

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101817\
 Data File : BG029345.D
 Acq On : 18 Oct 2017 23:50
 Operator : SJ/JU
 Sample : I5836-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 19 00:35:40 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

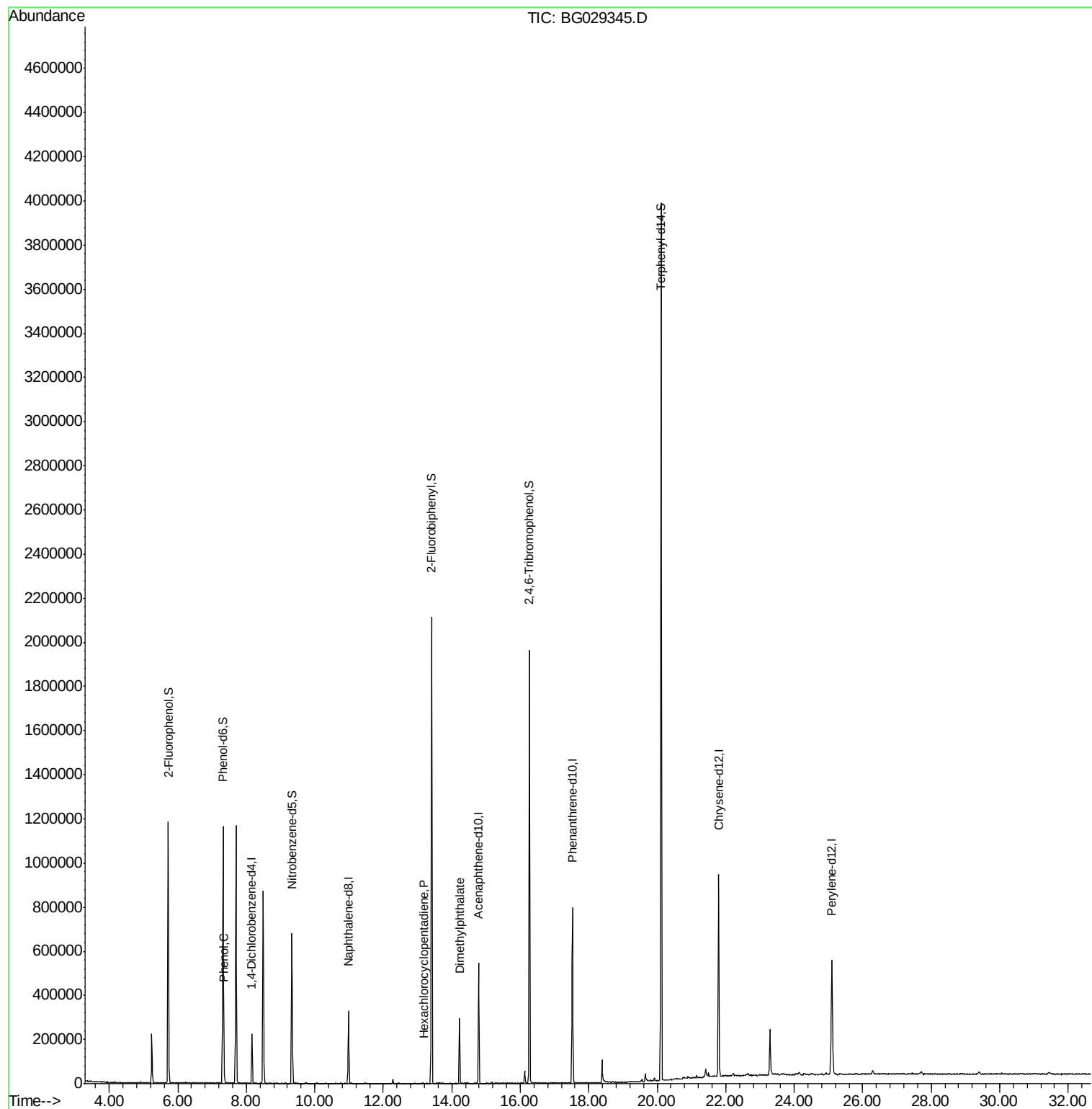
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	64197	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	286553	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	190319	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	494884	20.00	ng	0.00
75) Chrysene-d12	21.79	240	552847	20.00	ng	-0.01
86) Perylene-d12	25.10	264	565807	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	536342	139.57	ng	0.00
7) Phenol-d6	7.32	99	718280	133.16	ng	0.00
23) Nitrobenzene-d5	9.33	82	418836	92.88	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	382346	155.60	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1111451	85.65	ng	0.00
78) Terphenyl-d14	20.11	244	1894603	77.96	ng	-0.01
Target Compounds						
10) Phenol	7.35	94	39168	6.735	ng	96
40) Hexachlorocyclopentadiene	13.18	237	59	4.681	ng	# 22
49) Dimethylphthalate	14.23	163	205740	13.855	ng	99

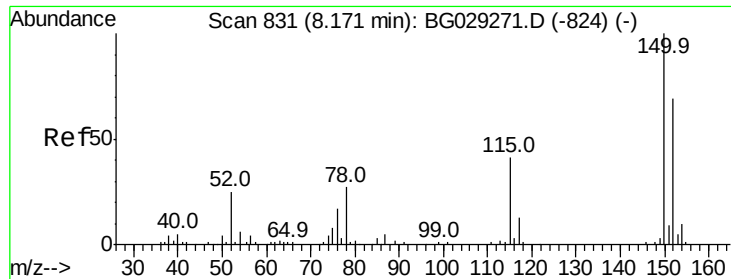
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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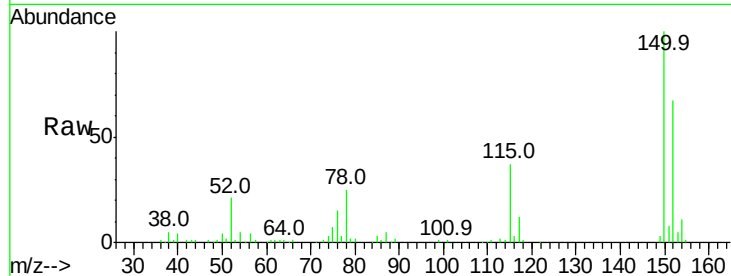


