

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101717\
 Data File : BG029305.D
 Acq On : 17 Oct 2017 17:33
 Operator : SJ/JU
 Sample : I5794-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 18 00:52:38 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 17:32:15 2017
 Response via : Initial Calibration

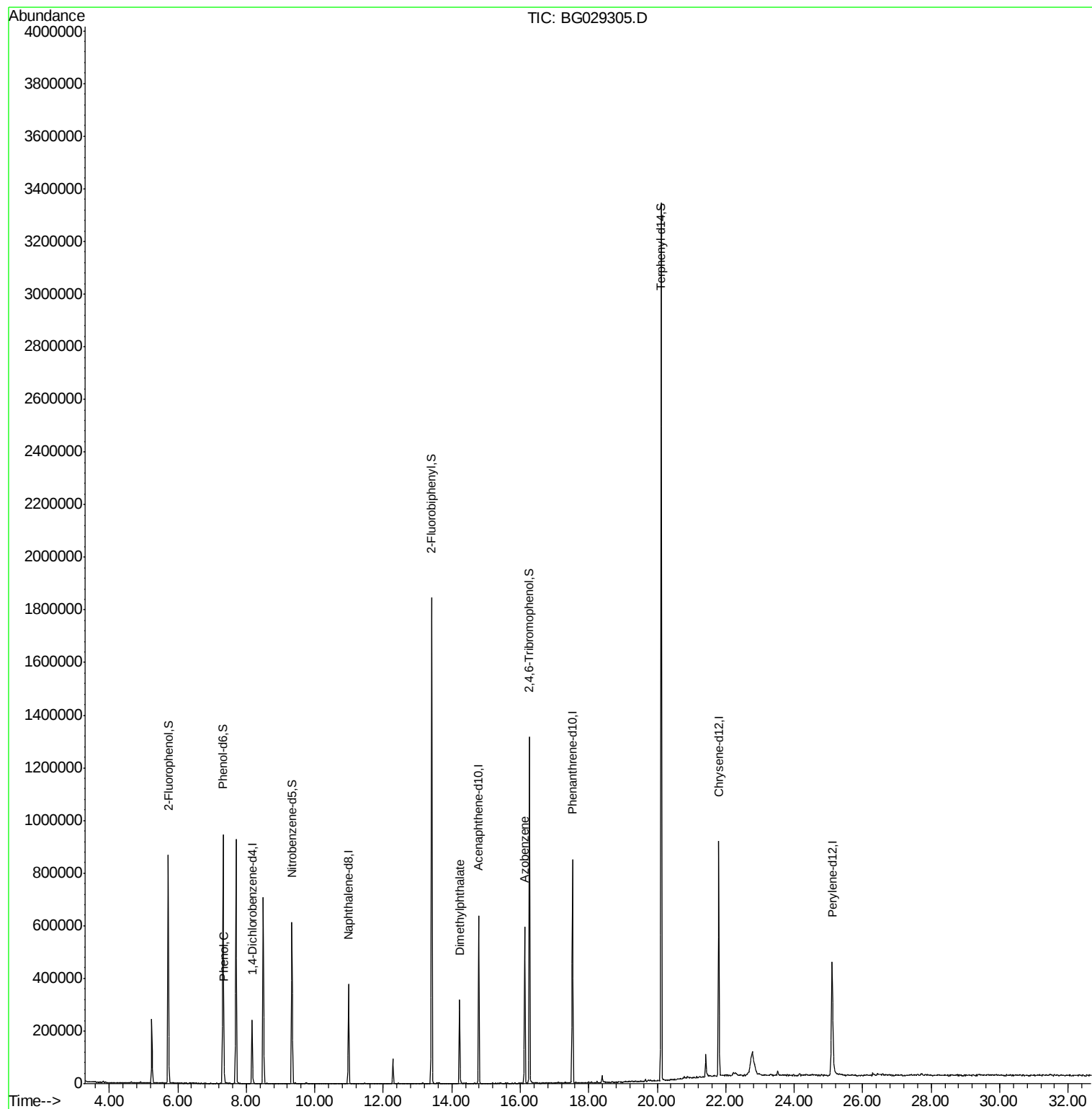
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	71602	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	342910	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	222957	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	516547	20.00	ng	0.00
75) Chrysene-d12	21.80	240	547211	20.00	ng	0.00
86) Perylene-d12	25.10	264	548258	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	393133	91.72	ng	0.00
7) Phenol-d6	7.32	99	581780	96.70	ng	0.00
23) Nitrobenzene-d5	9.33	82	363024	67.27	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	261668	90.90	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	998771	65.70	ng	0.00
78) Terphenyl-d14	20.12	244	1498993	62.32	ng	0.00
Target Compounds						
10) Phenol	7.35	94	31272	4.82	ng	96
49) Dimethylphthalate	14.23	163	224766	12.92	ng	99
62) Azobenzene	16.13	77	167025	11.42	ng	# 1

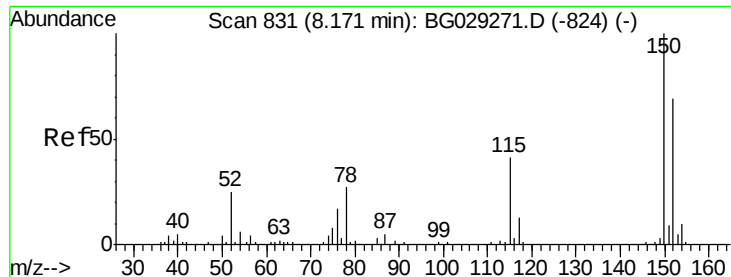
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.17 min Scan# 831

Delta R.T. 0.00 min

Lab File: BG029305.D

Acq: 17 Oct 2017 17:33

Instrument :

