

Data Path : Z:\HPCHEM1\BNA G\DATA\BG103117\
 Data File : BG030621.D
 Acq On : 31 Oct 2017 20:43
 Operator : SJ/JU
 Sample : I6178-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-120-3(25-27)

Quant Time: Nov 01 06:29:53 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

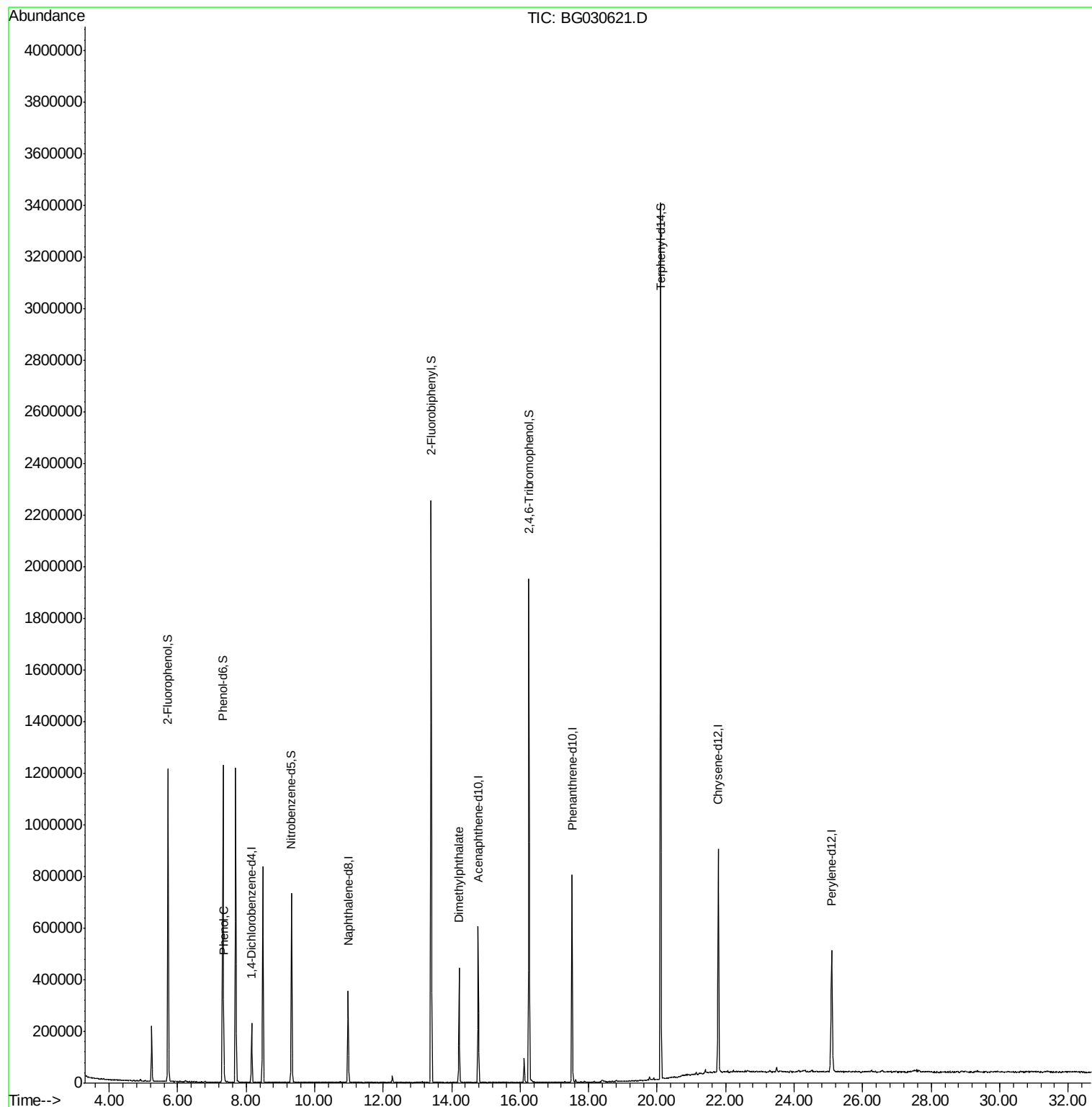
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	68831	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	323628	20.00	ng	-0.02
38) Acenaphthene-d10	14.78	164	217265	20.00	ng	-0.02
63) Phenanthrene-d10	17.52	188	494044	20.00	ng	-0.02
75) Chrysene-d12	21.79	240	531939	20.00	ng	-0.02
86) Perylene-d12	25.09	264	526343	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	556482	135.06	ng	0.00
7) Phenol-d6	7.32	99	771978	133.48	ng	0.00
23) Nitrobenzene-d5	9.32	82	447121	87.80	ng	-0.02
41) 2,4,6-Tribromophenol	16.26	330	390846	139.33	ng	-0.02
44) 2-Fluorobiphenyl	13.40	172	1210431	81.71	ng	-0.02
78) Terphenyl-d14	20.11	244	1579799	67.56	ng	-0.02
Target Compounds						
10) Phenol	7.34	94	58605	9.399	ng	94
49) Dimethylphthalate	14.22	163	321204	18.948	ng	99