#1

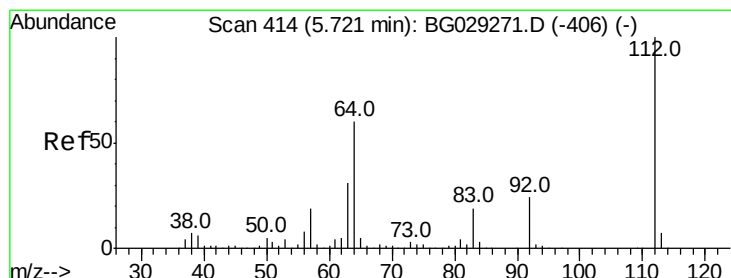
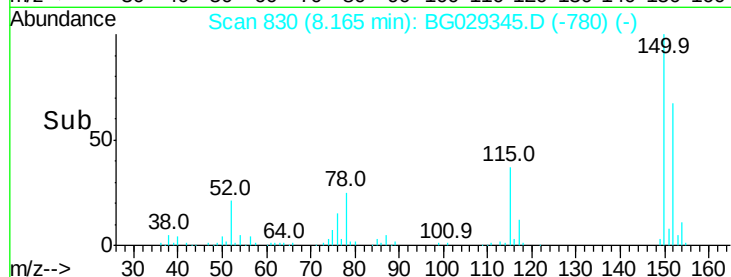
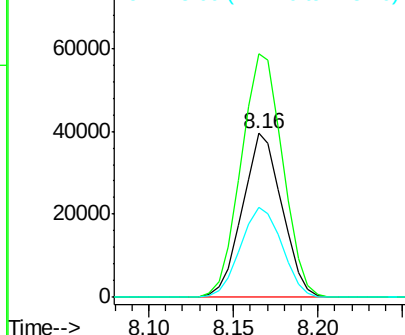
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 830
Delta R.T. -0.01 min
Lab File: BG029345.D
Acq: 18 Oct 2017 23:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 64197
Ion Ratio Lower Upper
152 100
150 148.6 126.6 189.8
115 55.2 53.0 79.4



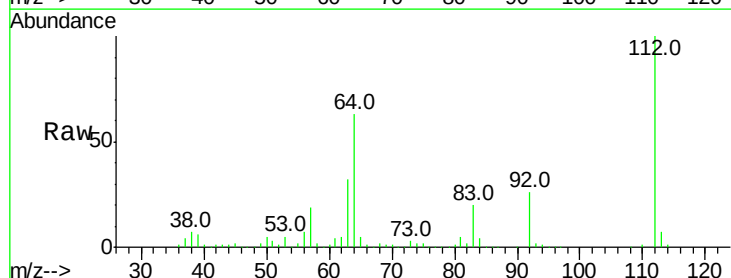
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



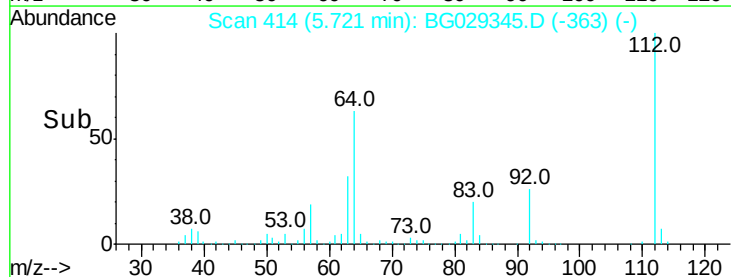
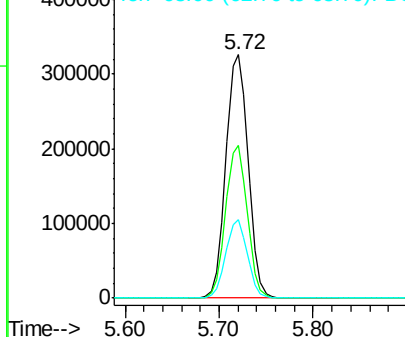
#5

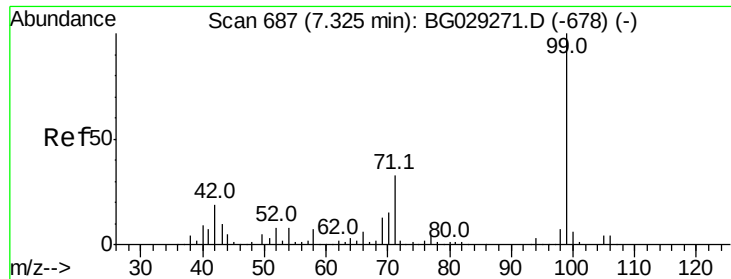
2-Fluorophenol
Concen: 139.568 ng
RT: 5.72 min Scan# 414
Delta R.T. 0.00 min
Lab File: BG029345.D
Acq: 18 Oct 2017 23:50

Tgt Ion:112 Resp: 536342
Ion Ratio Lower Upper
112 100
64 62.8 56.3 84.5
63 32.2 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: 133.161 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG029345.D

Acq: 18 Oct 2017 23:50

Instrument :

BNA_G

ClientSampleId :

