

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG111117\
 Data File : BG030945.D
 Acq On : 11 Nov 2017 15:53
 Operator : SJ/JU
 Sample : I6389-11
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 13 03:21:16 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

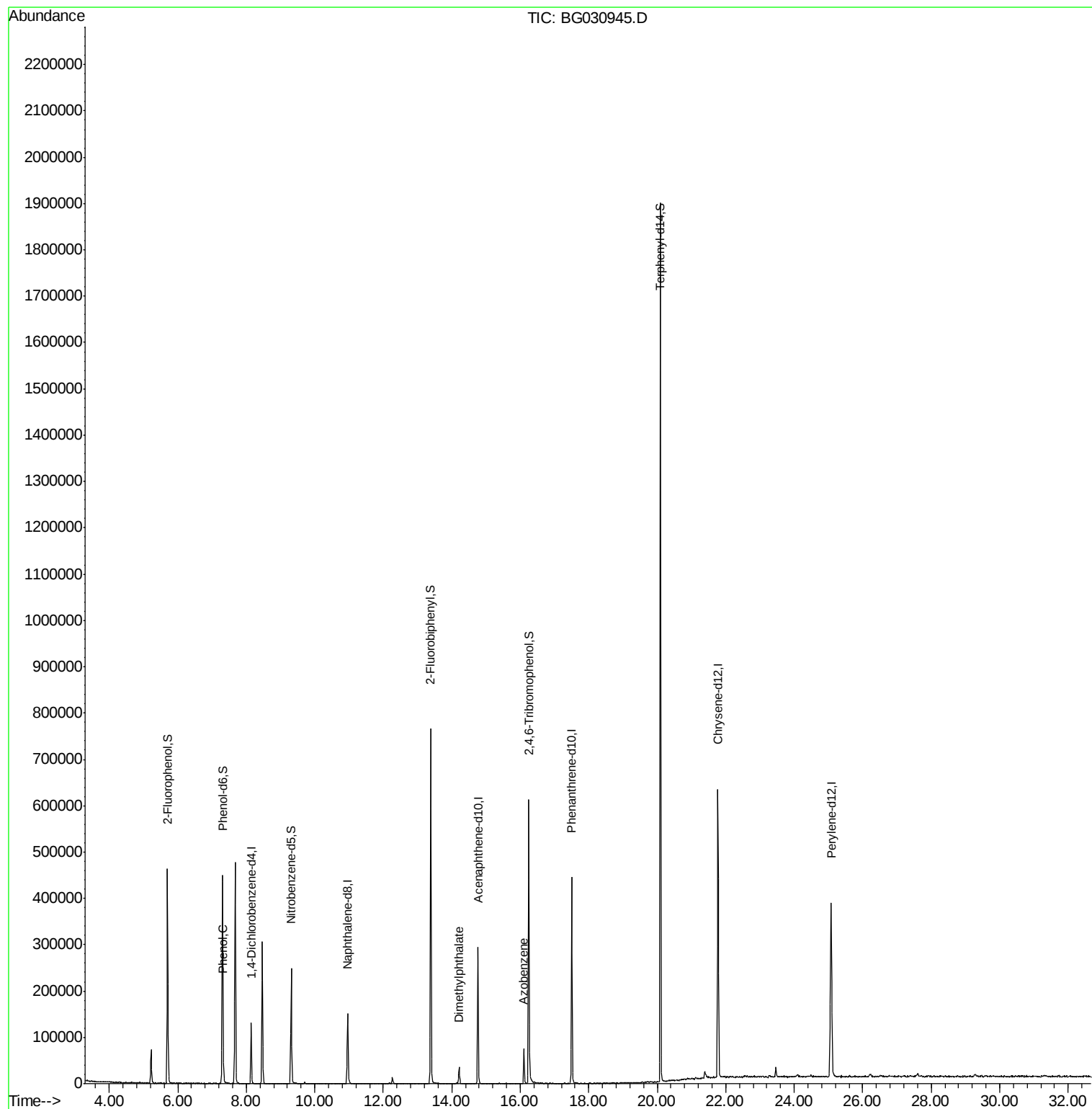
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	37043	20.00	ng	-0.01
21) Naphthalene-d8	10.96	136	160995	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	111202	20.00	ng	-0.01
63) Phenanthrene-d10	17.50	188	301274	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	413051	20.00	ng	-0.01
86) Perylene-d12	25.07	264	443364	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	224595	103.97	ng	0.00
7) Phenol-d6	7.31	99	283686	97.48	ng	0.00
23) Nitrobenzene-d5	9.31	82	162467	59.80	ng	-0.01
41) 2,4,6-Tribromophenol	16.25	330	155355	86.36	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	455085	58.80	ng	-0.01
78) Terphenyl-d14	20.09	244	933631	49.91	ng	0.00
Target Compounds						
10) Phenol	7.33	94	12171	4.027	ng	91
49) Dimethylphthalate	14.21	163	40189	4.180	ng	98
62) Azobenzene	16.11	77	21975	2.950	ng	# 1

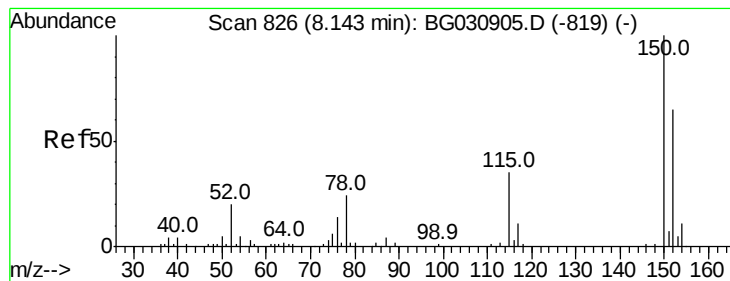
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG111117\
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Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Nov 13 03:21:16 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:38:25 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 826

