

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110918\
 Data File : BG037933.D
 Acq On : 9 Nov 2018 23:12
 Operator : JU/SJ
 Sample : J5884-16
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-8A-D

Quant Time: Nov 12 06:11:18 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

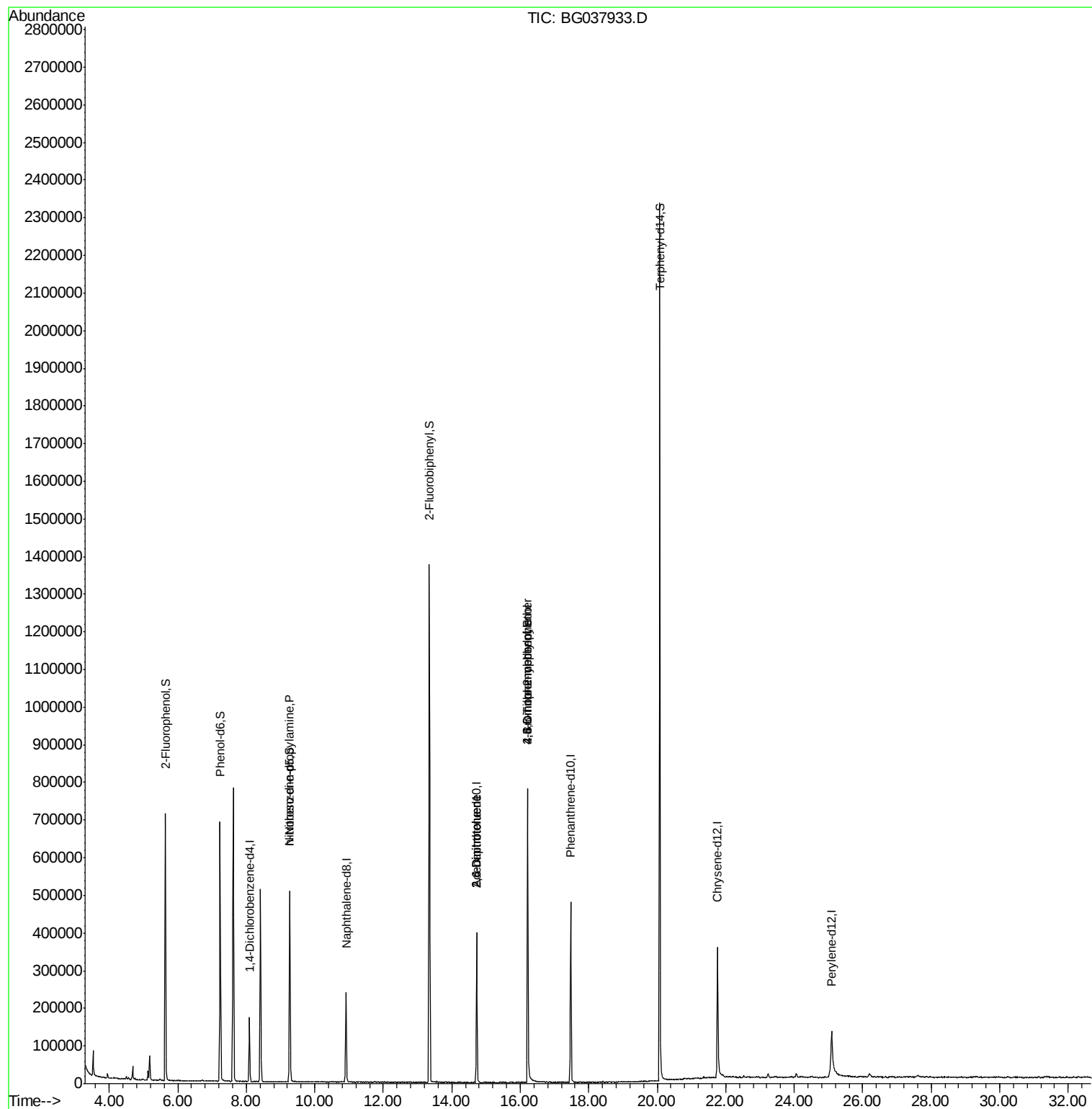
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	49379	20.00	ng	-0.01
21) Naphthalene-d8	10.91	136	220581	20.00	ng	-0.01
39) Acenaphthene-d10	14.73	164	147028	20.00	ng	-0.01
64) Phenanthrene-d10	17.47	188	317201	20.00	ng	-0.01
76) Chrysene-d12	21.76	240	272453	20.00	ng	-0.01
87) Perylene-d12	25.10	264	206962	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	332633	112.62	ng	0.00
7) Phenol-d6	7.24	99	450156	100.79	ng	-0.01
23) Nitrobenzene-d5	9.27	82	326723	82.97	ng	-0.01
42) 2,4,6-Tribromophenol	16.21	330	158221	98.66	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	762123	78.16	ng	-0.02
79) Terphenyl-d14	20.07	244	1146600	89.92	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.27	70	40260	13.091	ng	# 73
51) 2,6-Dinitrotoluene	14.73	165	19093	7.588	ng	# 24
57) 2,4-Dinitrotoluene	14.73	165	19093	5.781	ng	# 24
65) 4,6-Dinitro-2-methylphenol	16.21	198	441	8.725	ng	90
67) 4-Bromophenyl-phenylether	16.21	248	11622	3.336	ng	# 1

