

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101717\
 Data File : BG029305.D
 Acq On : 17 Oct 2017 17:33
 Operator : SJ/JU
 Sample : I5794-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ENV-105-4(5-10)

Quant Time: Oct 18 02:32:49 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

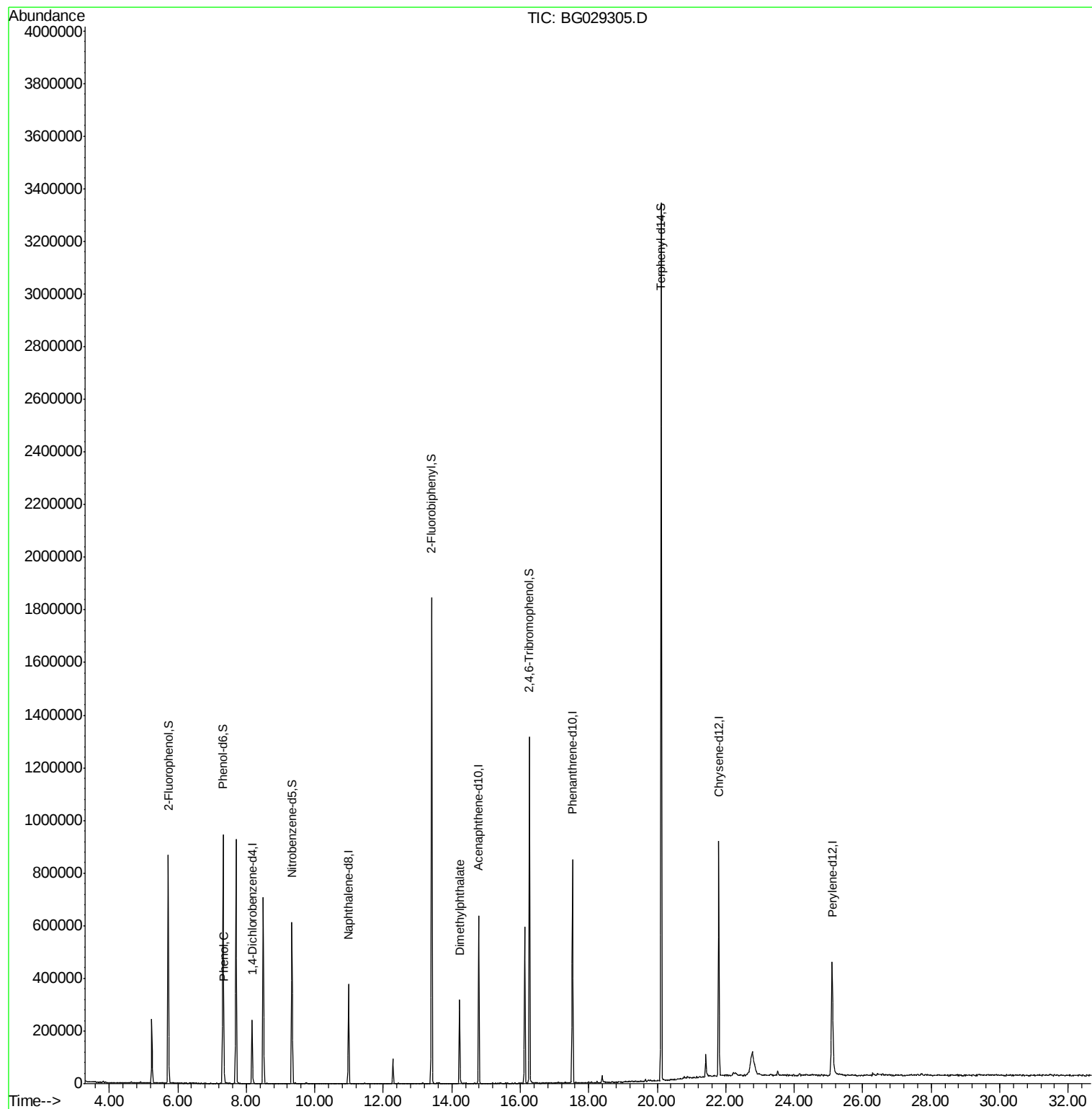
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	71602	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	342910	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	222957	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	516547	20.00	ng	0.00
75) Chrysene-d12	21.80	240	547211	20.00	ng	0.00
86) Perylene-d12	25.10	264	548258	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	393133	91.72	ng	0.00
7) Phenol-d6	7.32	99	581780	96.70	ng	0.00
23) Nitrobenzene-d5	9.33	82	363024	67.27	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	261668	90.90	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	998771	65.70	ng	0.00
78) Terphenyl-d14	20.12	244	1498993	62.32	ng	0.00
Target Compounds						
10) Phenol	7.35	94	31272	4.821	ng	96
49) Dimethylphthalate	14.23	163	224766	12.921	ng	99

