

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120117\
 Data File : BG031328.D
 Acq On : 1 Dec 2017 21:31
 Operator : SJ/JU
 Sample : I6671-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ENV-105-3(5-10)

Quant Time: Dec 02 01:59:44 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

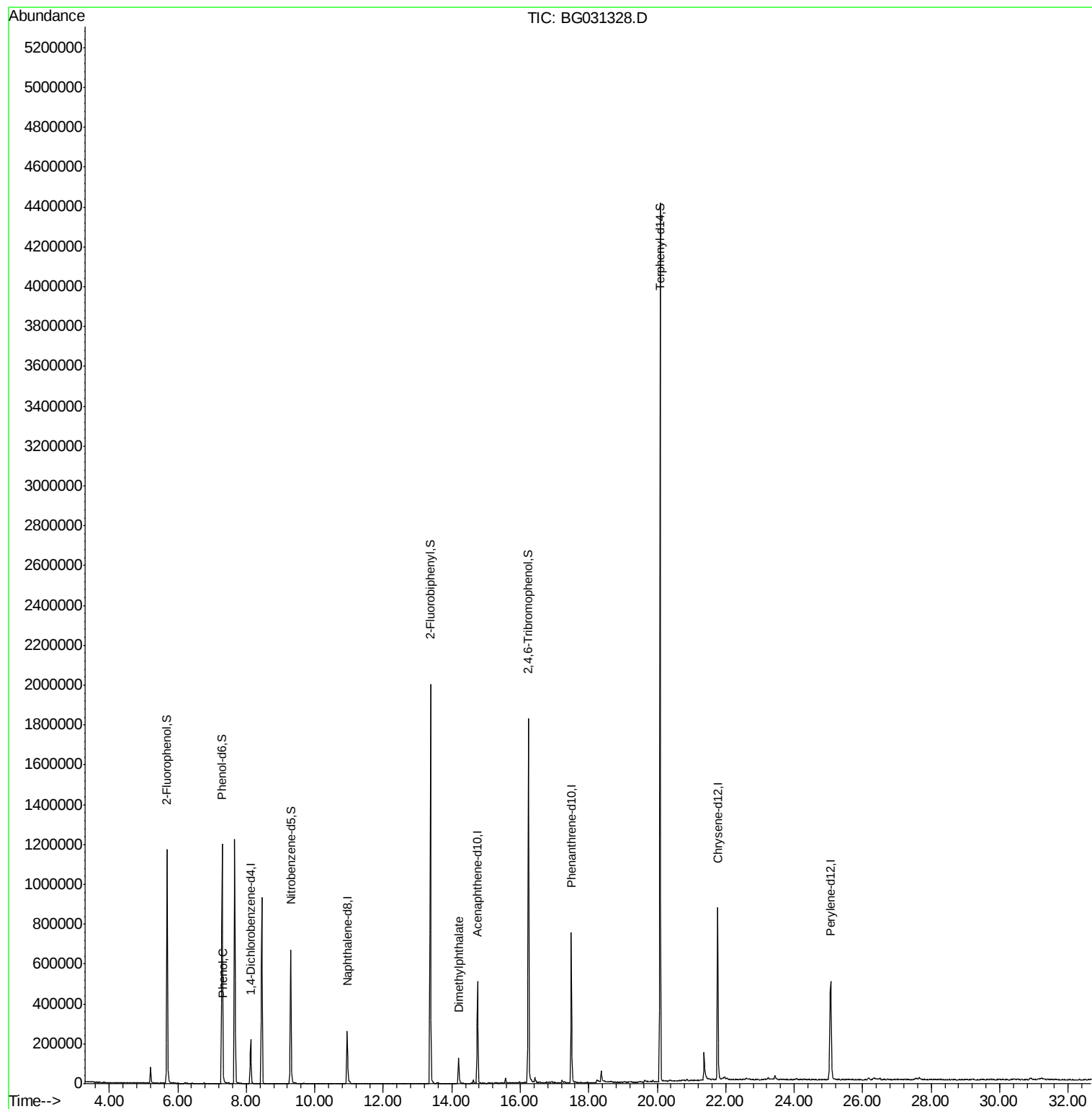
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	67262	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	292467	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	195487	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	520357	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	594427	20.00	ng	-0.02
86) Perylene-d12	25.06	264	585045	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	597526	152.33	ng	-0.02
7) Phenol-d6	7.30	99	777067	147.05	ng	-0.01
23) Nitrobenzene-d5	9.30	82	453537	91.89	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	391404	123.77	ng	-0.02
44) 2-Fluorobiphenyl	13.38	172	1181855	86.87	ng	-0.02
78) Terphenyl-d14	20.09	244	2159761	80.23	ng	-0.01
Target Compounds						
10) Phenol	7.32	94	21979	4.00	ng	95
49) Dimethylphthalate	14.20	163	121064	7.16	ng	99

