

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG111117\
 Data File : BG030958.D
 Acq On : 12 Nov 2017 00:37
 Operator : SJ/JU
 Sample : I6301-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 13 03:24:34 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

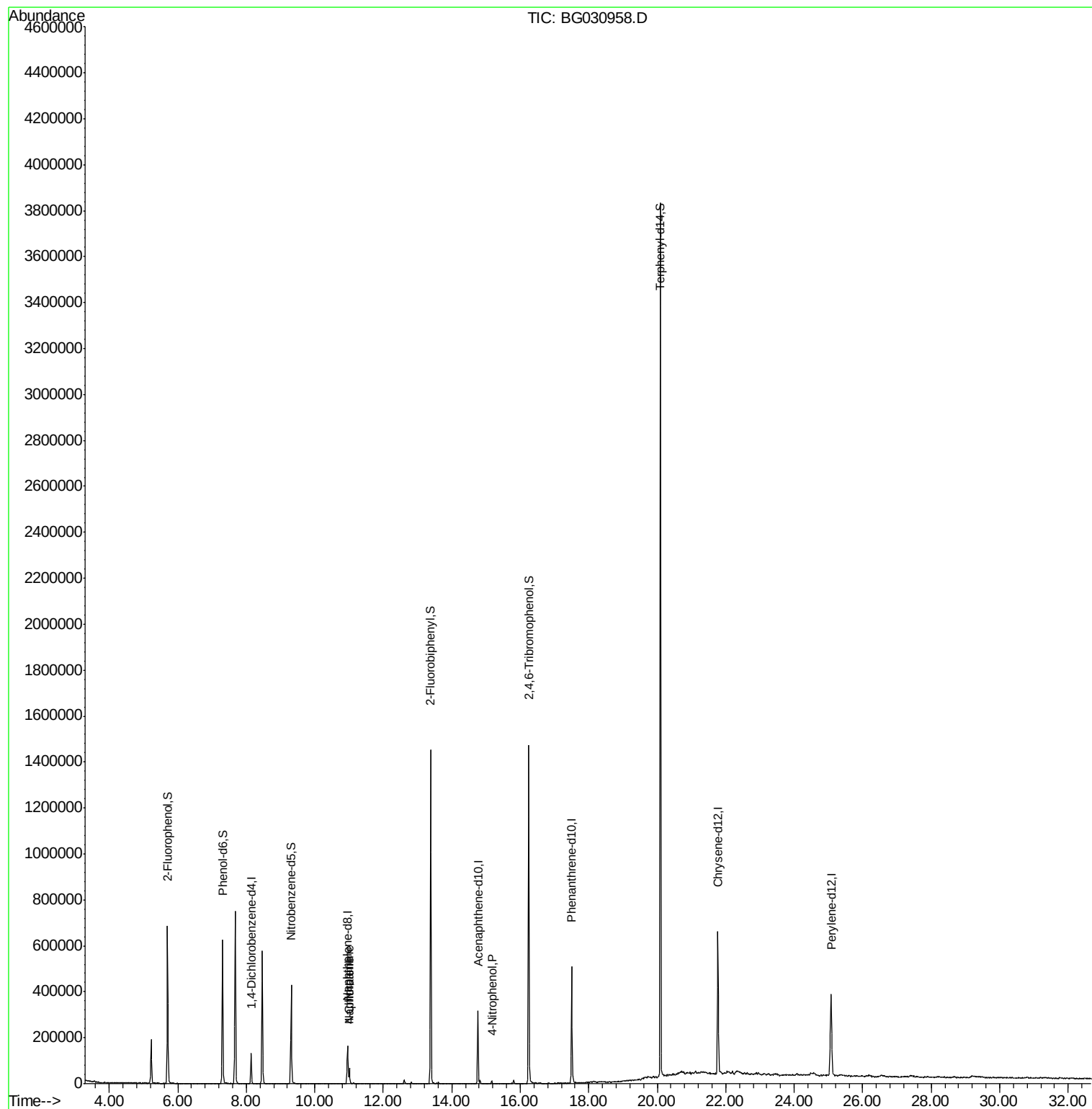
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	38763	20.00	ng	-0.01
21) Naphthalene-d8	10.96	136	161058	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	115522	20.00	ng	-0.01
63) Phenanthrene-d10	17.50	188	331480	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	417728	20.00	ng	-0.01
86) Perylene-d12	25.07	264	422771	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	314346	139.06	ng	0.00
7) Phenol-d6	7.31	99	371334	121.93	ng	0.00
23) Nitrobenzene-d5	9.31	82	274522	101.00	ng	-0.01
41) 2,4,6-Tribromophenol	16.24	330	341950	182.98	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	842534	104.80	ng	-0.02
78) Terphenyl-d14	20.09	244	1780358	94.11	ng	0.00
Target Compounds						
31) Naphthalene	11.01	128	61294	7.742	ng	Qvalue 96
33) 4-Chloroaniline	11.01	127	8002	2.309	ng	# 29
55) 4-Nitrophenol	15.17	139	3847	2.470	ng	# 1

