

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102717\
 Data File : BG030491.D
 Acq On : 27 Oct 2017 10:50
 Operator : SJ/JU
 Sample : I6024-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-06-COMP

Quant Time: Oct 27 14:44:42 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

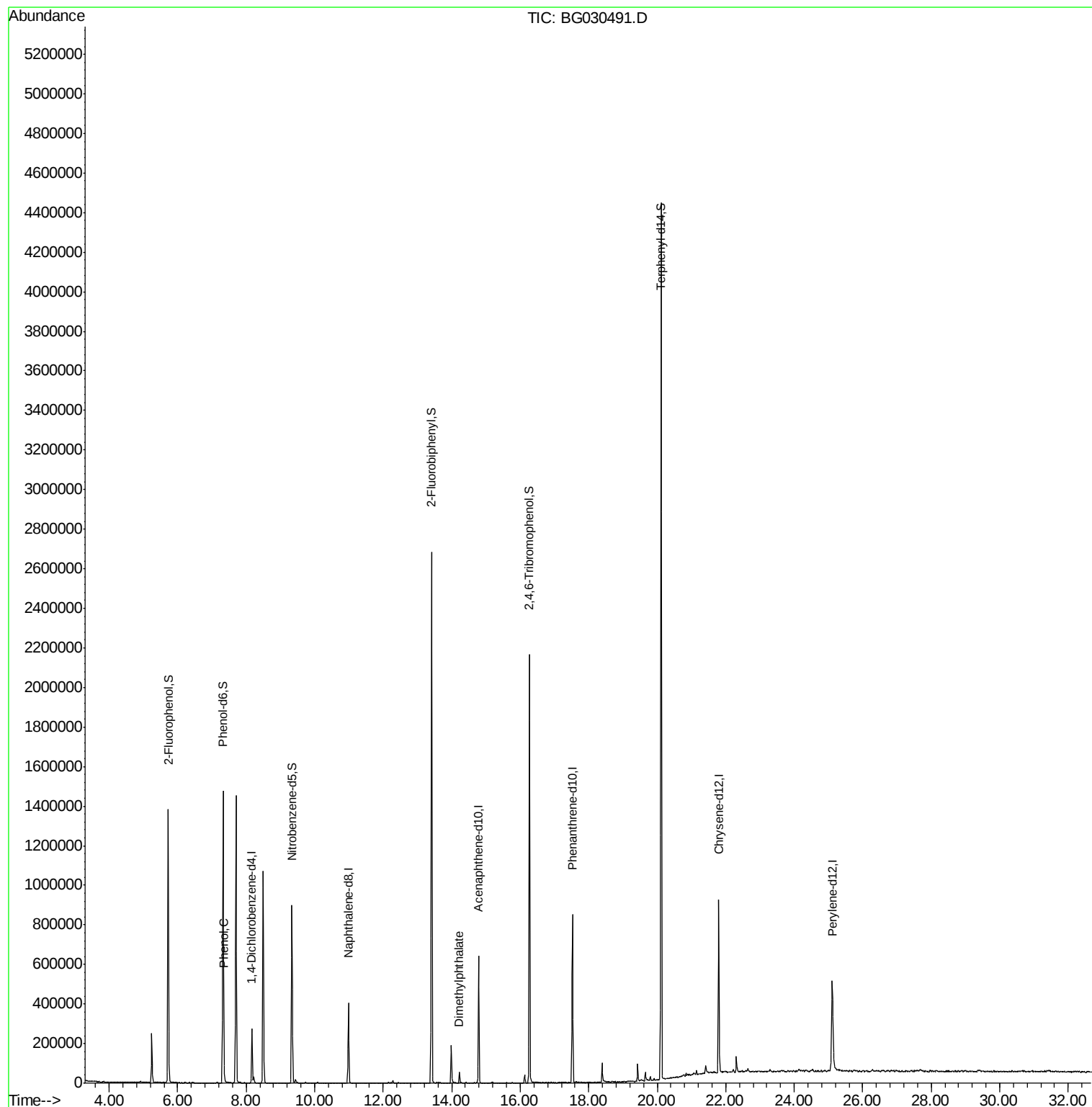
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	78114	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	366269	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	228844	20.00	ng	0.00
63) Phenanthrene-d10	17.53	188	527039	20.00	ng	0.00
75) Chrysene-d12	21.80	240	558081	20.00	ng	0.00
86) Perylene-d12	25.11	264	555646	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	645110	137.96	ng	0.00
7) Phenol-d6	7.33	99	885154	134.86	ng	0.00
23) Nitrobenzene-d5	9.34	82	552113	95.79	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	438283	148.34	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1417908	90.87	ng	0.00
78) Terphenyl-d14	20.12	244	2055466	83.79	ng	0.00
Target Compounds						
10) Phenol	7.35	94	30479	4.307	ng	94
49) Dimethylphthalate	14.22	163	39648	2.221	ng	# 97