Delta R.T. -0.01 min

Lab File: BG030945.D

Acq: 11 Nov 2017 15:53

Instrument :

BNA_G

ClientSampleId :

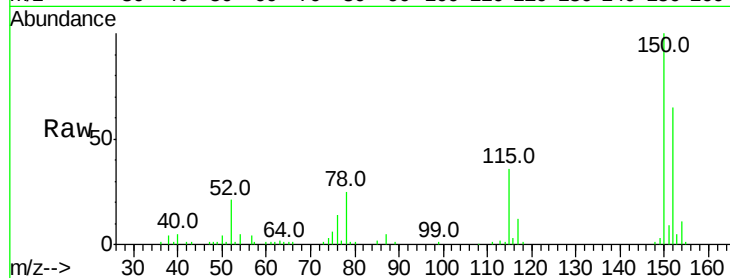
Tot Ion:152 Resp: 37043

Ion Ratio Lower Upper

152 100

150 153.7 126.6 189.8

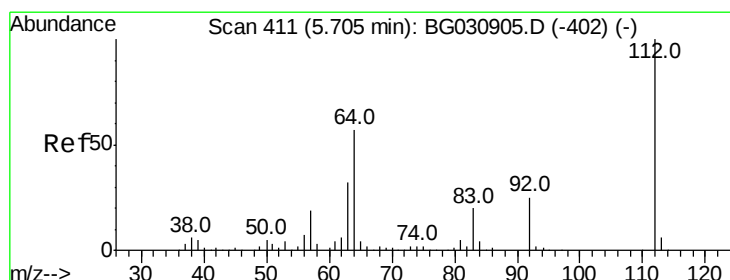
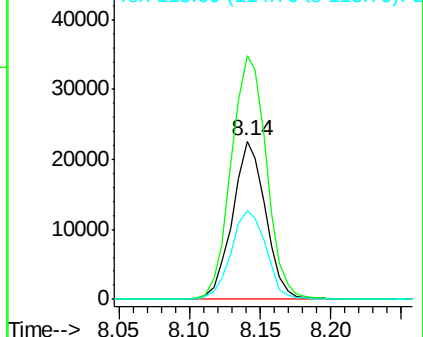
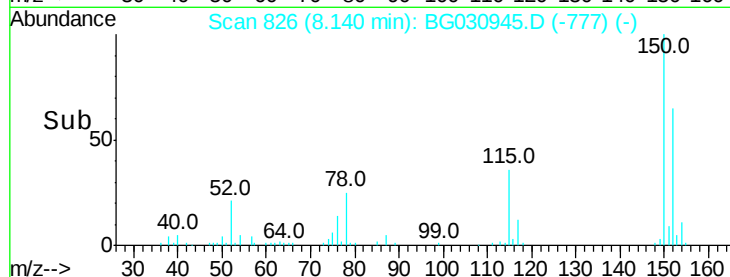
115 55.8 53.0 79.4



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: 103.967 ng

RT: 5.70 min Scan# 411

Delta R.T. -0.01 min

Lab File: BG030945.D

Acq: 11 Nov 2017 15:53

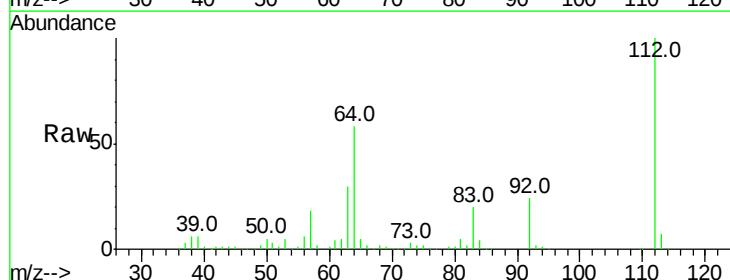
Tgt Ion:112 Resp: 224595

Ion Ratio Lower Upper

112 100

64 57.7 56.3 84.5

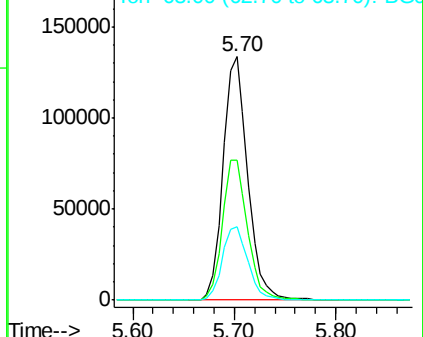
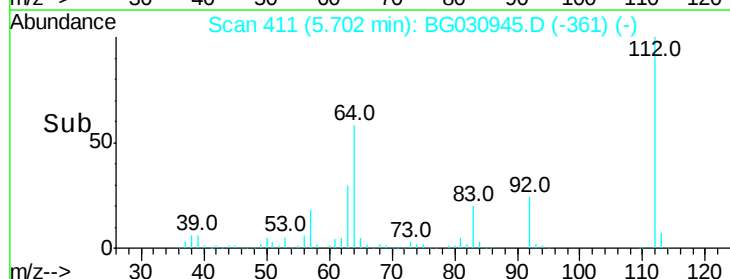
63 30.1 30.1 45.1

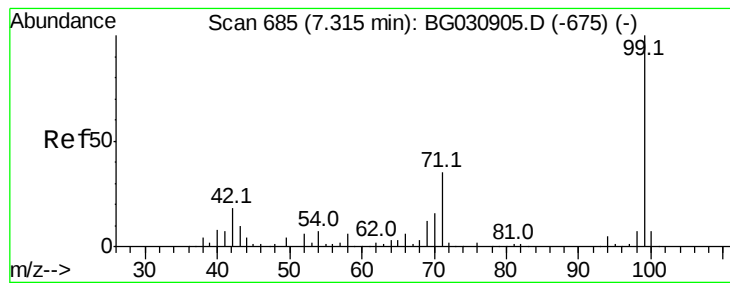


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 97.476 ng

RT: 7.31 min Scan# 684

Delta R.T. -0.00 min

Lab File: BG030945.D

Acq: 11 Nov 2017 15:53

Instrument :

