

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102817\
 Data File : BG030537.D
 Acq On : 28 Oct 2017 21:21
 Operator : SJ/JU
 Sample : I6071-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ENV-116-5(45-50)

Quant Time: Oct 30 14:09:26 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

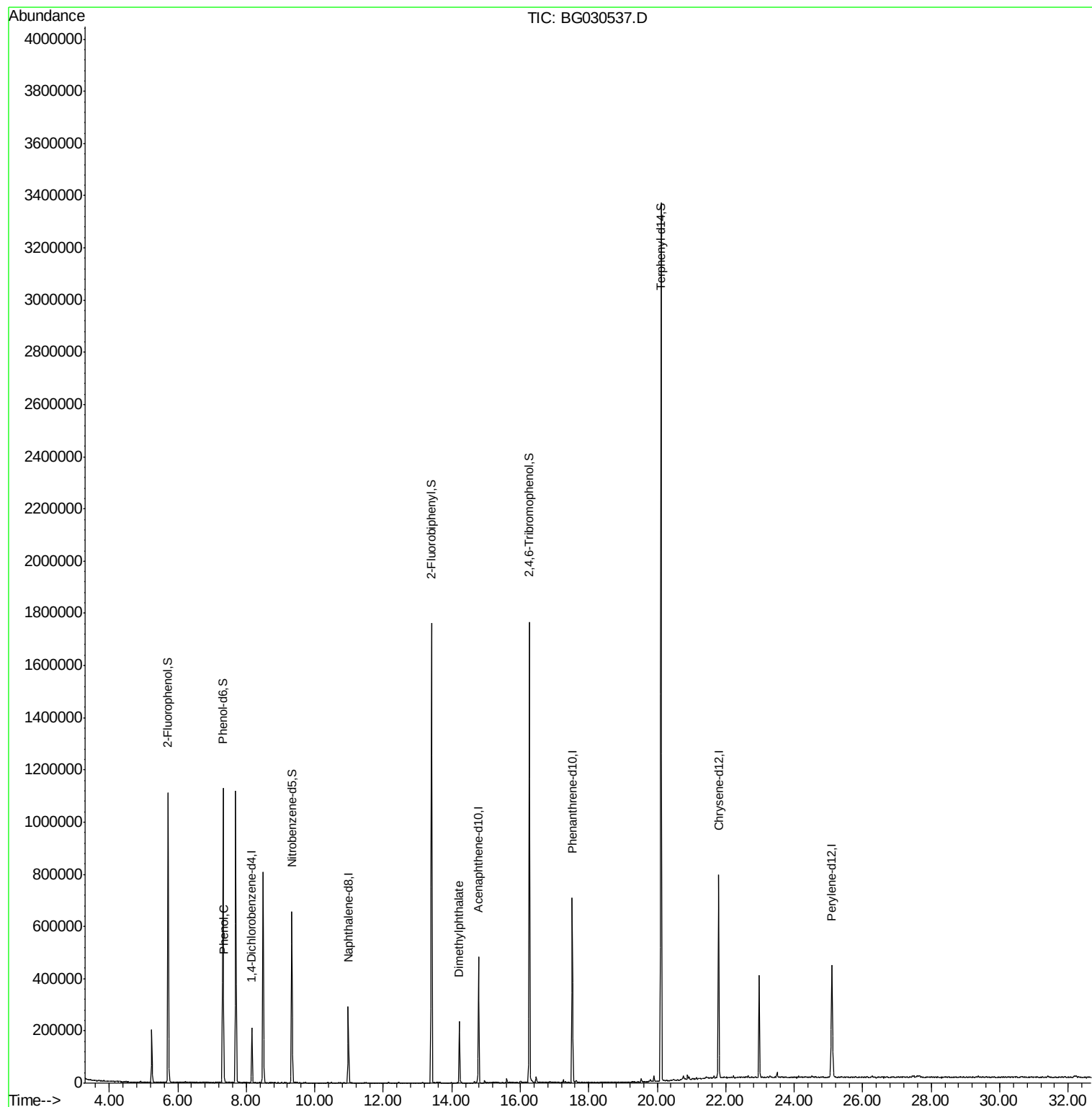
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	61251	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	262175	20.00	ng	-0.01
38) Acenaphthene-d10	14.78	164	175247	20.00	ng	-0.01
63) Phenanthrene-d10	17.52	188	444370	20.00	ng	-0.01
75) Chrysene-d12	21.79	240	482549	20.00	ng	-0.01
86) Perylene-d12	25.10	264	477536	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	522503	142.51	ng	0.00
7) Phenol-d6	7.32	99	686181	133.33	ng	0.00
23) Nitrobenzene-d5	9.33	82	394318	95.58	ng	-0.01
41) 2,4,6-Tribromophenol	16.27	330	360219	159.20	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	999276	83.63	ng	0.00
78) Terphenyl-d14	20.11	244	1560364	73.56	ng	-0.01
Target Compounds						
10) Phenol	7.34	94	16723	3.014	ng	86
49) Dimethylphthalate	14.22	163	163007	11.922	ng	99

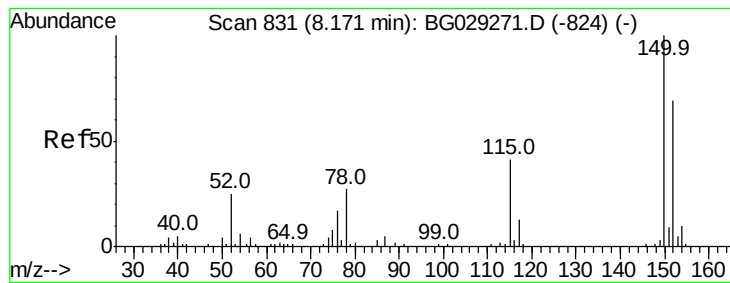
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG030537.D