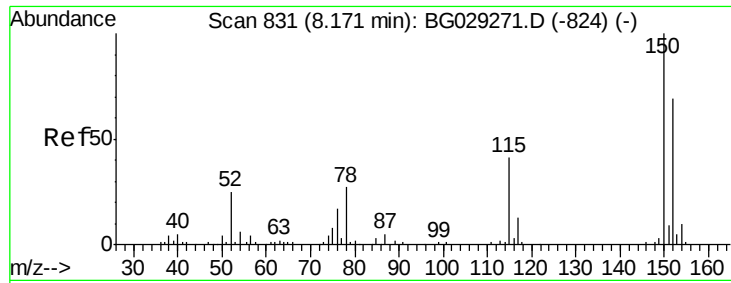
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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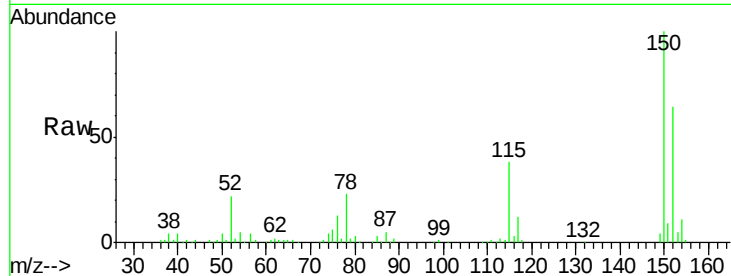


#1

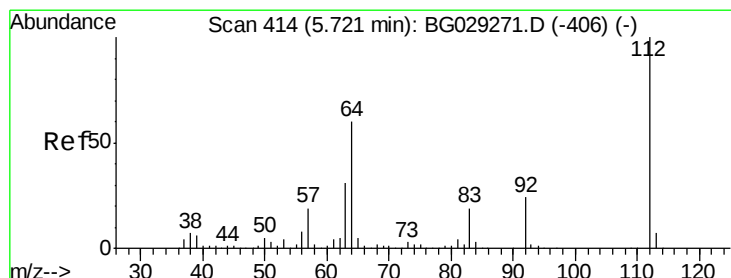
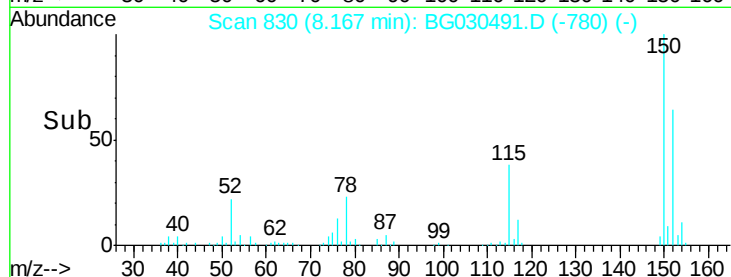
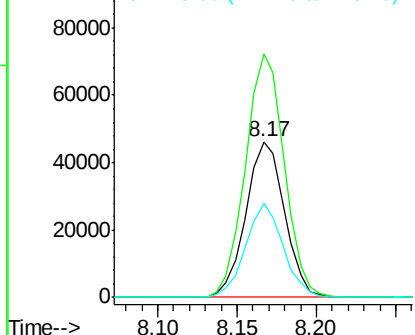
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG030491.D
Acq: 27 Oct 2017 10:50

Instrument :
BNA_G
ClientSampleId :
SB-06-COMP

Tgt Ion:152 Resp: 78114
Ion Ratio Lower Upper
152 100
150 156.6 126.6 189.8
115 60.1 53.0 79.4



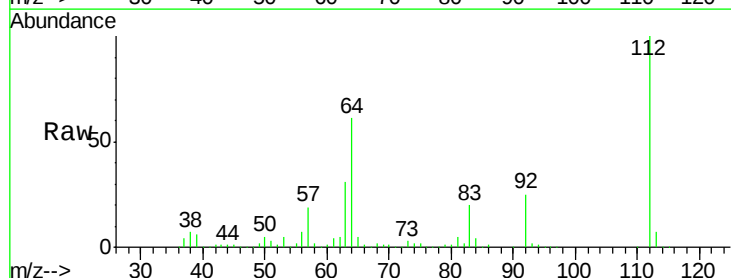
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



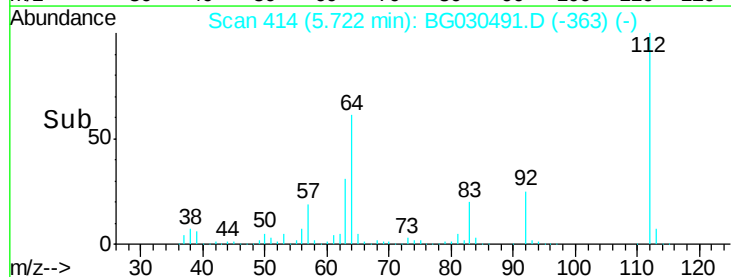
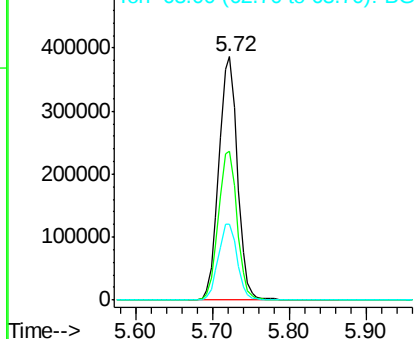
#5

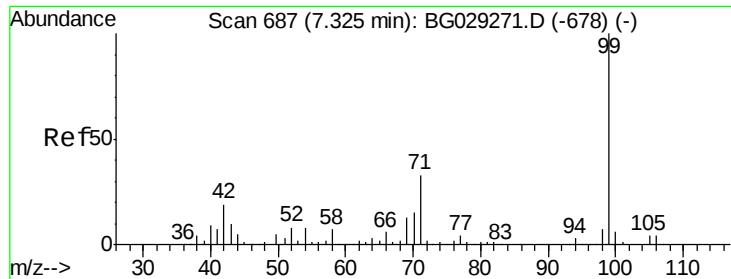
2-Fluorophenol
Concen: 137.964 ng
RT: 5.72 min Scan# 414
Delta R.T. 0.00 min
Lab File: BG030491.D
Acq: 27 Oct 2017 10:50