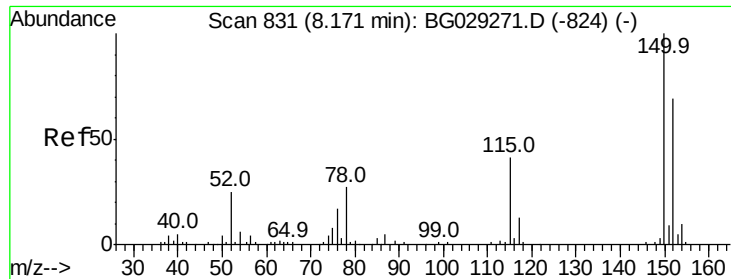
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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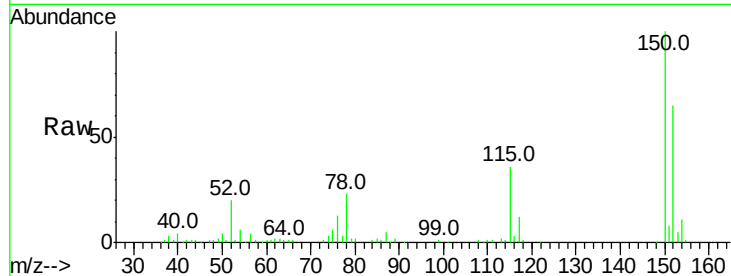


#1

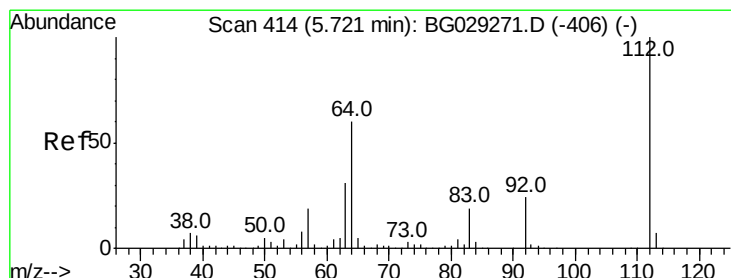
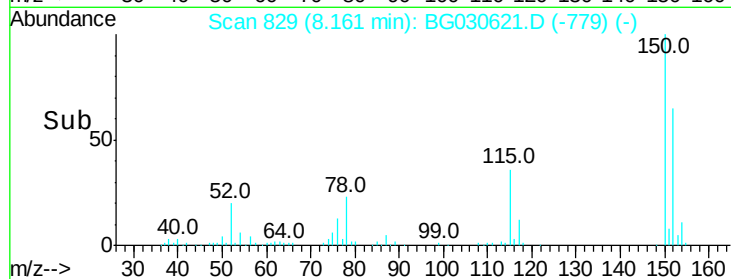
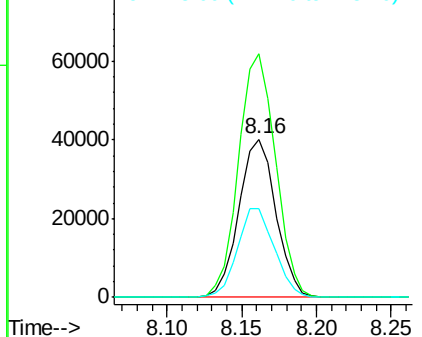
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 829
Delta R.T. -0.01 min
Lab File: BG030621.D
Acq: 31 Oct 2017 20:43

Instrument :
BNA_G
ClientSampleId :
EPE-120-3(25-27)

Tot Ion:152 Resp: 68831
Ion Ratio Lower Upper
152 100
150 154.0 126.6 189.8
115 56.2 53.0 79.4



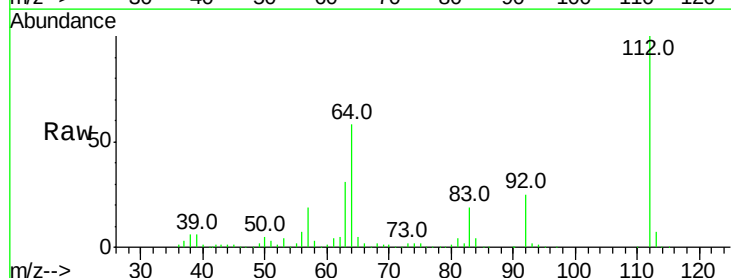
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



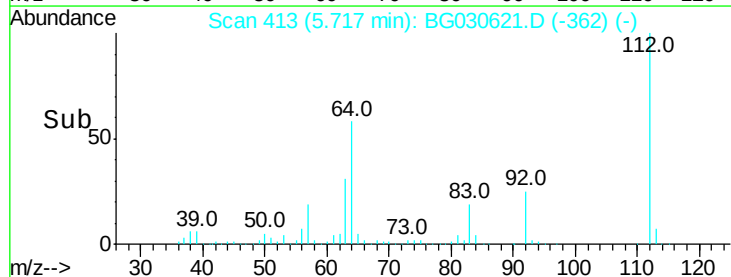
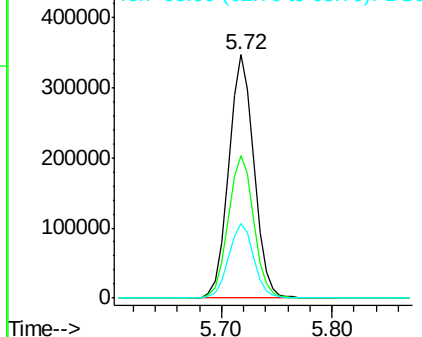
#5

