

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110918\
 Data File : BG037932.D
 Acq On : 9 Nov 2018 22:33
 Operator : JU/SJ
 Sample : J5884-12
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-8A-S

Quant Time: Nov 12 06:11:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

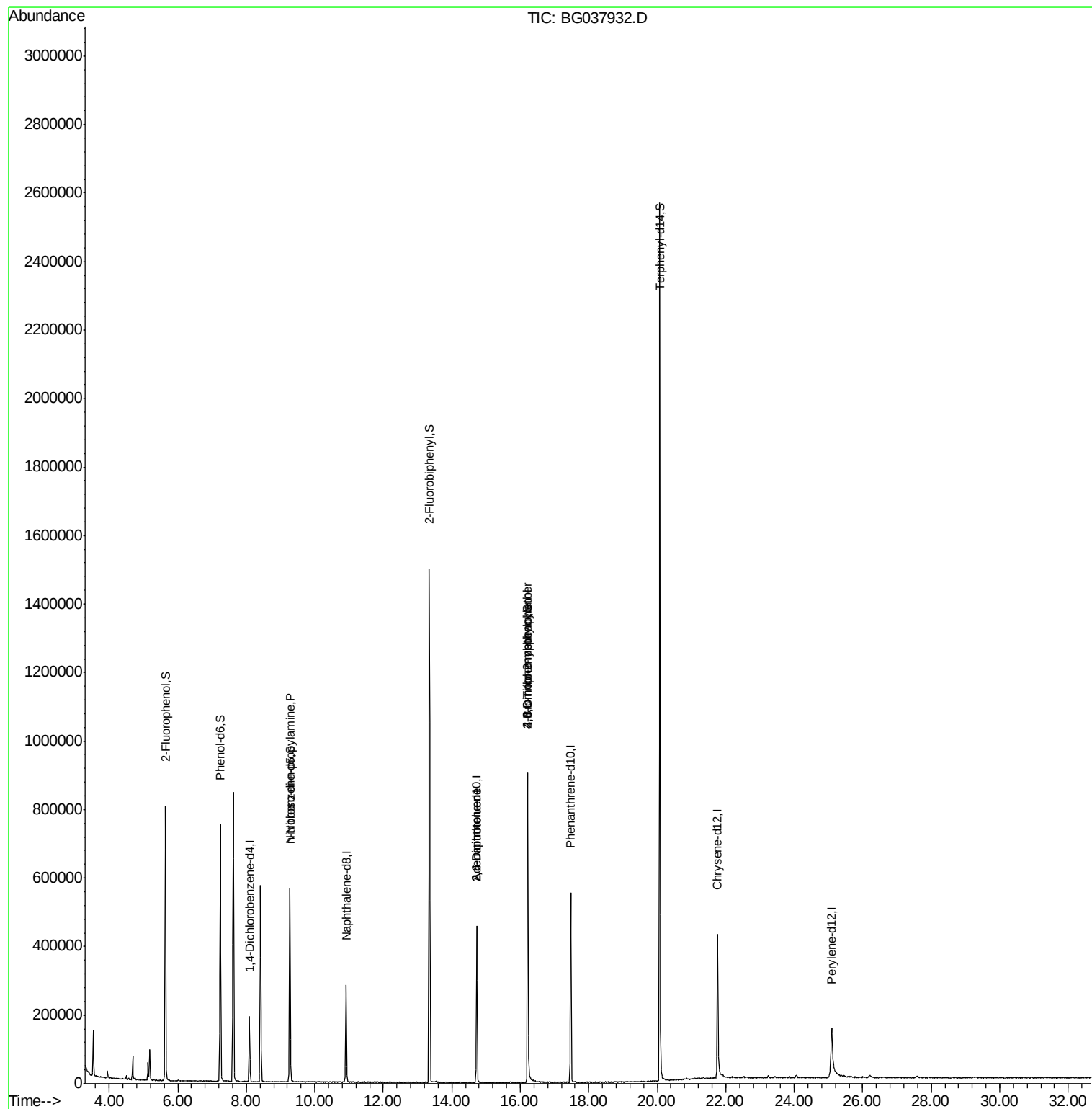
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	56694	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	255319	20.00	ng	-0.02
39) Acenaphthene-d10	14.73	164	168570	20.00	ng	-0.02
64) Phenanthrene-d10	17.48	188	370765	20.00	ng	0.00
76) Chrysene-d12	21.76	240	315812	20.00	ng	-0.02
87) Perylene-d12	25.09	264	226835	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	368466	108.66	ng	0.00
7) Phenol-d6	7.24	99	477912	93.20	ng	0.00
23) Nitrobenzene-d5	9.27	82	366333	80.38	ng	-0.02
42) 2,4,6-Tribromophenol	16.21	330	184341	100.26	ng	-0.02
45) 2-Fluorobiphenyl	13.35	172	826985	73.98	ng	-0.02
79) Terphenyl-d14	20.07	244	1285195	86.96	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.27	70	46340	13.124	ng	# 70
51) 2,6-Dinitrotoluene	14.73	165	22030	7.636	ng	# 26
57) 2,4-Dinitrotoluene	14.73	165	22030	5.817	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.21	198	477	8.709	ng	79
67) 4-Bromophenyl-phenylether	16.22	248	13031	3.200	ng	# 1

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

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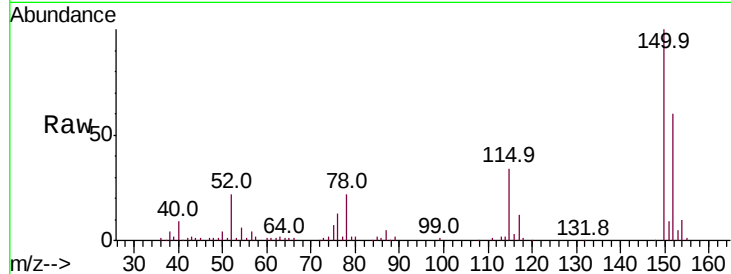