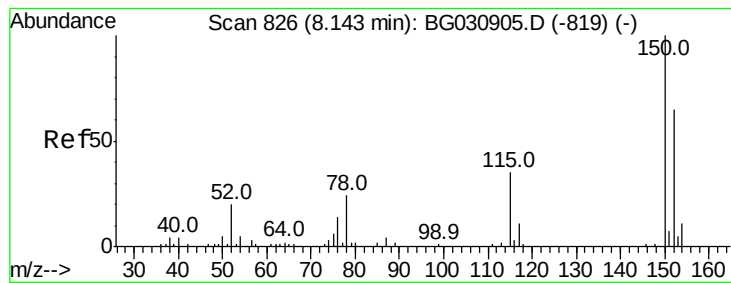
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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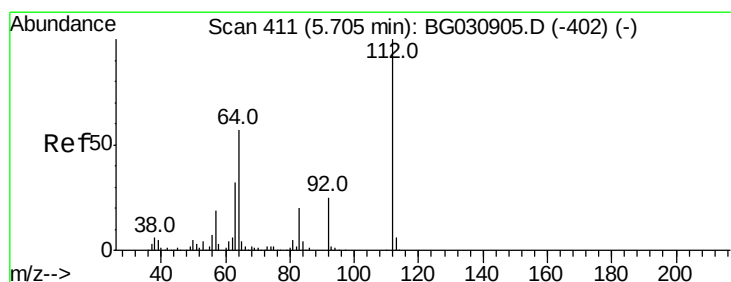
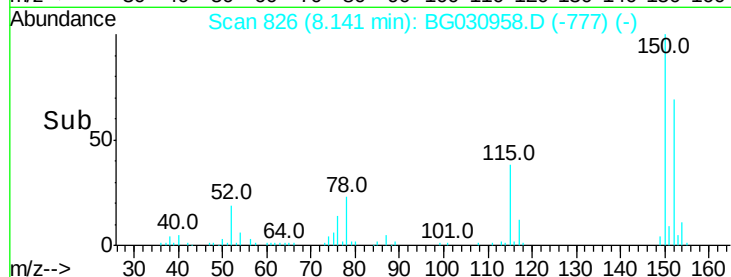
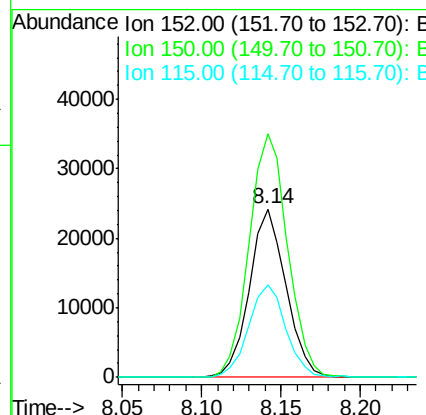
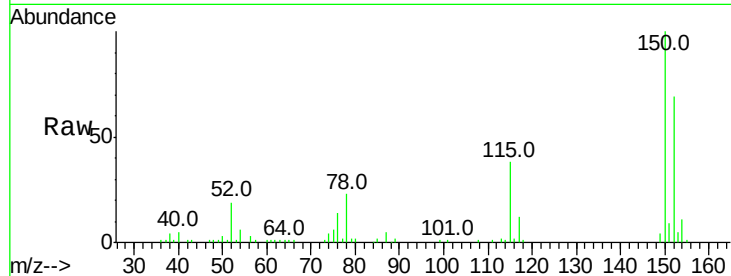


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG030958.D
Acq: 12 Nov 2017 00:37

Instrument :
BNA_G
ClientSampleId :

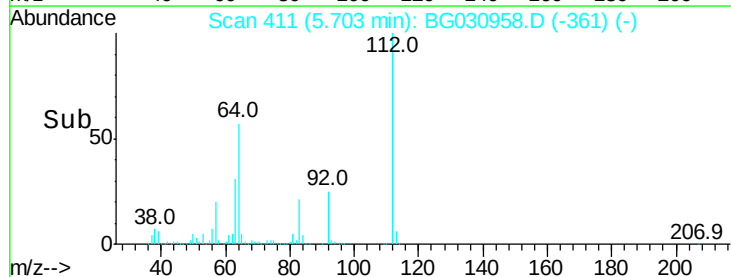
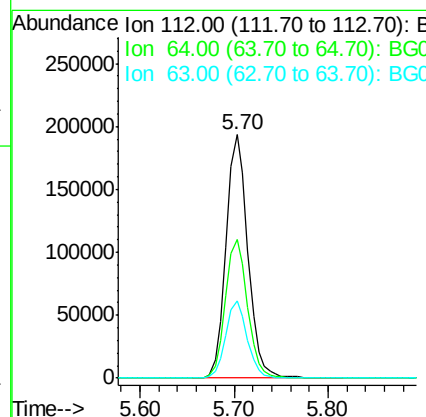
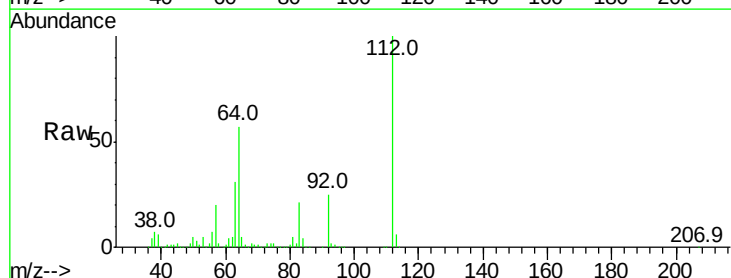
Tot Ion:152 Resp: 38763
Ion Ratio Lower Upper
152 100
150 144.8 126.6 189.8
115 55.3 53.0 79.4

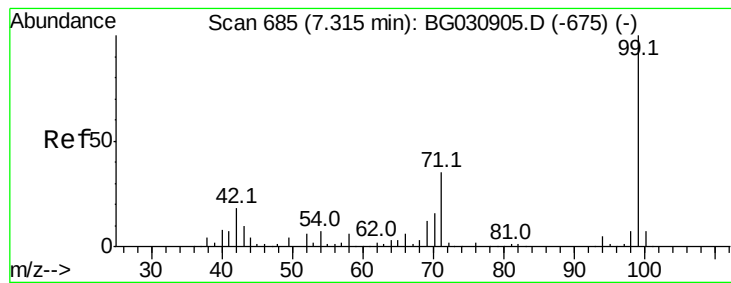


#5

2-Fluorophenol
Concen: 139.057 ng
RT: 5.70 min Scan# 411
Delta R.T. -0.00 min
Lab File: BG030958.D
Acq: 12 Nov 2017 00:37