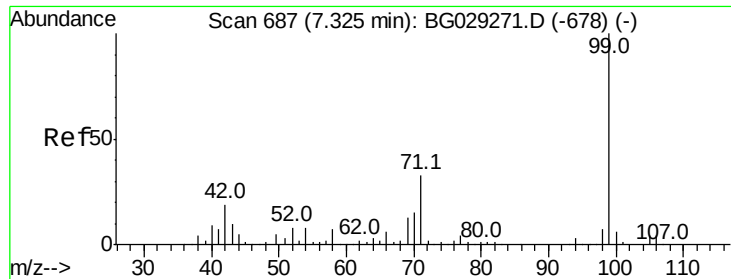
2-Fluorophenol
Concen: 135.060 ng
RT: 5.72 min Scan# 413
Delta R.T. -0.00 min
Lab File: BG030621.D
Acq: 31 Oct 2017 20:43

Tgt Ion:112 Resp: 556482
Ion Ratio Lower Upper
112 100
64 58.4 56.3 84.5
63 30.6 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: 133.481 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG030621.D

Acq: 31 Oct 2017 20:43

Instrument :

BNA_G

ClientSampleId :

EPE-120-3(25-27)

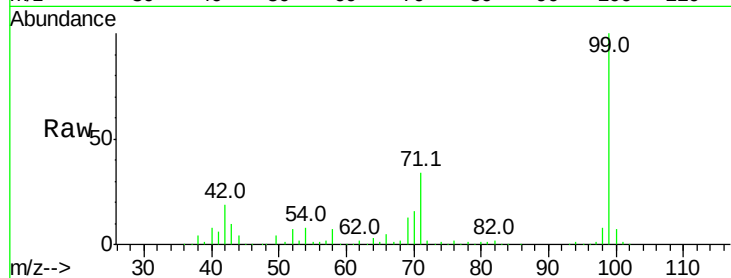
Tot Ion: 99 Resp: 771978

Ion Ratio Lower Upper

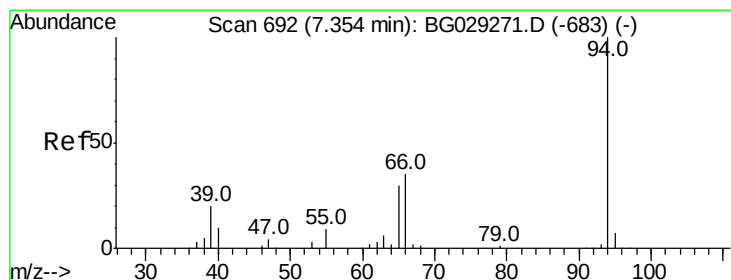
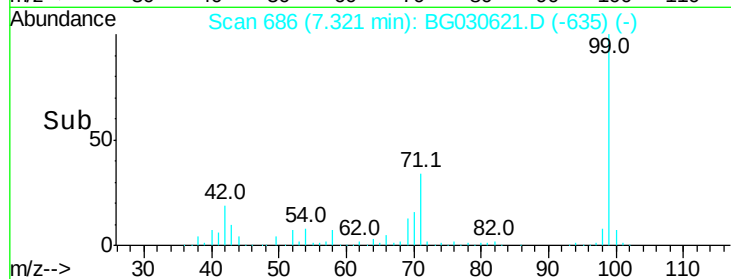
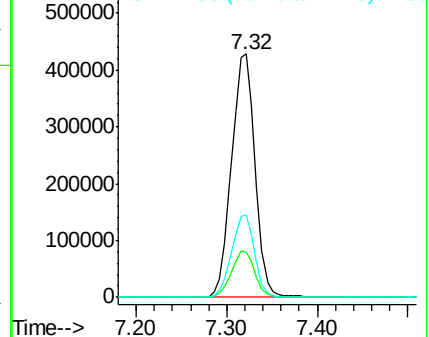
99 100

42 18.8 14.1 21.1

71 33.7 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: 9.399 ng

RT: 7.34 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG030621.D

Acq: 31 Oct 2017 20:43

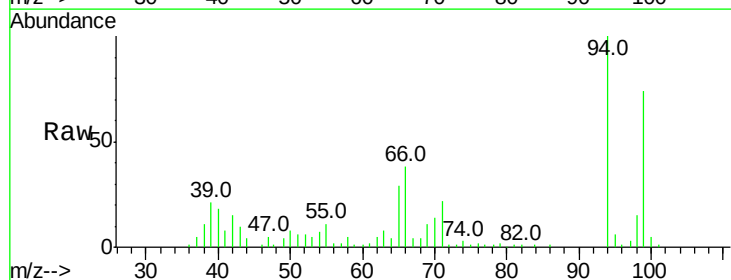
Tgt Ion: 94 Resp: 58605

Ion Ratio Lower Upper

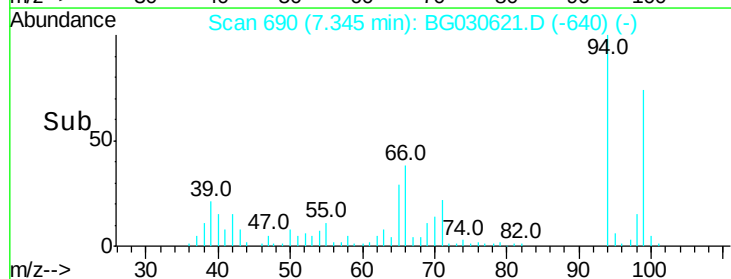
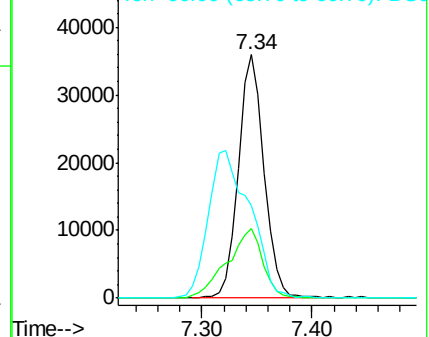
94 100

