

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG040715\
 Data File : BG016266.D
 Acq On : 7 Apr 2015 20:42
 Operator : TP/IZ
 Sample : G1777-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-04

Quant Time: Apr 08 02:41:24 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

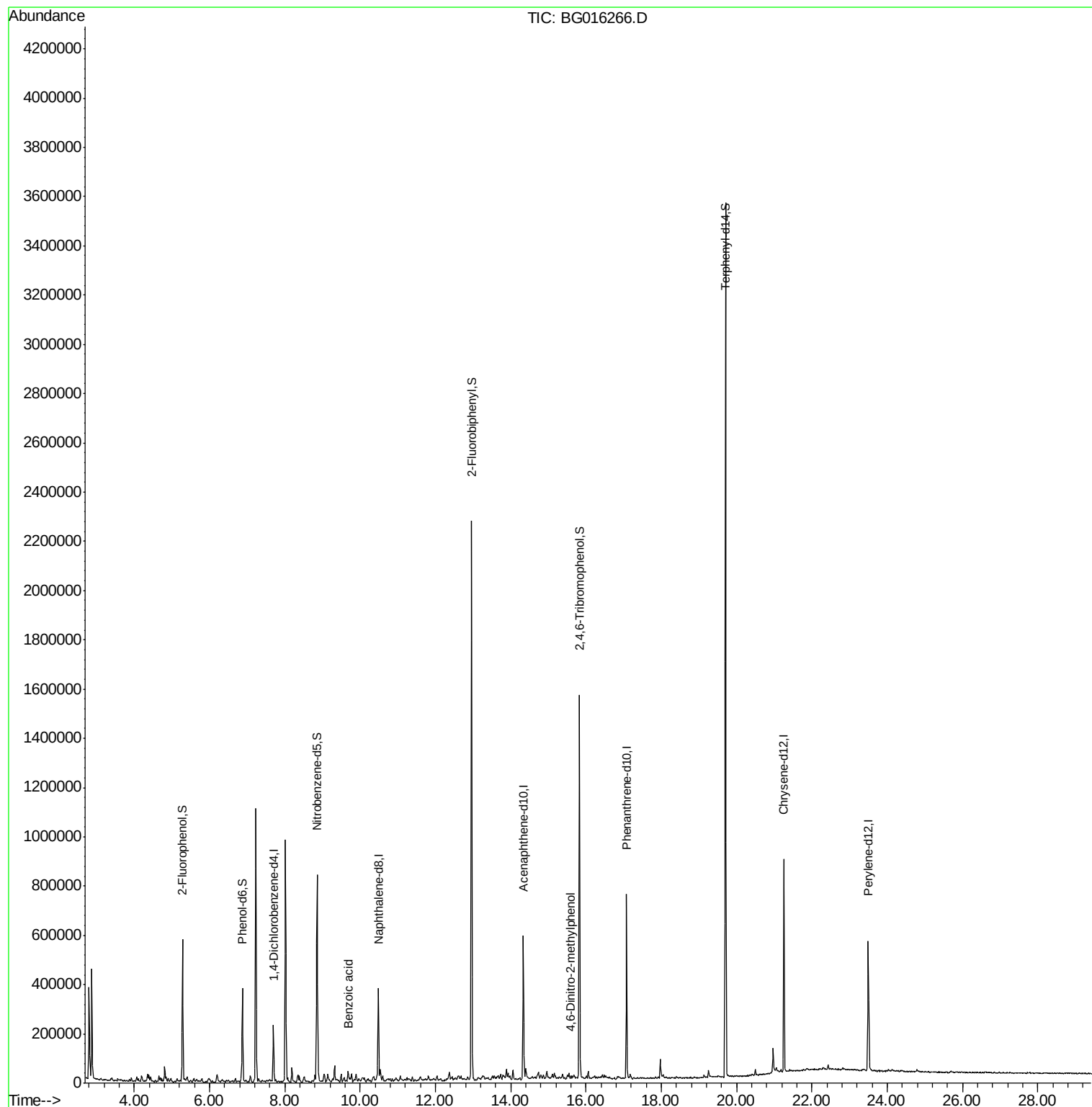
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	61087	20.00	ng	0.00
21) Naphthalene-d8	10.48	136	294740	20.00	ng	0.00
38) Acenaphthene-d10	14.34	164	183073	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	384337	20.00	ng	0.00
75) Chrysene-d12	21.25	240	337600	20.00	ng	0.00
86) Perylene-d12	23.50	264	308233	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	262387	67.79	ng	0.00
7) Phenol-d6	6.87	99	238280	41.01	ng	0.00
23) Nitrobenzene-d5	8.86	82	485655	95.45	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	205242	165.77	ng	0.00
44) 2-Fluorobiphenyl	12.96	172	1048415	97.50	ng	0.00
78) Terphenyl-d14	19.71	244	1295735	89.83	ng	0.00
Target Compounds						
32) Benzoic acid	9.70	122	290	8.81	ng	# 1
64) 4,6-Dinitro-2-methylphenol	15.60	198	111	3.92	ng	# 1

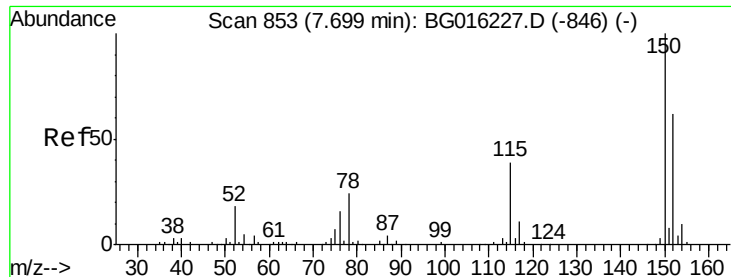
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.70 min Scan# 853

