

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG120417\
 Data File : BG031359.D
 Acq On : 4 Dec 2017 23:01
 Operator : SJ/JU
 Sample : I6699-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RT-3874

Quant Time: Dec 05 04:19:56 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

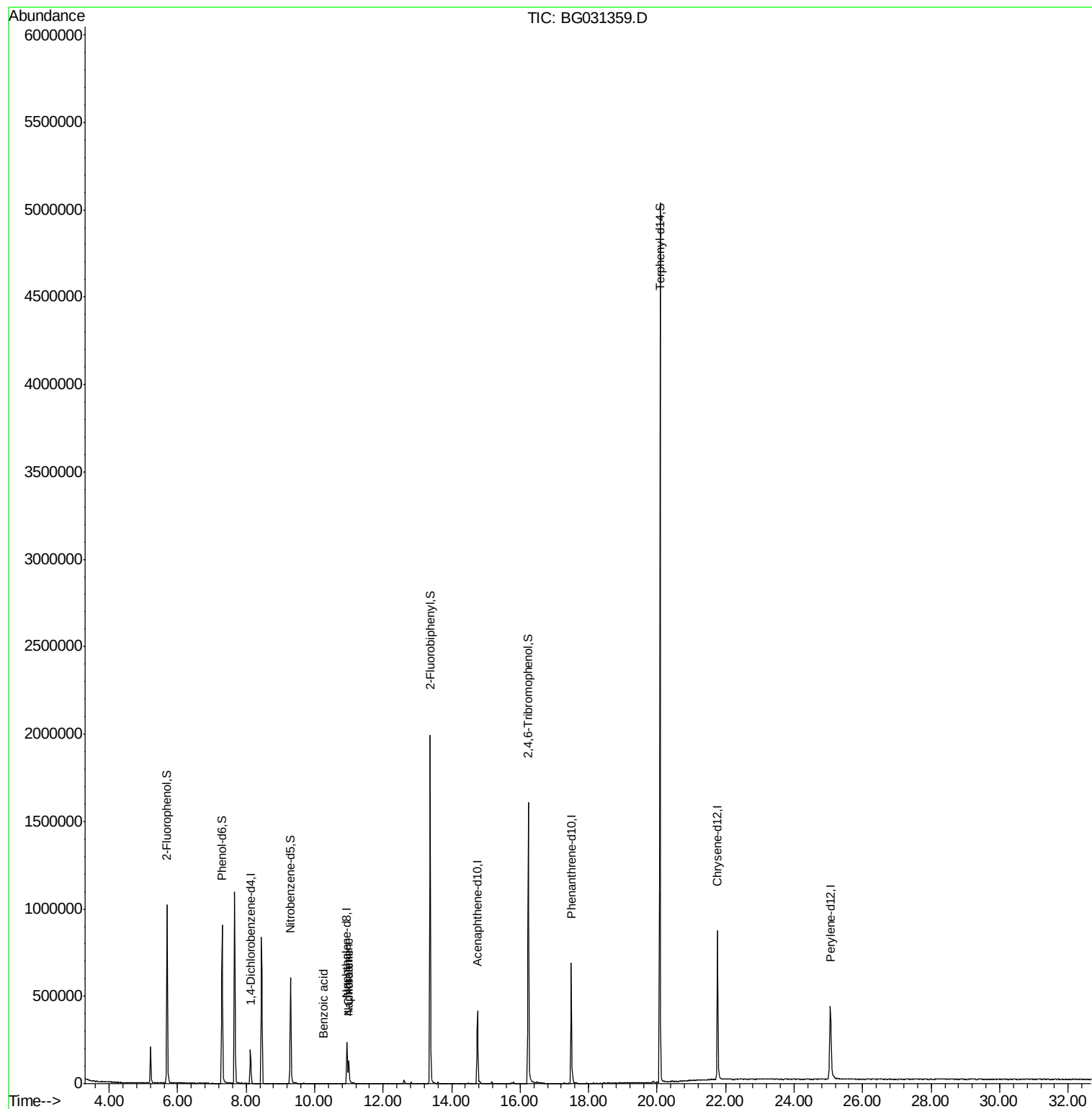
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	61358	20.00	ng	-0.03
21) Naphthalene-d8	10.94	136	259892	20.00	ng	-0.03
38) Acenaphthene-d10	14.75	164	172877	20.00	ng	-0.03
63) Phenanthrene-d10	17.49	188	485531	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	579201	20.00	ng	-0.02
86) Perylene-d12	25.06	264	550684	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	519054	145.06	ng	-0.02
7) Phenol-d6	7.30	99	614213	127.41	ng	0.00
23) Nitrobenzene-d5	9.30	82	416672	95.00	ng	-0.03
41) 2,4,6-Tribromophenol	16.23	330	363237	129.89	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	1191379	99.02	ng	-0.03
78) Terphenyl-d14	20.08	244	2390913	91.15	ng	-0.01
Target Compounds						
31) Naphthalene	10.99	128	128928	10.091	ng	99
32) Benzoic acid	10.25	122	54	5.678	ng	# 1
33) 4-Chloroaniline	10.99	127	16442	2.940	ng	# 38

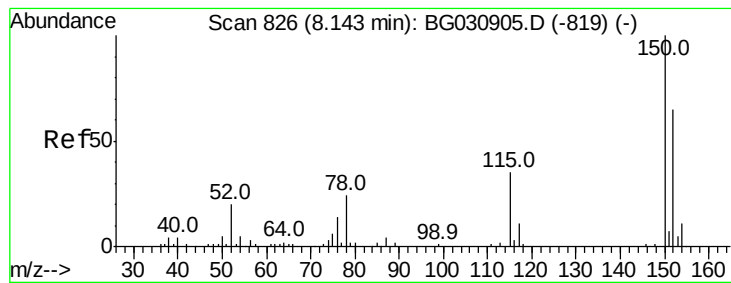
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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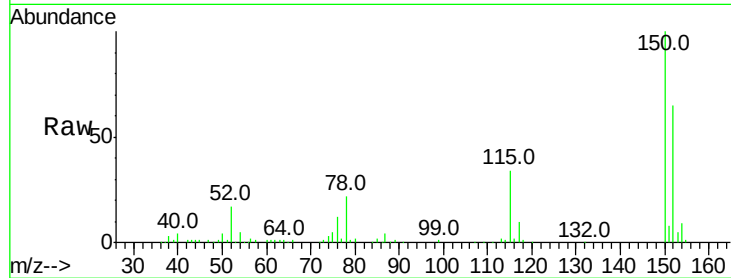