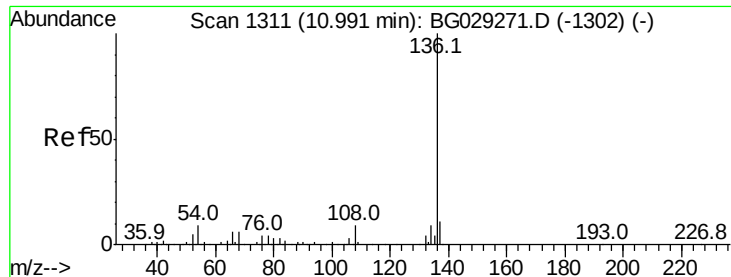
65 28.8 11.9 51.9

66 38.2 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# 1308

Delta R.T. -0.02 min

Lab File: BG030621.D

Acq: 31 Oct 2017 20:43

Instrument :

BNA_G

ClientSampleId :

EPE-120-3(25-27)

Tot Ion:136 Resp: 323628

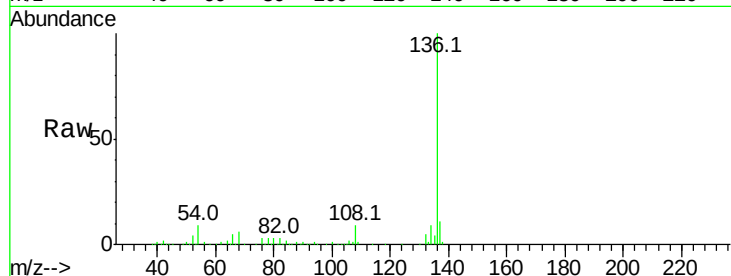
Ion Ratio Lower Upper

136 100

137 11.3 9.2 13.8

54 9.0 10.3 15.5#

68 6.5 4.5 6.7

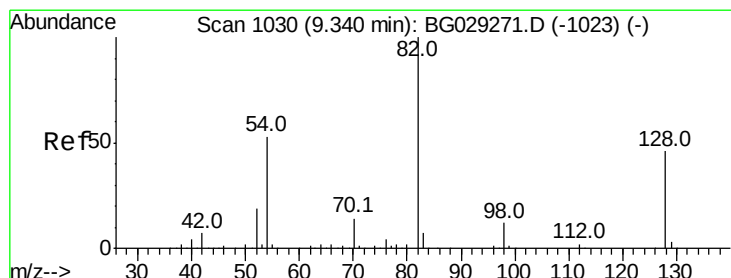
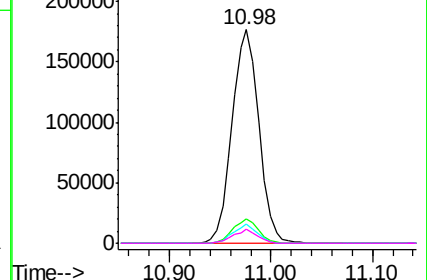
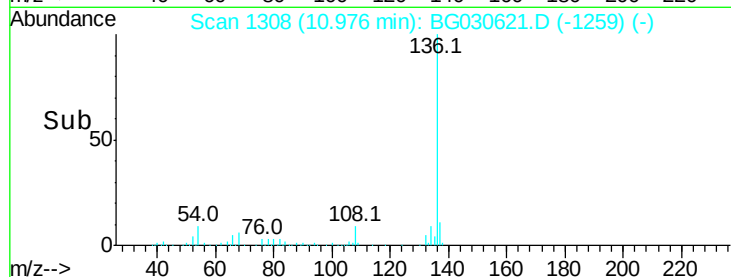


Abundance Ion 136.00 (135.70 to 136.70): E

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: 87.796 ng

RT: 9.32 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BG030621.D

Acq: 31 Oct 2017 20:43

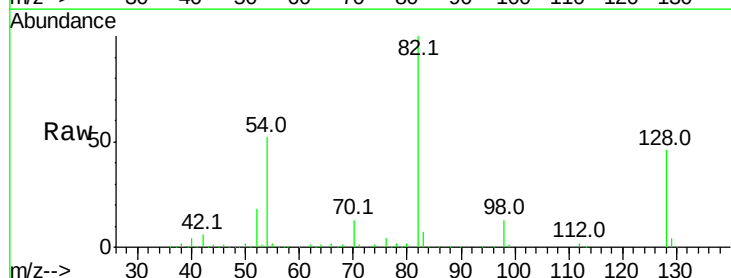
Tgt Ion: 82 Resp: 447121

Ion Ratio Lower Upper

82 100

128 46.1 29.7 44.5#

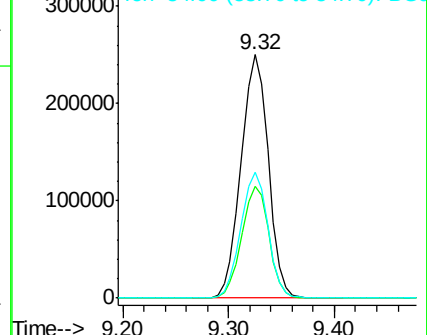
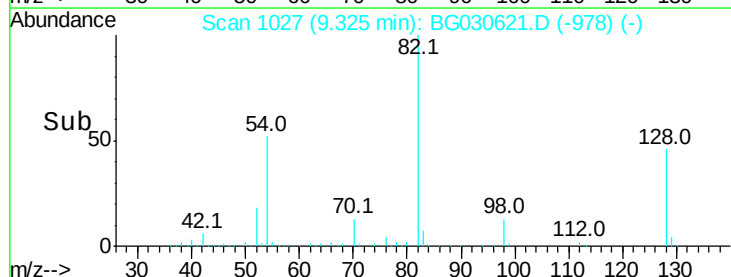
54 51.6 43.1 64.7