BNA_G

ClientSampleId :

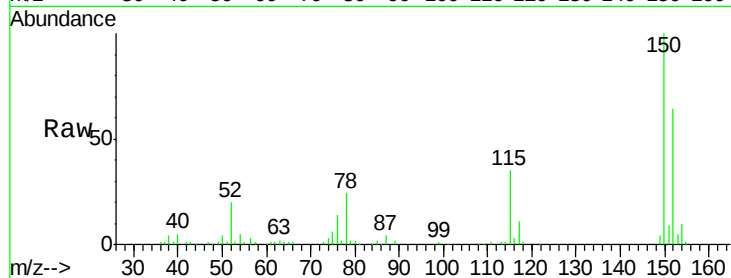
Tot Ion:152 Resp: 71602

Ion Ratio Lower Upper

152 100

150 156.0 126.6 189.8

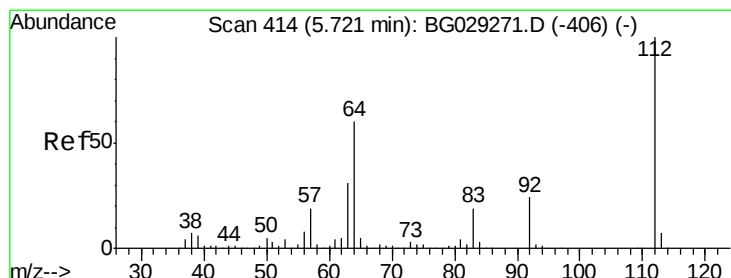
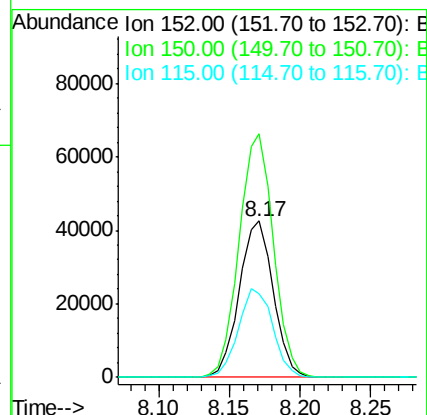
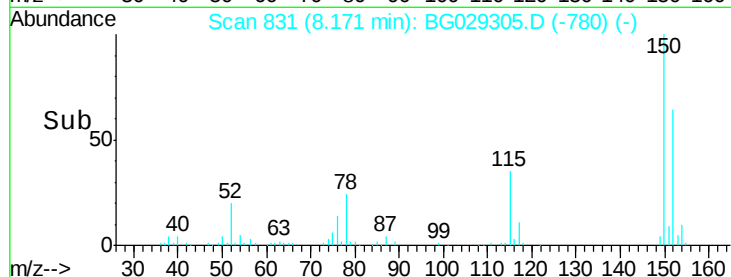
115 54.0 53.0 79.4



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: 91.72 ng

RT: 5.72 min Scan# 414

Delta R.T. 0.00 min

Lab File: BG029305.D

Acq: 17 Oct 2017 17:33

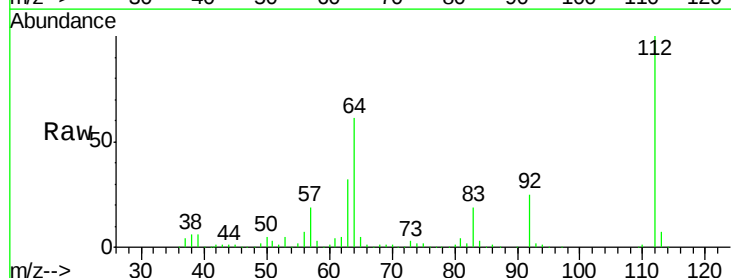
Tgt Ion:112 Resp: 393133

Ion Ratio Lower Upper

112 100

64 60.6 56.3 84.5

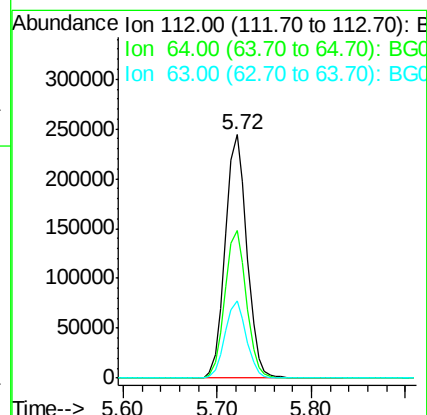
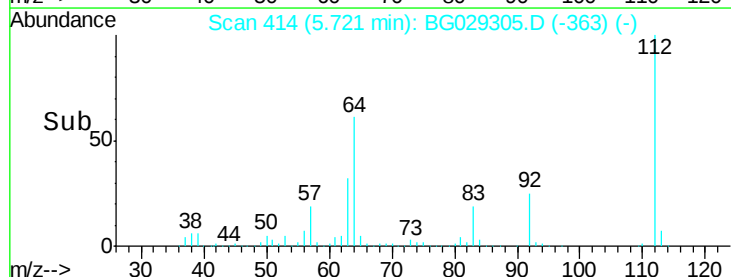
63 31.5 30.1 45.1

