

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG111117\
 Data File : BG030937.D
 Acq On : 11 Nov 2017 10:52
 Operator : SJ/JU
 Sample : I6396-08
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 13 03:19:30 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

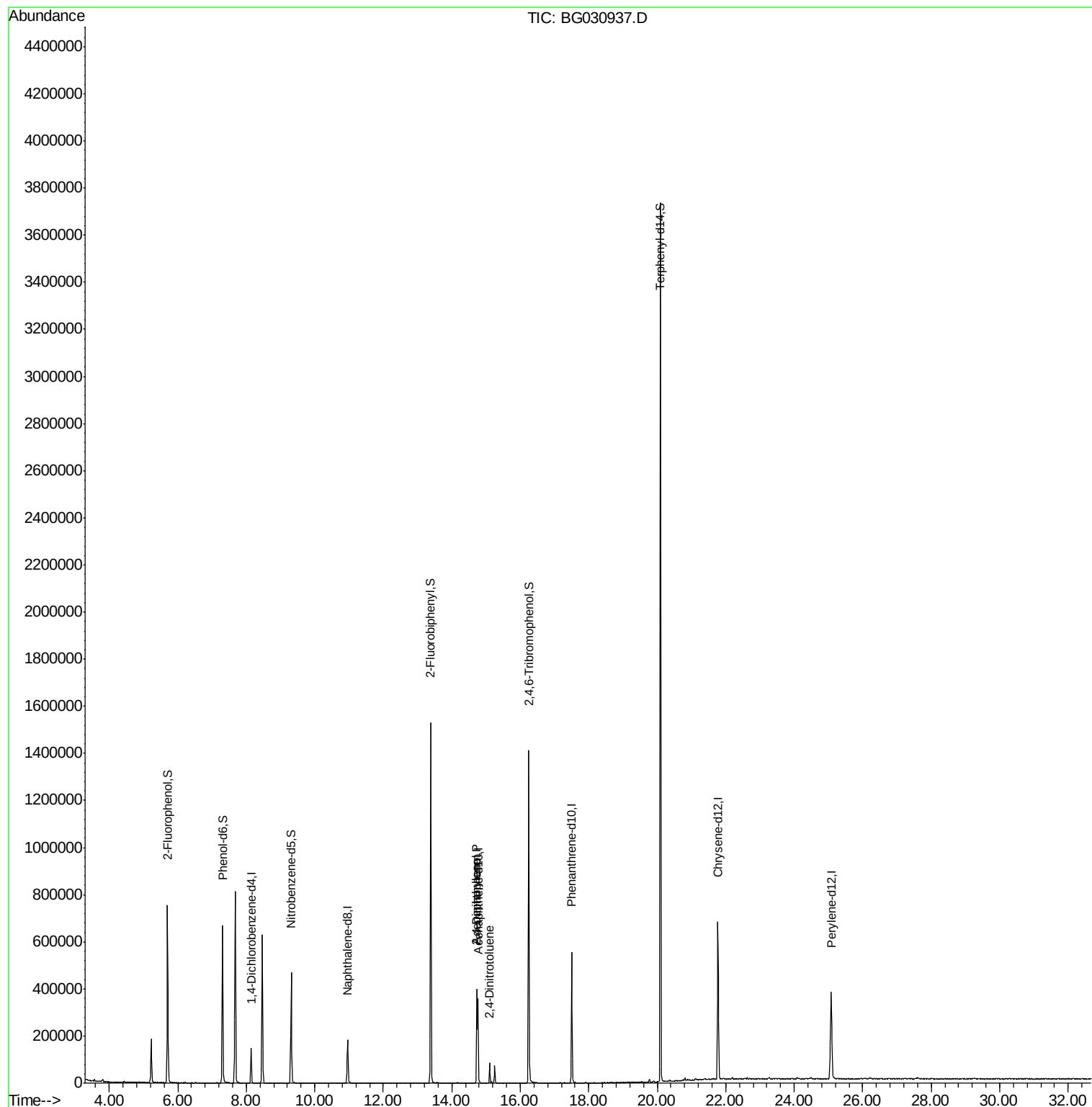
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	44767	20.00	ng	-0.01
21) Naphthalene-d8	10.96	136	184725	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	133072	20.00	ng	-0.01
63) Phenanthrene-d10	17.50	188	357644	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	447592	20.00	ng	-0.01
86) Perylene-d12	25.08	264	439527	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	352072	134.86	ng	0.00
7) Phenol-d6	7.31	99	397146	112.92	ng	0.00
23) Nitrobenzene-d5	9.31	82	301622	96.75	ng	-0.01
41) 2,4,6-Tribromophenol	16.25	330	331696	154.09	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	873158	94.28	ng	-0.01
78) Terphenyl-d14	20.09	244	1820162	89.79	ng	0.00
Target Compounds						
48) Acenaphthylene	14.73	152	32243	2.474	ng	# 85
53) 2,4-Dinitrophenol	14.73	184	469	6.199	ng	# 1
56) 2,4-Dinitrotoluene	15.10	165	12310	3.590	ng	# 24

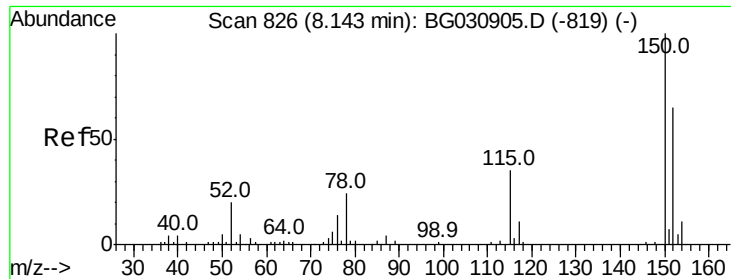
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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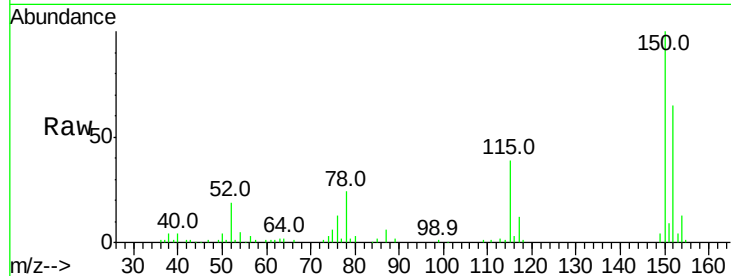


