

Data Path : Z:\HPCHEM1\BNA G\DATA\BG103117\
 Data File : BG030618.D
 Acq On : 31 Oct 2017 18:51
 Operator : SJ/JU
 Sample : I6207-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-03

Quant Time: Nov 01 07:04:42 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

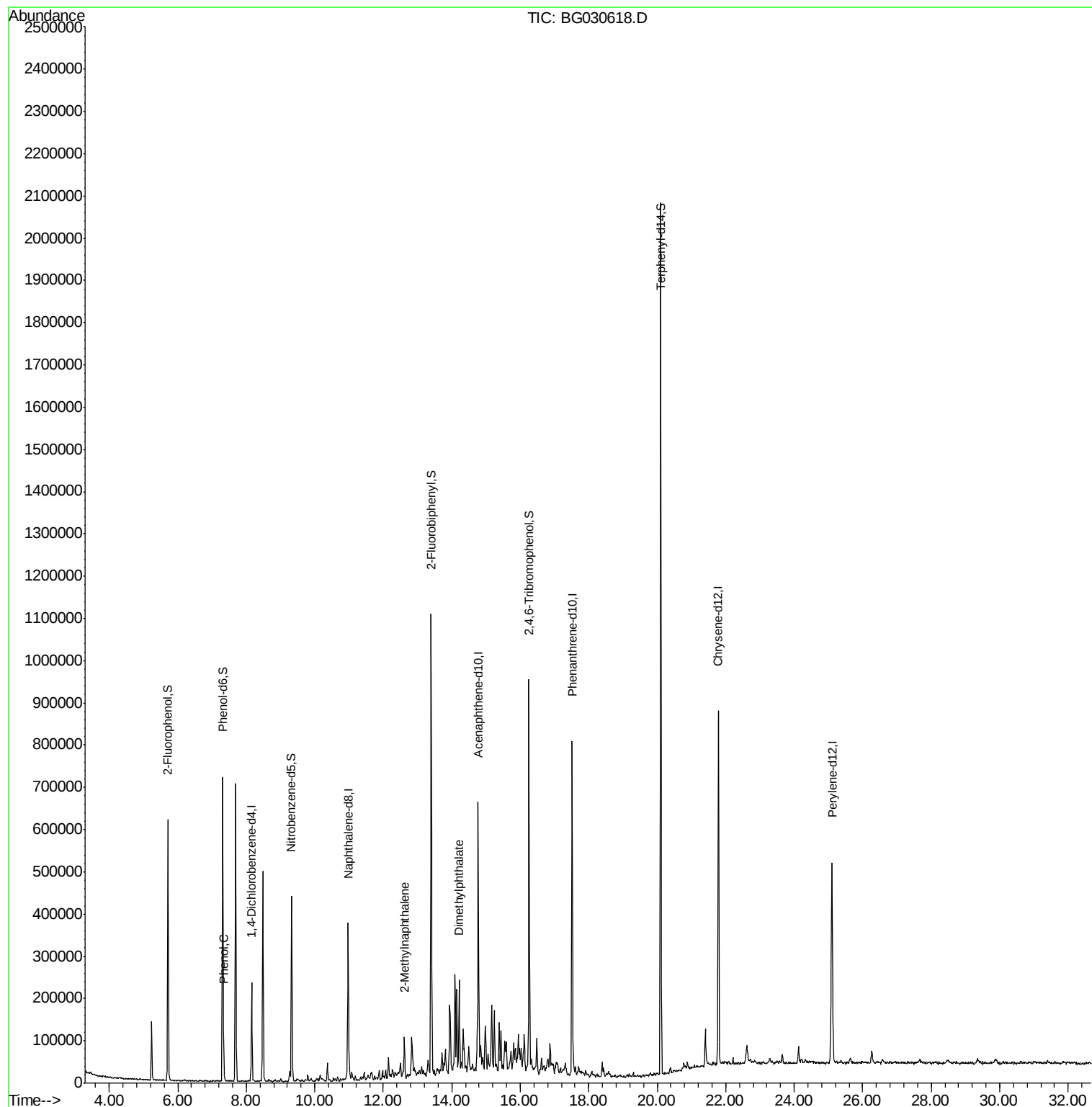
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	69643	20.00	ng	-0.01
21) Naphthalene-d8	10.97	136	333335	20.00	ng	-0.02
38) Acenaphthene-d10	14.78	164	219261	20.00	ng	-0.02
63) Phenanthrene-d10	17.51	188	484920	20.00	ng	-0.02
75) Chrysene-d12	21.78	240	525539	20.00	ng	-0.02
86) Perylene-d12	25.10	264	533370	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	300965	72.19	ng	0.00
7) Phenol-d6	7.31	99	442596	75.64	ng	-0.01
23) Nitrobenzene-d5	9.32	82	267112	50.92	ng	-0.02
41) 2,4,6-Tribromophenol	16.26	330	189267	66.86	ng	-0.01
44) 2-Fluorobiphenyl	13.40	172	578178	38.67	ng	-0.02
78) Terphenyl-d14	20.10	244	938693	40.63	ng	-0.02
Target Compounds						
10) Phenol	7.34	94	25432	4.031	ng	98
37) 2-Methylnaphthalene	12.62	142	45283	3.740	ng	87
49) Dimethylphthalate	14.22	163	144733	8.460	ng	99

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

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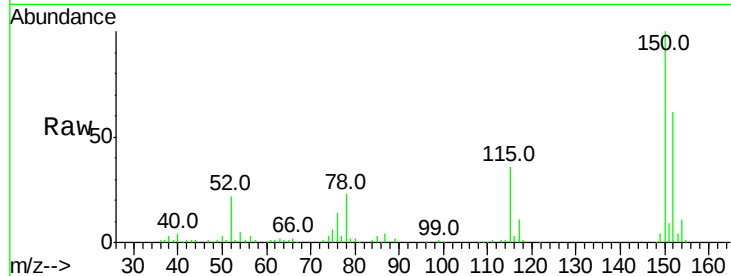