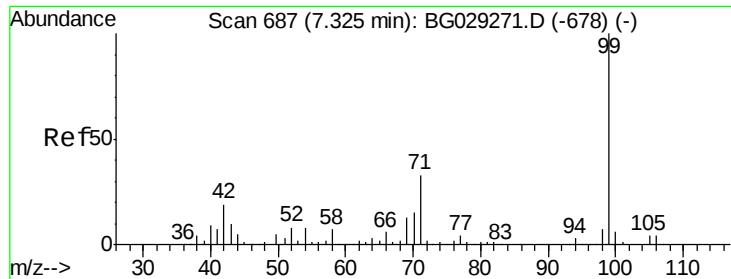


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 96.70 ng

RT: 7.32 min Scan# 687

Delta R.T. 0.00 min

Lab File: BG029305.D

Acq: 17 Oct 2017 17:33

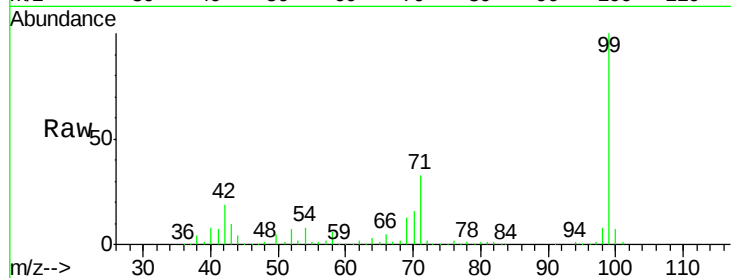
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 581780

Ion	Ratio	Lower	Upper
99	100		
42	19.1	14.1	21.1
71	33.5	26.1	39.1

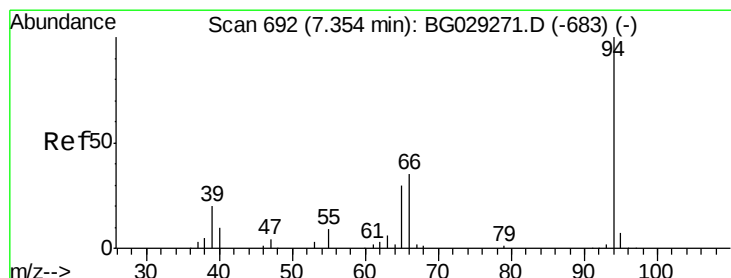
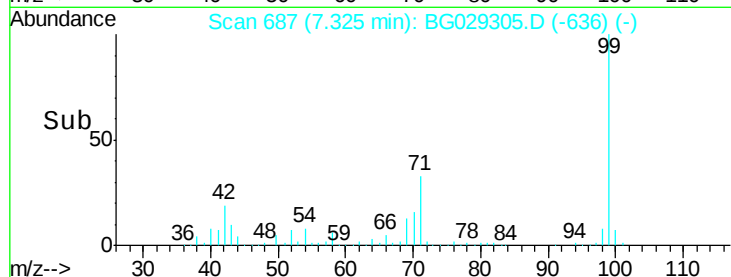
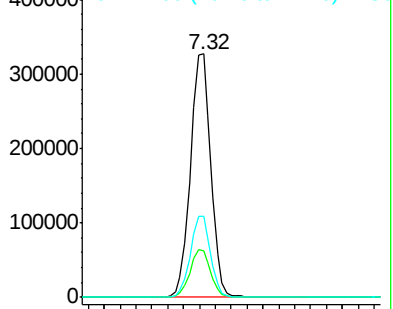


Abundance

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: 4.82 ng

RT: 7.35 min Scan# 691

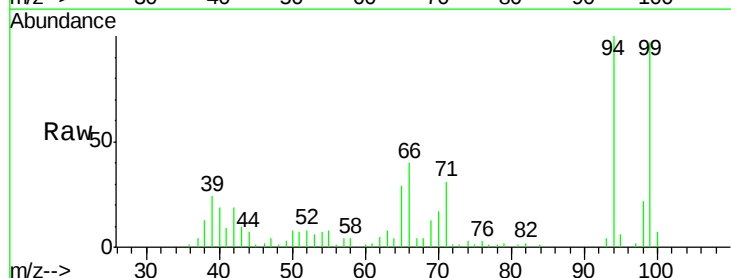
Delta R.T. -0.01 min

Lab File: BG029305.D

Acq: 17 Oct 2017 17:33

Tgt Ion: 94 Resp: 31272

Ion	Ratio	Lower	Upper
94	100		
65	29.4	11.9	51.9
66	40.1	22.2	62.2

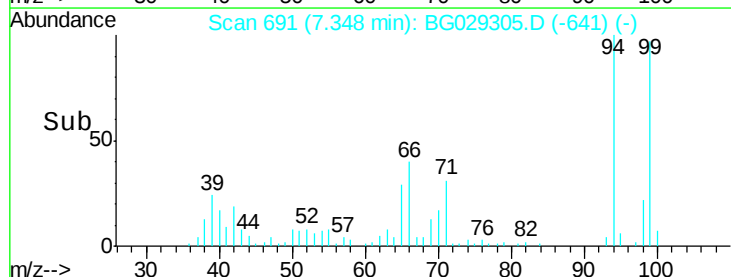
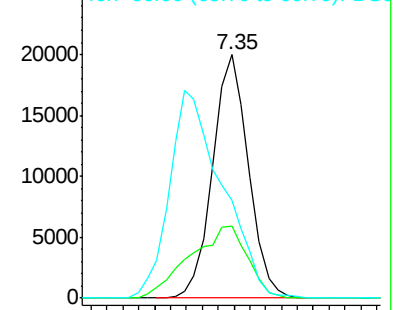


