

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101215\
 Data File : BG019150.D
 Acq On : 12 Oct 2015 7:21
 Operator : UM/NP
 Sample : G3978-03
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DRW2

Quant Time: Oct 12 09:30:07 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 10 07:04:31 2015
 Response via : Initial Calibration

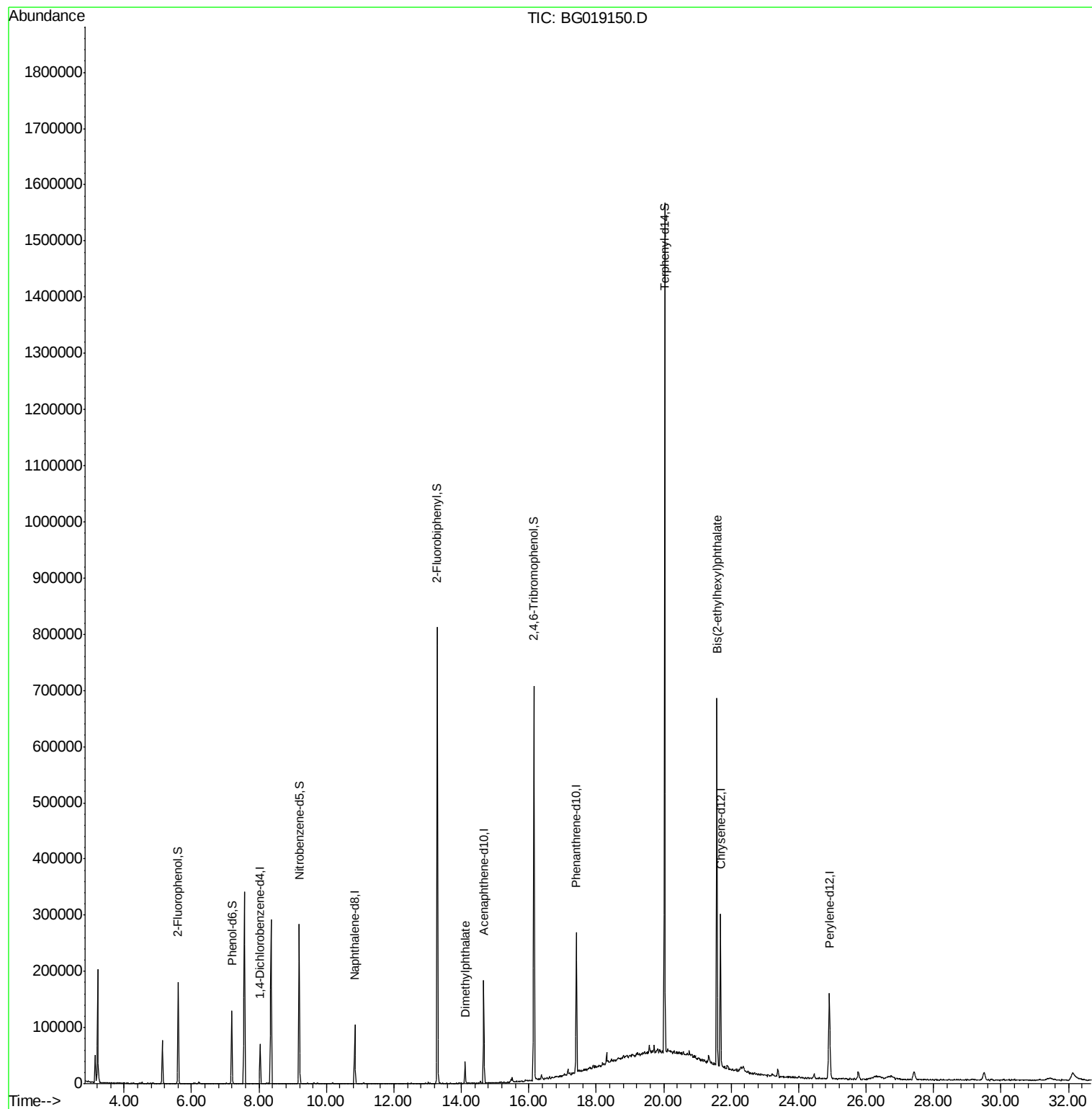
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	18865	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	85933	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	60923	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	145450	20.00	ng	0.00
75) Chrysene-d12	21.68	240	162814	20.00	ng	0.00
86) Perylene-d12	24.91	264	162646	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	68654	74.10	ng	0.00
7) Phenol-d6	7.19	99	67135	47.17	ng	0.00
23) Nitrobenzene-d5	9.19	82	164742	105.93	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	125005	150.57	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	413201	104.29	ng	0.00
78) Terphenyl-d14	20.02	244	603710	97.95	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.11	163	24076	5.00	ng	98
83) Bis(2-ethylhexyl)phthalate	21.57	149	246604	47.79	ng	97

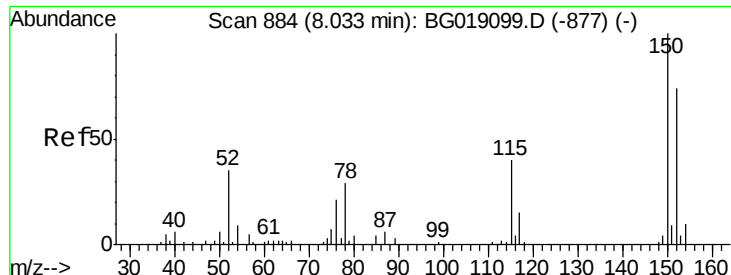
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 12 09:30:07 2015
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QLast Update : Sat Oct 10 07:04:31 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.03 min Scan# 883