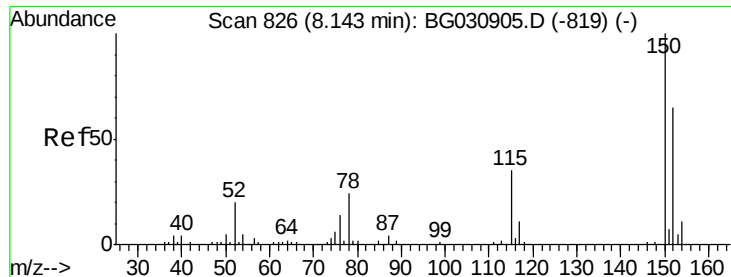
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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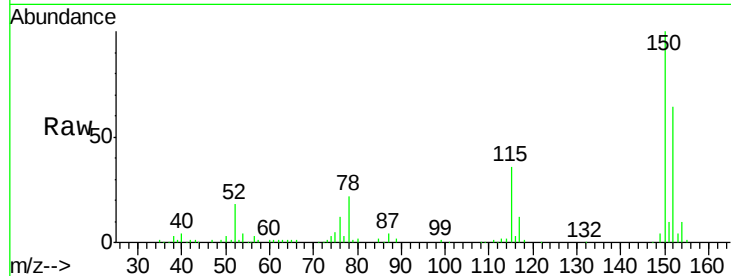


#1

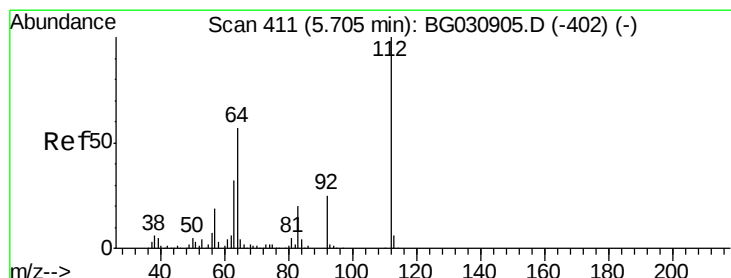
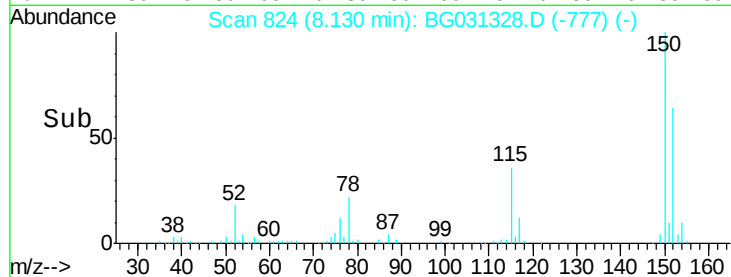
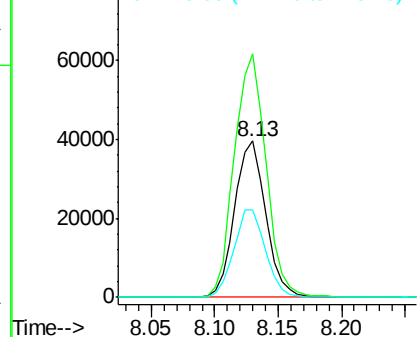
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.13 min Scan# 824
Delta R.T. -0.02 min
Lab File: BG031328.D
Acq: 1 Dec 2017 21:31

Instrument :
BNA_G
ClientSampleId :
ENV-105-3(5-10)

Tot Ion:152 Resp: 67262
Ion Ratio Lower Upper
152 100
150 155.8 126.6 189.8
115 55.7 53.0 79.4



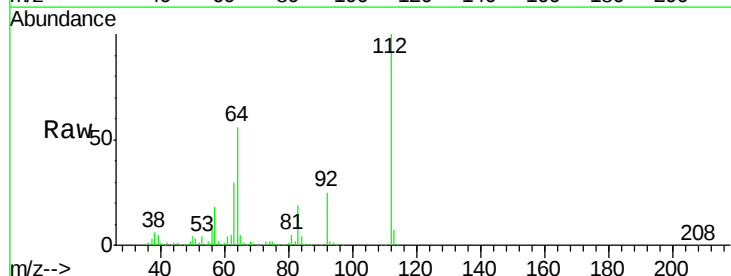
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



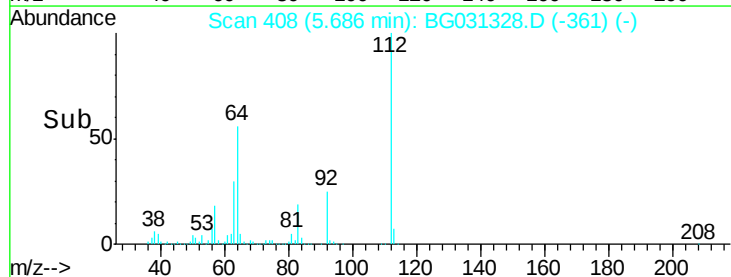
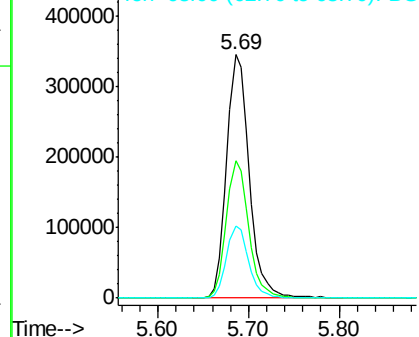
#5

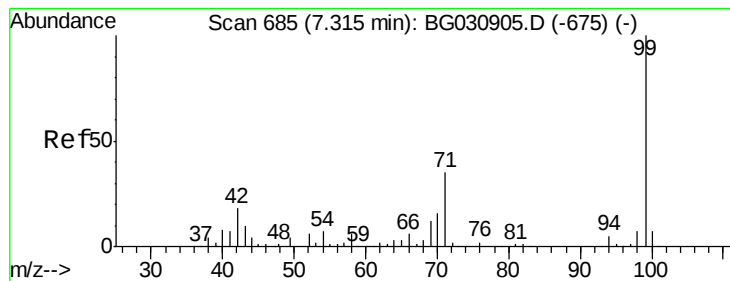
2-Fluorophenol
Concen: 152.33 ng
RT: 5.69 min Scan# 408
Delta R.T. -0.02 min
Lab File: BG031328.D
Acq: 1 Dec 2017 21:31