Tgt Ion:112 Resp: 314346
Ion Ratio Lower Upper
112 100
64 57.0 56.3 84.5
63 31.5 30.1 45.1





#7

Phenol-d6

Concen: 121.931 ng

RT: 7.31 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG030958.D

Acq: 12 Nov 2017 00:37

Instrument :

BNA_G

ClientSampled :

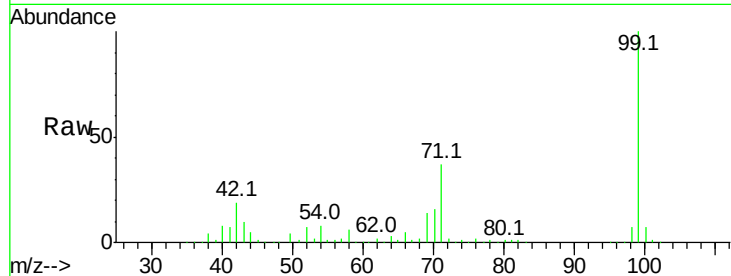
Tot Ion: 99 Resp: 371334

Ion Ratio Lower Upper

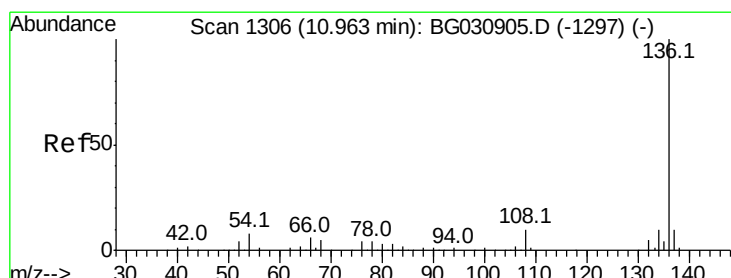
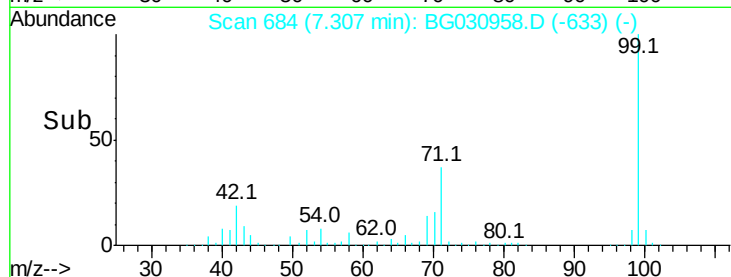
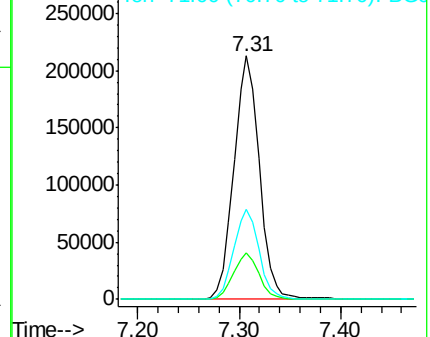
99 100

42 19.0 14.1 21.1

71 36.7 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.96 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BG030958.D

Acq: 12 Nov 2017 00:37

Tgt Ion: 136 Resp: 161058

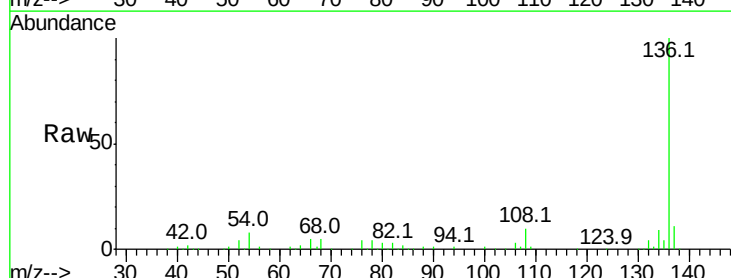
Ion Ratio Lower Upper

136 100

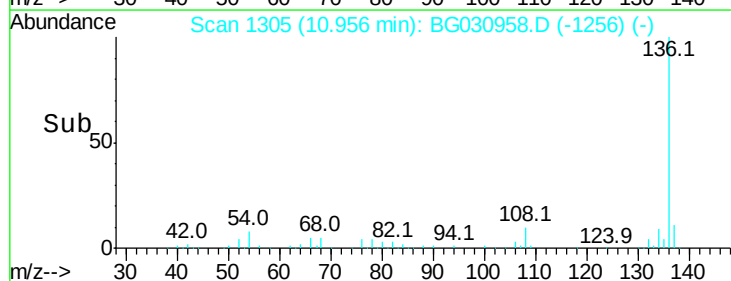
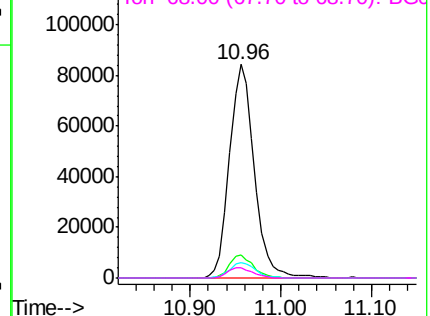
137 10.9 9.2 13.8