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

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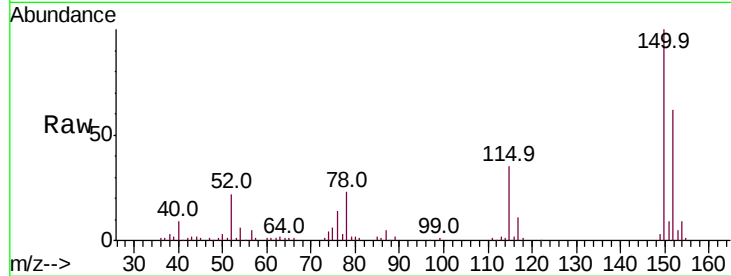


#1

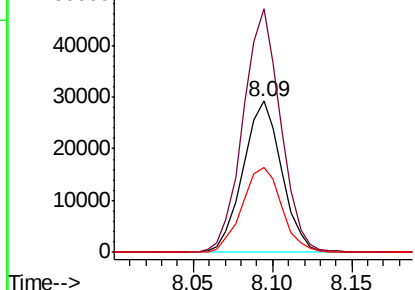
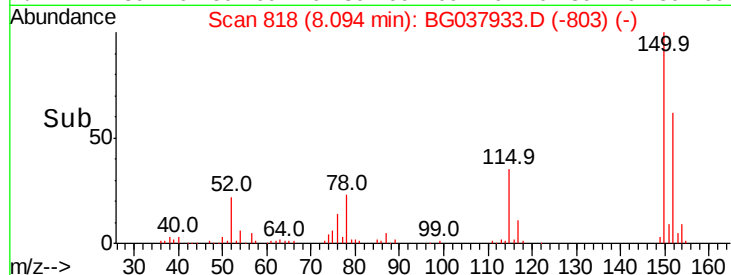
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG037933.D
Acq: 9 Nov 2018 23:12

Instrument :
BNA_G
ClientSampleId :
TP-8A-D

Tot Ion:152 Resp: 49379
Ion Ratio Lower Upper
152 100
150 160.9 126.0 189.0
115 56.2 45.5 68.3



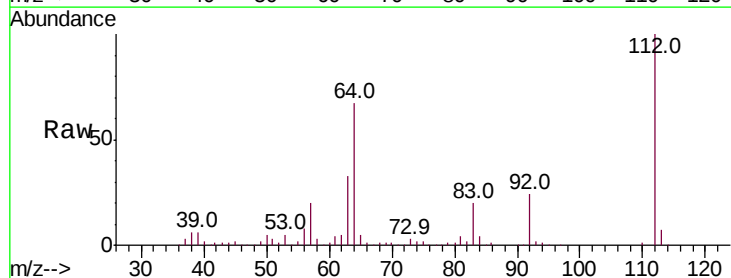
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



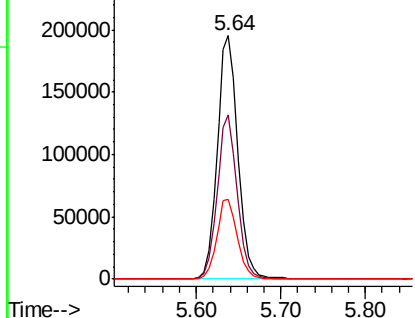
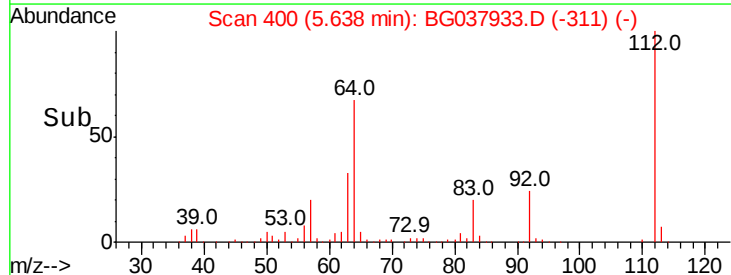
#5

2-Fluorophenol
Concen: 112.621 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037933.D
Acq: 9 Nov 2018 23:12

Tgt Ion:112 Resp: 332633
Ion Ratio Lower Upper
112 100
64 67.4 53.1 79.7
63 32.9 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: 100.793 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037933.D

Acq: 9 Nov 2018 23:12

Instrument :

BNA_G

ClientSampleId :