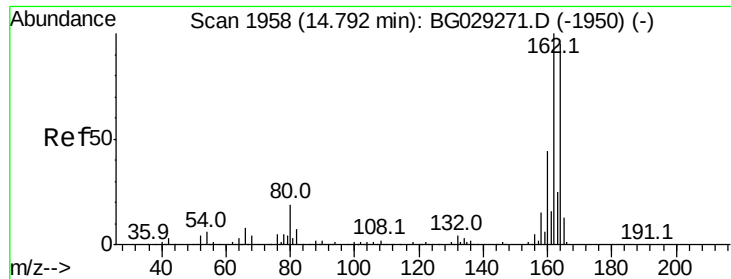


Abundance Ion 82.00 (81.70 to 82.70): BGC

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: 14.78 min Scan# 1955

Delta R.T. -0.02 min

Lab File: BG030621.D

Acq: 31 Oct 2017 20:43

Instrument :

BNA_G

ClientSampleId :

EPE-120-3(25-27)

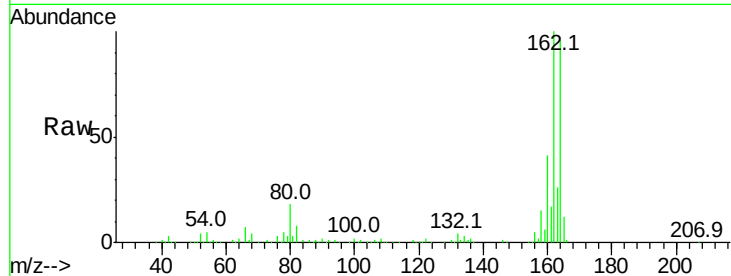
Tot Ion:164 Resp: 217265

Ion Ratio Lower Upper

164 100

162 104.7 78.8 118.2

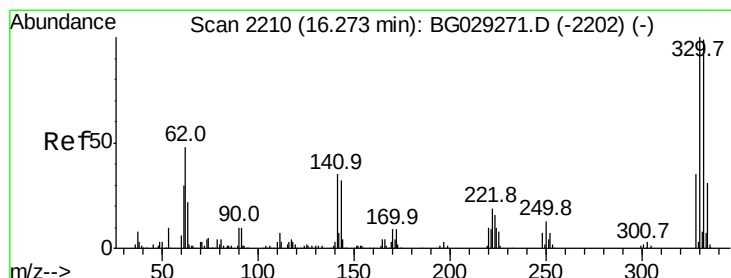
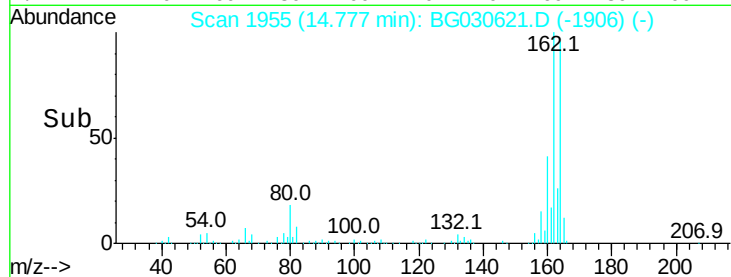
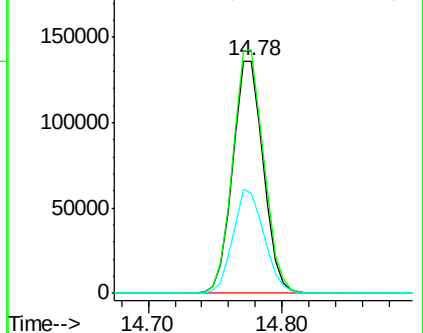
160 43.4 35.4 53.0



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: 139.333 ng

RT: 16.26 min Scan# 2207

Delta R.T. -0.02 min

Lab File: BG030621.D

Acq: 31 Oct 2017 20:43

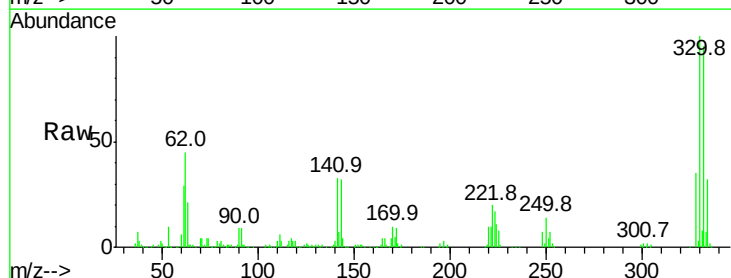
Tgt Ion:330 Resp: 390846

Ion Ratio Lower Upper

330 100

332 95.4 77.0 115.6

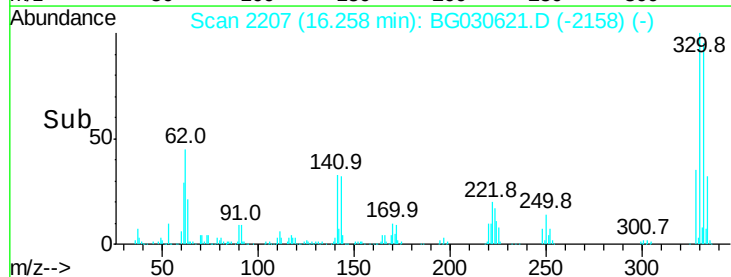
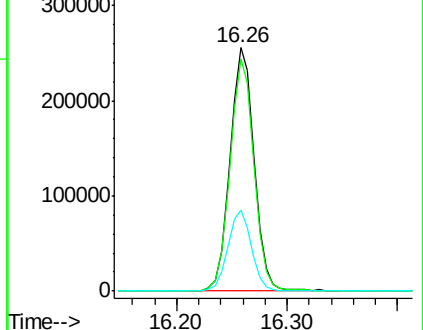
141 32.7 25.2 37.8

