

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041015\
 Data File : BG016334.D
 Acq On : 11 Apr 2015 00:08
 Operator : TP/IZ
 Sample : G1806-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-06

Quant Time: Apr 13 03:30:17 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 07 04:17:17 2015
 Response via : Initial Calibration

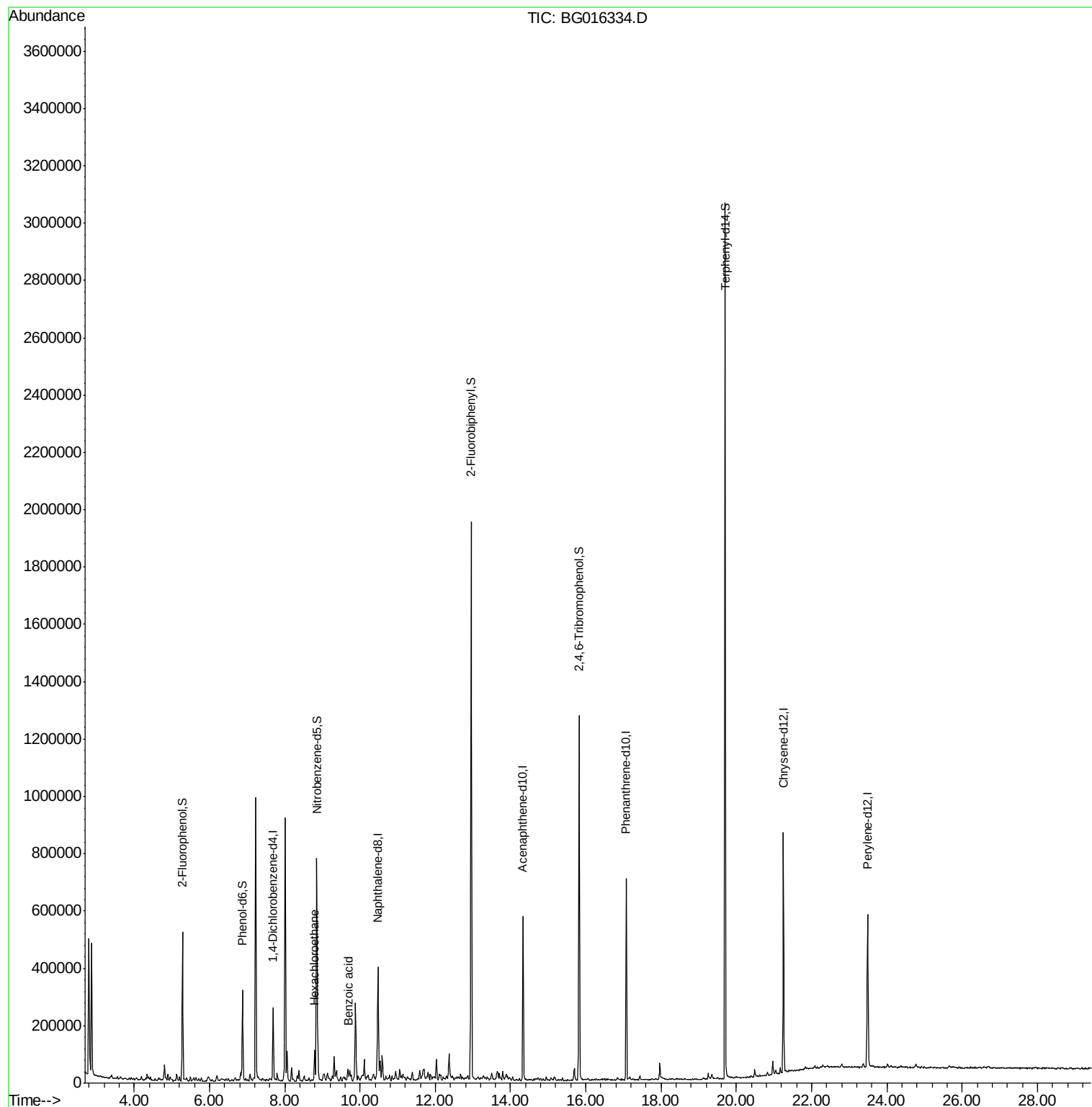
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	67804	20.00	ng	0.00
21) Naphthalene-d8	10.48	136	307692	20.00	ng	-0.01
38) Acenaphthene-d10	14.33	164	190920	20.00	ng	0.00
63) Phenanthrene-d10	17.07	188	389808	20.00	ng	0.00
75) Chrysene-d12	21.25	240	343019	20.00	ng	-0.01
86) Perylene-d12	23.48	264	306119	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	240922	56.08	ng	0.00
7) Phenol-d6	6.87	99	204460	31.70	ng	0.00
23) Nitrobenzene-d5	8.85	82	445674	83.91	ng	0.00
41) 2,4,6-Tribromophenol	15.82	330	179706	139.18	ng	0.00
44) 2-Fluorobiphenyl	12.96	172	971545	86.64	ng	0.00
78) Terphenyl-d14	19.70	244	1112973	75.94	ng	0.00
Target Compounds						
18) Hexachloroethane	8.80	117	15807	7.64	ng	# 1
32) Benzoic acid	9.69	122	514	8.86	ng	# 1

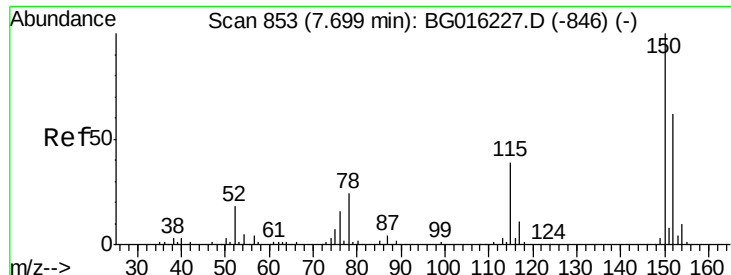
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.69 min Scan# 851