BNA_G

ClientSampleId :

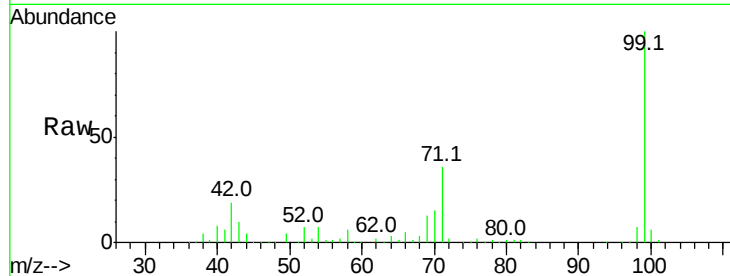
Tot Ion: 99 Resp: 283686

Ion Ratio Lower Upper

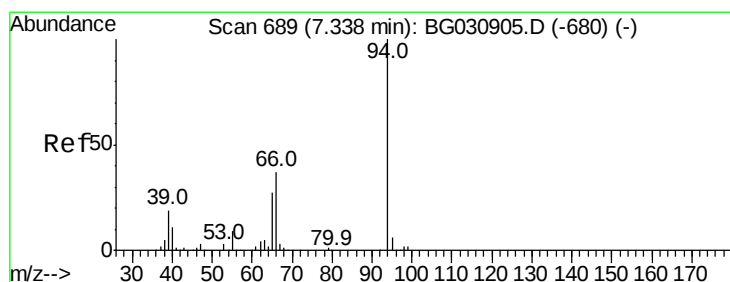
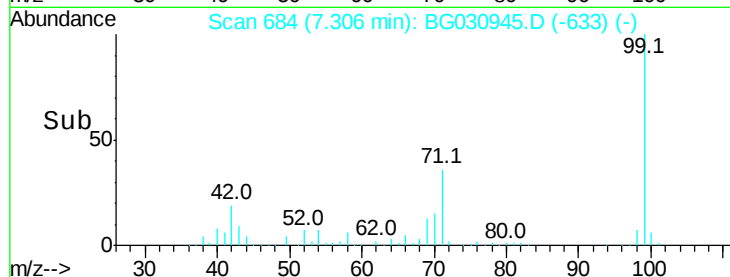
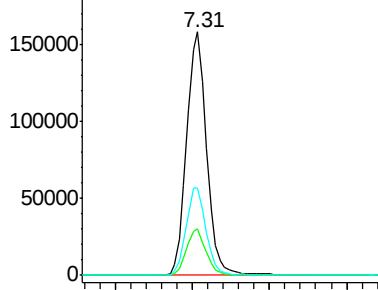
99 100

42 18.9 14.1 21.1

71 35.8 26.1 39.1



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



#10

Phenol

Concen: 4.027 ng

RT: 7.33 min Scan# 688

Delta R.T. -0.01 min

Lab File: BG030945.D

Acq: 11 Nov 2017 15:53

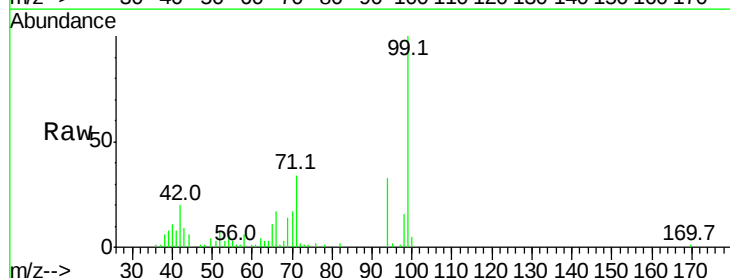
Tgt Ion: 94 Resp: 12171

Ion Ratio Lower Upper

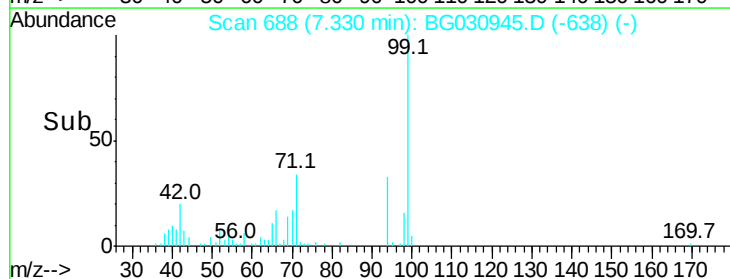
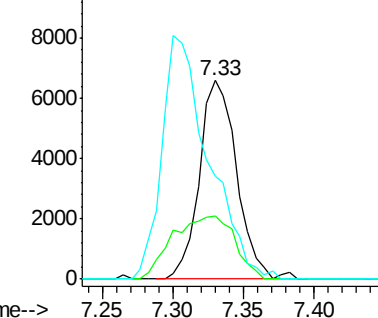
94 100

