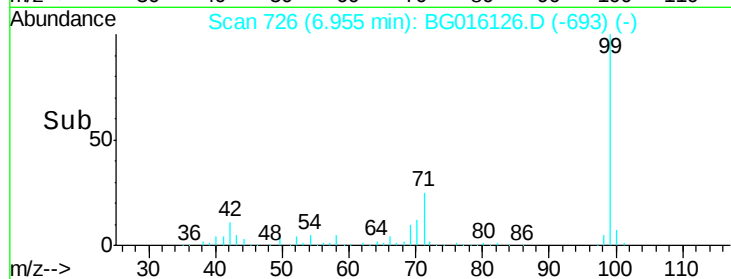
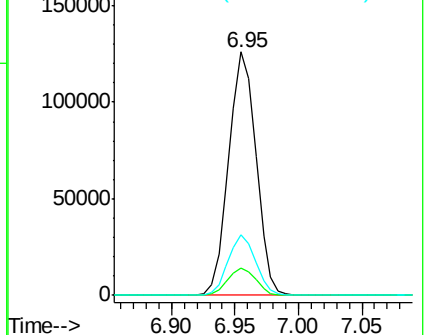
99 100

42 11.0 9.4 14.0

71 25.0 19.9 29.9



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: 10.58 min Scan# 1343

Delta R.T. -0.00 min

Lab File: BG016126.D

Acq: 26 Mar 2015 6:04

Tgt Ion: 136 Resp: 260146

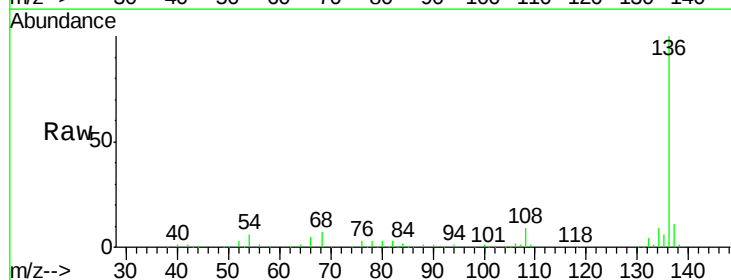
Ion Ratio Lower Upper

136 100

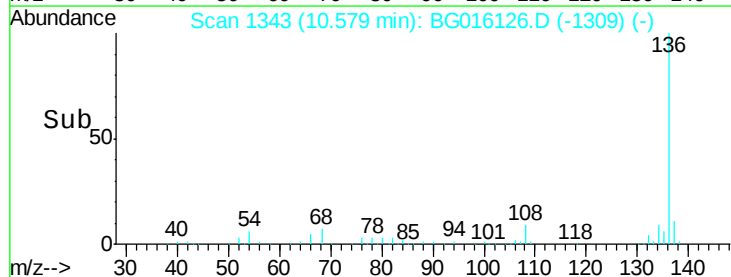
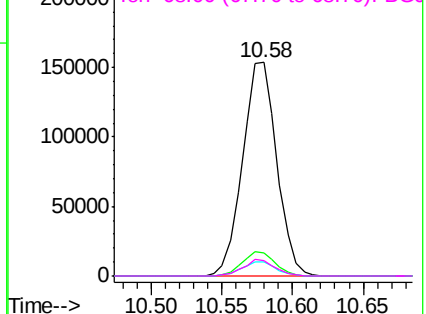
137 10.9 9.0 13.4

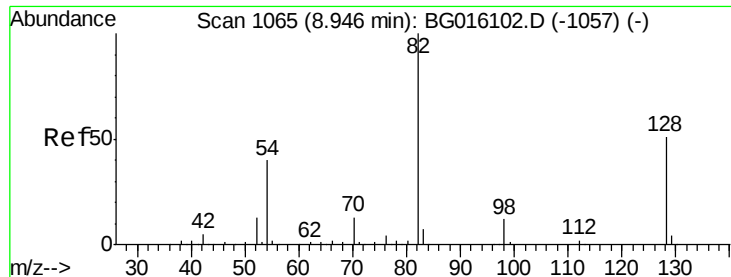
54 6.4 5.5 8.3

68 7.4 6.0 9.0



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: 87.17 ng

RT: 8.95 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BG016126.D

Acq: 26 Mar 2015 6:04

Instrument :