#1

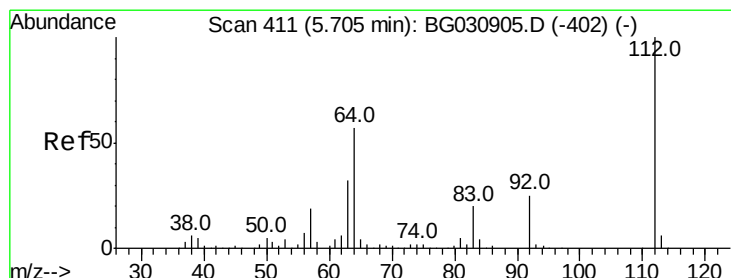
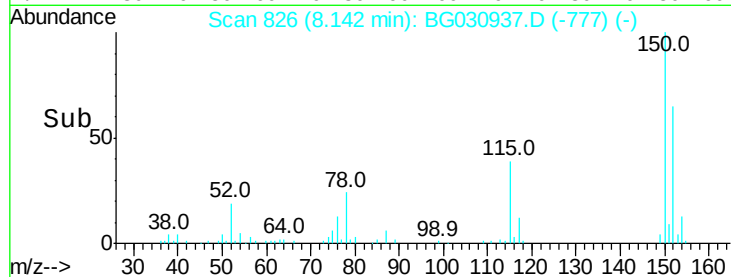
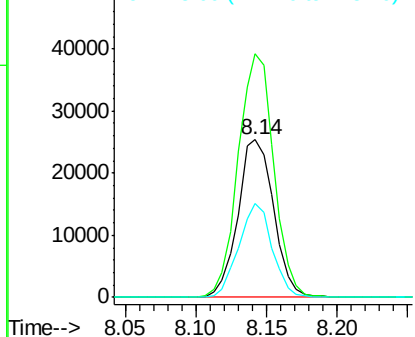
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG030937.D
Acq: 11 Nov 2017 10:52

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 44767
Ion Ratio Lower Upper
152 100
150 154.6 126.6 189.8
115 59.6 53.0 79.4



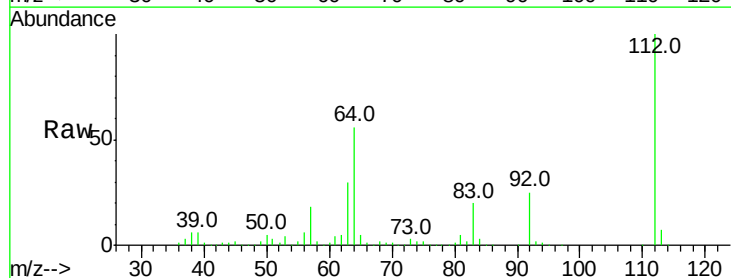
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



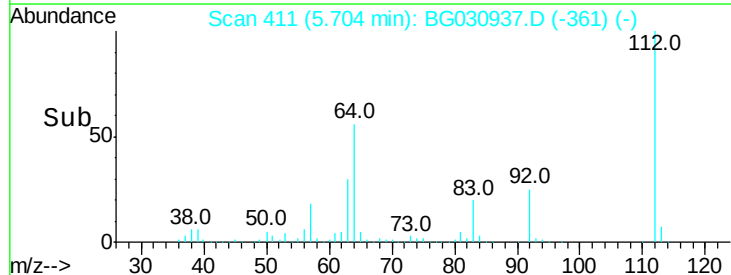
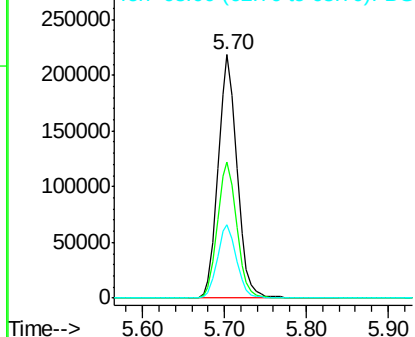
#5

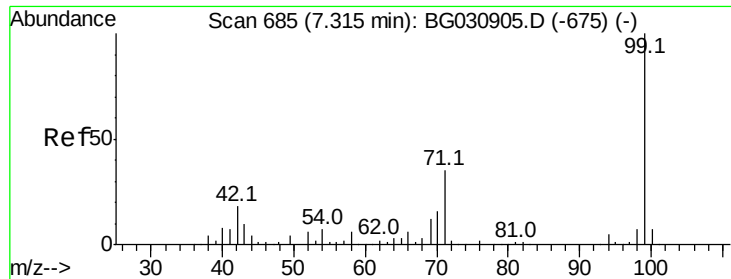
2-Fluorophenol
Concen: 134.858 ng
RT: 5.70 min Scan# 411
Delta R.T. -0.00 min
Lab File: BG030937.D
Acq: 11 Nov 2017 10:52

Tgt Ion:112 Resp: 352072
Ion Ratio Lower Upper
112 100
64 56.1 56.3 84.5#
63 30.3 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 112.917 ng

RT: 7.31 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG030937.D

Acq: 11 Nov 2017 10:52

Instrument :

BNA_G

ClientSampleId :