Tgt Ion:112 Resp: 645110
Ion Ratio Lower Upper
112 100
64 60.9 56.3 84.5
63 31.1 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: 134.862 ng

RT: 7.33 min Scan# 687

Delta R.T. 0.00 min

Lab File: BG030491.D

Acq: 27 Oct 2017 10:50

Instrument :

BNA_G

ClientSampleId :

SB-06-COMP

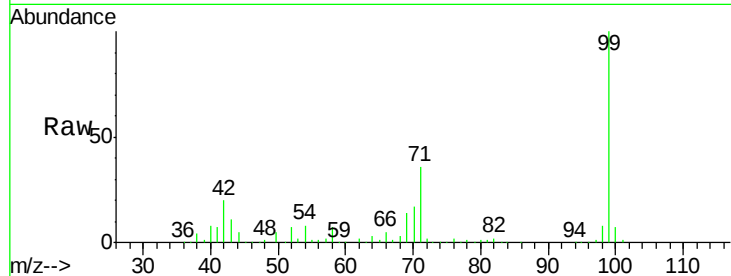
Tgt Ion: 99 Resp: 885154

Ion Ratio Lower Upper

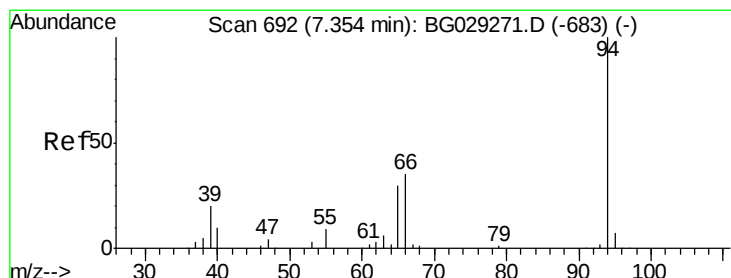
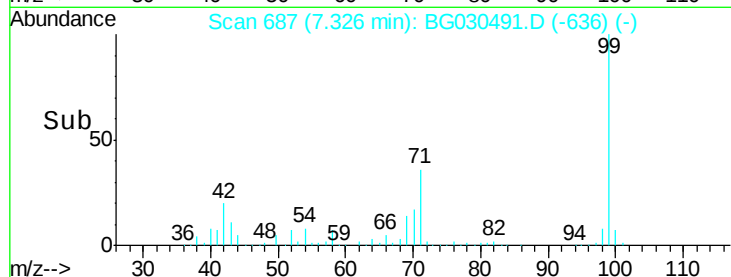
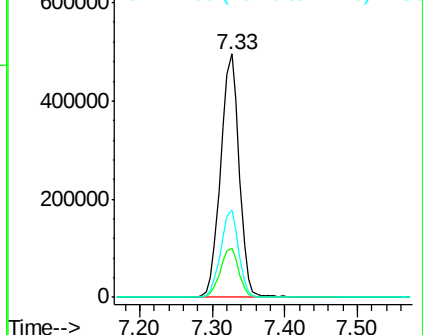
99 100

42 20.0 14.1 21.1

71 35.9 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: 4.307 ng

RT: 7.35 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG030491.D

Acq: 27 Oct 2017 10:50

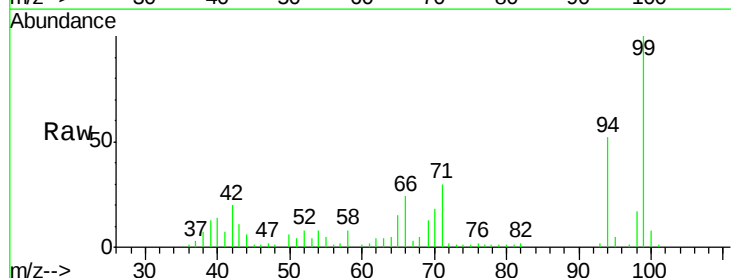
Tgt Ion: 94 Resp: 30479

Ion Ratio Lower Upper

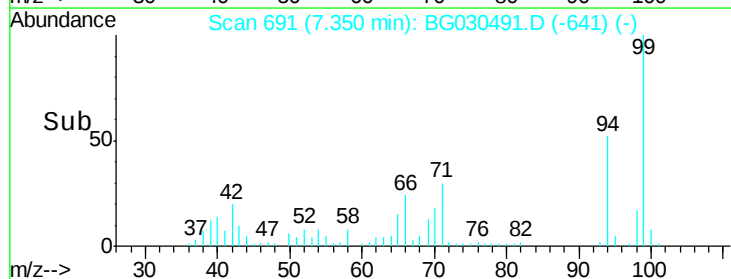
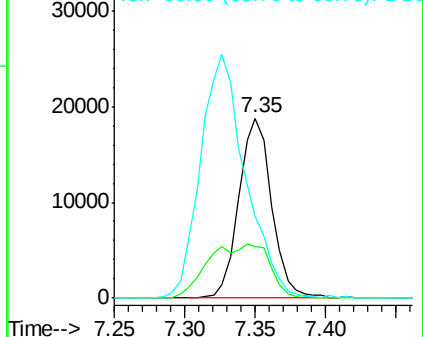
94 100