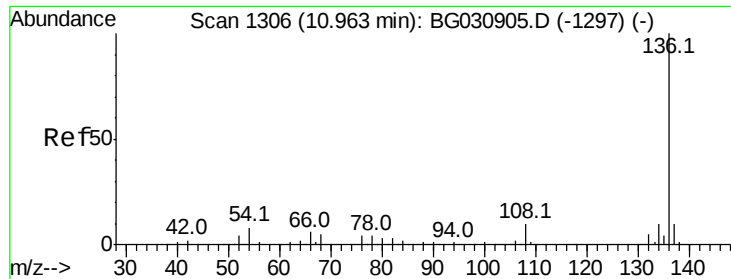
65 31.6 11.9 51.9

66 52.0 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

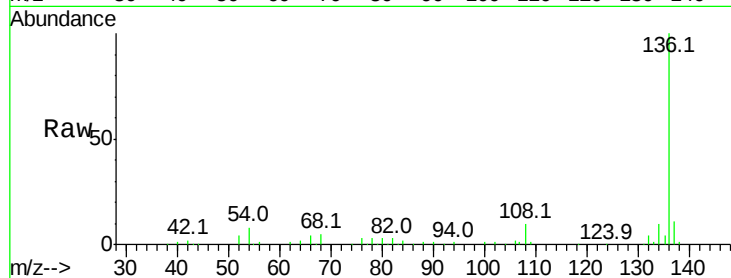




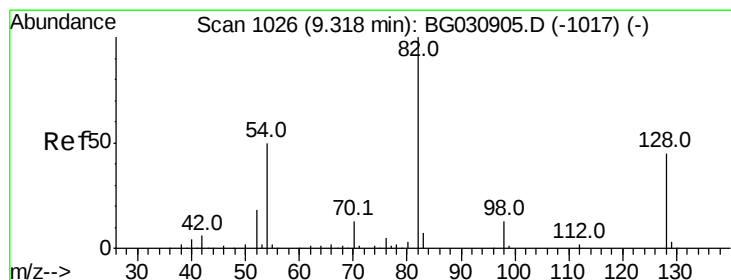
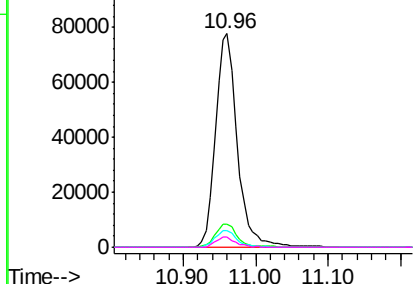
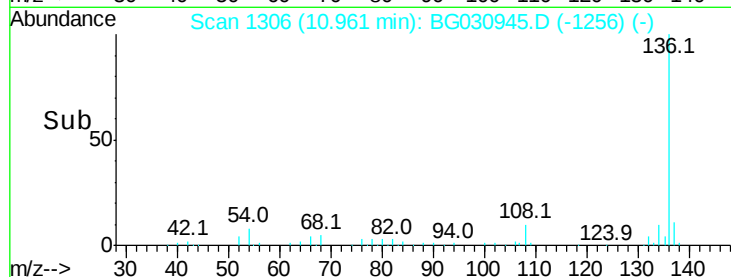
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BG030945.D
Acq: 11 Nov 2017 15:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	160995
Ion	Ratio	Lower Upper
136	100	
137	10.6	9.2 13.8
54	7.7	10.3 15.5#
68	4.8	4.5 6.7

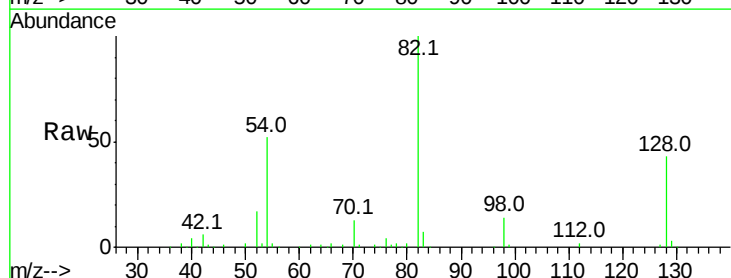


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

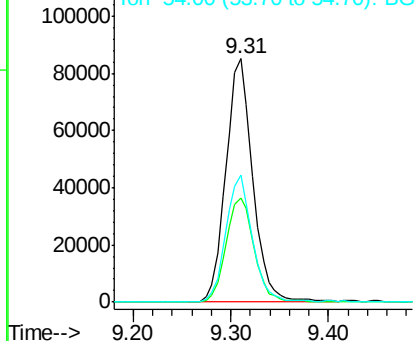
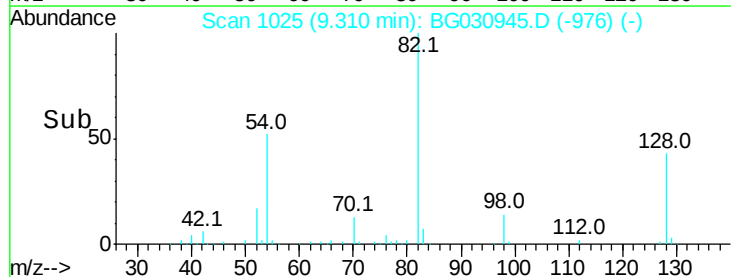


#23
Nitrobenzene-d5
Concen: 59.798 ng
RT: 9.31 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BG030945.D
Acq: 11 Nov 2017 15:53

Tgt Ion: 82	Resp:	162467
Ion	Ratio	Lower Upper
82	100	
128	42.9	29.7 44.5
54	52.3	43.1 64.7



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: 20.000 ng

RT: 14.76 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BG030945.D

Acq: 11 Nov 2017 15:53

Instrument :

BNA_G

ClientSampleId :