TP-8A-D

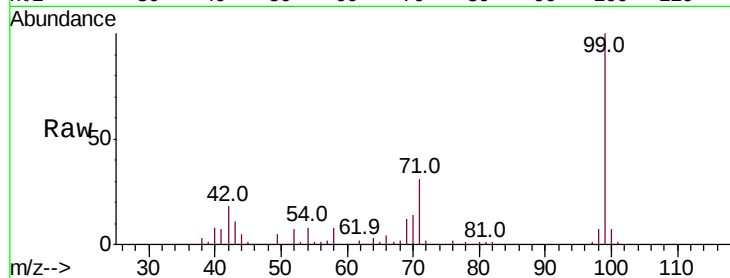
Tot Ion: 99 Resp: 450156

Ion Ratio Lower Upper

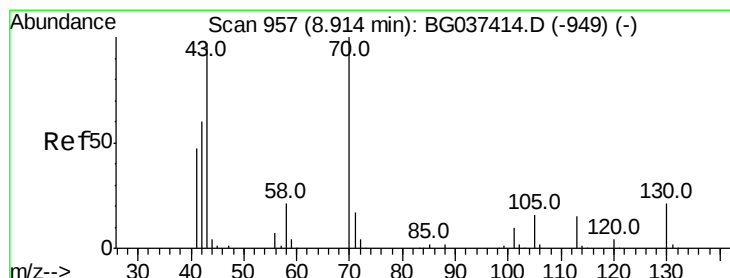
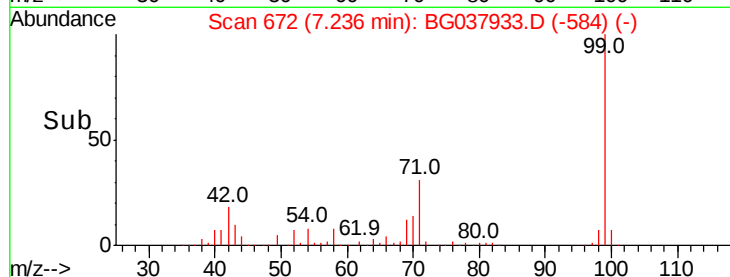
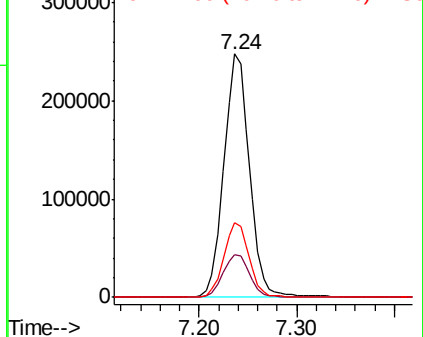
99 100

42 17.7 15.0 22.4

71 30.7 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: 13.091 ng

RT: 9.27 min Scan# 1018

Delta R.T. 0.36 min

Lab File: BG037933.D

Acq: 9 Nov 2018 23:12

Tgt Ion: 70 Resp: 40260

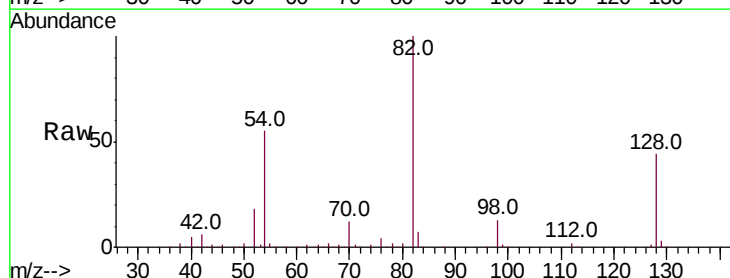
Ion Ratio Lower Upper

70 100

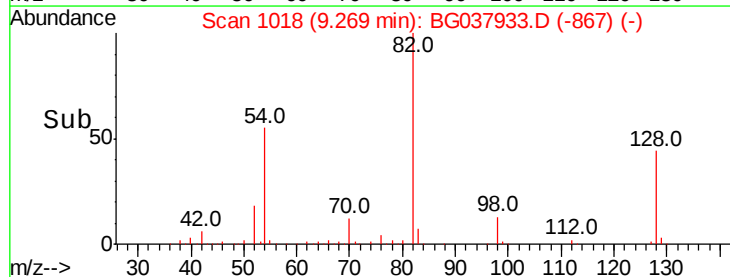
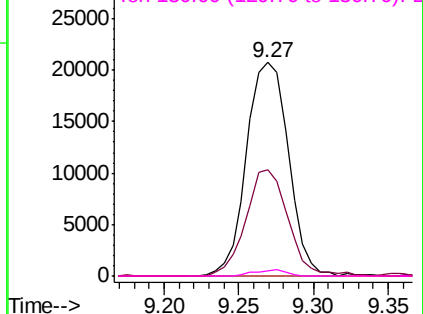
42 49.7 53.9 80.9#