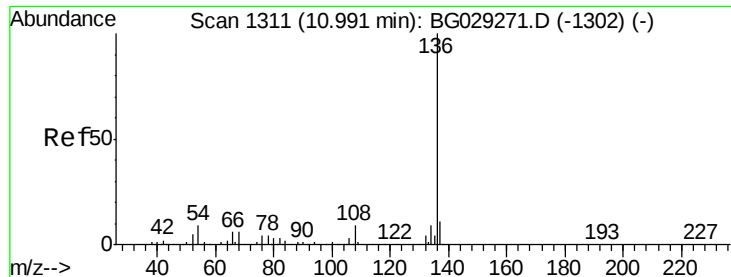
65 28.5 11.9 51.9

66 45.5 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

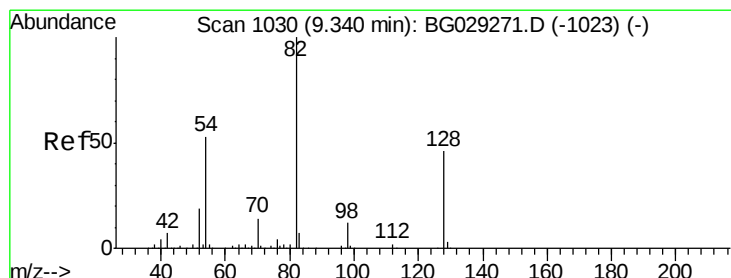
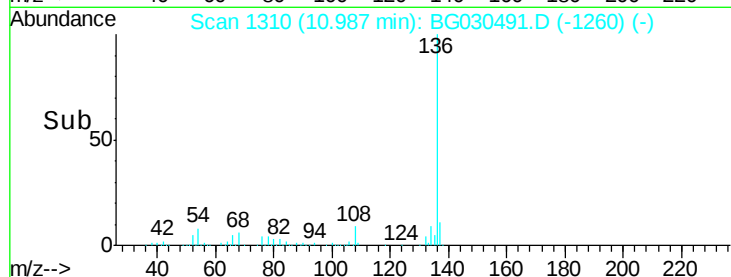
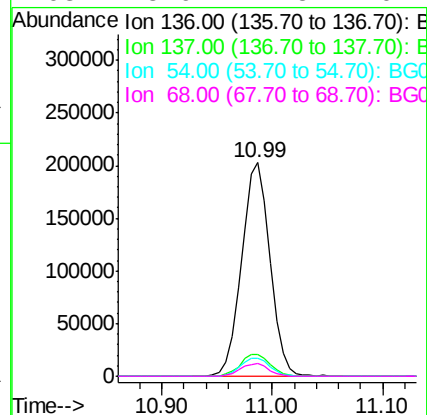
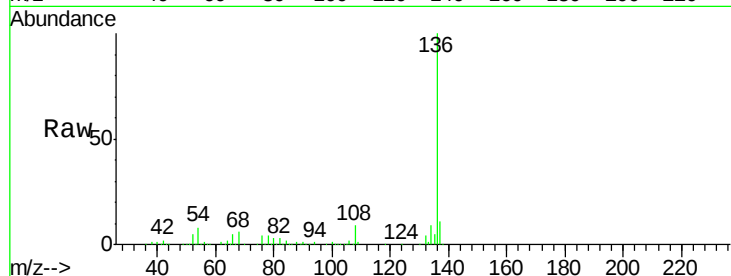




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BG030491.D
Acq: 27 Oct 2017 10:50

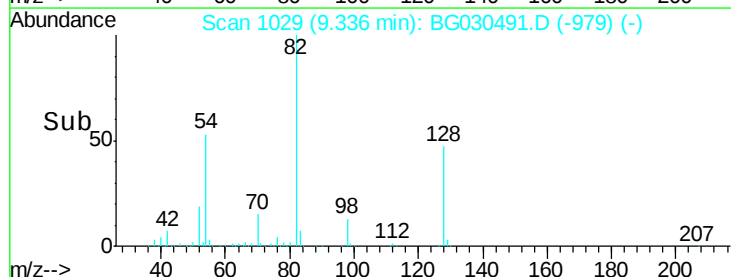
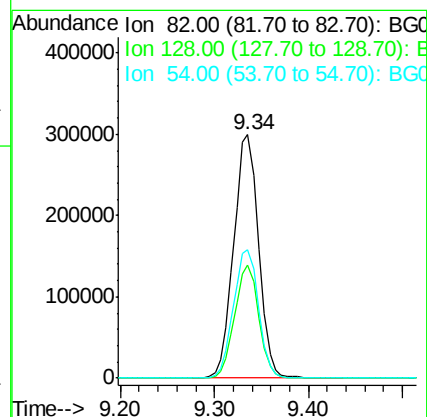
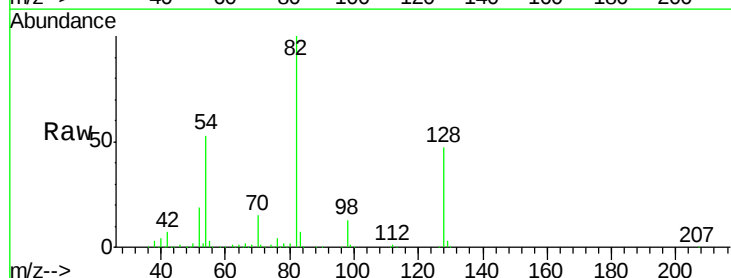
Instrument :
BNA_G
ClientSampleId :
SB-06-COMP

