

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120117\
 Data File : BG031324.D
 Acq On : 1 Dec 2017 19:02
 Operator : SJ/JU
 Sample : I6671-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ENV-106-1(30-40)

Quant Time: Dec 02 01:58:29 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

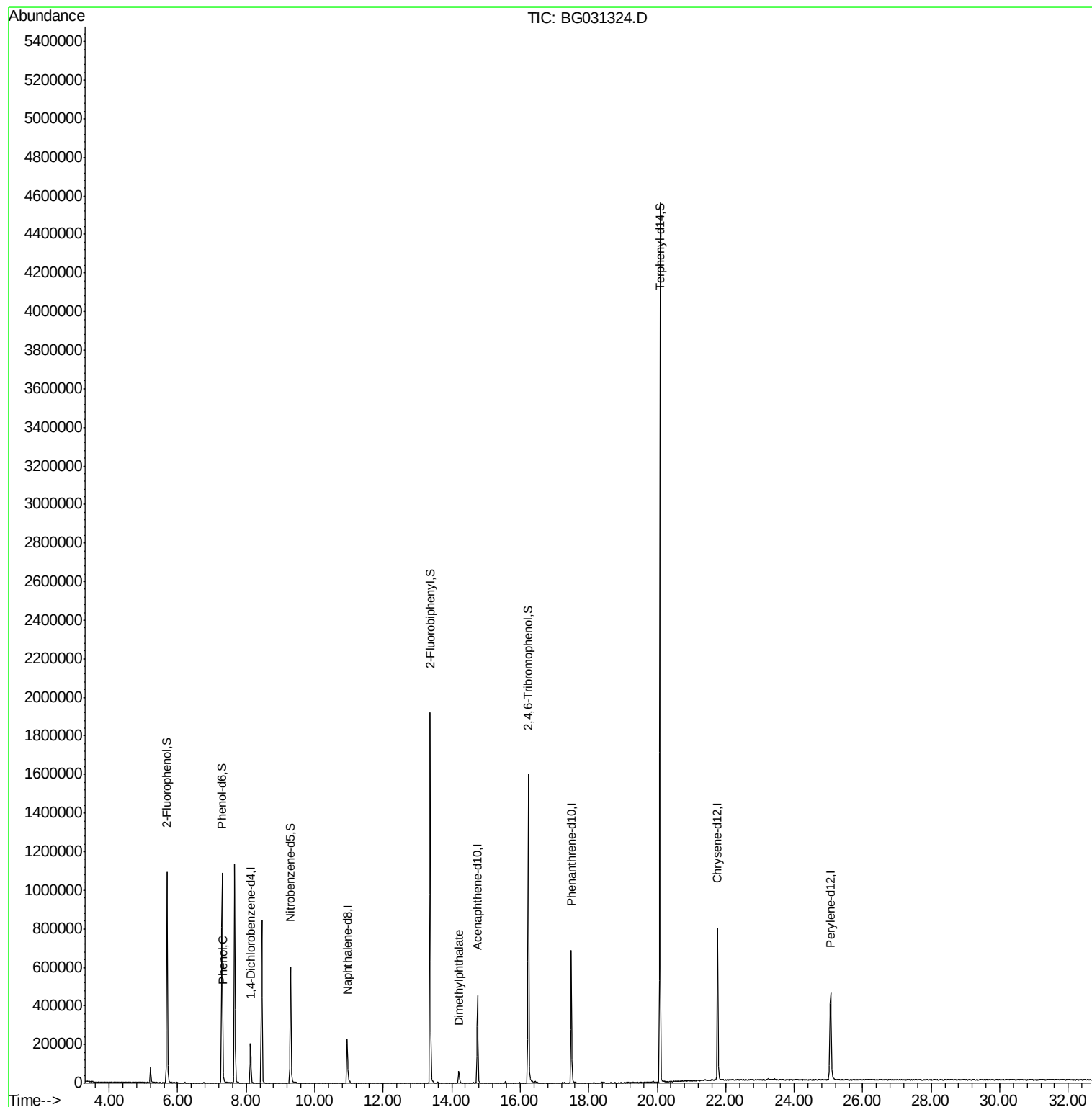
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	62312	20.00	ng	-0.03
21) Naphthalene-d8	10.95	136	263931	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	174428	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	476697	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	551124	20.00	ng	-0.02
86) Perylene-d12	25.06	264	532010	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	566449	155.88	ng	-0.02
7) Phenol-d6	7.30	99	724545	148.00	ng	-0.01
23) Nitrobenzene-d5	9.29	82	415217	93.22	ng	-0.03
41) 2,4,6-Tribromophenol	16.24	330	358281	126.97	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	1185268	97.64	ng	-0.03
78) Terphenyl-d14	20.08	244	2190467	87.76	ng	-0.02
Target Compounds						
10) Phenol	7.32	94	19027	3.74	ng	Qvalue 89
49) Dimethylphthalate	14.21	163	74180	4.92	ng	# 99