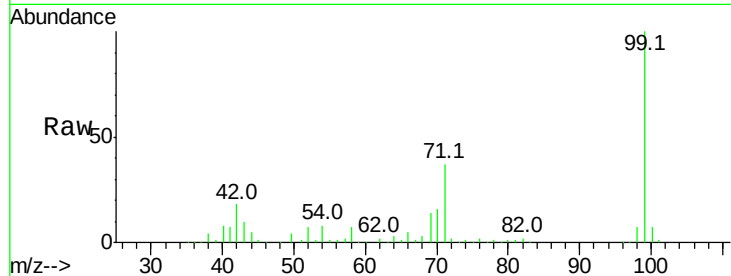
Tot Ion: 99 Resp: 397146

Ion Ratio Lower Upper

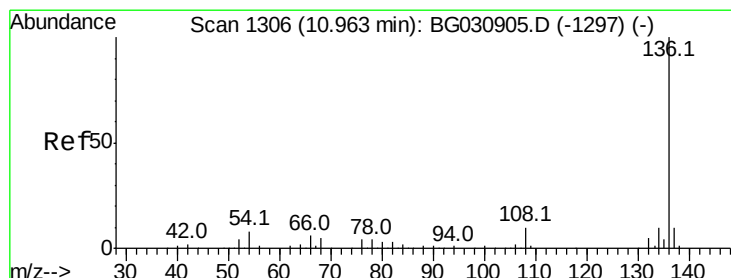
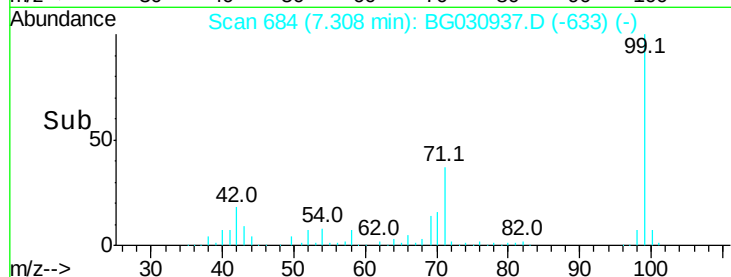
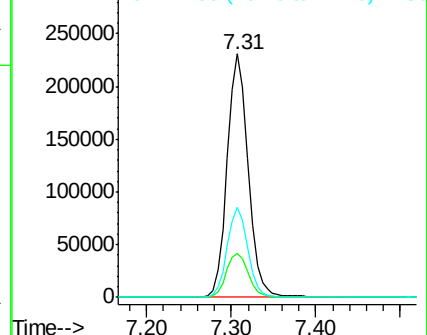
99 100

42 18.3 14.1 21.1

71 37.0 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: BG030937.D

Acq: 11 Nov 2017 10:52

Tgt Ion: 136 Resp: 184725

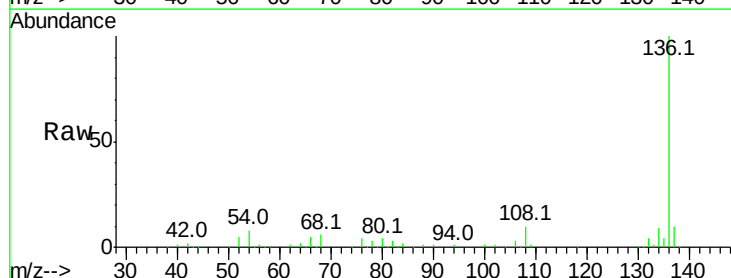
Ion Ratio Lower Upper

136 100

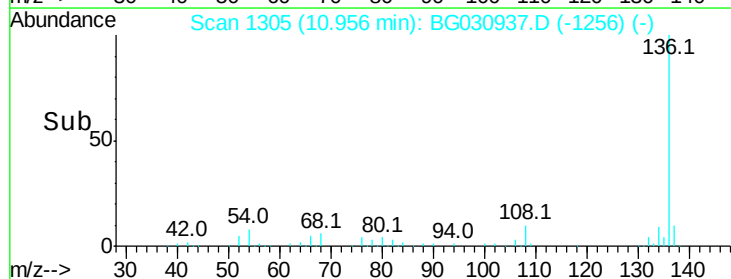
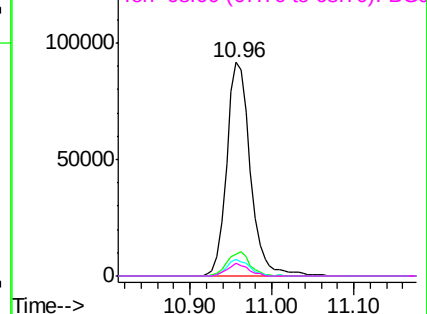
137 9.9 9.2 13.8