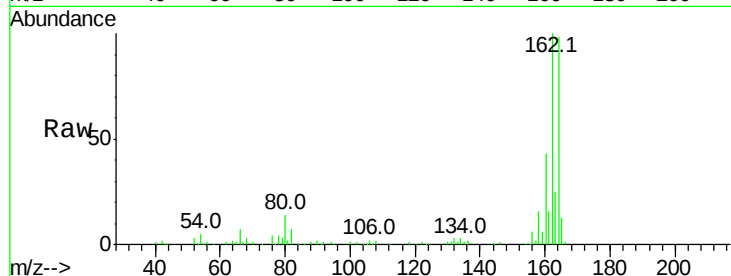
Tot Ion:164 Resp: 111202

Ion Ratio Lower Upper

164 100

162 102.2 78.8 118.2

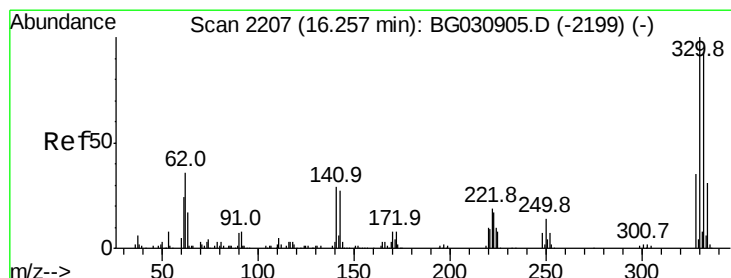
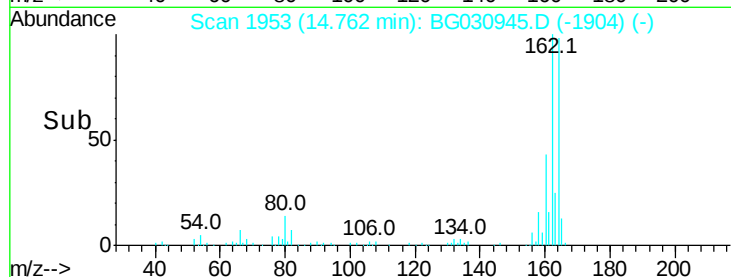
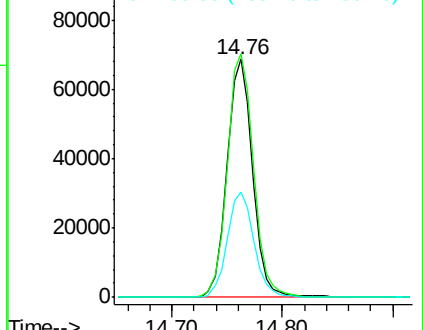
160 44.2 35.4 53.0



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: 86.362 ng

RT: 16.25 min Scan# 2206

Delta R.T. -0.01 min

Lab File: BG030945.D

Acq: 11 Nov 2017 15:53

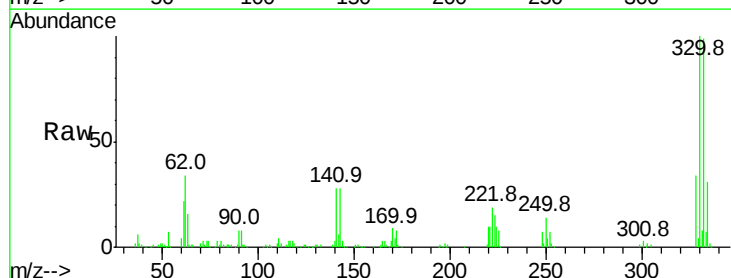
Tgt Ion:330 Resp: 155355

Ion Ratio Lower Upper

330 100

332 94.9 77.0 115.6

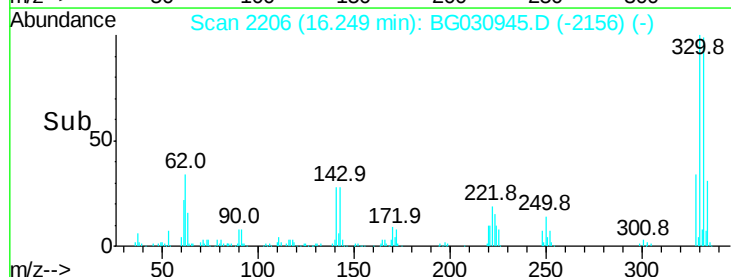
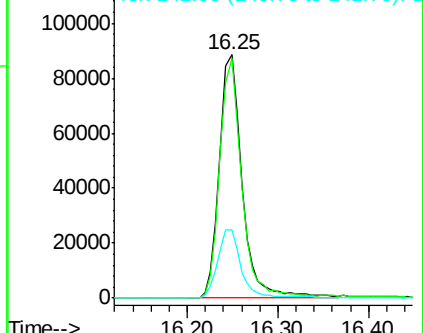
141 29.0 25.2 37.8