Delta R.T. -0.01 min

Lab File: BG019150.D

Acq: 12 Oct 2015 7:21

Instrument :

BNA_G

ClientSampled :

DRW2

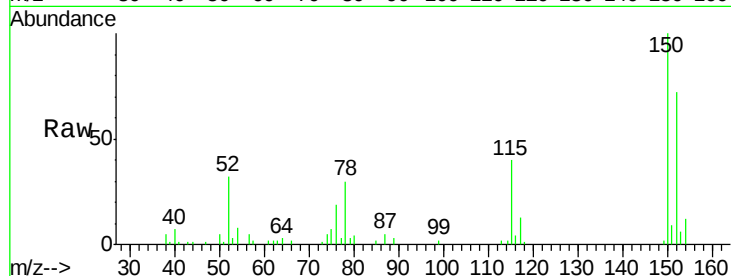
Tot Ion:152 Resp: 18865

Ion Ratio Lower Upper

152 100

150 139.4 108.2 162.2

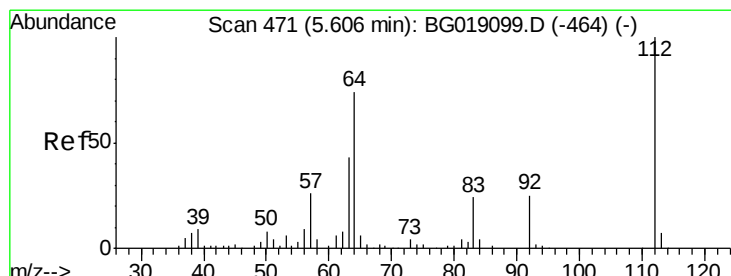
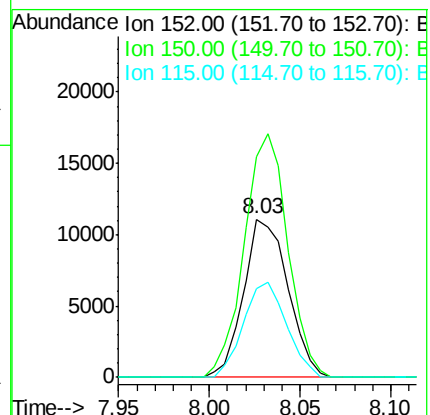
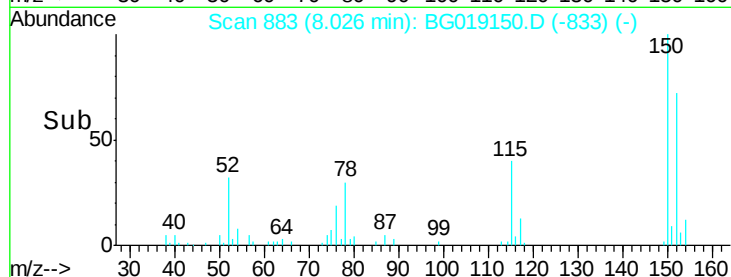
115 56.4 43.2 64.8



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: 74.10 ng

RT: 5.61 min Scan# 471

Delta R.T. -0.00 min

Lab File: BG019150.D

Acq: 12 Oct 2015 7:21

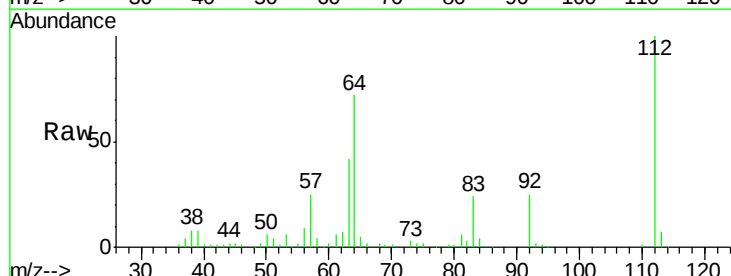
Tgt Ion:112 Resp: 68654

Ion Ratio Lower Upper

112 100

64 72.1 59.0 88.4

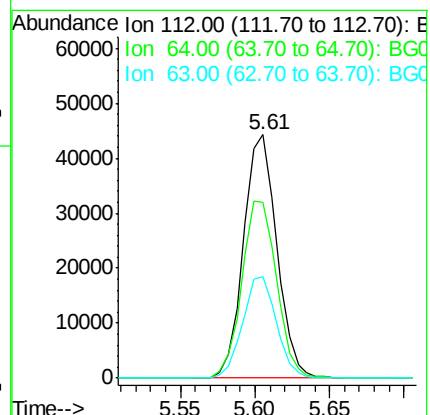
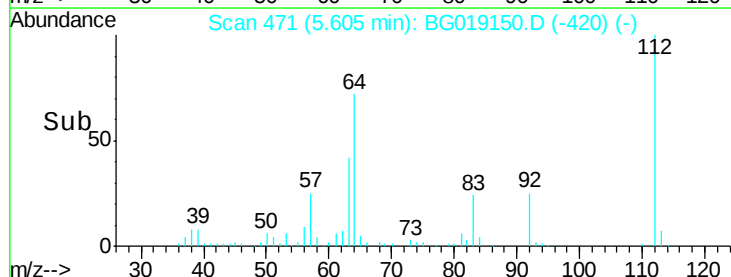
63 41.6 34.7 52.1