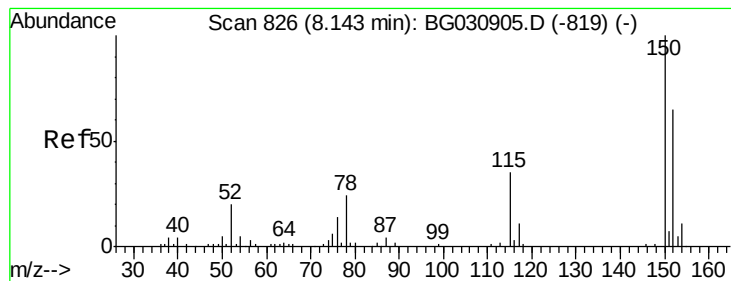
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
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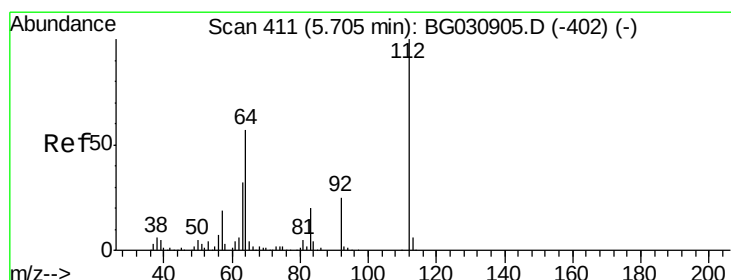
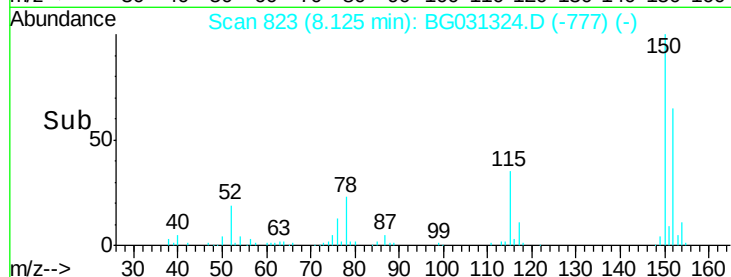
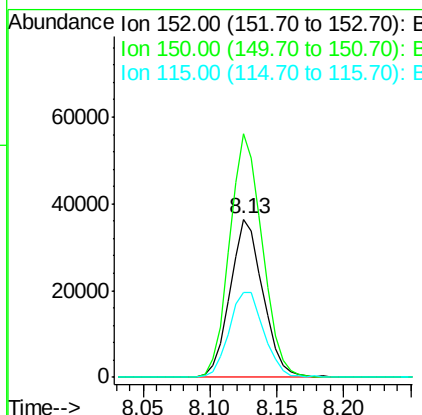
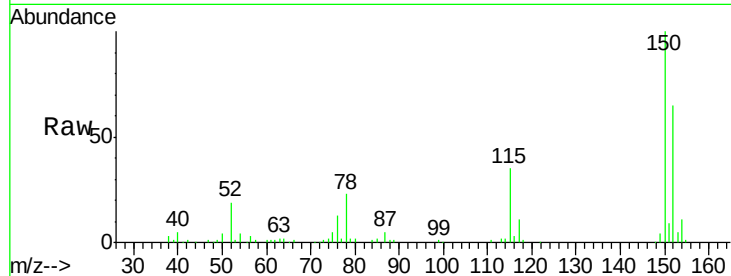


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.13 min Scan# 823
Delta R.T. -0.03 min
Lab File: BG031324.D
Acq: 1 Dec 2017 19:02

Instrument :
BNA_G
ClientSampleId :
ENV-106-1(30-40)

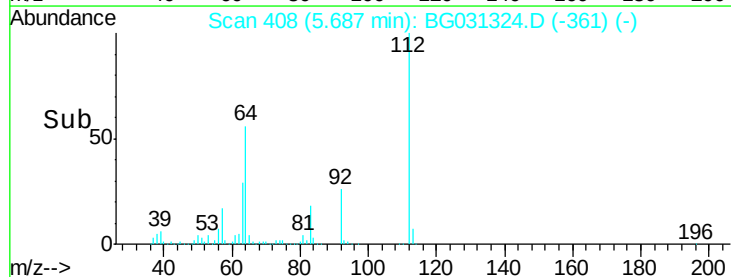
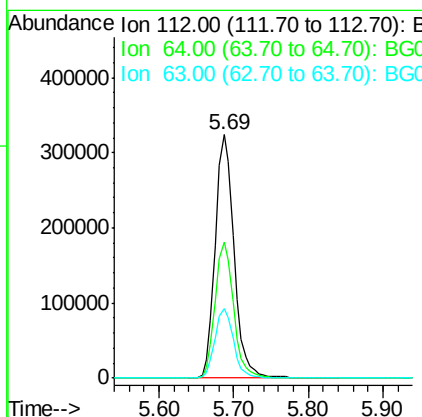
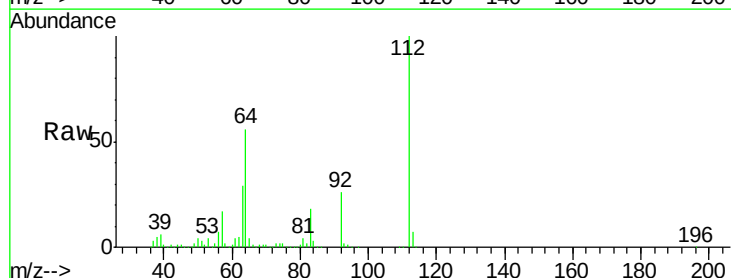
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	126.6	189.8
115	53.8	53.0	79.4