#1

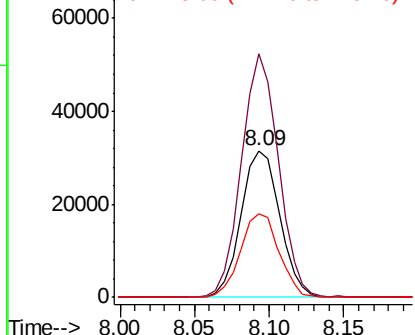
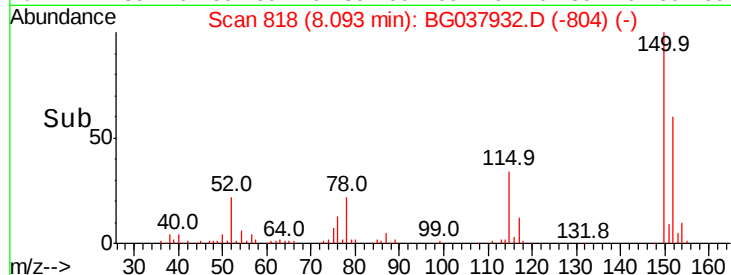
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.02 min
Lab File: BG037932.D
Acq: 9 Nov 2018 22:33

Instrument :
BNA_G
ClientSampleId :
TP-8A-S

Tot Ion:152 Resp: 56694
Ion Ratio Lower Upper
152 100
150 166.2 126.0 189.0
115 57.1 45.5 68.3



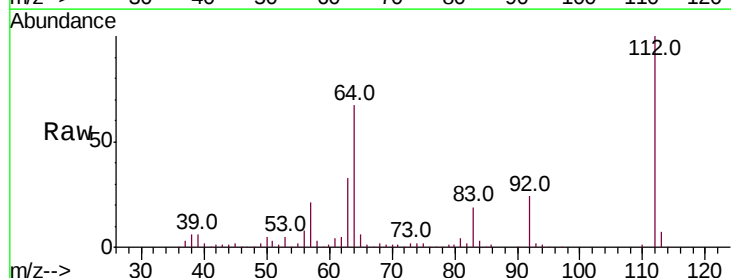
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



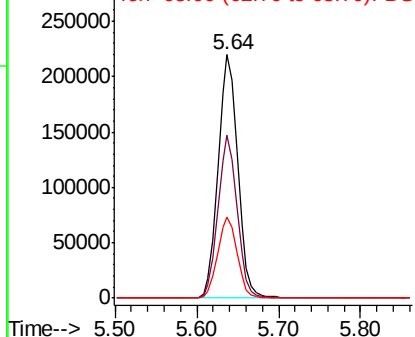
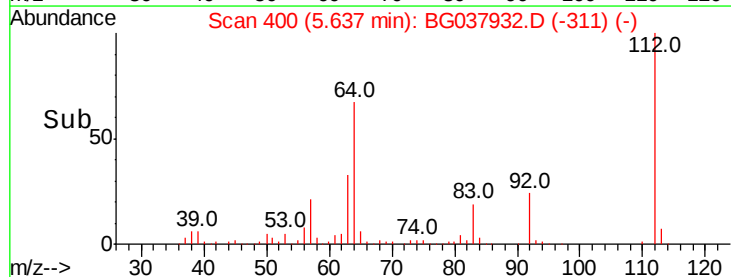
#5

2-Fluorophenol
Concen: 108.657 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037932.D
Acq: 9 Nov 2018 22:33

Tgt Ion:112 Resp: 368466
Ion Ratio Lower Upper
112 100
64 67.1 53.1 79.7
63 33.3 27.3 40.9



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: 93.201 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037932.D

Acq: 9 Nov 2018 22:33

Instrument :

BNA_G

ClientSampleId :

TP-8A-S

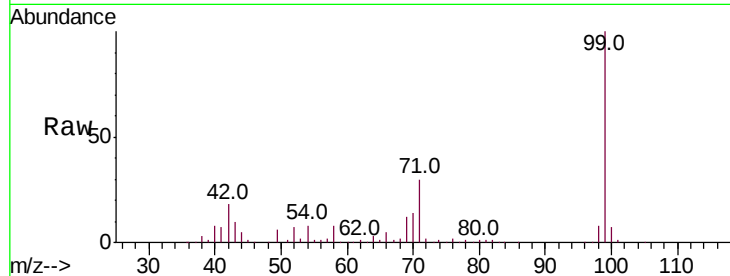
Tot Ion: 99 Resp: 477912

Ion Ratio Lower Upper

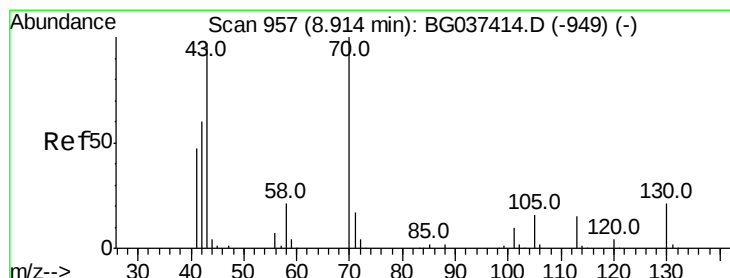
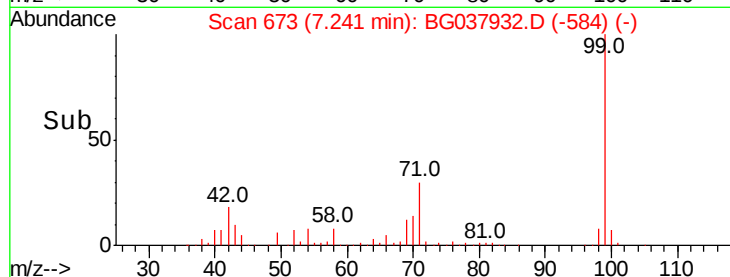
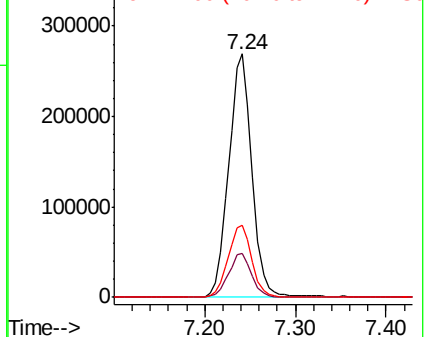
99 100