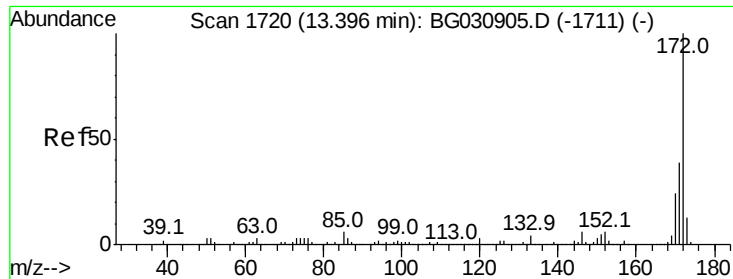


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

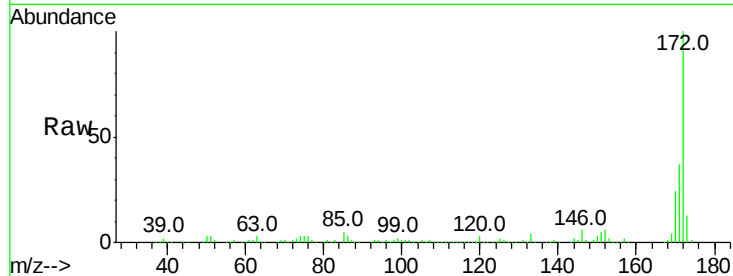




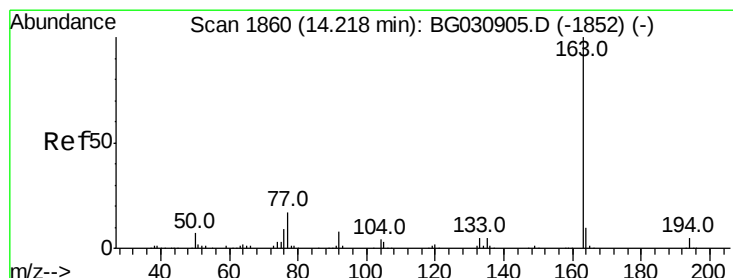
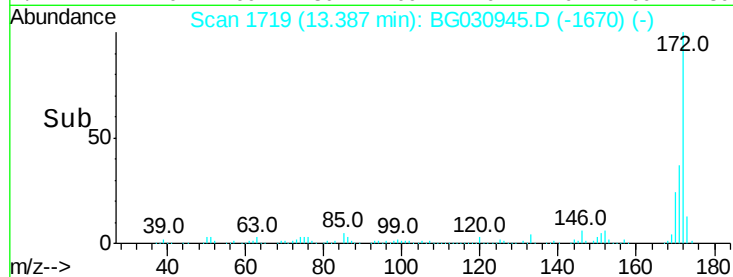
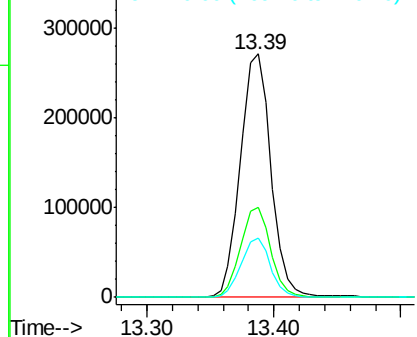
#44
 2-Fluorobiphenyl
 Concen: 58.804 ng
 RT: 13.39 min Scan# 1719
 Delta R.T. -0.01 min
 Lab File: BG030945.D
 Acq: 11 Nov 2017 15:53

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.0	45.0
170	24.2	19.5	29.3

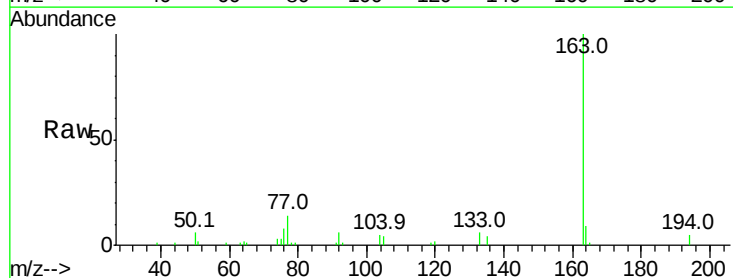


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

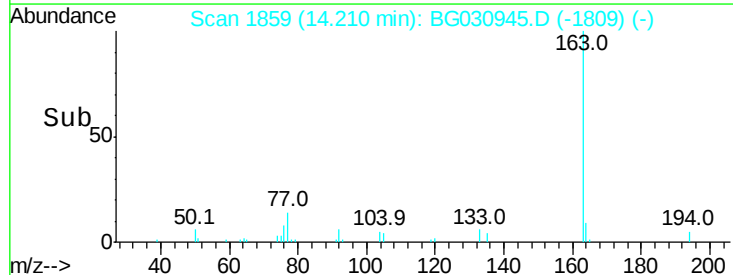
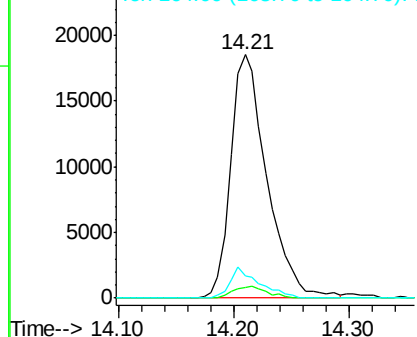


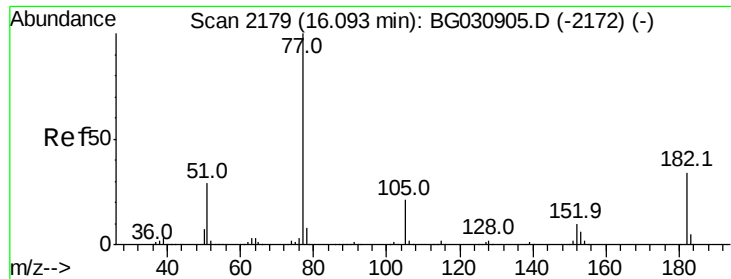
#49
 Dimethylphthalate
 Concen: 4.180 ng
 RT: 14.21 min Scan# 1859
 Delta R.T. -0.01 min
 Lab File: BG030945.D
 Acq: 11 Nov 2017 15:53