Delta R.T. 0.00 min

Lab File: BG016266.D

Acq: 7 Apr 2015 20:42

Instrument :

BNA_G

ClientSampled :

MW-04

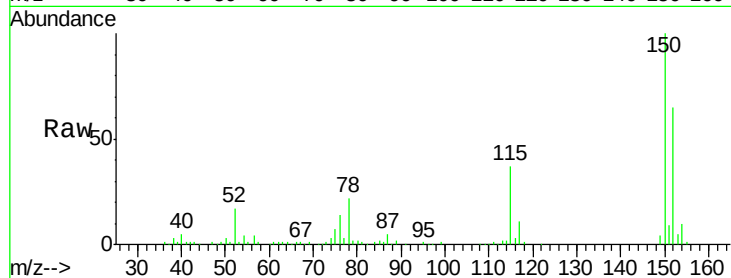
Tgt Ion:152 Resp: 61087

Ion Ratio Lower Upper

152 100

150 153.9 130.1 195.1

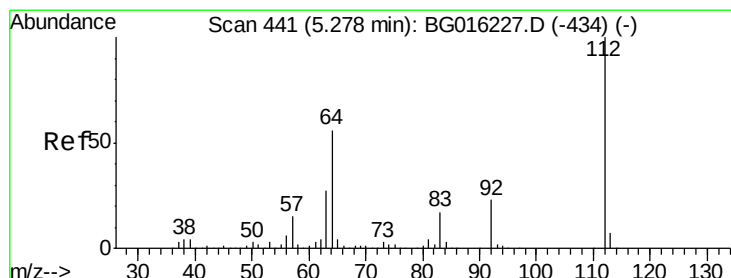
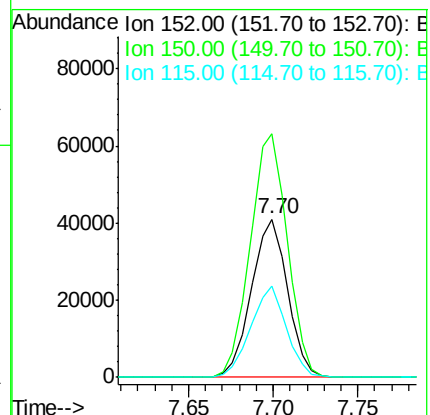
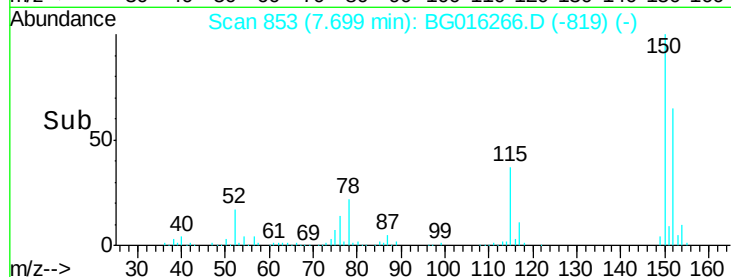
115 57.5 50.5 75.7



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: 67.79 ng

RT: 5.28 min Scan# 441

Delta R.T. 0.00 min

Lab File: BG016266.D

Acq: 7 Apr 2015 20:42

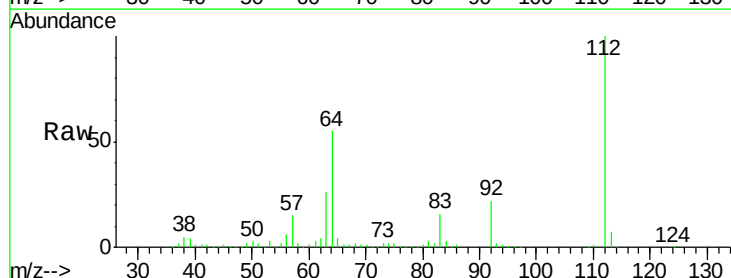
Tgt Ion:112 Resp: 262387

Ion Ratio Lower Upper

112 100

64 54.8 44.5 66.7

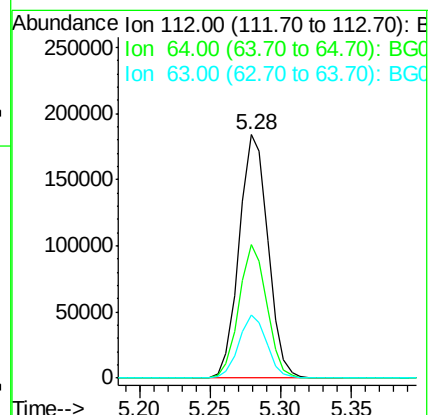
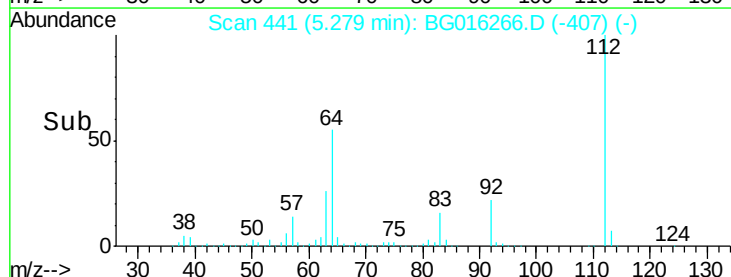
63 25.7 21.4 32.0