#1

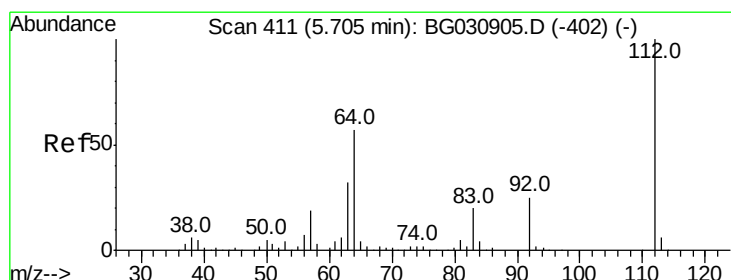
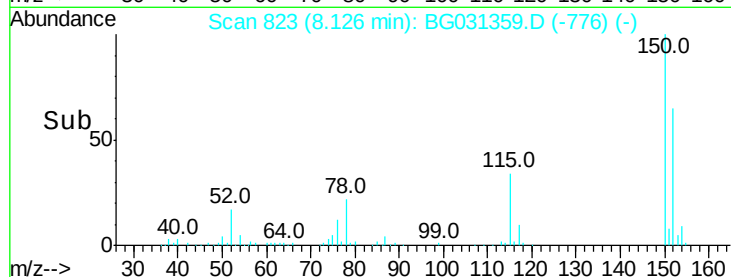
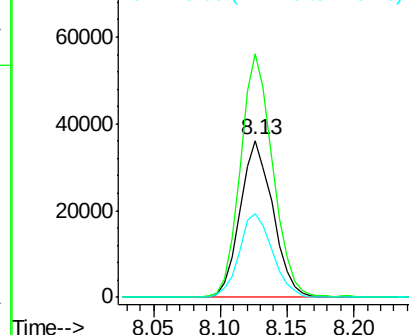
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.13 min Scan# 823
 Delta R.T. -0.03 min
 Lab File: BG031359.D
 Acq: 4 Dec 2017 23:01

Instrument :
 BNA_G
 ClientSampleId :
 RT-3874

Tot Ion:152 Resp: 61358
 Ion Ratio Lower Upper
 152 100
 150 154.9 126.6 189.8
 115 53.3 53.0 79.4



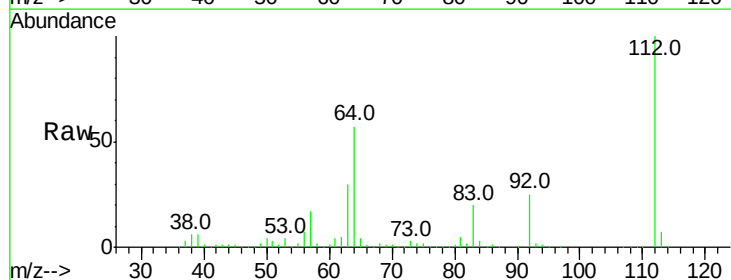
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



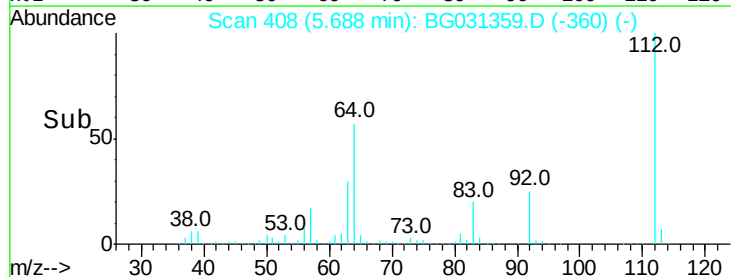
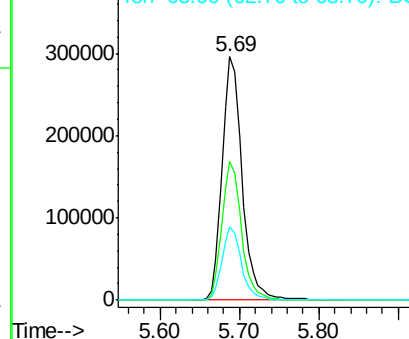
#5

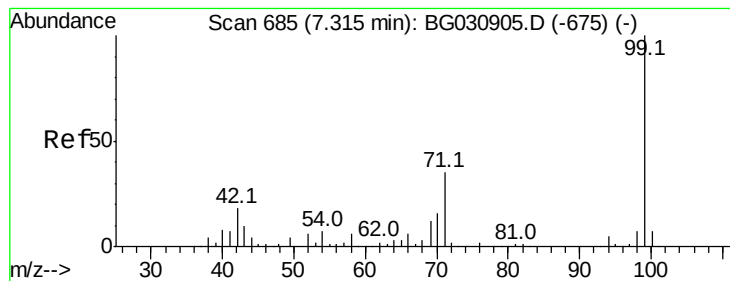
2-Fluorophenol
 Concen: 145.059 ng
 RT: 5.69 min Scan# 408
 Delta R.T. -0.02 min
 Lab File: BG031359.D
 Acq: 4 Dec 2017 23:01

Tgt Ion:112 Resp: 519054
 Ion Ratio Lower Upper
 112 100
 64 56.9 56.3 84.5
 63 30.4 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BG
 Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 127.413 ng