Acq: 28 Oct 2017 21:21

Instrument :

BNA_G

ClientSampleId :

ENV-116-5(45-50)

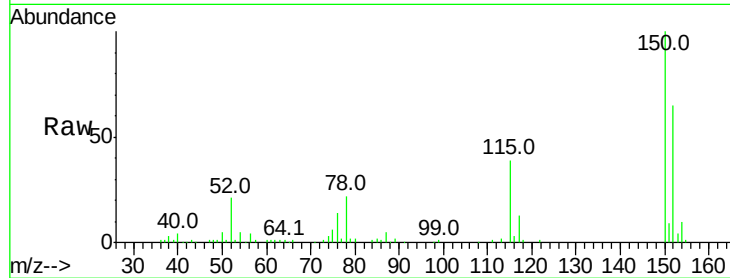
Tot Ion:152 Resp: 61251

Ion Ratio Lower Upper

152 100

150 153.4 126.6 189.8

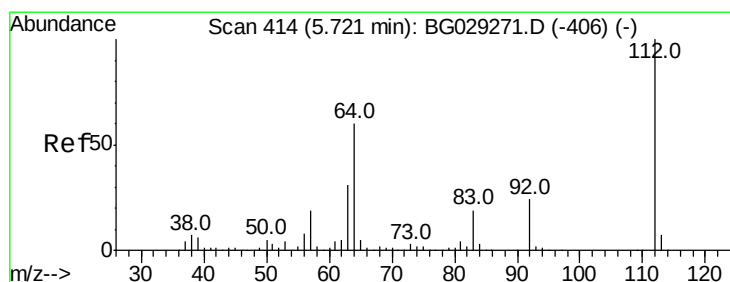
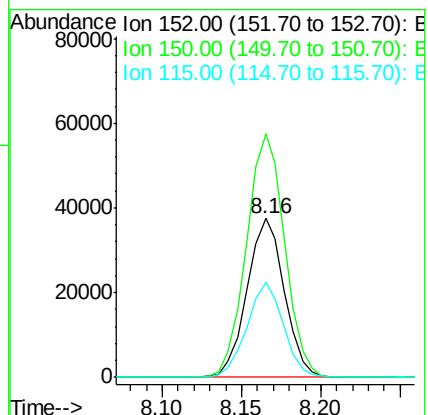
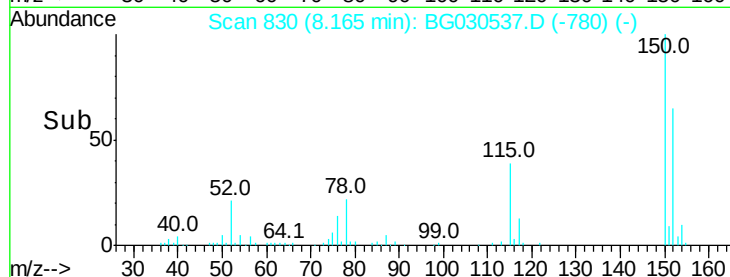
115 59.7 53.0 79.4



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: 142.507 ng

RT: 5.71 min Scan# 413

Delta R.T. -0.01 min

Lab File: BG030537.D

Acq: 28 Oct 2017 21:21

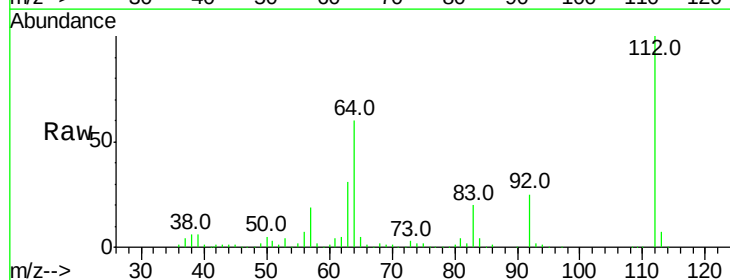
Tgt Ion:112 Resp: 522503

Ion Ratio Lower Upper

112 100

64 60.1 56.3 84.5

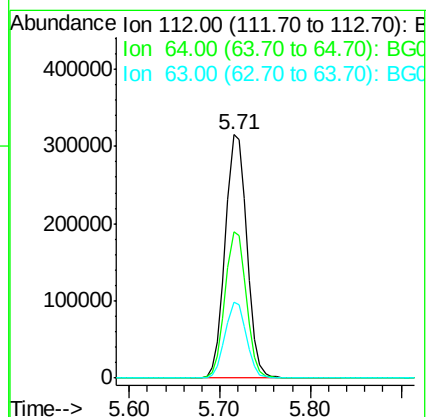
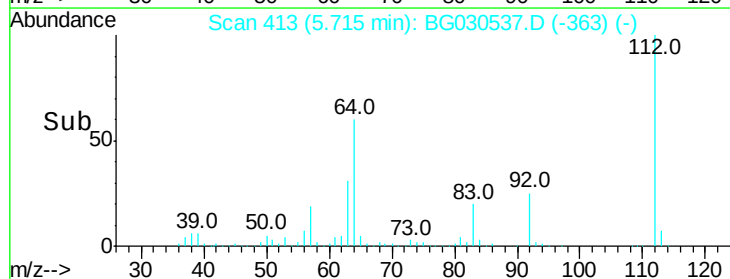
63 31.1 30.1 45.1