42 17.8 15.0 22.4

71 29.6 25.5 38.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.124 ng

RT: 9.27 min Scan# 1019

Delta R.T. 0.36 min

Lab File: BG037932.D

Acq: 9 Nov 2018 22:33

Tgt Ion: 70 Resp: 46340

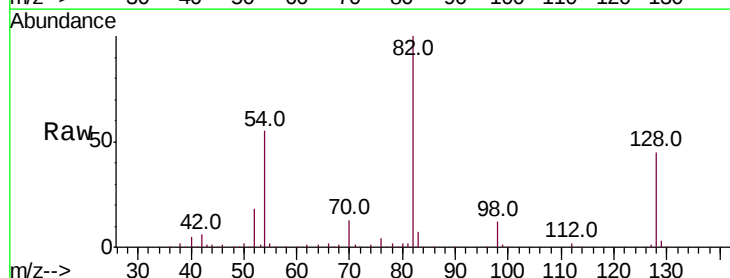
Ion Ratio Lower Upper

70 100

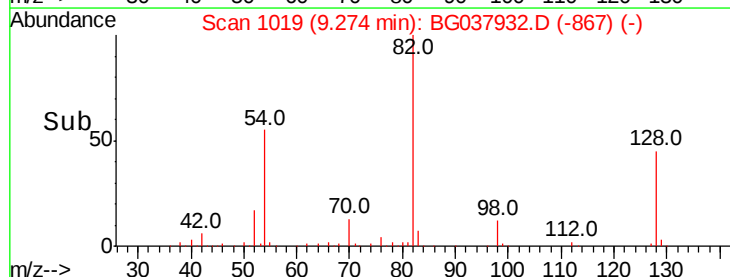
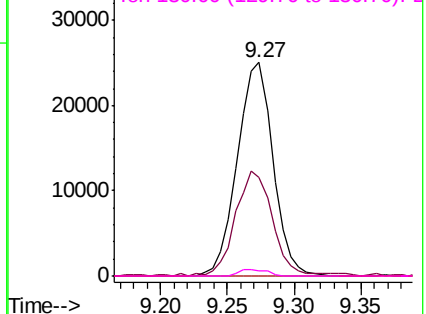
42 46.4 53.9 80.9#

101 0.0 8.2 12.2#

130 2.4 18.2 27.4#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

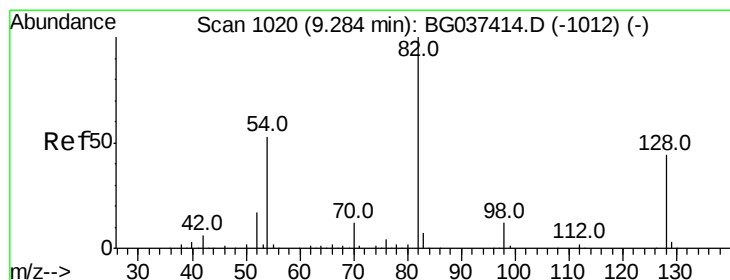
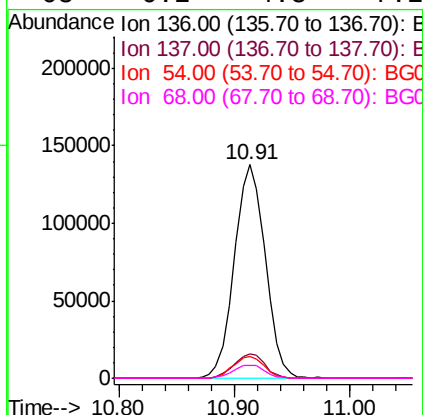
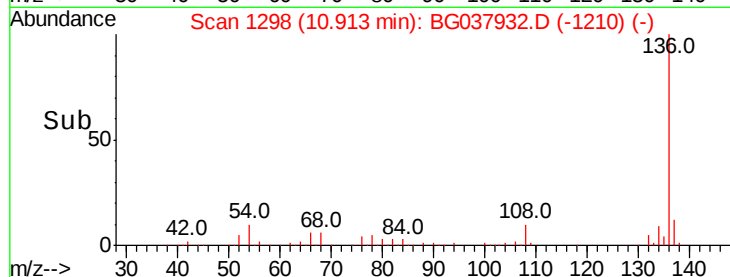
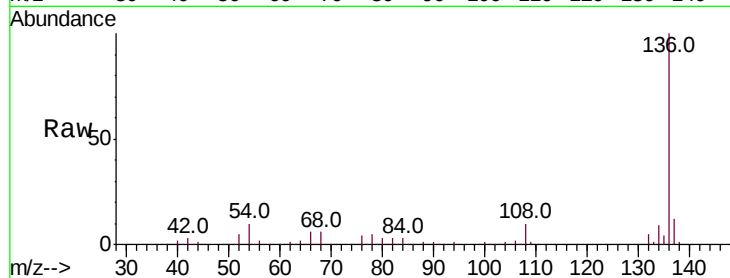




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BG037932.D
Acq: 9 Nov 2018 22:33