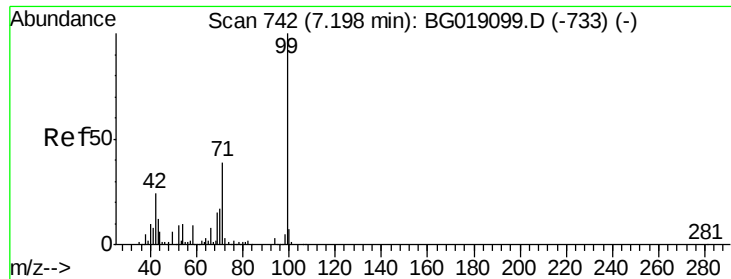


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 47.17 ng

RT: 7.19 min Scan# 741

Delta R.T. -0.01 min

Lab File: BG019150.D

Acq: 12 Oct 2015 7:21

Instrument :

BNA_G

ClientSampled :

DRW2

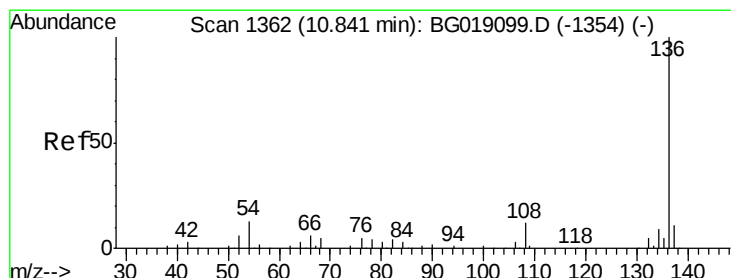
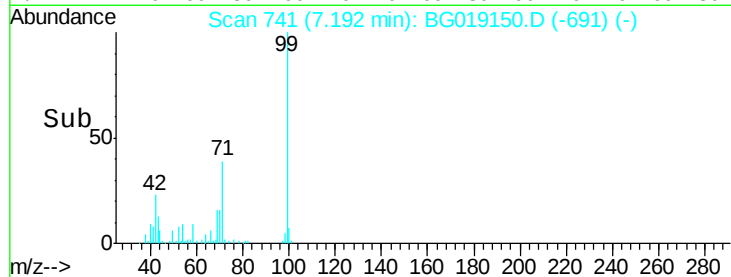
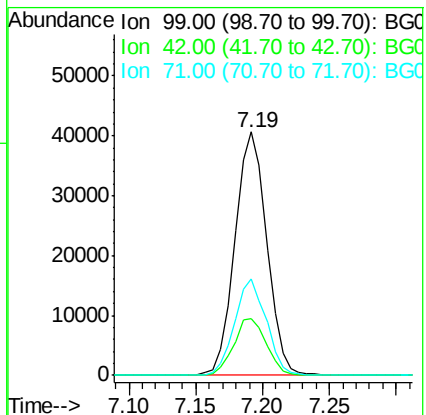
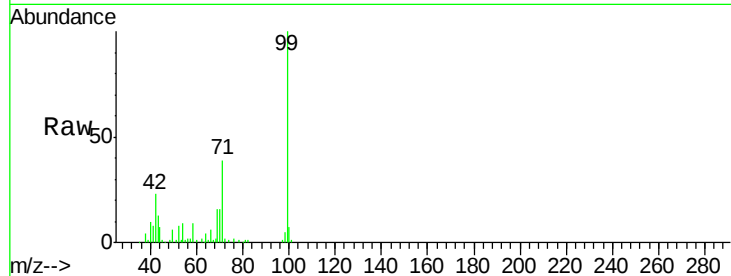
Tot Ion: 99 Resp: 67135

Ion Ratio Lower Upper

99 100

42 23.1 19.5 29.3

71 39.4 31.4 47.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.84 min Scan# 1362

Delta R.T. -0.00 min

Lab File: BG019150.D

Acq: 12 Oct 2015 7:21

Tgt Ion: 136 Resp: 85933

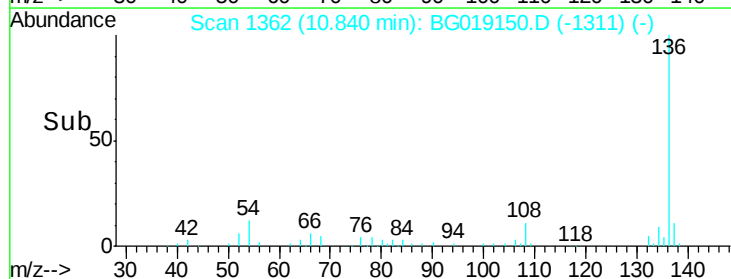
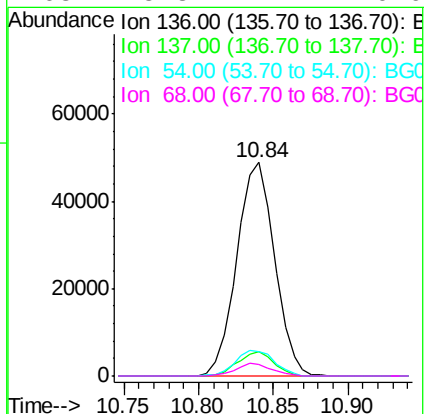
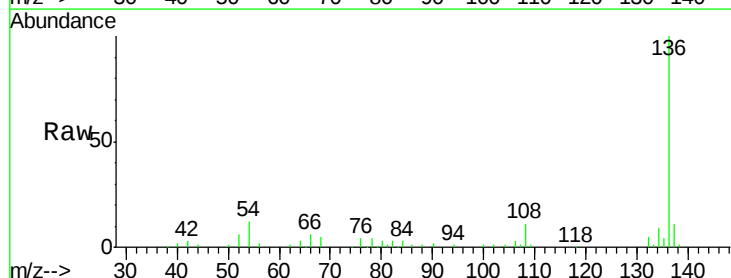
Ion Ratio Lower Upper