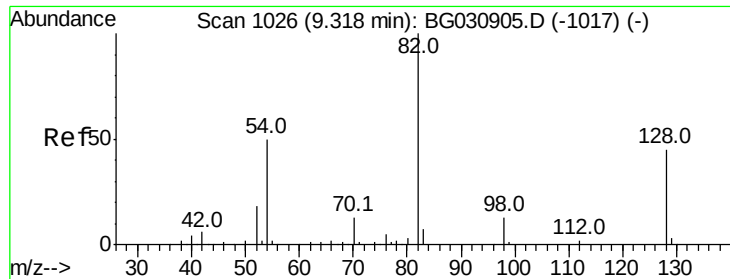
54 7.5 10.3 15.5#

68 4.9 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

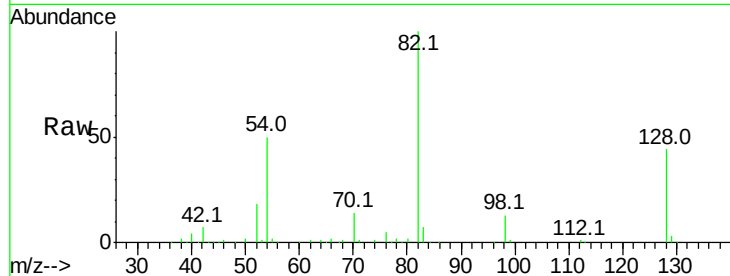




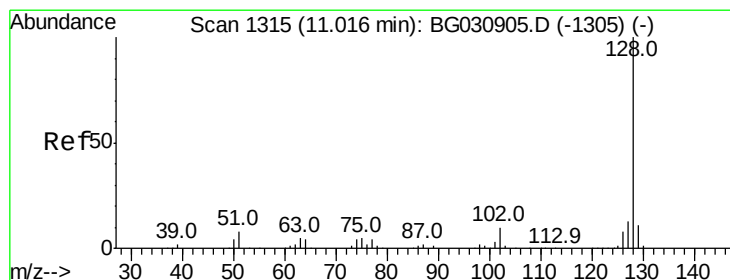
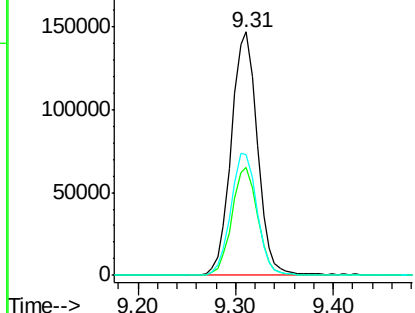
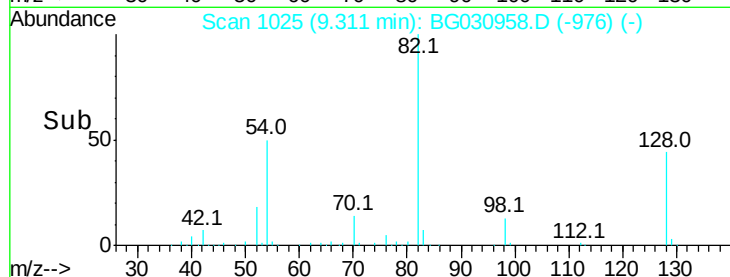
#23
Nitrobenzene-d5
Concen: 101.002 ng
RT: 9.31 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BG030958.D
Acq: 12 Nov 2017 00:37

Instrument :
BNA_G
ClientSampled :

Tot Ion: 82 Resp: 274522
Ion Ratio Lower Upper
82 100
128 44.5 29.7 44.5
54 49.7 43.1 64.7

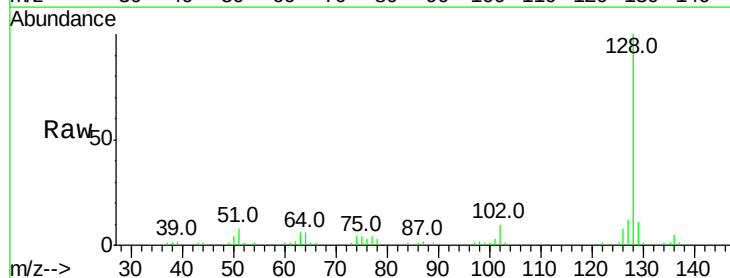


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

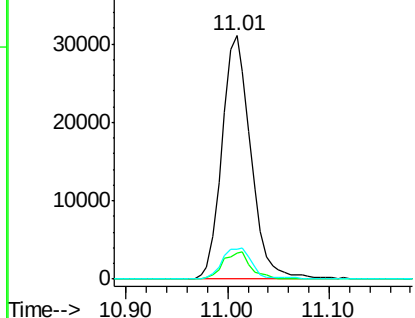
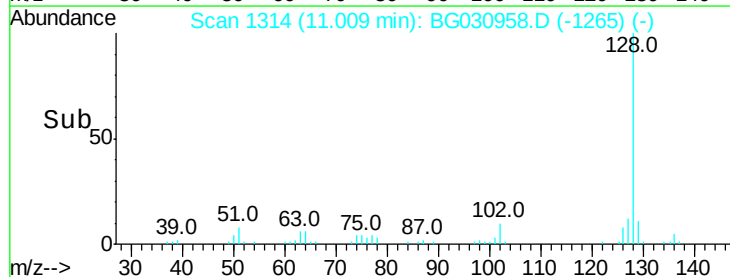


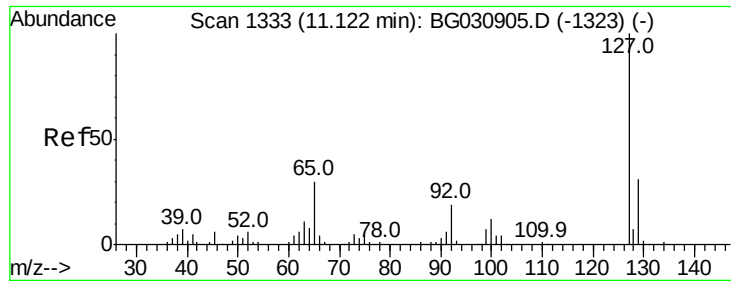
#31
Naphthalene
Concen: 7.742 ng
RT: 11.01 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BG030958.D
Acq: 12 Nov 2017 00:37