#1

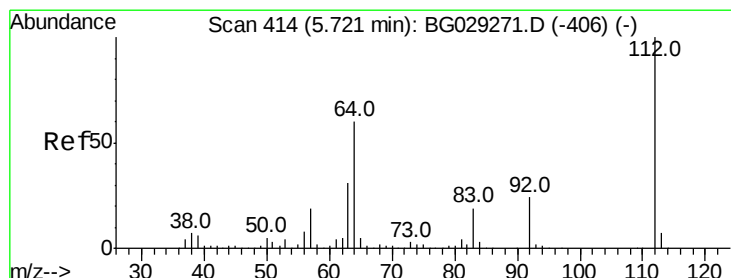
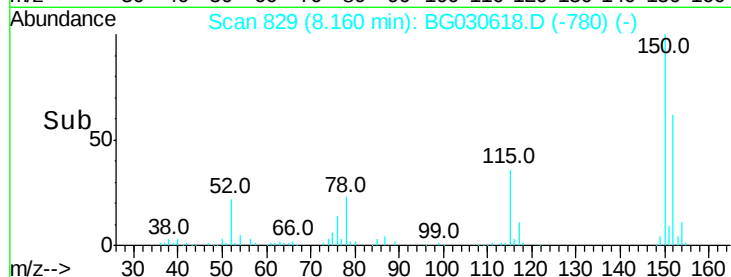
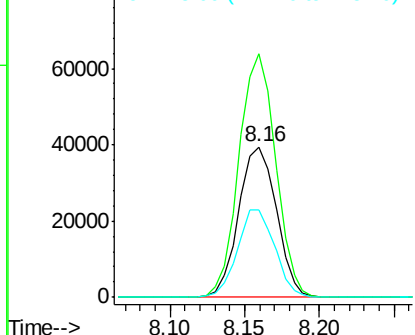
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 829
Delta R.T. -0.01 min
Lab File: BG030618.D
Acq: 31 Oct 2017 18:51

Instrument :
BNA_G
ClientSampleId :
SB-03

Tot Ion:152 Resp: 69643
Ion Ratio Lower Upper
152 100
150 161.5 126.6 189.8
115 58.1 53.0 79.4



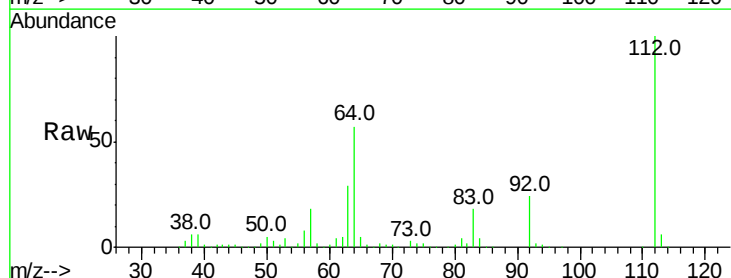
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



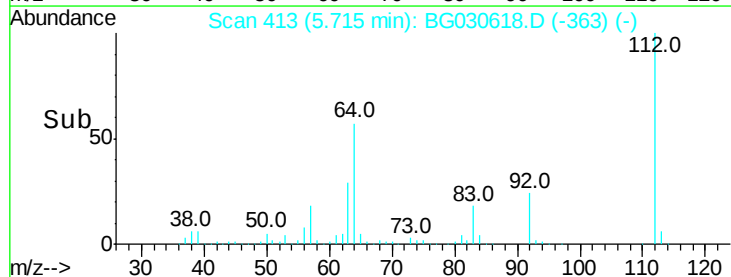
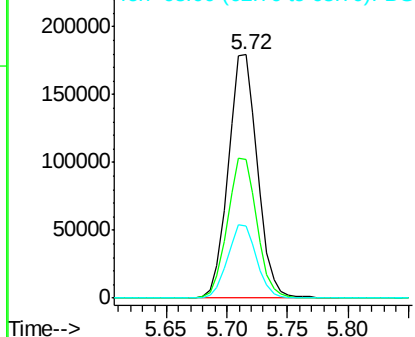
#5

2-Fluorophenol
Concen: 72.194 ng
RT: 5.72 min Scan# 413
Delta R.T. -0.00 min
Lab File: BG030618.D
Acq: 31 Oct 2017 18:51

Tgt Ion:112 Resp: 300965
Ion Ratio Lower Upper
112 100
64 57.1 56.3 84.5
63 29.4 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: 75.636 ng

RT: 7.31 min Scan# 685

Delta R.T. -0.01 min

Lab File: BG030618.D

Acq: 31 Oct 2017 18:51

Instrument :

BNA_G

ClientSampleId :