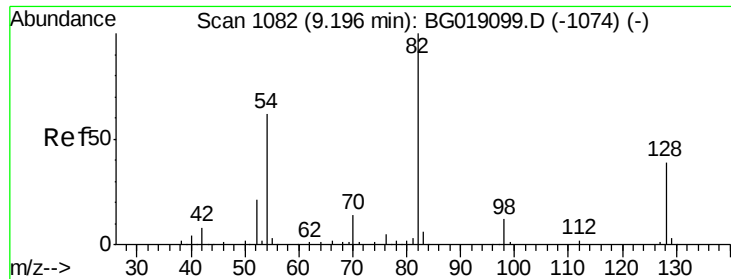
136 100

137 11.3 9.0 13.4

54 11.5 10.1 15.1

68 5.3 4.4 6.6

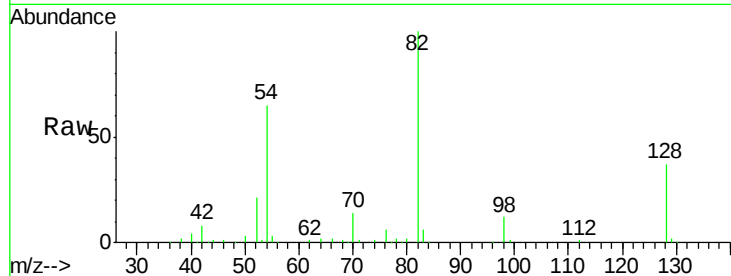




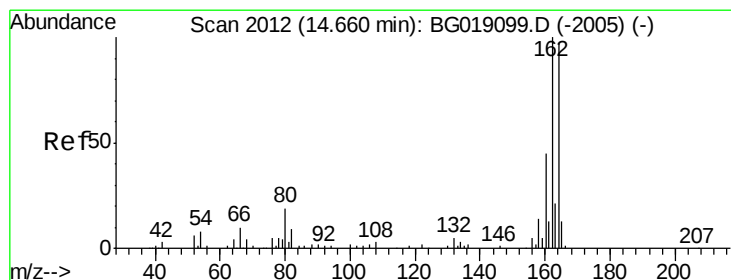
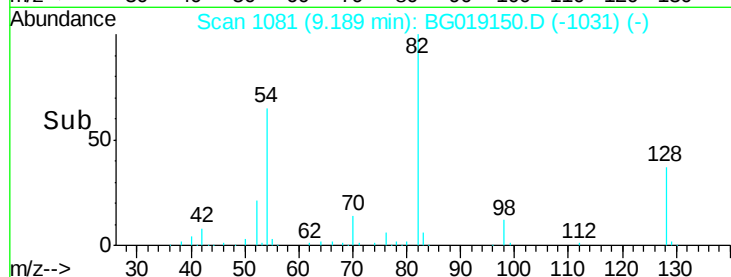
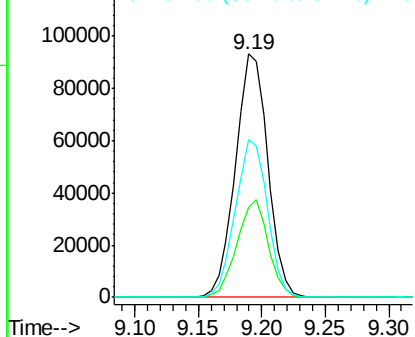
#23
Nitrobenzene-d5
Concen: 105.93 ng
RT: 9.19 min Scan# 1081
Delta R.T. -0.01 min
Lab File: BG019150.D
Acq: 12 Oct 2015 7:21

Instrument :
BNA_G
ClientSampleId :
DRW2

Tot Ion	82	Resp	164742
Ion Ratio	Lower	Upper	
82	100		
128	37.1	31.4	47.2
54	65.1	50.0	75.0

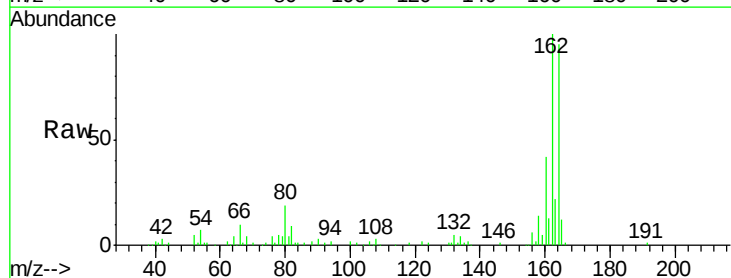


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

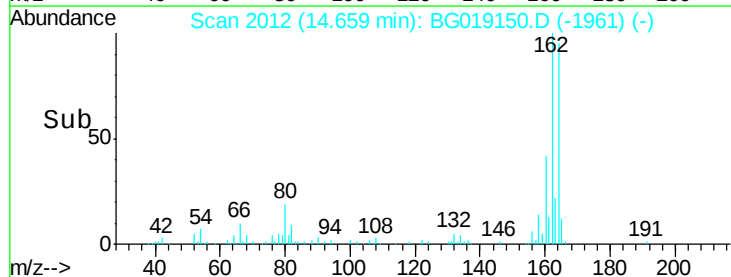
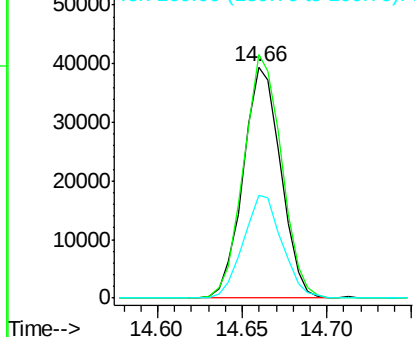