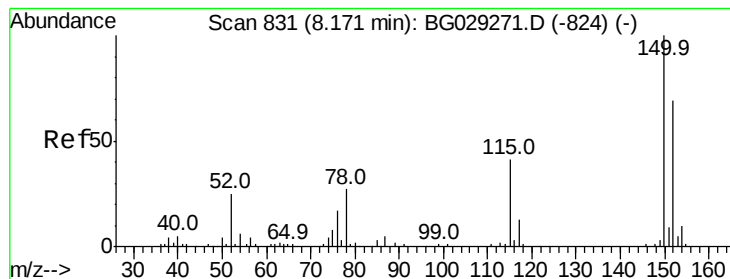
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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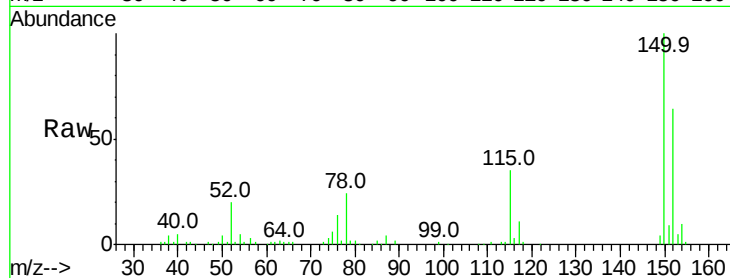


#1

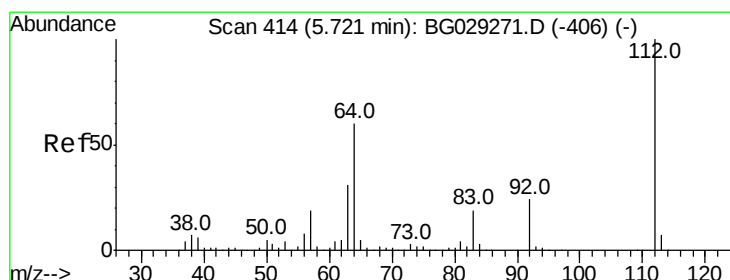
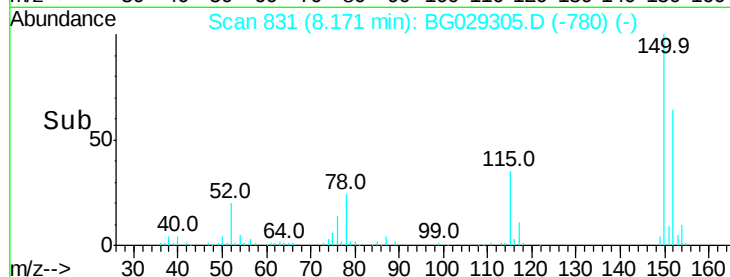
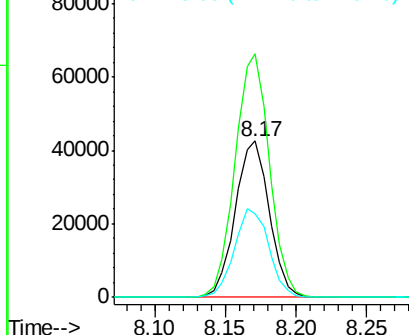
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 831
Delta R.T. 0.00 min
Lab File: BG029305.D
Acq: 17 Oct 2017 17:33

Instrument :
BNA_G
ClientSampleId :
ENV-105-4(5-10)

Tot Ion:152 Resp: 71602
Ion Ratio Lower Upper
152 100
150 156.0 126.6 189.8
115 54.0 53.0 79.4



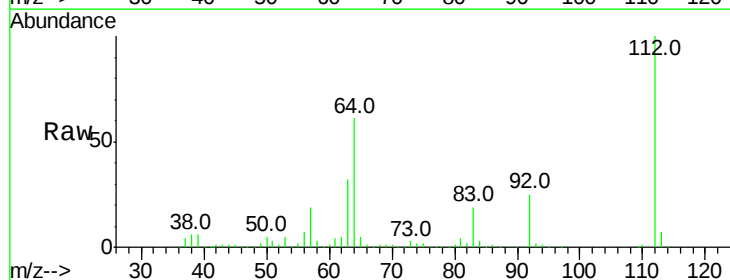
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



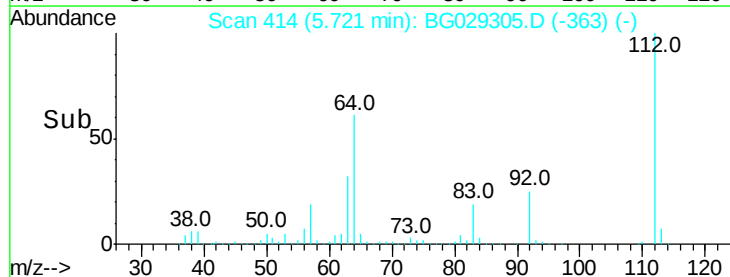
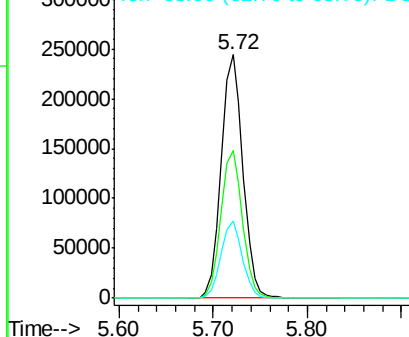
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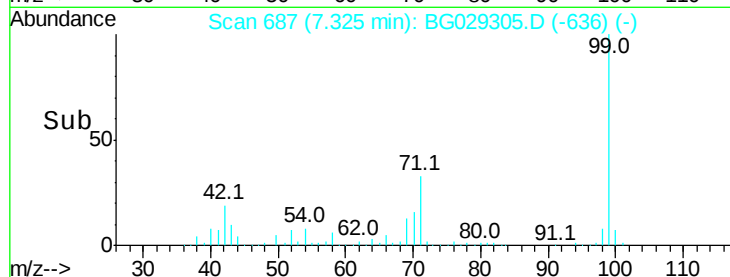
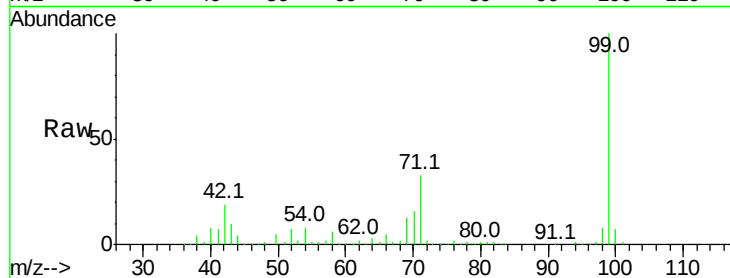
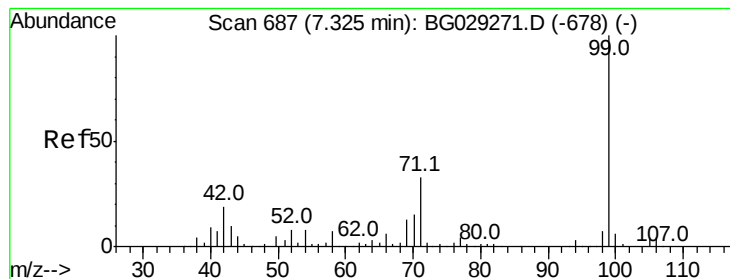
2-Fluorophenol
Concen: 91.722 ng
RT: 5.72 min Scan# 414
Delta R.T. 0.00 min
Lab File: BG029305.D
Acq: 17 Oct 2017 17:33