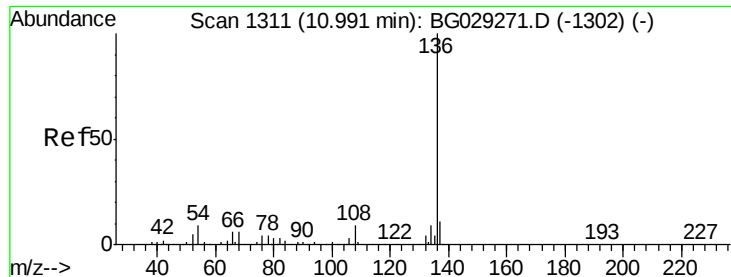
Abundance

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: 20.00 ng

RT: 10.99 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BG029305.D

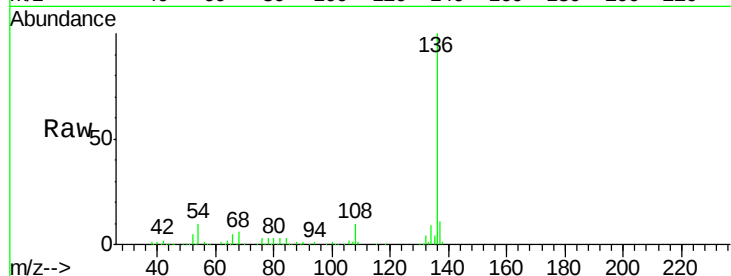
Acq: 17 Oct 2017 17:33

Instrument :

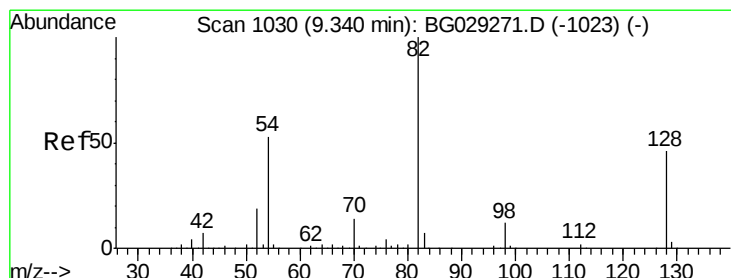
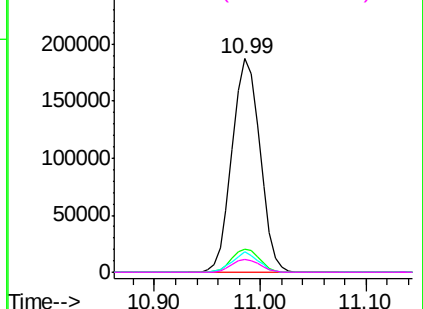
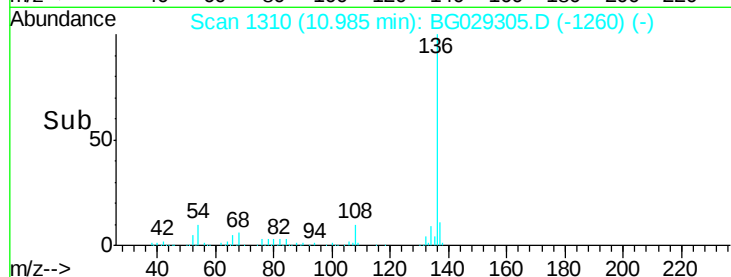
BNA_G

ClientSampleId :

Tot Ion:	136	Resp:	342910
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	9.5	10.3	15.5#
68	5.9	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: 67.27 ng

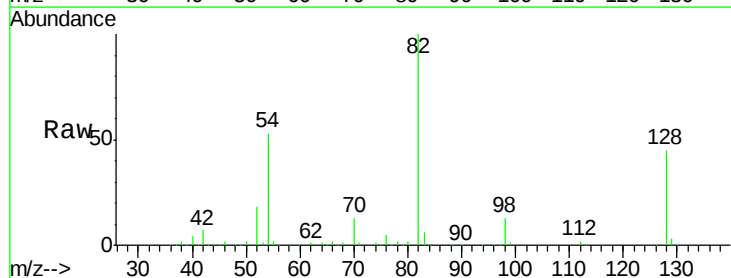
RT: 9.33 min Scan# 1029

Delta R.T. -0.01 min

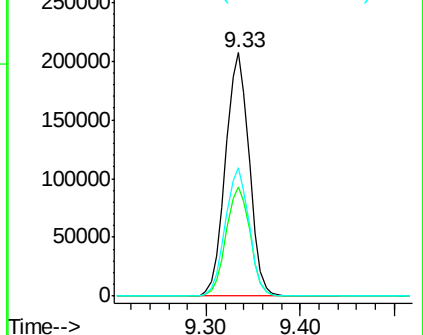
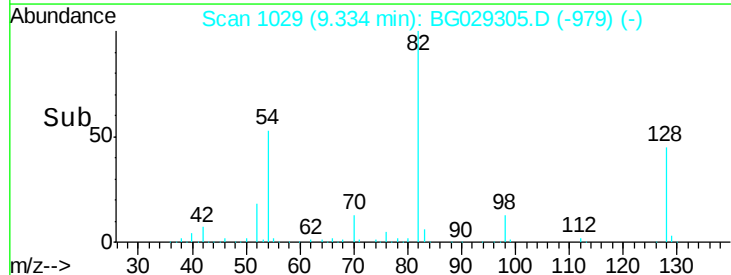
Lab File: BG029305.D

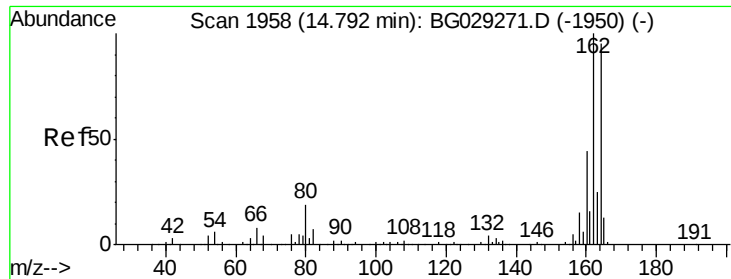
Acq: 17 Oct 2017 17:33

Tgt Ion:	82	Resp:	363024
Ion	Ratio	Lower	Upper
82	100		
128	44.8	29.7	44.5#
54	53.0	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: 20.00 ng