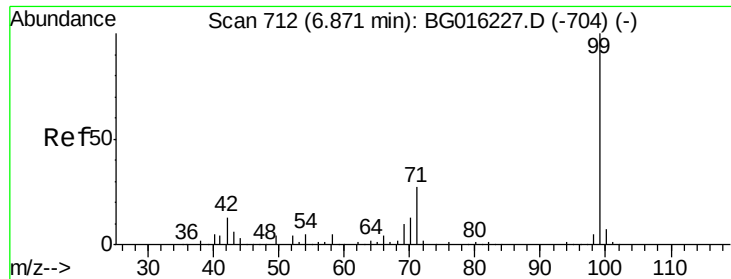


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 41.01 ng

RT: 6.87 min Scan# 712

Delta R.T. 0.00 min

Lab File: BG016266.D

Acq: 7 Apr 2015 20:42

Instrument :

BNA_G

ClientSampleId :

MW-04

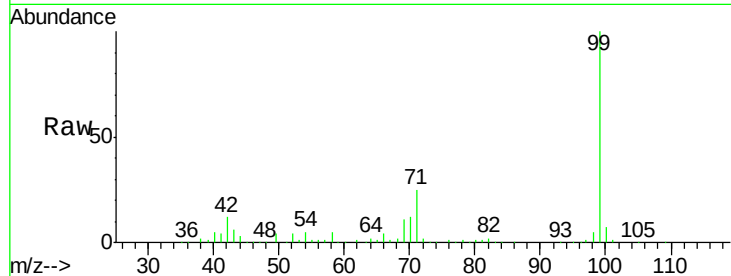
Tgt Ion: 99 Resp: 238280

Ion Ratio Lower Upper

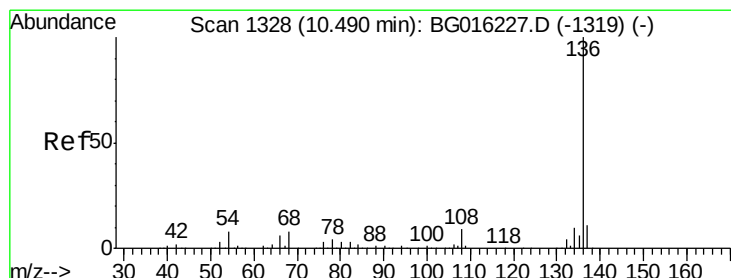
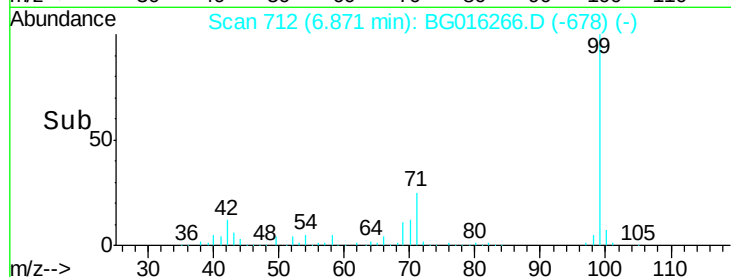
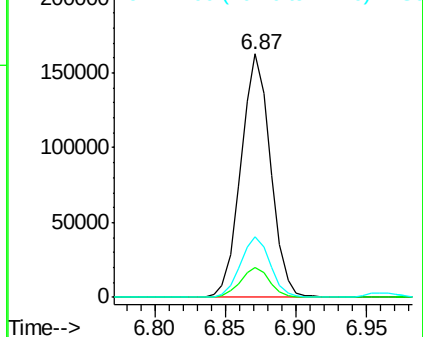
99 100

42 12.0 10.0 15.0

71 24.9 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: 10.48 min Scan# 1327

Delta R.T. 0.00 min

Lab File: BG016266.D

Acq: 7 Apr 2015 20:42

Tgt Ion: 136 Resp: 294740

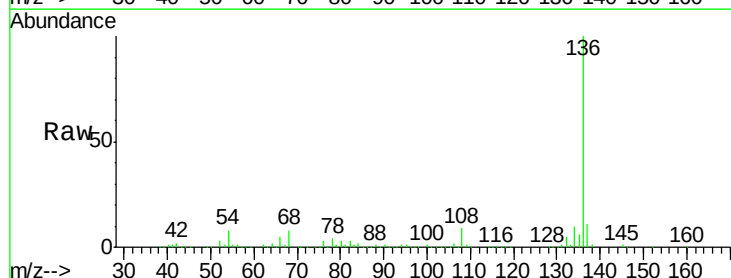
Ion Ratio Lower Upper

136 100

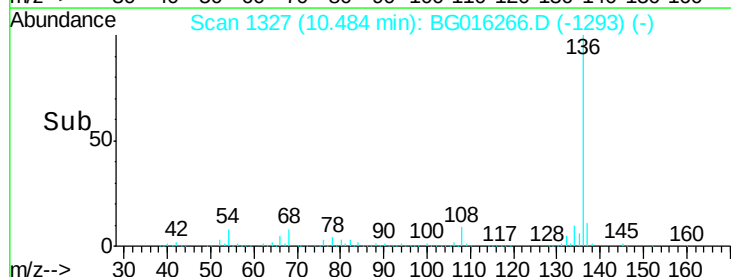
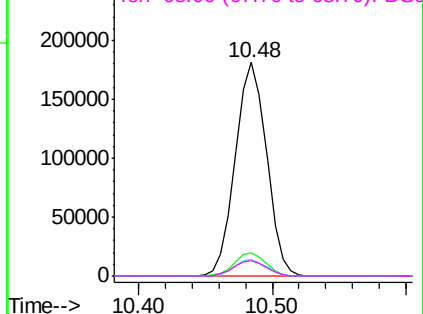
137 10.8 8.7 13.1