Tgt Ion:112 Resp: 597526
Ion Ratio Lower Upper
112 100
64 56.2 56.3 84.5#
63 29.8 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: 147.05 ng

RT: 7.30 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031328.D

Acq: 1 Dec 2017 21:31

Instrument :

BNA_G

ClientSampleId :

ENV-105-3(5-10)

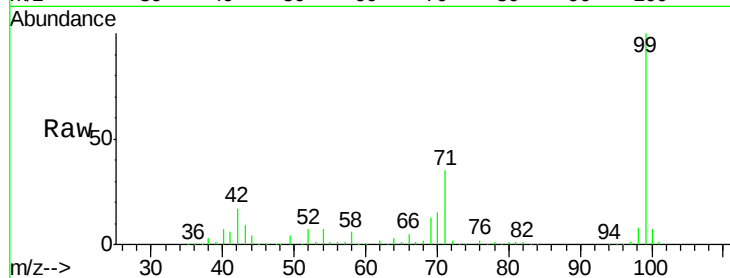
Tot Ion: 99 Resp: 777067

Ion Ratio Lower Upper

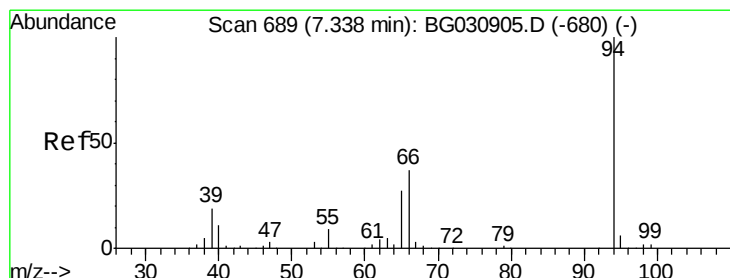
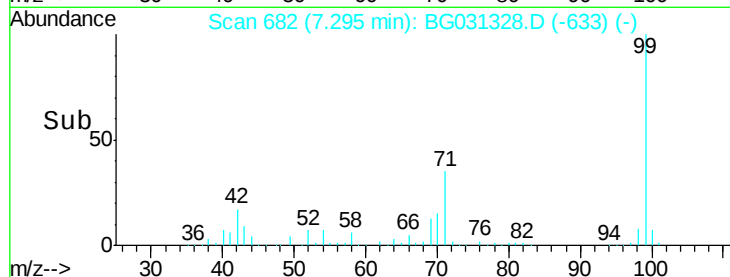
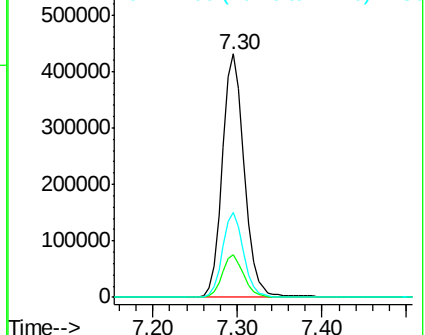
99 100

42 17.4 14.1 21.1

71 34.8 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: 4.00 ng

RT: 7.32 min Scan# 687

Delta R.T. -0.01 min

Lab File: BG031328.D

Acq: 1 Dec 2017 21:31

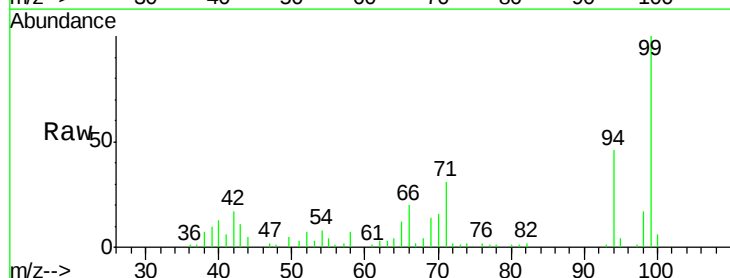
Tgt Ion: 94 Resp: 21979

Ion Ratio Lower Upper

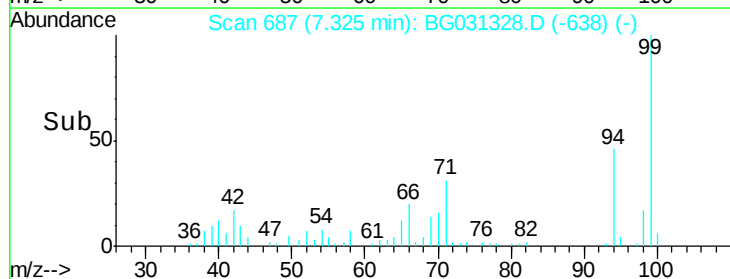
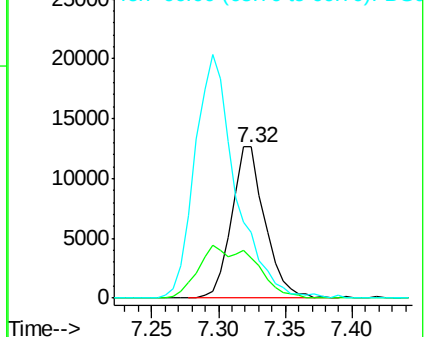
94 100