RT: 14.79 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG029305.D

Acq: 17 Oct 2017 17:33

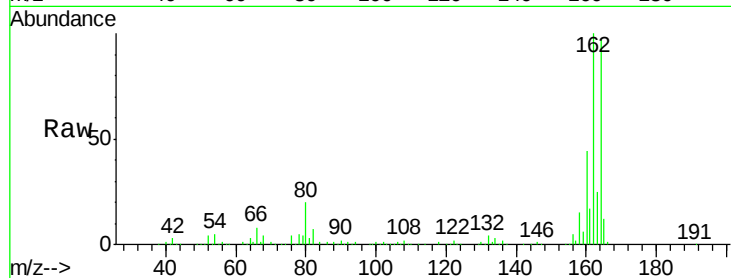
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 222957

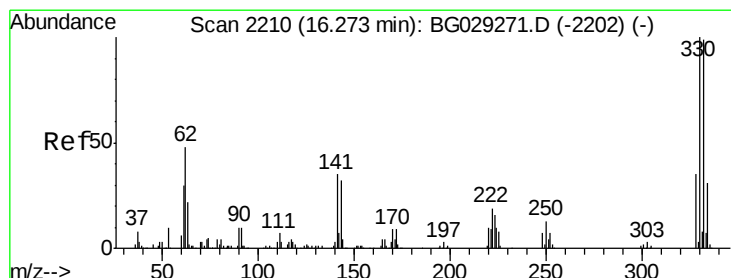
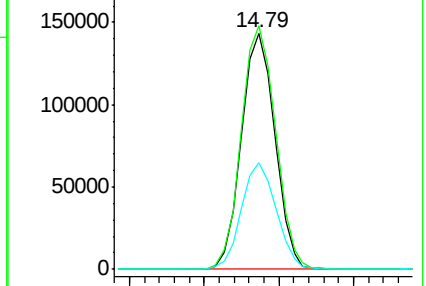
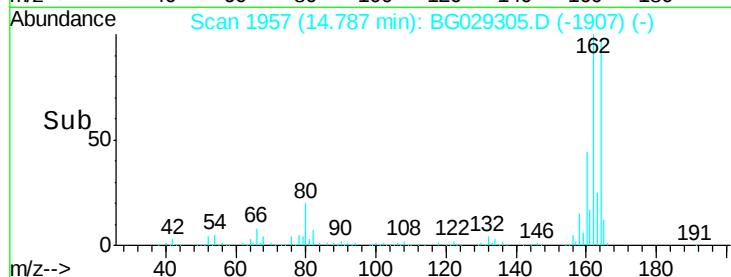
Ion	Ratio	Lower	Upper
164	100		
162	103.0	78.8	118.2
160	45.1	35.4	53.0



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: 90.90 ng

RT: 16.27 min Scan# 2209

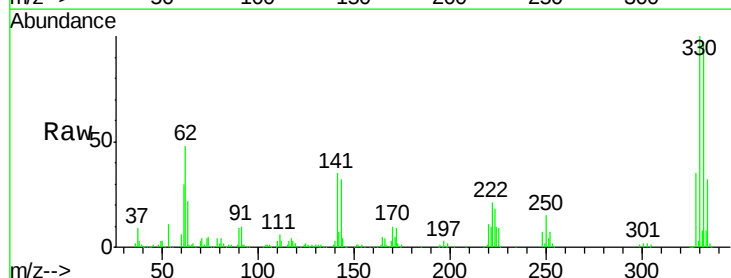
Delta R.T. -0.01 min

Lab File: BG029305.D

Acq: 17 Oct 2017 17:33

Tgt Ion:330 Resp: 261668

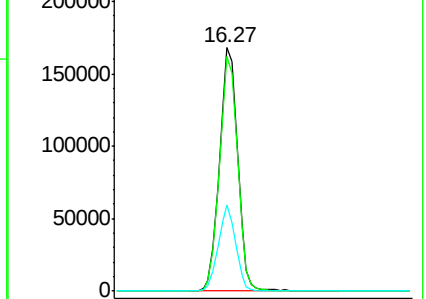
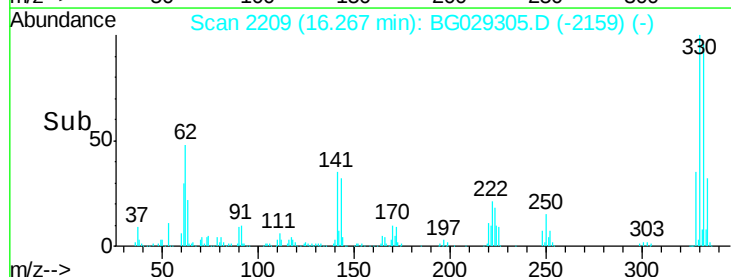
Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	33.6	25.2	37.8