Delta R.T. -0.01 min

Lab File: BG016334.D

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Instrument :

BNA_G

ClientSampleId :

MW-06

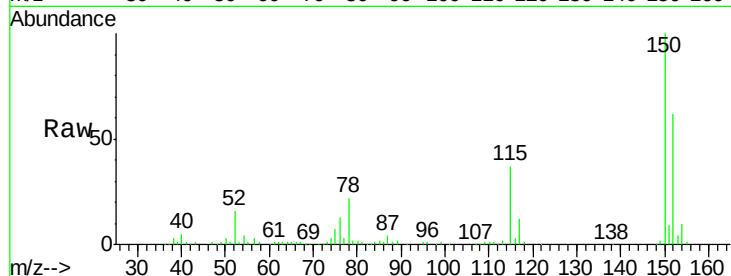
Tgt Ion:152 Resp: 67804

Ion Ratio Lower Upper

152 100

150 161.5 130.1 195.1

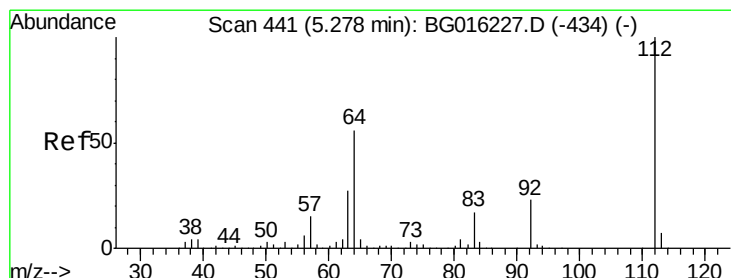
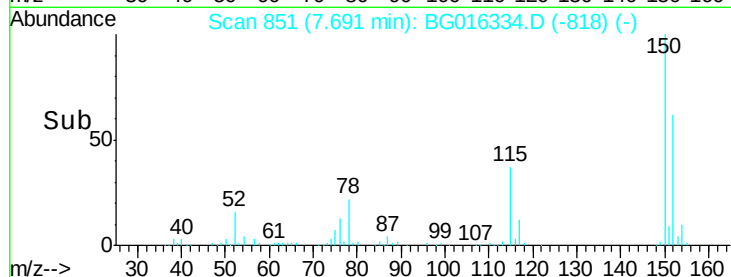
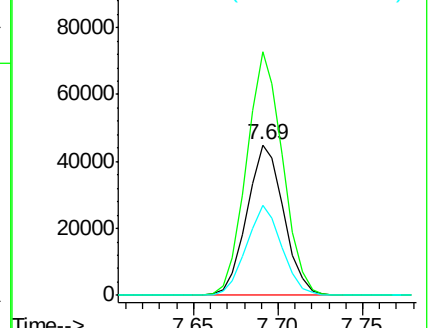
115 59.8 50.5 75.7



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: 56.08 ng

RT: 5.28 min Scan# 441

Delta R.T. 0.00 min

Lab File: BG016334.D

Acq: 11 Apr 2015 00:08

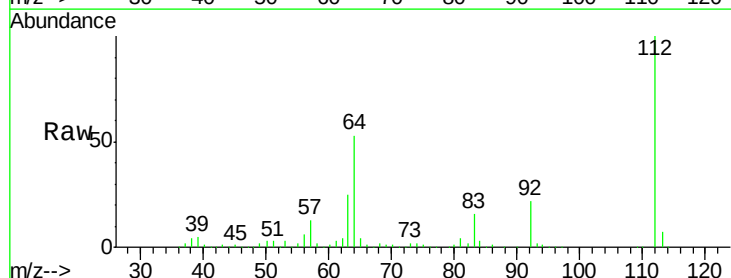
Tgt Ion:112 Resp: 240922

Ion Ratio Lower Upper

112 100

64 52.7 44.5 66.7

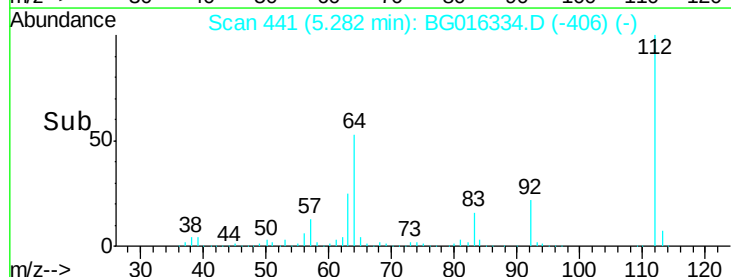
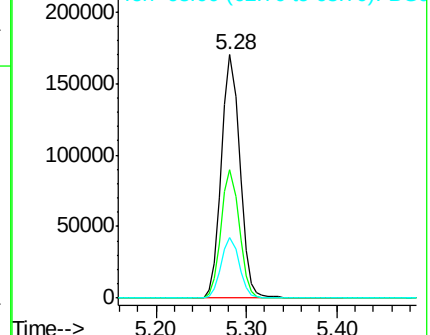
63 24.7 21.4 32.0