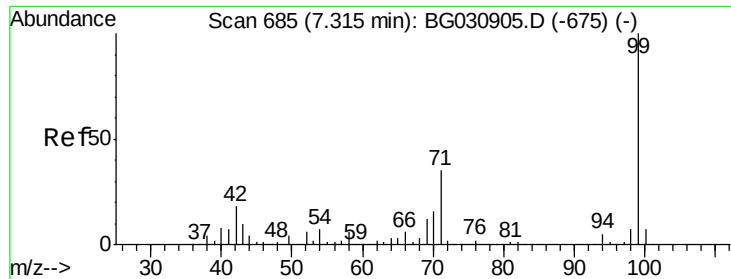


#5

2-Fluorophenol
Concen: 155.88 ng
RT: 5.69 min Scan# 408
Delta R.T. -0.02 min
Lab File: BG031324.D
Acq: 1 Dec 2017 19:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.0	56.3	84.5#
63	28.6	30.1	45.1#





#7

Phenol-d6

Concen: 148.00 ng

RT: 7.30 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031324.D

Acq: 1 Dec 2017 19:02

Instrument :

BNA_G

ClientSampleId :

ENV-106-1(30-40)

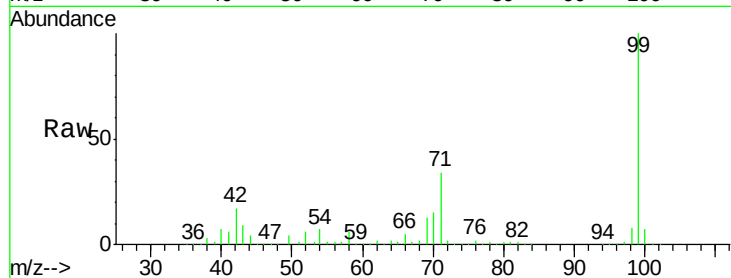
Tot Ion: 99 Resp: 724545

Ion Ratio Lower Upper

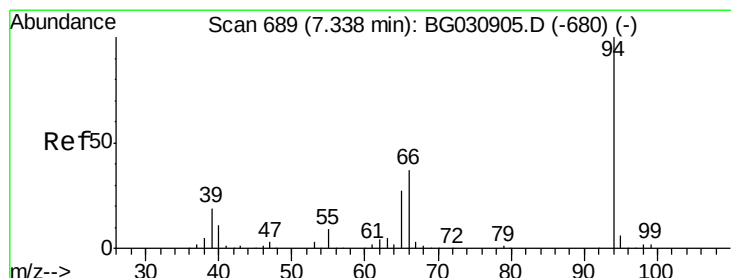
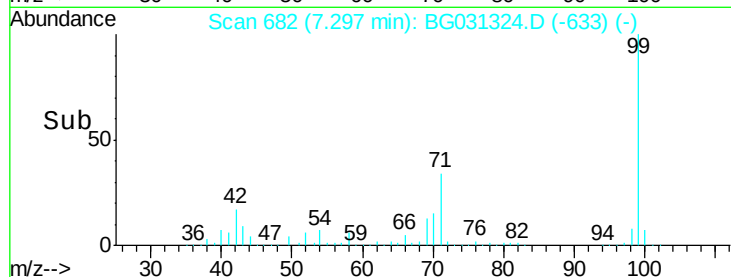
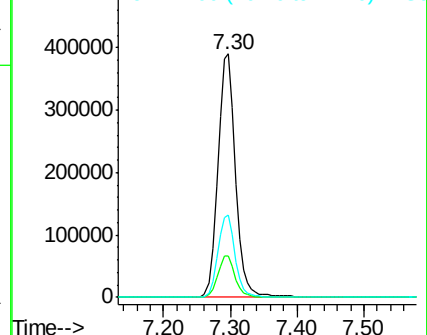
99 100

42 16.9 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: 3.74 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.02 min

Lab File: BG031324.D

Acq: 1 Dec 2017 19:02

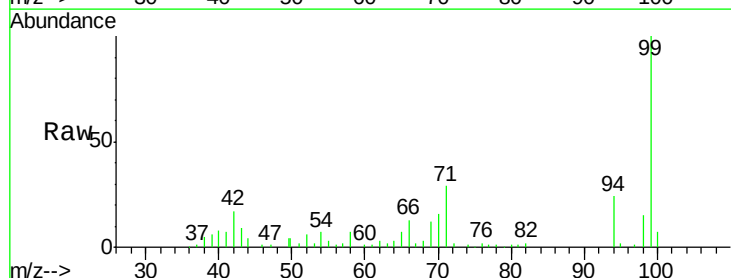
Tgt Ion: 94 Resp: 19027

Ion Ratio Lower Upper

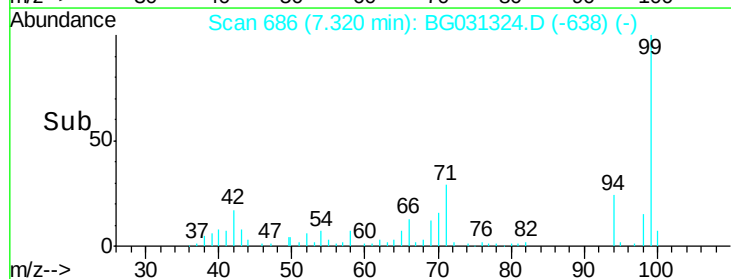
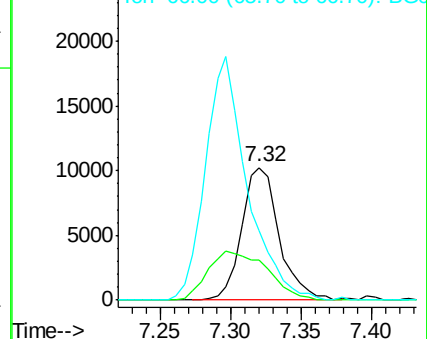
94 100