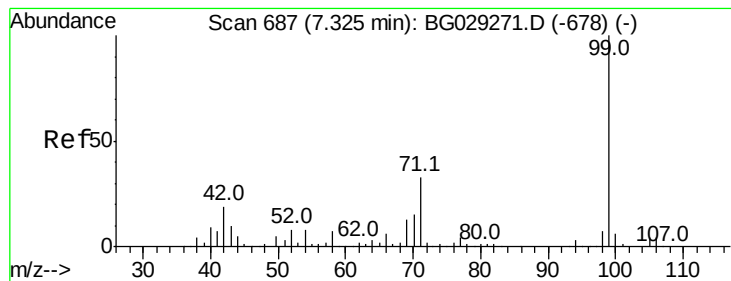


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 133.329 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG030537.D

Acq: 28 Oct 2017 21:21

Instrument :

BNA_G

ClientSampleId :

ENV-116-5(45-50)

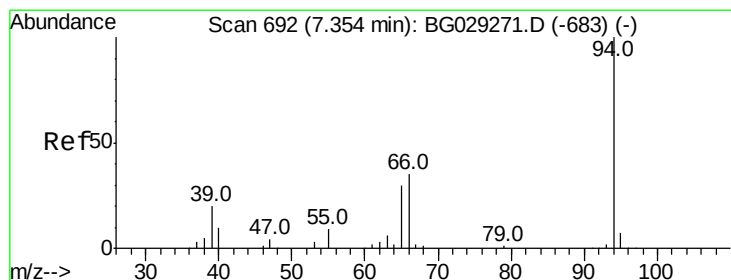
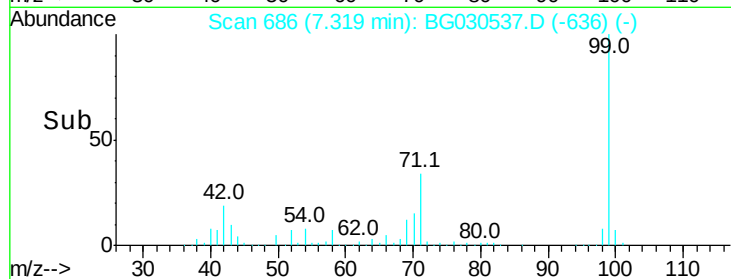
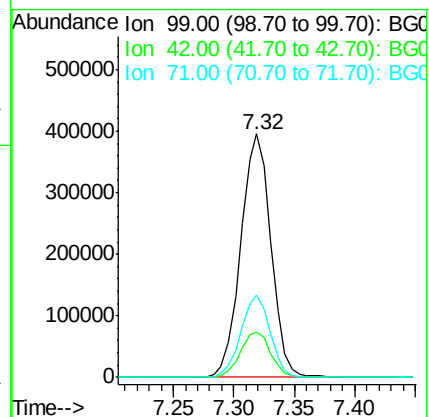
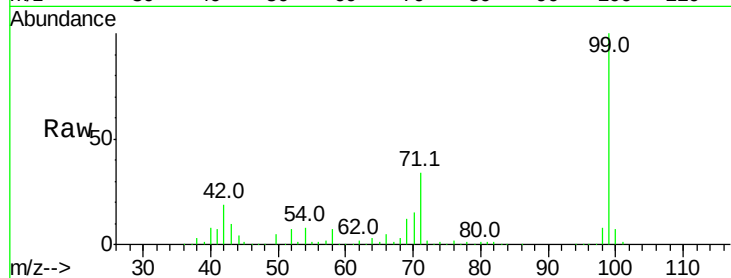
Tot Ion: 99 Resp: 686181

Ion Ratio Lower Upper

99 100

42 18.7 14.1 21.1

71 33.7 26.1 39.1



#10

Phenol

Concen: 3.014 ng

RT: 7.34 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG030537.D

Acq: 28 Oct 2017 21:21

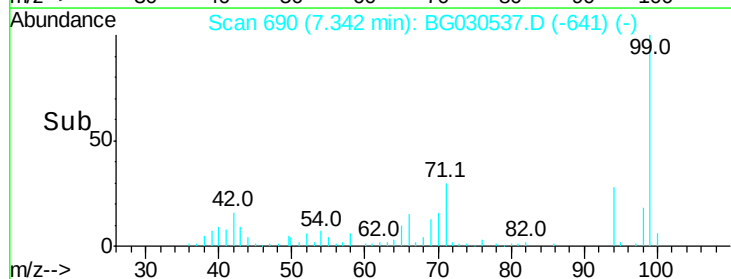
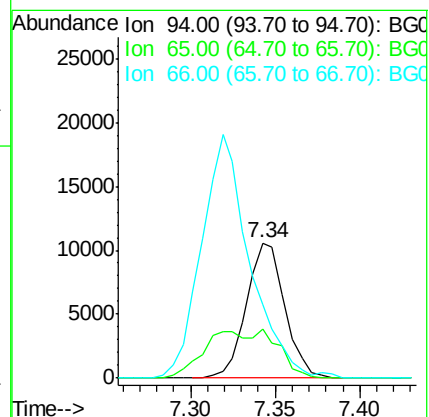
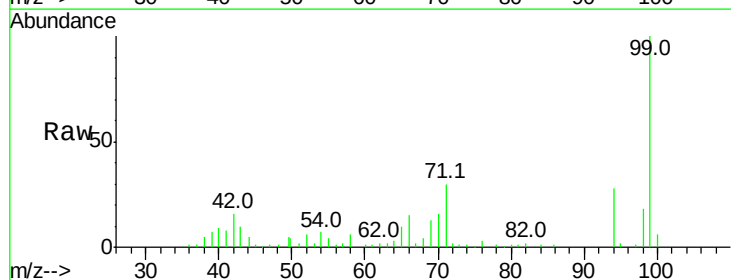
Tgt Ion: 94 Resp: 16723