Tgt Ion: 128 Resp: 61294
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 12.1 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 129.00 (128.70 to 129.70): BGC
Ion 127.00 (126.70 to 127.70): BGC

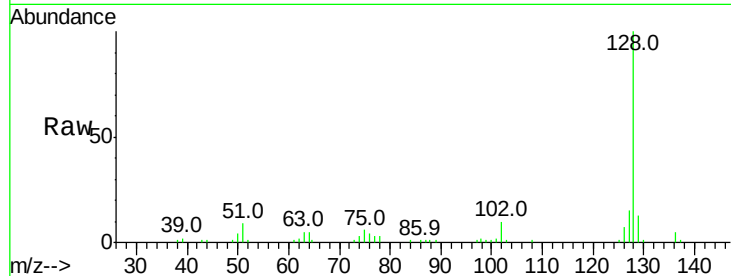




#33
4-Chloroaniline
Concen: 2.309 ng
RT: 11.01 min Scan# 1315
Delta R.T. -0.11 min
Lab File: BG030958.D
Acq: 12 Nov 2017 00:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	8002
Ion	Ratio	Lower	Upper
127	100		
129	89.3	24.0	36.0#
65	4.0	27.0	40.4#
92	0.0	16.6	25.0#

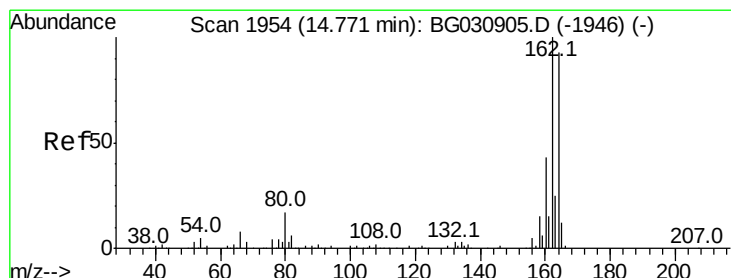
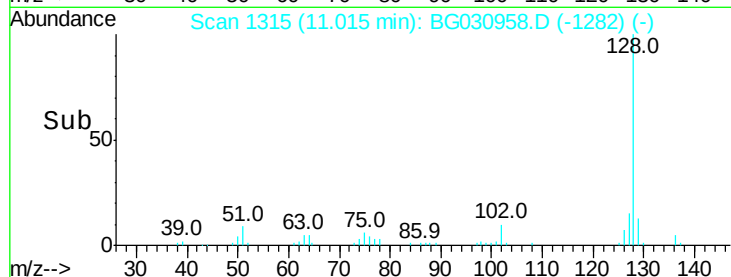
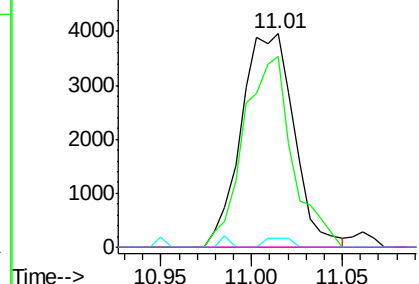


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

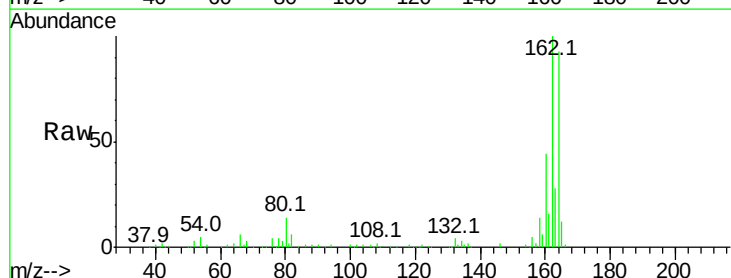
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BG030958.D
Acq: 12 Nov 2017 00:37

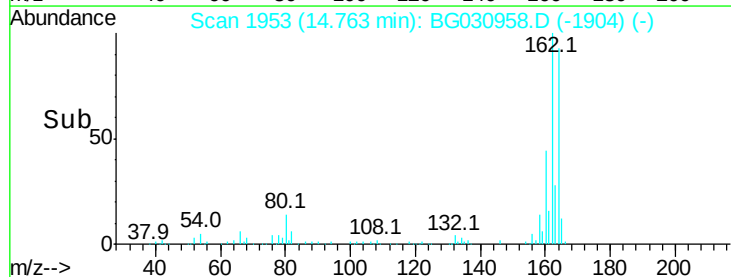
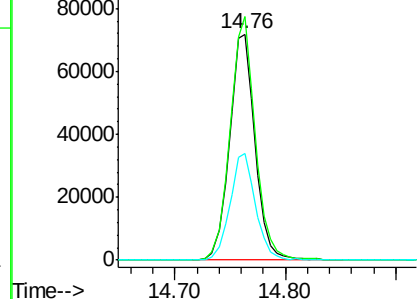
Tgt Ion:	164	Resp:	115522
Ion	Ratio	Lower	Upper
164	100		
162	107.8	78.8	118.2
160	47.1	35.4	53.0