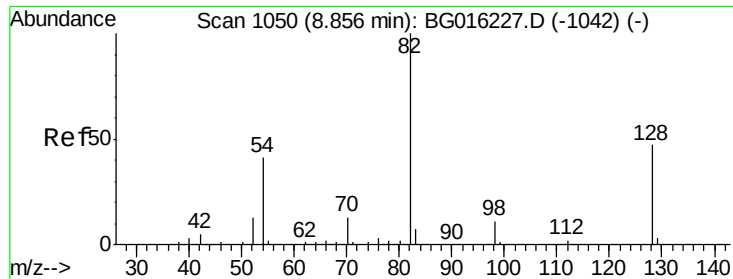
54 7.9 6.3 9.5

68 7.5 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

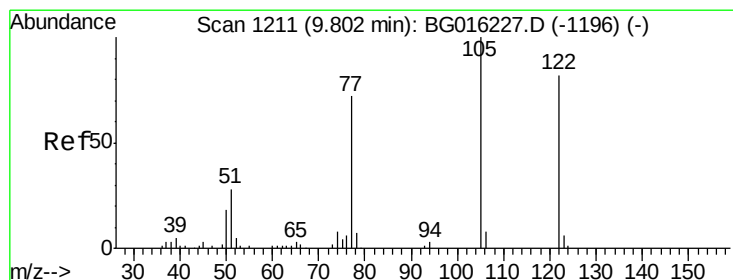
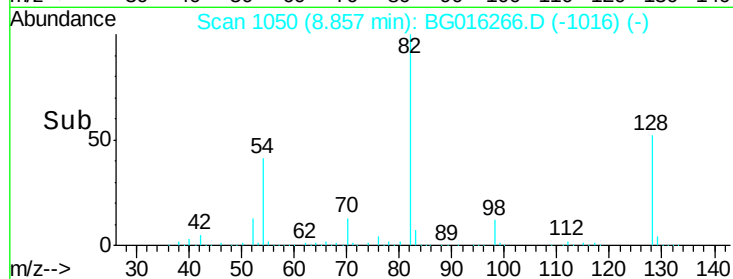
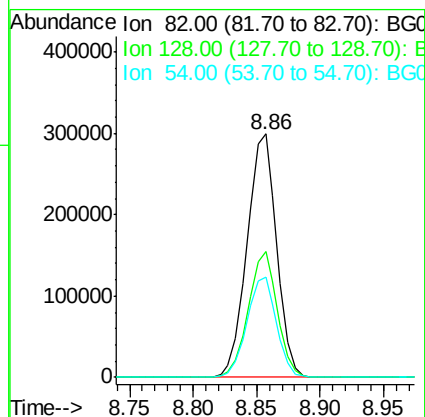
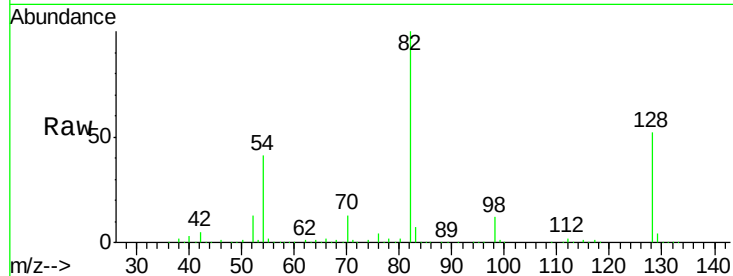




#23
 Nitrobenzene-d5
 Concen: 95.45 ng
 RT: 8.86 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BG016266.D
 Acq: 7 Apr 2015 20:42

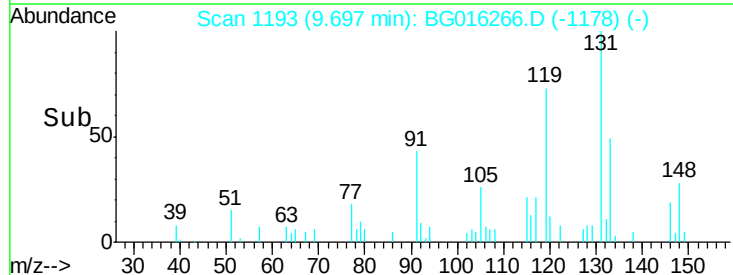
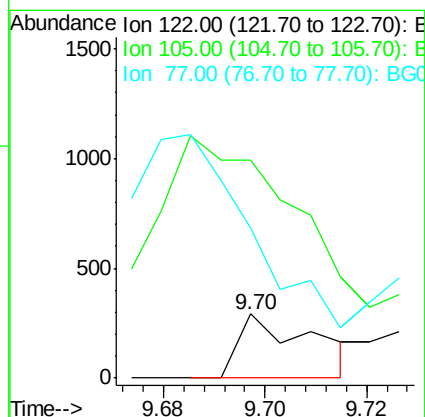
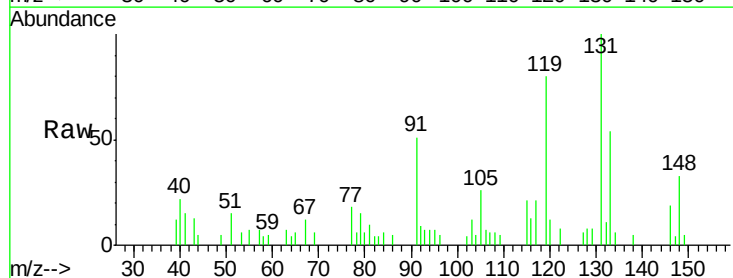
Instrument :
 BNA_G
 ClientSampled :
 MW-04