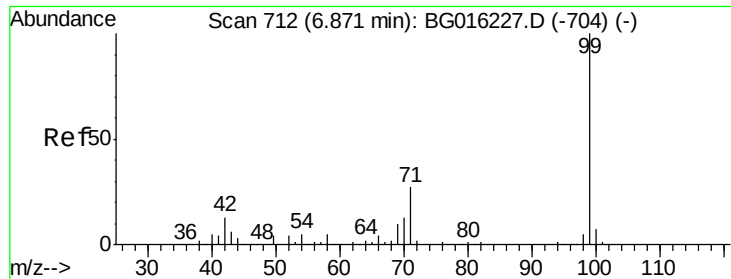


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 31.70 ng

RT: 6.87 min Scan# 712

Delta R.T. 0.00 min

Lab File: BG016334.D

Acq: 11 Apr 2015 00:08

Instrument :

BNA_G

ClientSampleId :

MW-06

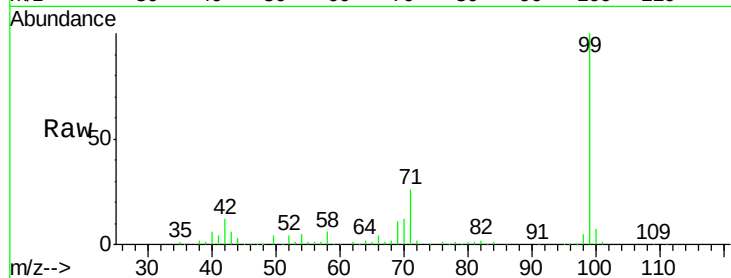
Tgt Ion: 99 Resp: 204460

Ion Ratio Lower Upper

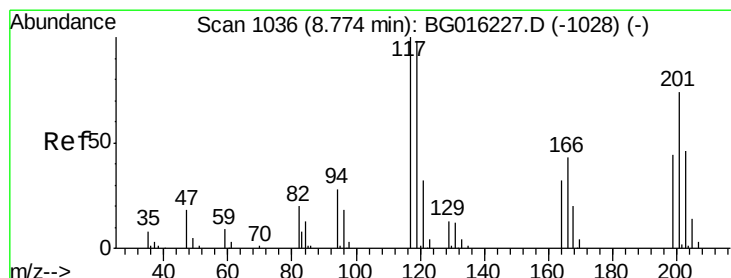
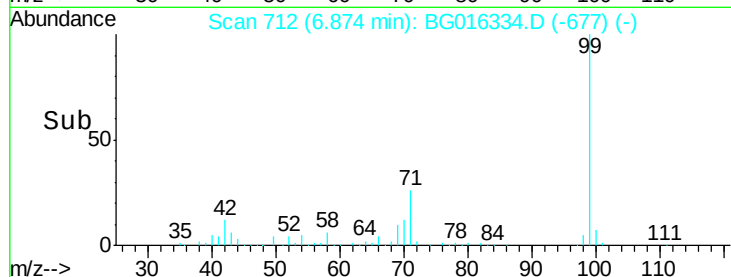
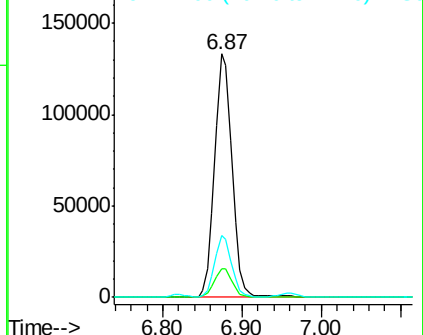
99 100

42 11.9 10.0 15.0

71 25.7 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: 7.64 ng

RT: 8.80 min Scan# 1039

Delta R.T. 0.02 min

Lab File: BG016334.D

Acq: 11 Apr 2015 00:08

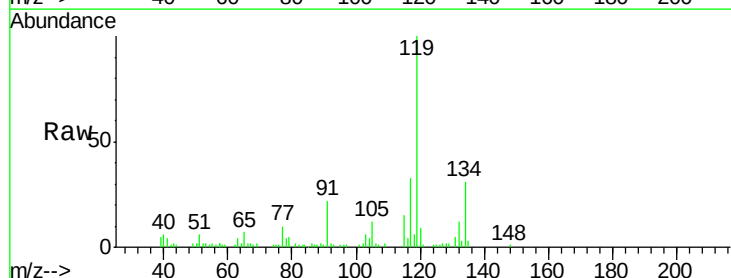
Tgt Ion: 117 Resp: 15807

Ion Ratio Lower Upper

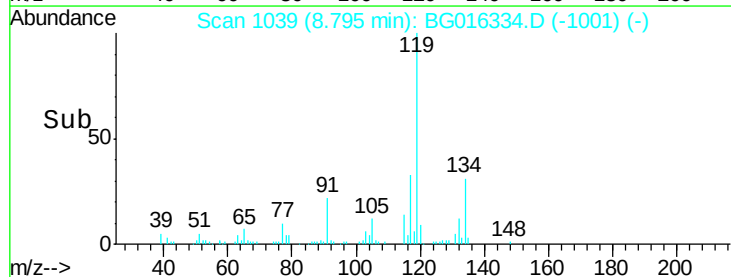
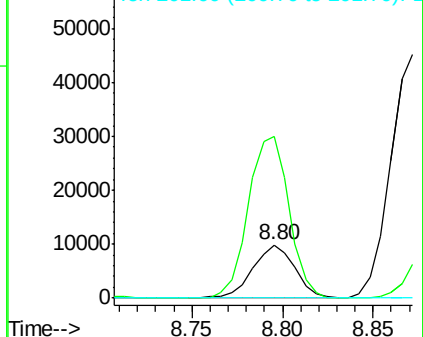
117 100

