

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120117\
 Data File : BG031326.D
 Acq On : 1 Dec 2017 20:16
 Operator : SJ/JU
 Sample : I6671-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ENV-106-1(50-60)

Quant Time: Dec 02 01:59:10 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

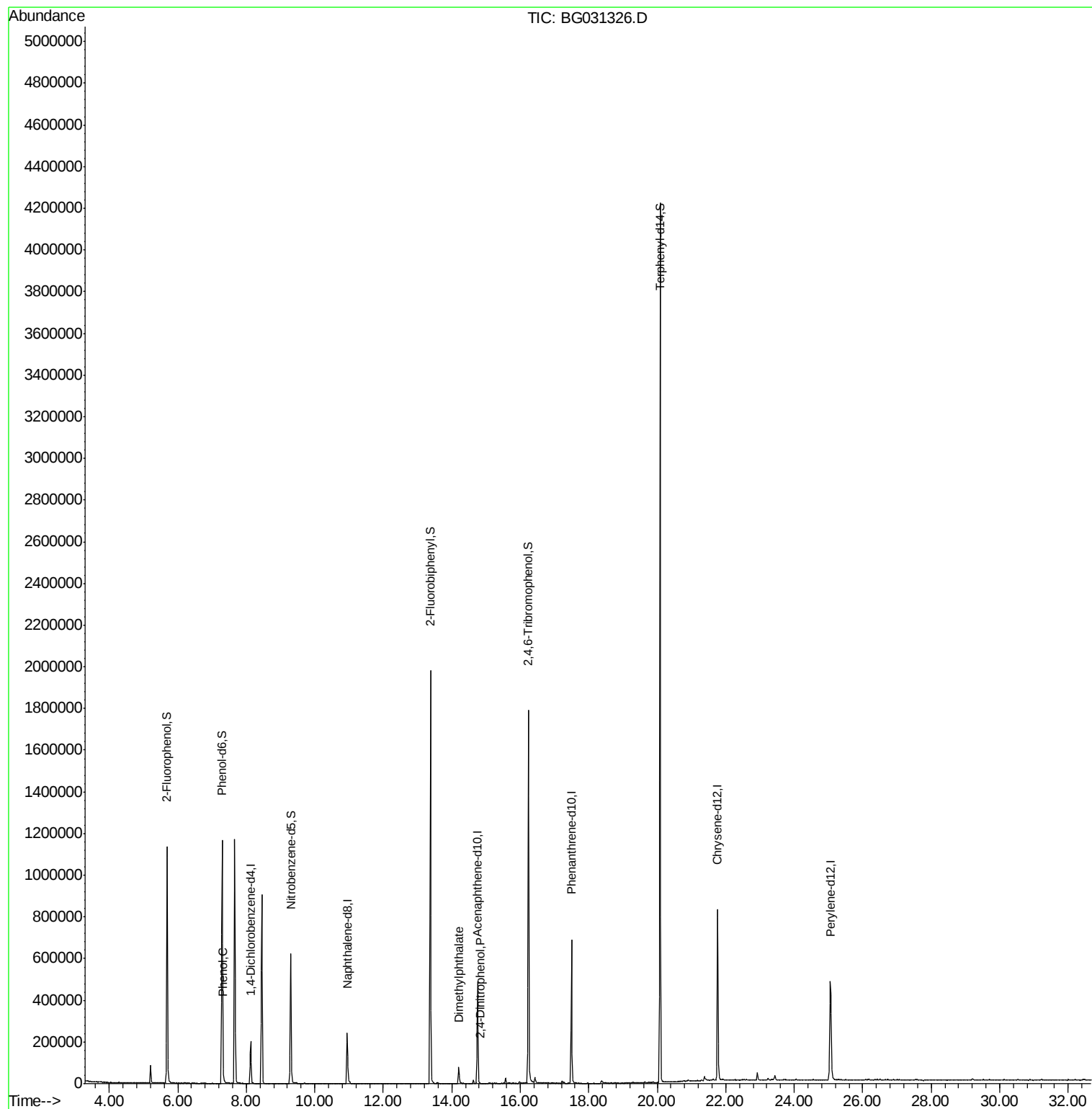
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	65147	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	274922	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	180894	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	492927	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	572056	20.00	ng	-0.02
86) Perylene-d12	25.06	264	547742	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	585708	154.17	ng	-0.02
7) Phenol-d6	7.29	99	754430	147.40	ng	-0.01
23) Nitrobenzene-d5	9.30	82	429798	92.64	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	368780	126.02	ng	-0.02
44) 2-Fluorobiphenyl	13.38	172	1198796	95.22	ng	-0.02
78) Terphenyl-d14	20.08	244	2107928	81.36	ng	-0.02
Target Compounds						
10) Phenol	7.32	94	25399	4.78	ng	Qvalue 95
49) Dimethylphthalate	14.20	163	83197	5.32	ng	100
53) 2,4-Dinitrophenol	14.84	184	54	5.89	ng	# 1

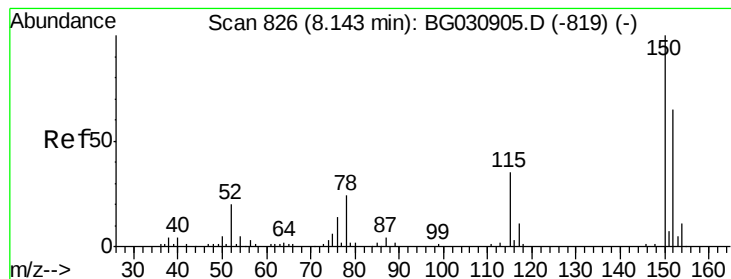
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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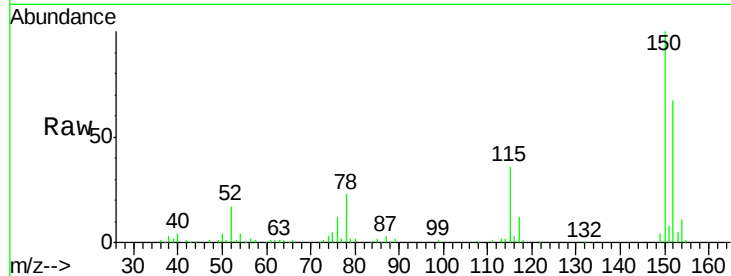