RT: 7.30 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031359.D

Acq: 4 Dec 2017 23:01

Instrument :

BNA_G

ClientSampleId :

RT-3874

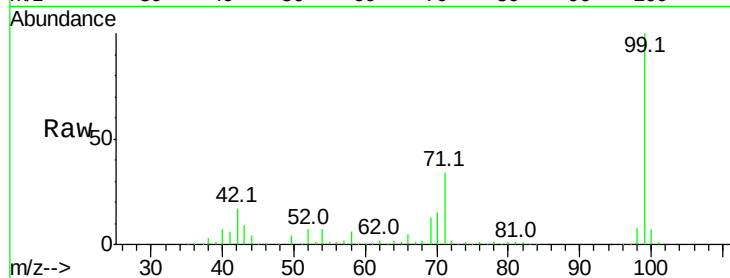
Tot Ion: 99 Resp: 614213

Ion Ratio Lower Upper

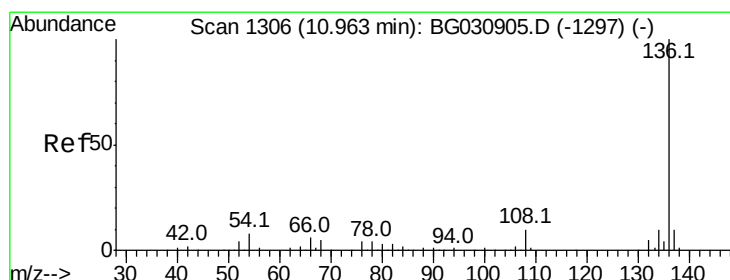
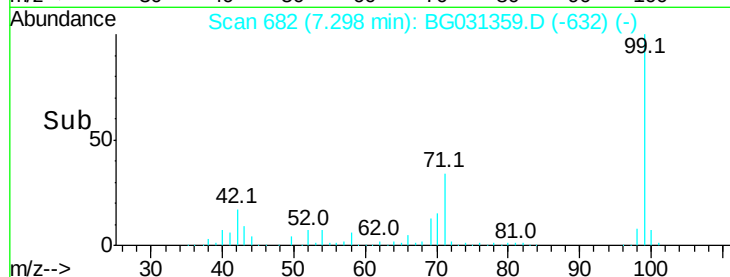
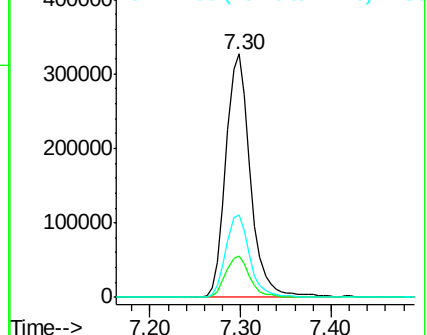
99 100

42 17.2 14.1 21.1

71 33.6 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.94 min Scan# 1302

Delta R.T. -0.03 min

Lab File: BG031359.D

Acq: 4 Dec 2017 23:01

Tgt Ion: 136 Resp: 259892

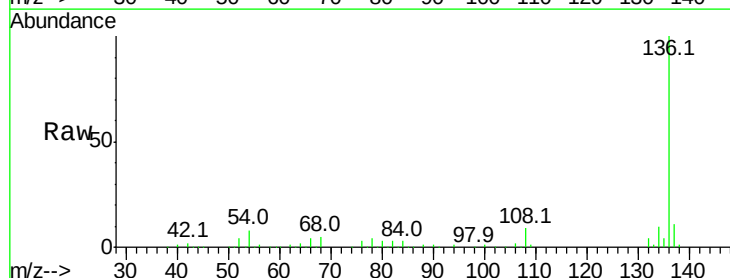
Ion Ratio Lower Upper

136 100

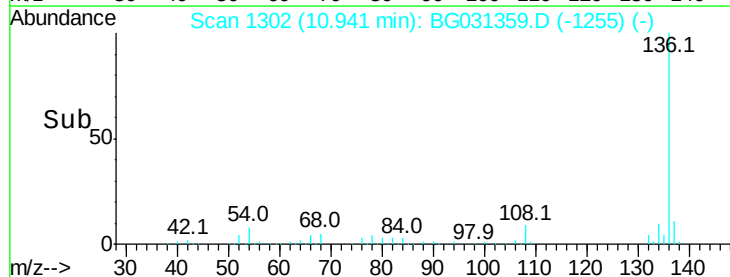
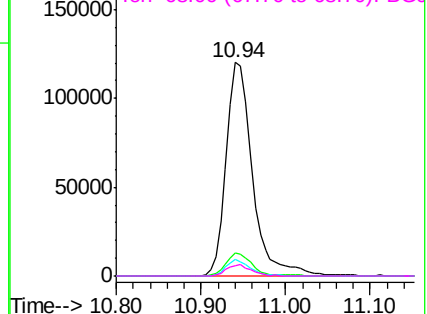
137 11.0 9.2 13.8