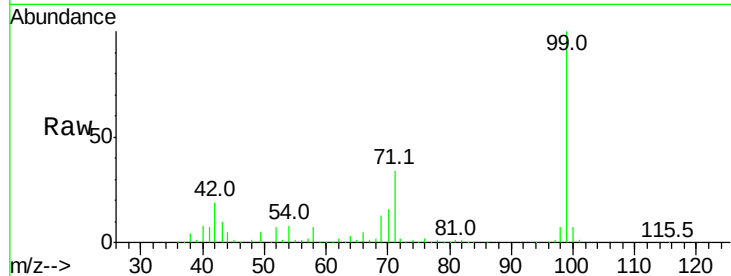
Tot Ion: 99 Resp: 718280

Ion Ratio Lower Upper

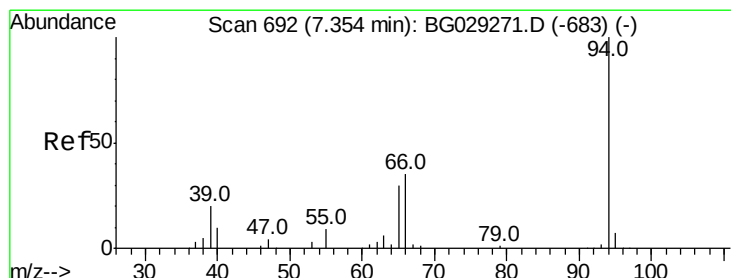
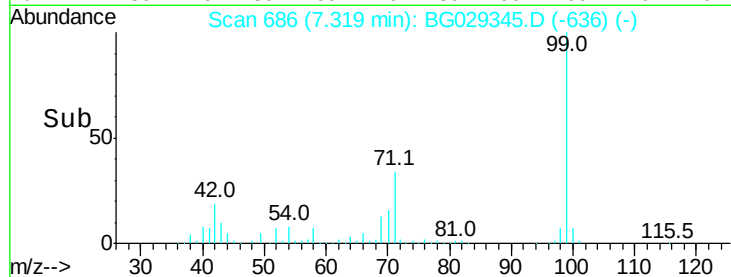
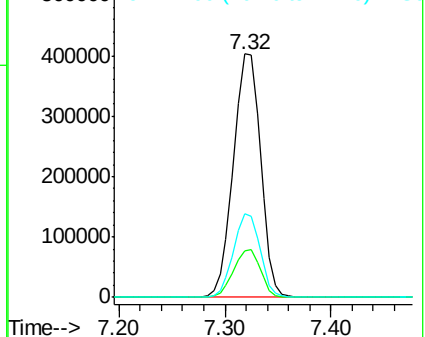
99 100

42 19.3 14.1 21.1

71 34.2 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: 6.735 ng

RT: 7.35 min Scan# 691

Delta R.T. -0.01 min

Lab File: BG029345.D

Acq: 18 Oct 2017 23:50

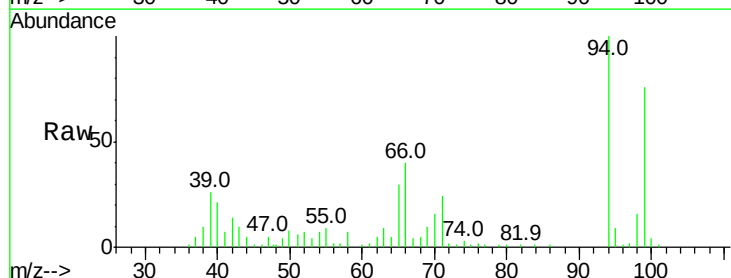
Tgt Ion: 94 Resp: 39168

Ion Ratio Lower Upper

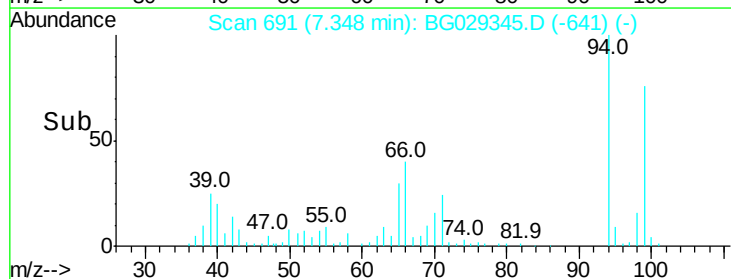
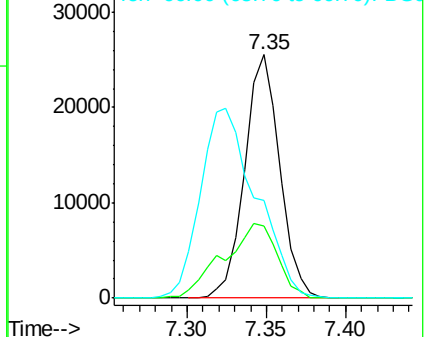
94 100