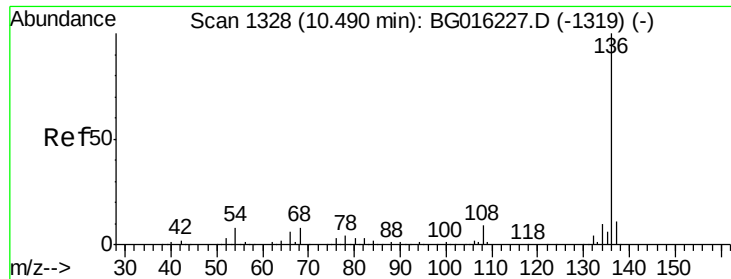
119 303.1 78.8 118.2#

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

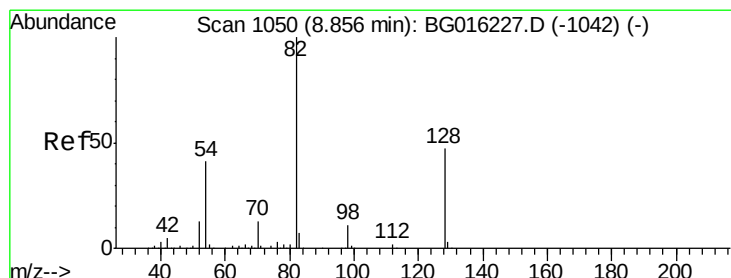
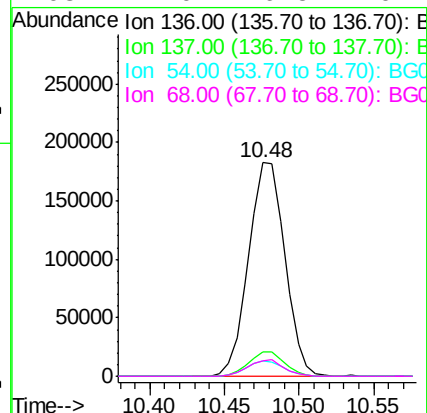
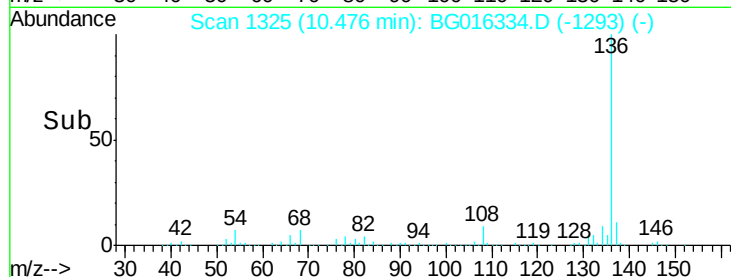
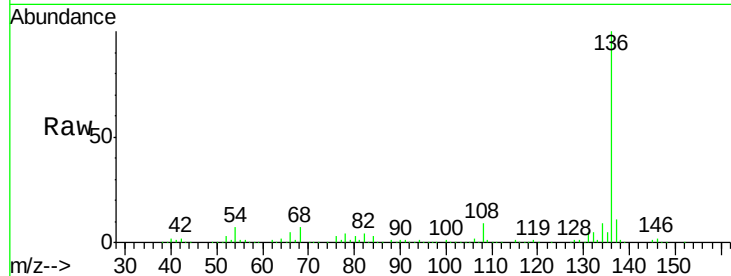




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.48 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG016334.D
Acq: 11 Apr 2015 00:08

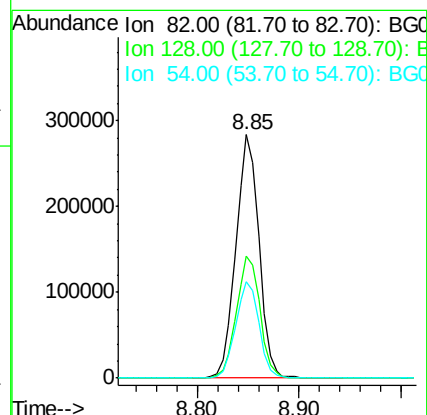
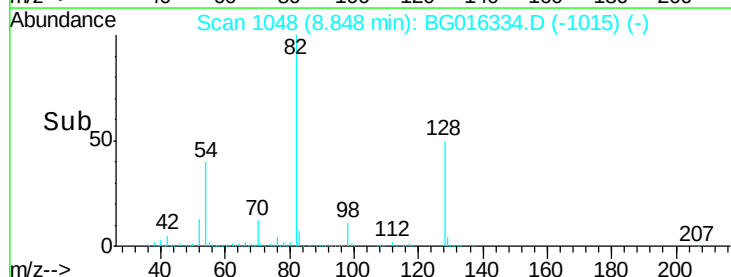
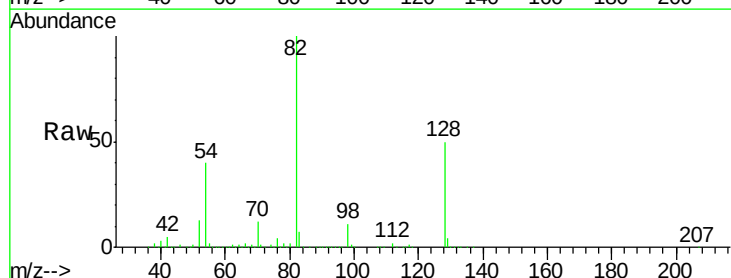
Instrument :
BNA_G
ClientSampleId :
MW-06