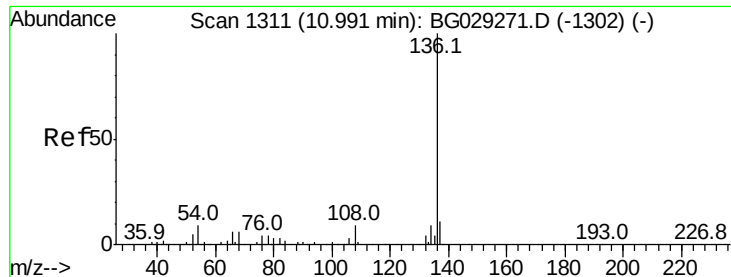
Ion Ratio Lower Upper

94 100

65 36.1 11.9 51.9

66 54.5 22.2 62.2

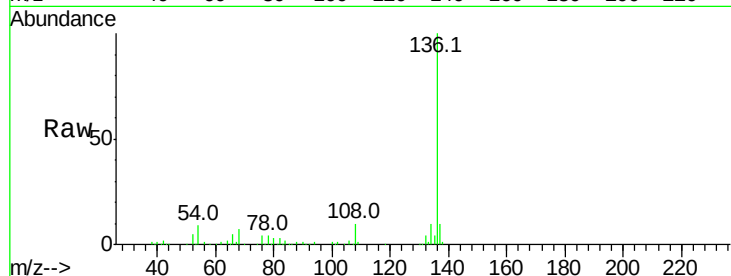




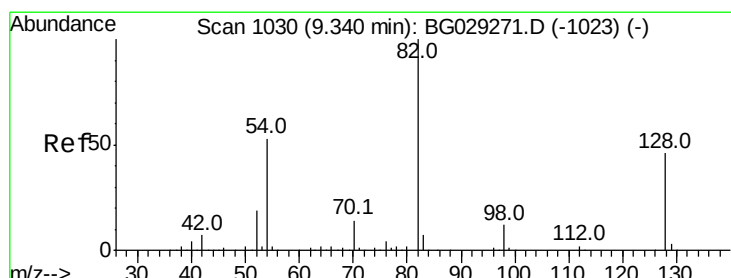
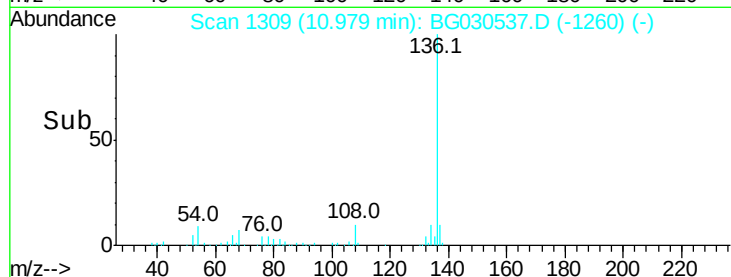
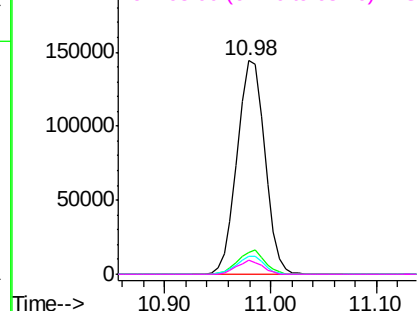
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BG030537.D
Acq: 28 Oct 2017 21:21

Instrument :
BNA_G
ClientSampleId :
ENV-116-5(45-50)

Tot Ion:136	Resp:	262175
Ion Ratio	Lower	Upper
136	100	
137	10.3	9.2 13.8
54	8.6	10.3 15.5#
68	6.6	4.5 6.7

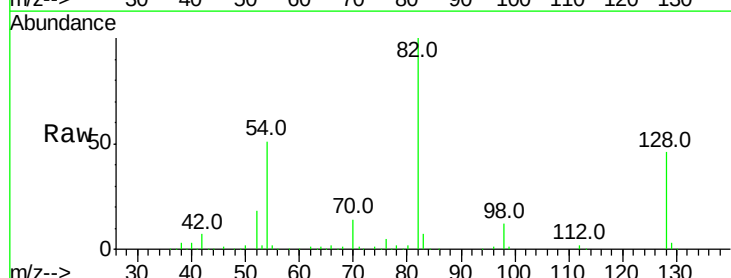


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

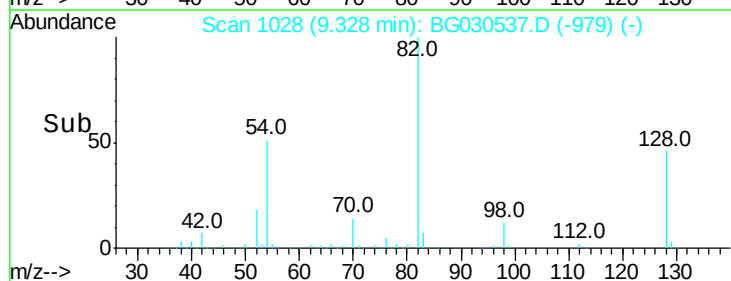
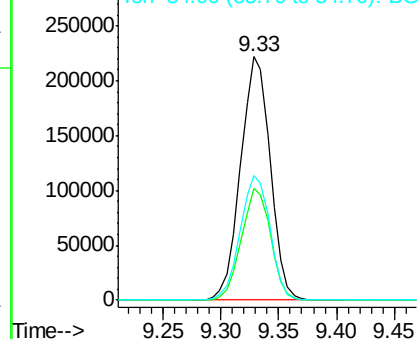