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.2
164	9.3	8.2	12.4



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





#62

Azobenzene

Concen: 2.950 ng

RT: 16.11 min Scan# 2182

Delta R.T. 0.01 min

Lab File: BG030945.D

Acq: 11 Nov 2017 15:53

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 21975

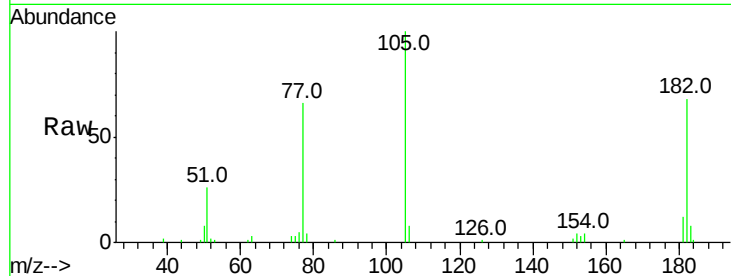
Ion Ratio Lower Upper

77 100

182 103.4 7.4 47.4#

105 152.1 0.3 40.3#

51 39.0 11.6 51.6

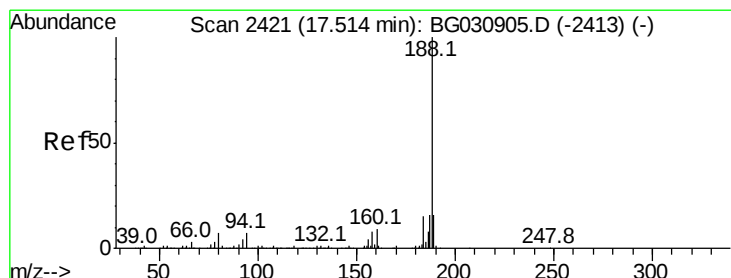
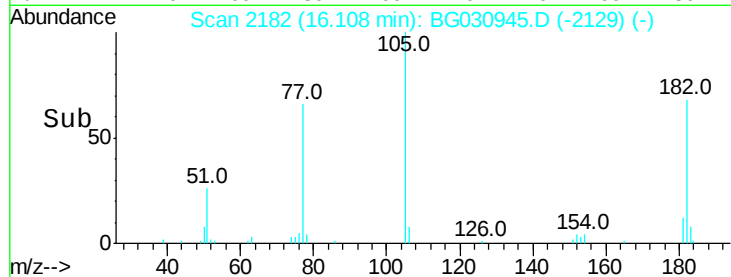
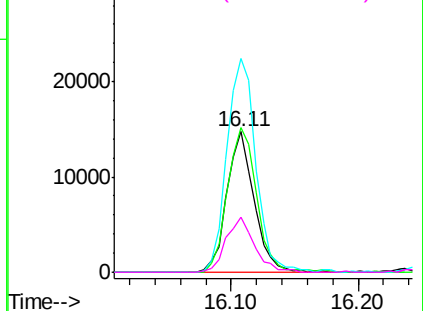


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.50 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BG030945.D

Acq: 11 Nov 2017 15:53

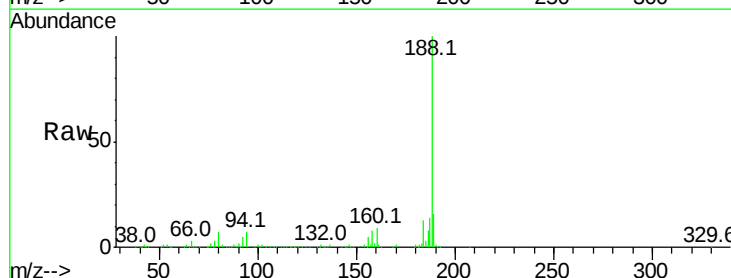
Tgt Ion: 188 Resp: 301274

Ion Ratio Lower Upper

188 100

94 6.8 6.9 10.3#

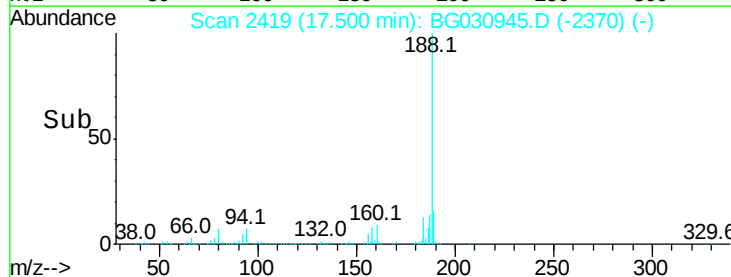
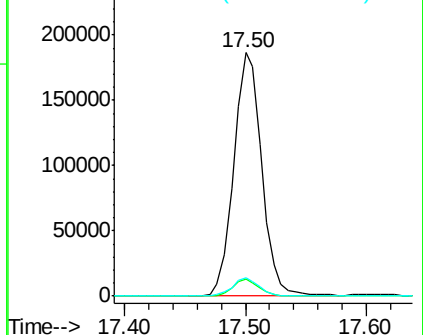
80 7.3 7.7 11.5#

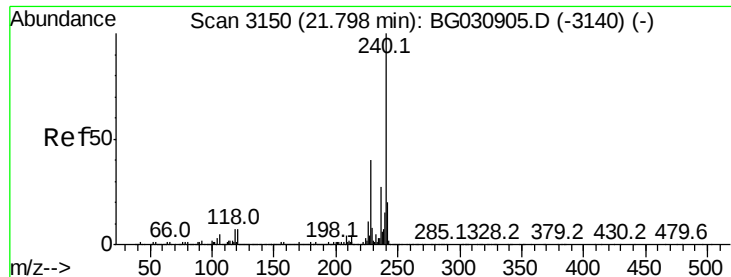


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG030945.D

Acq: 11 Nov 2017 15:53

Instrument :

BNA_G

ClientSampleId :