Tgt Ion:112 Resp: 393133
Ion Ratio Lower Upper
112 100
64 60.6 56.3 84.5
63 31.5 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: 96.701 ng

RT: 7.32 min Scan# 687

Delta R.T. 0.00 min

Lab File: BG029305.D

Acq: 17 Oct 2017 17:33

Instrument :

BNA_G

ClientSampleId :

ENV-105-4(5-10)

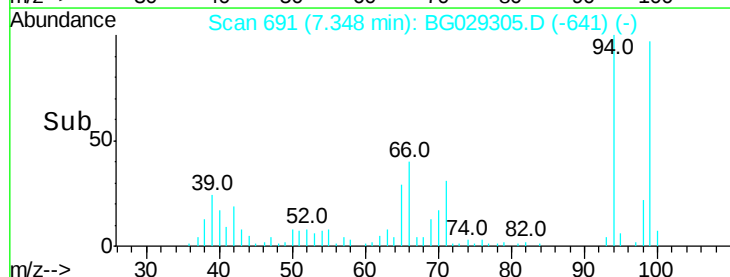
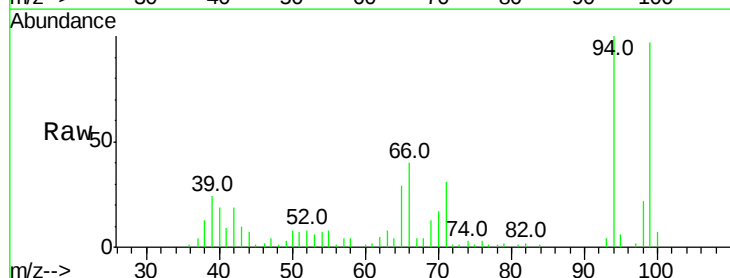
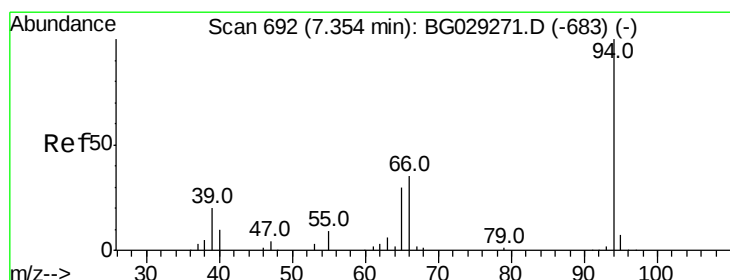
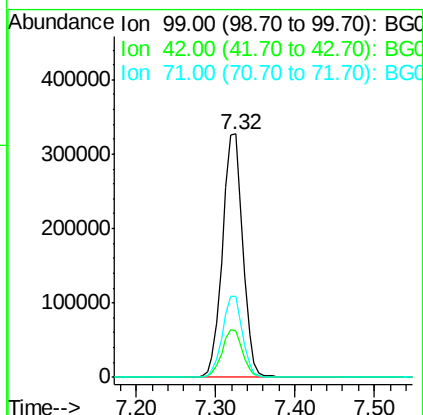
Tot Ion: 99 Resp: 581780