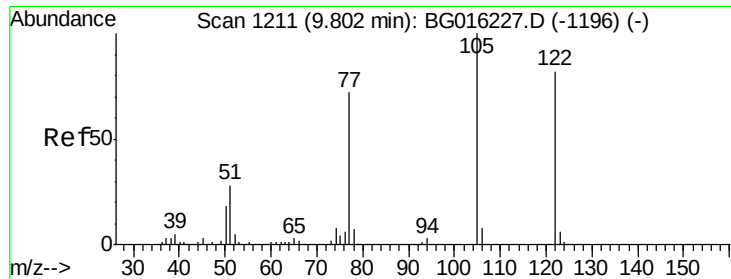
Tgt Ion:	136	Resp:	307692
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.7	13.1
54	7.3	6.3	9.5
68	7.0	6.5	9.7



#23
Nitrobenzene-d5
Concen: 83.91 ng
RT: 8.85 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BG016334.D
Acq: 11 Apr 2015 00:08

Tgt Ion:	82	Resp:	445674
Ion	Ratio	Lower	Upper
82	100		
128	50.0	37.8	56.8
54	39.8	32.6	49.0

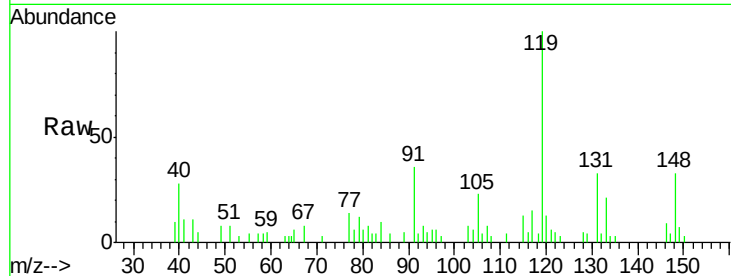




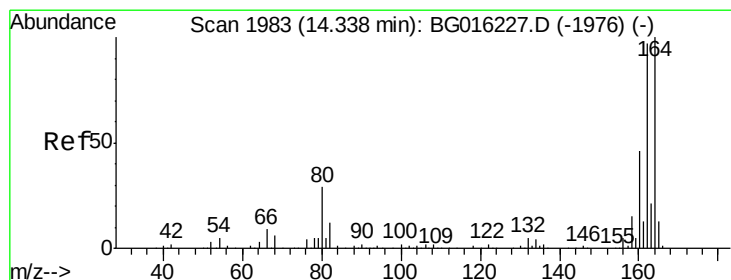
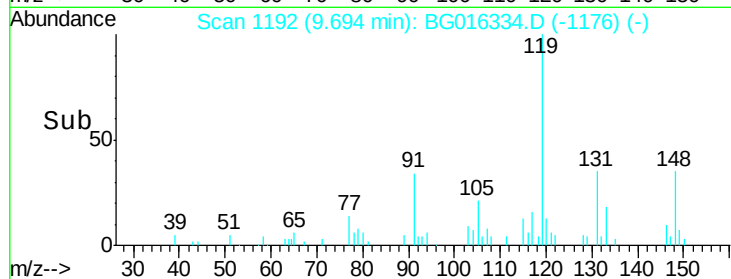
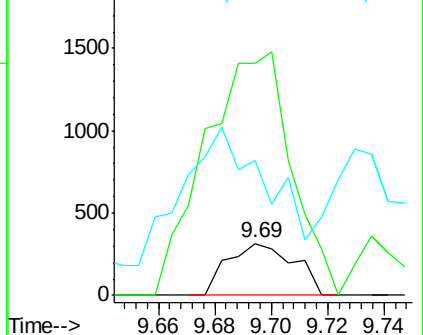
#32
Benzoic acid
Concen: 8.86 ng
RT: 9.69 min Scan# 1192
Delta R.T. -0.11 min
Lab File: BG016334.D
Acq: 11 Apr 2015 00:08

Instrument :
BNA_G
ClientSampleId :
MW-06

Tgt Ion:122 Resp: 514
Ion Ratio Lower Upper
122 100
105 447.0 99.7 139.7#
77 259.4 66.8 106.8#

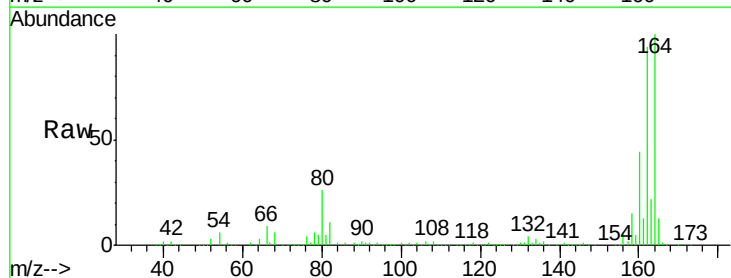


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC

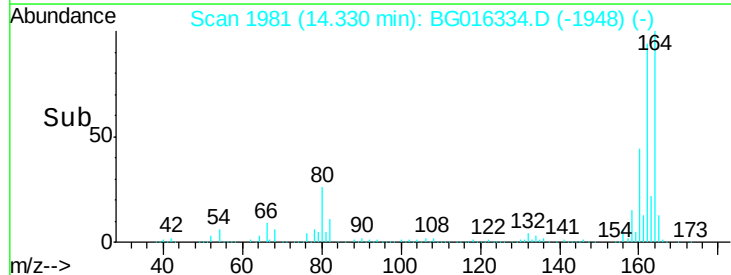
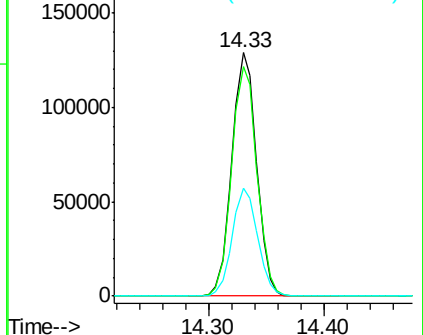