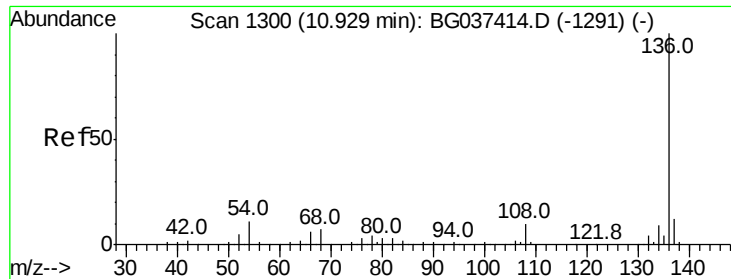
101 0.0 8.2 12.2#

130 2.3 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

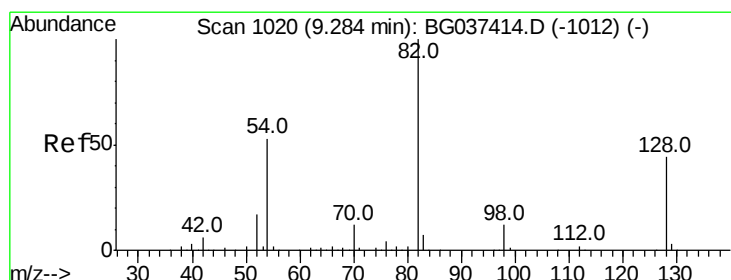
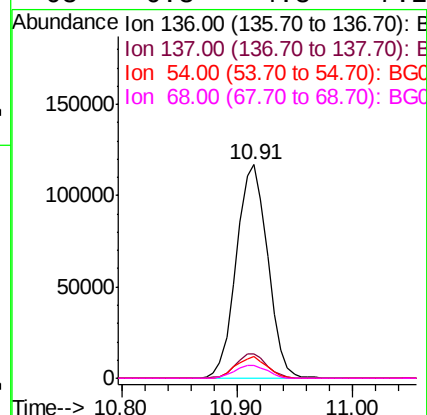
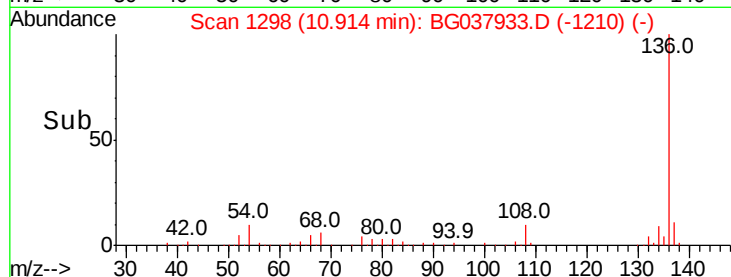
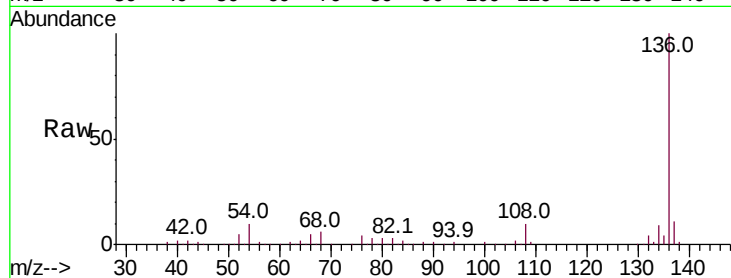




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG037933.D
Acq: 9 Nov 2018 23:12

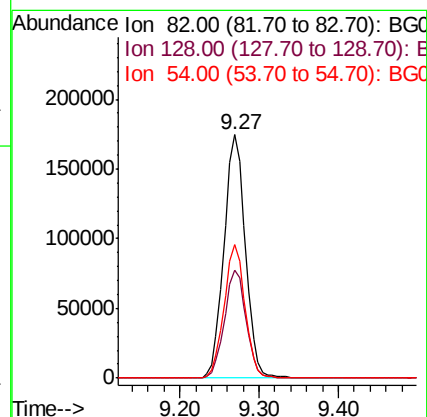
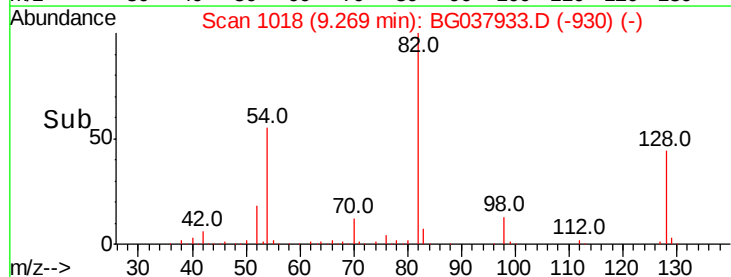
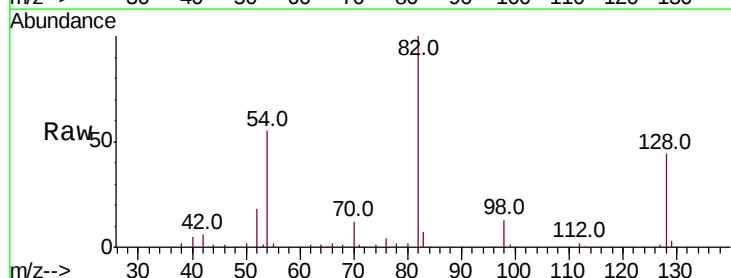
Instrument :
BNA_G
ClientSampleId :
TP-8A-D

Tot Ion:	136	Resp:	220581
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.6	14.4
54	10.0	7.9	11.9
68	6.3	4.8	7.2



#23
Nitrobenzene-d5
Concen: 82.975 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG037933.D
Acq: 9 Nov 2018 23:12