Ion Ratio Lower Upper

99 100

42 19.1 14.1 21.1

71 33.5 26.1 39.1



#10

Phenol

Concen: 4.821 ng

RT: 7.35 min Scan# 691

Delta R.T. -0.01 min

Lab File: BG029305.D

Acq: 17 Oct 2017 17:33

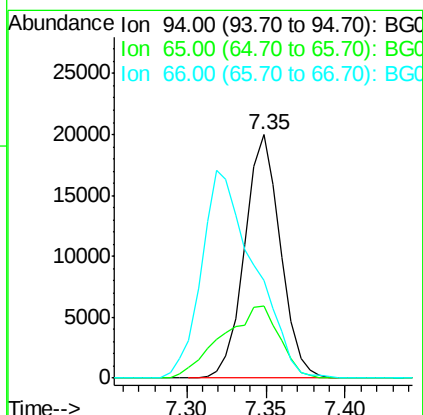
Tgt Ion: 94 Resp: 31272

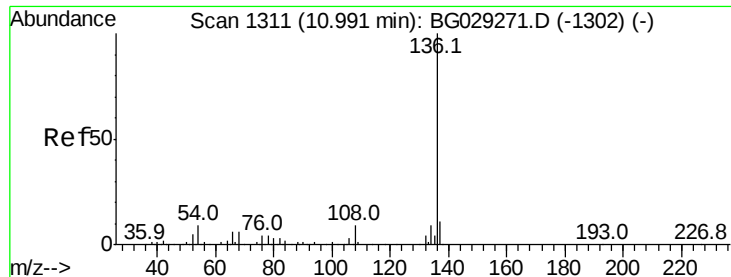
Ion Ratio Lower Upper

94 100

65 29.4 11.9 51.9

66 40.1 22.2 62.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.99 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BG029305.D

Acq: 17 Oct 2017 17:33

Instrument :

BNA_G

ClientSampleId :

ENV-105-4(5-10)

Tot Ion:136 Resp: 342910

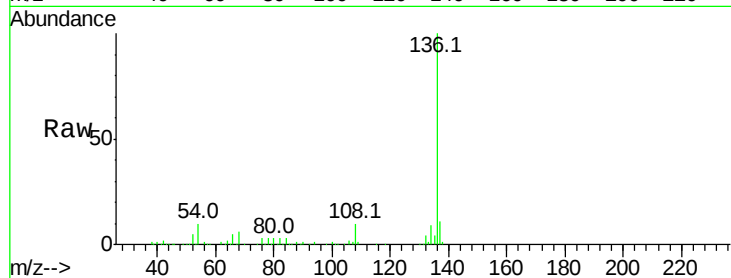
Ion Ratio Lower Upper

136 100

137 11.0 9.2 13.8

54 9.5 10.3 15.5#

68 5.9 4.5 6.7

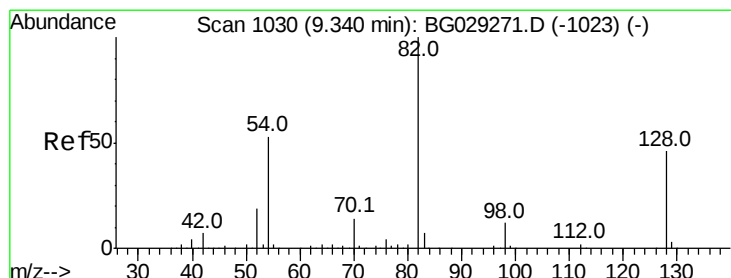
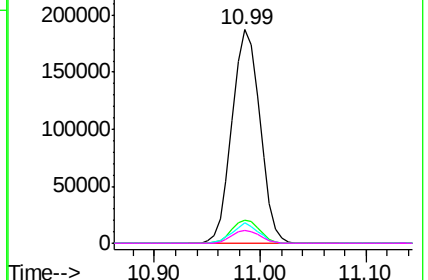
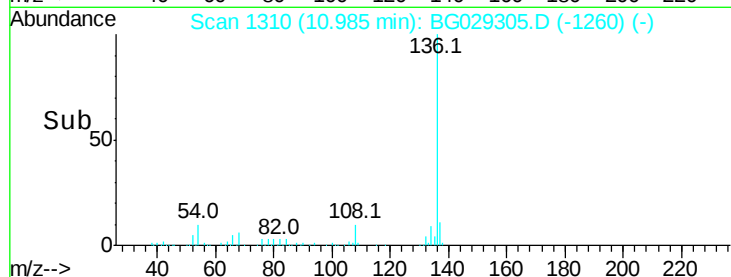


Abundance Ion 136.00 (135.70 to 136.70): E

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: 67.275 ng

RT: 9.33 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BG029305.D

Acq: 17 Oct 2017 17:33

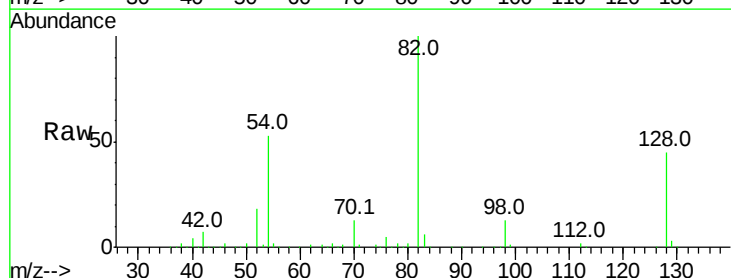
Tgt Ion: 82 Resp: 363024

Ion Ratio Lower Upper

82 100

128 44.8 29.7 44.5#

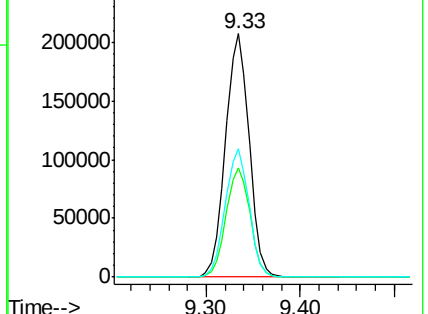
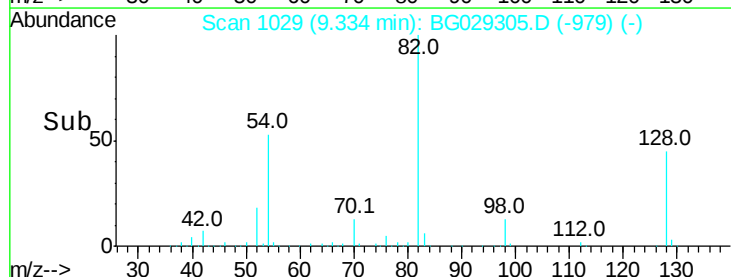
54 53.0 43.1 64.7