#1

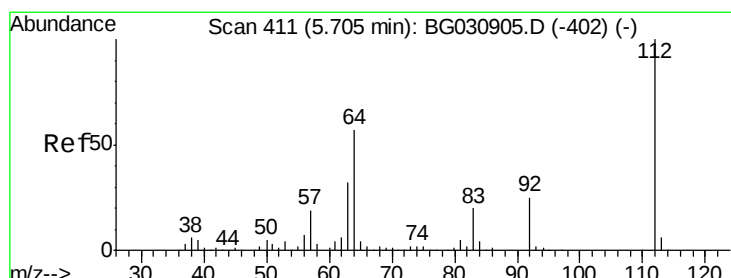
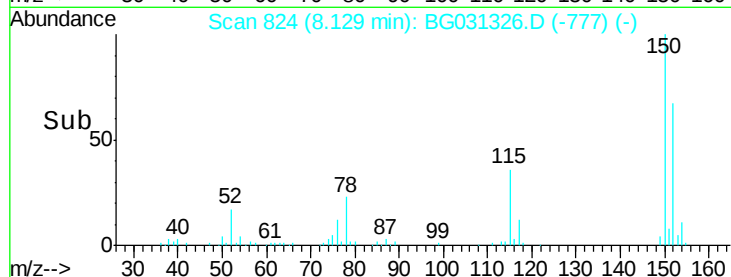
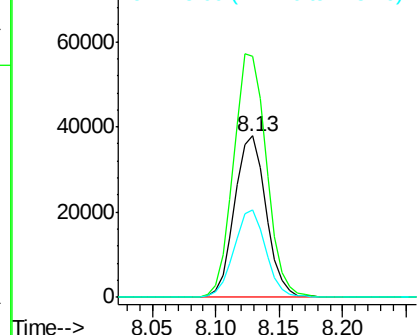
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.13 min Scan# 824
Delta R.T. -0.02 min
Lab File: BG031326.D
Acq: 1 Dec 2017 20:16

Instrument :
BNA_G
ClientSampleId :
ENV-106-1(50-60)

Tot Ion:152 Resp: 65147
Ion Ratio Lower Upper
152 100
150 149.6 126.6 189.8
115 54.4 53.0 79.4



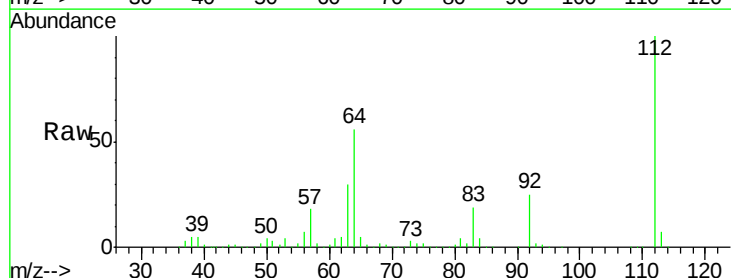
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



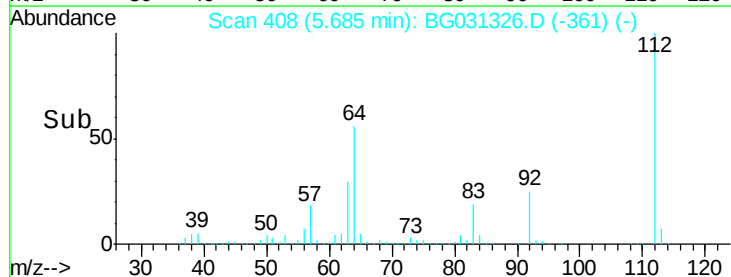
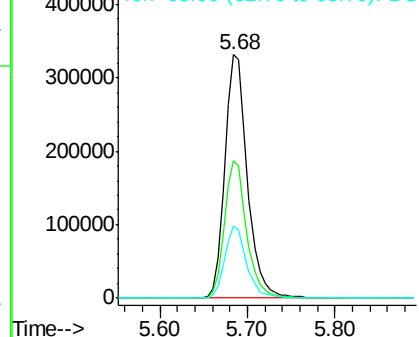
#5

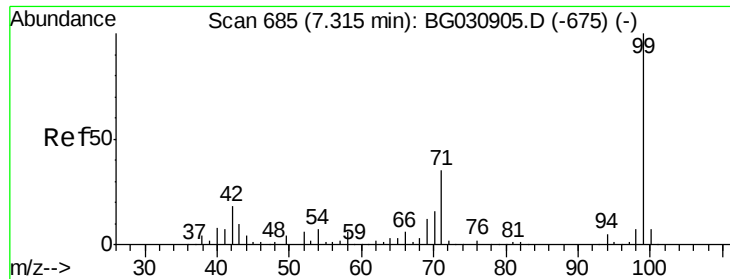
2-Fluorophenol
Concen: 154.17 ng
RT: 5.68 min Scan# 408
Delta R.T. -0.02 min
Lab File: BG031326.D
Acq: 1 Dec 2017 20:16

Tgt Ion:112 Resp: 585708
Ion Ratio Lower Upper
112 100
64 56.4 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: 147.40 ng

RT: 7.29 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031326.D

Acq: 1 Dec 2017 20:16

Instrument :

BNA_G

ClientSampleId :

ENV-106-1(50-60)