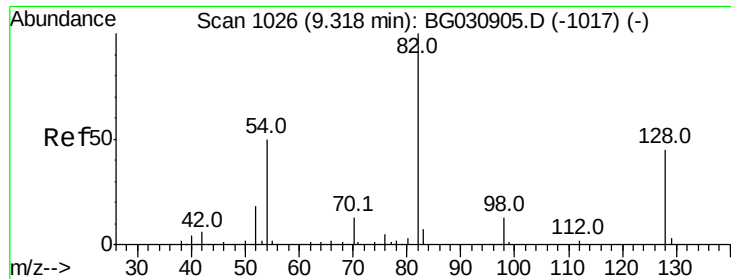
54 7.8 10.3 15.5#

68 5.9 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

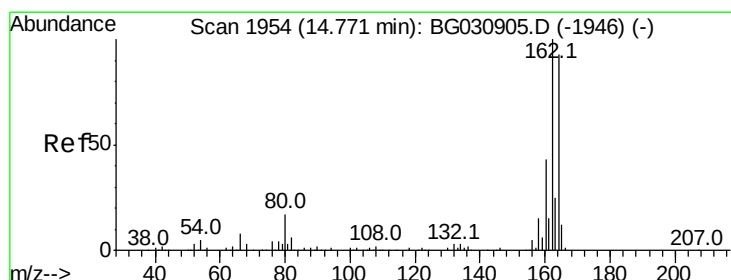
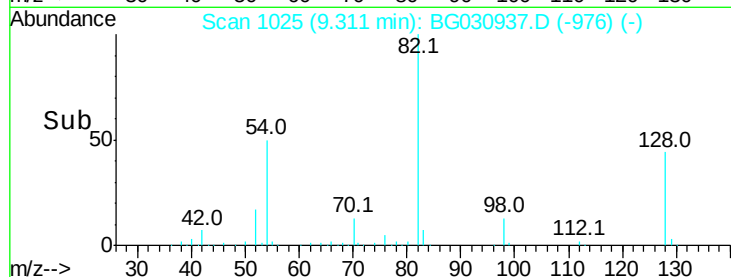
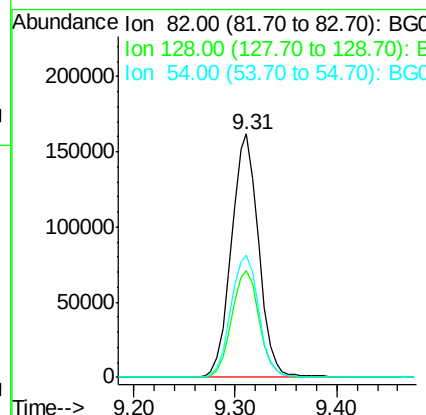
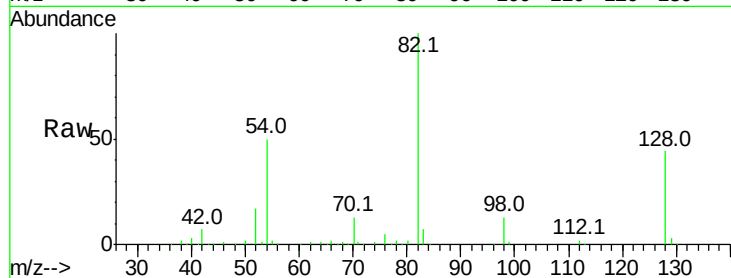




#23
Nitrobenzene-d5
Concen: 96.755 ng
RT: 9.31 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BG030937.D
Acq: 11 Nov 2017 10:52

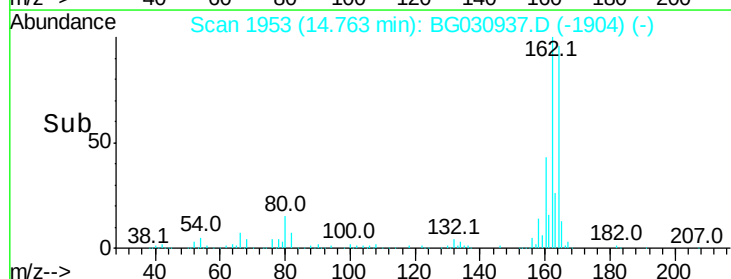
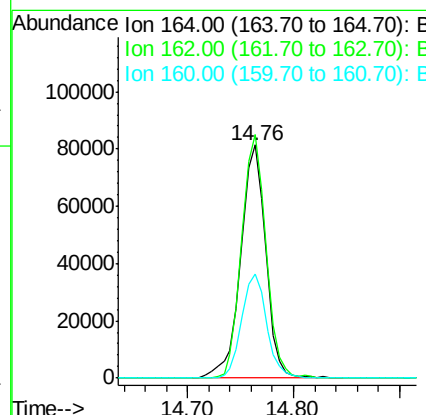
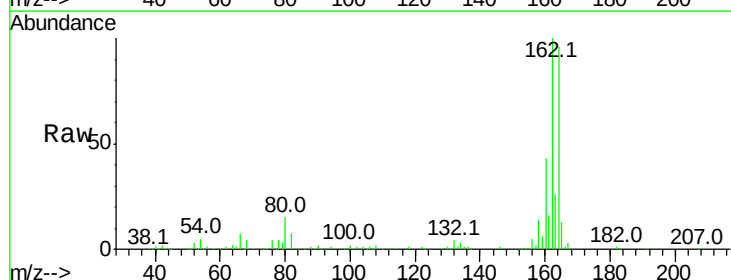
Instrument :
BNA_G
ClientSampleId :

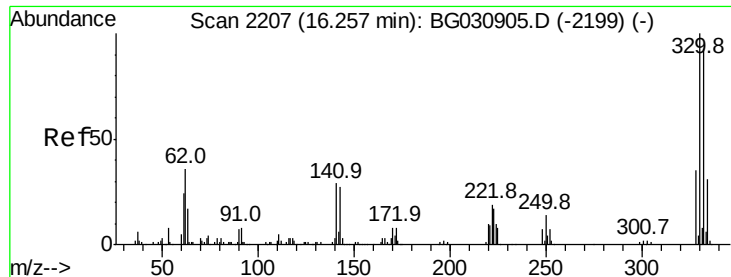
Tot Ion	82	Resp	301622
Ion	Ratio	Lower	Upper
82	100		
128	43.6	29.7	44.5
54	50.2	43.1	64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BG030937.D
Acq: 11 Nov 2017 10:52

Tgt Ion	164	Resp	133072
Ion	Ratio	Lower	Upper
164	100		
162	104.5	78.8	118.2
160	44.5	35.4	53.0