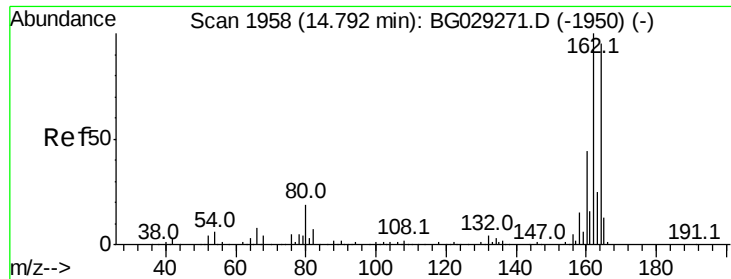


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

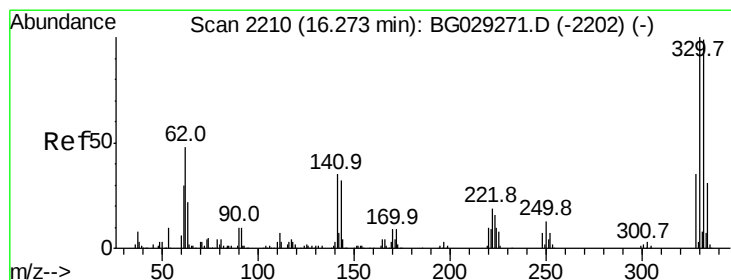
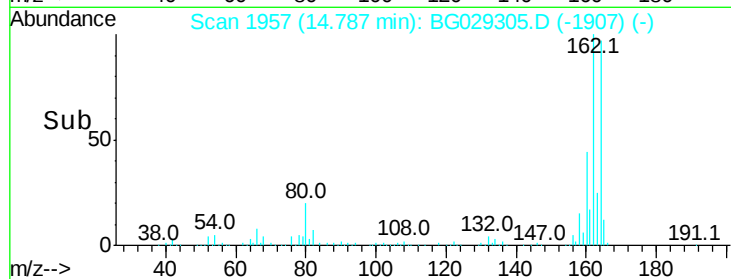
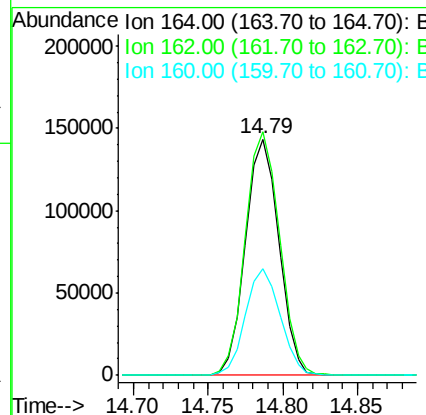
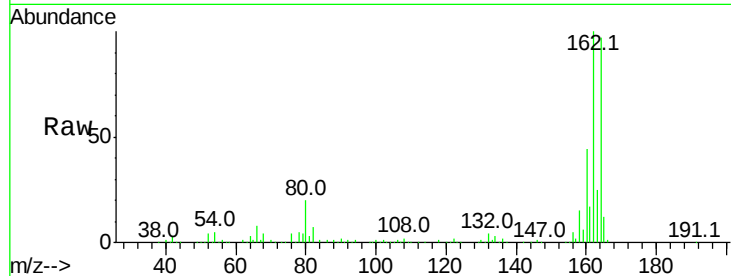




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BG029305.D
Acq: 17 Oct 2017 17:33

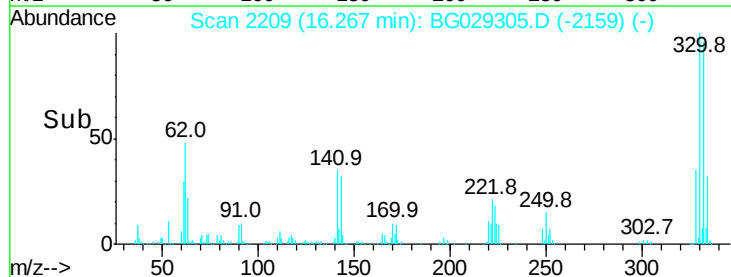
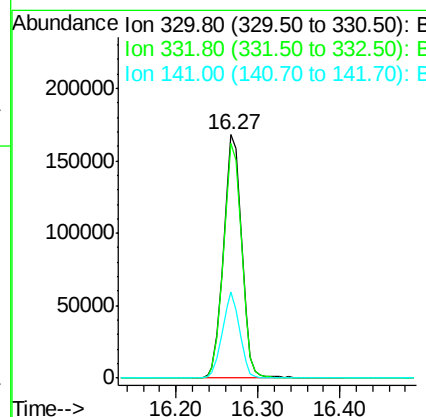
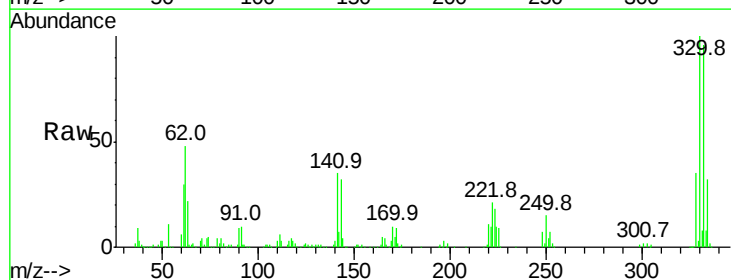
Instrument :
BNA_G
ClientSampleId :
ENV-105-4(5-10)