SB-03

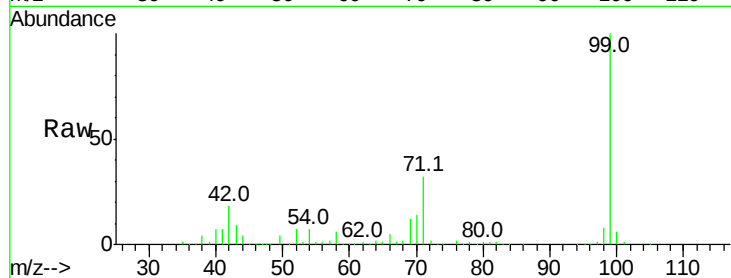
Tot Ion: 99 Resp: 442596

Ion Ratio Lower Upper

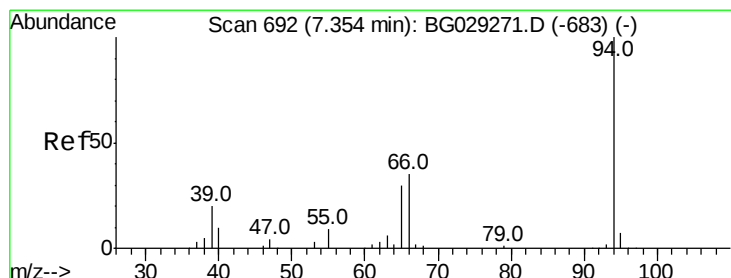
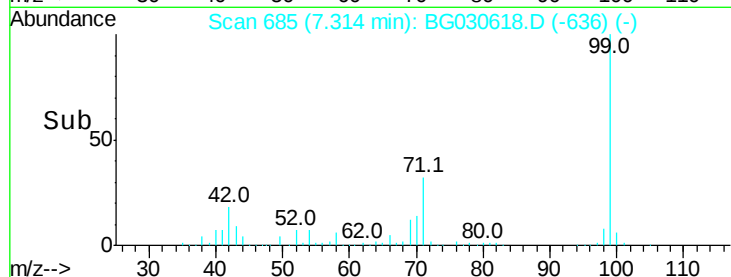
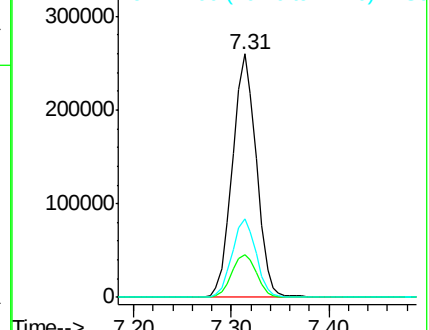
99 100

42 17.7 14.1 21.1

71 32.0 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: 4.031 ng

RT: 7.34 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG030618.D

Acq: 31 Oct 2017 18:51

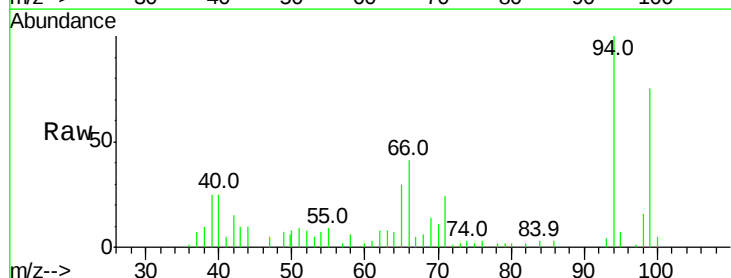
Tgt Ion: 94 Resp: 25432

Ion Ratio Lower Upper

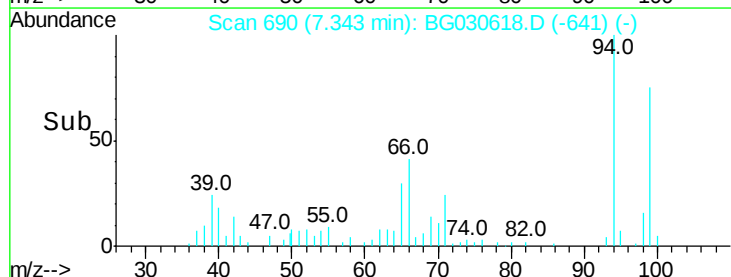
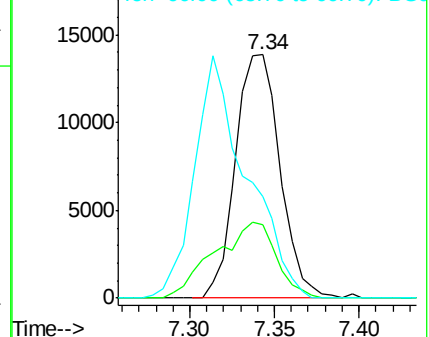
94 100

65 30.0 11.9 51.9

66 41.5 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

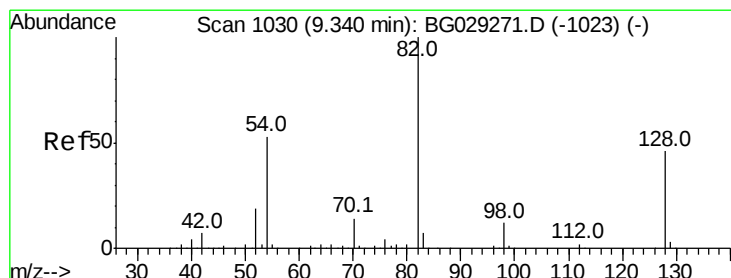
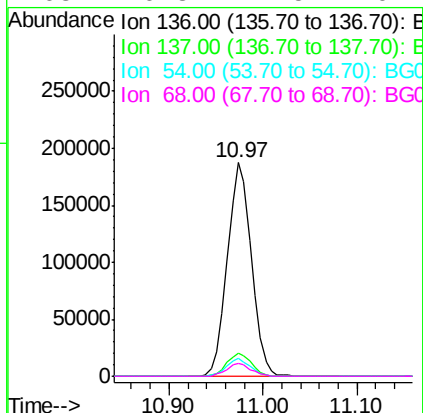
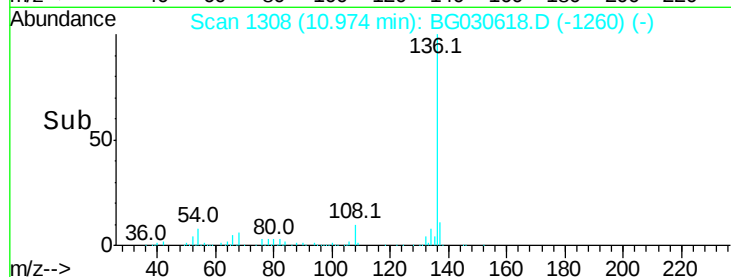
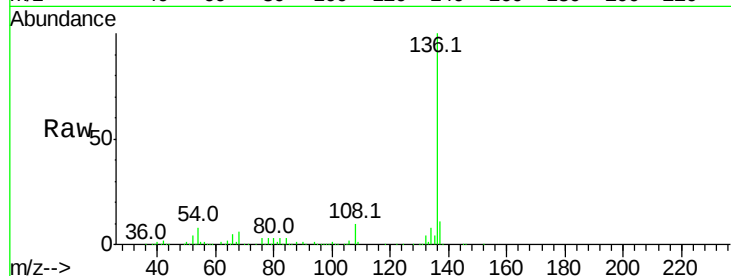