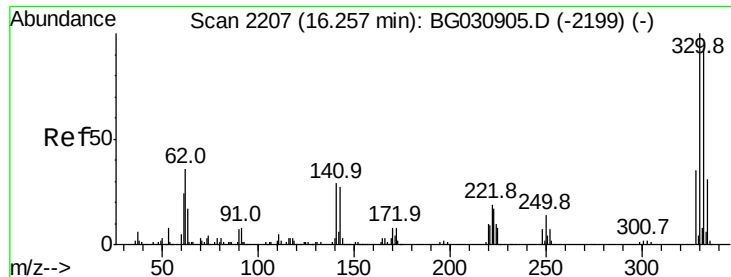


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

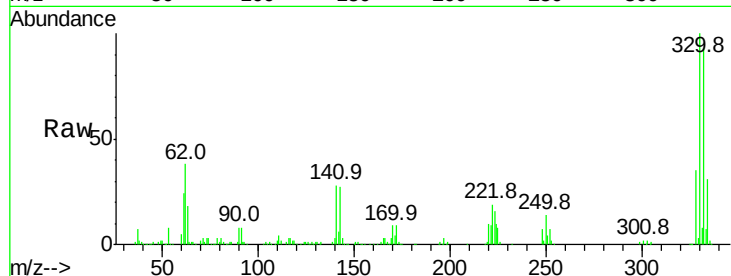




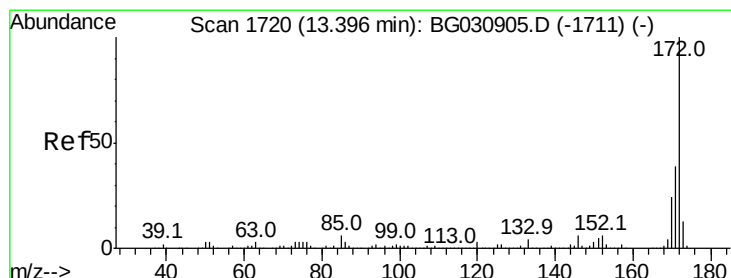
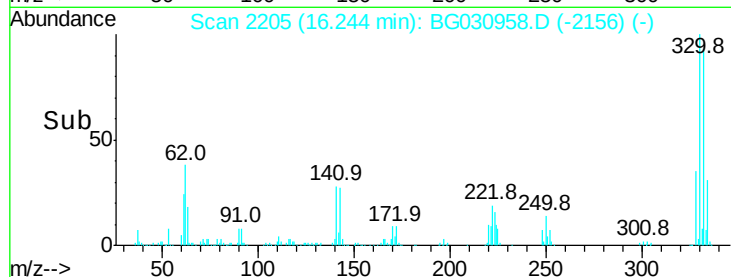
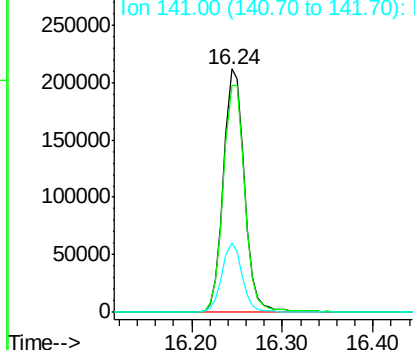
#41
 2,4,6-Tribromophenol
 Concen: 182.981 ng
 RT: 16.24 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BG030958.D
 Acq: 12 Nov 2017 00:37

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.0	115.6
141	27.5	25.2	37.8

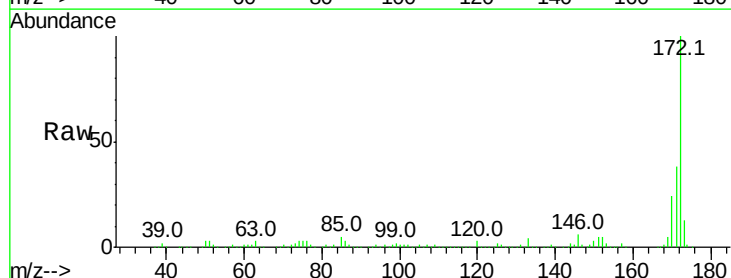


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

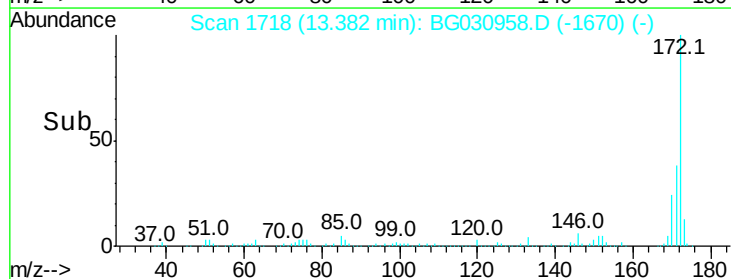
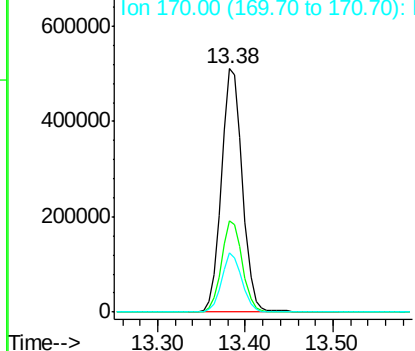


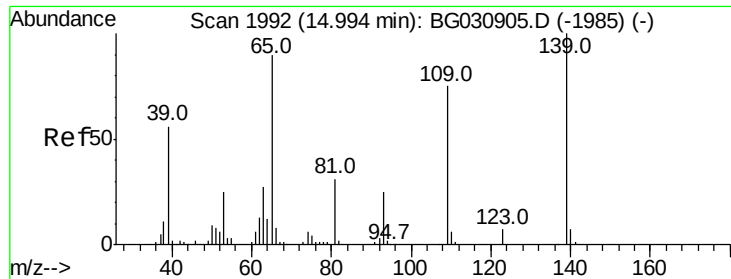
#44
 2-Fluorobiphenyl
 Concen: 104.796 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.02 min
 Lab File: BG030958.D
 Acq: 12 Nov 2017 00:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.0	45.0
170	24.2	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