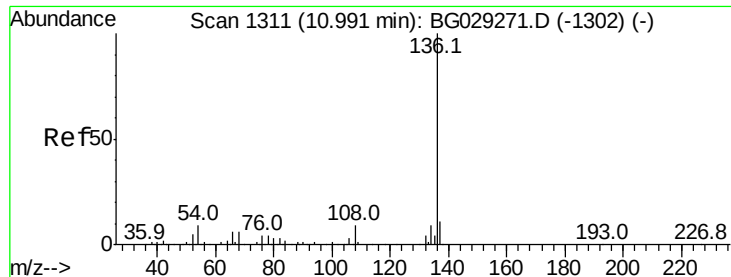
65 29.8 11.9 51.9

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

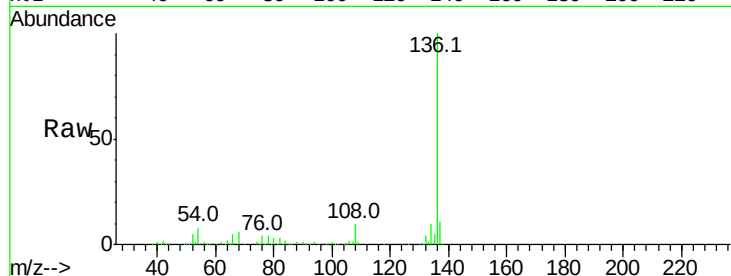




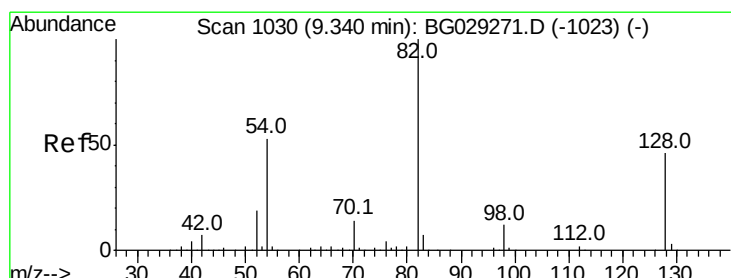
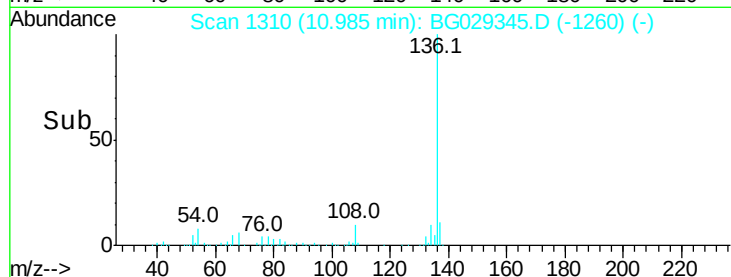
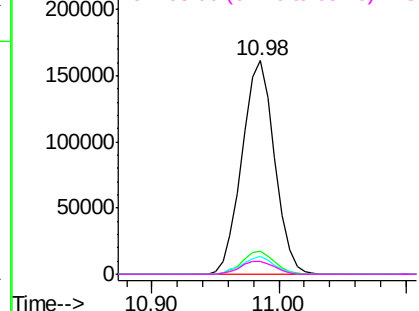
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG029345.D
Acq: 18 Oct 2017 23:50

Instrument :
BNA_G
ClientSampled :

Tot Ion:136	Resp:	286553
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.2 13.8
54	8.4	10.3 15.5#
68	5.8	4.5 6.7

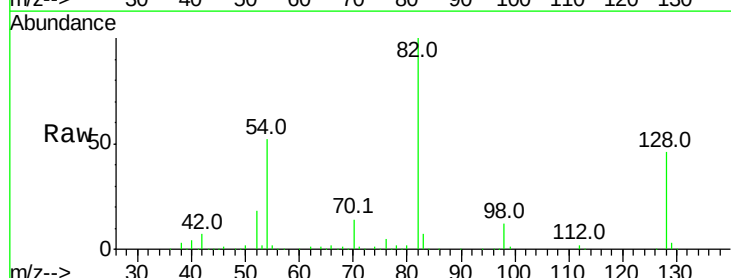


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

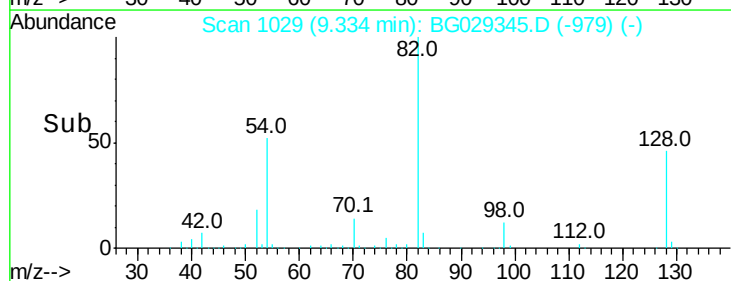
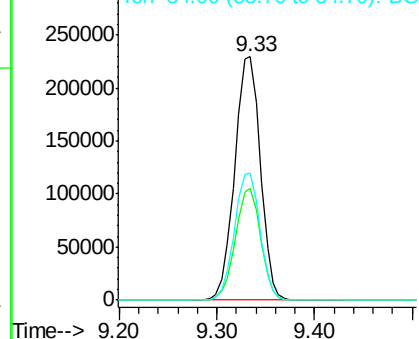


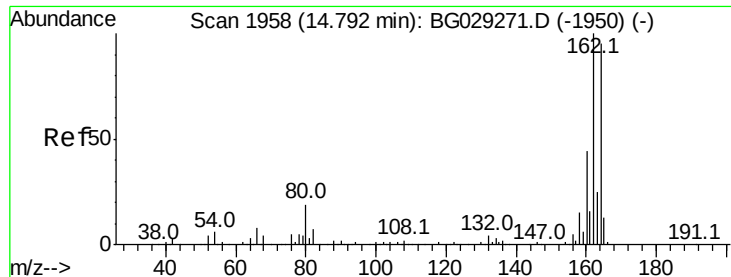
#23
Nitrobenzene-d5
Concen: 92.883 ng
RT: 9.33 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG029345.D
Acq: 18 Oct 2017 23:50

Tgt Ion: 82	Resp:	418836
Ion Ratio	Lower	Upper
82	100	
128	46.0	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): E
Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG029345.D

Acq: 18 Oct 2017 23:50

Instrument :

BNA_G

ClientSampleId :