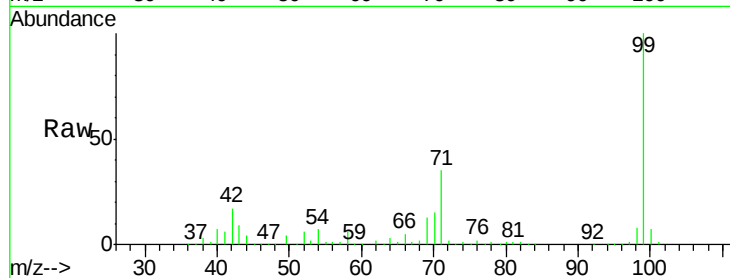
Tot Ion: 99 Resp: 754430

Ion Ratio Lower Upper

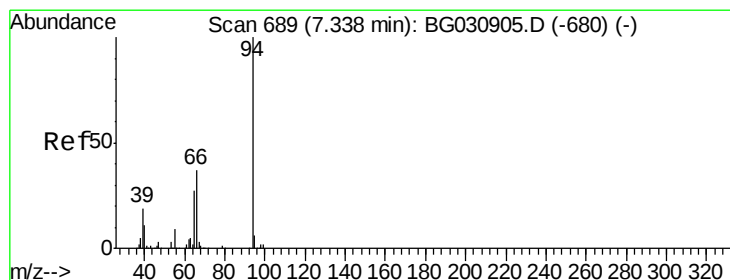
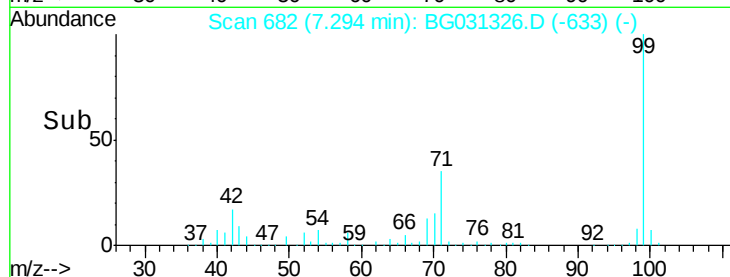
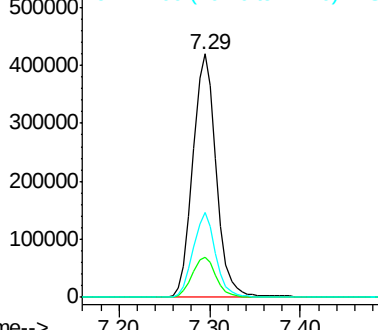
99 100

42 16.6 14.1 21.1

71 34.9 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: 4.78 ng

RT: 7.32 min Scan# 687

Delta R.T. -0.01 min

Lab File: BG031326.D

Acq: 1 Dec 2017 20:16

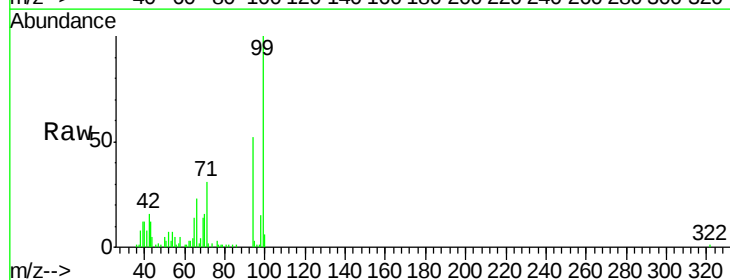
Tgt Ion: 94 Resp: 25399

Ion Ratio Lower Upper

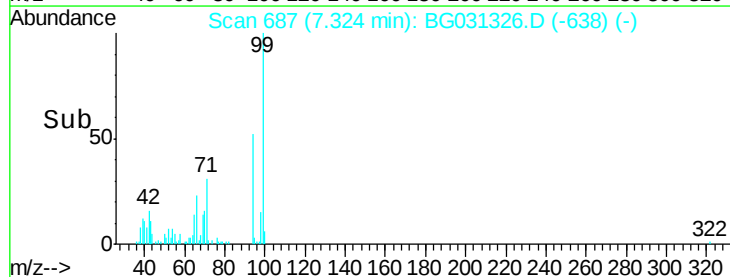
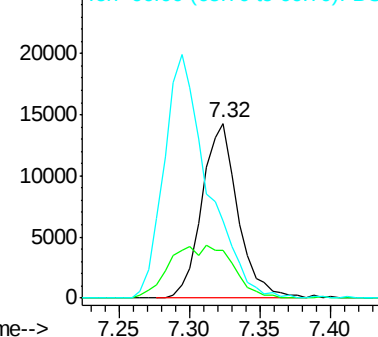
94 100