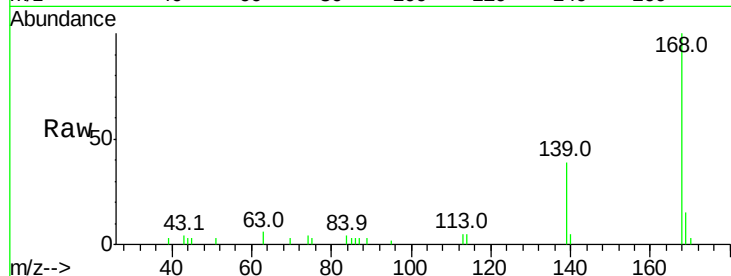




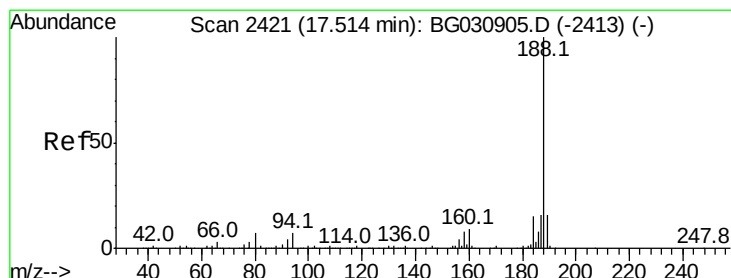
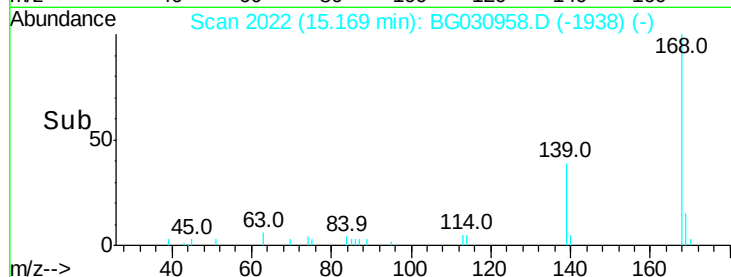
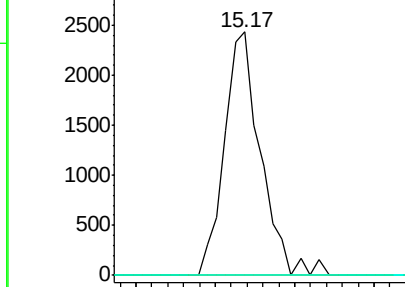
#55
4-Nitrophenol
Concen: 2.470 ng
RT: 15.17 min Scan# 2022
Delta R.T. 0.19 min
Lab File: BG030958.D
Acq: 12 Nov 2017 00:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:139 Resp: 3847
Ion Ratio Lower Upper
139 100
109 0.0 62.2 102.2#
65 0.0 97.2 137.2#

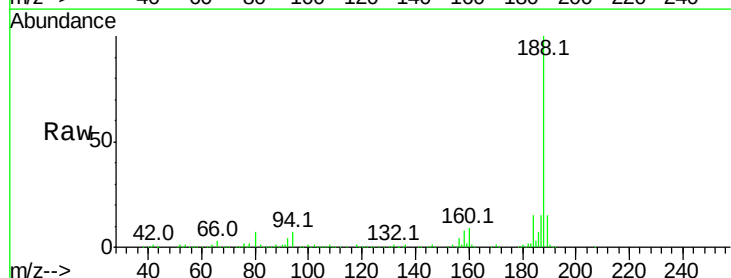


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

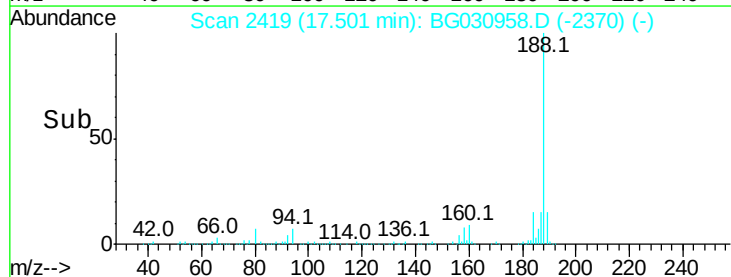
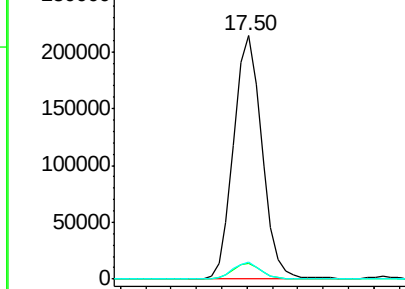


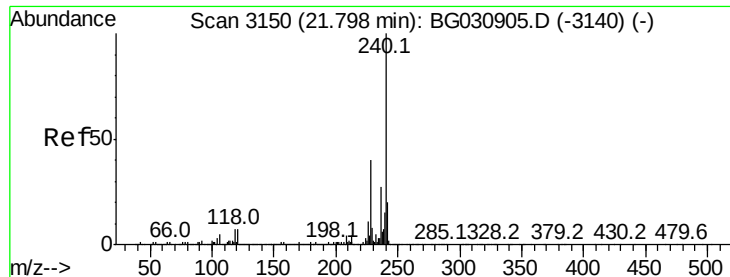
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BG030958.D
Acq: 12 Nov 2017 00:37

Tgt Ion:188 Resp: 331480
Ion Ratio Lower Upper
188 100
94 6.6 6.9 10.3#
80 7.1 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG030958.D