BNA_G

ClientSampleId :

MW-24

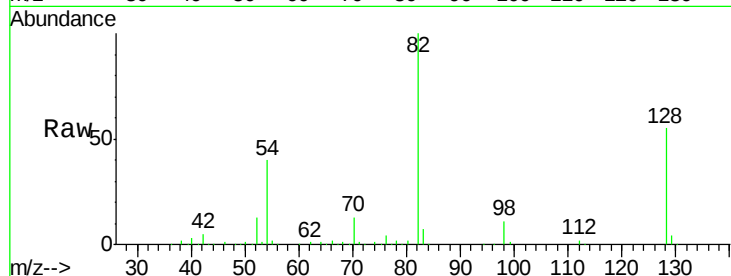
Tgt Ion: 82 Resp: 360129

Ion Ratio Lower Upper

82 100

128 55.3 40.4 60.6

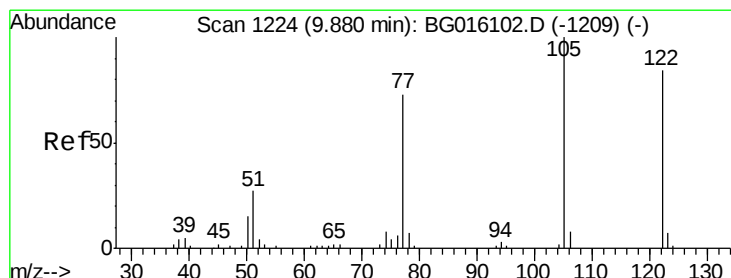
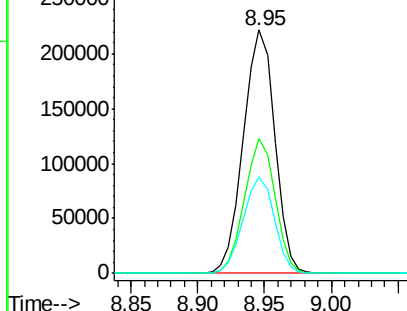
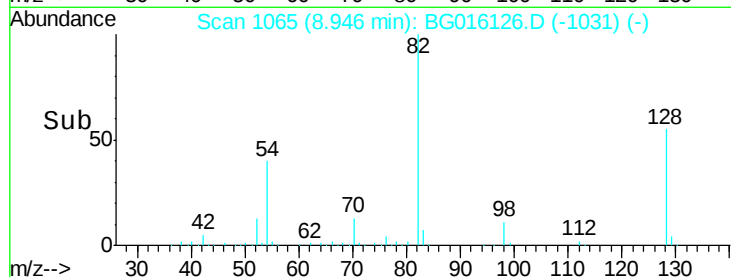
54 39.8 32.1 48.1