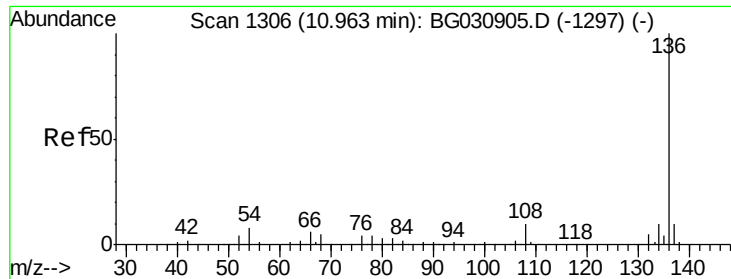
65 29.9 11.9 51.9

66 52.9 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

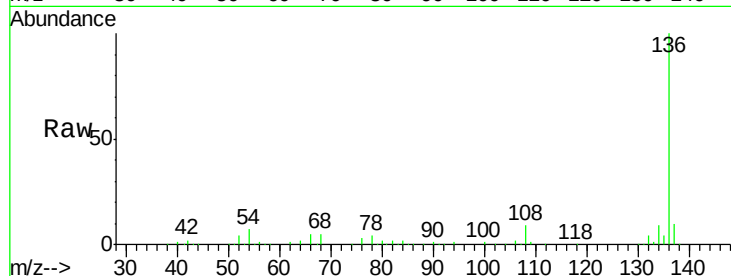




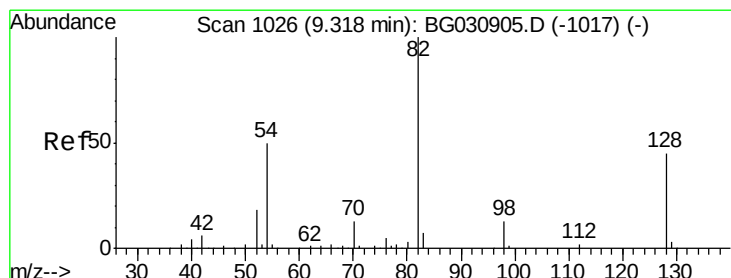
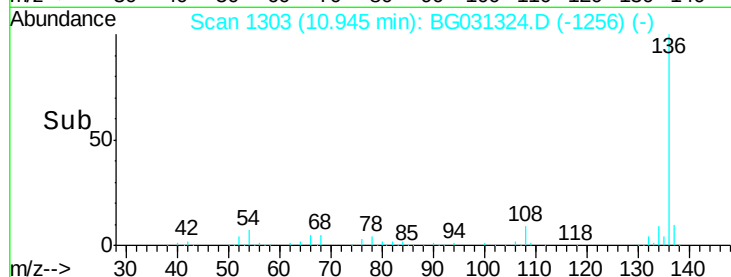
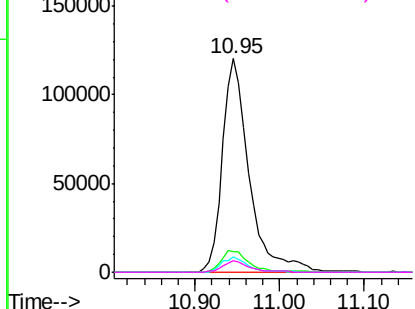
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.95 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BG031324.D
Acq: 1 Dec 2017 19:02

Instrument :
BNA_G
ClientSampleId :
ENV-106-1(30-40)

Tot Ion:136	Resp:	263931
Ion Ratio	Lower	Upper
136	100	
137	9.7	9.2 13.8
54	7.2	10.3 15.5#
68	5.3	4.5 6.7

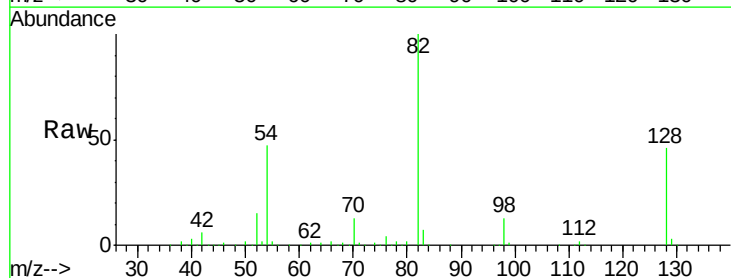


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

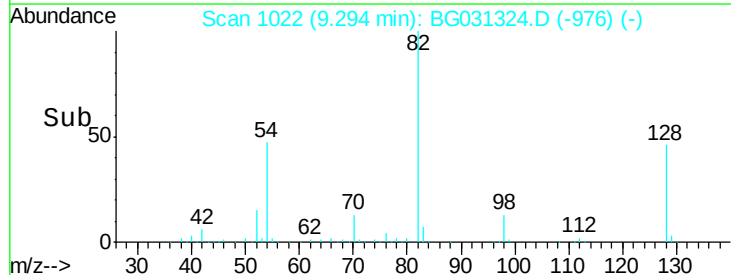
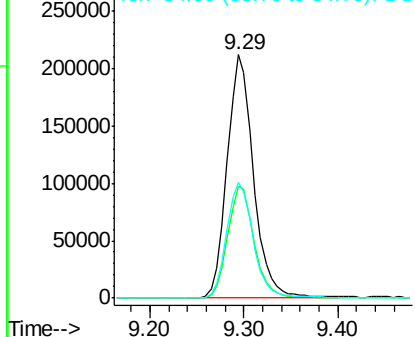