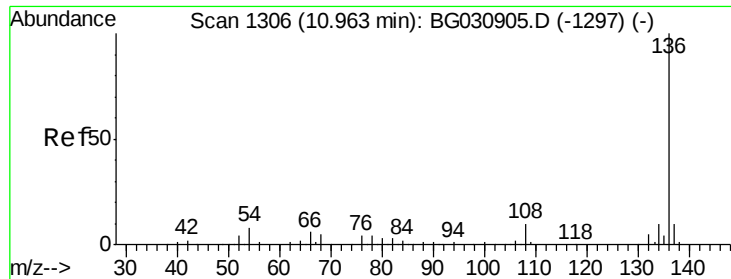
65 27.2 11.9 51.9

66 44.1 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

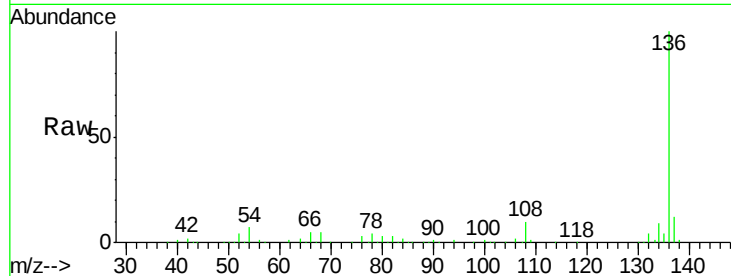




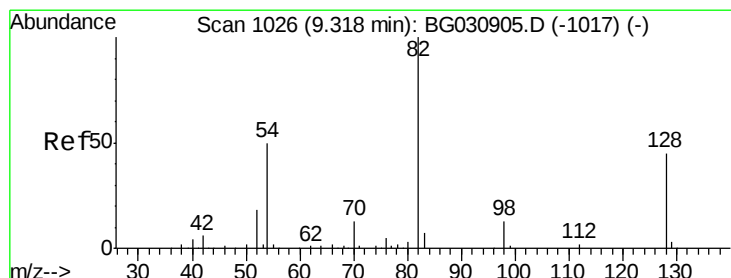
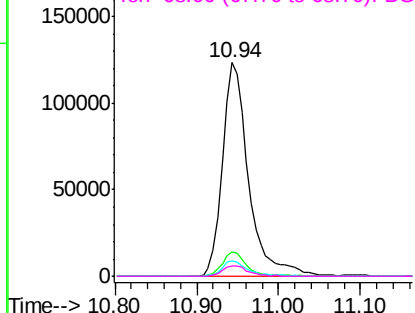
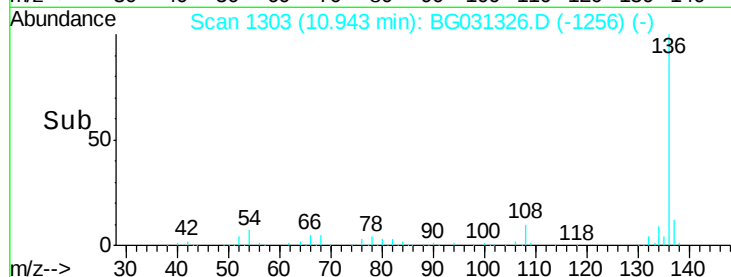
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.94 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BG031326.D
Acq: 1 Dec 2017 20:16

Instrument :
BNA_G
ClientSampleId :
ENV-106-1(50-60)

Tot Ion:136 Resp: 274922
Ion Ratio Lower Upper
136 100
137 11.6 9.2 13.8
54 7.1 10.3 15.5#
68 4.8 4.5 6.7

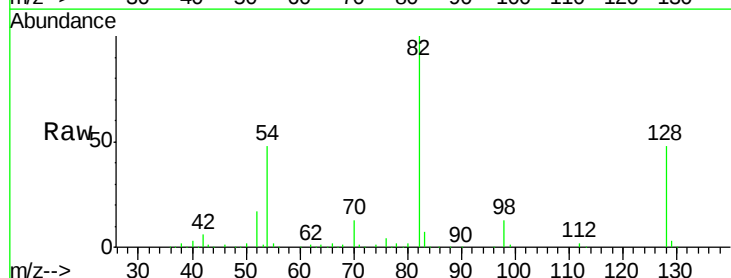


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

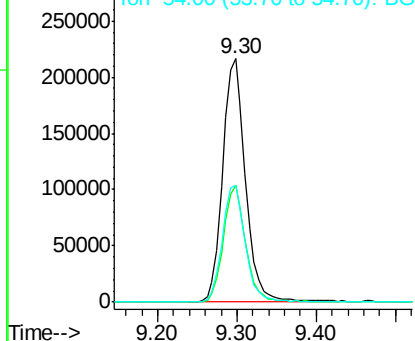
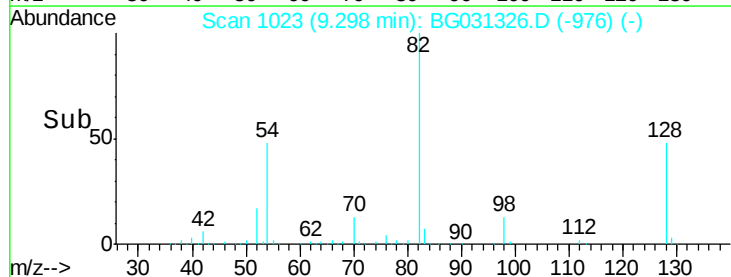


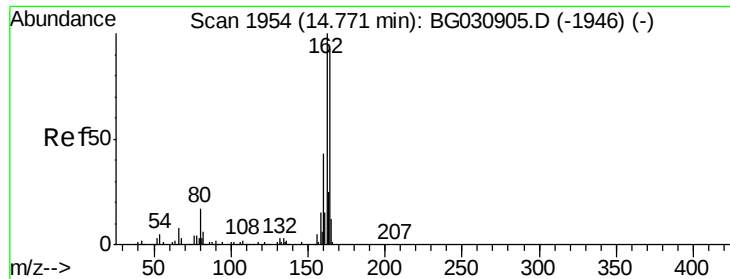
#23
Nitrobenzene-d5
Concen: 92.64 ng
RT: 9.30 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BG031326.D
Acq: 1 Dec 2017 20:16

Tgt Ion: 82 Resp: 429798
Ion Ratio Lower Upper
82 100
128 47.9 29.7 44.5#
54 48.2 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: 20.00 ng

RT: 14.75 min Scan# 1951

Delta R.T. -0.02 min

Lab File: BG031326.D

Acq: 1 Dec 2017 20:16

Instrument :

BNA_G

ClientSampleId :

ENV-106-1(50-60)