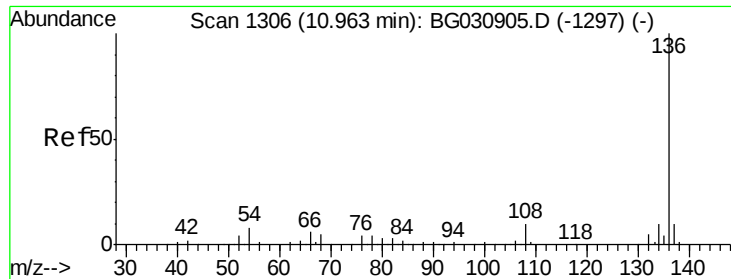
65 26.7 11.9 51.9

66 43.1 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

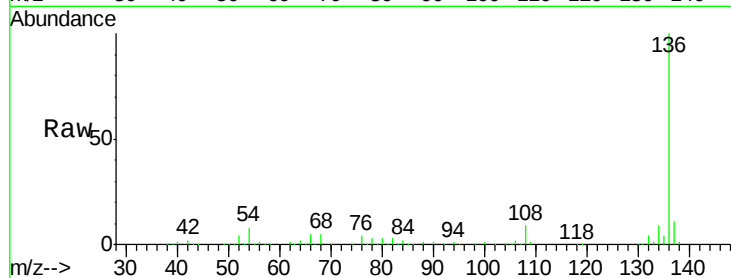




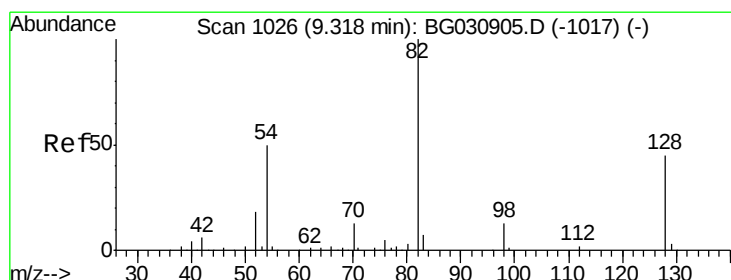
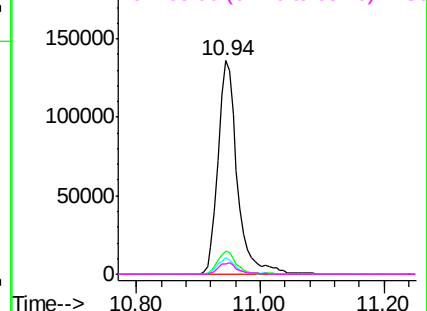
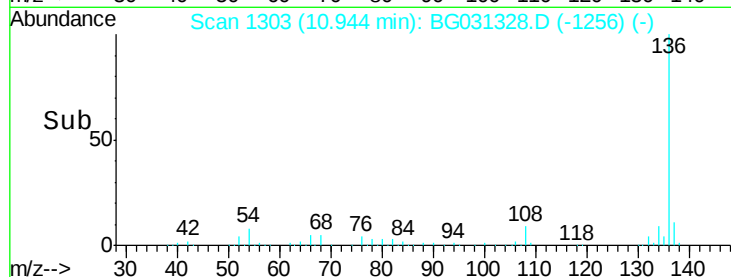
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.94 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BG031328.D
Acq: 1 Dec 2017 21:31

Instrument :
BNA_G
ClientSampleId :
ENV-105-3(5-10)

Tot Ion:136	Resp:	292467
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.2 13.8
54	7.7	10.3 15.5#
68	5.0	4.5 6.7

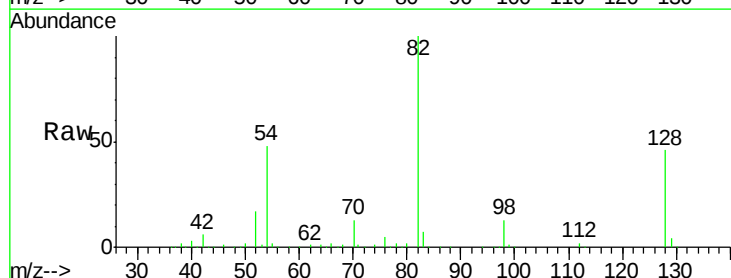


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

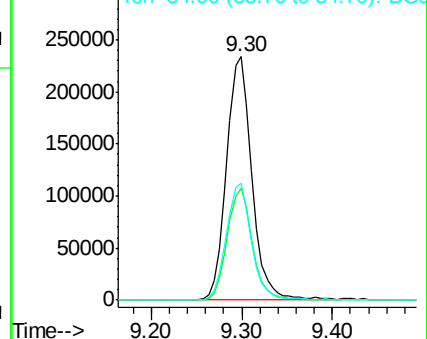
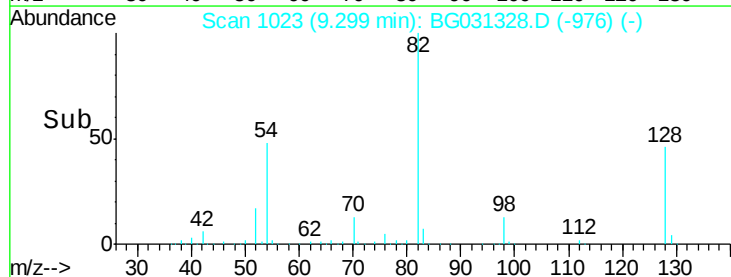