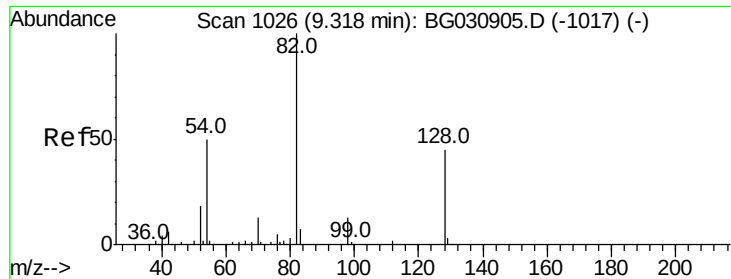
54 7.6 10.3 15.5#

68 5.1 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

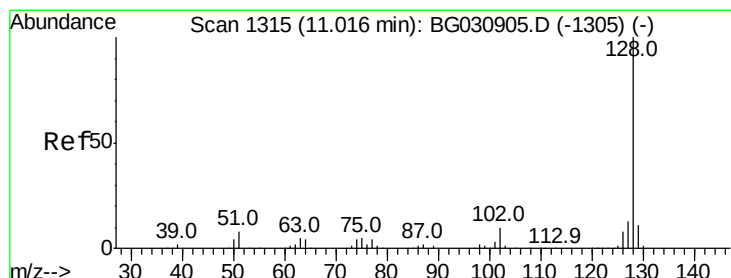
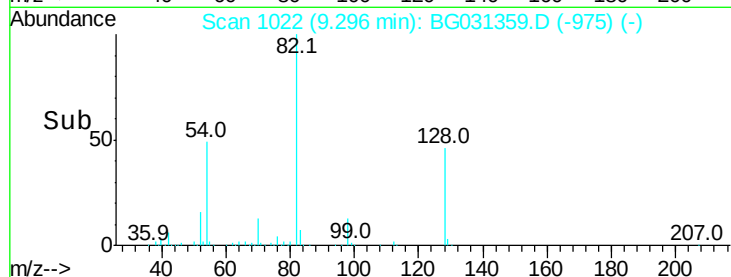
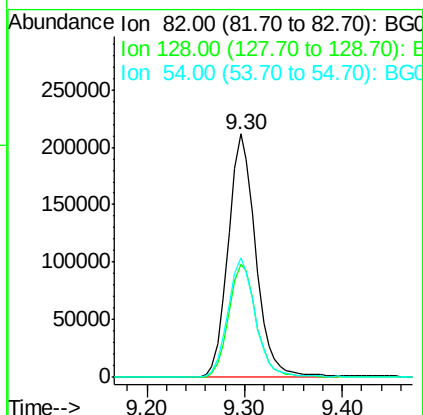
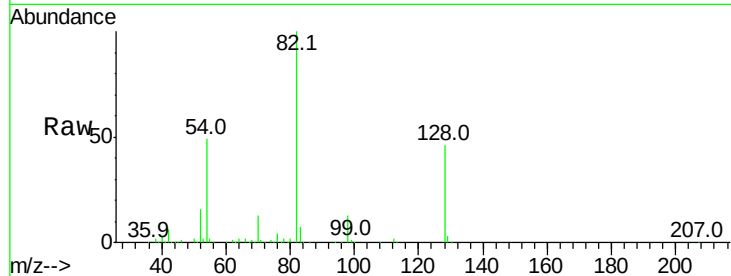




#23
 Nitrobenzene-d5
 Concen: 95.003 ng
 RT: 9.30 min Scan# 1022
 Delta R.T. -0.03 min
 Lab File: BG031359.D
 Acq: 4 Dec 2017 23:01

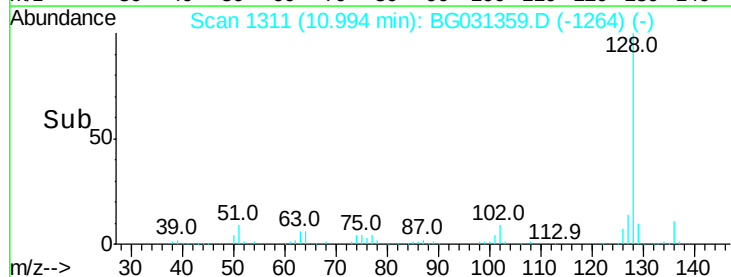
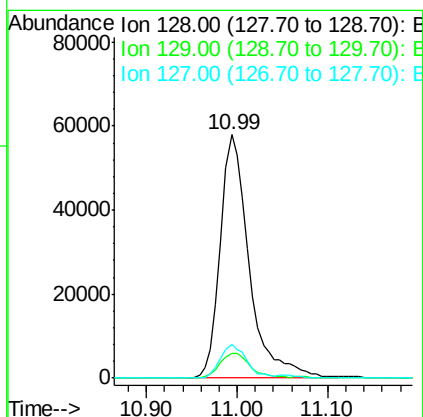
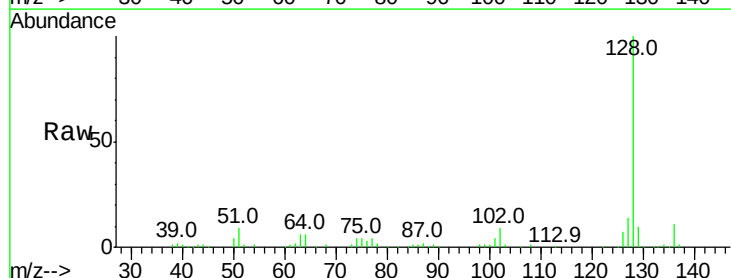
Instrument :
 BNA_G
 ClientSampled :
 RT-3874

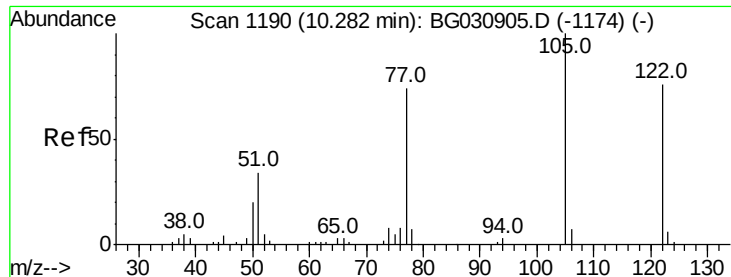
Tot Ion: 82 Resp: 416672
 Ion Ratio Lower Upper
 82 100
 128 46.2 29.7 44.5#
 54 48.9 43.1 64.7



#31
 Naphthalene
 Concen: 10.091 ng
 RT: 10.99 min Scan# 1311
 Delta R.T. -0.03 min
 Lab File: BG031359.D
 Acq: 4 Dec 2017 23:01

Tgt Ion: 128 Resp: 128928
 Ion Ratio Lower Upper
 128 100
 129 10.0 8.6 12.8
 127 14.0 11.6 17.4