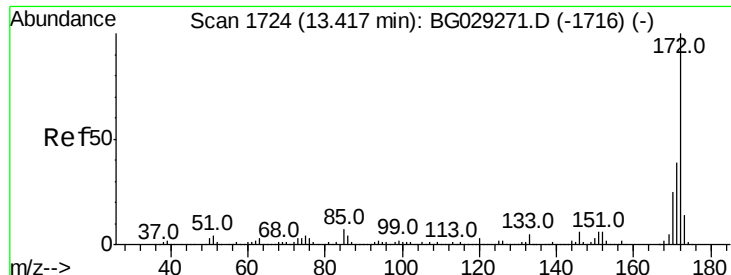
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.0	78.8	118.2
160	45.1	35.4	53.0



#41
2,4,6-Tribromophenol
Concen: 90.901 ng
RT: 16.27 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BG029305.D
Acq: 17 Oct 2017 17:33

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	33.6	25.2	37.8

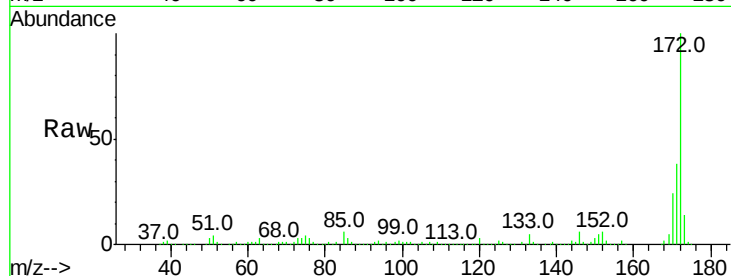




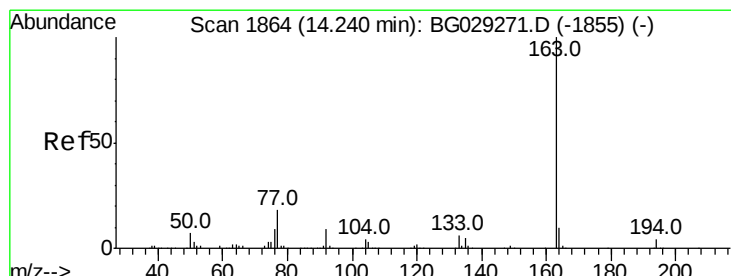
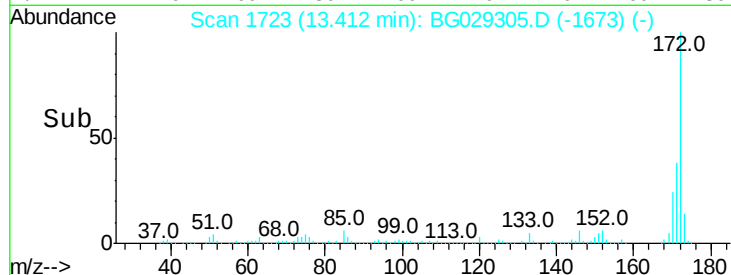
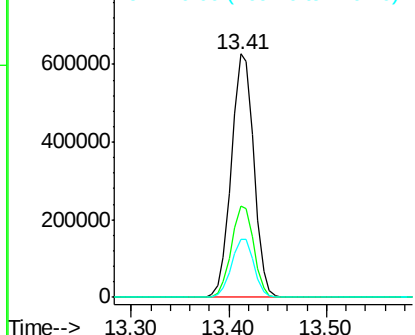
#44
 2-Fluorobiphenyl
 Concen: 65.701 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG029305.D
 Acq: 17 Oct 2017 17:33

Instrument :
 BNA_G
 ClientSampleId :
 ENV-105-4(5-10)

Tot Ion:172 Resp: 998771
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.0 45.0
 170 23.9 19.5 29.3

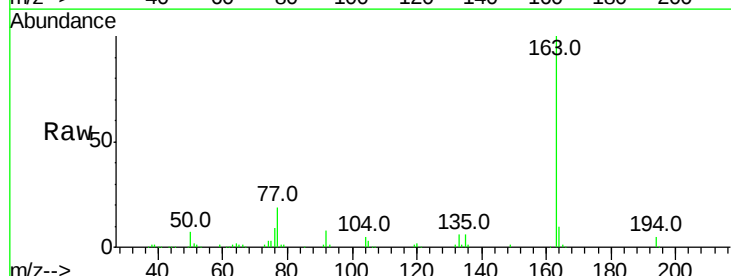


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

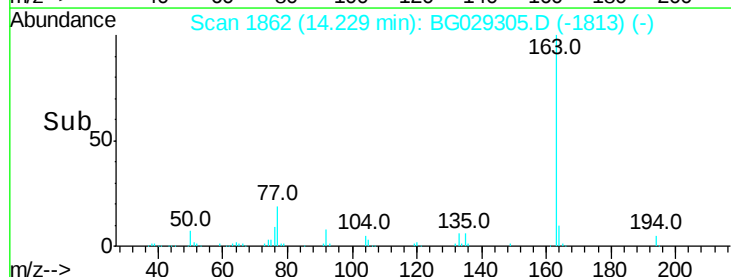
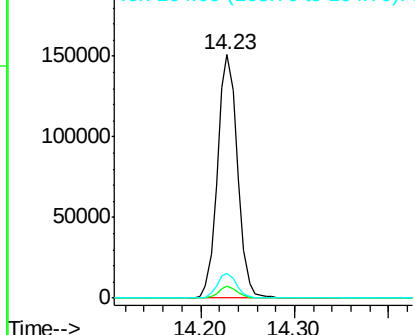