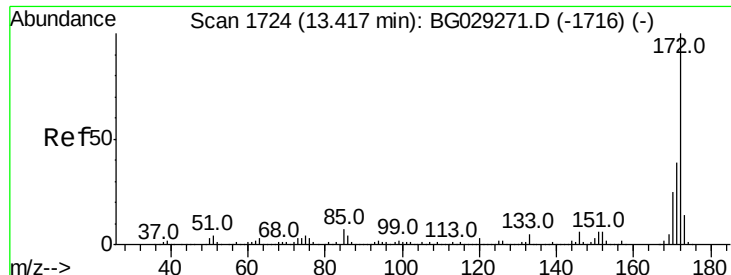


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

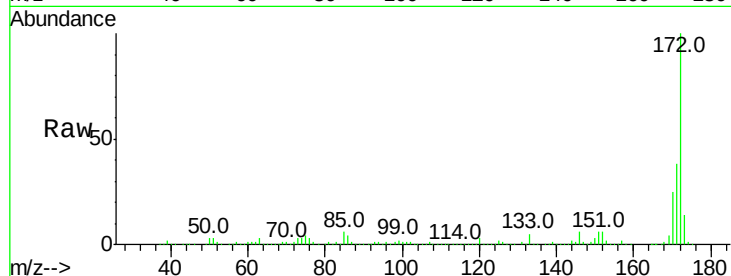




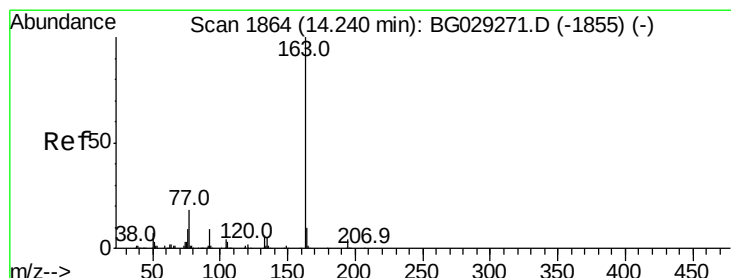
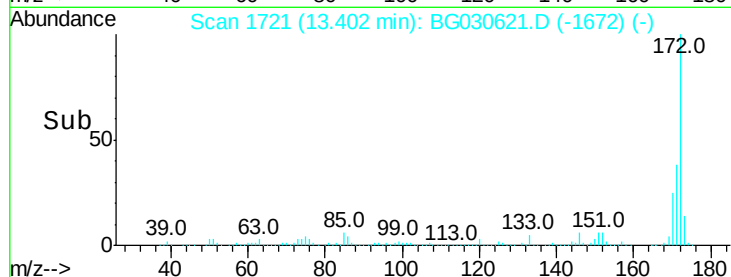
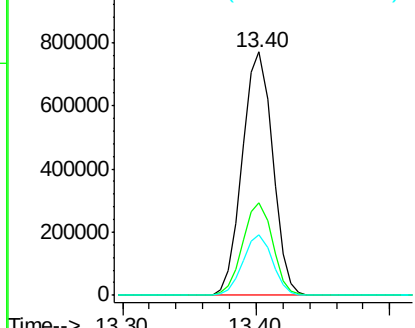
#44
2-Fluorobiphenyl
Concen: 81.711 ng
RT: 13.40 min Scan# 1721
Delta R.T. -0.02 min
Lab File: BG030621.D
Acq: 31 Oct 2017 20:43

Instrument :
BNA_G
ClientSampleId :
EPE-120-3(25-27)

Tot Ion:172 Resp: 1210431
Ion Ratio Lower Upper
172 100
171 38.2 30.0 45.0
170 24.9 19.5 29.3

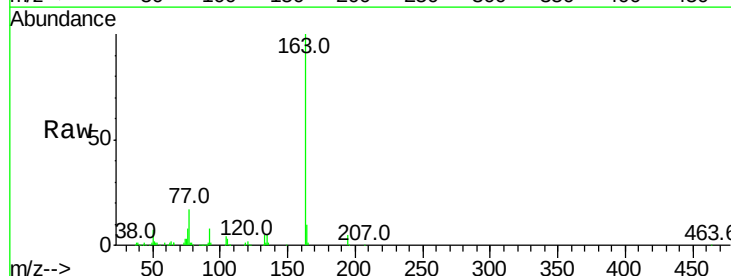


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

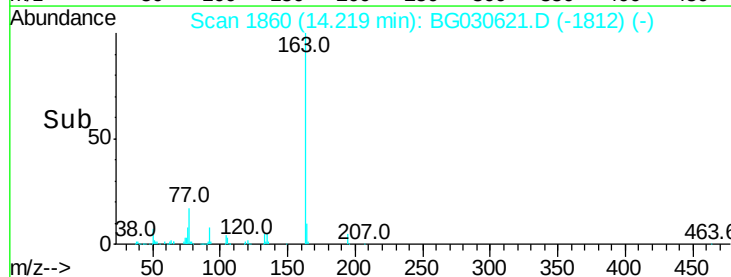
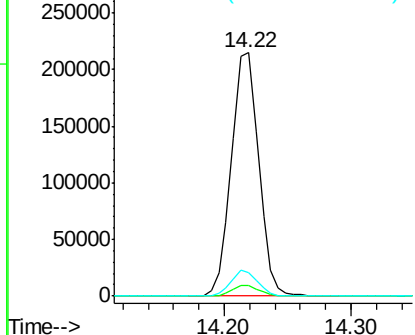