#32

Benzoic acid

Concen: 5.678 ng

RT: 10.25 min Scan# 1185

Delta R.T. -0.01 min

Lab File: BG031359.D

Acq: 4 Dec 2017 23:01

Instrument :

BNA_G

ClientSampleId :

RT-3874

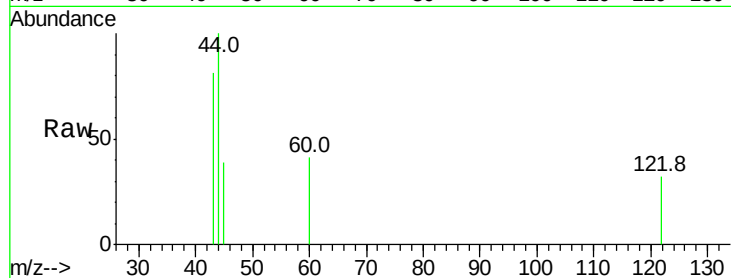
Tot Ion:122 Resp: 54

Ion Ratio Lower Upper

122 100

105 0.0 123.5 163.5#

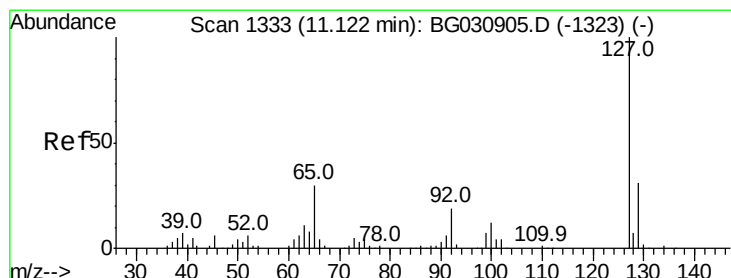
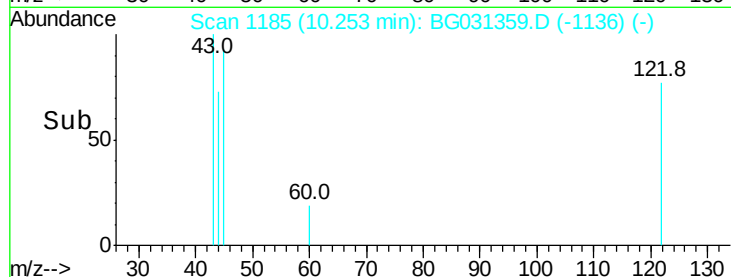
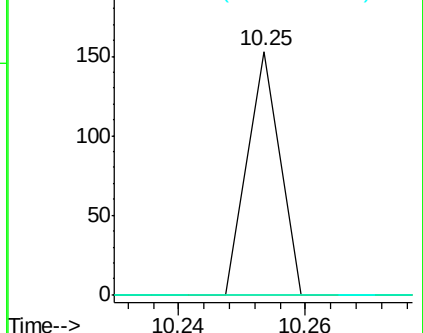
77 0.0 85.7 125.7#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



#33

4-Chloroaniline

Concen: 2.940 ng

RT: 10.99 min Scan# 1311

Delta R.T. -0.13 min

Lab File: BG031359.D

Acq: 4 Dec 2017 23:01

Tgt Ion:127 Resp: 16442

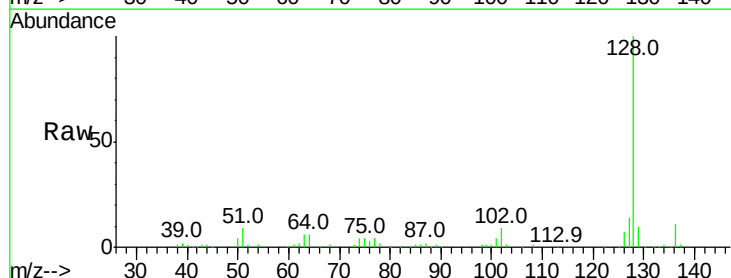
Ion Ratio Lower Upper

127 100

129 71.8 24.0 36.0#

65 0.0 27.0 40.4#

92 0.0 16.6 25.0#

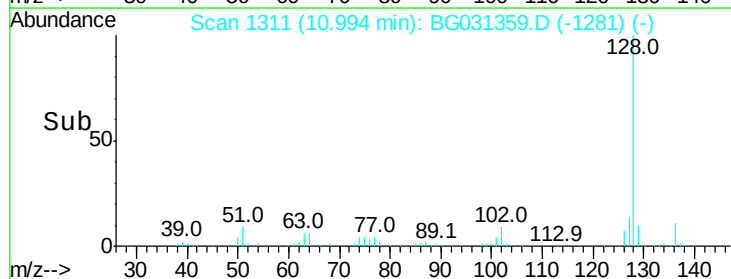
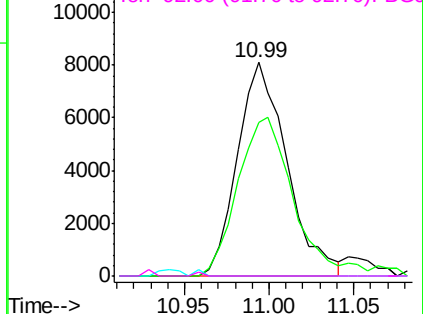


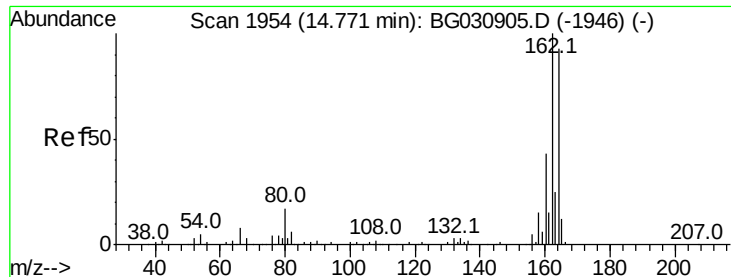
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1950