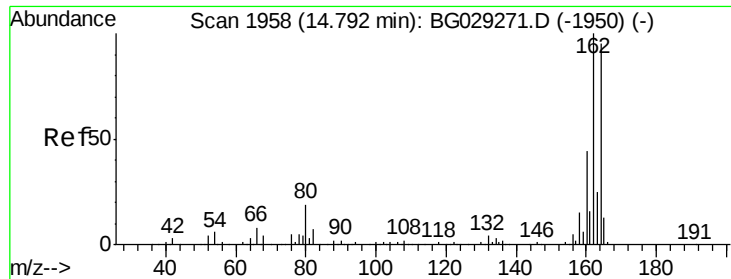
Tgt Ion:	136	Resp:	366269
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.2	13.8
54	8.5	10.3	15.5#
68	5.9	4.5	6.7



#23
Nitrobenzene-d5
Concen: 95.791 ng
RT: 9.34 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BG030491.D
Acq: 27 Oct 2017 10:50

Tgt Ion:	82	Resp:	552113
Ion	Ratio	Lower	Upper
82	100		
128	46.7	29.7	44.5#
54	52.6	43.1	64.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BG030491.D

Acq: 27 Oct 2017 10:50

Instrument :

BNA_G

ClientSampleId :

SB-06-COMP

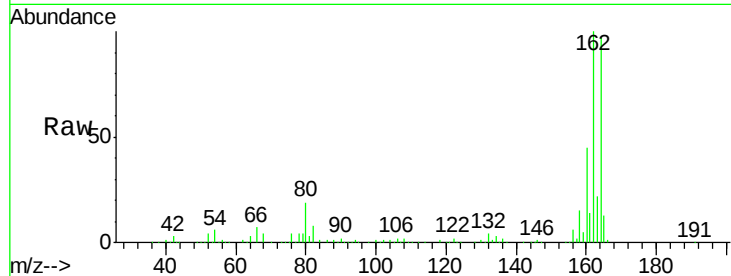
Tgt Ion:164 Resp: 228844

Ion Ratio Lower Upper

164 100

162 102.9 78.8 118.2

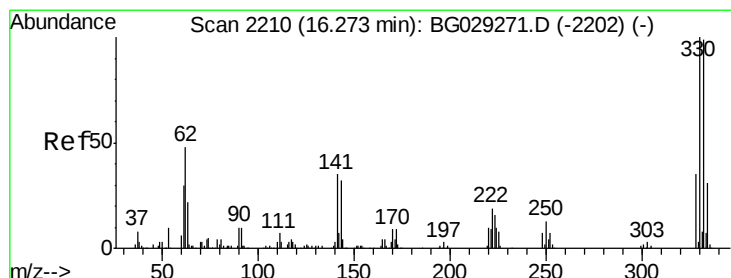
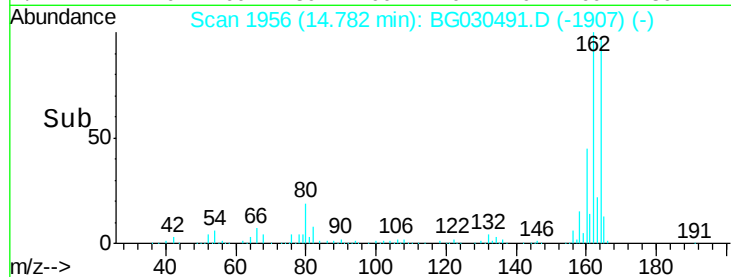
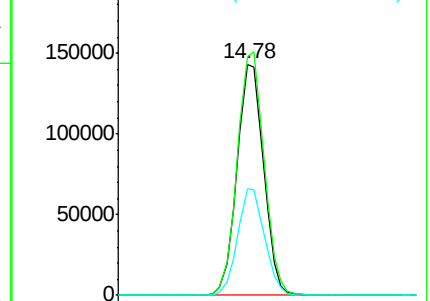
160 46.1 35.4 53.0



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: 148.339 ng

RT: 16.27 min Scan# 2209

Delta R.T. -0.00 min

Lab File: BG030491.D

Acq: 27 Oct 2017 10:50

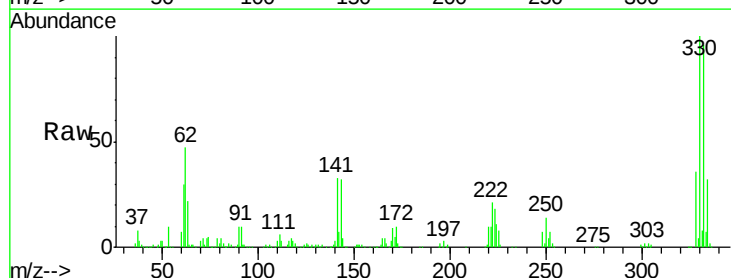
Tgt Ion:330 Resp: 438283

Ion Ratio Lower Upper

330 100

332 96.5 77.0 115.6

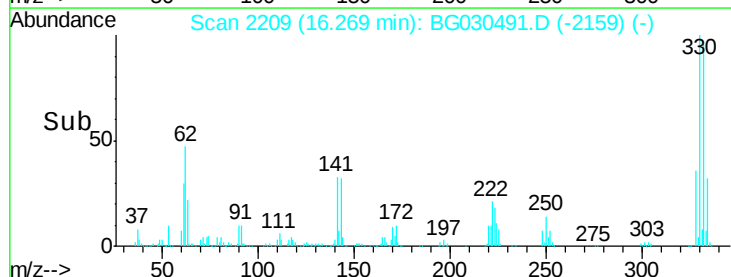
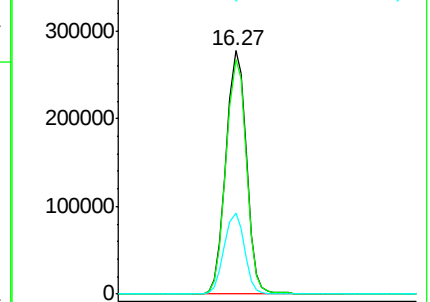
141 33.1 25.2 37.8