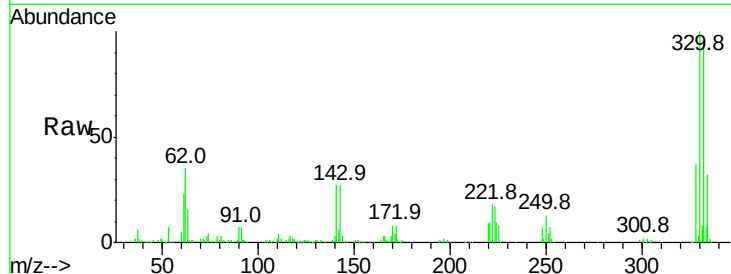




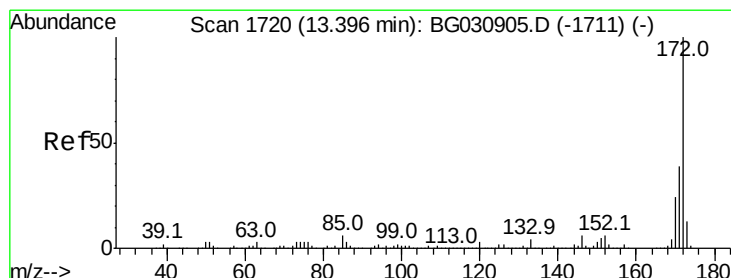
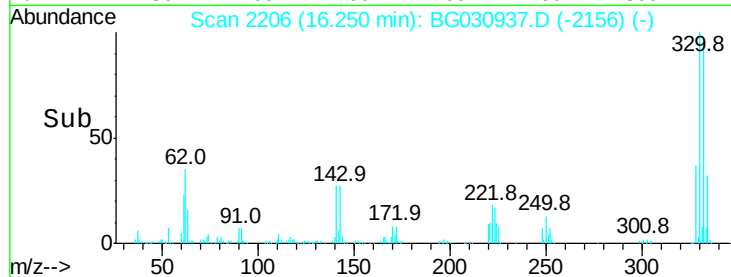
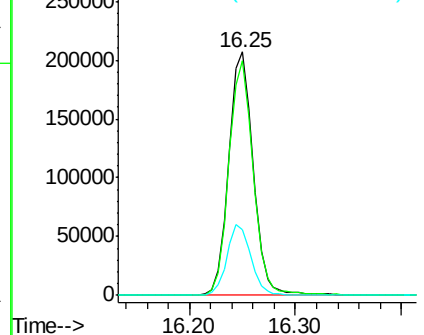
#41
 2,4,6-Tribromophenol
 Concen: 154.086 ng
 RT: 16.25 min Scan# 2206
 Delta R.T. -0.01 min
 Lab File: BG030937.D
 Acq: 11 Nov 2017 10:52

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	29.0	25.2	37.8

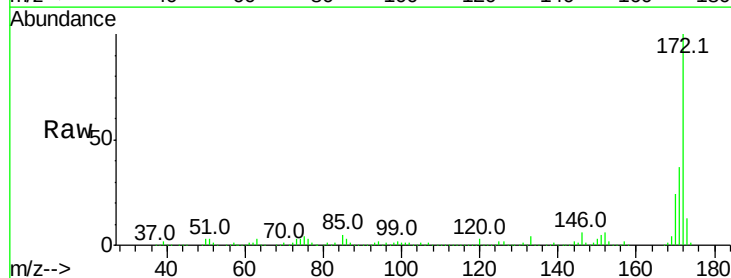


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

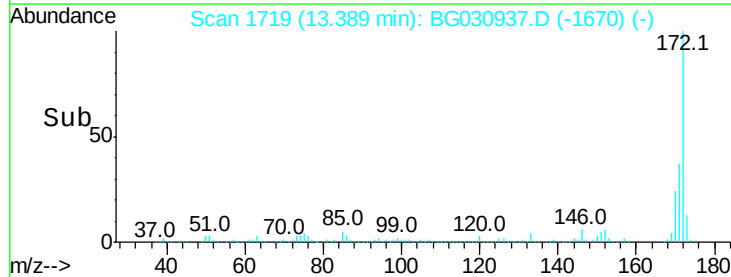
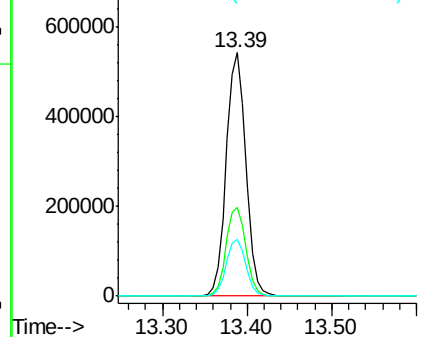


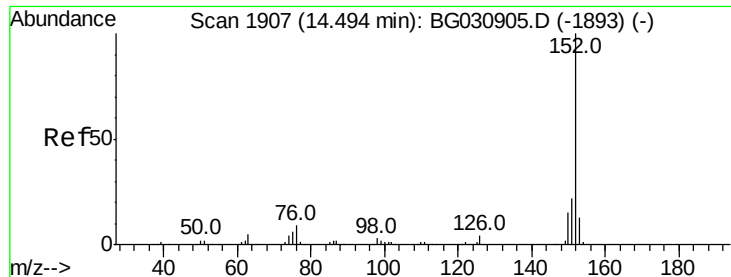
#44
 2-Fluorobiphenyl
 Concen: 94.282 ng
 RT: 13.39 min Scan# 1719
 Delta R.T. -0.01 min
 Lab File: BG030937.D
 Acq: 11 Nov 2017 10:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.0	45.0
170	23.6	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





#48

Acenaphthylene

Concen: 2.474 ng

RT: 14.73 min Scan# 1947

Delta R.T. 0.23 min

Lab File: BG030937.D

Acq: 11 Nov 2017 10:52

Instrument :

BNA_G

ClientSampleId :