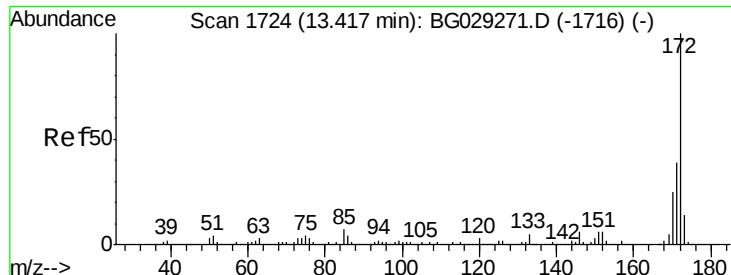


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

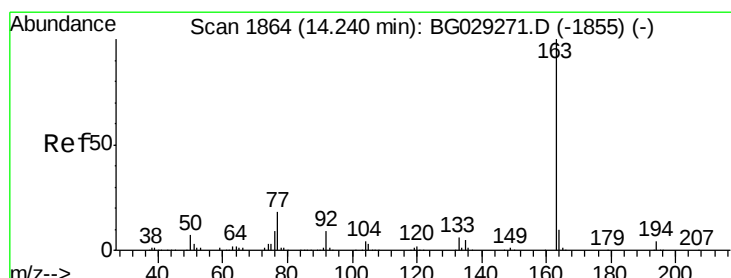
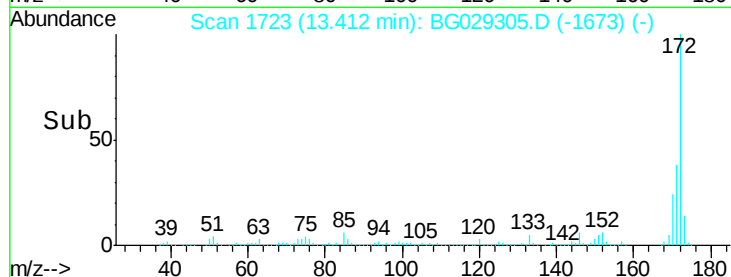
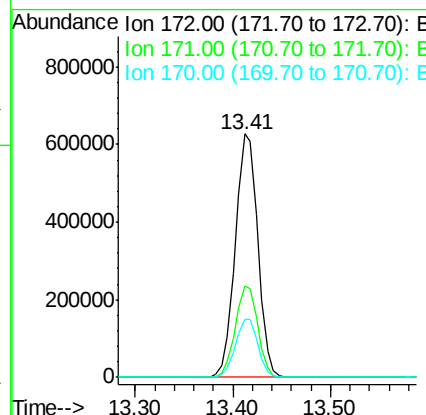
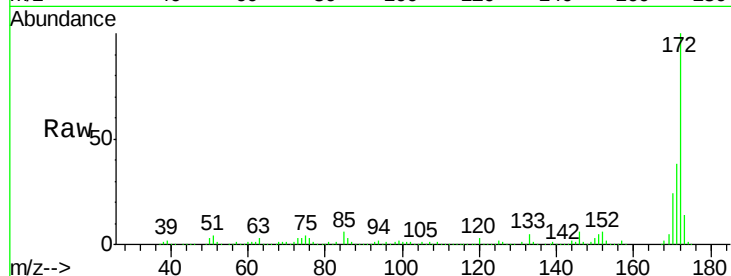




#44
2-Fluorobiphenyl
Concen: 65.70 ng
RT: 13.41 min Scan# 1723
Delta R.T. -0.01 min
Lab File: BG029305.D
Acq: 17 Oct 2017 17:33

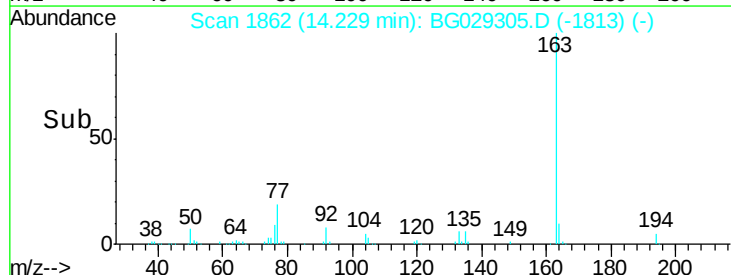
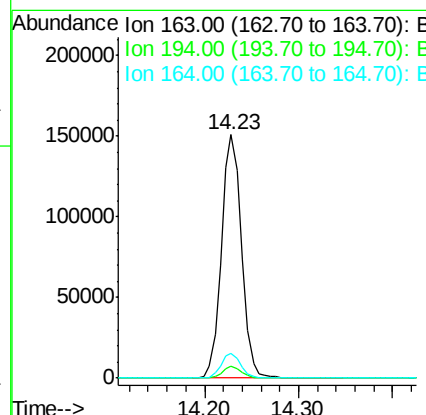
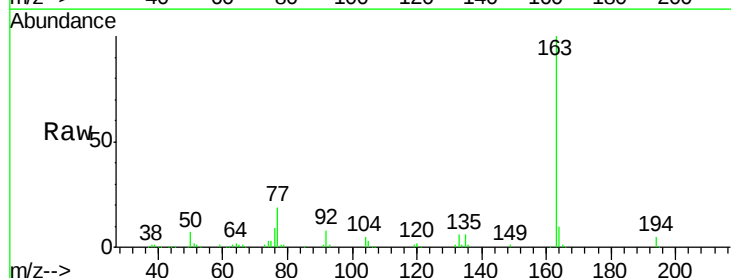
Instrument :
BNA_G
ClientSampleId :

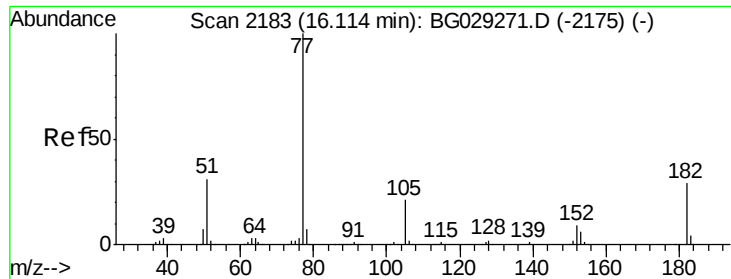
Tot Ion:172 Resp: 998771
Ion Ratio Lower Upper
172 100
171 37.6 30.0 45.0
170 23.9 19.5 29.3



#49
Dimethylphthalate
Concen: 12.92 ng
RT: 14.23 min Scan# 1862
Delta R.T. -0.01 min
Lab File: BG029305.D
Acq: 17 Oct 2017 17:33