Delta R.T. -0.03 min

Lab File: BG031359.D

Acq: 4 Dec 2017 23:01

Instrument :

BNA_G

ClientSampleId :

RT-3874

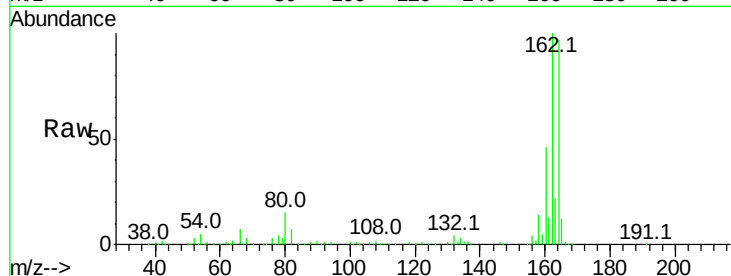
Tot Ion:164 Resp: 172877

Ion Ratio Lower Upper

164 100

162 102.6 78.8 118.2

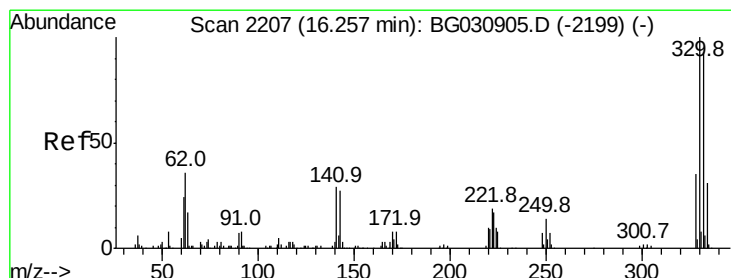
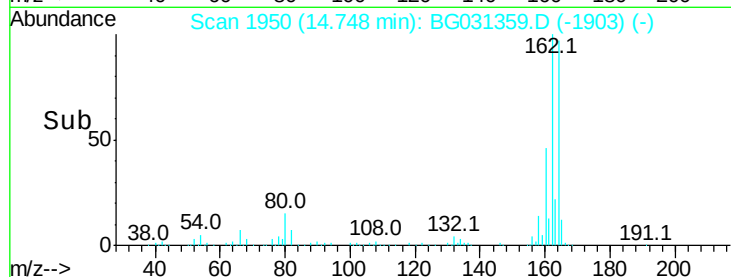
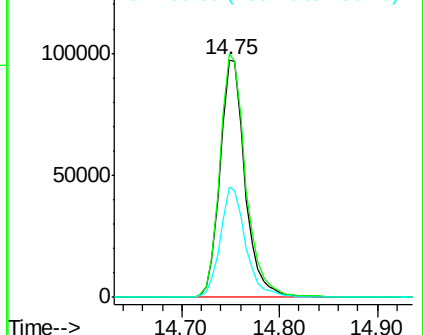
160 46.8 35.4 53.0



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: 129.886 ng

RT: 16.23 min Scan# 2203

Delta R.T. -0.02 min

Lab File: BG031359.D

Acq: 4 Dec 2017 23:01

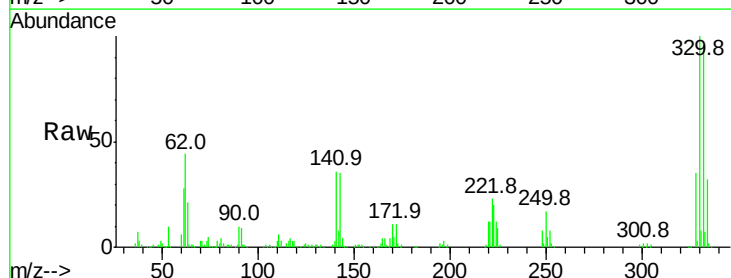
Tgt Ion:330 Resp: 363237

Ion Ratio Lower Upper

330 100

332 95.2 77.0 115.6

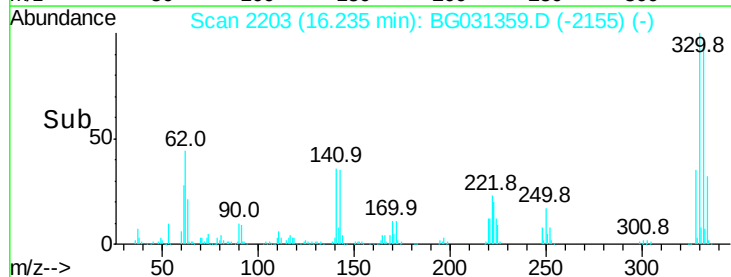
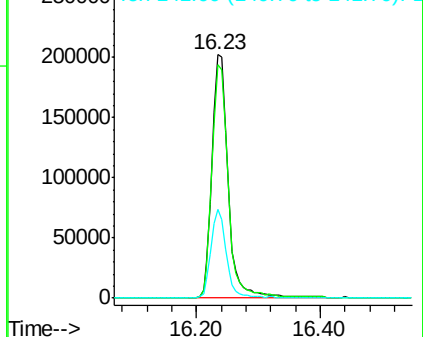
141 34.2 25.2 37.8