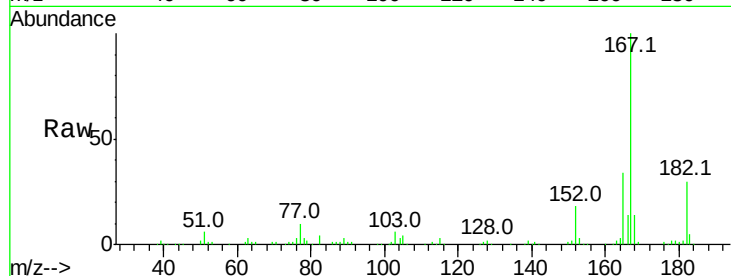
Tot Ion:152 Resp: 32243

Ion Ratio Lower Upper

152 100

151 13.7 17.2 25.8#

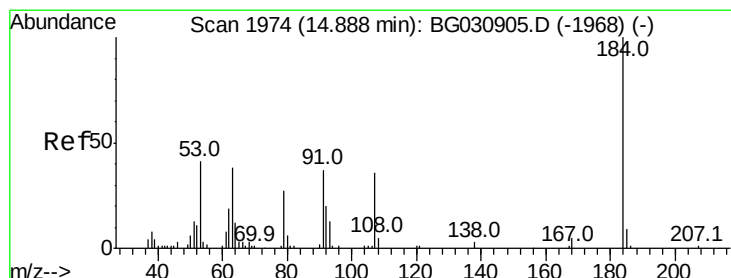
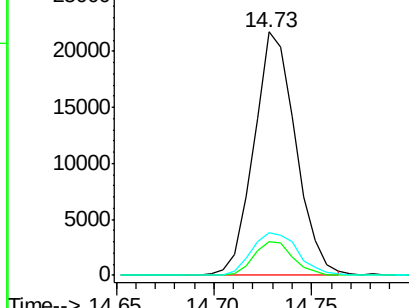
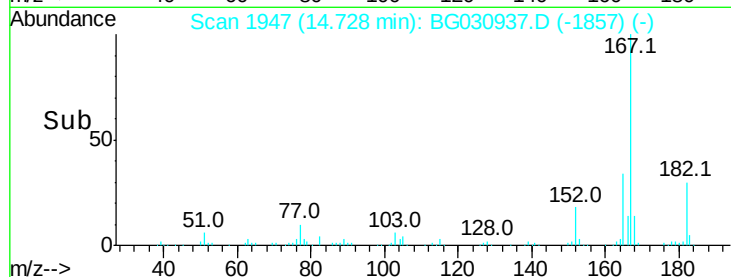
153 17.5 10.2 15.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#53

2,4-Dinitrophenol

Concen: 6.199 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.15 min

Lab File: BG030937.D

Acq: 11 Nov 2017 10:52

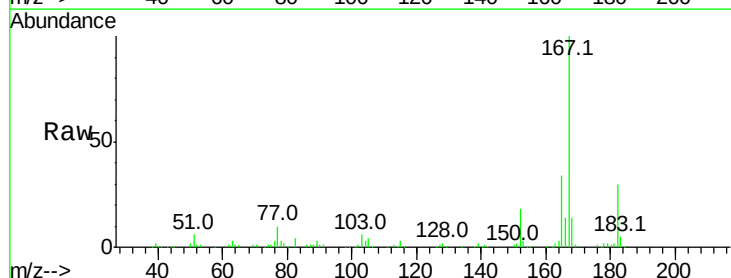
Tgt Ion:184 Resp: 469

Ion Ratio Lower Upper

184 100

63 747.4 59.8 89.8#

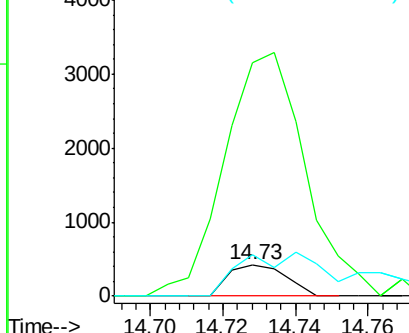
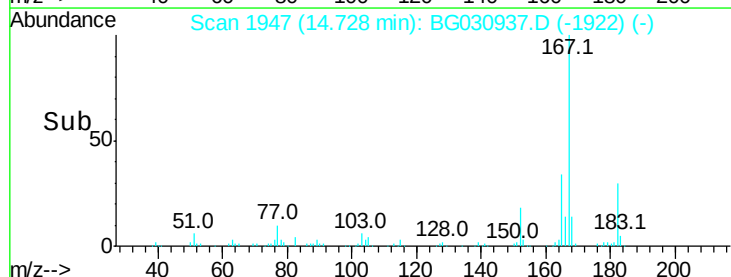
154 133.2 101.8 152.8

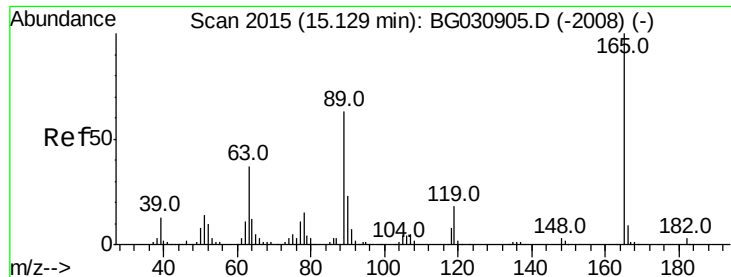


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 154.00 (153.70 to 154.70): E