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BG030618.D
Acq: 31 Oct 2017 18:51

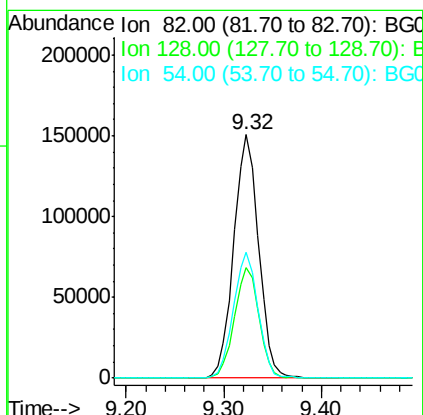
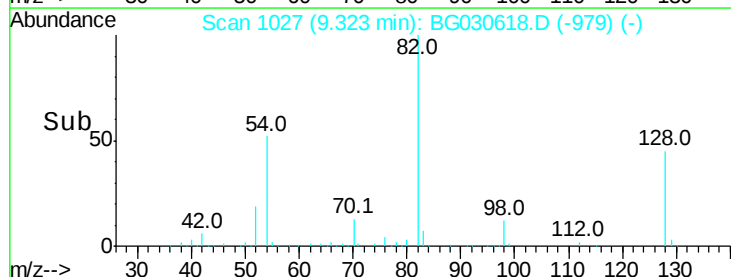
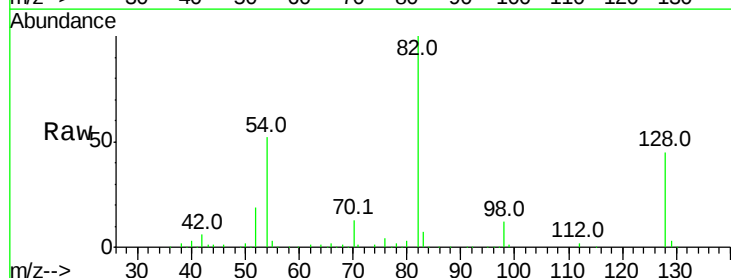
Instrument :
BNA_G
ClientSampleId :
SB-03

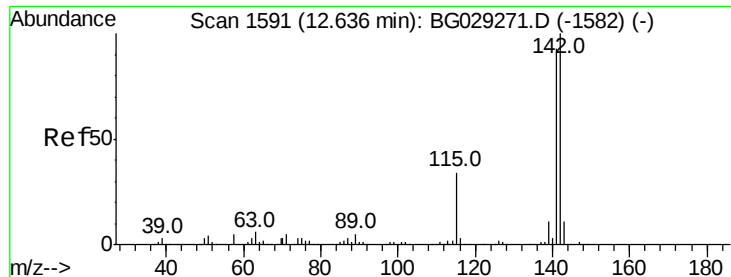
Tot Ion:	136	Resp:	333335
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	8.4	10.3	15.5#
68	6.3	4.5	6.7



#23
Nitrobenzene-d5
Concen: 50.922 ng
RT: 9.32 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BG030618.D
Acq: 31 Oct 2017 18:51

Tgt Ion:	82	Resp:	267112
Ion	Ratio	Lower	Upper
82	100		
128	45.3	29.7	44.5#
54	51.6	43.1	64.7

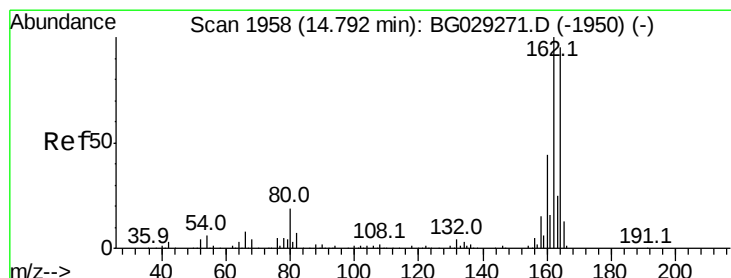
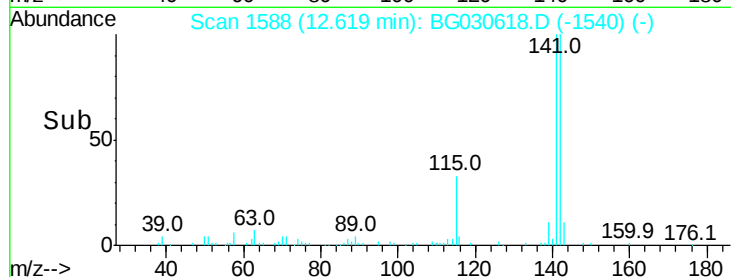
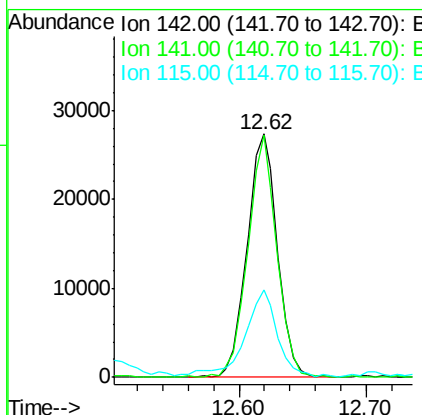
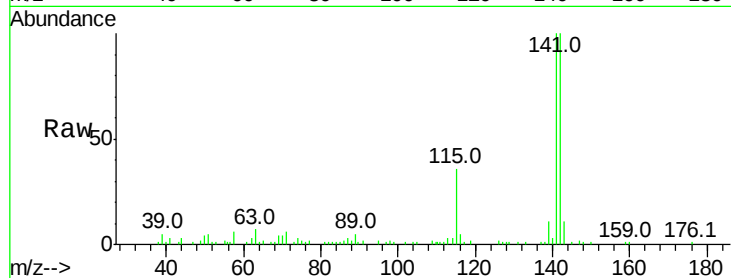