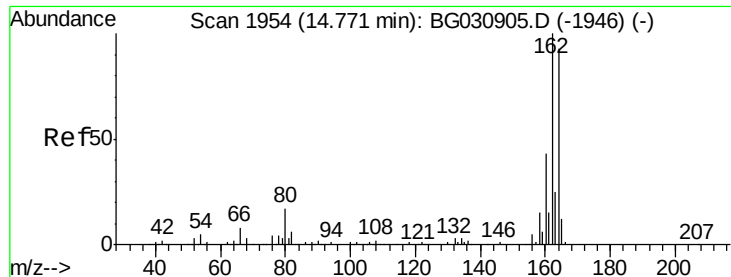
#23
Nitrobenzene-d5
Concen: 93.22 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BG031324.D
Acq: 1 Dec 2017 19:02

Tgt Ion: 82	Resp:	415217
Ion Ratio	Lower	Upper
82	100	
128	46.0	29.7 44.5#
54	47.4	43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.75 min Scan# 1951

Delta R.T. -0.02 min

Lab File: BG031324.D

Acq: 1 Dec 2017 19:02

Instrument :

BNA_G

ClientSampleId :

ENV-106-1(30-40)

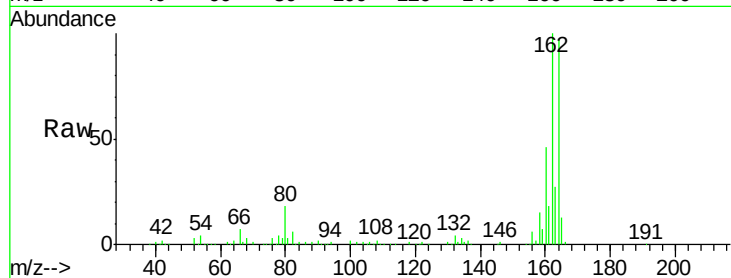
Tot Ion:164 Resp: 174428

Ion Ratio Lower Upper

164 100

162 102.7 78.8 118.2

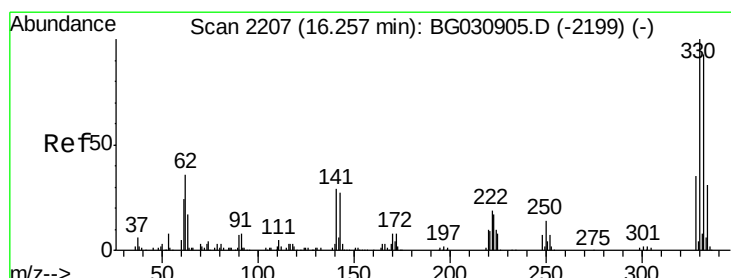
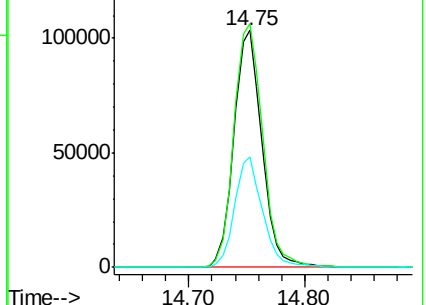
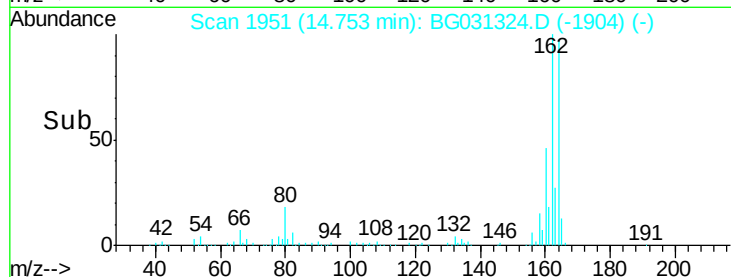
160 46.8 35.4 53.0



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: 126.97 ng

RT: 16.24 min Scan# 2204

Delta R.T. -0.02 min

Lab File: BG031324.D

Acq: 1 Dec 2017 19:02

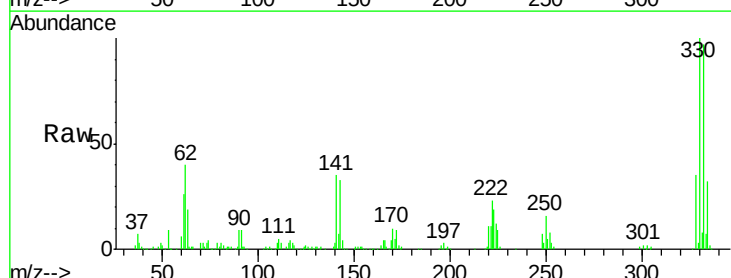
Tgt Ion:330 Resp: 358281

Ion Ratio Lower Upper

330 100

332 98.2 77.0 115.6

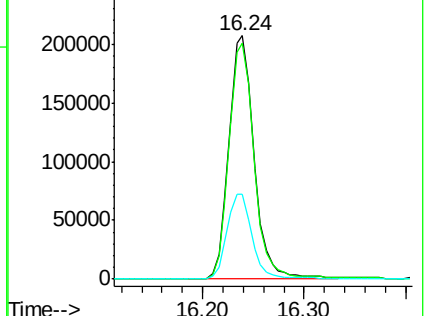
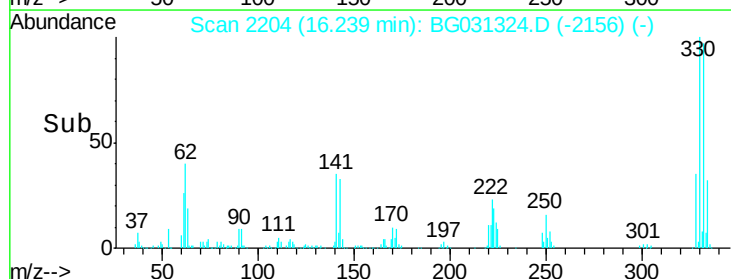
141 35.6 25.2 37.8