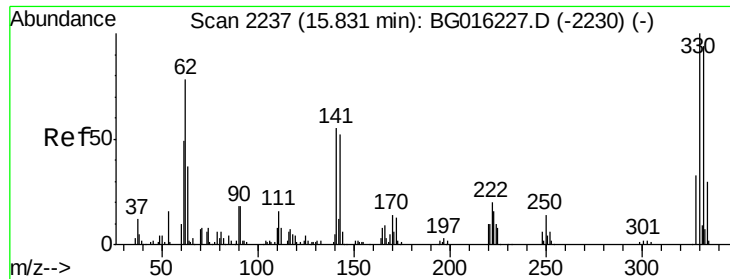
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.33 min Scan# 1981
Delta R.T. -0.01 min
Lab File: BG016334.D
Acq: 11 Apr 2015 00:08

Tgt Ion:164 Resp: 190920
Ion Ratio Lower Upper
164 100
162 94.5 77.3 115.9
160 44.4 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

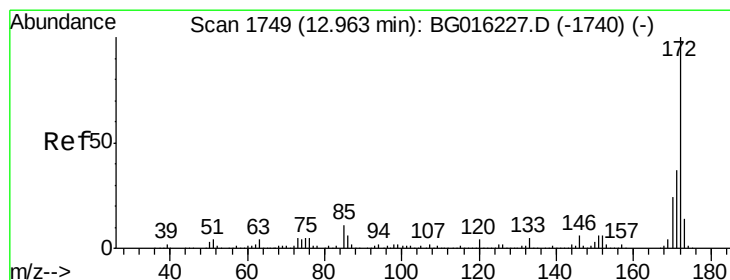
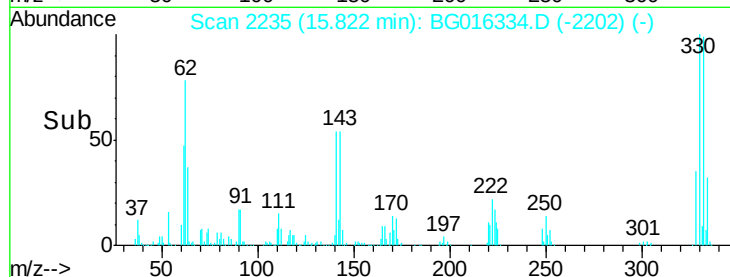
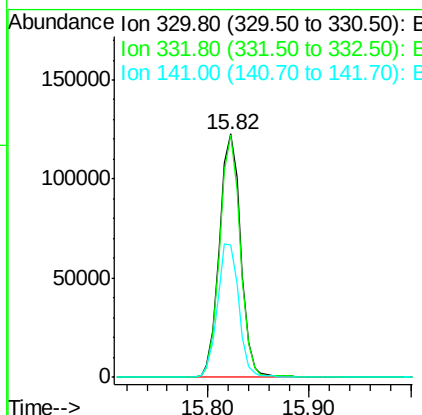
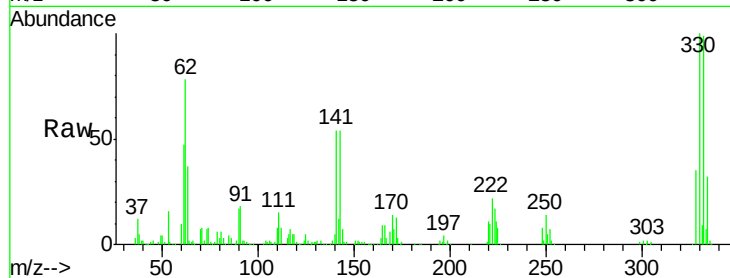




#41
 2,4,6-Tribromophenol
 Concen: 139.18 ng
 RT: 15.82 min Scan# 2235
 Delta R.T. -0.01 min
 Lab File: BG016334.D
 Acq: 11 Apr 2015 00:08

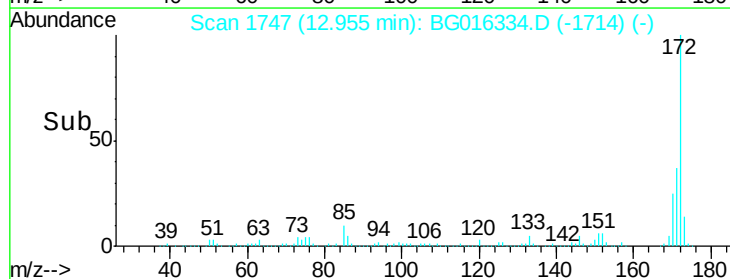
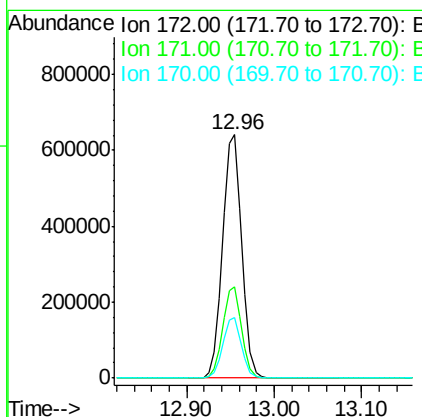
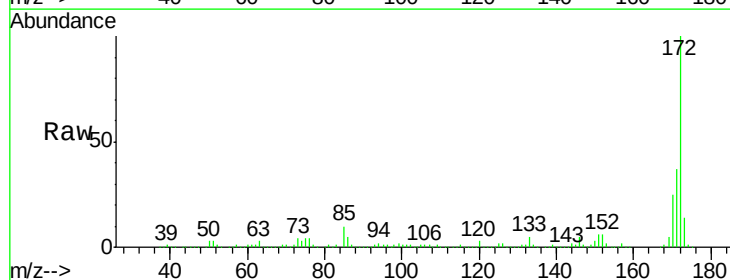
Instrument :
 BNA_G
 ClientSampleId :
 MW-06