Tgt Ion:	82	Resp:	326723
Ion	Ratio	Lower	Upper
82	100		
128	44.2	34.6	51.8
54	54.7	45.3	67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG037933.D

Acq: 9 Nov 2018 23:12

Instrument :

BNA_G

ClientSampleId :

TP-8A-D

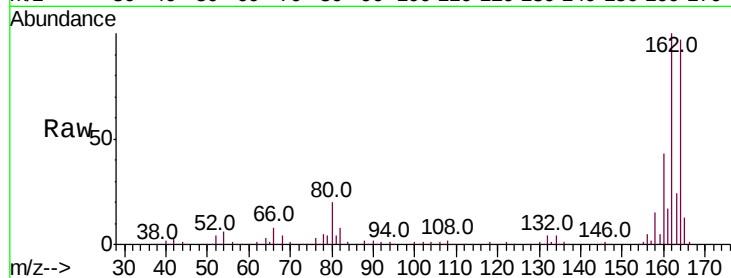
Tot Ion:164 Resp: 147028

Ion Ratio Lower Upper

164 100

162 102.9 81.3 121.9

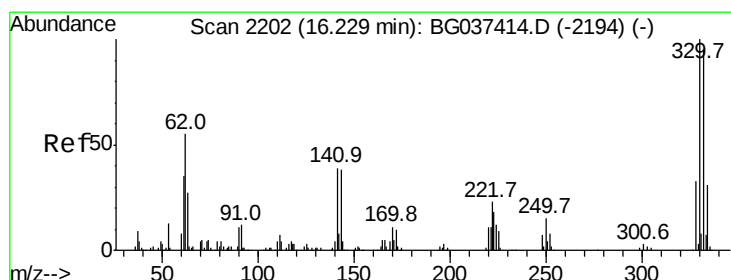
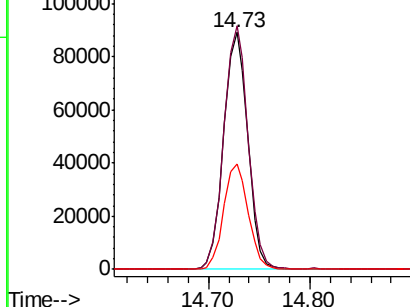
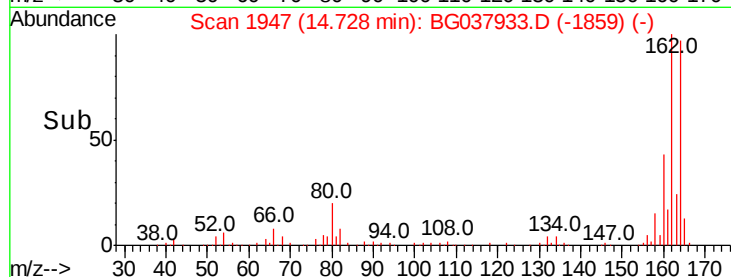
160 44.4 36.3 54.5



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: 98.665 ng

RT: 16.21 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BG037933.D

Acq: 9 Nov 2018 23:12

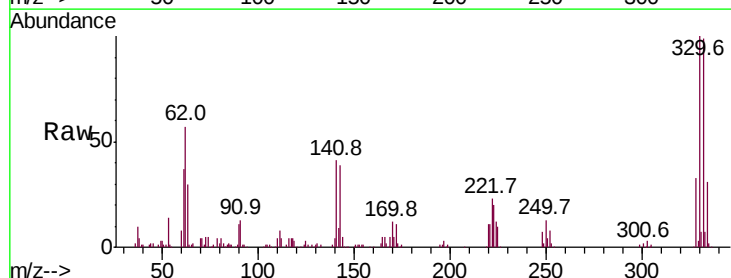
Tgt Ion:330 Resp: 158221

Ion Ratio Lower Upper

330 100

332 98.2 78.4 117.6

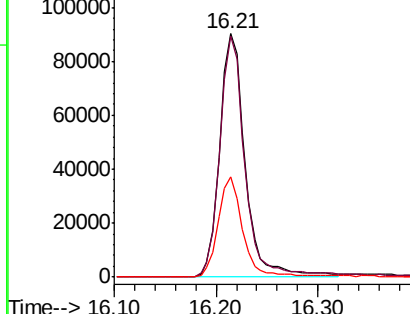
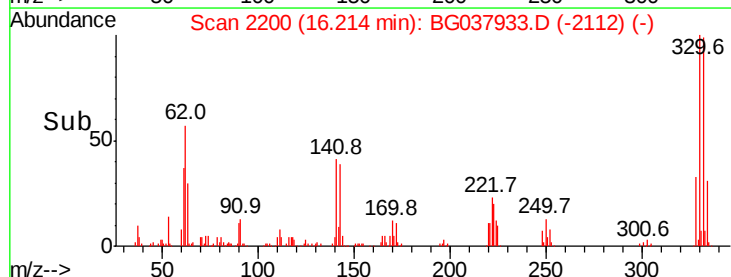
141 40.4 32.2 48.2