Tgt Ion:163 Resp: 224766
Ion Ratio Lower Upper
163 100
194 5.0 3.4 5.2
164 9.9 8.2 12.4





#62

Azobenzene

Concen: 11.42 ng

RT: 16.13 min Scan# 2186

Delta R.T. 0.02 min

Lab File: BG029305.D

Acq: 17 Oct 2017 17:33

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 167025

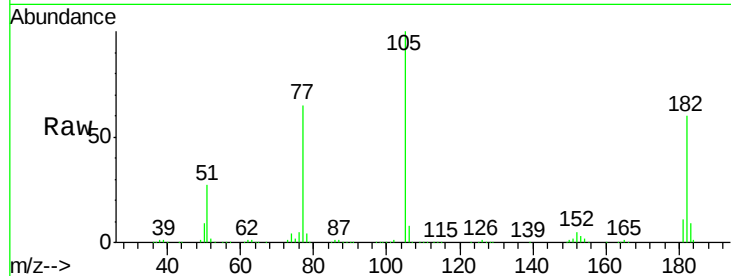
Ion Ratio Lower Upper

77 100

182 91.4 7.4 47.4#

105 153.6 0.3 40.3#

51 40.9 11.6 51.6

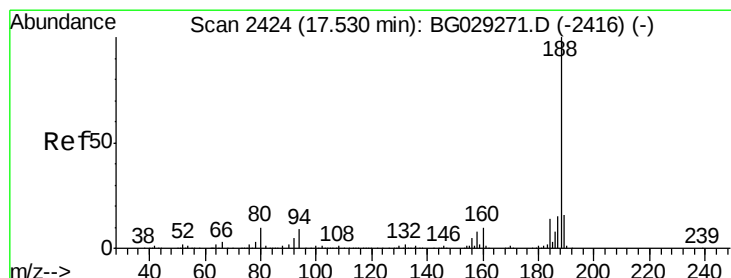
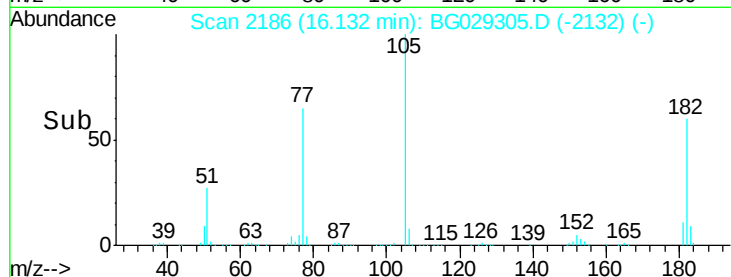
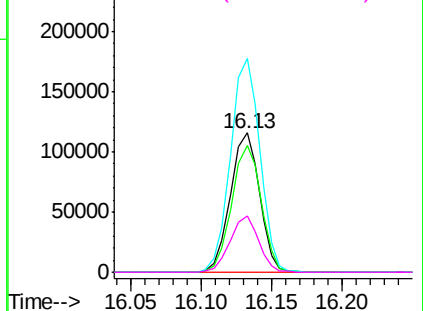


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 20.00 ng

RT: 17.52 min Scan# 2423

Delta R.T. -0.01 min

Lab File: BG029305.D

Acq: 17 Oct 2017 17:33

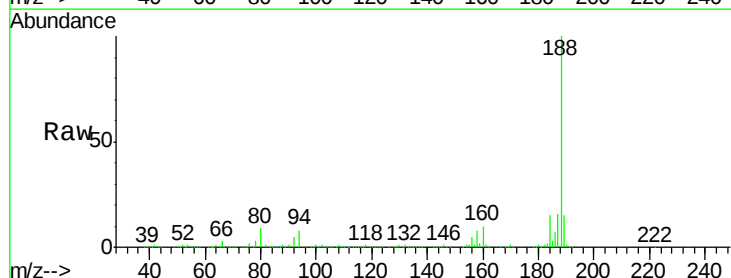
Tgt Ion: 188 Resp: 516547

Ion Ratio Lower Upper

188 100

94 8.1 6.9 10.3

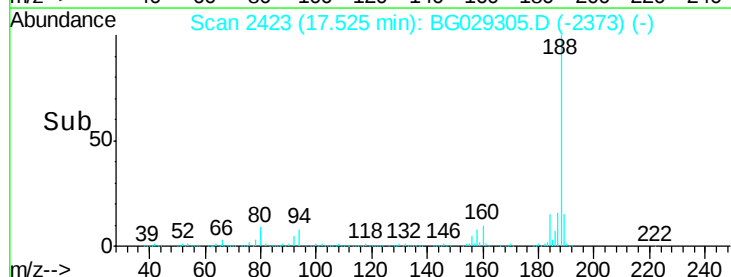
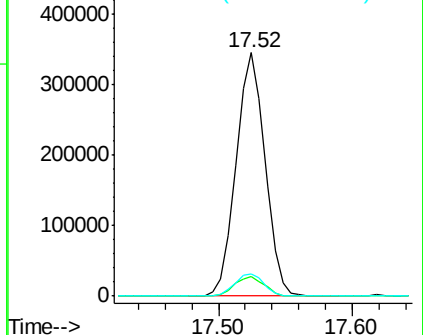
80 9.1 7.7 11.5

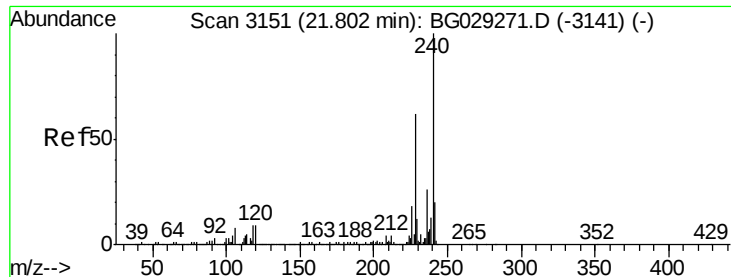


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.80 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG029305.D