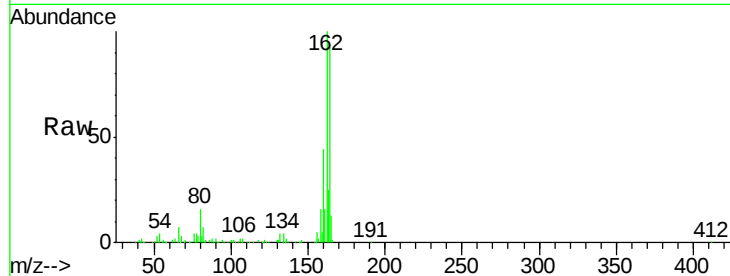
Tot Ion:164 Resp: 180894

Ion Ratio Lower Upper

164 100

162 106.7 78.8 118.2

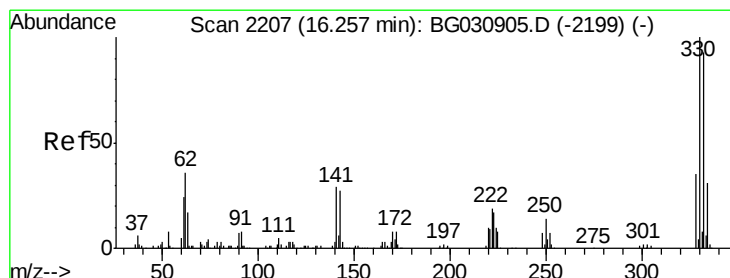
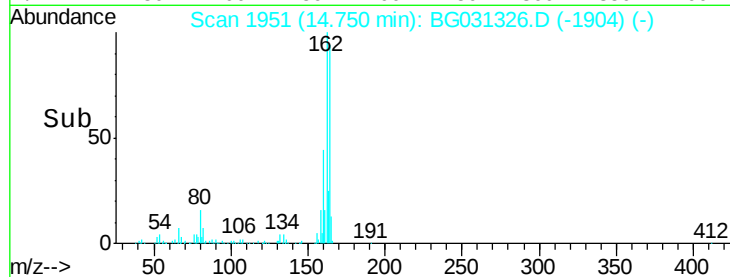
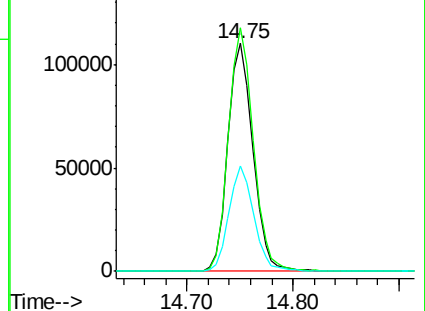
160 46.5 35.4 53.0



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: 126.02 ng

RT: 16.24 min Scan# 2204

Delta R.T. -0.02 min

Lab File: BG031326.D

Acq: 1 Dec 2017 20:16

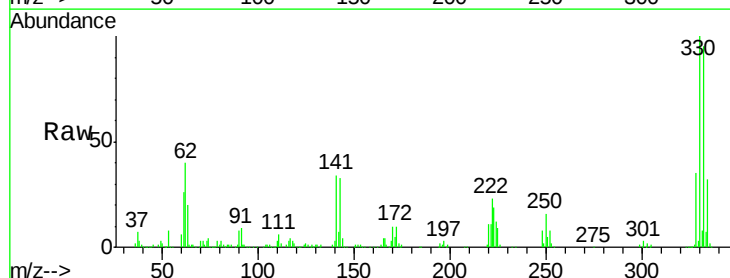
Tgt Ion:330 Resp: 368780

Ion Ratio Lower Upper

330 100

332 95.7 77.0 115.6

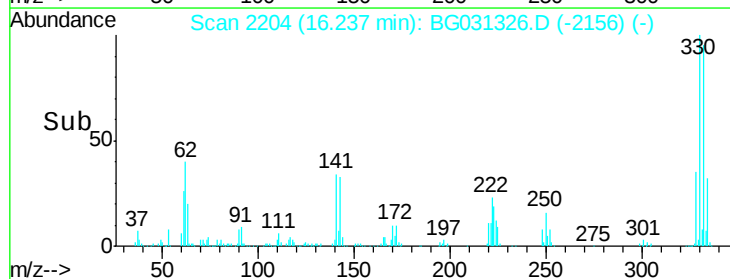
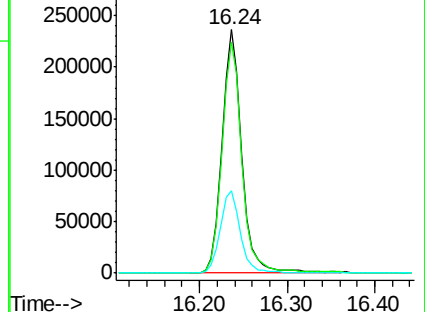
141 35.0 25.2 37.8