Acq: 12 Nov 2017 00:37

Instrument :

BNA_G

ClientSampleId :

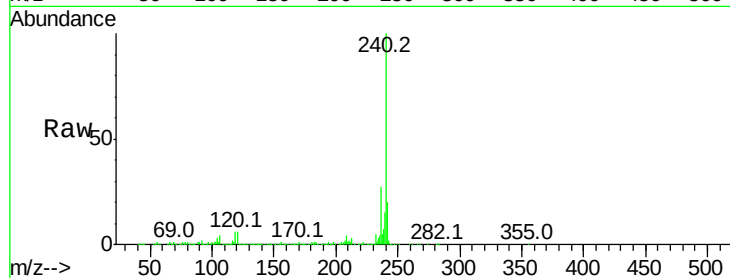
Tot Ion:240 Resp: 417728

Ion Ratio Lower Upper

240 100

120 6.2 6.8 10.2#

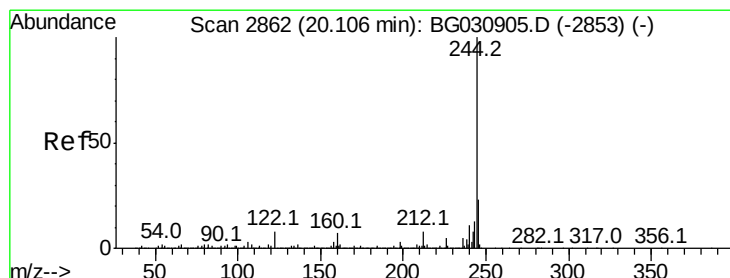
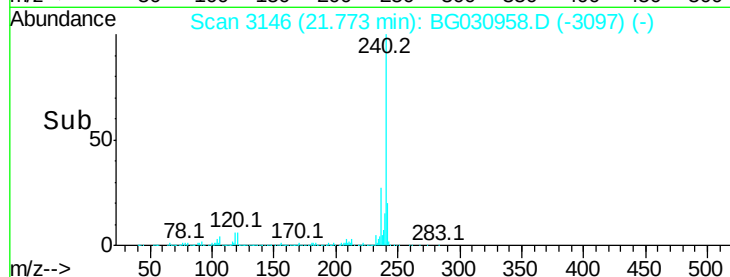
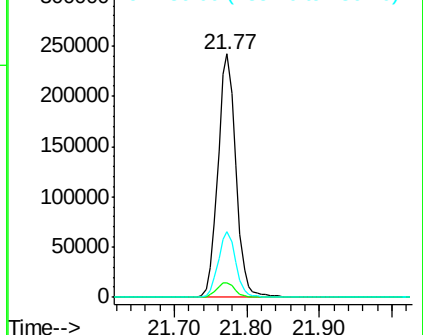
236 27.2 20.9 31.3



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: 94.109 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG030958.D

Acq: 12 Nov 2017 00:37

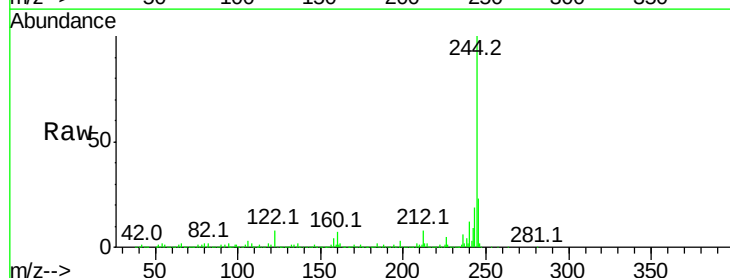
Tgt Ion:244 Resp: 1780358

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.8

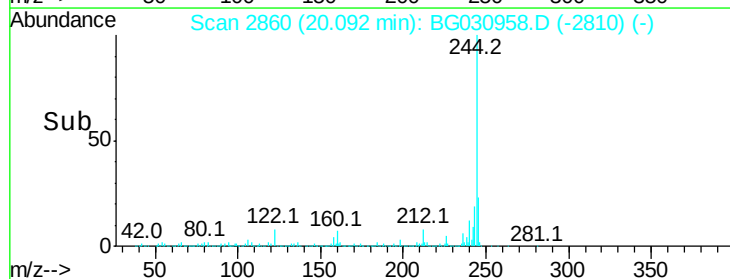
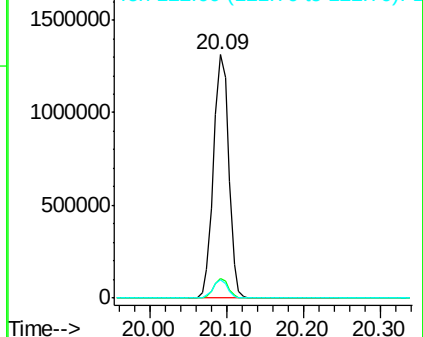
122 7.6 7.0 10.4

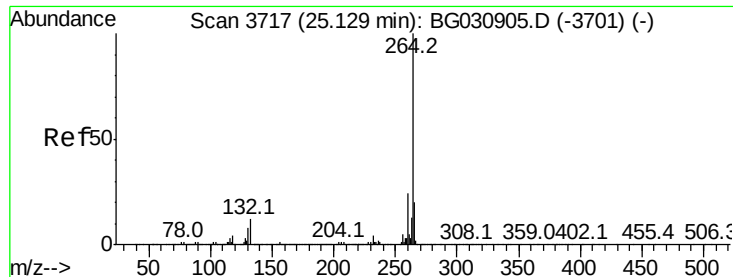


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.07 min Scan# 3708
 Delta R.T. -0.02 min
 Lab File: BG030958.D
 Acq: 12 Nov 2017 00:37

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	17.4	26.0
265	21.5	17.7	26.5