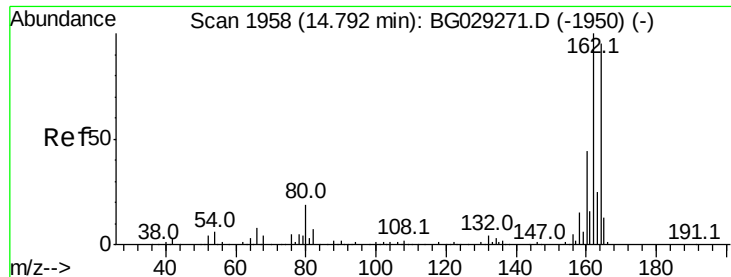
#23
Nitrobenzene-d5
Concen: 95.577 ng
RT: 9.33 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG030537.D
Acq: 28 Oct 2017 21:21

Tgt Ion: 82	Resp:	394318
Ion Ratio	Lower	Upper
82	100	
128	46.1	29.7 44.5#
54	51.4	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

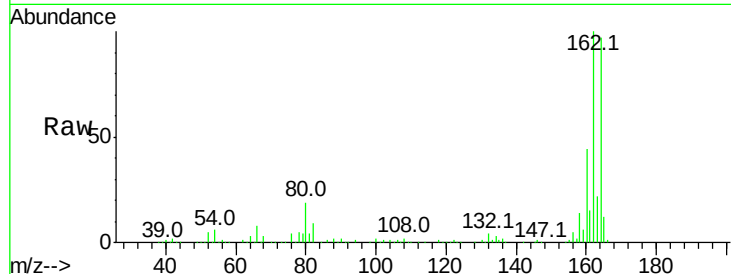




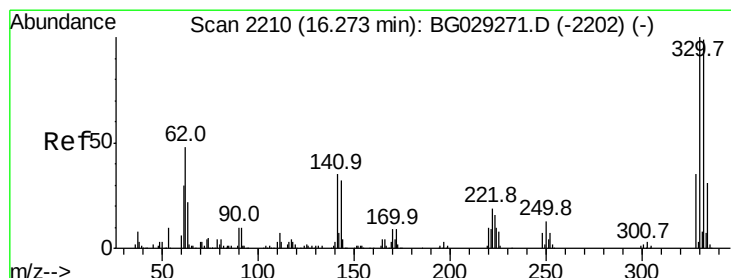
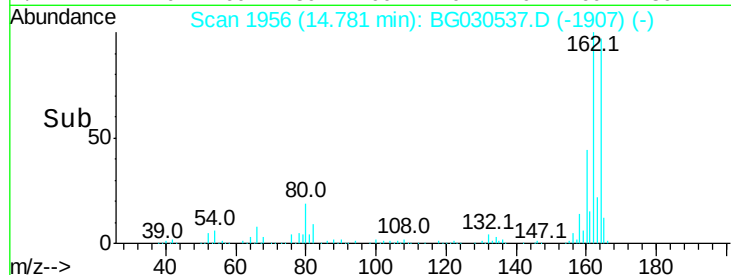
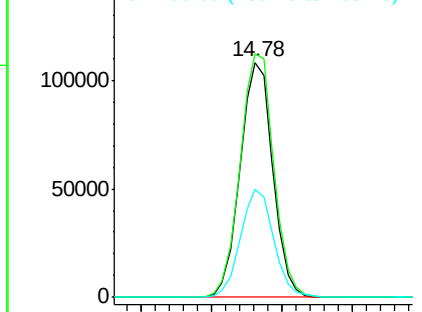
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.78 min Scan# 1956
 Delta R.T. -0.01 min
 Lab File: BG030537.D
 Acq: 28 Oct 2017 21:21

Instrument :
 BNA_G
 ClientSampleId :
 ENV-116-5(45-50)

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.5	78.8	118.2
160	46.0	35.4	53.0

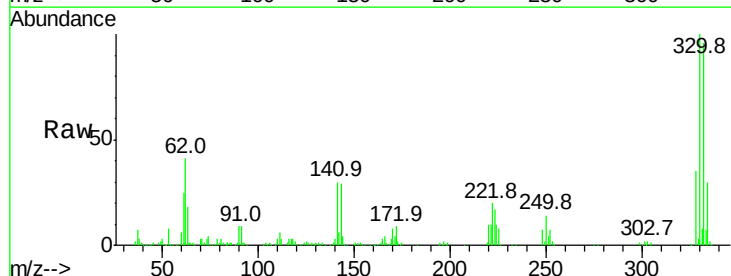


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

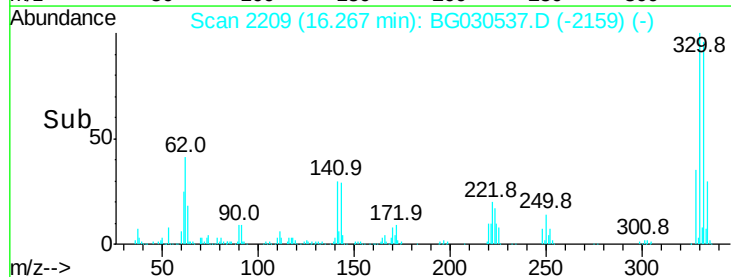
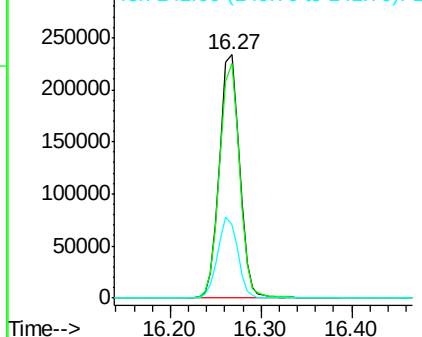