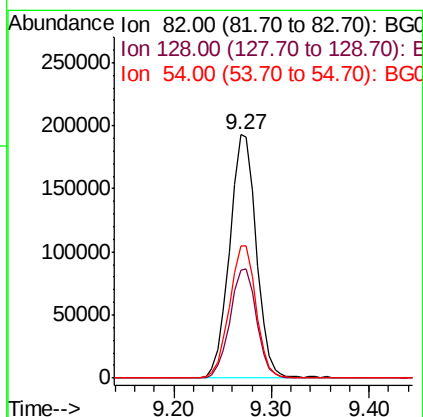
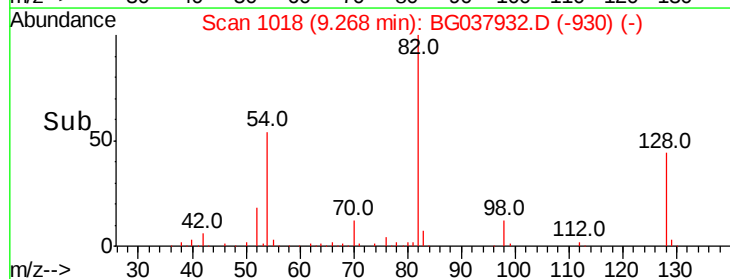
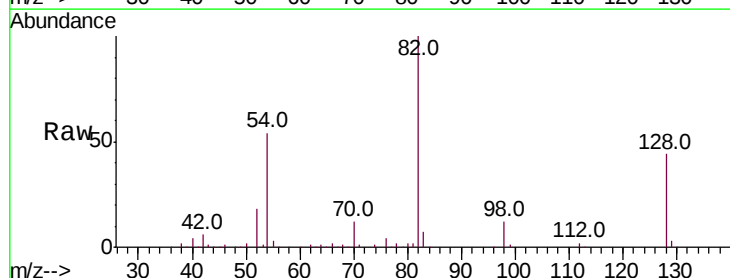
Instrument :
BNA_G
ClientSampleId :
TP-8A-S

Tot Ion:	136	Resp:	255319
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.6	14.4
54	10.4	7.9	11.9
68	6.2	4.8	7.2



#23
Nitrobenzene-d5
Concen: 80.376 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.02 min
Lab File: BG037932.D
Acq: 9 Nov 2018 22:33

Tgt Ion:	82	Resp:	366333
Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.6	51.8
54	54.4	45.3	67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.02 min

Lab File: BG037932.D

Acq: 9 Nov 2018 22:33

Instrument :

BNA_G

ClientSampleId :

TP-8A-S

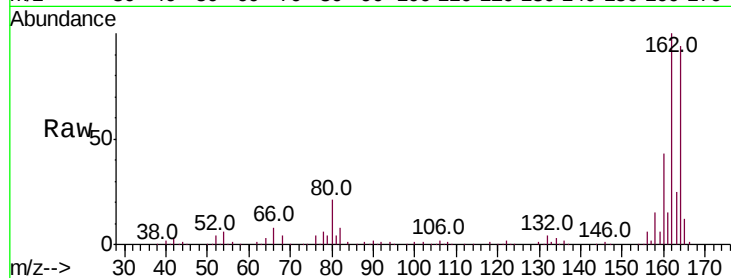
Tot Ion:164 Resp: 168570

Ion Ratio Lower Upper

164 100

162 106.3 81.3 121.9

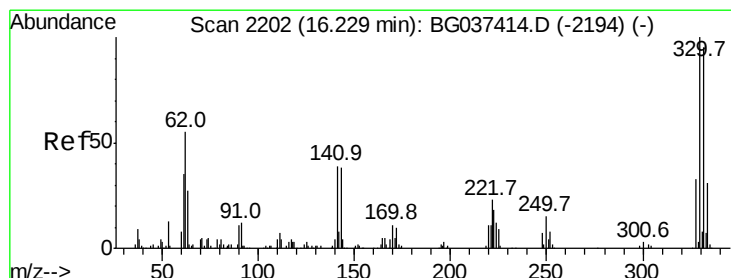
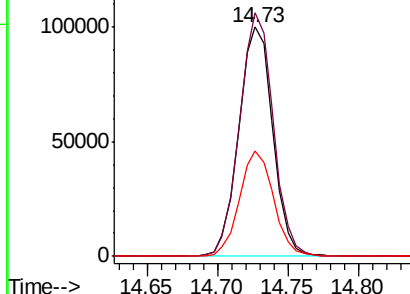
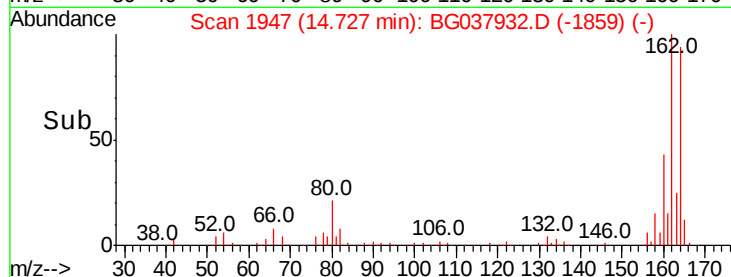
160 46.1 36.3 54.5



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



#42

2,4,6-Tribromophenol

Concen: 100.263 ng

RT: 16.21 min Scan# 2200

Delta R.T. -0.02 min

Lab File: BG037932.D

Acq: 9 Nov 2018 22:33

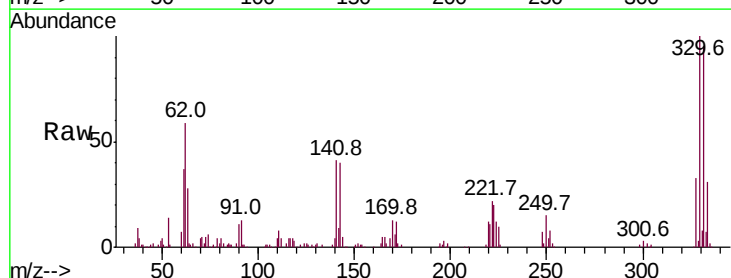
Tgt Ion:330 Resp: 184341

Ion Ratio Lower Upper

330 100

332 93.9 78.4 117.6

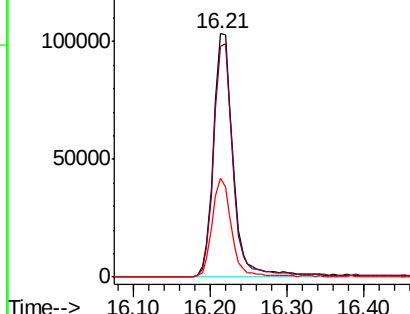
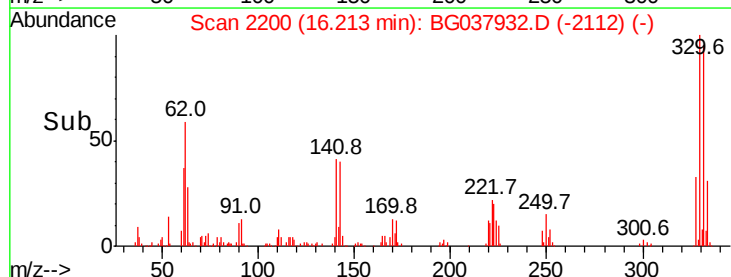
141 39.4 32.2 48.2