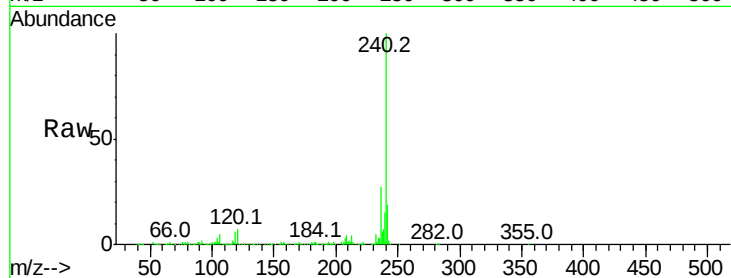
Tot Ion:240 Resp: 413051

Ion Ratio Lower Upper

240 100

120 6.9 6.8 10.2

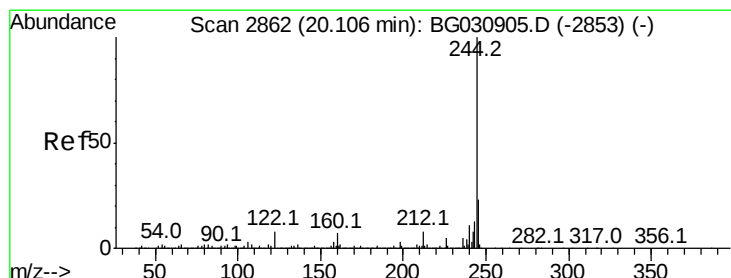
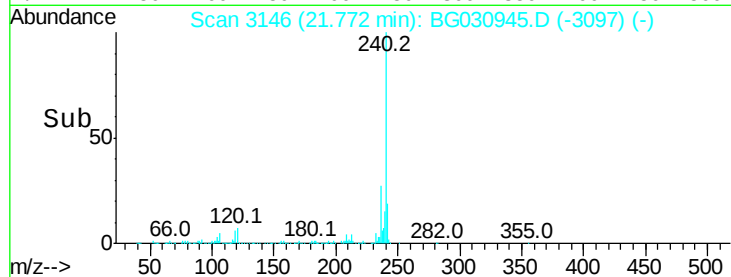
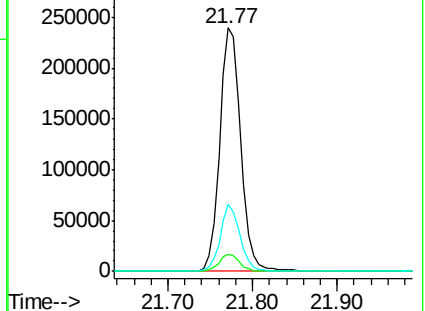
236 27.4 20.9 31.3



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: 49.910 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG030945.D

Acq: 11 Nov 2017 15:53

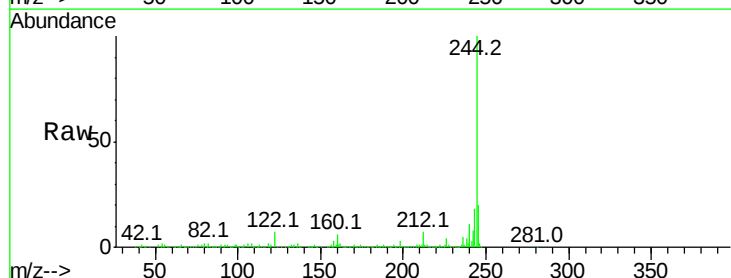
Tgt Ion:244 Resp: 933631

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

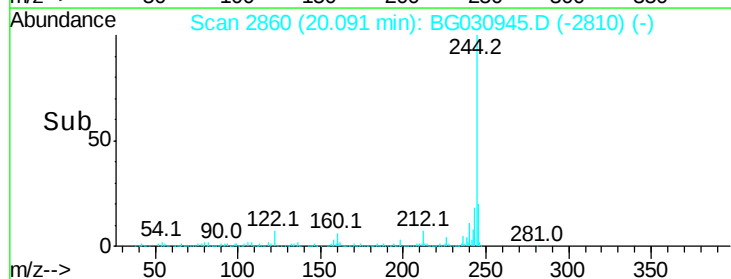
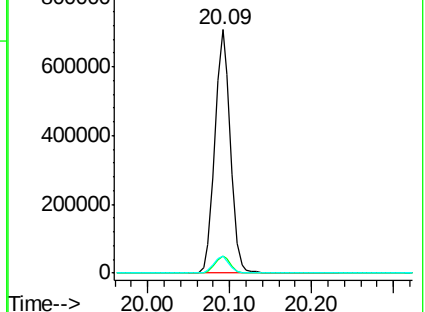
122 7.1 7.0 10.4

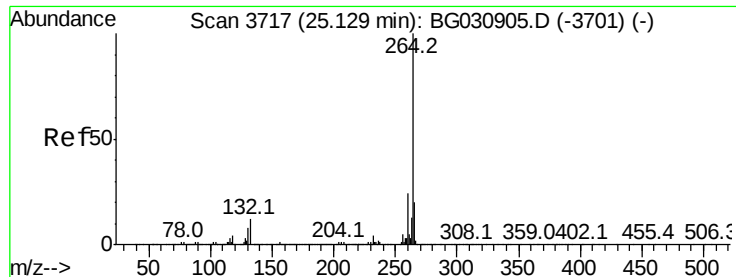


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

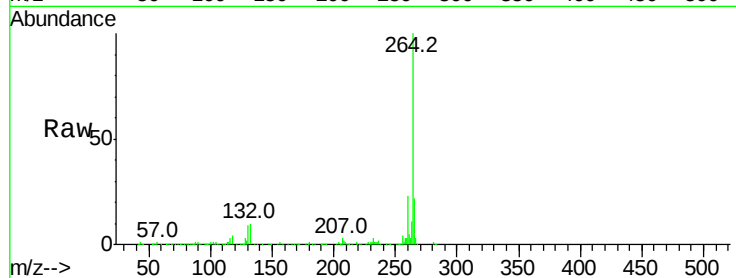




#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.07 min Scan# 3707
Delta R.T. -0.02 min
Lab File: BG030945.D
Acq: 11 Nov 2017 15:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.4	26.0
265	21.7	17.7	26.5



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