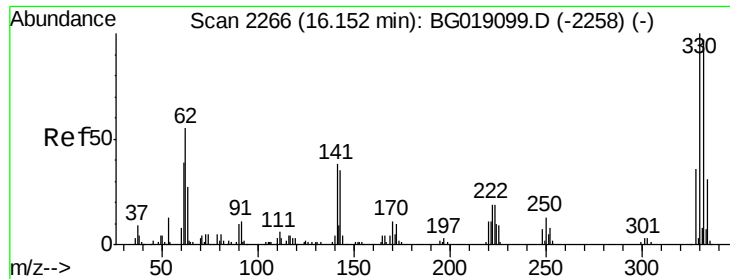
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.66 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BG019150.D
Acq: 12 Oct 2015 7:21

Tgt Ion	164	Resp	60923
Ion Ratio	Lower	Upper	
164	100		
162	105.3	82.6	124.0
160	44.6	36.9	55.3



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





#41

2,4,6-Tribromophenol

Concen: 150.57 ng

RT: 16.15 min Scan# 2266

Delta R.T. -0.00 min

Lab File: BG019150.D

Acq: 12 Oct 2015 7:21

Instrument :

BNA_G

ClientSampleId :

DRW2

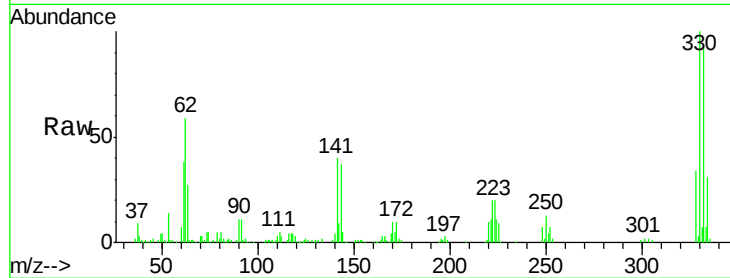
Tot Ion:330 Resp: 125005

Ion Ratio Lower Upper

330 100

332 94.9 77.3 115.9

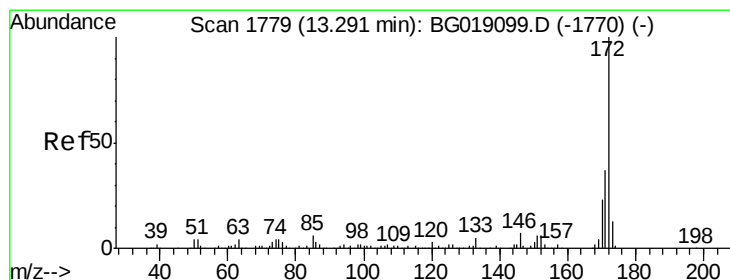
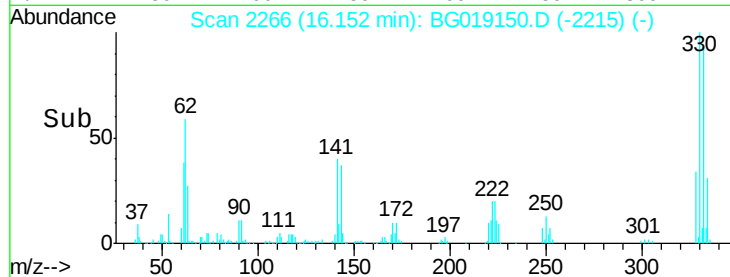
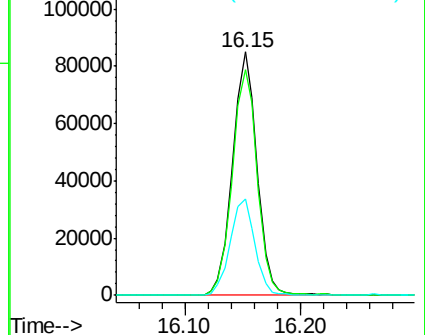
141 40.3 30.7 46.1



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: 104.29 ng

RT: 13.28 min Scan# 1778

Delta R.T. -0.01 min

Lab File: BG019150.D

Acq: 12 Oct 2015 7:21

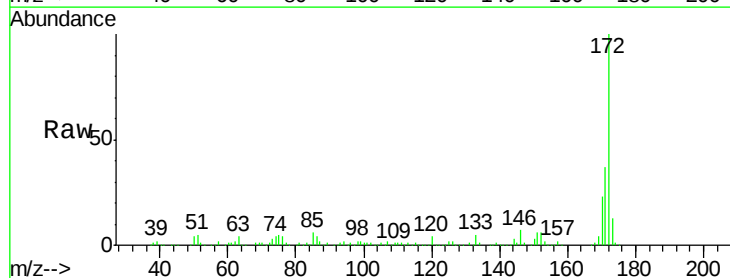
Tgt Ion:172 Resp: 413201

Ion Ratio Lower Upper

172 100

171 36.7 29.9 44.9

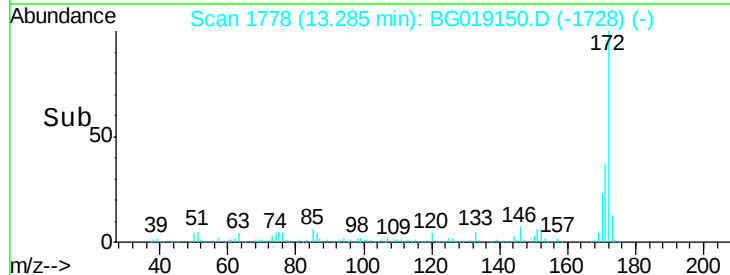
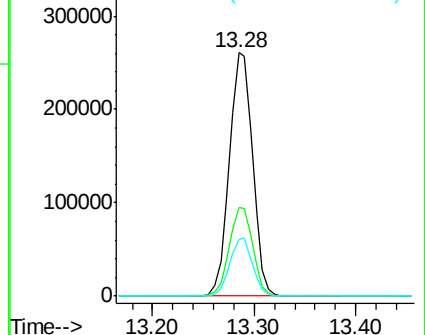
170 23.4 18.6 27.8