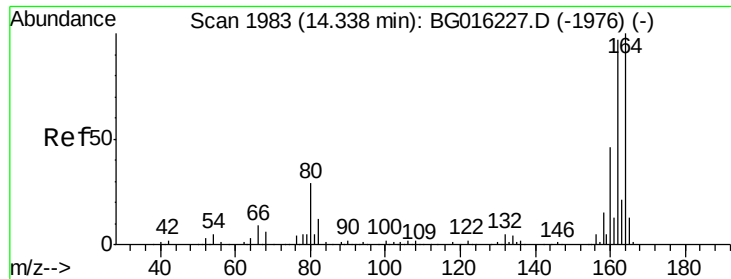
Tgt Ion: 82 Resp: 485655
 Ion Ratio Lower Upper
 82 100
 128 51.8 37.8 56.8
 54 41.3 32.6 49.0



#32
 Benzoic acid
 Concen: 8.81 ng
 RT: 9.70 min Scan# 1193
 Delta R.T. -0.11 min
 Lab File: BG016266.D
 Acq: 7 Apr 2015 20:42

Tgt Ion: 122 Resp: 290
 Ion Ratio Lower Upper
 122 100
 105 339.2 99.7 139.7#
 77 233.4 66.8 106.8#

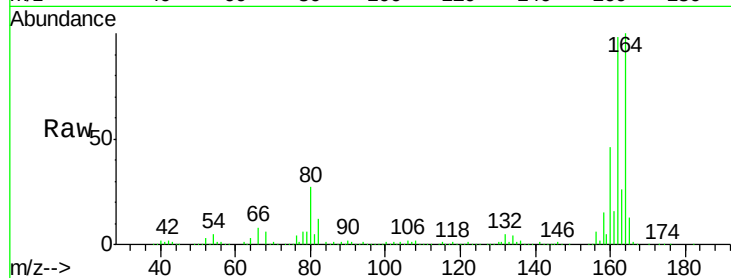




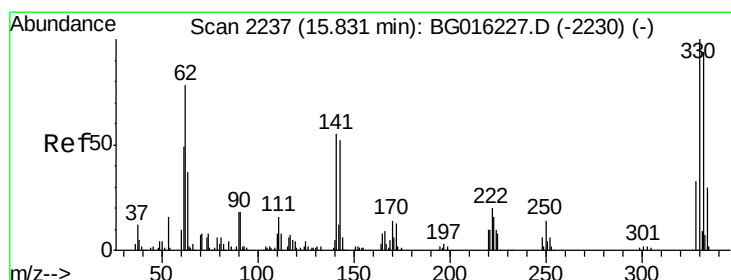
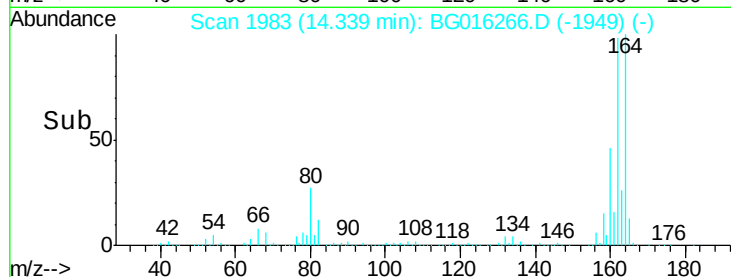
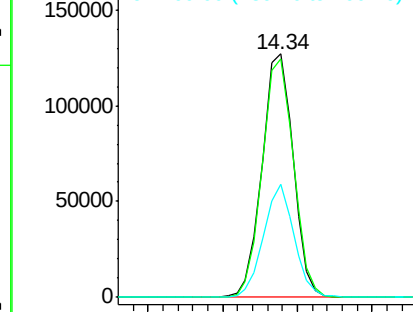
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.34 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BG016266.D
Acq: 7 Apr 2015 20:42

Instrument :
BNA_G
ClientSampleId :
MW-04

Tgt Ion:164 Resp: 183073
Ion Ratio Lower Upper
164 100
162 97.9 77.3 115.9
160 46.2 36.7 55.1

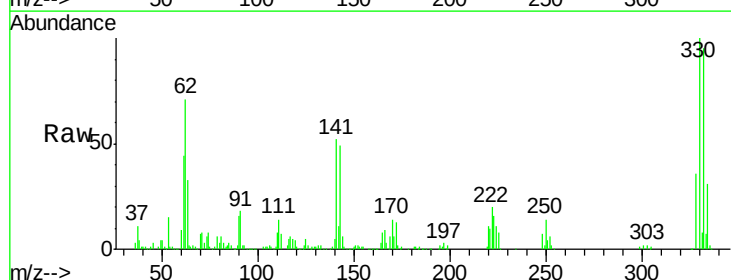


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

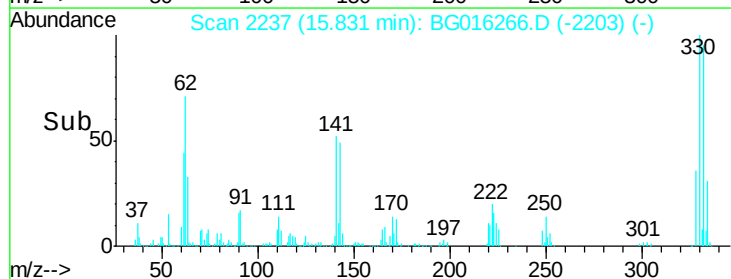
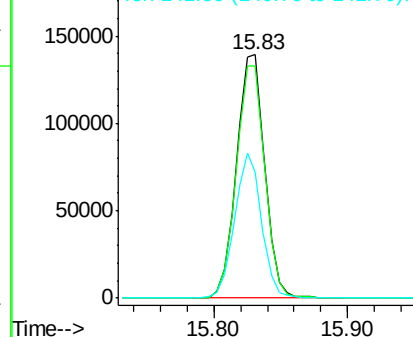