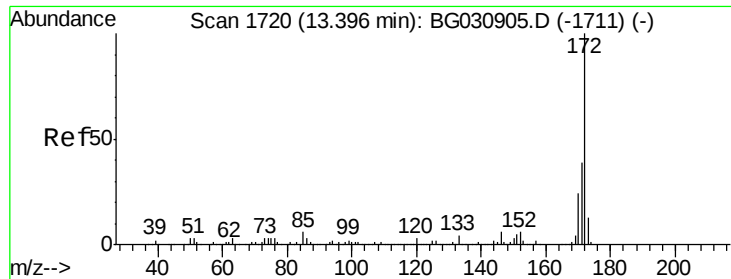


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



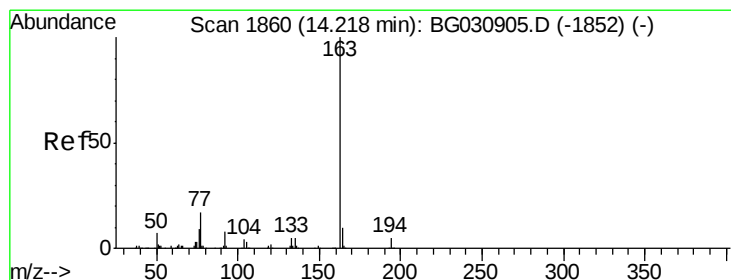
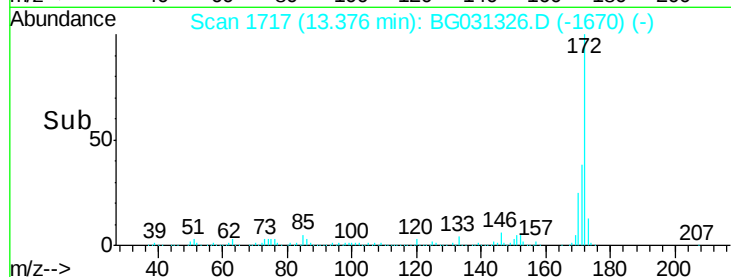
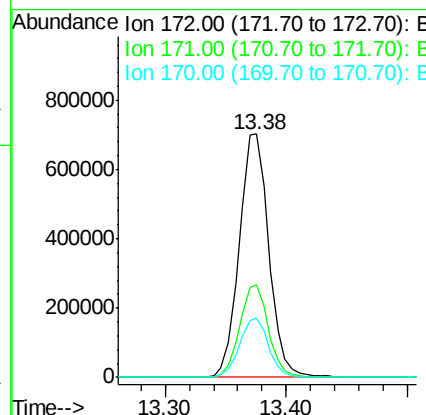
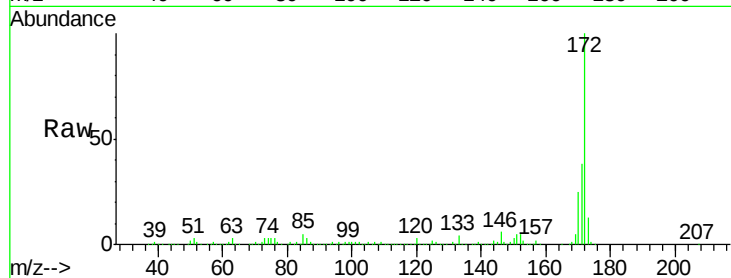


#44
 2-Fluorobiphenyl
 Concen: 95.22 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG031326.D
 Acq: 1 Dec 2017 20:16

Instrument :
 BNA_G
 ClientSampleId :
 ENV-106-1(50-60)

Tot Ion:172 Resp: 1198796

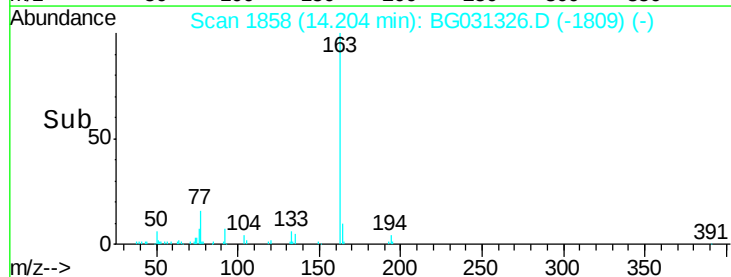
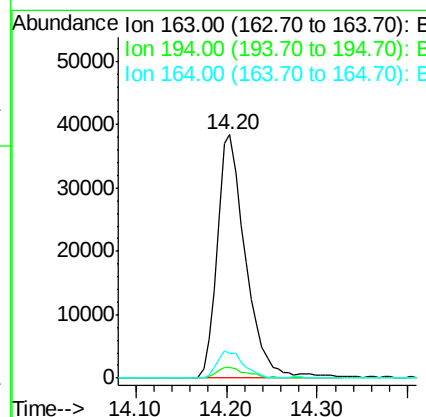
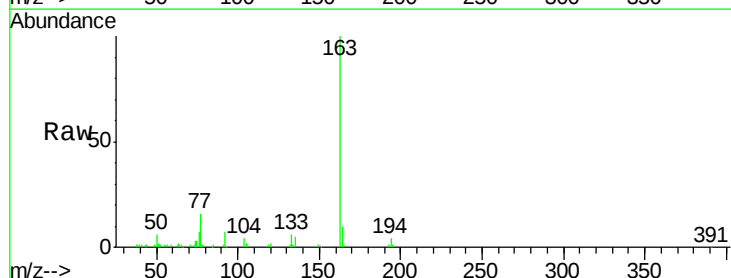
Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.0	45.0
170	24.6	19.5	29.3

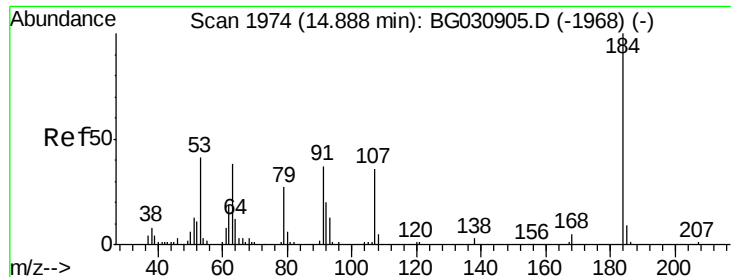


#49
 Dimethylphthalate
 Concen: 5.32 ng
 RT: 14.20 min Scan# 1858
 Delta R.T. -0.01 min
 Lab File: BG031326.D
 Acq: 1 Dec 2017 20:16