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



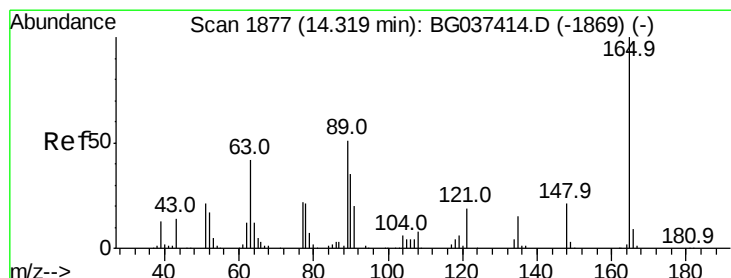
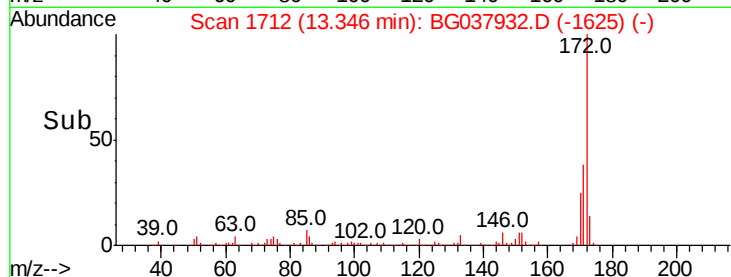
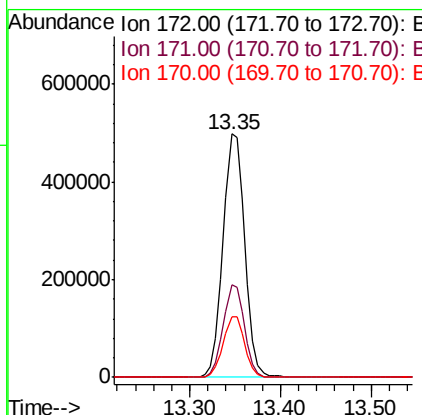
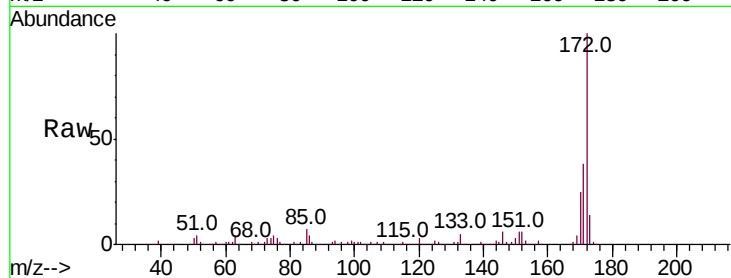


#45
 2-Fluorobiphenyl
 Concen: 73.978 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.02 min
 Lab File: BG037932.D
 Acq: 9 Nov 2018 22:33

Instrument :
 BNA_G
 ClientSampleId :
 TP-8A-S

Tot Ion:172 Resp: 826985

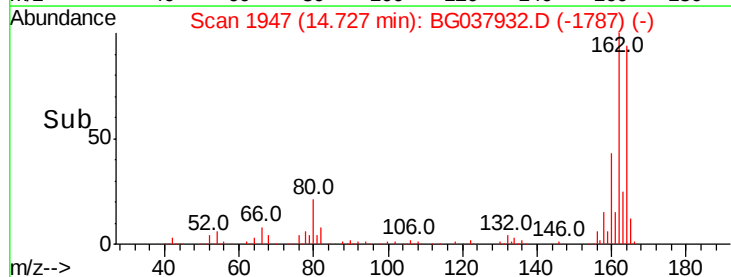
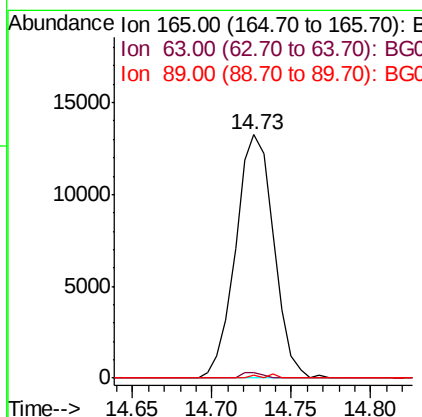
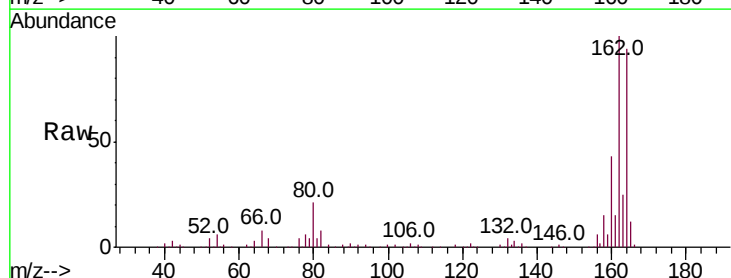
Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.0	46.4
170	24.9	20.2	30.2