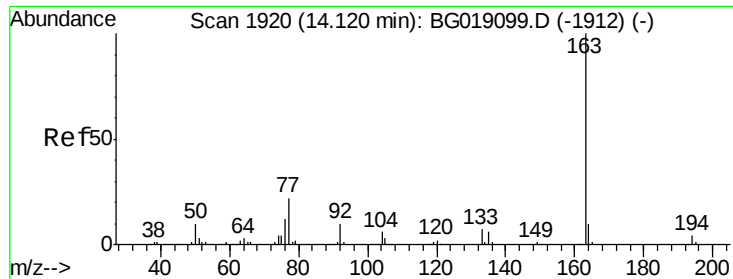


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 5.00 ng

RT: 14.11 min Scan# 1918

Delta R.T. -0.01 min

Lab File: BG019150.D

Acq: 12 Oct 2015 7:21

Instrument :

BNA_G

ClientSampleId :

DRW2

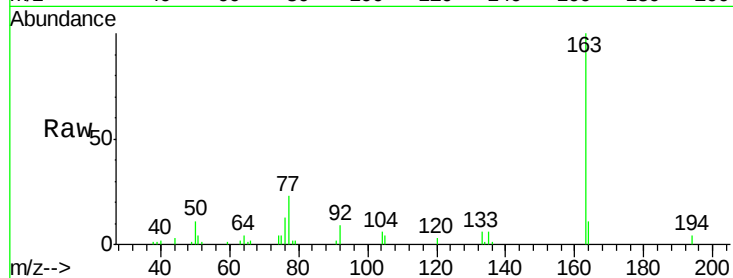
Tot Ion:163 Resp: 24076

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

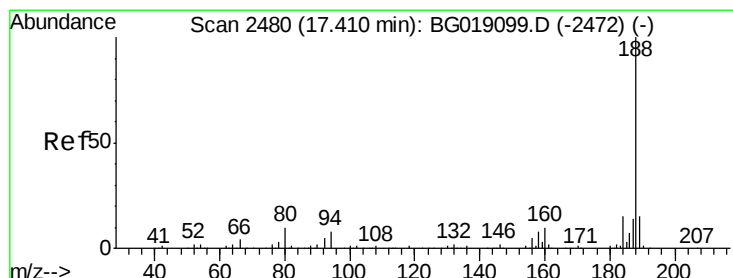
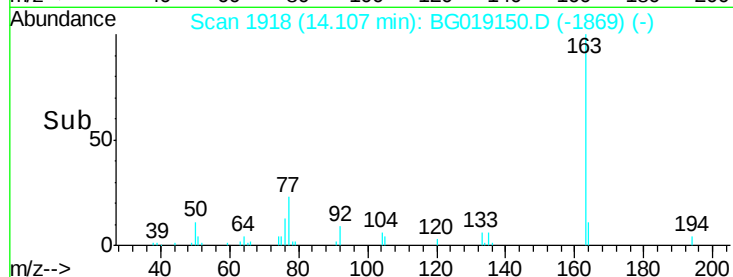
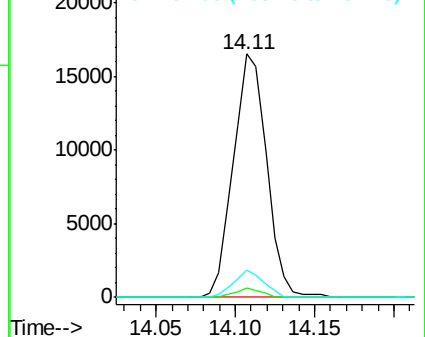
164 11.2 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.41 min Scan# 2480

Delta R.T. -0.00 min

Lab File: BG019150.D

Acq: 12 Oct 2015 7:21

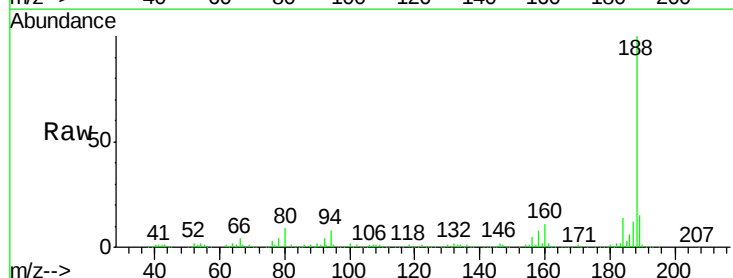
Tgt Ion:188 Resp: 145450

Ion Ratio Lower Upper

188 100

94 7.6 6.4 9.6

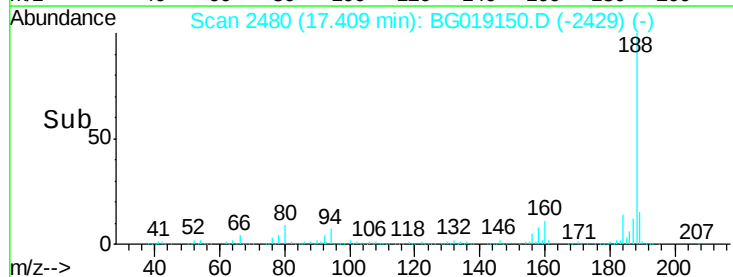
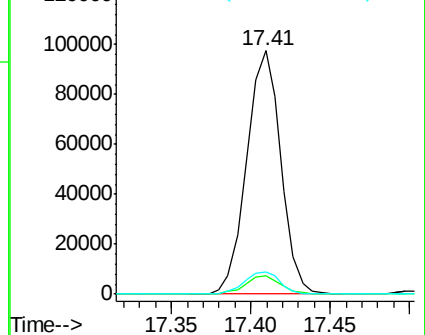
80 9.2 7.6 11.4