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: 4.09 ng

RT: 9.75 min Scan# 1201

Delta R.T. -0.13 min

Lab File: BG016126.D

Acq: 26 Mar 2015 6:04

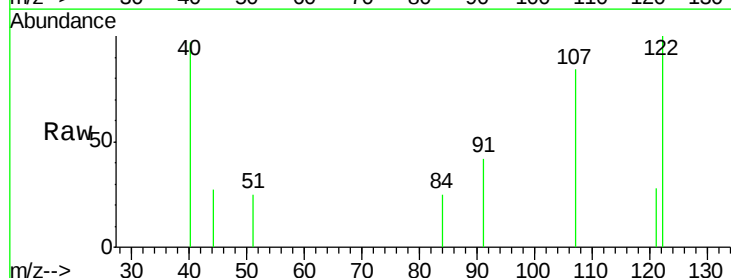
Tgt Ion: 122 Resp: 886

Ion Ratio Lower Upper

122 100

105 0.0 97.2 137.2#

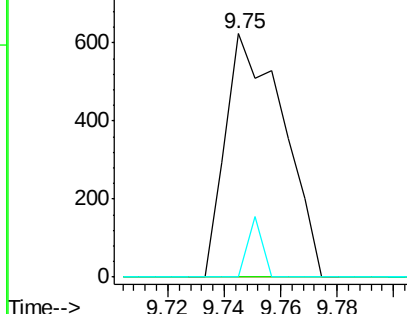
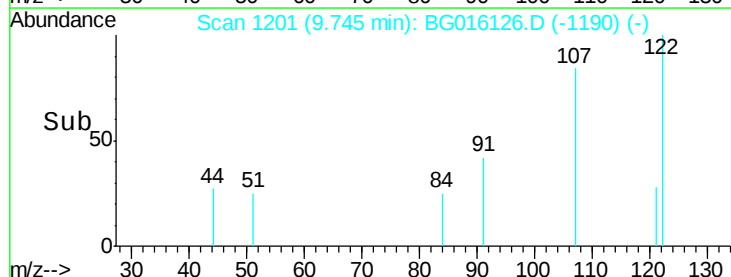
77 0.0 65.0 105.0#

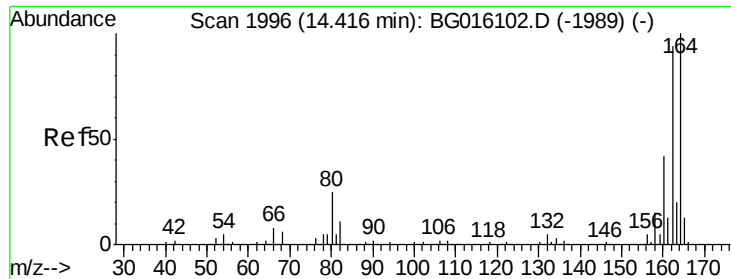


Abundance Ion 122.00 (121.70 to 122.70): BGC

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: 14.42 min Scan# 1996

Delta R.T. -0.00 min

Lab File: BG016126.D

Acq: 26 Mar 2015 6:04

Instrument :

BNA_G

ClientSampleId :

MW-24

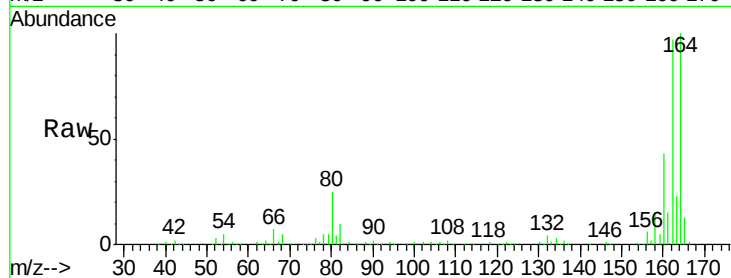
Tgt Ion:164 Resp: 165572

Ion Ratio Lower Upper

164 100

162 97.1 75.2 112.8

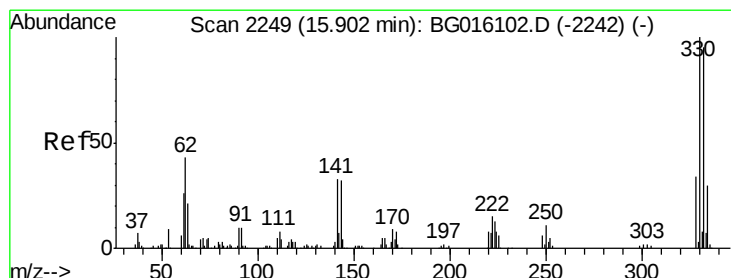
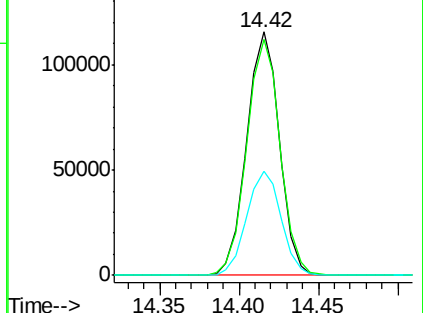
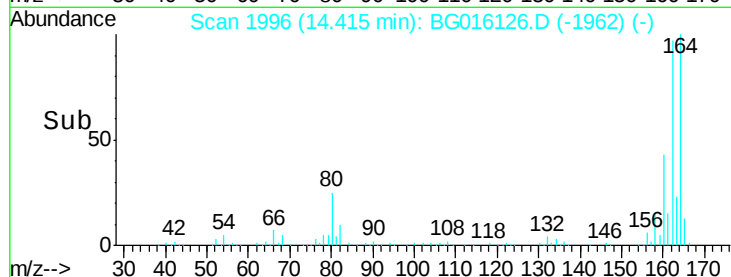
160 42.9 33.9 50.9