#37
2-Methylnaphthalene
Concen: 3.740 ng
RT: 12.62 min Scan# 1588
Delta R.T. -0.02 min
Lab File: BG030618.D
Acq: 31 Oct 2017 18:51

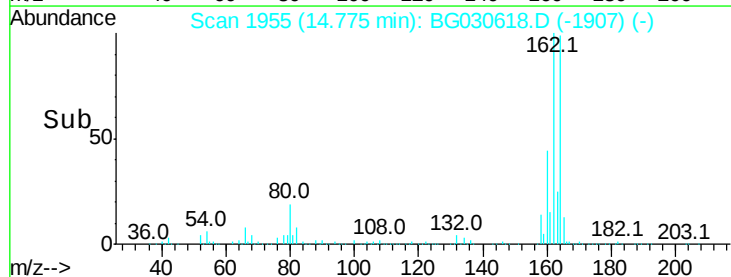
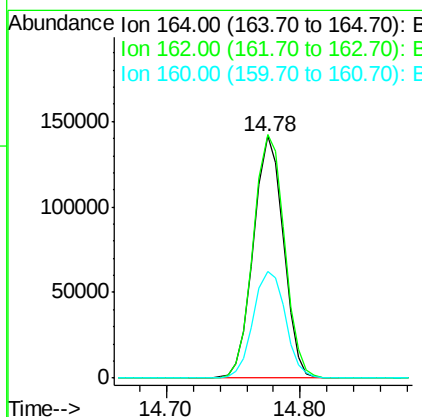
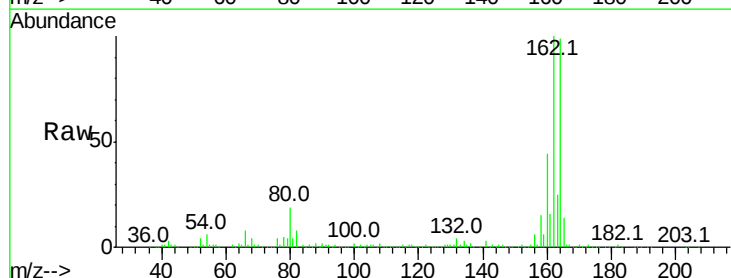
Instrument :
BNA_G
ClientSampled :
SB-03

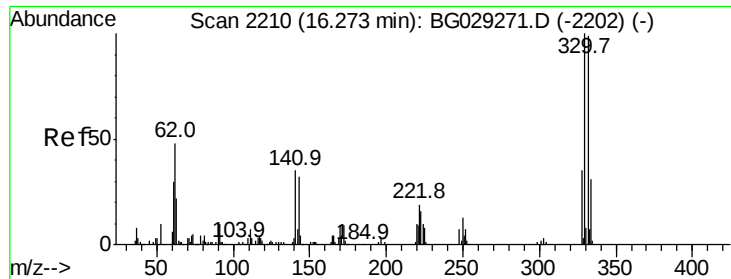
Tot Ion:142 Resp: 45283
Ion Ratio Lower Upper
142 100
141 99.7 67.1 100.7
115 35.7 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1955
Delta R.T. -0.02 min
Lab File: BG030618.D
Acq: 31 Oct 2017 18:51

Tgt Ion:164 Resp: 219261
Ion Ratio Lower Upper
164 100
162 100.7 78.8 118.2
160 44.1 35.4 53.0

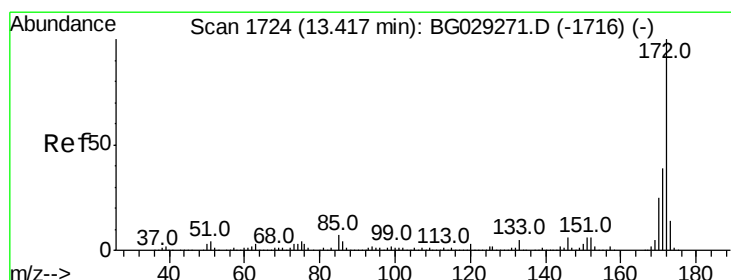
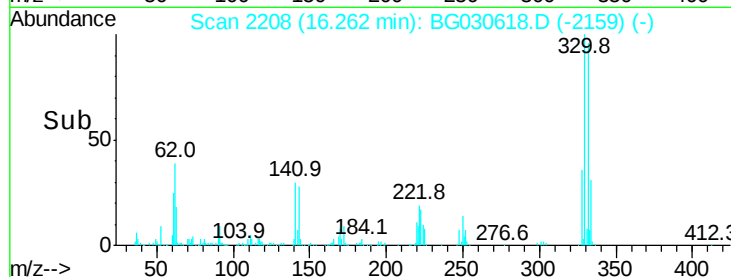
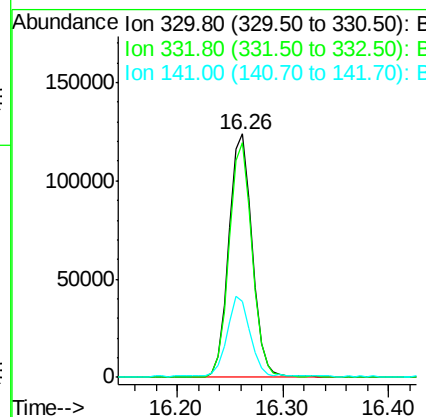
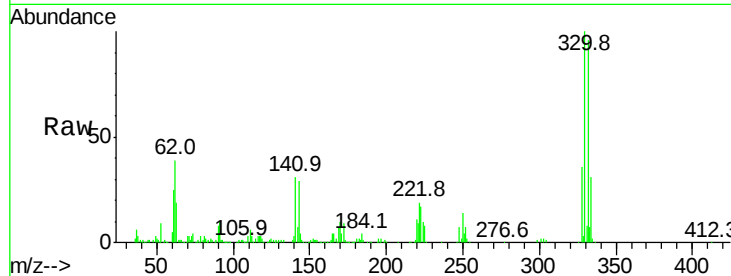