Tgt Ion:163 Resp: 83197

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.1	8.2	12.4

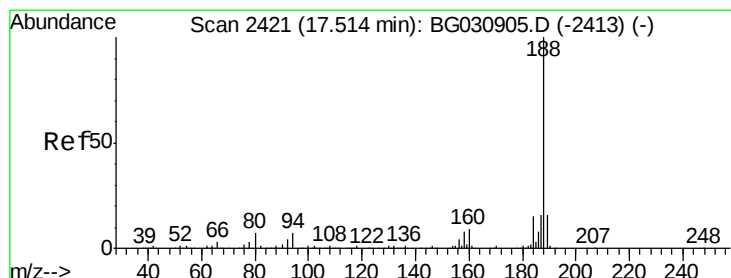
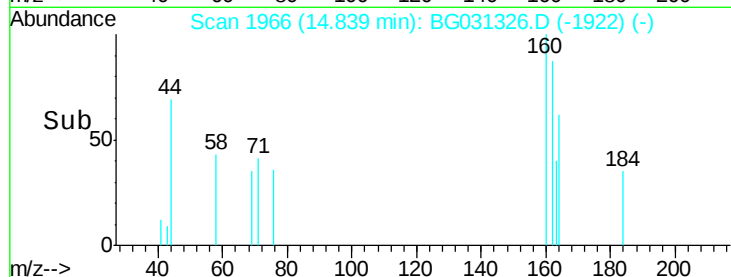
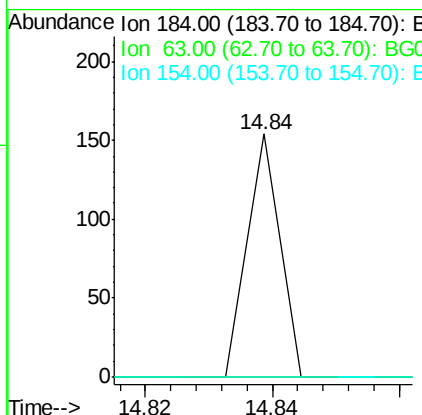
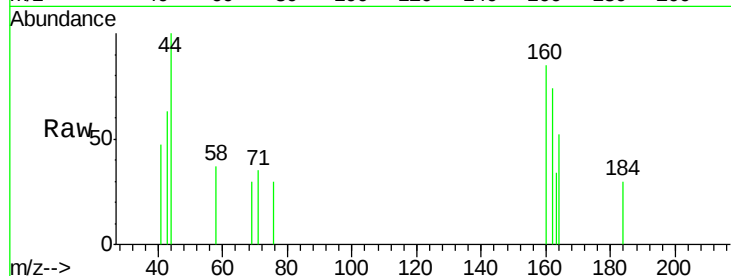




#53
 2,4-Dinitrophenol
 Concen: 5.89 ng
 RT: 14.84 min Scan# 1966
 Delta R.T. -0.04 min
 Lab File: BG031326.D
 Acq: 1 Dec 2017 20:16

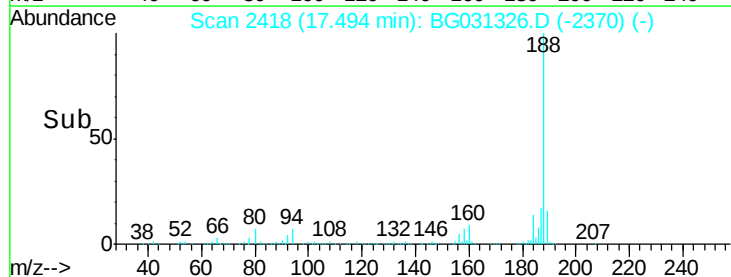
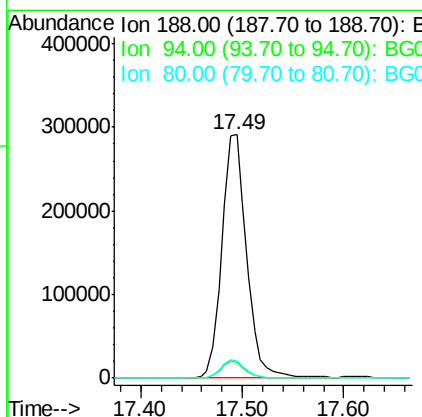
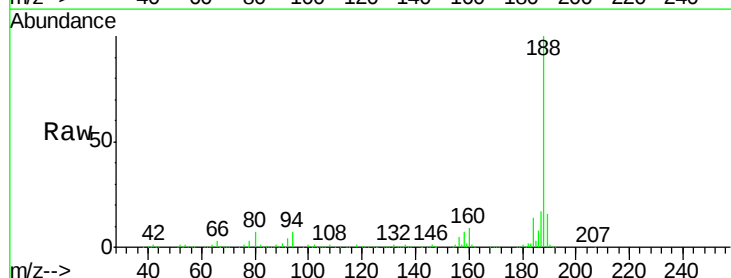
Instrument :
 BNA_G
 ClientSampleId :
 ENV-106-1(50-60)

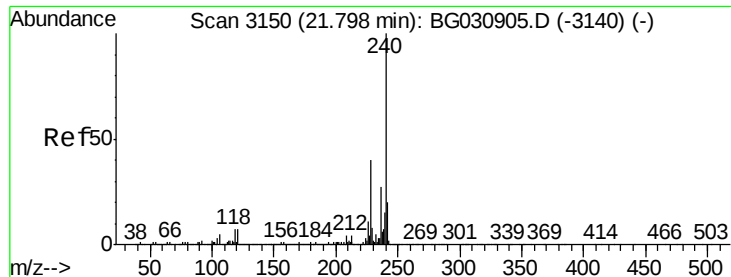
Tot Ion:184 Resp: 54
 Ion Ratio Lower Upper
 184 100
 63 0.0 59.8 89.8#
 154 0.0 101.8 152.8#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.49 min Scan# 2418
 Delta R.T. -0.02 min
 Lab File: BG031326.D
 Acq: 1 Dec 2017 20:16

Tgt Ion:188 Resp: 492927
 Ion Ratio Lower Upper
 188 100
 94 6.7 6.9 10.3#
 80 7.1 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: BG031326.D