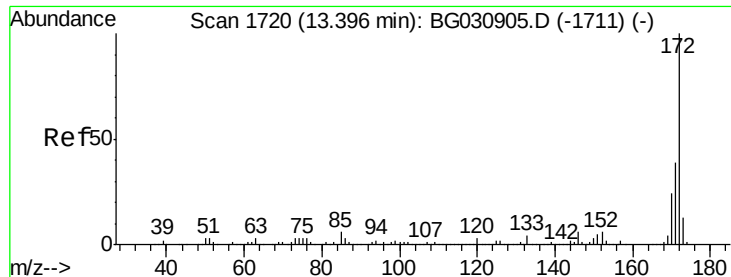


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

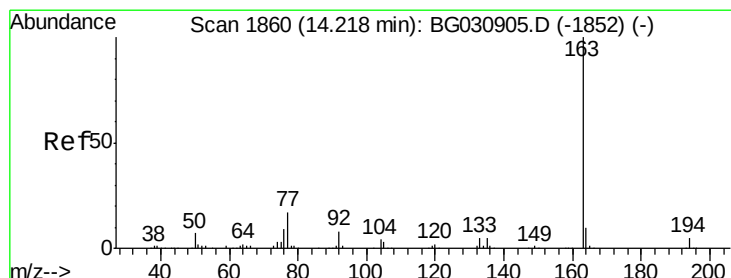
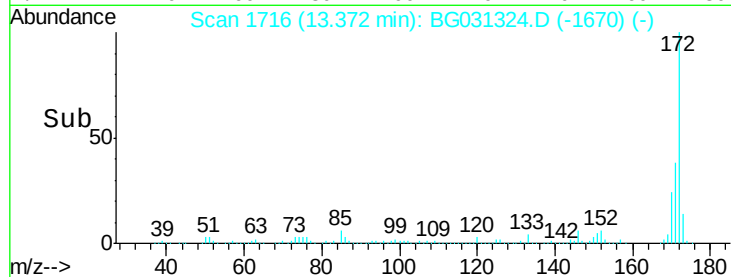
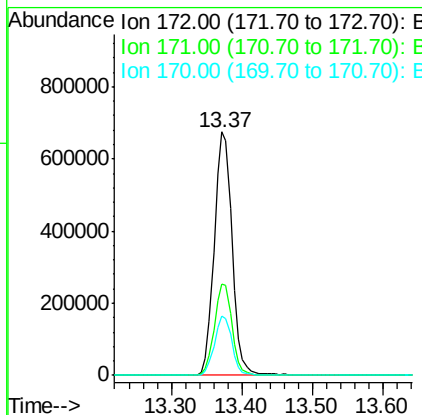
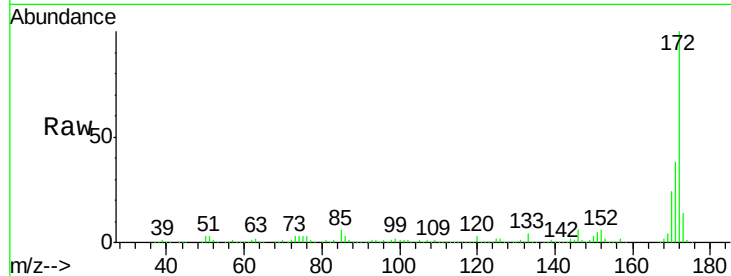




#44
 2-Fluorobiphenyl
 Concen: 97.64 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. -0.03 min
 Lab File: BG031324.D
 Acq: 1 Dec 2017 19:02

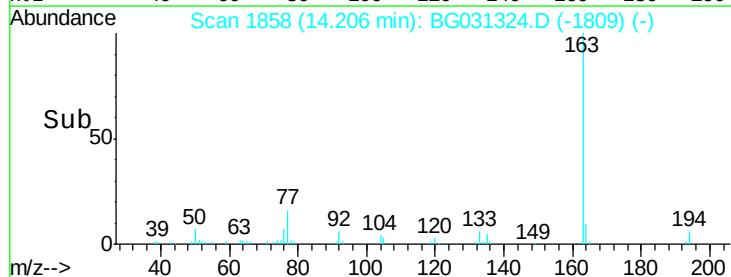
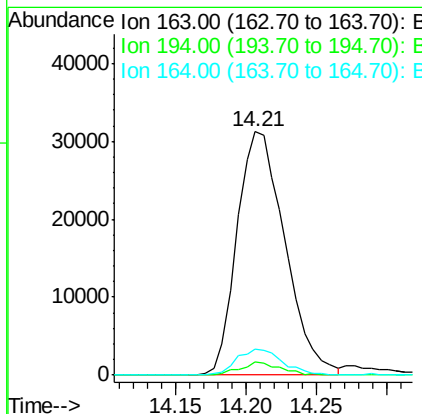
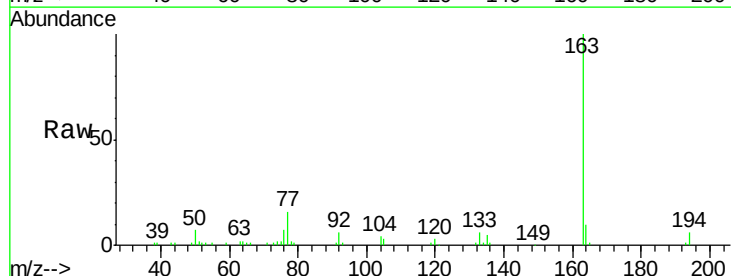
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 BNA_G
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 ENV-106-1(30-40)