#41
 2,4,6-Tribromophenol
 Concen: 66.858 ng
 RT: 16.26 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: BG030618.D
 Acq: 31 Oct 2017 18:51

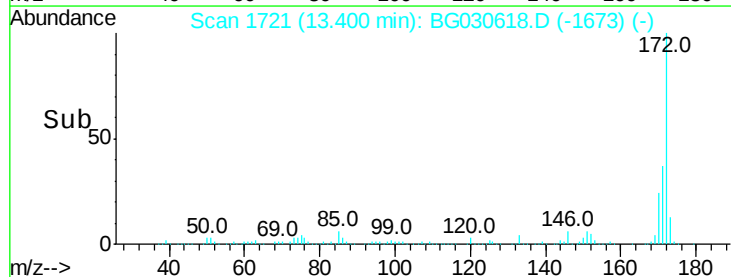
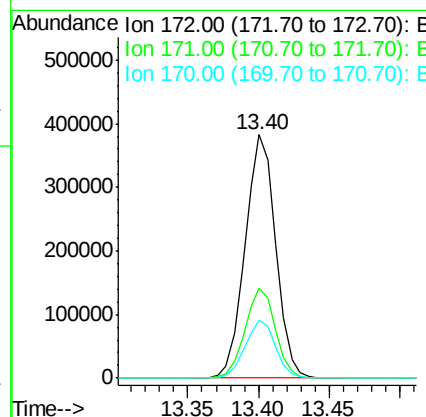
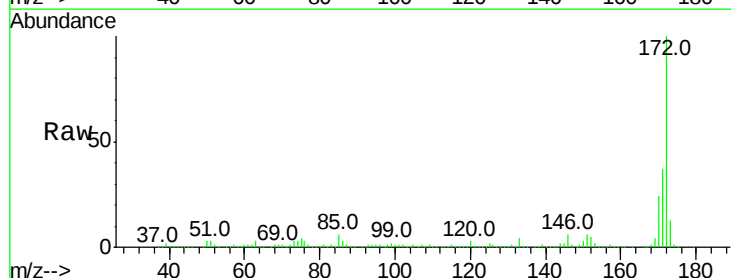
Instrument :
 BNA_G
 ClientSampleId :
 SB-03

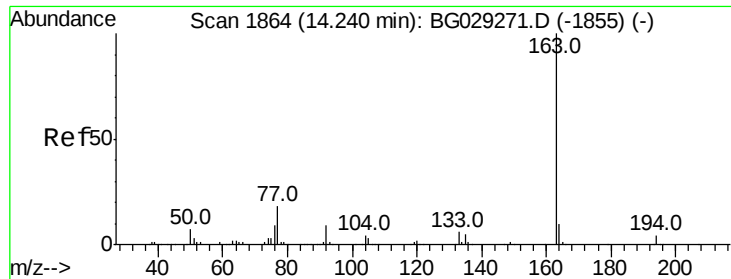
Tot Ion:330 Resp: 189267
 Ion Ratio Lower Upper
 330 100
 332 94.9 77.0 115.6
 141 32.1 25.2 37.8



#44
 2-Fluorobiphenyl
 Concen: 38.675 ng
 RT: 13.40 min Scan# 1721
 Delta R.T. -0.02 min
 Lab File: BG030618.D
 Acq: 31 Oct 2017 18:51

Tgt Ion:172 Resp: 578178
 Ion Ratio Lower Upper
 172 100
 171 37.2 30.0 45.0
 170 23.8 19.5 29.3