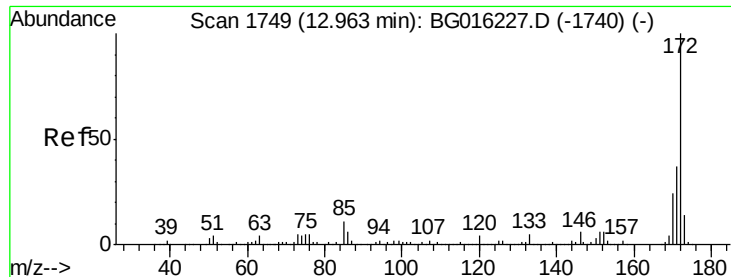
#41
2,4,6-Tribromophenol
Concen: 165.77 ng
RT: 15.83 min Scan# 2237
Delta R.T. 0.00 min
Lab File: BG016266.D
Acq: 7 Apr 2015 20:42

Tgt Ion:330 Resp: 205242
Ion Ratio Lower Upper
330 100
332 96.8 75.8 113.6
141 56.3 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

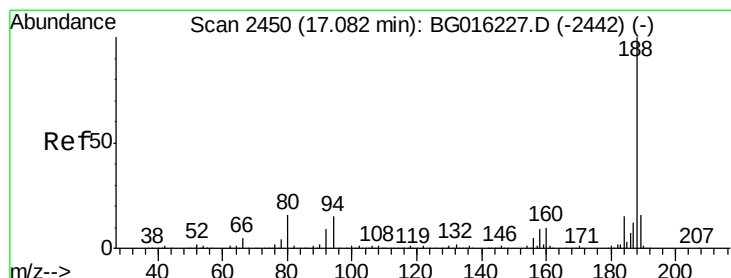
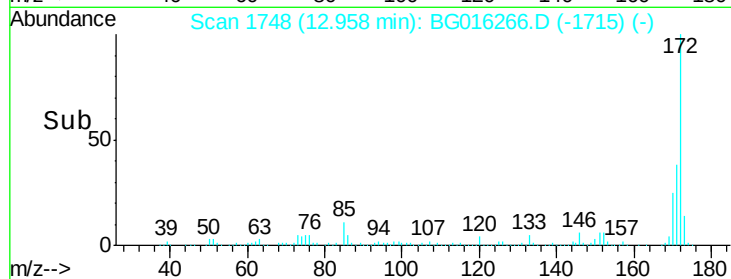
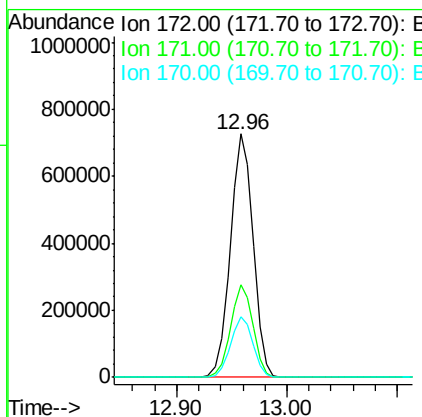
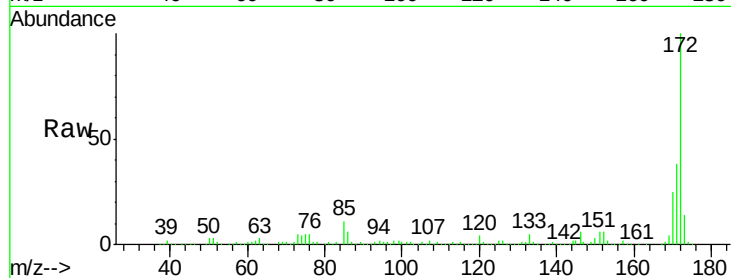




#44
 2-Fluorobiphenyl
 Concen: 97.50 ng
 RT: 12.96 min Scan# 1748
 Delta R.T. -0.01 min
 Lab File: BG016266.D
 Acq: 7 Apr 2015 20:42

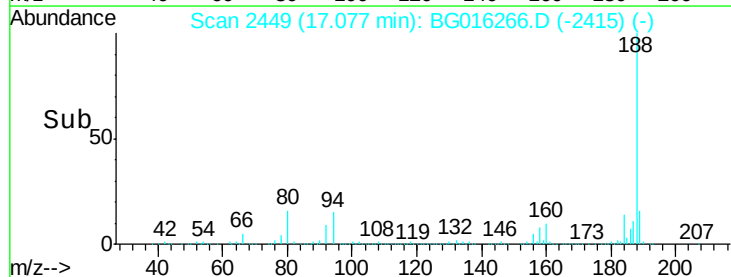
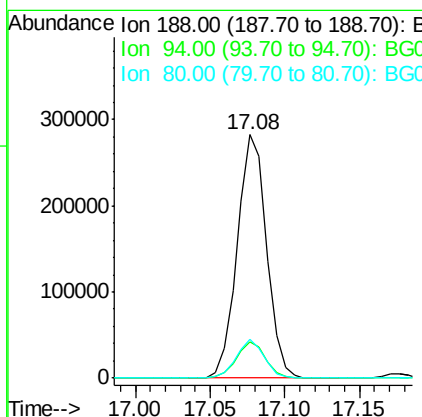
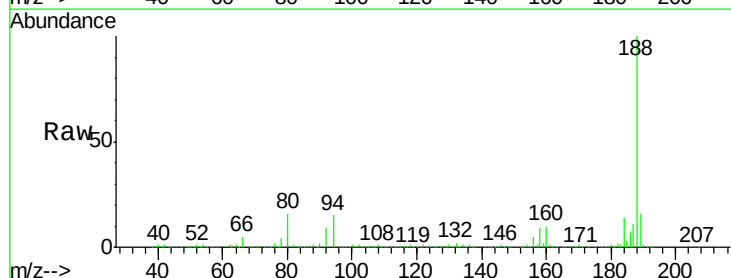
Instrument :
 BNA_G
 ClientSampleId :
 MW-04