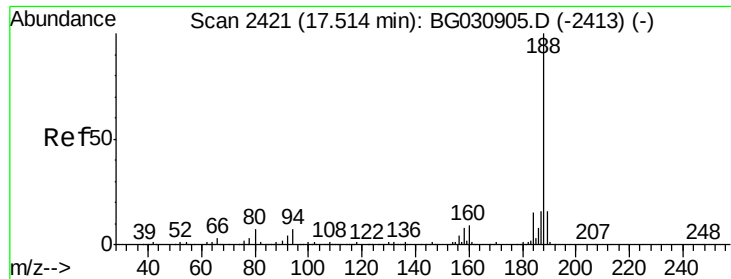
Tot Ion:172 Resp: 1185268
 Ion Ratio Lower Upper
 172 100
 171 37.7 30.0 45.0
 170 24.4 19.5 29.3



#49
 Dimethylphthalate
 Concen: 4.92 ng
 RT: 14.21 min Scan# 1858
 Delta R.T. -0.01 min
 Lab File: BG031324.D
 Acq: 1 Dec 2017 19:02

Tgt Ion:163 Resp: 74180
 Ion Ratio Lower Upper
 163 100
 194 5.7 3.4 5.2#
 164 10.4 8.2 12.4

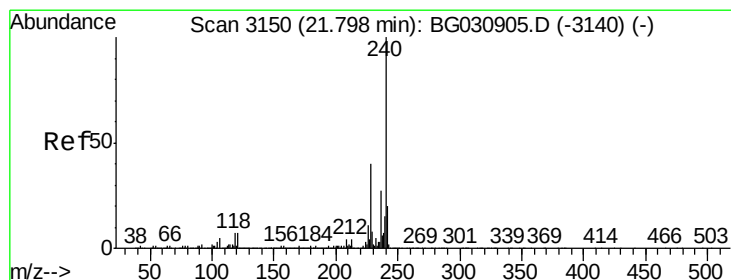
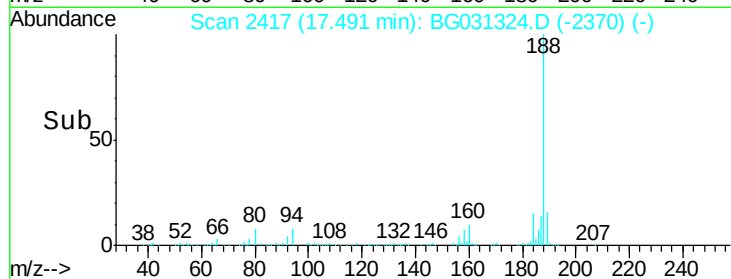
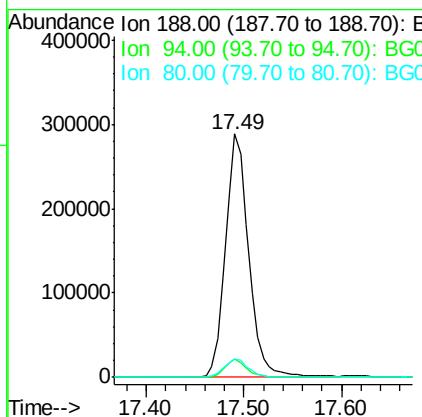
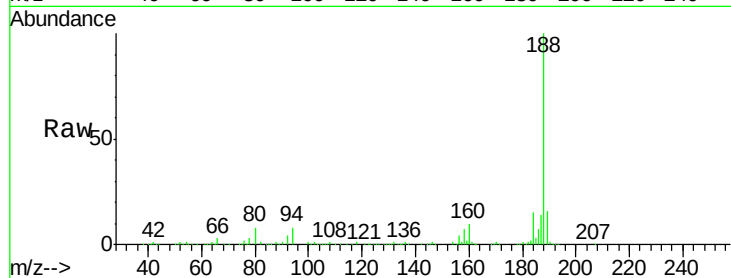




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BG031324.D
Acq: 1 Dec 2017 19:02