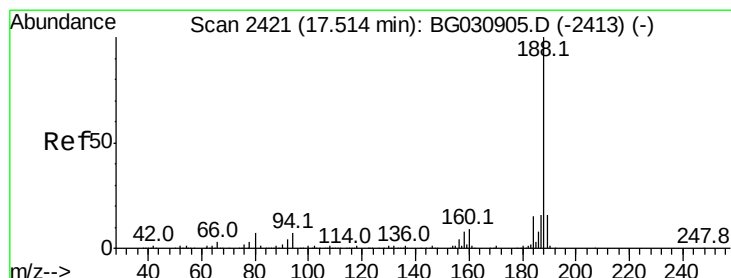
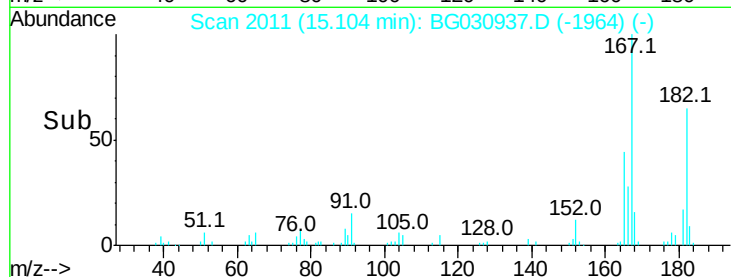
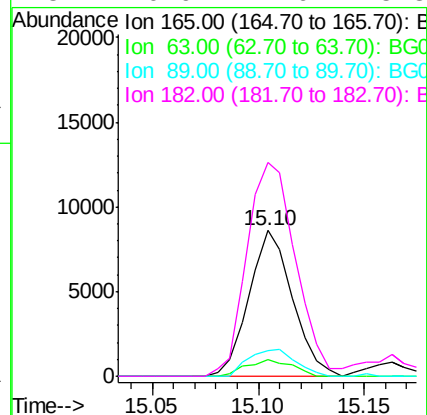
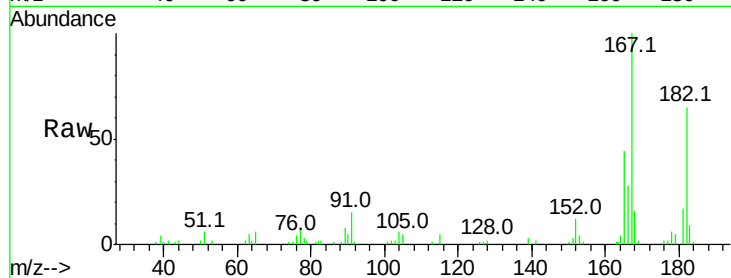




#56
 2,4-Dinitrotoluene
 Concen: 3.590 ng
 RT: 15.10 min Scan# 2011
 Delta R.T. -0.02 min
 Lab File: BG030937.D
 Acq: 11 Nov 2017 10:52

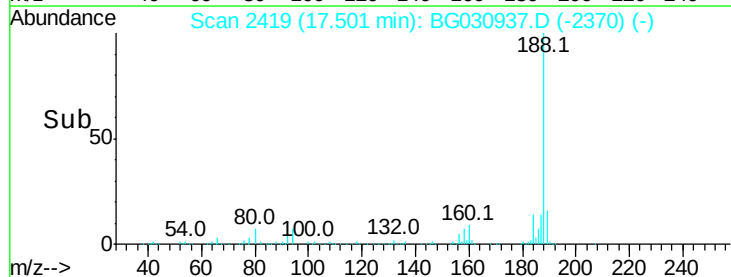
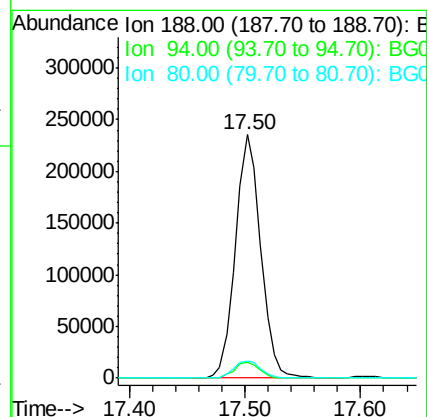
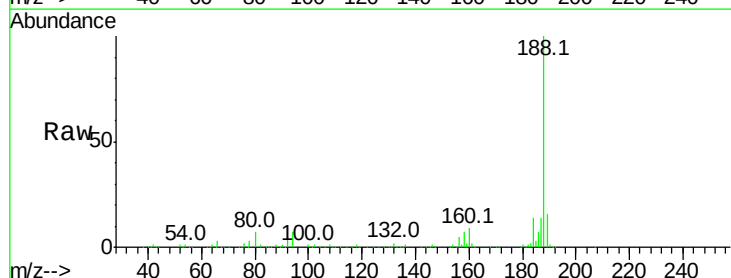
Instrument :
 BNA_G
 ClientSampleId :

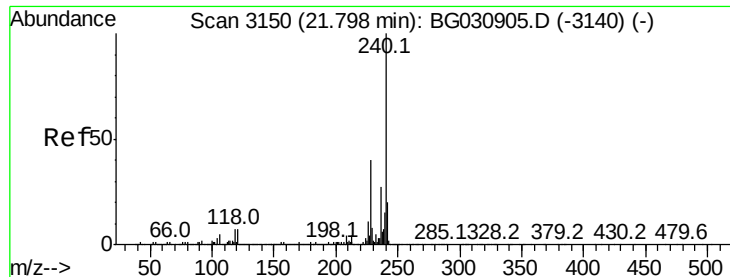
Tot Ion	Ratio	Lower	Upper
165	100		
63	11.1	42.0	63.0#
89	17.7	66.9	100.3#
182	146.9	2.6	3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.50 min Scan# 2419
 Delta R.T. -0.01 min
 Lab File: BG030937.D
 Acq: 11 Nov 2017 10:52

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.7	6.9	10.3#
80	7.3	7.7	11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG030937.D

Acq: 11 Nov 2017 10:52

Instrument :

BNA_G

ClientSampleId :