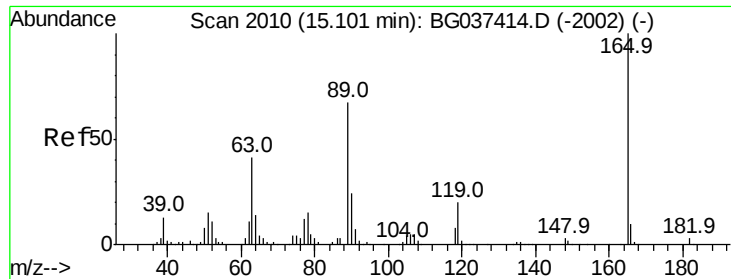


#51
 2,6-Dinitrotoluene
 Concen: 7.636 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. 0.41 min
 Lab File: BG037932.D
 Acq: 9 Nov 2018 22:33

Tgt Ion:165 Resp: 22030

Ion	Ratio	Lower	Upper
165	100		
63	2.0	43.4	65.2#
89	1.3	45.8	68.6#

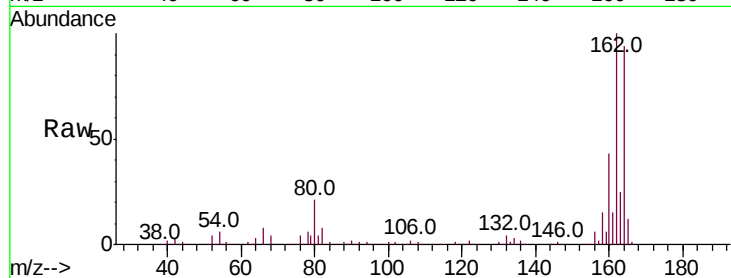




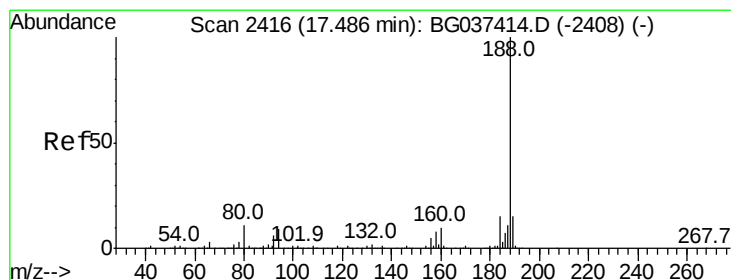
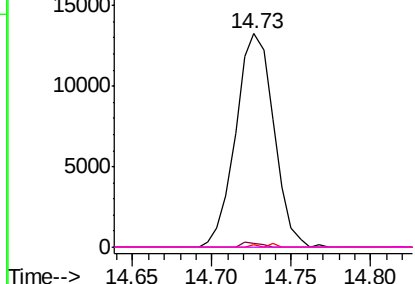
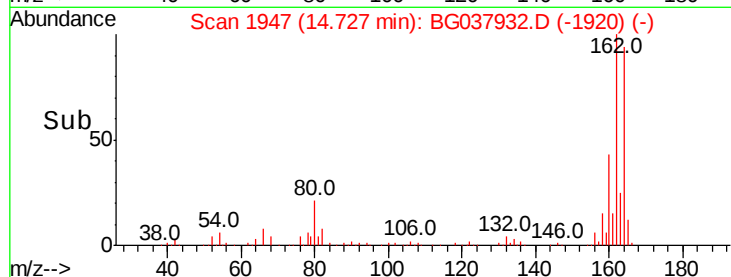
#57
 2,4-Dinitrotoluene
 Concen: 5.817 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.37 min
 Lab File: BG037932.D
 Acq: 9 Nov 2018 22:33

Instrument :
 BNA_G
 ClientSampleId :
 TP-8A-S

Tot Ion:165 Resp: 22030
 Ion Ratio Lower Upper
 165 100
 63 2.0 33.4 50.0#
 89 1.3 57.2 85.8#
 182 0.0 2.6 4.0#

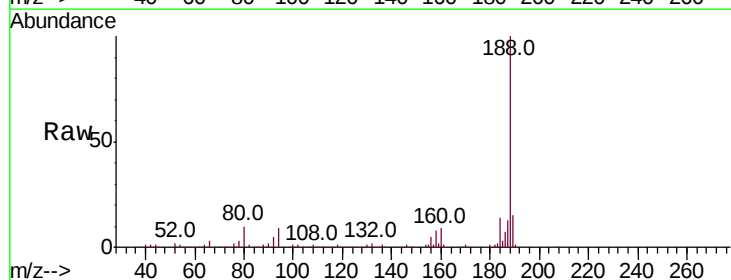


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

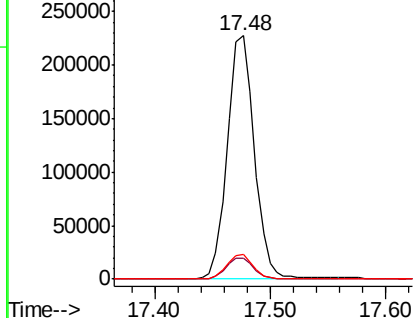
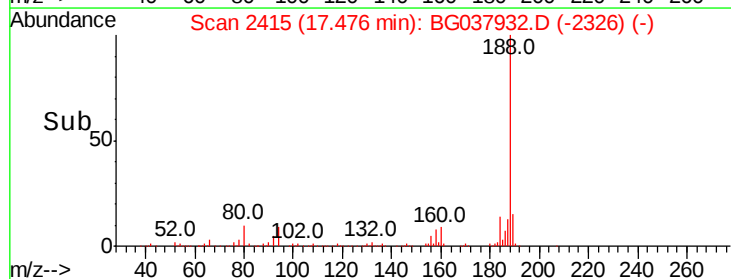


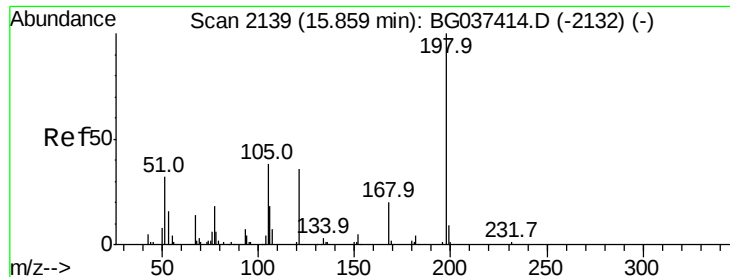
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2415
 Delta R.T. -0.01 min
 Lab File: BG037932.D
 Acq: 9 Nov 2018 22:33