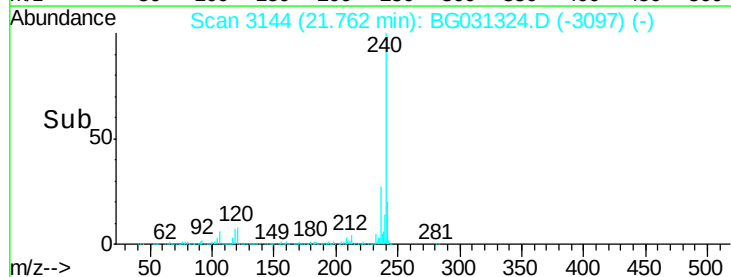
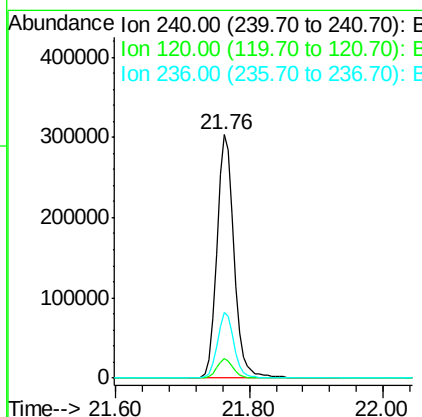
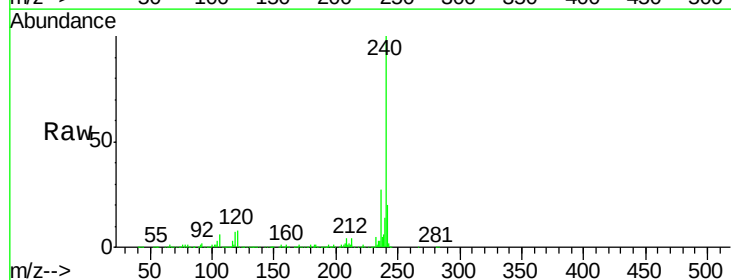
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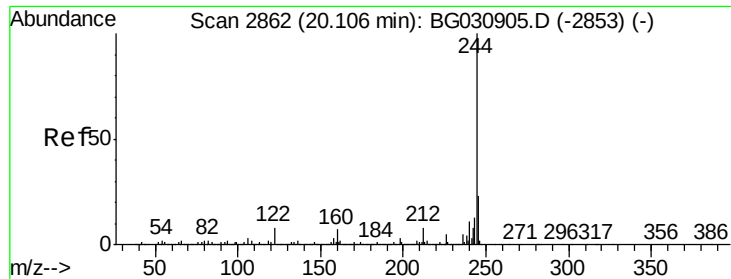
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.9	10.3
80	7.8	7.7	11.5



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.02 min
Lab File: BG031324.D
Acq: 1 Dec 2017 19:02

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.1	6.8	10.2
236	27.2	20.9	31.3





#78

Terphenyl-d14

Concen: 87.76 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.02 min

Lab File: BG031324.D

Acq: 1 Dec 2017 19:02

Instrument :

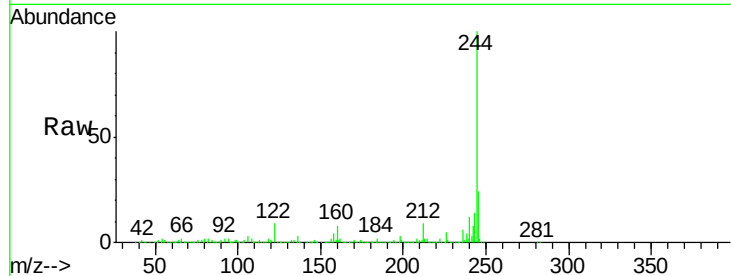
BNA_G

ClientSampleId :

ENV-106-1(30-40)

Tot Ion:244 Resp: 2190467

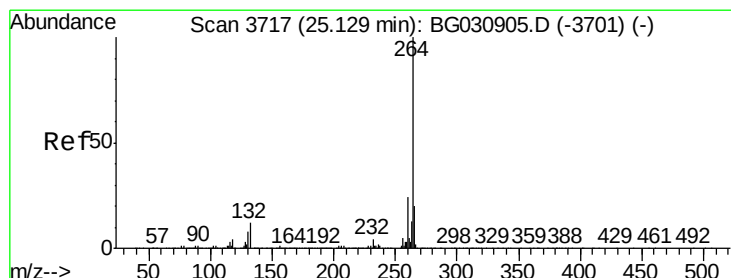
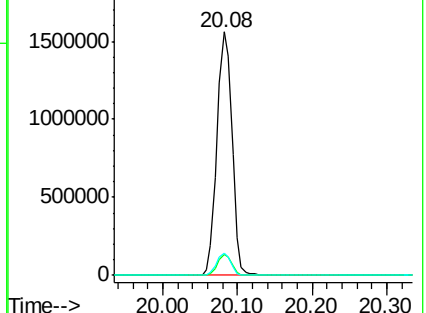
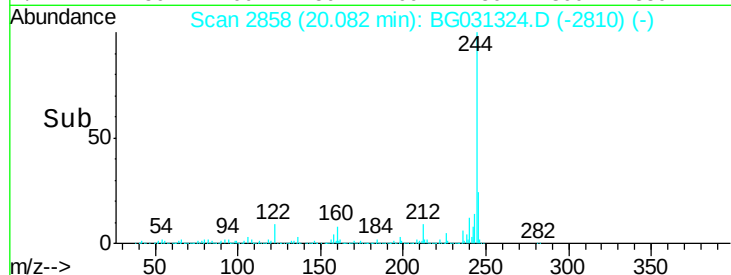
Ion	Ratio	Lower	Upper
244	100		
212	8.7	5.8	8.8
122	9.3	7.0	10.4



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: 20.00 ng

RT: 25.06 min Scan# 3706

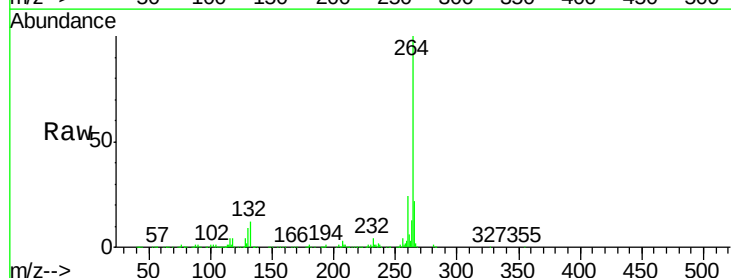
Delta R.T. -0.03 min

Lab File: BG031324.D

Acq: 1 Dec 2017 19:02

Tgt Ion:264 Resp: 532010

Ion	Ratio	Lower	Upper
264	100		
260	23.7	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