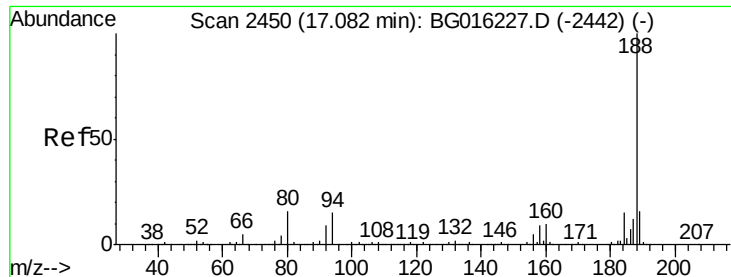
Tgt Ion:330 Resp: 179706
 Ion Ratio Lower Upper
 330 100
 332 95.7 75.8 113.6
 141 55.0 46.6 69.8



#44
 2-Fluorobiphenyl
 Concen: 86.64 ng
 RT: 12.96 min Scan# 1747
 Delta R.T. -0.01 min
 Lab File: BG016334.D
 Acq: 11 Apr 2015 00:08

Tgt Ion:172 Resp: 971545
 Ion Ratio Lower Upper
 172 100
 171 37.5 29.6 44.4
 170 25.1 19.4 29.2

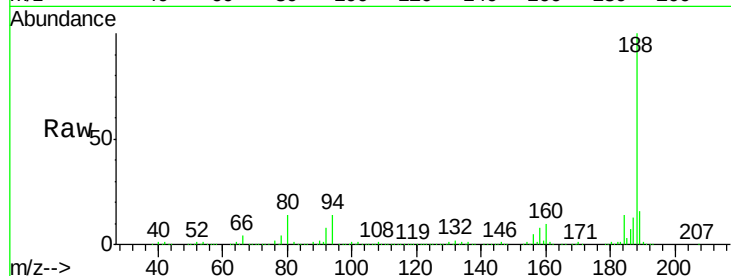




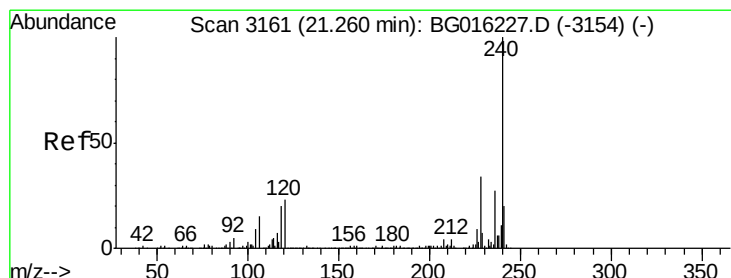
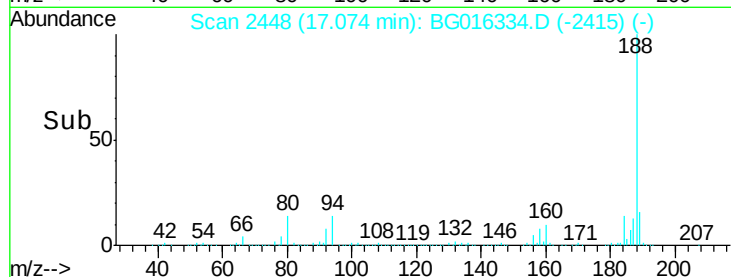
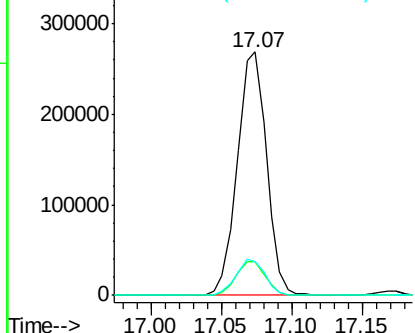
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.07 min Scan# 2448
Delta R.T. -0.01 min
Lab File: BG016334.D
Acq: 11 Apr 2015 00:08

Instrument :
BNA_G
ClientSampleId :
MW-06

Tgt Ion:188 Resp: 389808
Ion Ratio Lower Upper
188 100
94 13.8 12.2 18.4
80 13.9 12.8 19.2

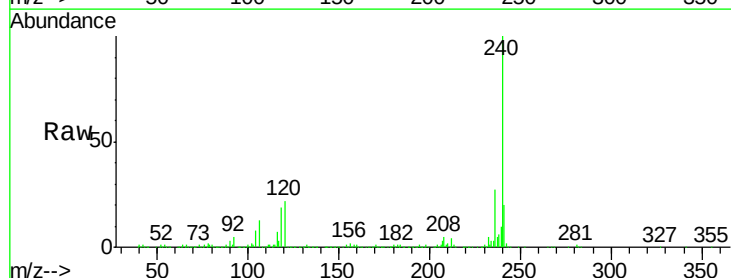


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

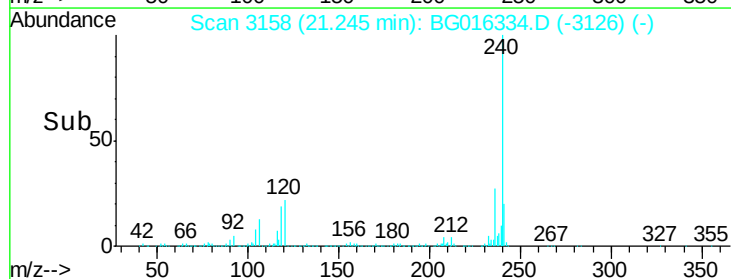
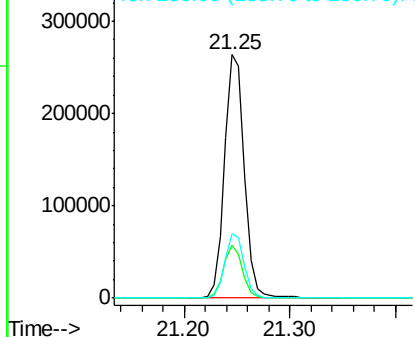