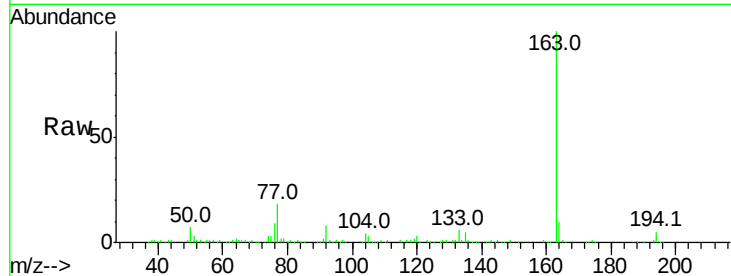




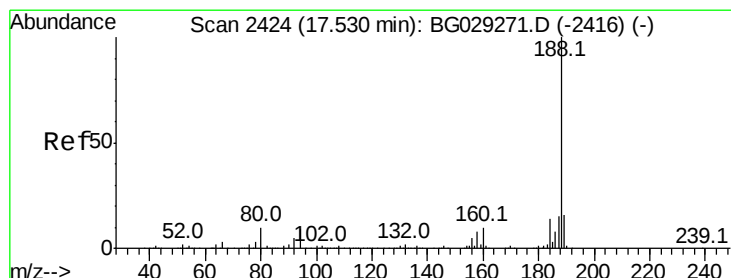
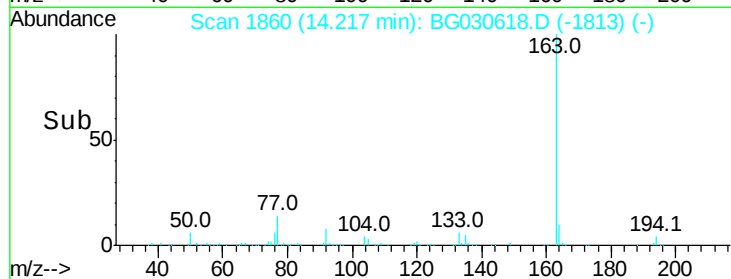
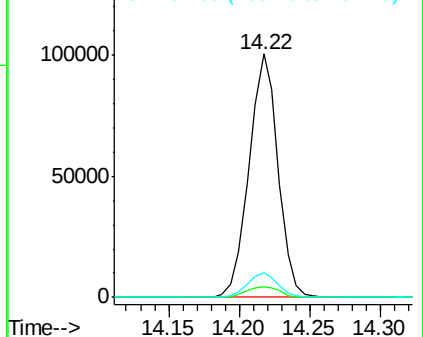
#49
Dimethylphthalate
Concen: 8.460 ng
RT: 14.22 min Scan# 1860
Delta R.T. -0.02 min
Lab File: BG030618.D
Acq: 31 Oct 2017 18:51

Instrument :
BNA_G
ClientSampleId :
SB-03

Tot Ion:163 Resp: 144733
Ion Ratio Lower Upper
163 100
194 4.6 3.4 5.2
164 9.9 8.2 12.4

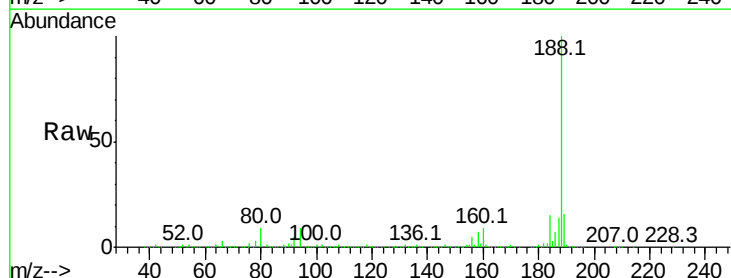


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

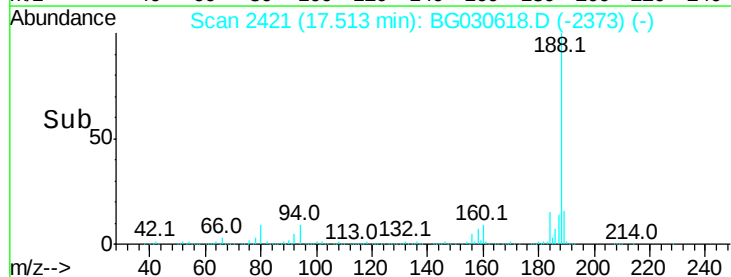
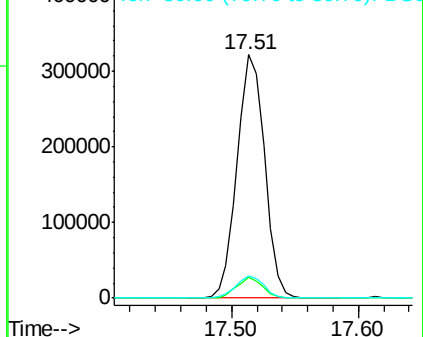


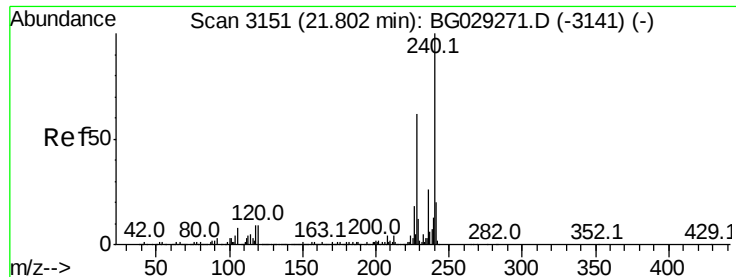
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2421
Delta R.T. -0.02 min
Lab File: BG030618.D
Acq: 31 Oct 2017 18:51

Tgt Ion:188 Resp: 484920
Ion Ratio Lower Upper
188 100
94 8.6 6.9 10.3
80 9.3 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: 21.78 min Scan# 3148

Delta R.T. -0.02 min

Lab File: BG030618.D

Acq: 31 Oct 2017 18:51

Instrument :

BNA_G

ClientSampleId :