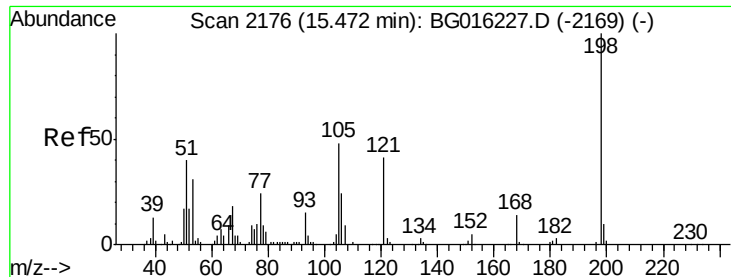
Tgt Ion:172 Resp: 1048415
 Ion Ratio Lower Upper
 172 100
 171 38.0 29.6 44.4
 170 24.7 19.4 29.2



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.08 min Scan# 2449
 Delta R.T. 0.00 min
 Lab File: BG016266.D
 Acq: 7 Apr 2015 20:42

Tgt Ion:188 Resp: 384337
 Ion Ratio Lower Upper
 188 100
 94 15.0 12.2 18.4
 80 15.8 12.8 19.2





#64

4,6-Dinitro-2-methylphenol

Concen: 3.92 ng

RT: 15.60 min Scan# 2198

Delta R.T. 0.13 min

Lab File: BG016266.D

Acq: 7 Apr 2015 20:42

Instrument :

BNA_G

ClientSampleId :

MW-04

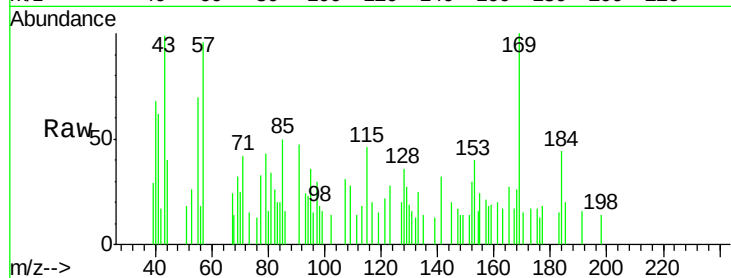
Tgt Ion:198 Resp: 111

Ion Ratio Lower Upper

198 100

51 128.0 20.7 60.7#

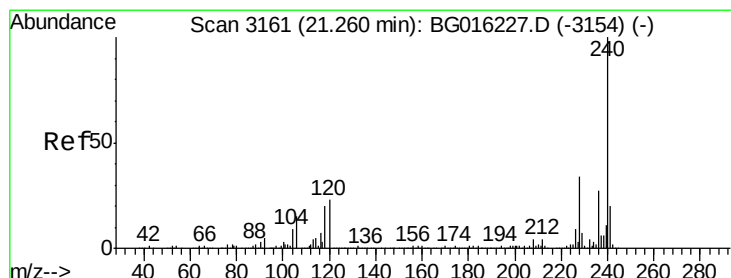
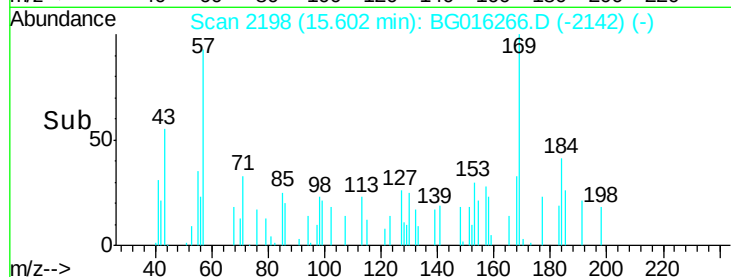
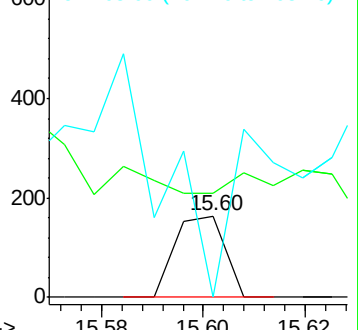
105 0.0 28.8 68.8#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.25 min Scan# 3160