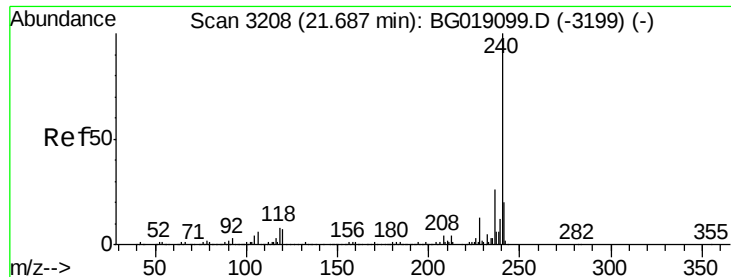


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.68 min Scan# 3207

Delta R.T. -0.01 min

Lab File: BG019150.D

Acq: 12 Oct 2015 7:21

Instrument :

BNA_G

ClientSampled :

DRW2

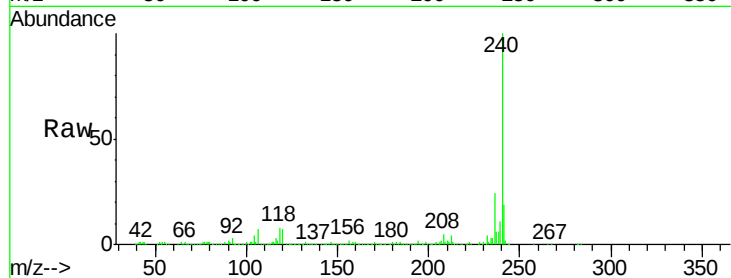
Tot Ion:240 Resp: 162814

Ion Ratio Lower Upper

240 100

120 7.2 5.8 8.6

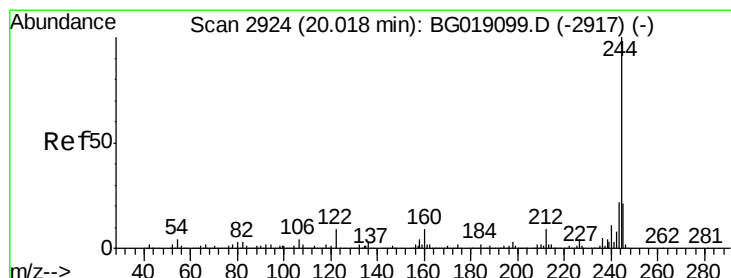
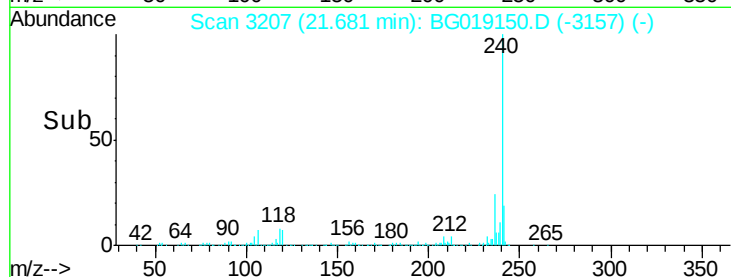
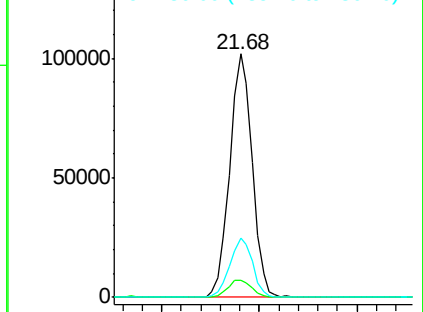
236 24.3 21.2 31.8