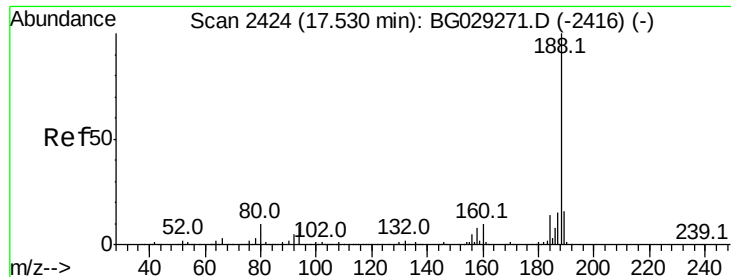
#49
Dimethylphthalate
Concen: 18.948 ng
RT: 14.22 min Scan# 1860
Delta R.T. -0.02 min
Lab File: BG030621.D
Acq: 31 Oct 2017 20:43

Tgt Ion:163 Resp: 321204
Ion Ratio Lower Upper
163 100
194 4.6 3.4 5.2
164 9.8 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

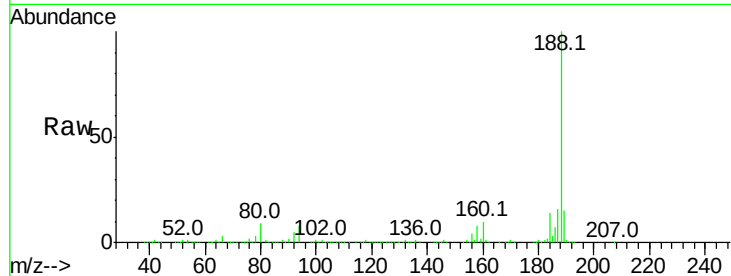




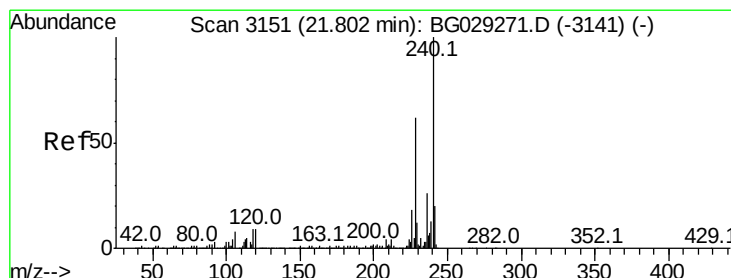
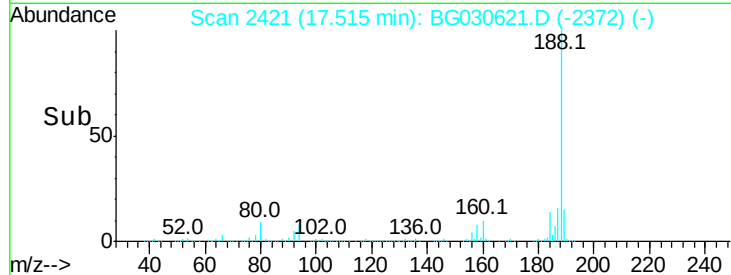
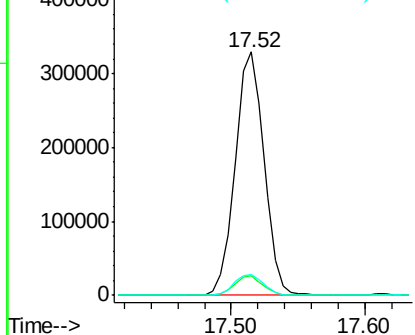
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2421
Delta R.T. -0.02 min
Lab File: BG030621.D
Acq: 31 Oct 2017 20:43

Instrument :
BNA_G
ClientSampleId :
EPE-120-3(25-27)

Tot Ion:188 Resp: 494044
Ion Ratio Lower Upper
188 100
94 8.2 6.9 10.3
80 8.8 7.7 11.5

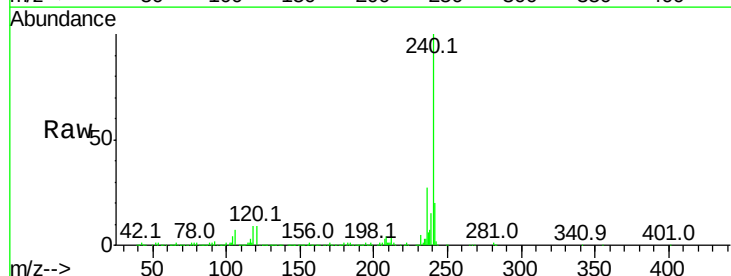


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

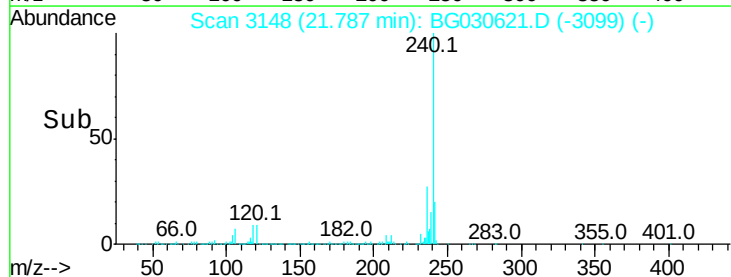
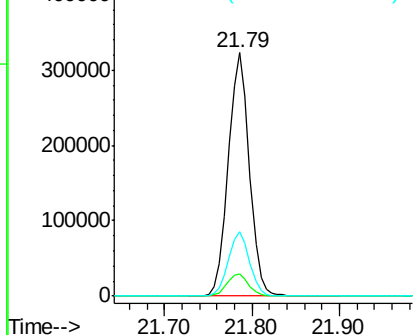