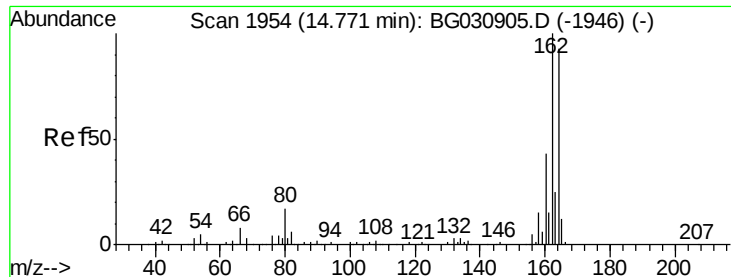
#23
Nitrobenzene-d5
Concen: 91.89 ng
RT: 9.30 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BG031328.D
Acq: 1 Dec 2017 21:31

Tgt Ion: 82	Resp:	453537
Ion Ratio	Lower	Upper
82	100	
128	45.8	29.7 44.5#
54	47.9	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

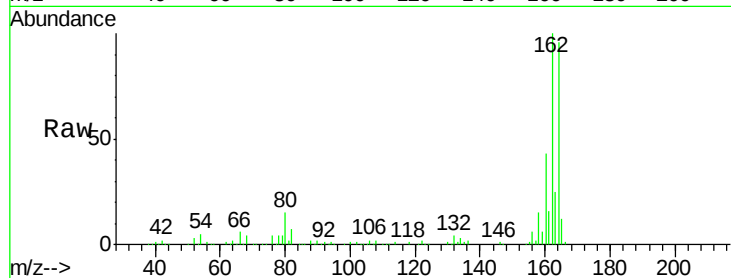




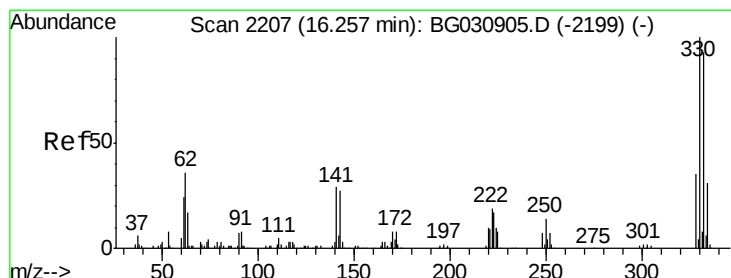
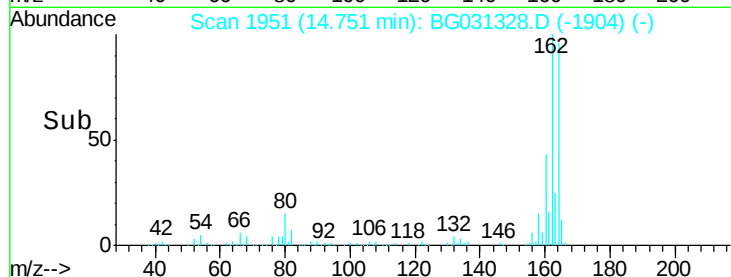
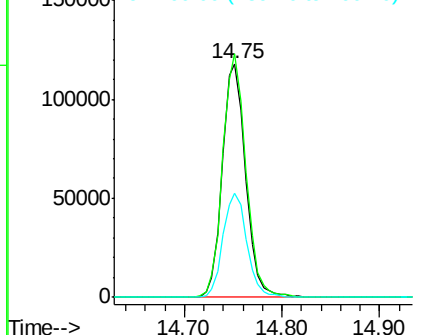
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.75 min Scan# 1951
 Delta R.T. -0.02 min
 Lab File: BG031328.D
 Acq: 1 Dec 2017 21:31

Instrument :
 BNA_G
 ClientSampleId :
 ENV-105-3(5-10)

Tot Ion:164 Resp: 195487
 Ion Ratio Lower Upper
 164 100
 162 104.1 78.8 118.2
 160 44.8 35.4 53.0

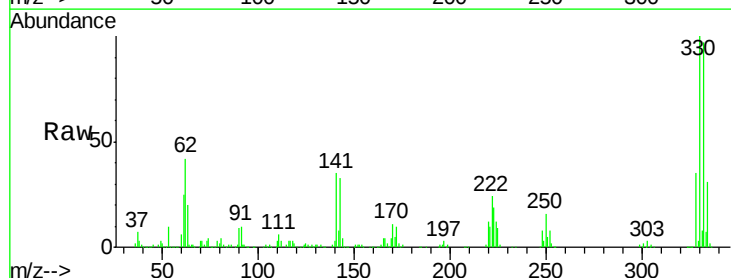


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

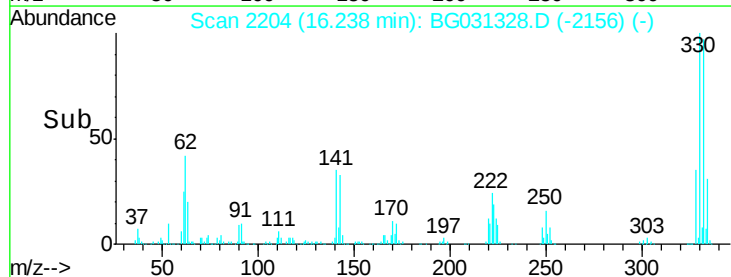
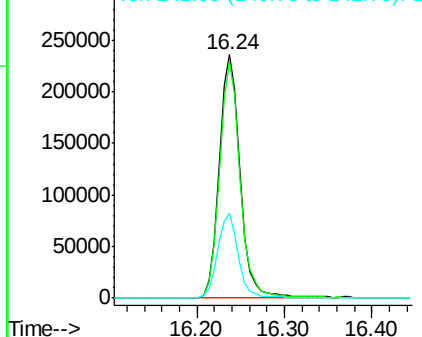