Tgt Ion:188 Resp: 370765
 Ion Ratio Lower Upper
 188 100
 94 8.8 7.2 10.8
 80 10.3 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

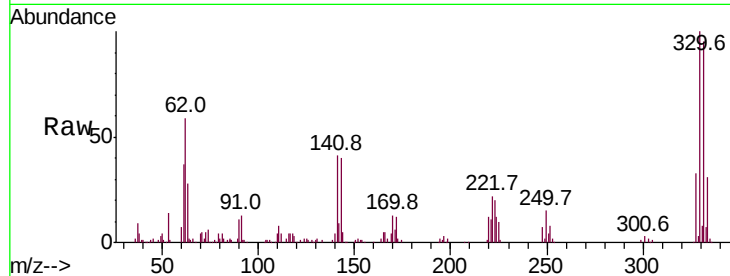




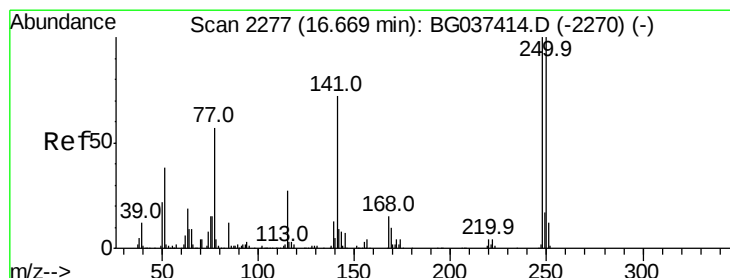
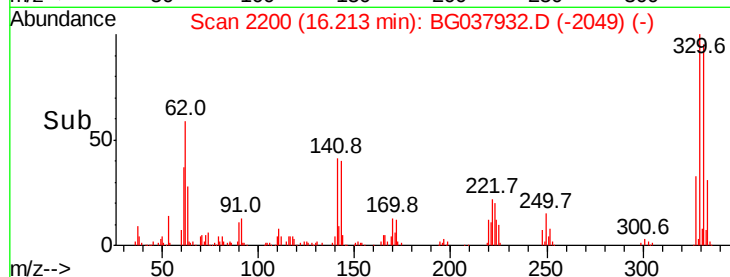
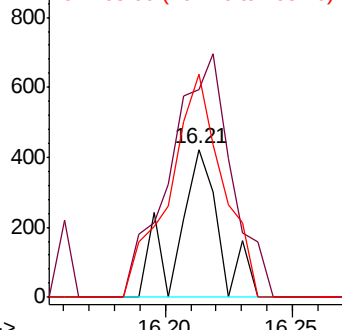
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.709 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. 0.36 min
 Lab File: BG037932.D
 Acq: 9 Nov 2018 22:33

Instrument :
 BNA_G
 ClientSampleId :
 TP-8A-S

Tot Ion:198 Resp: 477
 Ion Ratio Lower Upper
 198 100
 51 27.3 22.7 62.7
 105 29.2 19.7 59.7

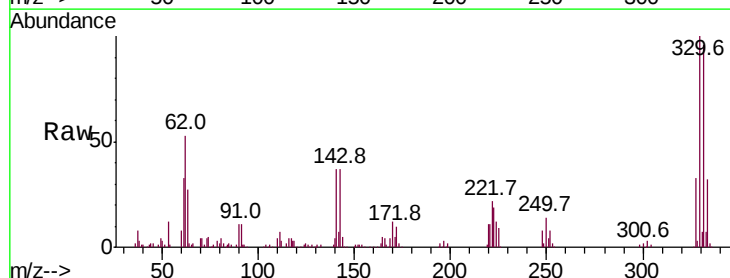


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

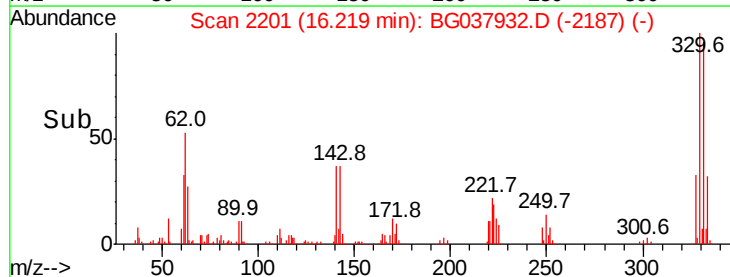
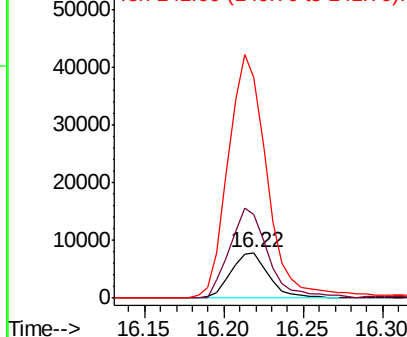


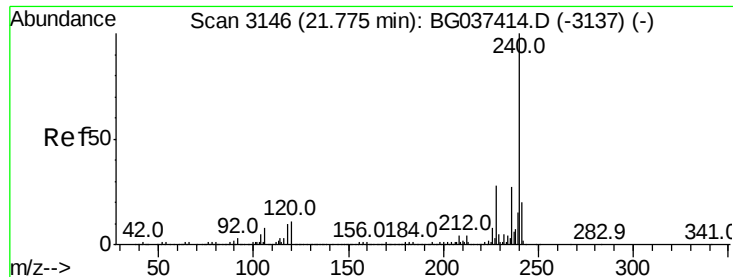
#67
 4-Bromophenyl-phenylether
 Concen: 3.200 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.45 min
 Lab File: BG037932.D
 Acq: 9 Nov 2018 22:33