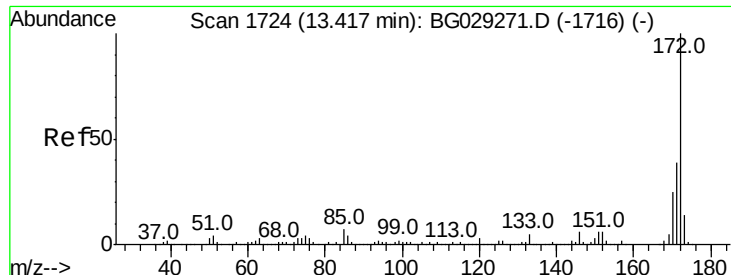
#41
 2,4,6-Tribromophenol
 Concen: 159.205 ng
 RT: 16.27 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: BG030537.D
 Acq: 28 Oct 2017 21:21

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	33.0	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

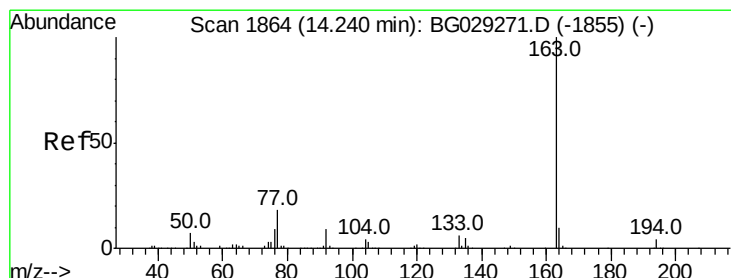
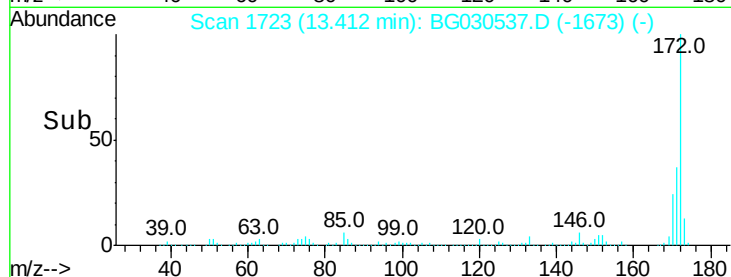
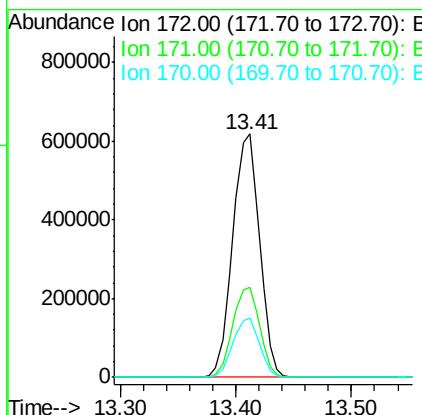
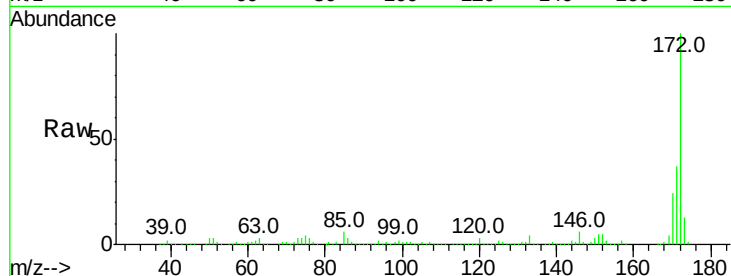




#44
2-Fluorobiphenyl
Concen: 83.630 ng
RT: 13.41 min Scan# 1723
Delta R.T. -0.01 min
Lab File: BG030537.D
Acq: 28 Oct 2017 21:21

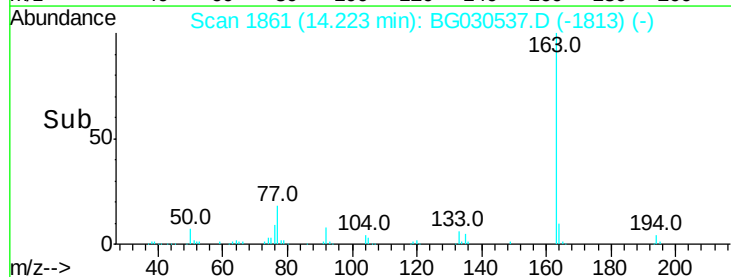
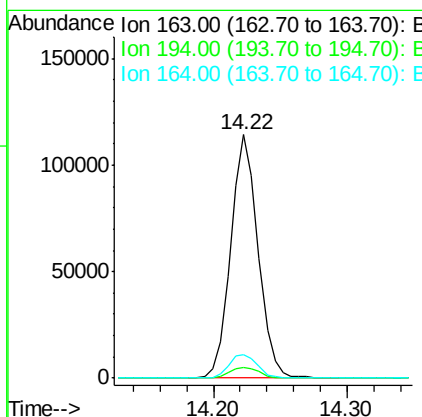
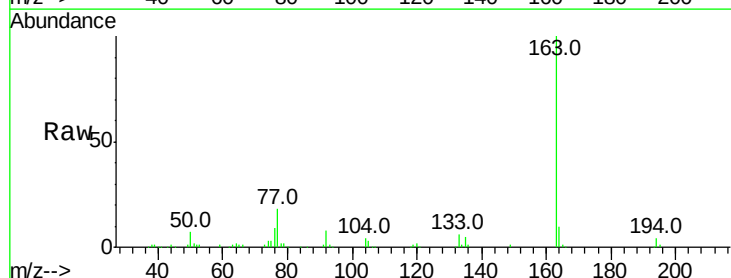
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ENV-116-5(45-50)