SB-03

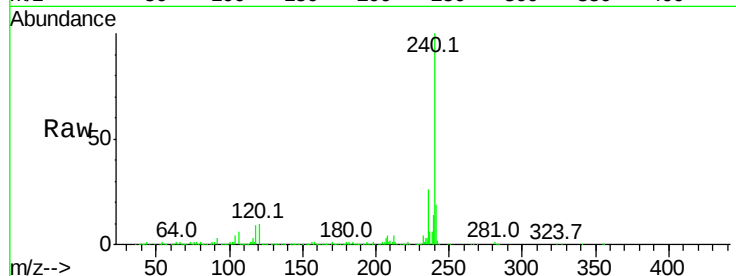
Tot Ion:240 Resp: 525539

Ion Ratio Lower Upper

240 100

120 9.8 6.8 10.2

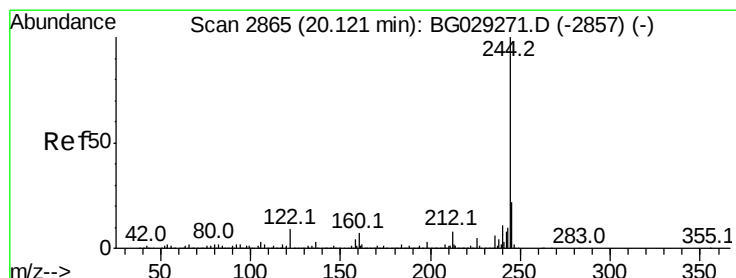
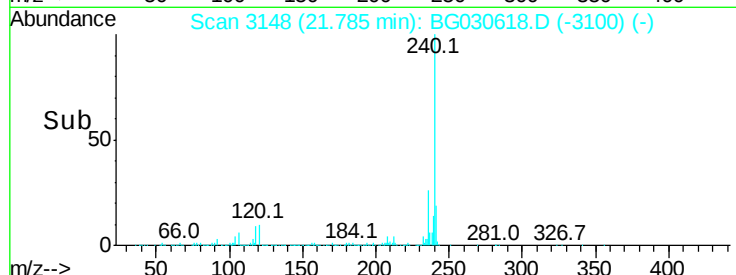
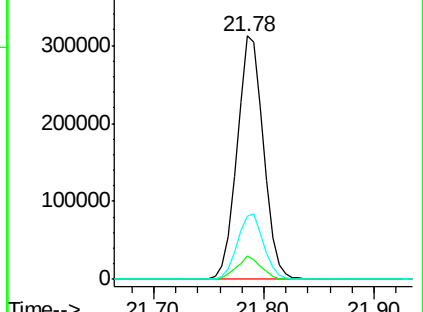
236 25.8 20.9 31.3



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: 40.634 ng

RT: 20.10 min Scan# 2862

Delta R.T. -0.02 min

Lab File: BG030618.D

Acq: 31 Oct 2017 18:51

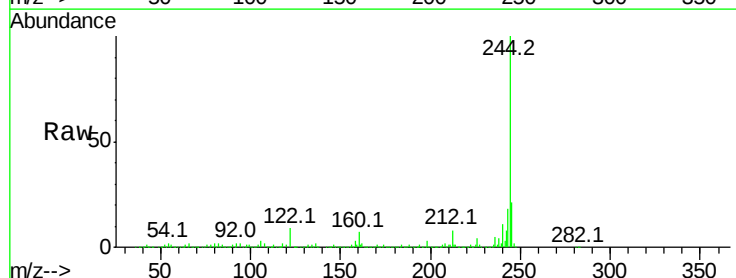
Tgt Ion:244 Resp: 938693

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

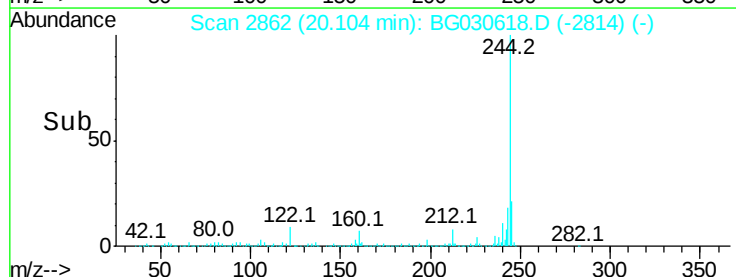
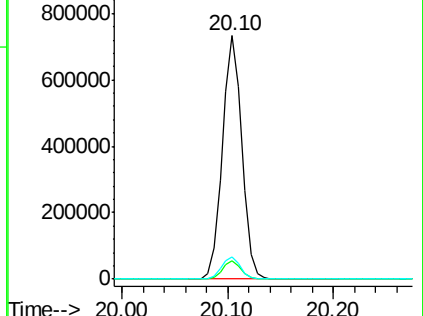
122 9.0 7.0 10.4

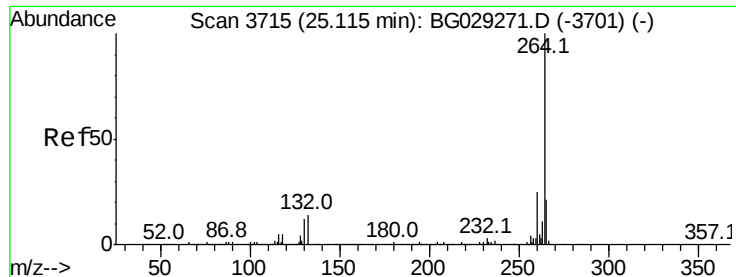


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

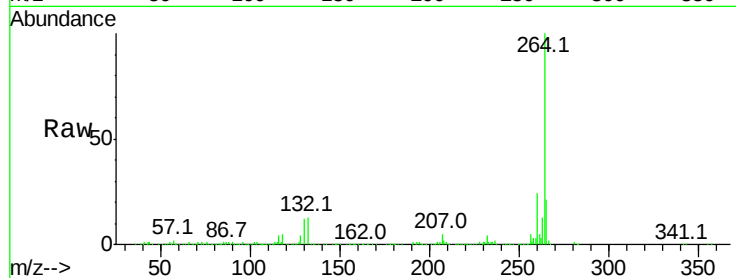




#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.02 min
Lab File: BG030618.D
Acq: 31 Oct 2017 18:51

Instrument :
BNA_G
ClientSampleId :
SB-03

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.4	26.0
265	20.6	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