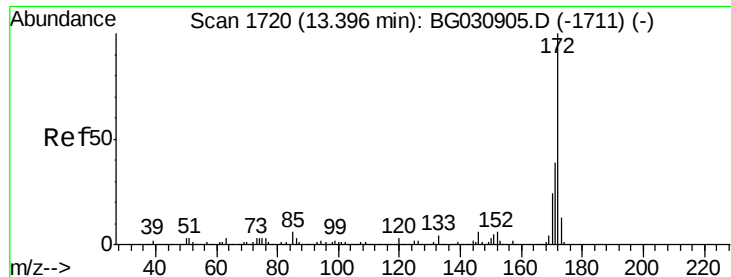
#41
 2,4,6-Tribromophenol
 Concen: 123.77 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. -0.02 min
 Lab File: BG031328.D
 Acq: 1 Dec 2017 21:31

Tgt Ion:330 Resp: 391404
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 34.8 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

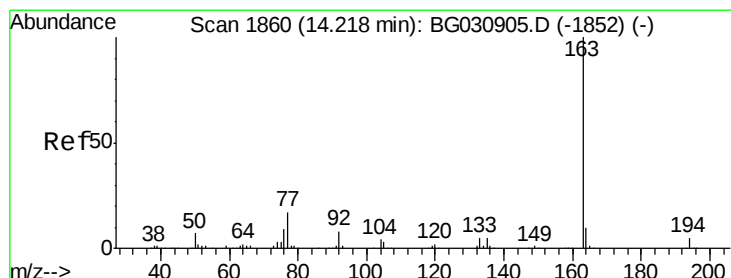
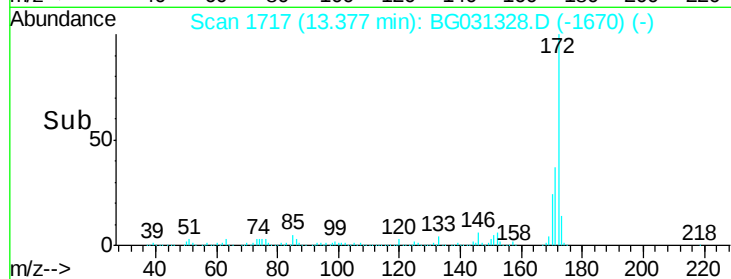
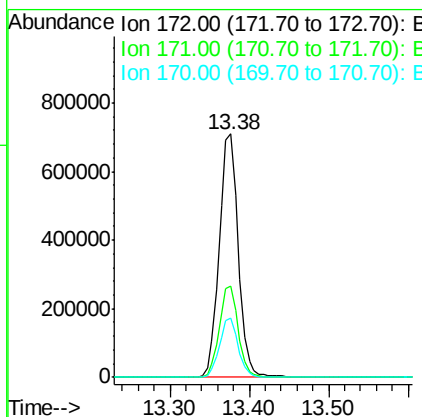
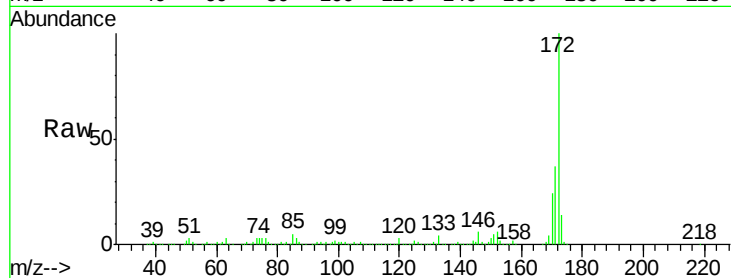




#44
2-Fluorobiphenyl
Concen: 86.87 ng
RT: 13.38 min Scan# 1717
Delta R.T. -0.02 min
Lab File: BG031328.D
Acq: 1 Dec 2017 21:31

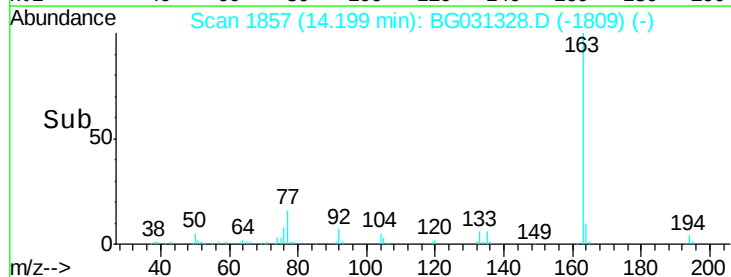
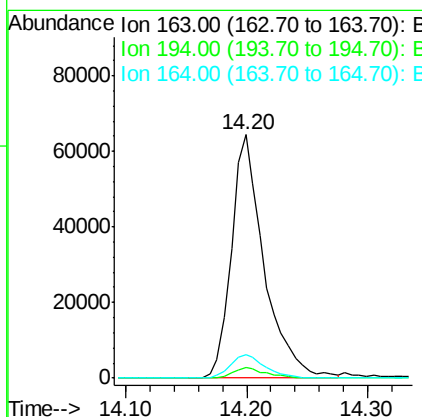
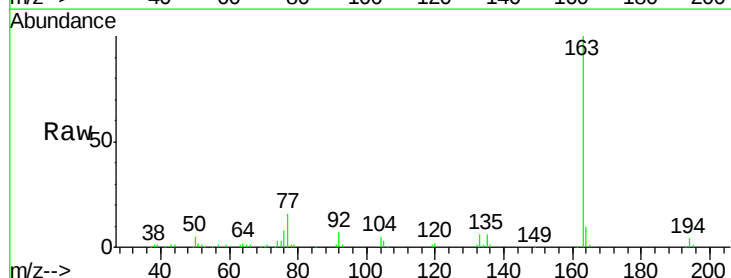
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BNA_G
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ENV-105-3(5-10)