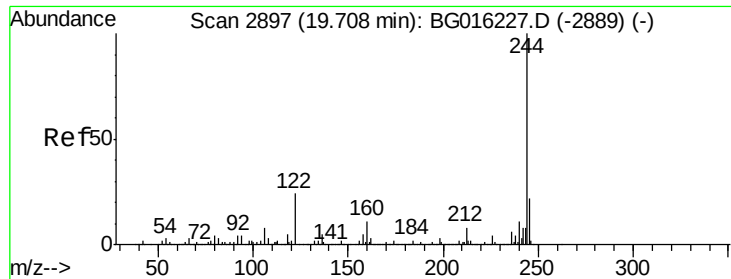
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.25 min Scan# 3158
Delta R.T. -0.01 min
Lab File: BG016334.D
Acq: 11 Apr 2015 00:08

Tgt Ion:240 Resp: 343019
Ion Ratio Lower Upper
240 100
120 21.7 18.6 28.0
236 26.7 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: 75.94 ng

RT: 19.70 min Scan# 2895

Delta R.T. -0.01 min

Lab File: BG016334.D

Acq: 11 Apr 2015 00:08

Instrument :

BNA_G

ClientSampleId :

MW-06

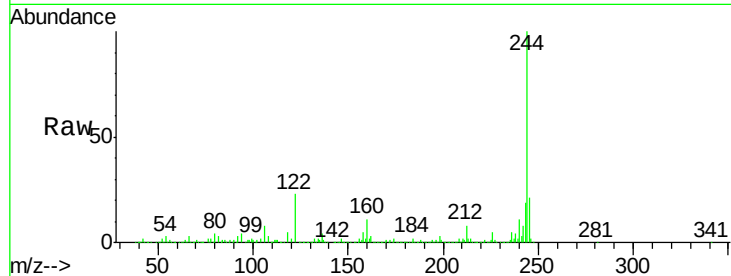
Tgt Ion:244 Resp: 1112973

Ion Ratio Lower Upper

244 100

212 8.0 6.6 9.8

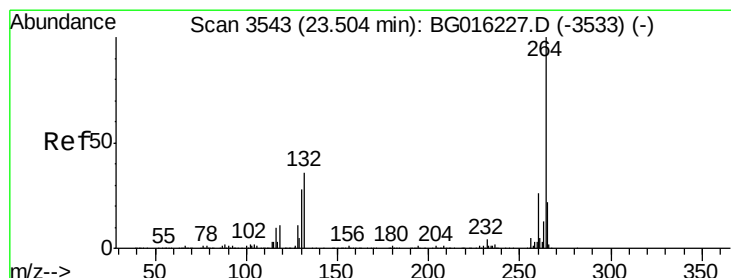
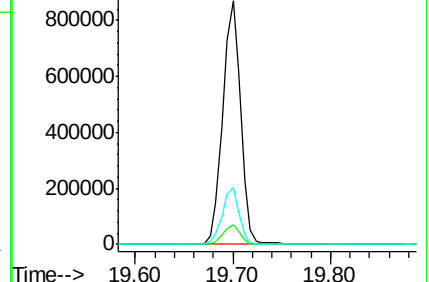
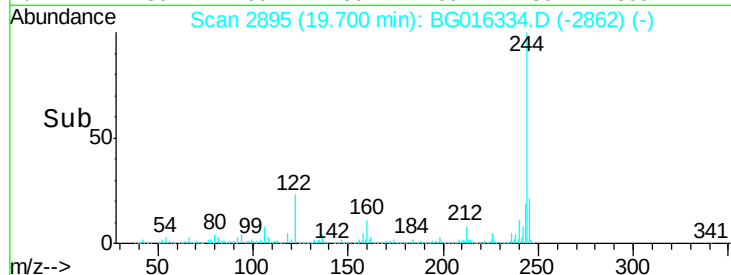
122 23.2 19.1 28.7



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: 23.48 min Scan# 3539

Delta R.T. -0.02 min

Lab File: BG016334.D

Acq: 11 Apr 2015 00:08

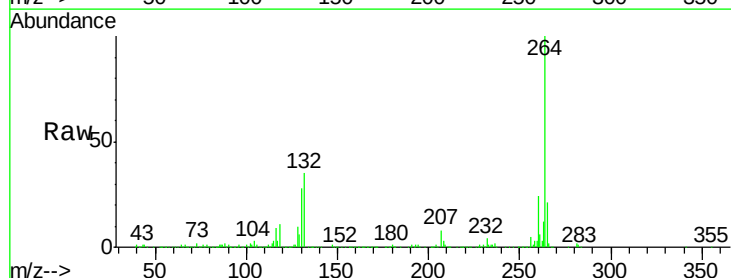
Tgt Ion:264 Resp: 306119

Ion Ratio Lower Upper

264 100

260 23.8 20.4 30.6

265 21.1 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