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: 142.14 ng

RT: 15.90 min Scan# 2249

Delta R.T. 0.00 min

Lab File: BG016126.D

Acq: 26 Mar 2015 6:04

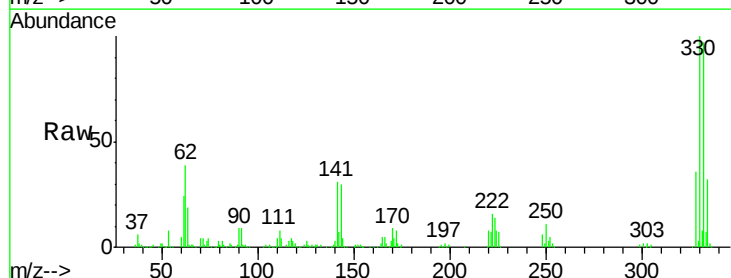
Tgt Ion:330 Resp: 273966

Ion Ratio Lower Upper

330 100

332 95.6 76.6 114.8

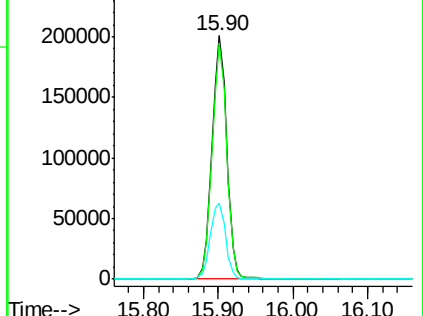
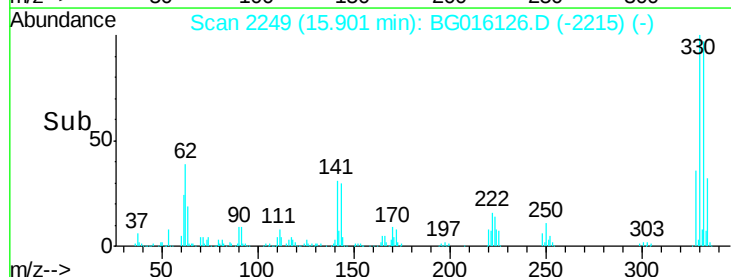
141 32.7 26.2 39.4