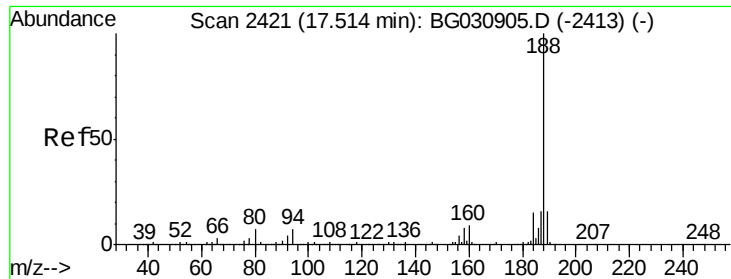
Tot Ion:172 Resp: 1181855
Ion Ratio Lower Upper
172 100
171 37.4 30.0 45.0
170 24.4 19.5 29.3



#49
Dimethylphthalate
Concen: 7.16 ng
RT: 14.20 min Scan# 1857
Delta R.T. -0.02 min
Lab File: BG031328.D
Acq: 1 Dec 2017 21:31

Tgt Ion:163 Resp: 121064
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 9.6 8.2 12.4

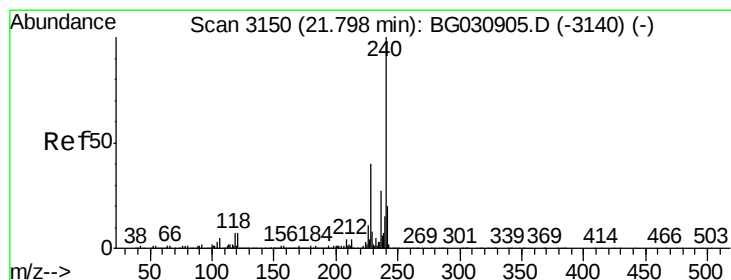
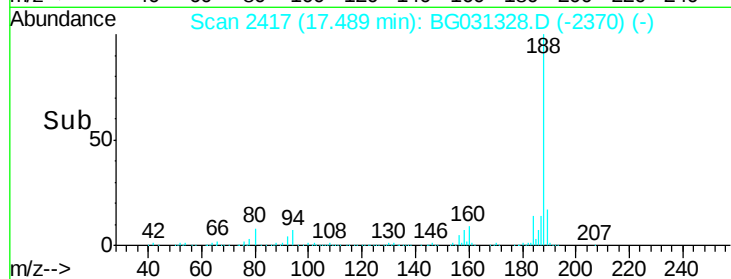
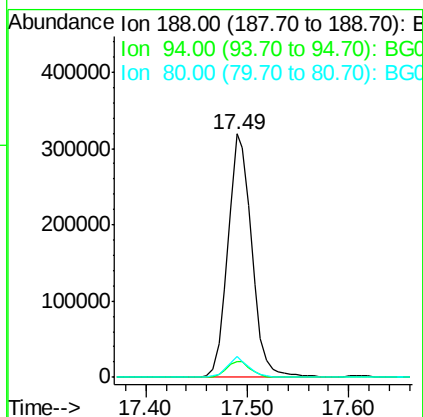
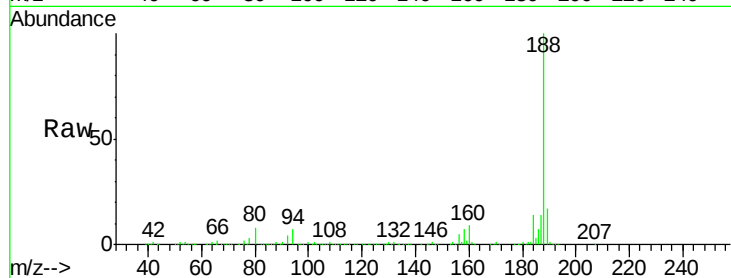




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BG031328.D
Acq: 1 Dec 2017 21:31