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: 97.95 ng

RT: 20.02 min Scan# 2925

Delta R.T. 0.01 min

Lab File: BG019150.D

Acq: 12 Oct 2015 7:21

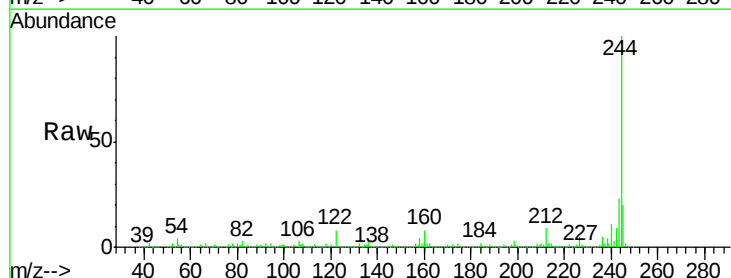
Tgt Ion:244 Resp: 603710

Ion Ratio Lower Upper

244 100

212 9.2 6.8 10.2

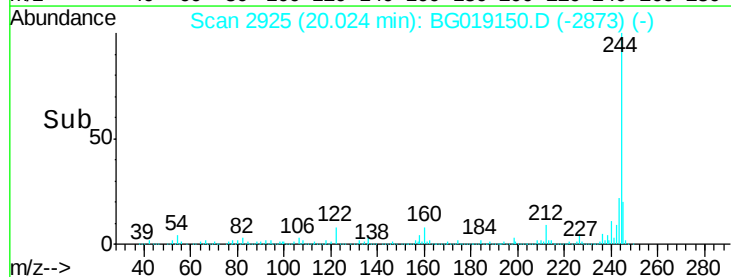
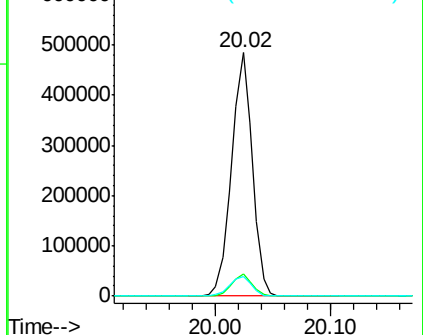
122 8.3 7.4 11.2

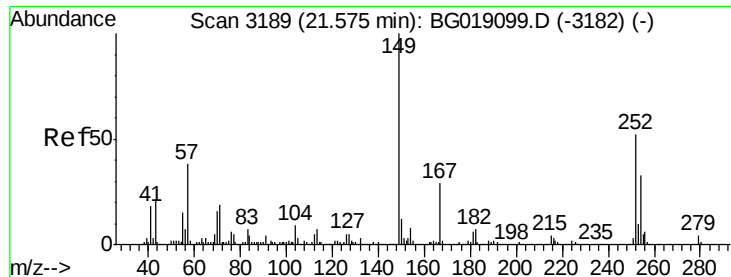


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

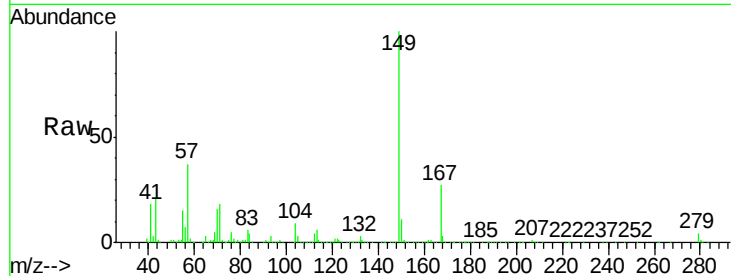




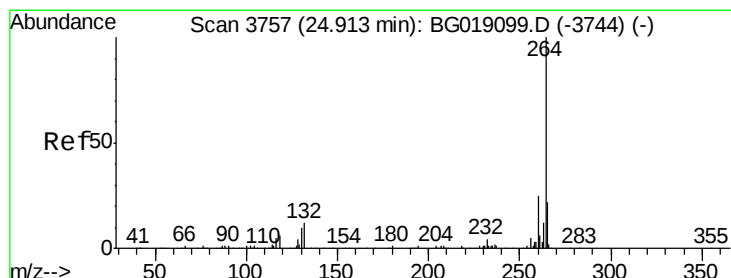
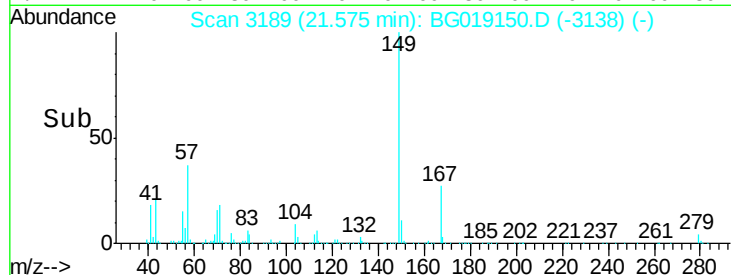
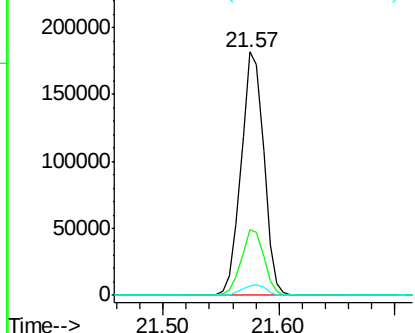
#83
Bis(2-ethylhexyl)phthalate
Concen: 47.79 ng
RT: 21.57 min Scan# 3189
Delta R.T. -0.00 min
Lab File: BG019150.D
Acq: 12 Oct 2015 7:21

Instrument :
BNA_G
ClientSampleId :
DRW2

Tot Ion:149 Resp: 246604
Ion Ratio Lower Upper
149 100
167 27.1 22.8 34.2
279 4.1 3.6 5.4

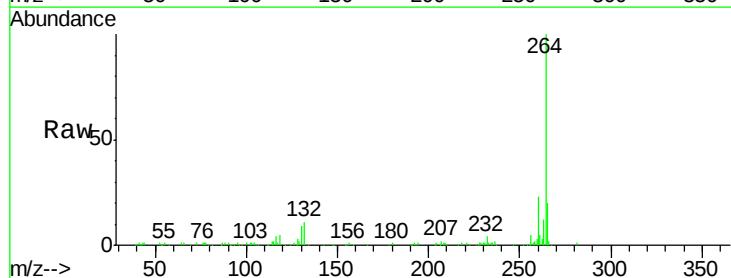


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.91 min Scan# 3757
Delta R.T. -0.00 min
Lab File: BG019150.D
Acq: 12 Oct 2015 7:21

Tgt Ion:264 Resp: 162646
Ion Ratio Lower Upper
264 100
260 23.2 20.1 30.1
265 19.7 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