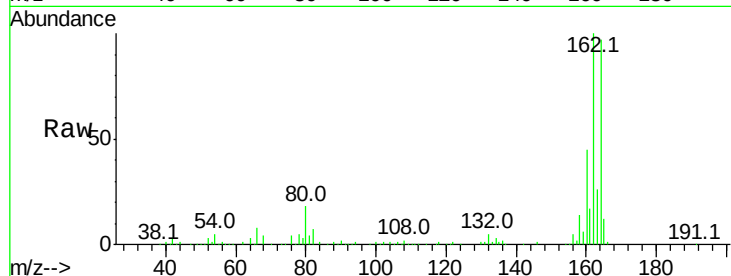
Tot Ion:164 Resp: 190319

Ion Ratio Lower Upper

164 100

162 102.6 78.8 118.2

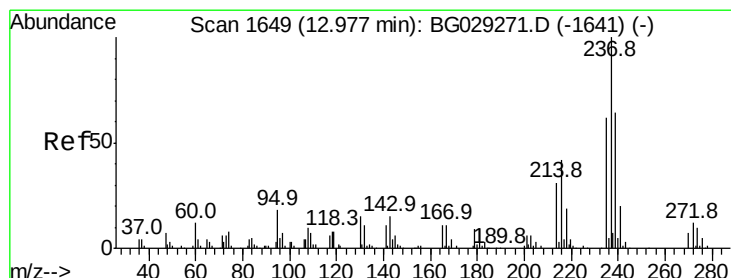
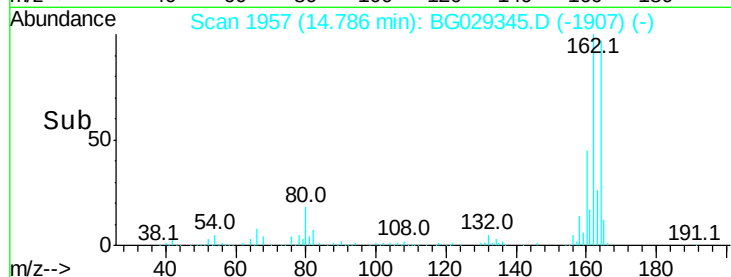
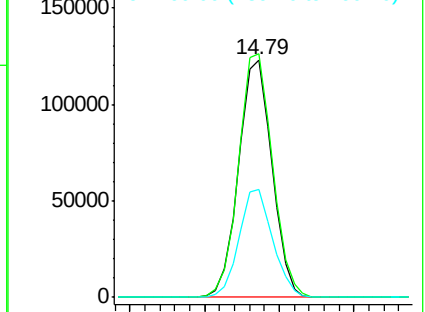
160 45.7 35.4 53.0



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



#40

Hexachlorocyclopentadiene

Concen: 4.681 ng

RT: 13.18 min Scan# 1684

Delta R.T. 0.21 min

Lab File: BG029345.D

Acq: 18 Oct 2017 23:50

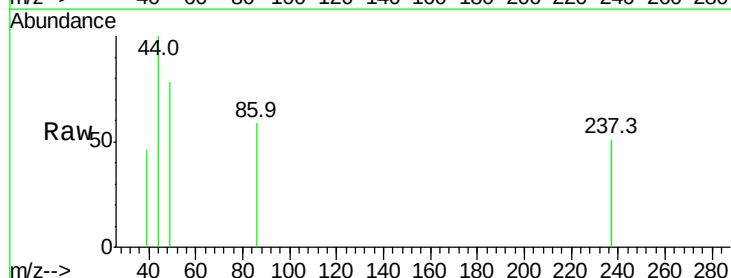
Tgt Ion:237 Resp: 59

Ion Ratio Lower Upper

237 100

235 0.0 50.4 90.4#

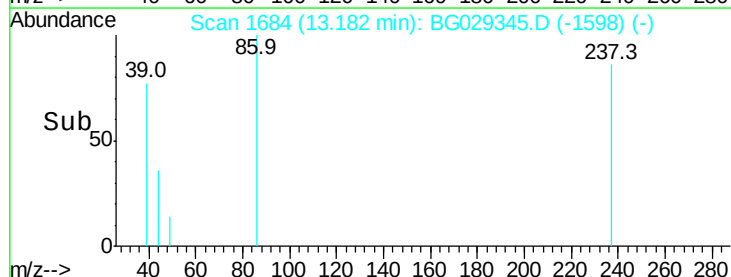
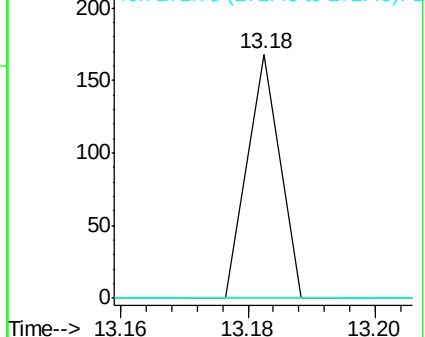
272 0.0 0.0 31.8