Tgt Ion:248 Resp: 13031
 Ion Ratio Lower Upper
 248 100
 250 187.0 77.0 115.6#
 141 384.6 55.5 83.3#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3144

Delta R.T. -0.02 min

Lab File: BG037932.D

Acq: 9 Nov 2018 22:33

Instrument :

BNA_G

ClientSampleId :

TP-8A-S

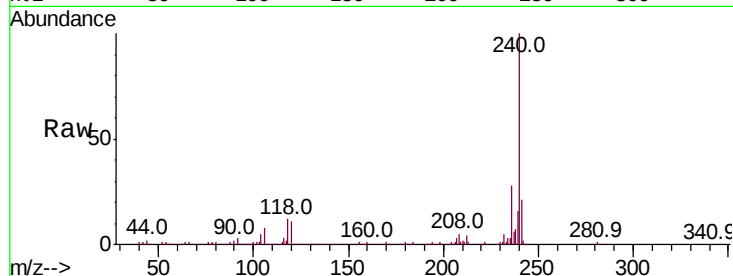
Tot Ion:240 Resp: 315812

Ion Ratio Lower Upper

240 100

120 11.2 8.1 12.1

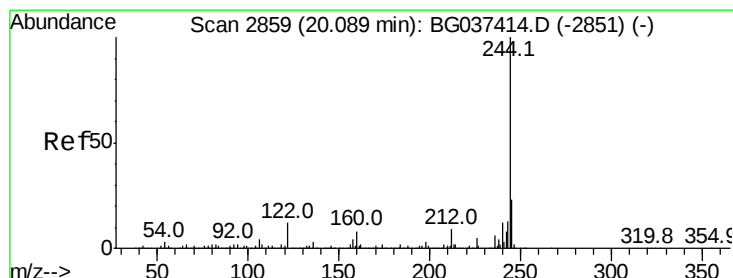
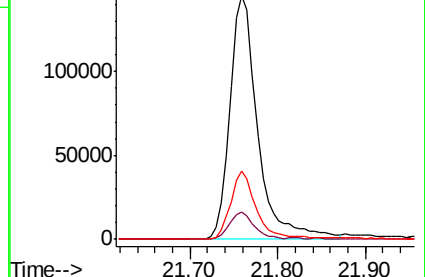
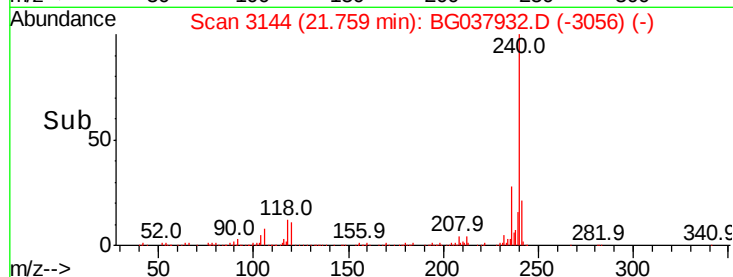
236 28.3 21.4 32.0



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



#79

Terphenyl-d14

Concen: 86.956 ng

RT: 20.07 min Scan# 2857

Delta R.T. -0.02 min

Lab File: BG037932.D

Acq: 9 Nov 2018 22:33

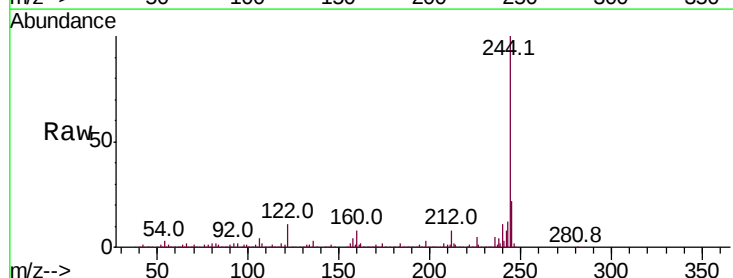
Tgt Ion:244 Resp: 1285195

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

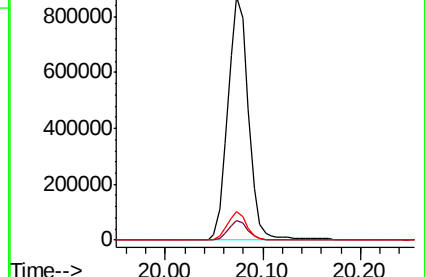
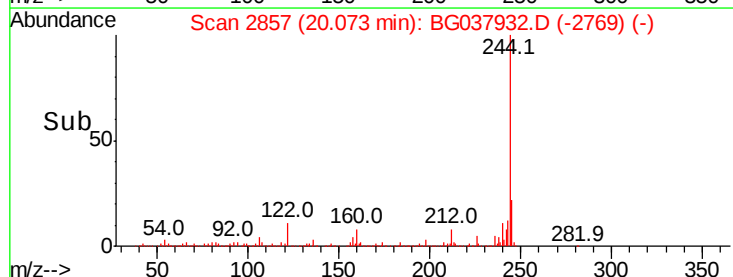
122 11.5 9.0 13.4

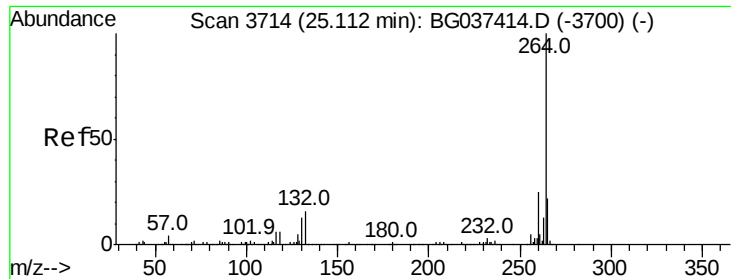


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.09 min Scan# 3711
 Delta R.T. -0.02 min
 Lab File: BG037932.D
 Acq: 9 Nov 2018 22:33

Instrument :
 BNA_G
 ClientSampleId :
 TP-8A-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.4
265	21.3	17.9	26.9