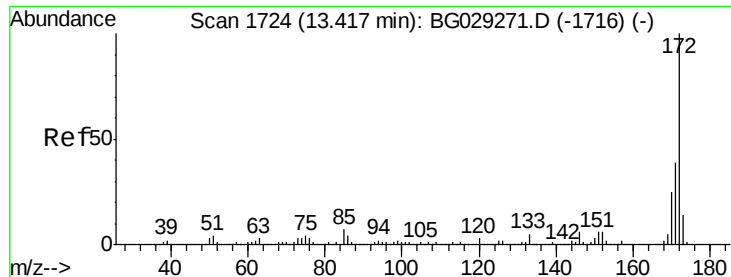


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

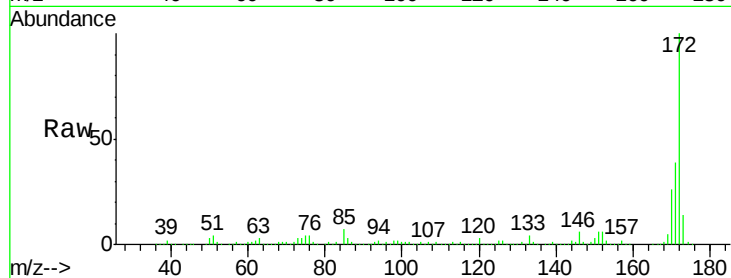




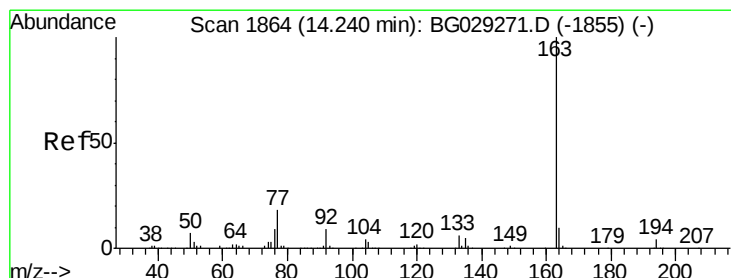
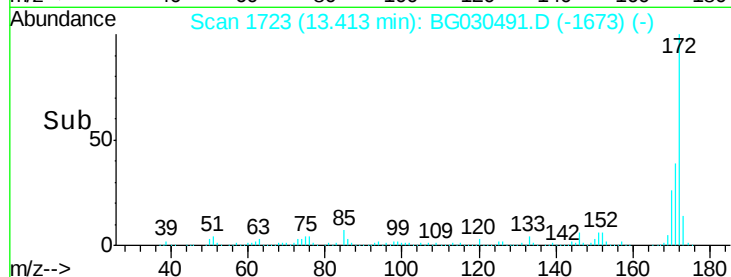
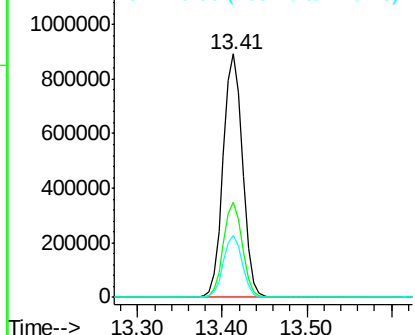
#44
2-Fluorobiphenyl
Concen: 90.873 ng
RT: 13.41 min Scan# 1723
Delta R.T. -0.00 min
Lab File: BG030491.D
Acq: 27 Oct 2017 10:50

Instrument :
BNA_G
ClientSampleId :
SB-06-COMP

Tgt Ion:172 Resp: 1417908
Ion Ratio Lower Upper
172 100
171 39.2 30.0 45.0
170 25.5 19.5 29.3

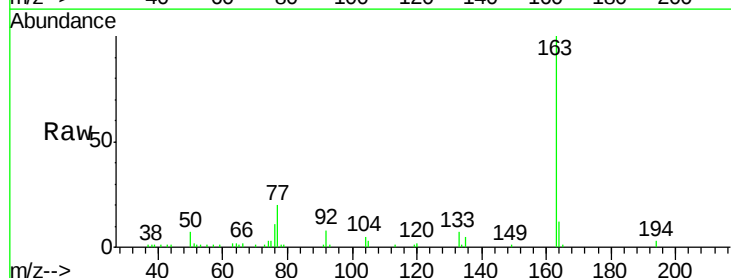


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

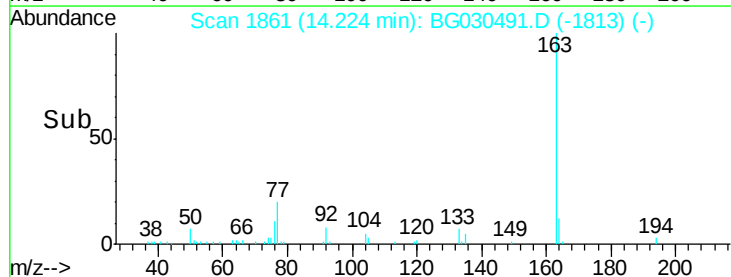
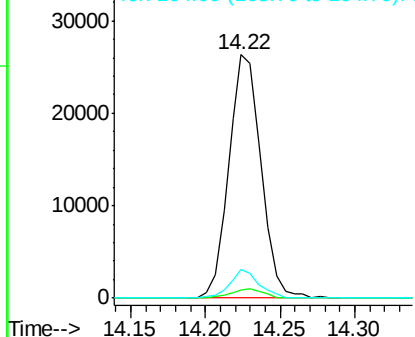