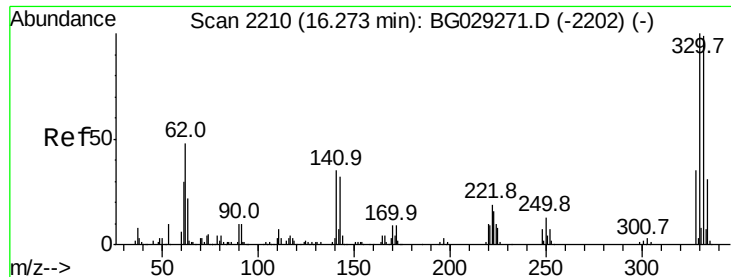


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

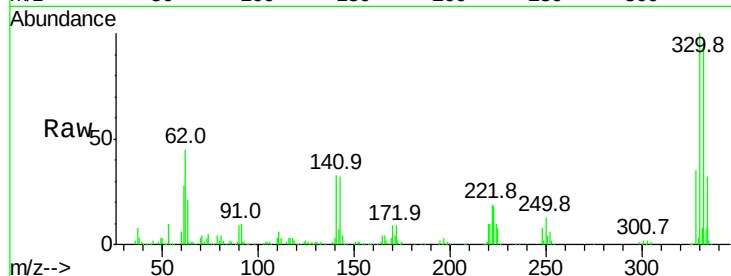




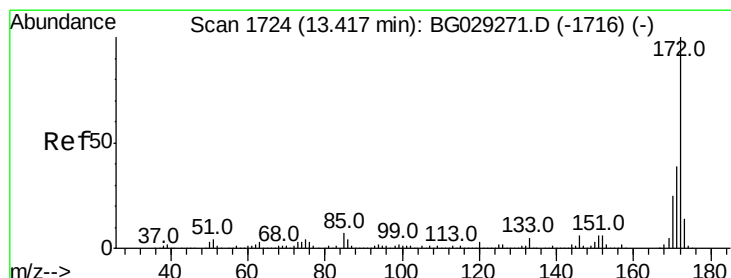
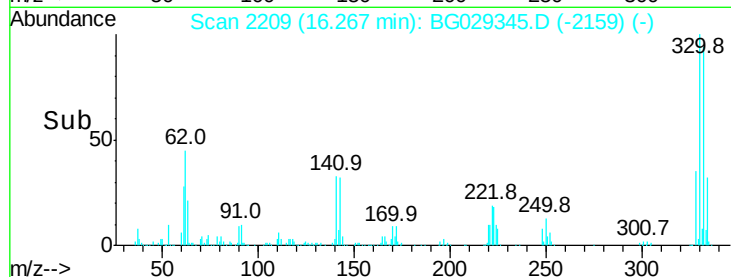
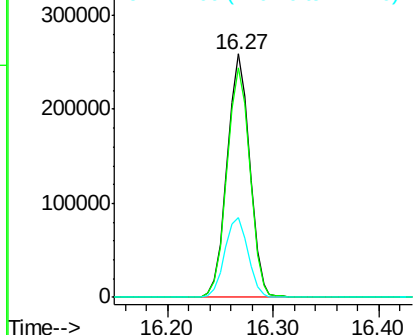
#41
 2,4,6-Tribromophenol
 Concen: 155.601 ng
 RT: 16.27 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: BG029345.D
 Acq: 18 Oct 2017 23:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	33.8	25.2	37.8

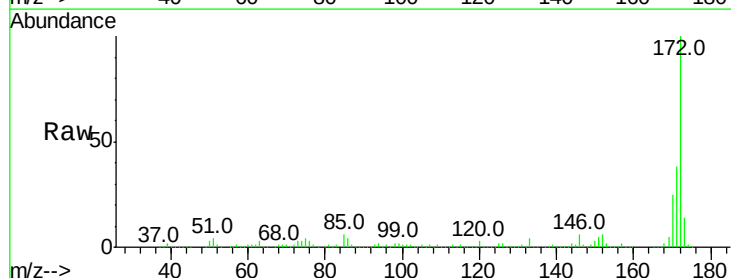


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

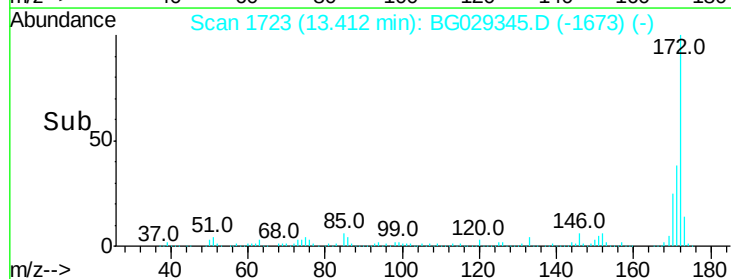
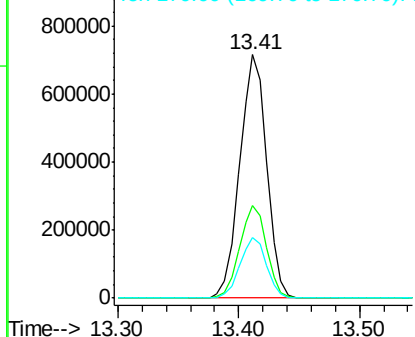


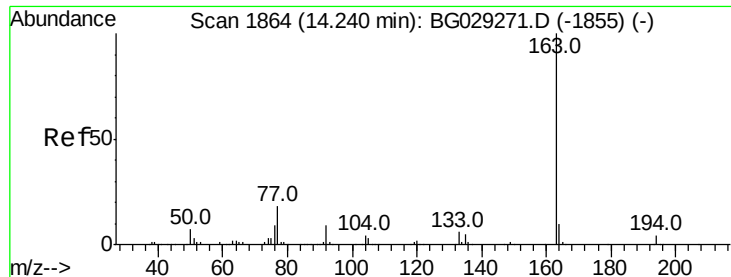
#44
 2-Fluorobiphenyl
 Concen: 85.652 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG029345.D
 Acq: 18 Oct 2017 23:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.0	45.0
170	24.7	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: 13.855 ng

RT: 14.23 min Scan# 1862

Delta R.T. -0.01 min

Lab File: BG029345.D

Acq: 18 Oct 2017 23:50

Instrument :

BNA_G

ClientSampleId :