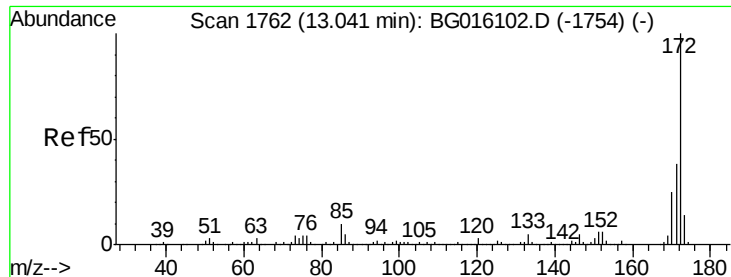


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

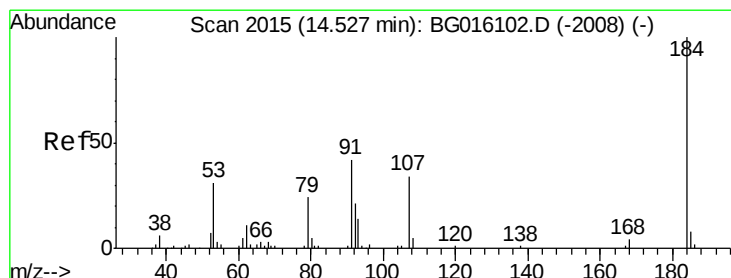
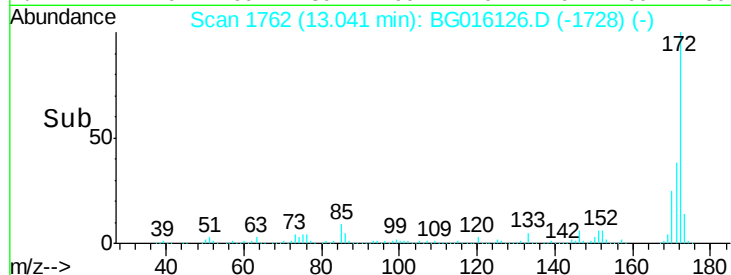
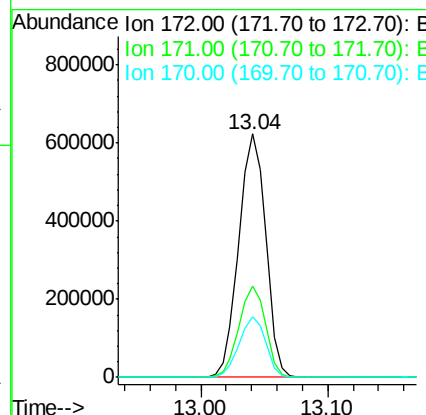
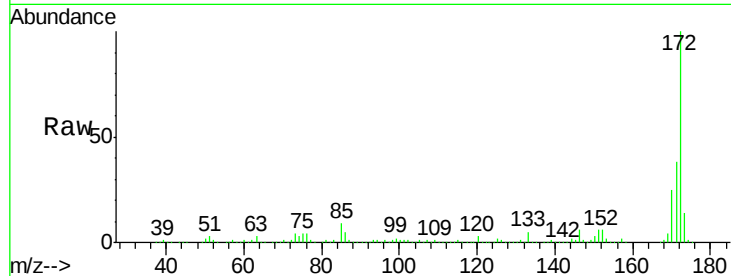




#44
 2-Fluorobiphenyl
 Concen: 96.87 ng
 RT: 13.04 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: BG016126.D
 Acq: 26 Mar 2015 6:04

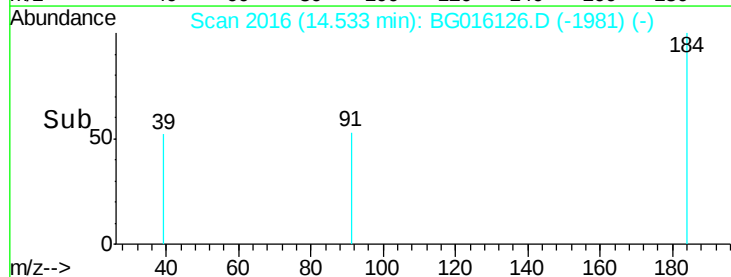
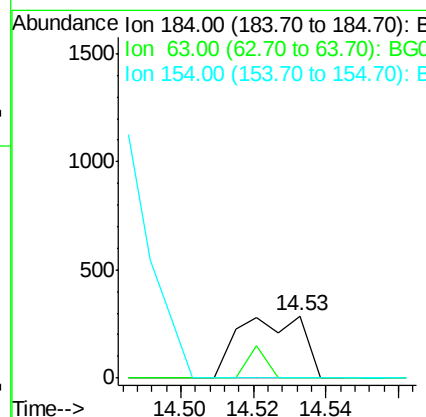
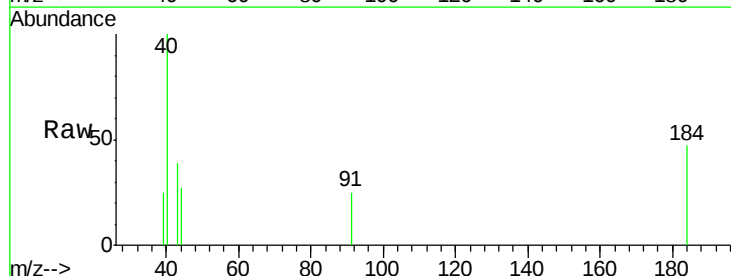
Instrument :
 BNA_G
 ClientSampleId :
 MW-24

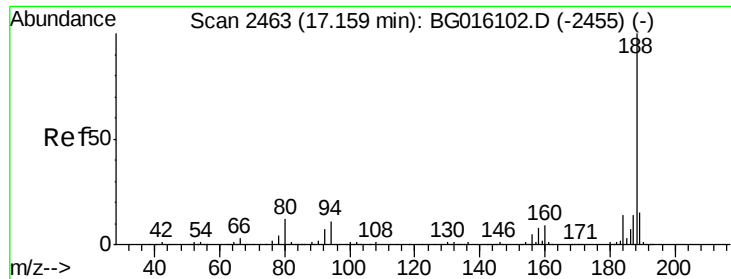
Tgt Ion:172 Resp: 914787
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.3 45.5
 170 24.9 19.8 29.8