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

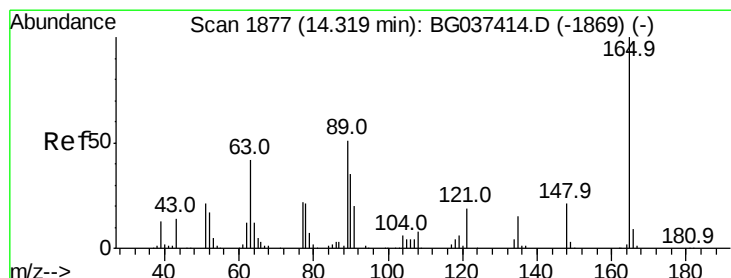
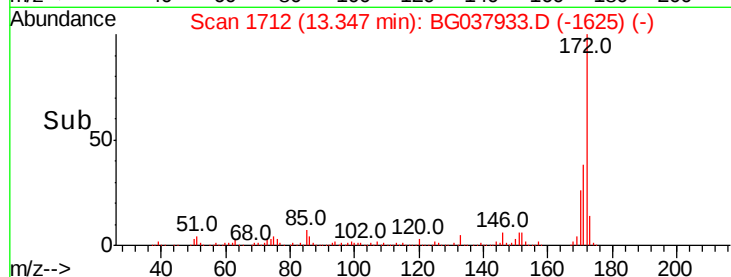
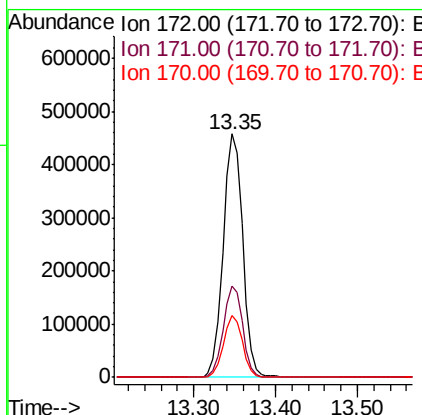
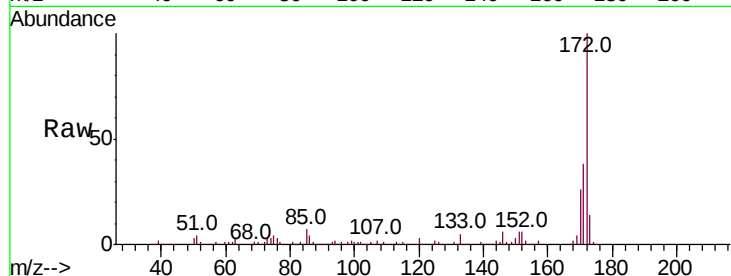




#45
2-Fluorobiphenyl
Concen: 78.165 ng
RT: 13.35 min Scan# 1712
Delta R.T. -0.02 min
Lab File: BG037933.D
Acq: 9 Nov 2018 23:12

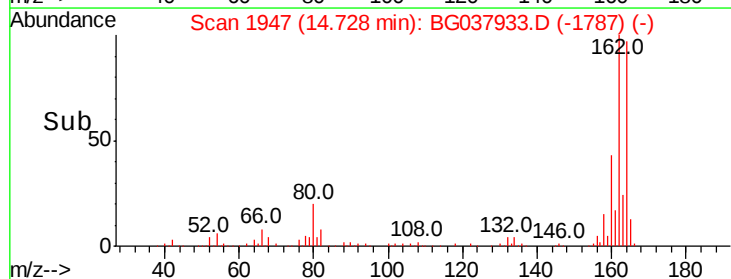
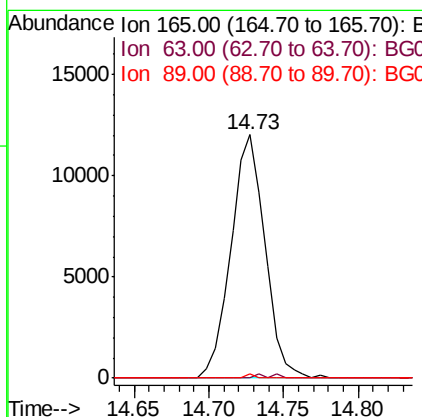
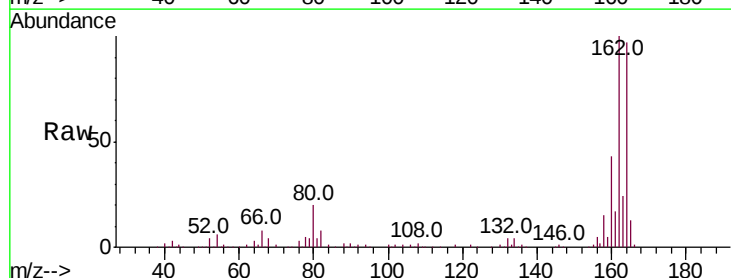
Instrument :
BNA_G
ClientSampleId :
TP-8A-D