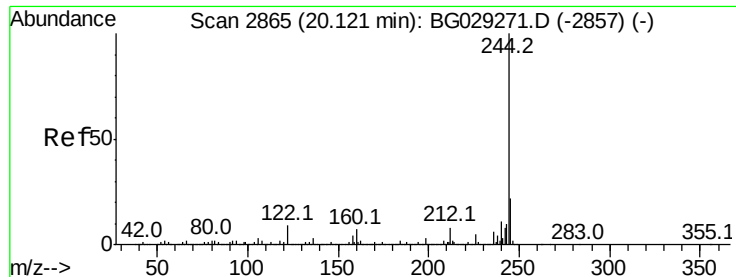
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3148
Delta R.T. -0.02 min
Lab File: BG030621.D
Acq: 31 Oct 2017 20:43

Tgt Ion:240 Resp: 531939
Ion Ratio Lower Upper
240 100
120 9.3 6.8 10.2
236 26.5 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: 67.563 ng

RT: 20.11 min Scan# 2862

Delta R.T. -0.02 min

Lab File: BG030621.D

Acq: 31 Oct 2017 20:43

Instrument :

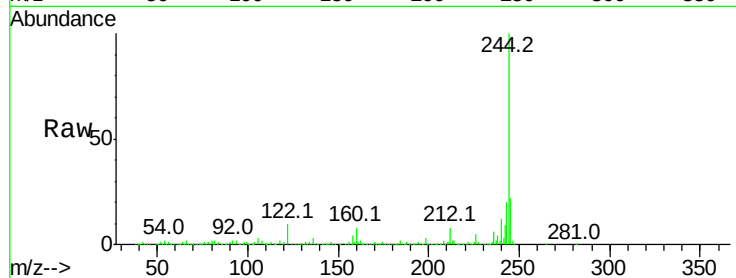
BNA_G

ClientSampleId :

EPE-120-3(25-27)

Tot Ion:244 Resp: 1579799

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.8	8.8
122	9.6	7.0	10.4

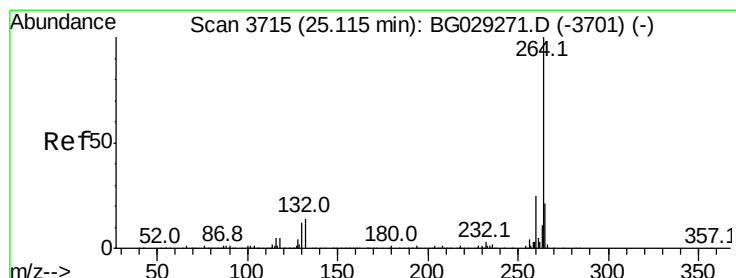
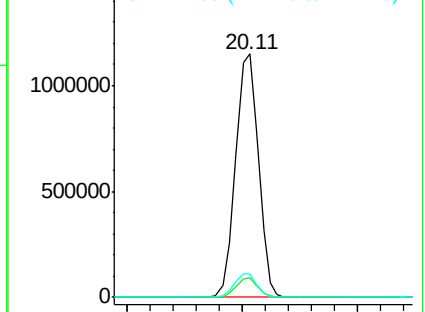
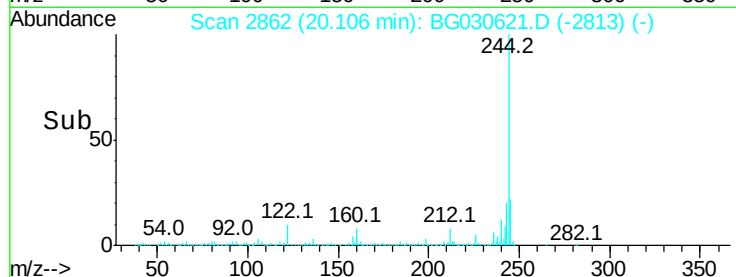


Abundance

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: 25.09 min Scan# 3711

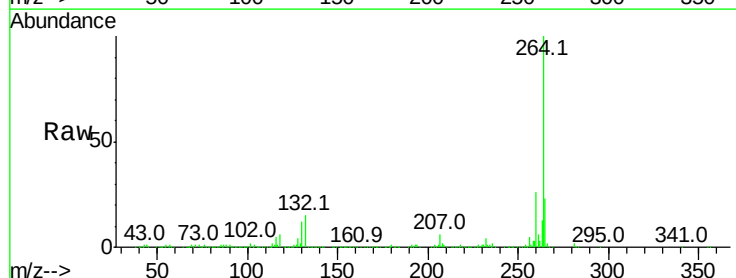
Delta R.T. -0.02 min

Lab File: BG030621.D

Acq: 31 Oct 2017 20:43

Tgt Ion:264 Resp: 526343

Ion	Ratio	Lower	Upper
264	100		
260	25.7	17.4	26.0
265	22.5	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