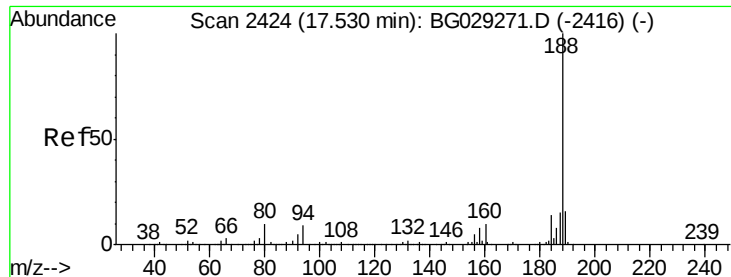
#49
Dimethylphthalate
Concen: 2.221 ng
RT: 14.22 min Scan# 1861
Delta R.T. -0.02 min
Lab File: BG030491.D
Acq: 27 Oct 2017 10:50

Tgt Ion:163 Resp: 39648
Ion Ratio Lower Upper
163 100
194 3.3 3.4 5.2#
164 11.5 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

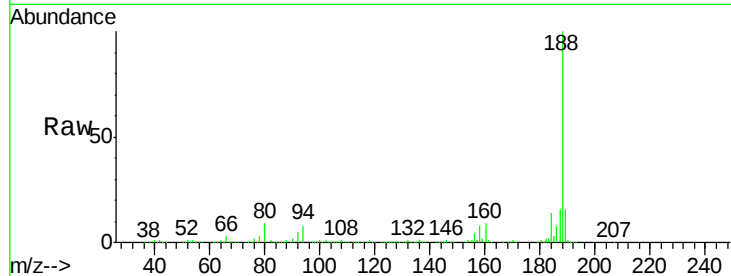




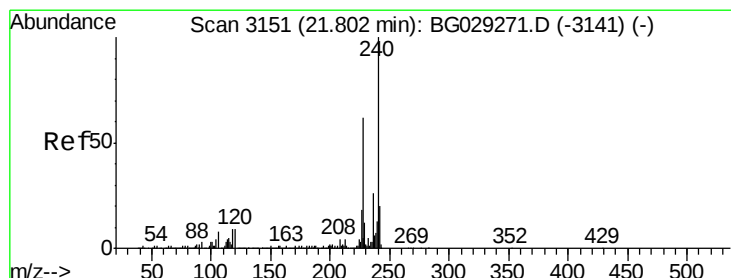
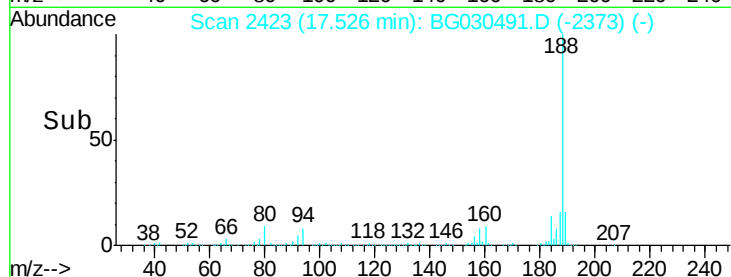
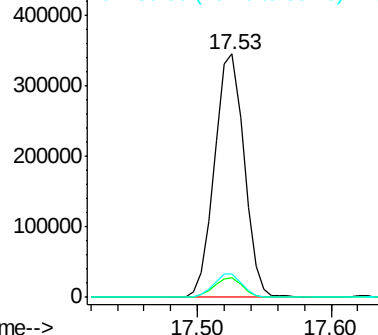
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2423
Delta R.T. -0.00 min
Lab File: BG030491.D
Acq: 27 Oct 2017 10:50

Instrument :
BNA_G
ClientSampleId :
SB-06-COMP

Tgt Ion:188 Resp: 527039
Ion Ratio Lower Upper
188 100
94 7.8 6.9 10.3
80 9.4 7.7 11.5

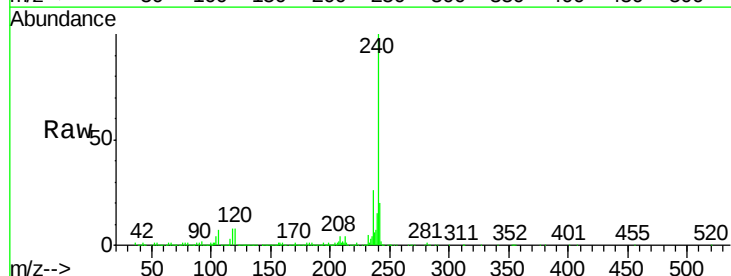


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

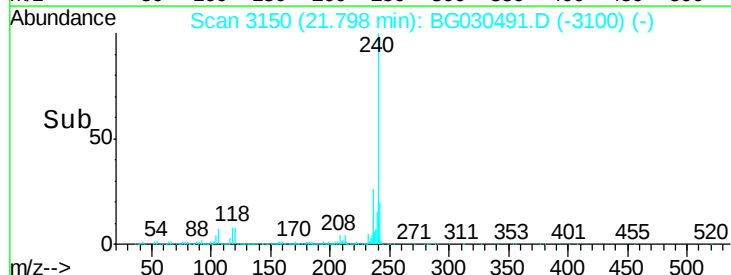
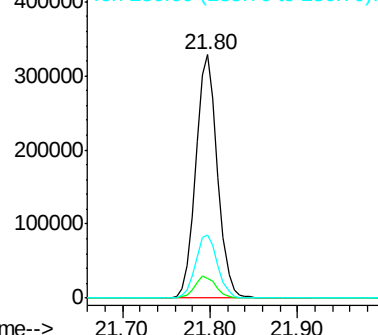