Delta R.T. -0.01 min

Lab File: BG016266.D

Acq: 7 Apr 2015 20:42

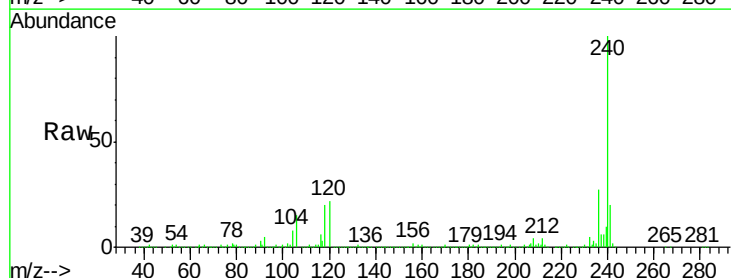
Tgt Ion:240 Resp: 337600

Ion Ratio Lower Upper

240 100

120 22.0 18.6 28.0

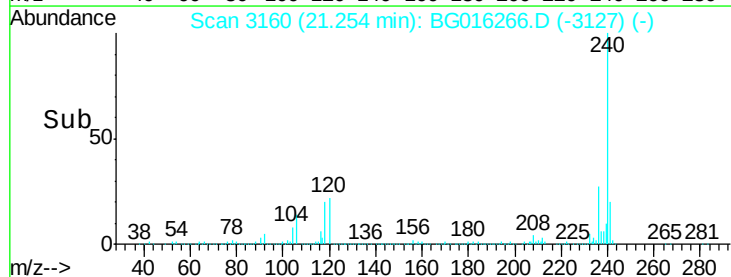
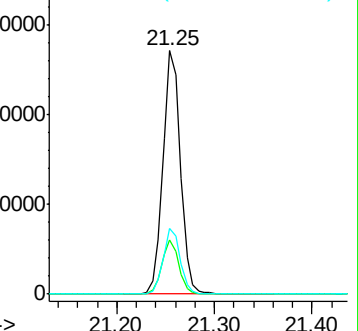
236 27.0 21.7 32.5

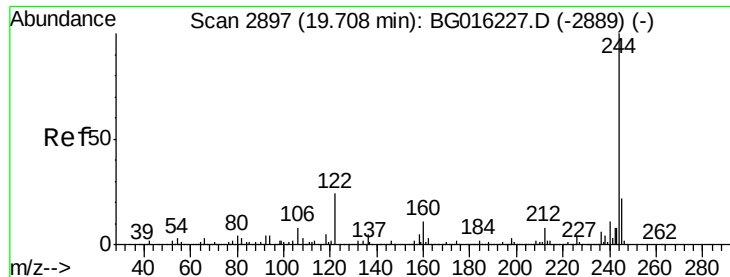


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 89.83 ng

RT: 19.71 min Scan# 2897

Delta R.T. 0.00 min

Lab File: BG016266.D

Acq: 7 Apr 2015 20:42

Instrument :

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MW-04

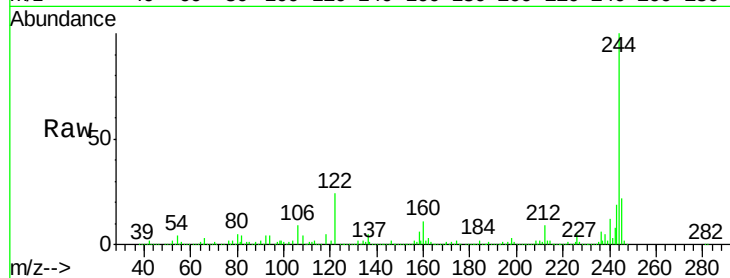
Tgt Ion:244 Resp: 1295735

Ion Ratio Lower Upper

244 100

212 8.7 6.6 9.8

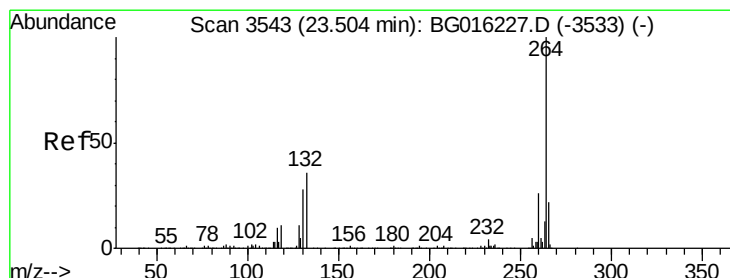
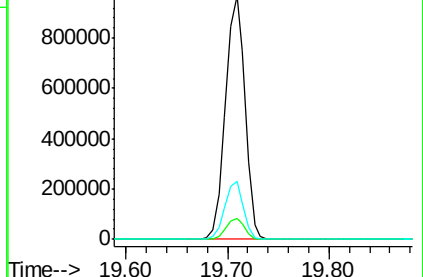
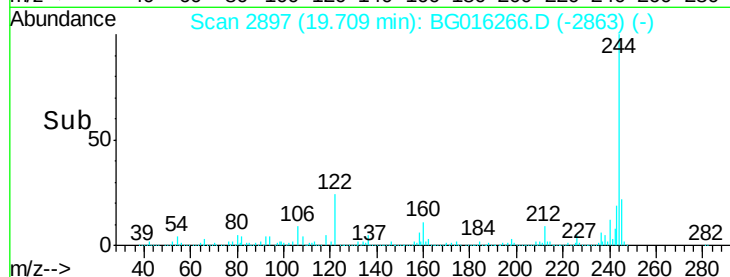
122 24.0 19.1 28.7



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: 23.50 min Scan# 3543

Delta R.T. 0.01 min

Lab File: BG016266.D

Acq: 7 Apr 2015 20:42

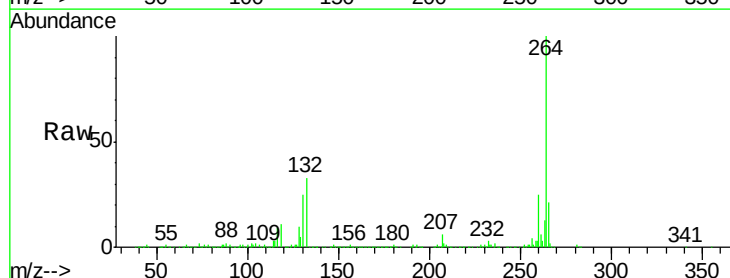
Tgt Ion:264 Resp: 308233

Ion Ratio Lower Upper

264 100

260 24.6 20.4 30.6

265 21.4 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