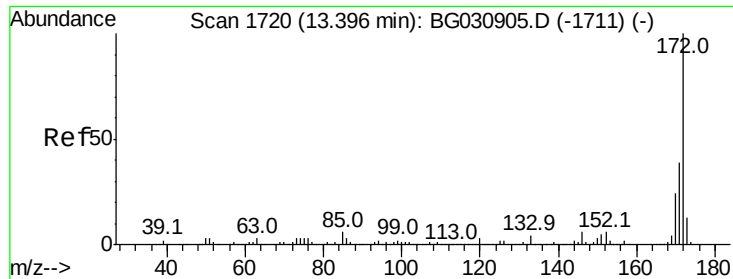


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



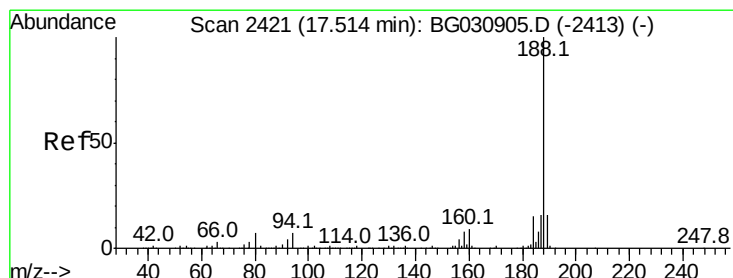
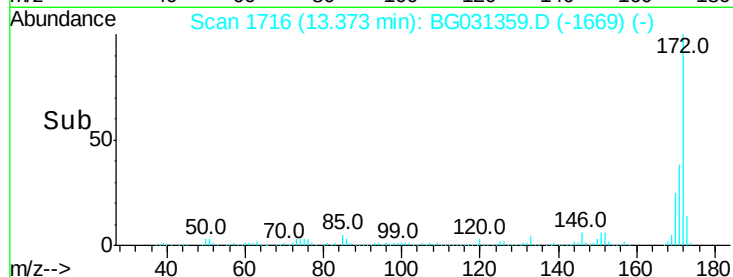
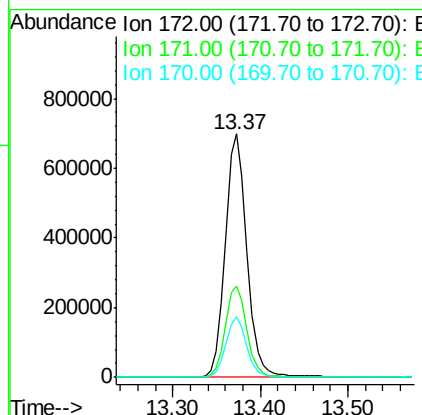
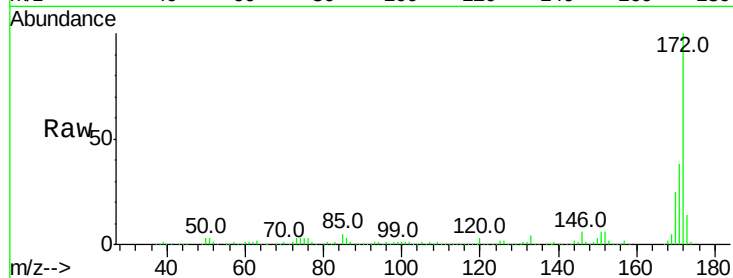


#44
 2-Fluorobiphenyl
 Concen: 99.023 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. -0.03 min
 Lab File: BG031359.D
 Acq: 4 Dec 2017 23:01

Instrument :
 BNA_G
 ClientSampleId :
 RT-3874

Tot Ion:172 Resp: 1191379

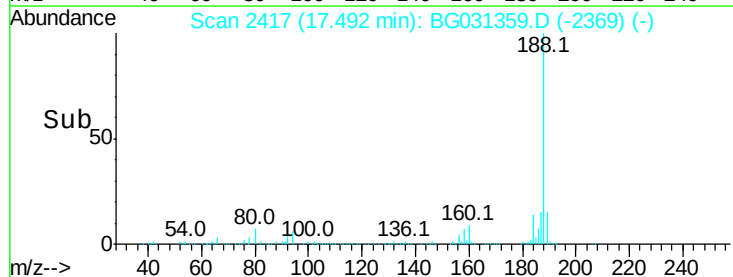
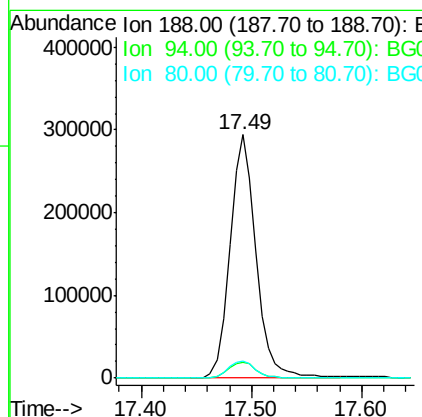
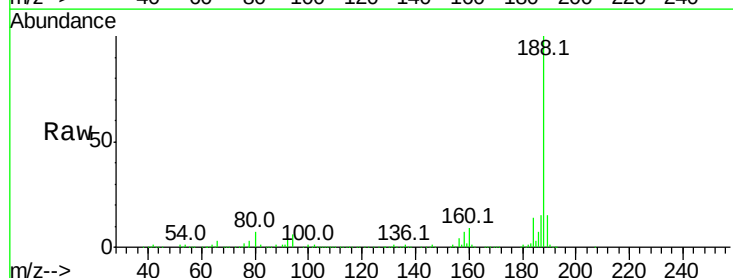
Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.0	45.0
170	24.8	19.5	29.3

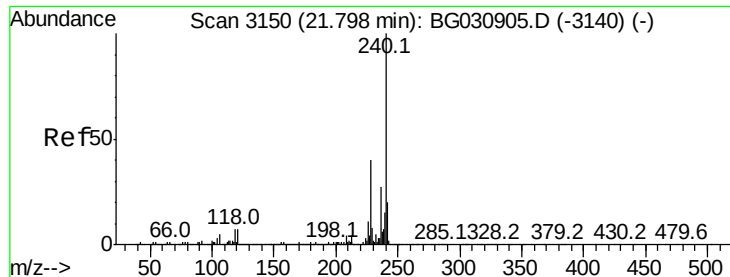


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.49 min Scan# 2417
 Delta R.T. -0.02 min
 Lab File: BG031359.D
 Acq: 4 Dec 2017 23:01

Tgt Ion:188 Resp: 485531

Ion	Ratio	Lower	Upper
188	100		
94	6.5	6.9	10.3#
80	7.2	7.7	11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3144