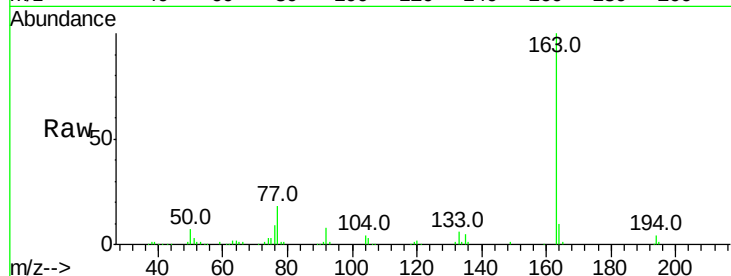
Tot Ion:163 Resp: 205740

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.2

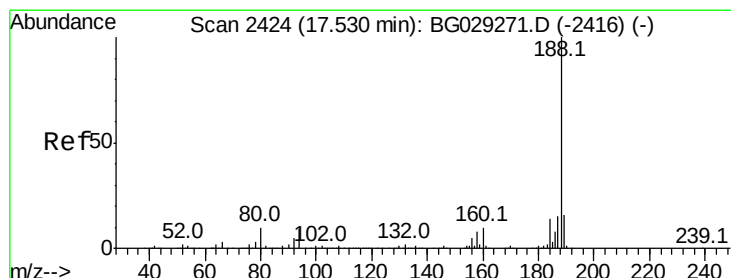
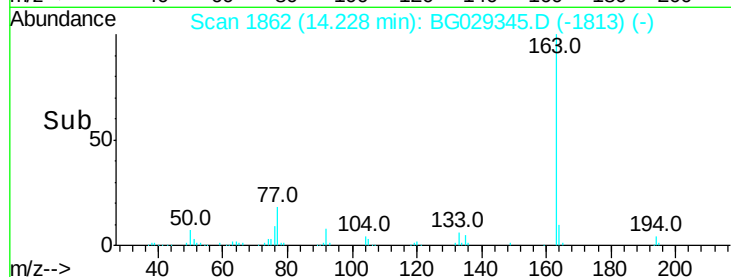
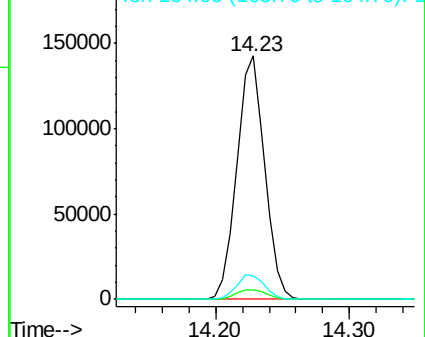
164 9.9 8.2 12.4



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.52 min Scan# 2423

Delta R.T. -0.01 min

Lab File: BG029345.D

Acq: 18 Oct 2017 23:50

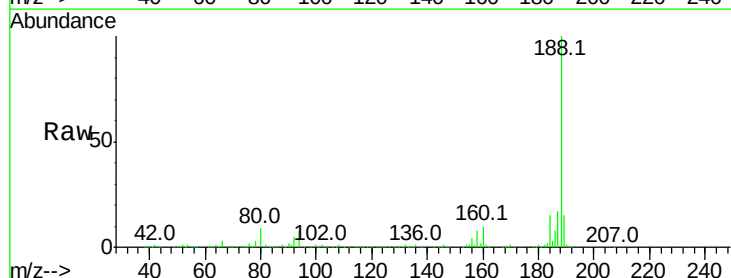
Tgt Ion:188 Resp: 494884

Ion Ratio Lower Upper

188 100

94 7.7 6.9 10.3

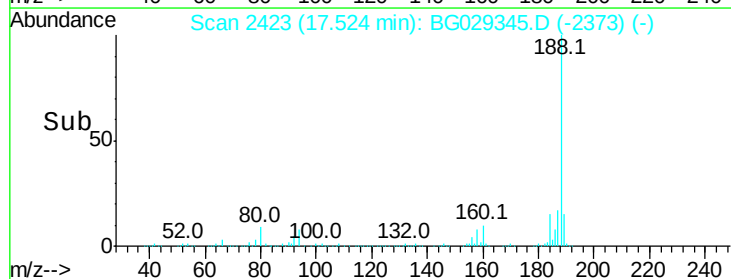
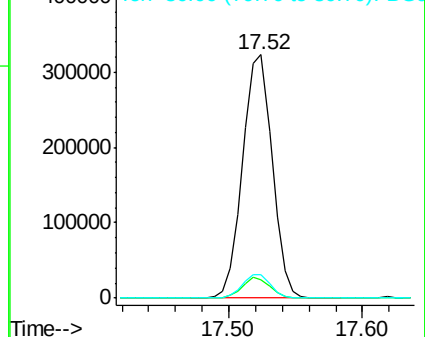
80 9.5 7.7 11.5

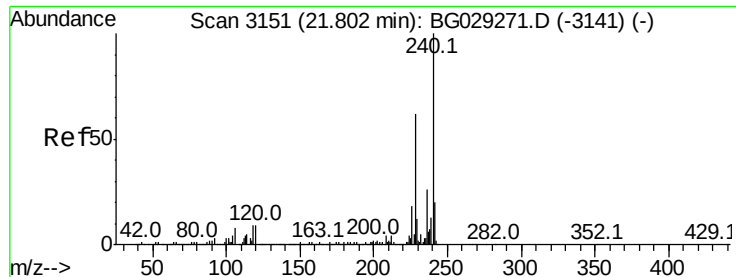


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.79 min Scan# 3149

Delta R.T. -0.01 min

Lab File: BG029345.D

Acq: 18 Oct 2017 23:50

Instrument :

BNA_G

ClientSampleId :