#53
 2,4-Dinitrophenol
 Concen: 4.00 ng
 RT: 14.53 min Scan# 2016
 Delta R.T. 0.01 min
 Lab File: BG016126.D
 Acq: 26 Mar 2015 6:04

Tgt Ion:184 Resp: 354
 Ion Ratio Lower Upper
 184 100
 63 0.0 36.5 54.7#
 154 0.0 30.2 45.4#

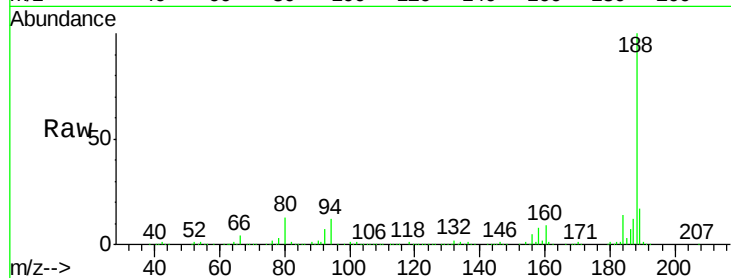




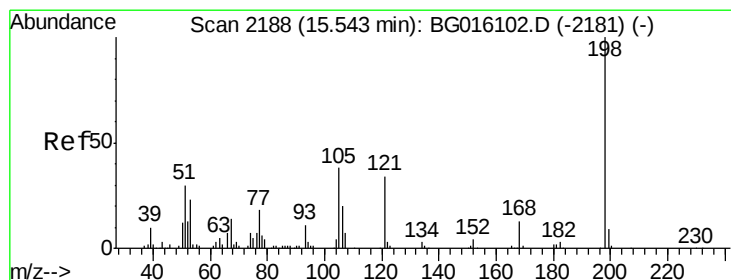
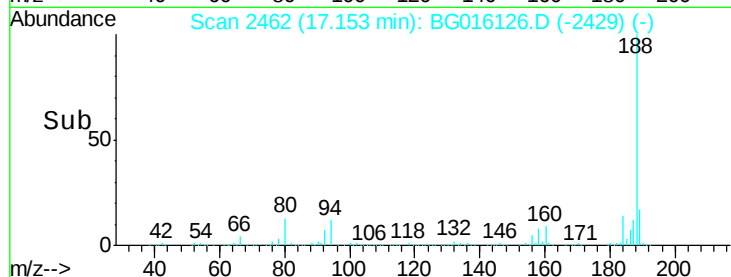
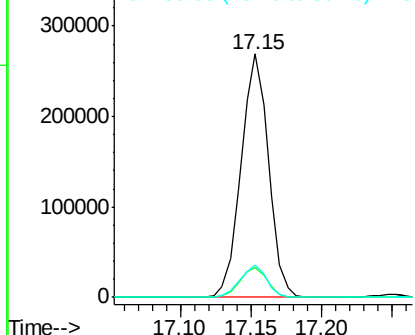
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.15 min Scan# 2462
Delta R.T. -0.01 min
Lab File: BG016126.D
Acq: 26 Mar 2015 6:04

Instrument :
BNA_G
ClientSampleId :
MW-24

Tgt Ion:188 Resp: 365738
Ion Ratio Lower Upper
188 100
94 12.4 9.1 13.7
80 13.1 9.8 14.8