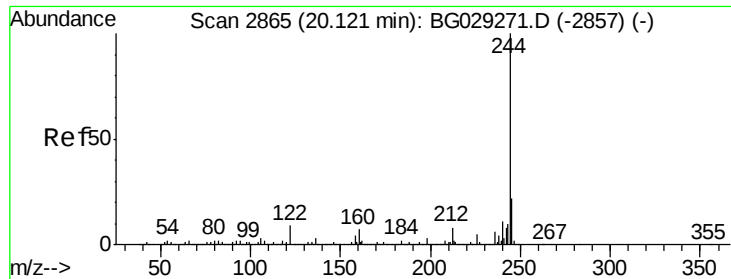
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3150
Delta R.T. -0.00 min
Lab File: BG030491.D
Acq: 27 Oct 2017 10:50

Tgt Ion:240 Resp: 558081
Ion Ratio Lower Upper
240 100
120 8.2 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: 83.788 ng

RT: 20.12 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG030491.D

Acq: 27 Oct 2017 10:50

Instrument :

BNA_G

ClientSampleId :

SB-06-COMP

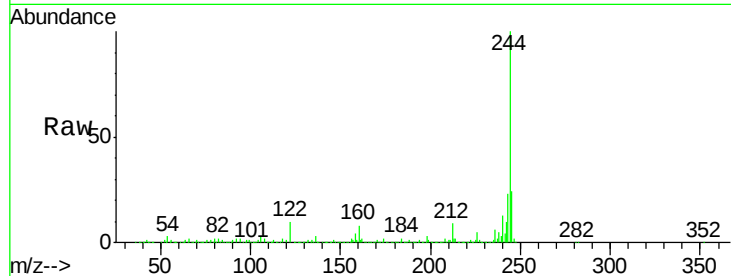
Tgt Ion:244 Resp: 2055466

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

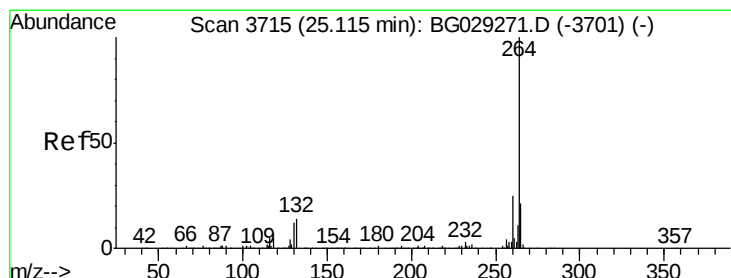
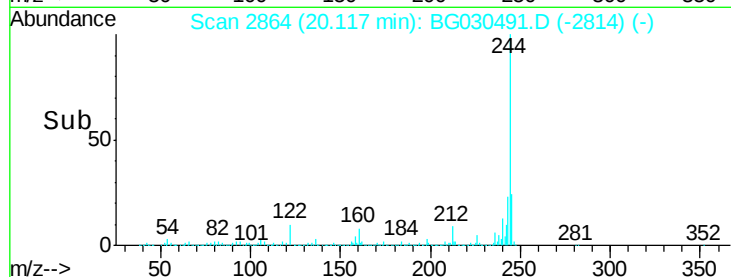
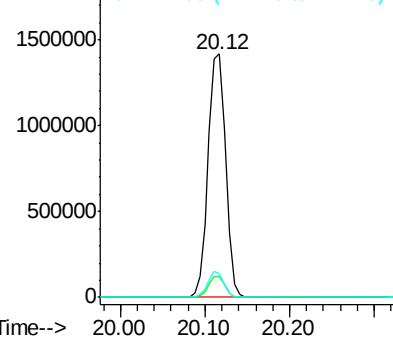
122 9.7 7.0 10.4



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

Perylene-d12

Concen: 20.000 ng

RT: 25.11 min Scan# 3714

Delta R.T. -0.00 min

Lab File: BG030491.D

Acq: 27 Oct 2017 10:50

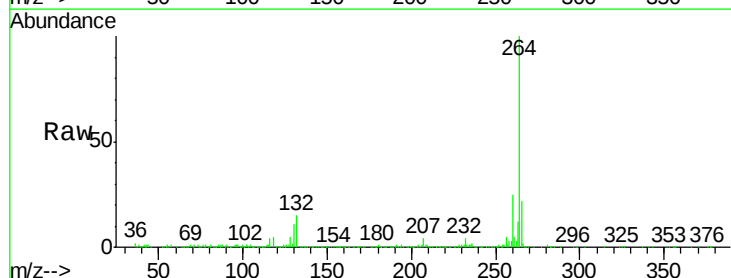
Tgt Ion:264 Resp: 555646

Ion Ratio Lower Upper

264 100

260 25.2 17.4 26.0

265 21.6 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