Delta R.T. -0.02 min

Lab File: BG031359.D

Acq: 4 Dec 2017 23:01

Instrument :

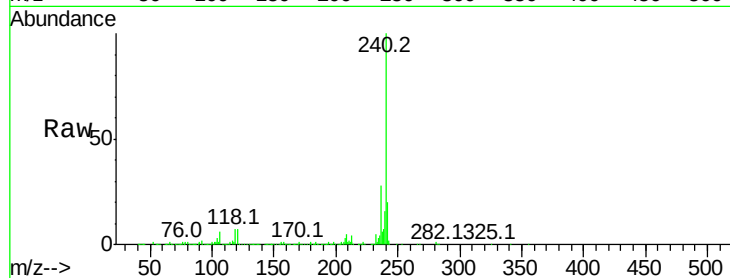
BNA_G

ClientSampleId :

RT-3874

Tot Ion:240 Resp: 579201

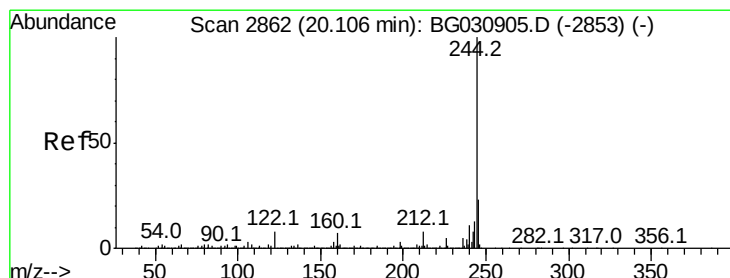
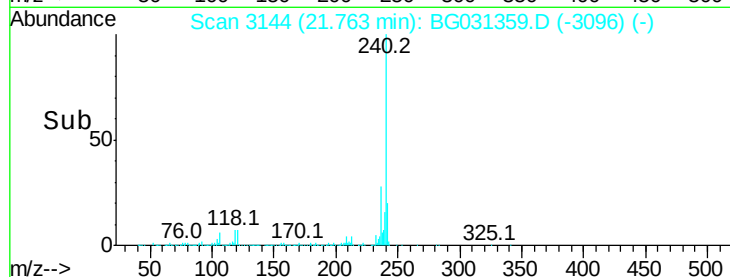
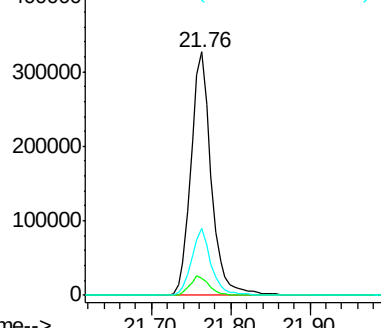
Ion	Ratio	Lower	Upper
240	100		
120	7.1	6.8	10.2
236	27.5	20.9	31.3



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: 91.149 ng

RT: 20.08 min Scan# 2858

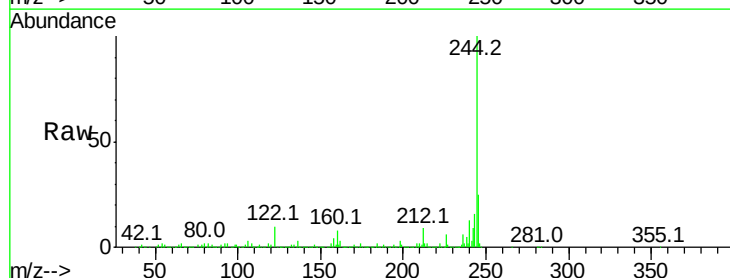
Delta R.T. -0.01 min

Lab File: BG031359.D

Acq: 4 Dec 2017 23:01

Tgt Ion:244 Resp: 2390913

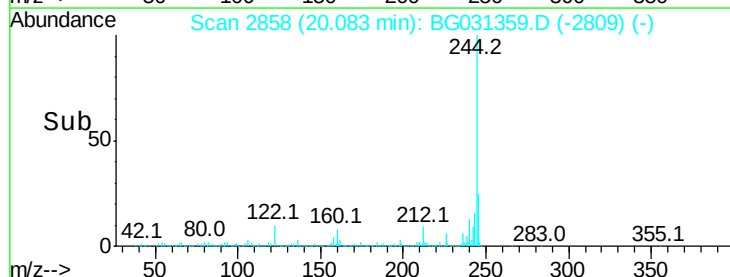
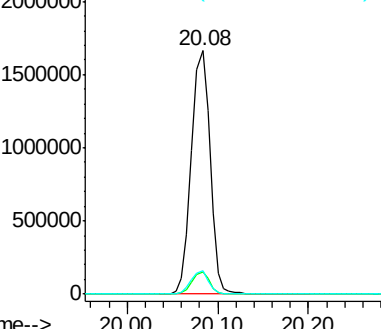
Ion	Ratio	Lower	Upper
244	100		
212	9.3	5.8	8.8#
122	9.6	7.0	10.4

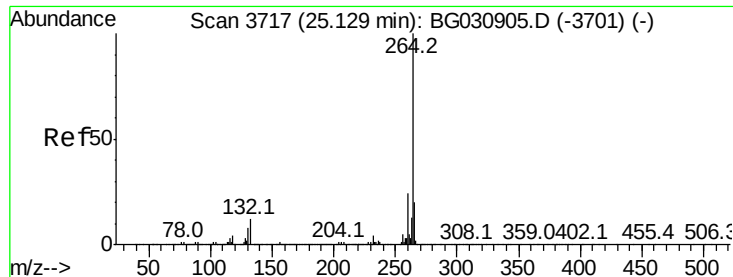


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.06 min Scan# 3705
 Delta R.T. -0.03 min
 Lab File: BG031359.D
 Acq: 4 Dec 2017 23:01

Instrument :
 BNA_G
 ClientSampleId :
 RT-3874

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	17.4	26.0
265	22.9	17.7	26.5