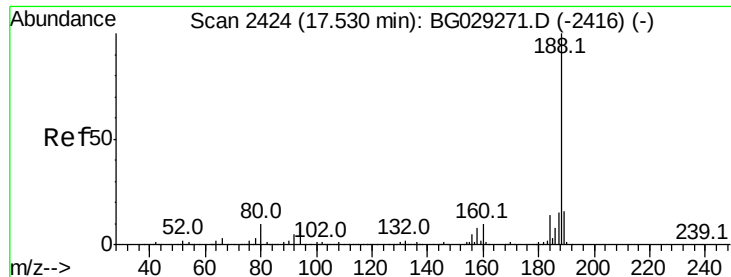
Tot Ion:172 Resp: 999276
Ion Ratio Lower Upper
172 100
171 37.1 30.0 45.0
170 24.2 19.5 29.3



#49
Dimethylphthalate
Concen: 11.922 ng
RT: 14.22 min Scan# 1861
Delta R.T. -0.02 min
Lab File: BG030537.D
Acq: 28 Oct 2017 21:21

Tgt Ion:163 Resp: 163007
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 9.7 8.2 12.4

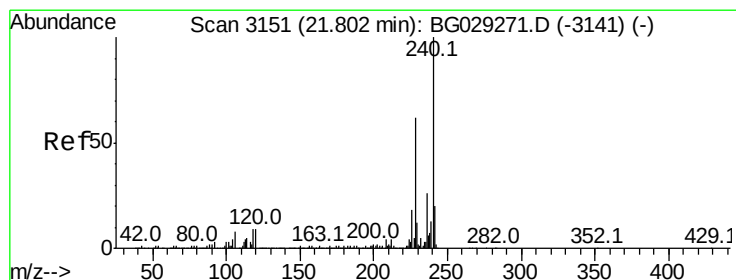
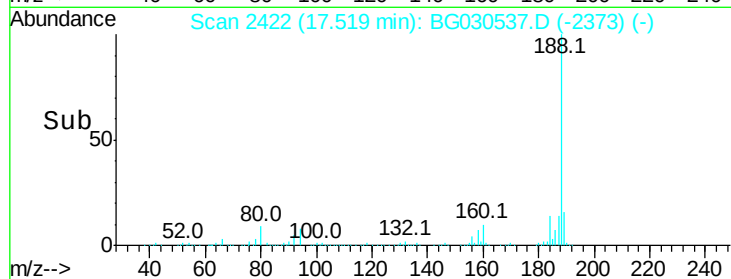
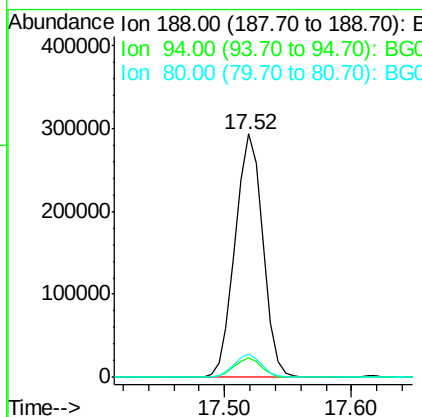
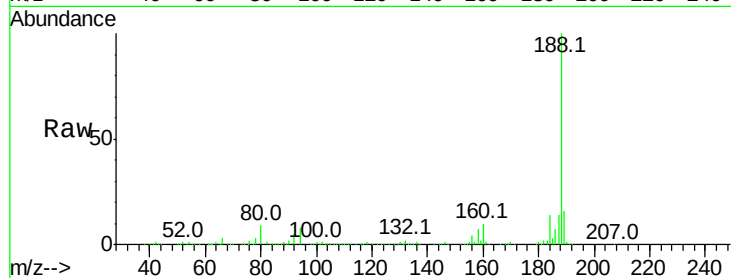




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG030537.D
Acq: 28 Oct 2017 21:21