Acq: 17 Oct 2017 17:33

Instrument :

BNA_G

ClientSampleId :

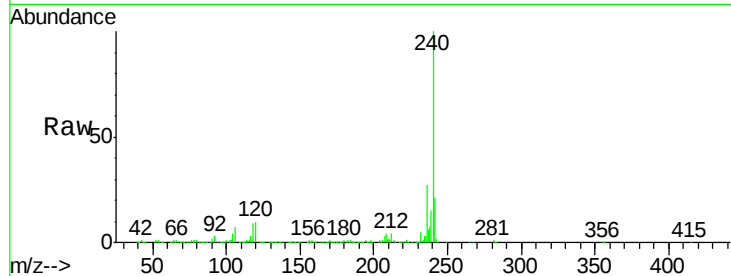
Tot Ion:240 Resp: 547211

Ion Ratio Lower Upper

240 100

120 9.5 6.8 10.2

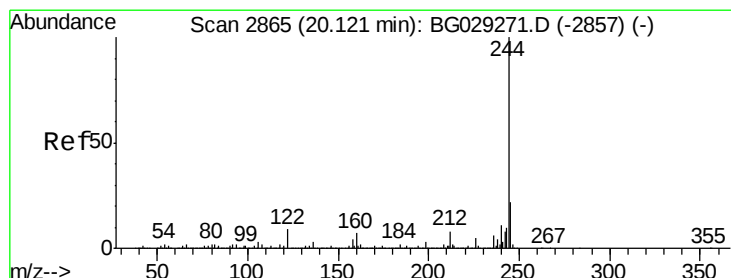
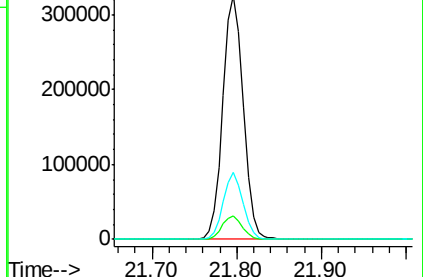
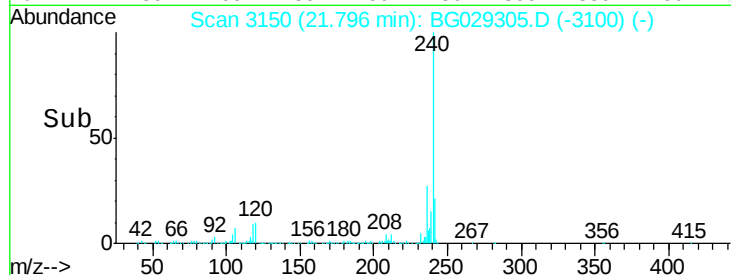
236 27.4 20.9 31.3



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: 62.32 ng

RT: 20.12 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BG029305.D

Acq: 17 Oct 2017 17:33

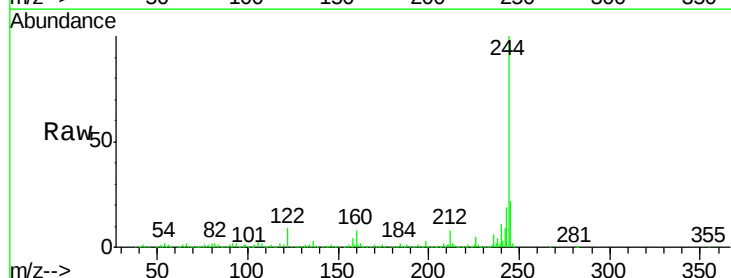
Tgt Ion:244 Resp: 1498993

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.8

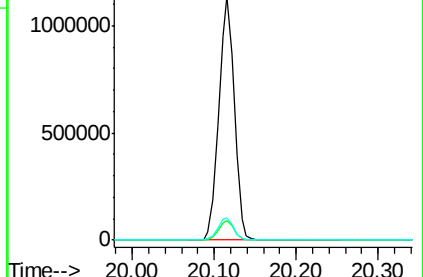
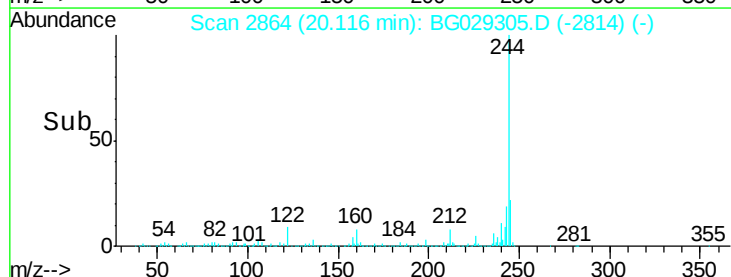
122 9.3 7.0 10.4

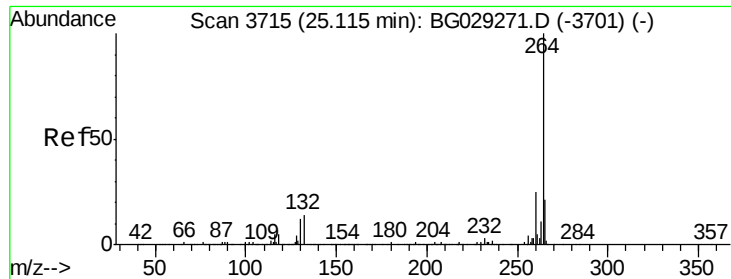


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.10 min Scan# 3713
Delta R.T. -0.01 min
Lab File: BG029305.D
Acq: 17 Oct 2017 17:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.4	26.0
265	21.5	17.7	26.5