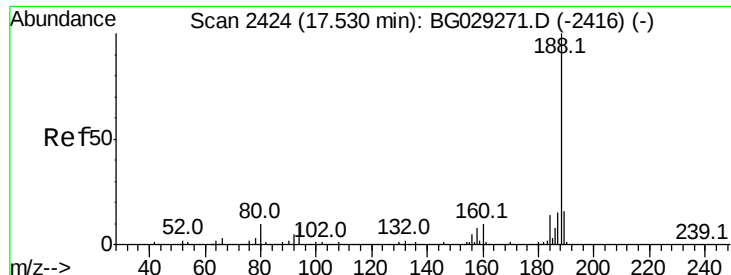
#49
 Dimethylphthalate
 Concen: 12.921 ng
 RT: 14.23 min Scan# 1862
 Delta R.T. -0.01 min
 Lab File: BG029305.D
 Acq: 17 Oct 2017 17:33

Tgt Ion:163 Resp: 224766
 Ion Ratio Lower Upper
 163 100
 194 5.0 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

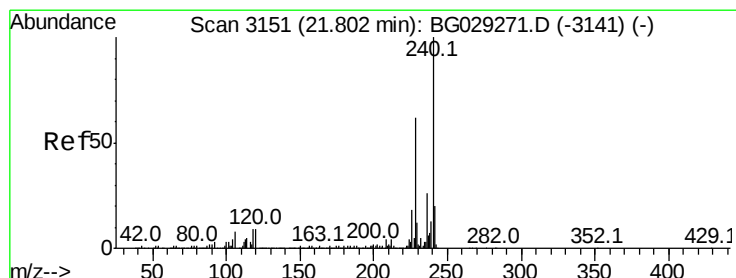
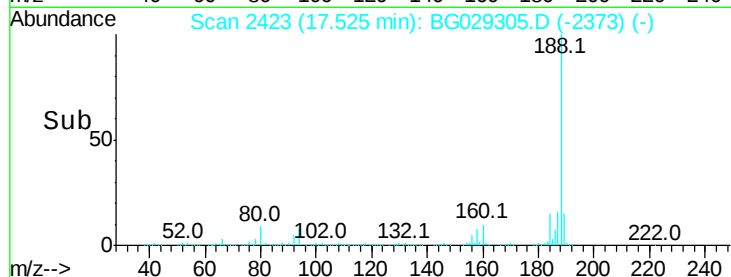
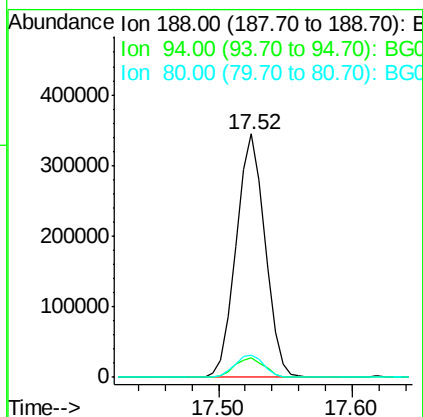
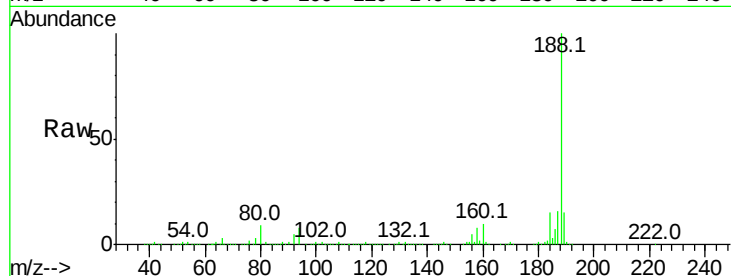




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG029305.D
Acq: 17 Oct 2017 17:33