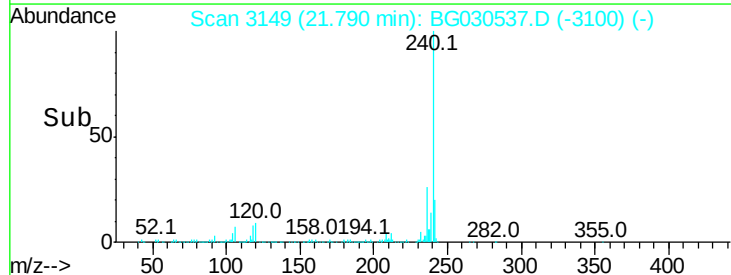
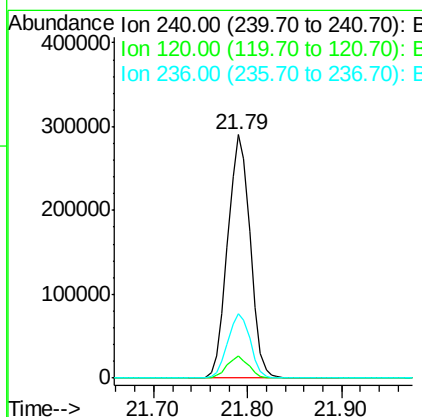
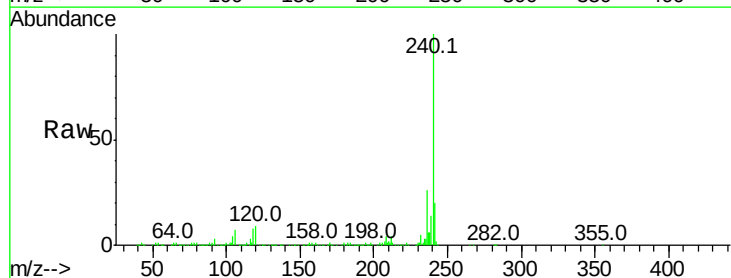
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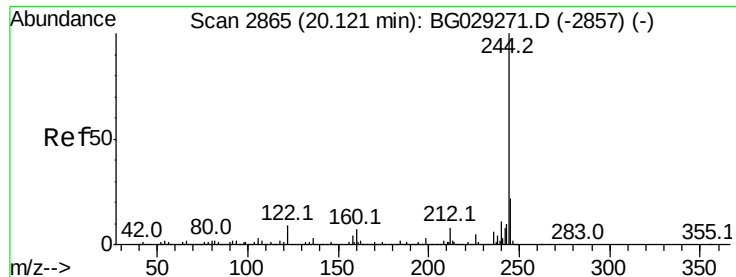
Tot Ion:188 Resp: 444370
Ion Ratio Lower Upper
188 100
94 7.9 6.9 10.3
80 9.5 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3149
Delta R.T. -0.01 min
Lab File: BG030537.D
Acq: 28 Oct 2017 21:21

Tgt Ion:240 Resp: 482549
Ion Ratio Lower Upper
240 100
120 9.2 6.8 10.2
236 26.4 20.9 31.3





#78

Terphenyl-d14

Concen: 73.562 ng

RT: 20.11 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG030537.D

Acq: 28 Oct 2017 21:21

Instrument :

BNA_G

ClientSampleId :

ENV-116-5(45-50)

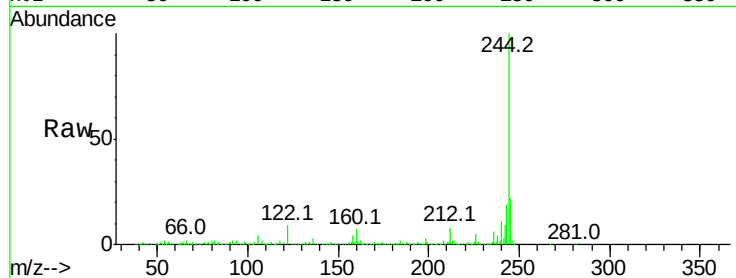
Tot Ion:244 Resp: 1560364

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.8

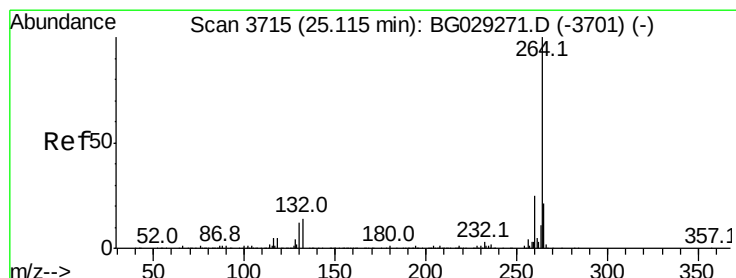
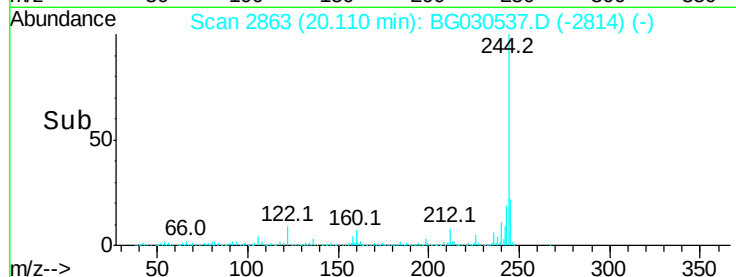
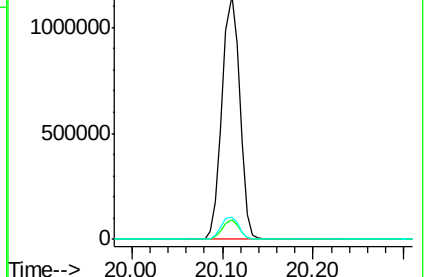
122 9.3 7.0 10.4



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

Perylene-d12

Concen: 20.000 ng

RT: 25.10 min Scan# 3712

Delta R.T. -0.02 min

Lab File: BG030537.D

Acq: 28 Oct 2017 21:21

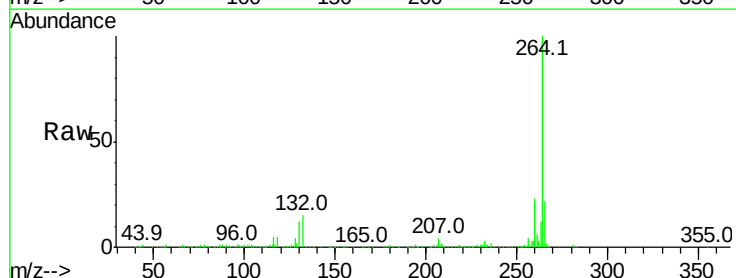
Tgt Ion:264 Resp: 477536

Ion Ratio Lower Upper

264 100

260 22.8 17.4 26.0

265 21.8 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