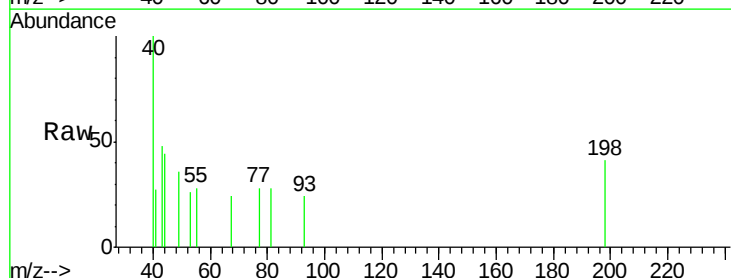


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

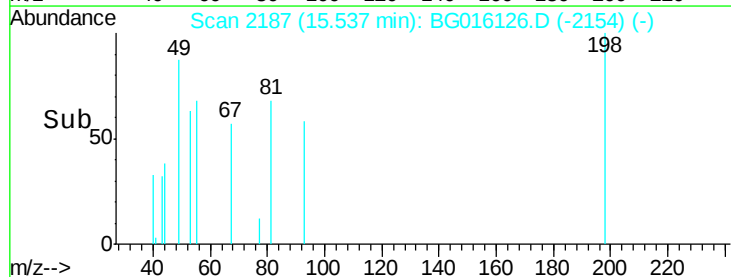
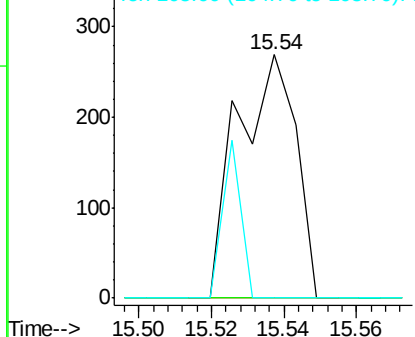


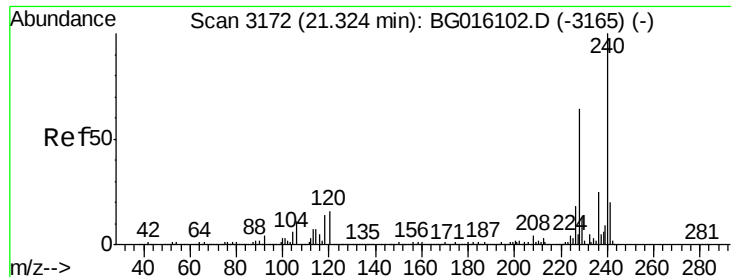
#64
4,6-Dinitro-2-methylphenol
Concen: 2.48 ng
RT: 15.54 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BG016126.D
Acq: 26 Mar 2015 6:04

Tgt Ion:198 Resp: 299
Ion Ratio Lower Upper
198 100
51 0.0 10.7 50.7#
105 0.0 18.3 58.3#



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.32 min Scan# 3172

Delta R.T. -0.00 min

Lab File: BG016126.D

Acq: 26 Mar 2015 6:04

Instrument :

BNA_G

ClientSampleId :