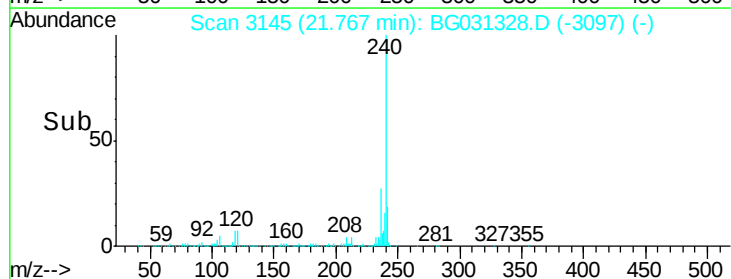
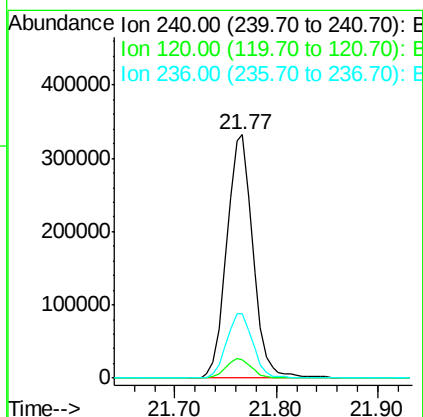
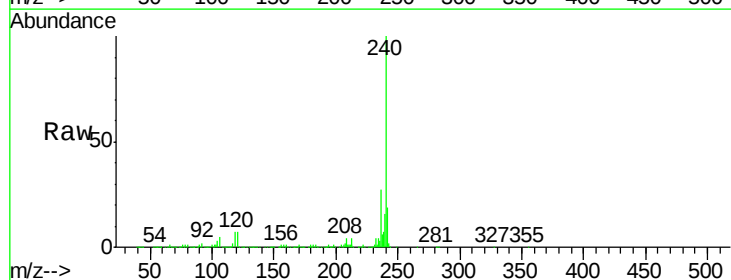
Instrument :
BNA_G
ClientSampleId :
ENV-105-3(5-10)

Tot Ion:188 Resp: 520357
Ion Ratio Lower Upper
188 100
94 6.7 6.9 10.3#
80 8.4 7.7 11.5



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.02 min
Lab File: BG031328.D
Acq: 1 Dec 2017 21:31

Tgt Ion:240 Resp: 594427
Ion Ratio Lower Upper
240 100
120 7.4 6.8 10.2
236 26.7 20.9 31.3





#78

Terphenyl-d14

Concen: 80.23 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG031328.D

Acq: 1 Dec 2017 21:31

Instrument :

BNA_G

ClientSampleId :

ENV-105-3(5-10)

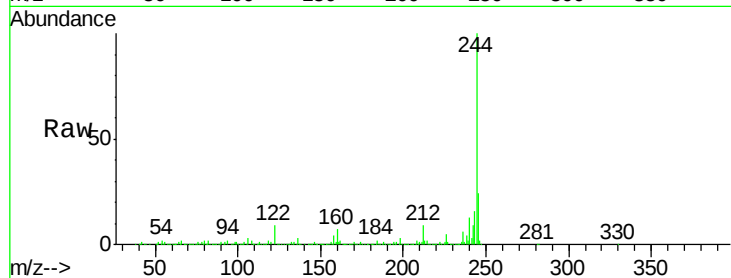
Tot Ion:244 Resp: 2159761

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

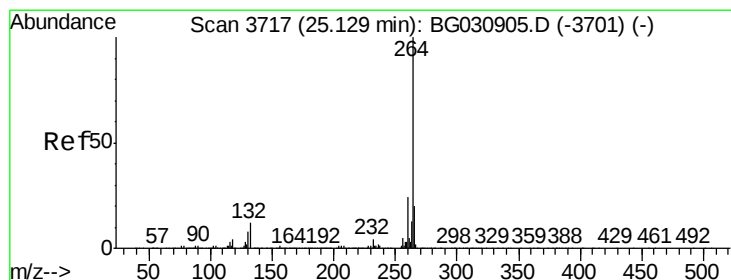
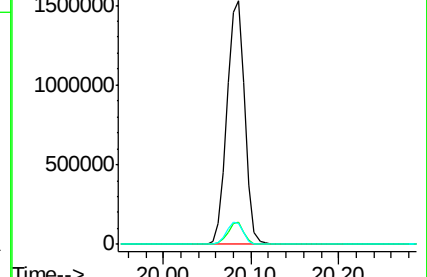
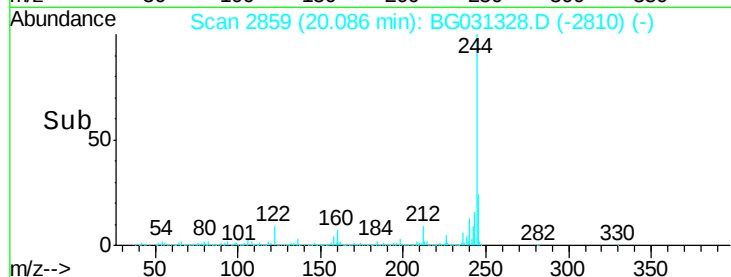
122 8.5 7.0 10.4



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: BG031328.D

Acq: 1 Dec 2017 21:31

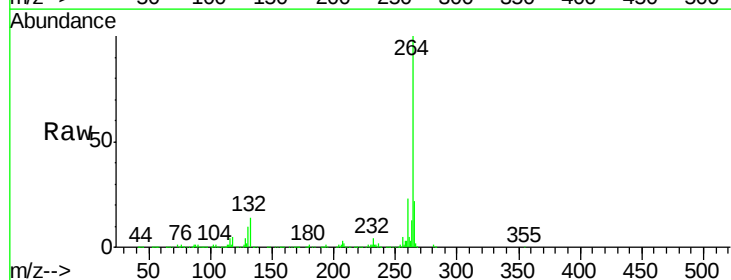
Tgt Ion:264 Resp: 585045

Ion Ratio Lower Upper

264 100

260 23.3 17.4 26.0

265 22.4 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