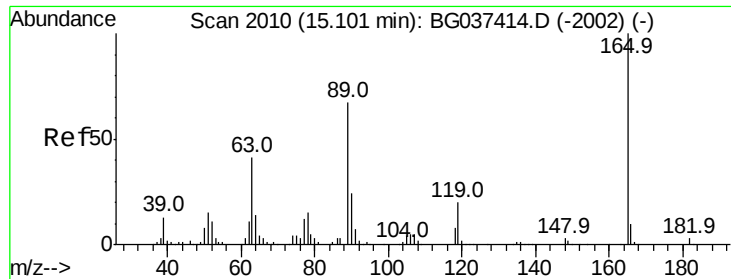
Tot Ion:172 Resp: 762123
Ion Ratio Lower Upper
172 100
171 37.5 31.0 46.4
170 25.5 20.2 30.2



#51
2,6-Dinitrotoluene
Concen: 7.588 ng
RT: 14.73 min Scan# 1947
Delta R.T. 0.41 min
Lab File: BG037933.D
Acq: 9 Nov 2018 23:12

Tgt Ion:165 Resp: 19093
Ion Ratio Lower Upper
165 100
63 0.0 43.4 65.2#
89 1.5 45.8 68.6#

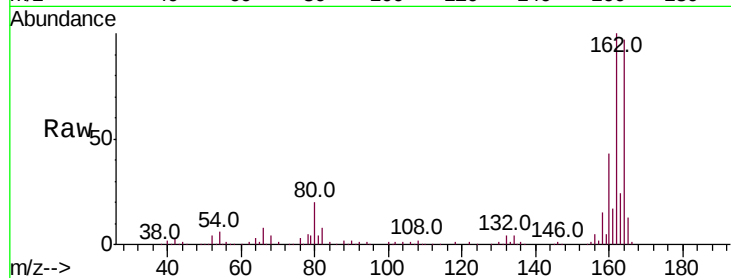




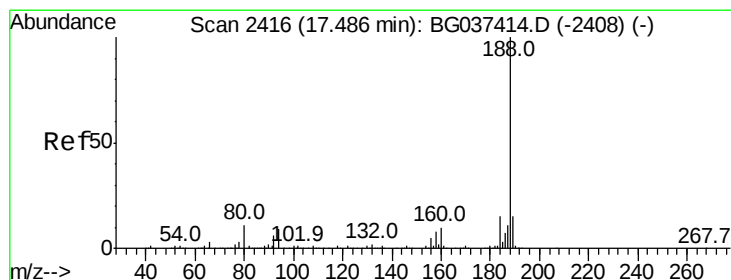
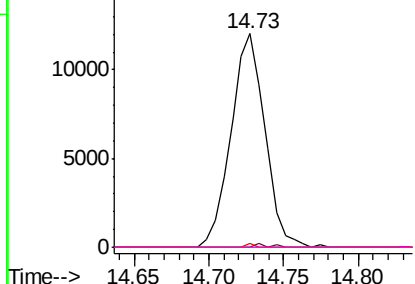
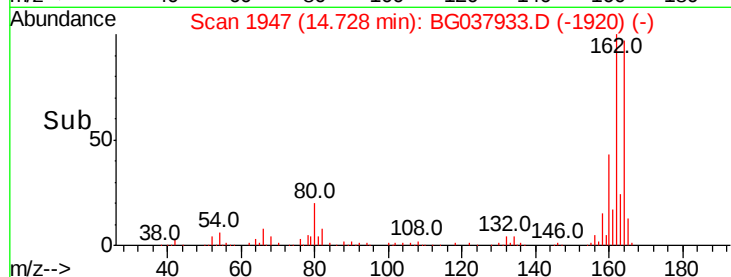
#57
 2,4-Dinitrotoluene
 Concen: 5.781 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.37 min
 Lab File: BG037933.D
 Acq: 9 Nov 2018 23:12

Instrument :
 BNA_G
 ClientSampleId :
 TP-8A-D

Tot Ion:165 Resp: 19093
 Ion Ratio Lower Upper
 165 100
 63 0.0 33.4 50.0#
 89 1.5 57.2 85.8#
 182 0.0 2.6 4.0#

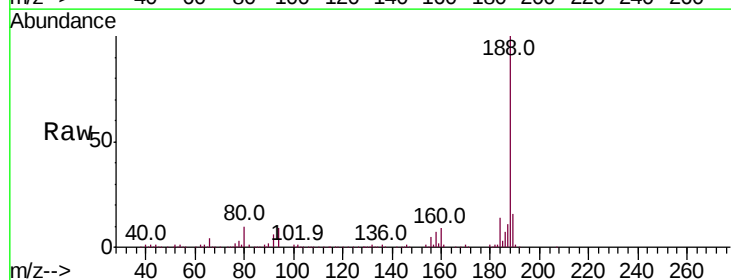


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

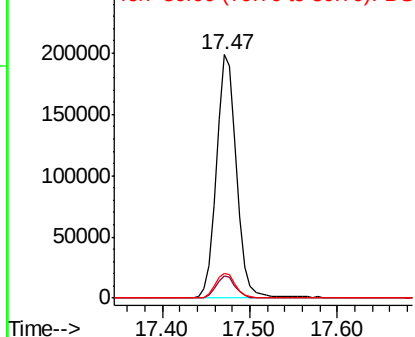
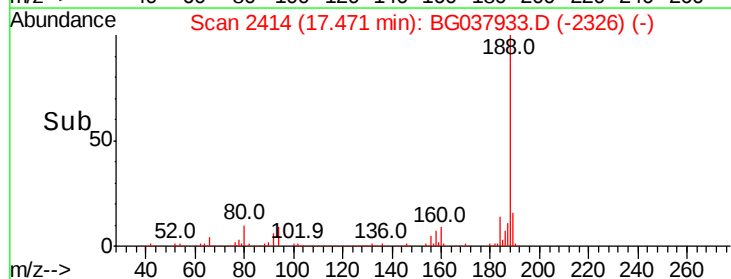