MW-24

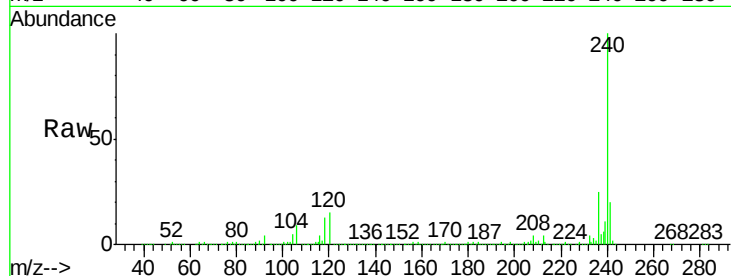
Tgt Ion:240 Resp: 381924

Ion Ratio Lower Upper

240 100

120 15.0 13.0 19.4

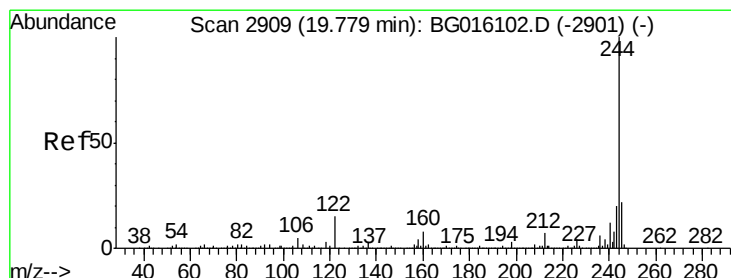
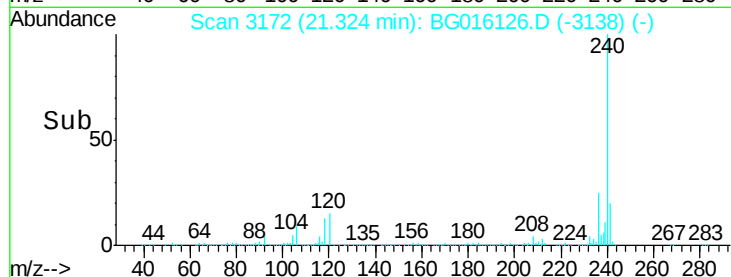
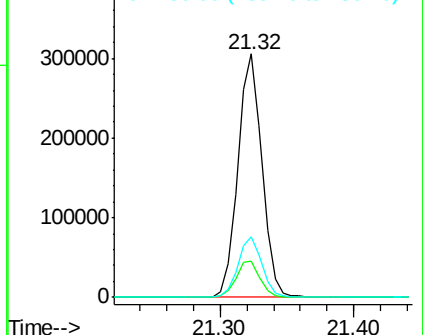
236 24.7 20.2 30.2



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: 90.65 ng

RT: 19.77 min Scan# 2908

Delta R.T. -0.01 min

Lab File: BG016126.D

Acq: 26 Mar 2015 6:04

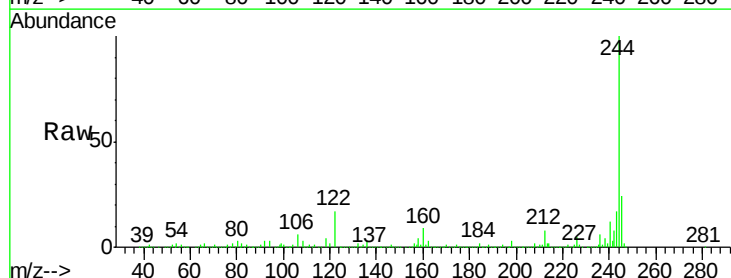
Tgt Ion:244 Resp: 1276628

Ion Ratio Lower Upper

244 100

212 8.1 5.9 8.9

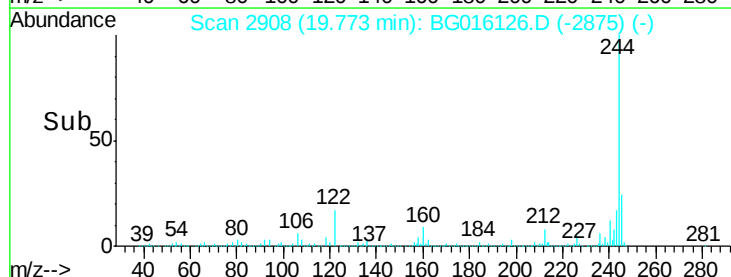
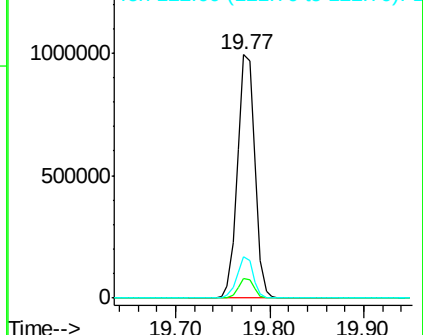
122 17.2 12.2 18.2

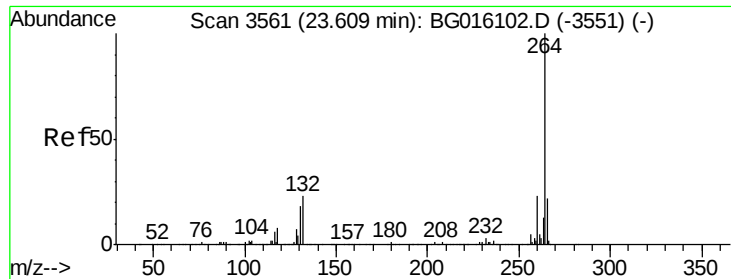


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.61 min Scan# 3561
Delta R.T. -0.00 min
Lab File: BG016126.D
Acq: 26 Mar 2015 6:04

Instrument :
BNA_G
ClientSampleId :
MW-24

Tgt Ion: 264 Resp: 369376
Ion Ratio Lower Upper
264 100
260 22.9 18.4 27.6
265 22.2 17.3 25.9