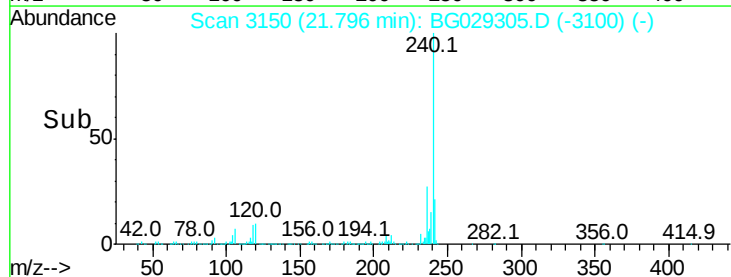
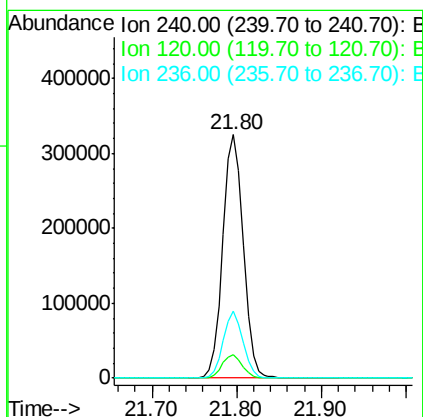
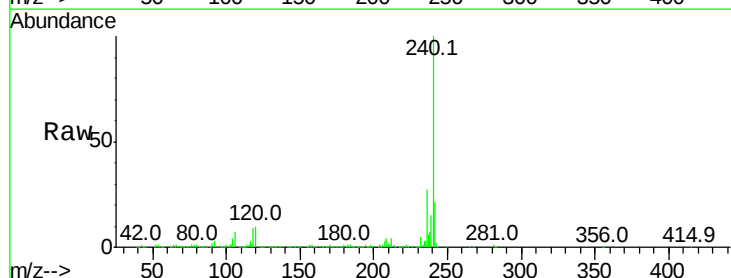
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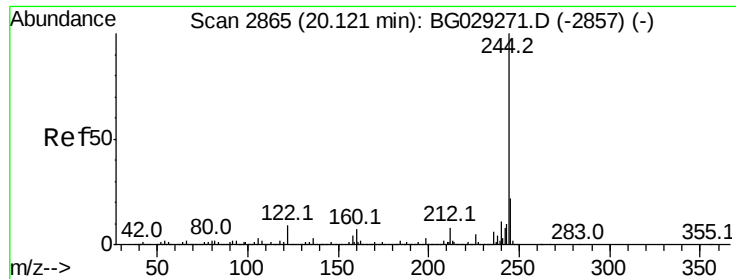
Tot Ion:188 Resp: 516547
Ion Ratio Lower Upper
188 100
94 8.1 6.9 10.3
80 9.1 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BG029305.D
Acq: 17 Oct 2017 17:33

Tgt Ion:240 Resp: 547211
Ion Ratio Lower Upper
240 100
120 9.5 6.8 10.2
236 27.4 20.9 31.3





#78

Terphenyl-d14

Concen: 62.318 ng

RT: 20.12 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BG029305.D

Acq: 17 Oct 2017 17:33

Instrument :

BNA_G

ClientSampleId :

ENV-105-4(5-10)

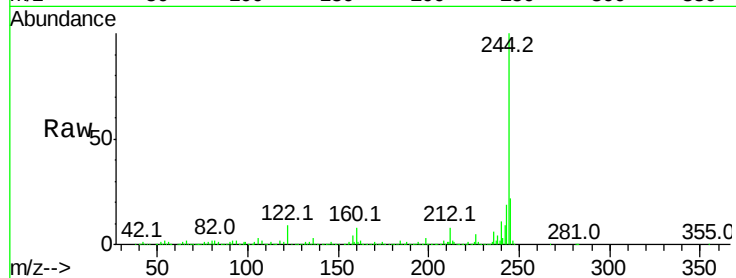
Tot Ion:244 Resp: 1498993

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.8

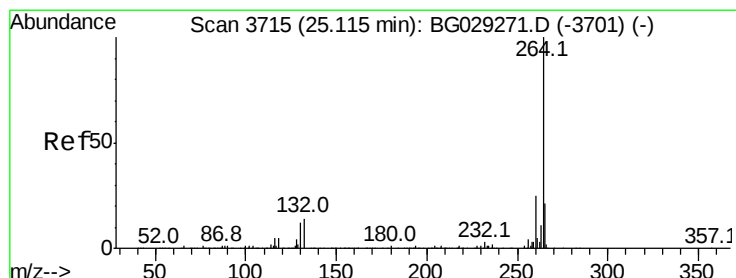
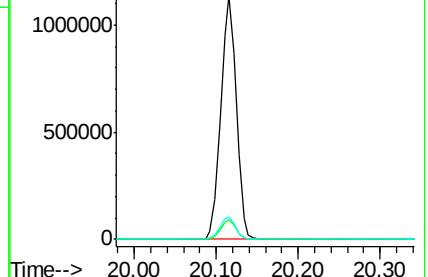
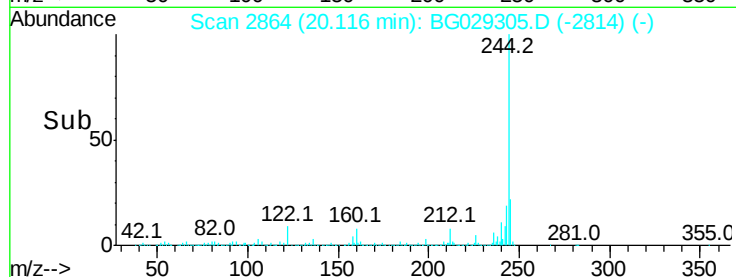
122 9.3 7.0 10.4



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# 3713

Delta R.T. -0.01 min

Lab File: BG029305.D

Acq: 17 Oct 2017 17:33

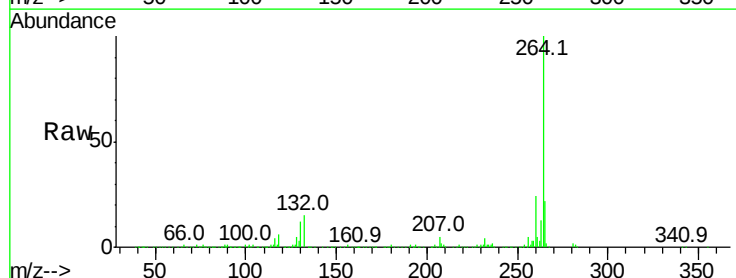
Tgt Ion:264 Resp: 548258

Ion Ratio Lower Upper

264 100

260 23.6 17.4 26.0

265 21.5 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