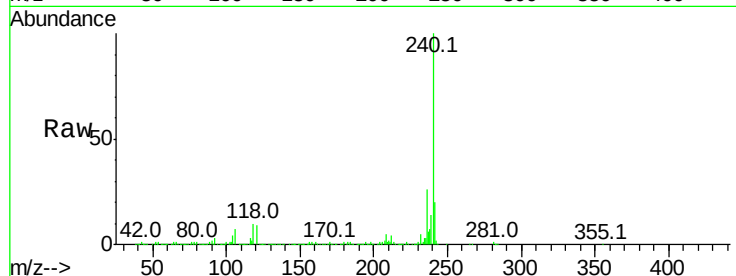
Tot Ion:240 Resp: 552847

Ion Ratio Lower Upper

240 100

120 9.5 6.8 10.2

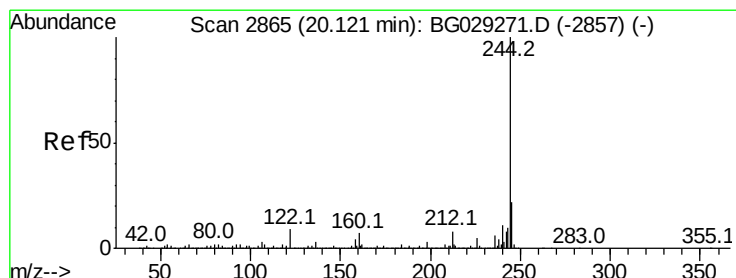
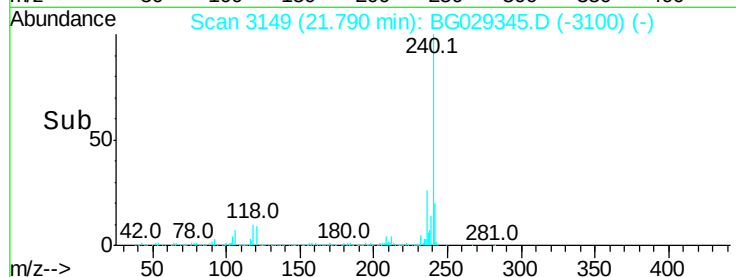
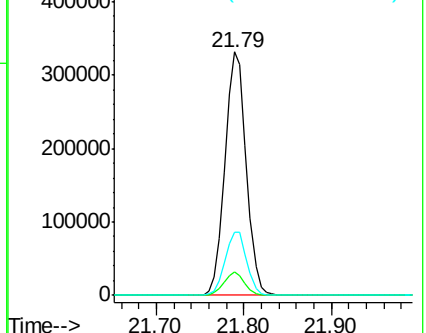
236 26.2 20.9 31.3



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: 77.962 ng

RT: 20.11 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG029345.D

Acq: 18 Oct 2017 23:50

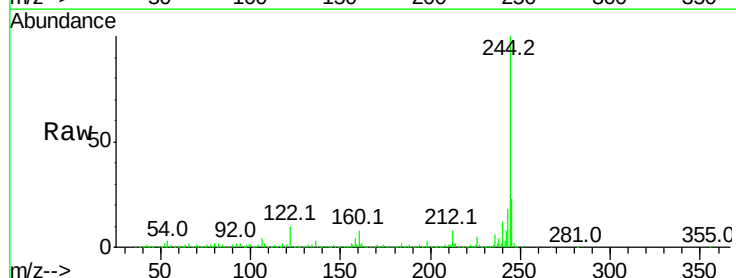
Tgt Ion:244 Resp: 1894603

Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.8

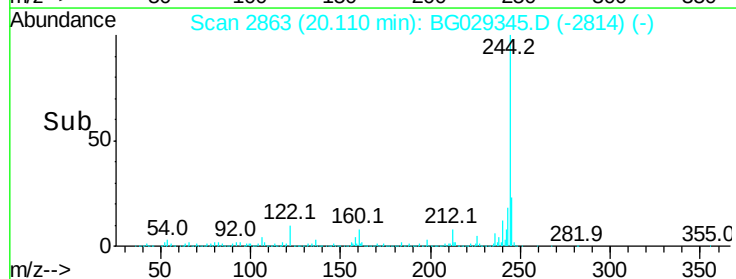
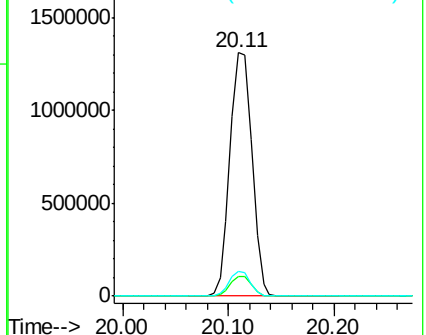
122 10.3 7.0 10.4

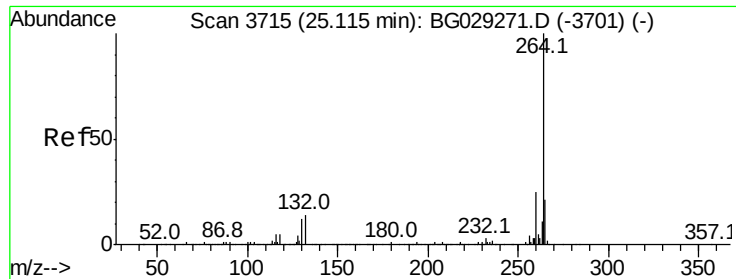


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

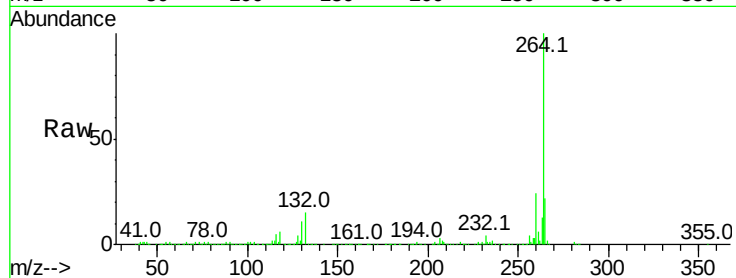




#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.02 min
Lab File: BG029345.D
Acq: 18 Oct 2017 23:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	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