Acq: 1 Dec 2017 20:16

Instrument :

BNA_G

ClientSampleId :

ENV-106-1(50-60)

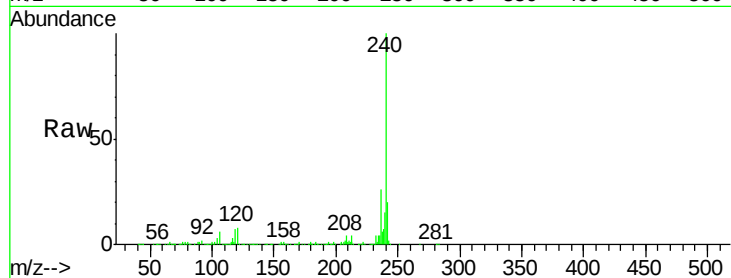
Tot Ion:240 Resp: 572056

Ion Ratio Lower Upper

240 100

120 7.9 6.8 10.2

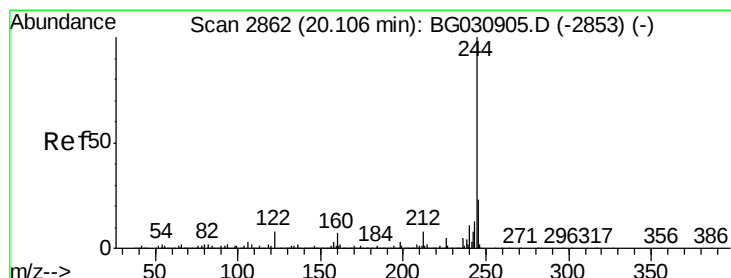
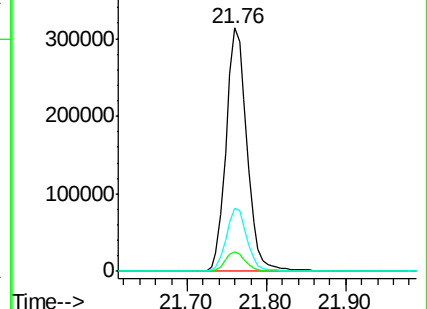
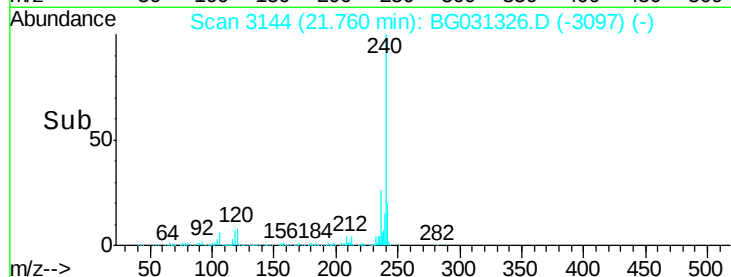
236 26.0 20.9 31.3



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: 81.36 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.02 min

Lab File: BG031326.D

Acq: 1 Dec 2017 20:16

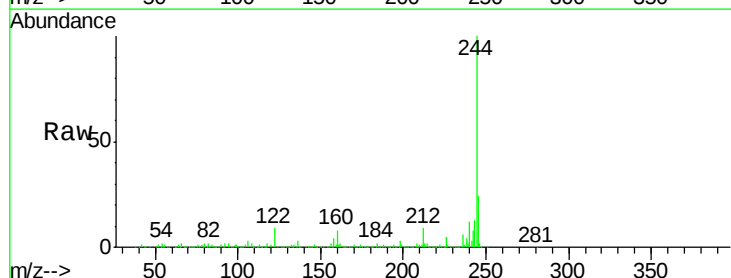
Tgt Ion:244 Resp: 2107928

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

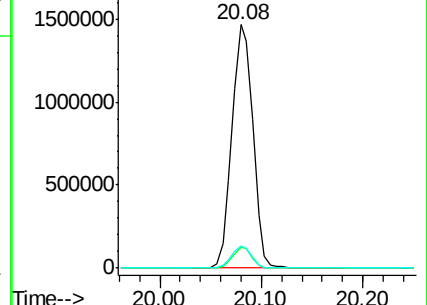
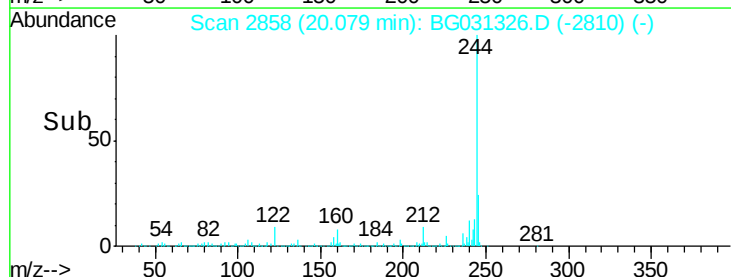
122 8.9 7.0 10.4

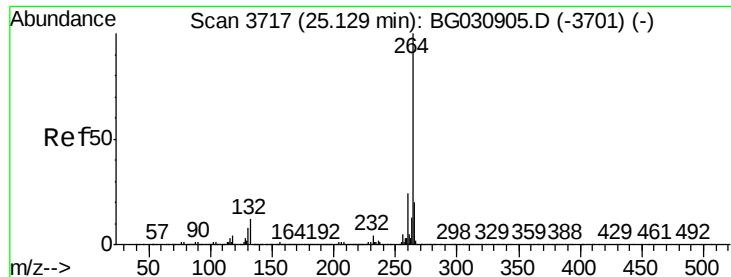


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.06 min Scan# 3705
Delta R.T. -0.04 min
Lab File: BG031326.D
Acq: 1 Dec 2017 20:16

Instrument :
BNA_G
ClientSampleId :
ENV-106-1(50-60)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.4	26.0
265	20.8	17.7	26.5