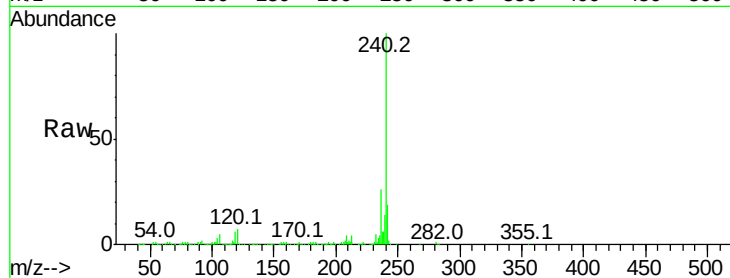
Tot Ion:240 Resp: 447592

Ion Ratio Lower Upper

240 100

120 6.6 6.8 10.2#

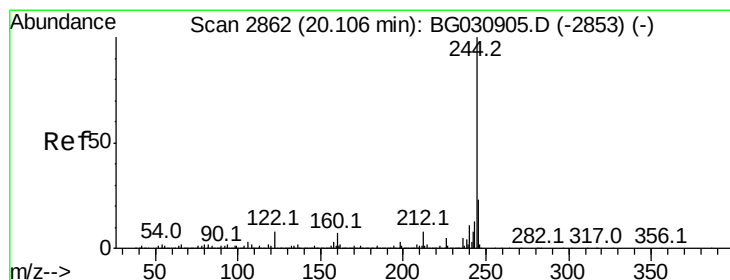
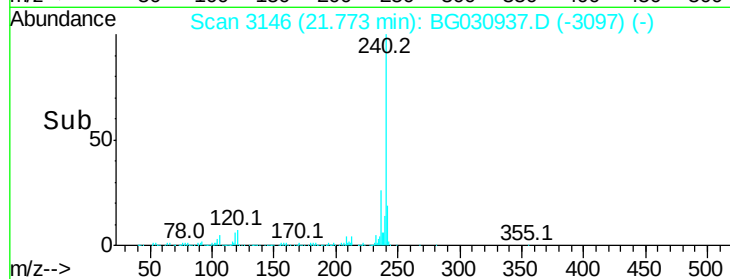
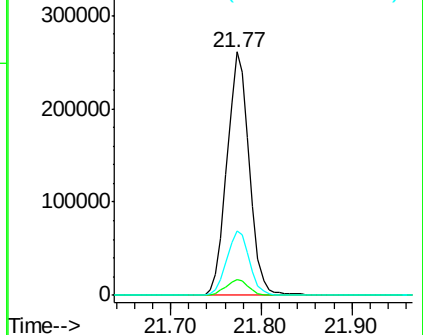
236 26.3 20.9 31.3



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: 89.793 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG030937.D

Acq: 11 Nov 2017 10:52

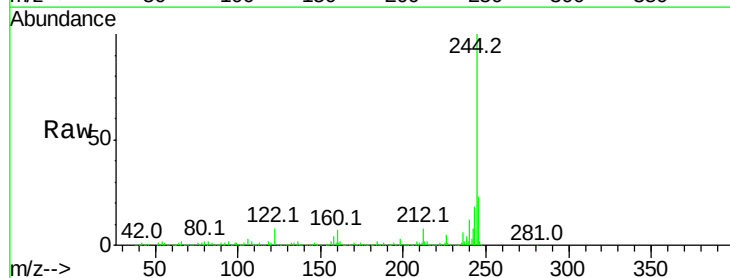
Tgt Ion:244 Resp: 1820162

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.8

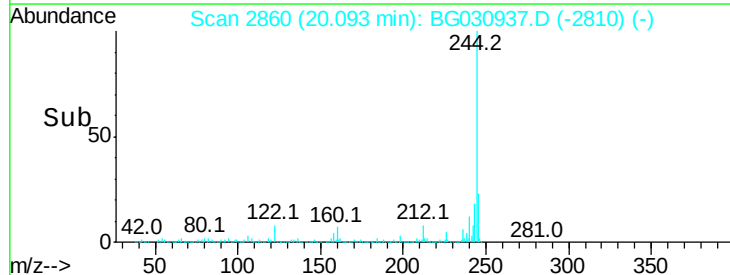
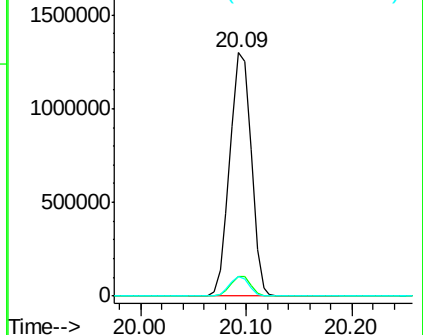
122 8.1 7.0 10.4

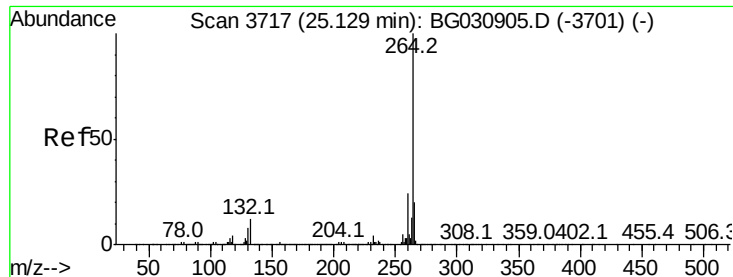


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

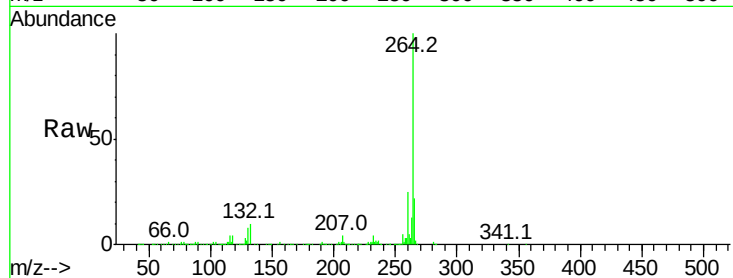




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.08 min Scan# 3709
 Delta R.T. -0.01 min
 Lab File: BG030937.D
 Acq: 11 Nov 2017 10:52

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	17.4	26.0
265	22.0	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