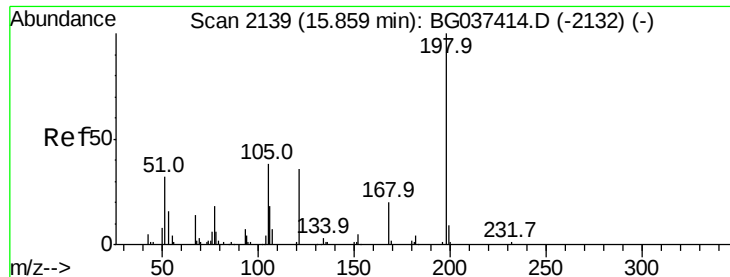
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2414
 Delta R.T. -0.01 min
 Lab File: BG037933.D
 Acq: 9 Nov 2018 23:12

Tgt Ion:188 Resp: 317201
 Ion Ratio Lower Upper
 188 100
 94 8.9 7.2 10.8
 80 10.0 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

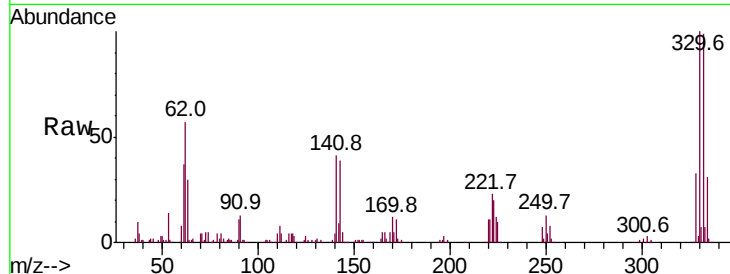




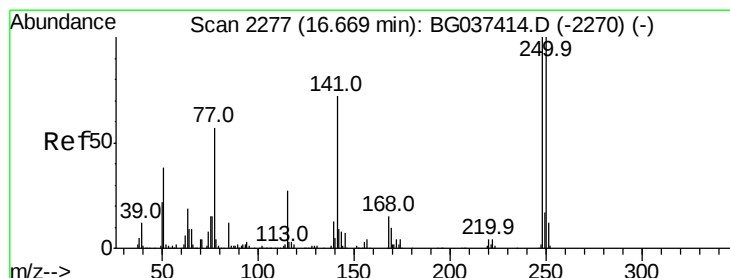
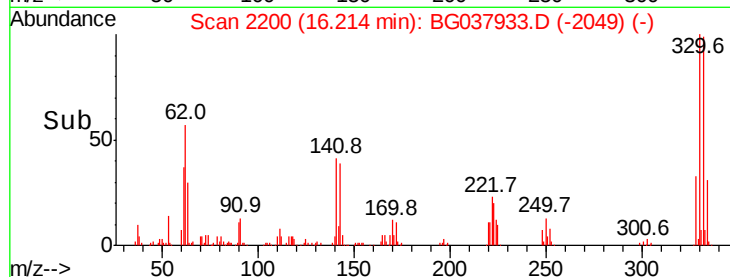
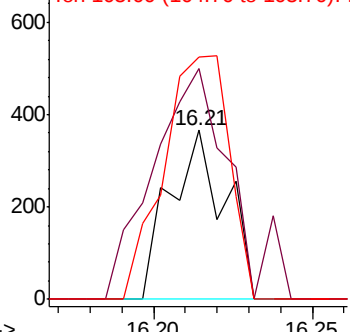
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.725 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. 0.36 min
 Lab File: BG037933.D
 Acq: 9 Nov 2018 23:12

Instrument :
 BNA_G
 ClientSampleId :
 TP-8A-D

Tot Ion:198 Resp: 441
 Ion Ratio Lower Upper
 198 100
 51 33.9 22.7 62.7
 105 35.5 19.7 59.7

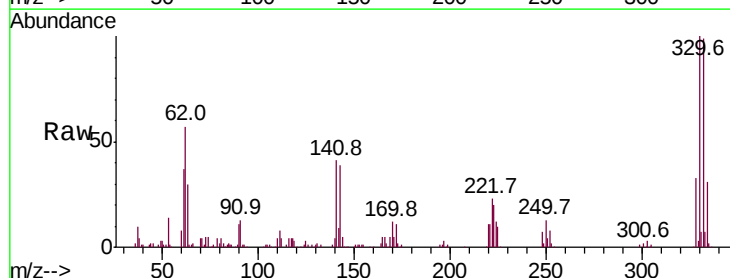


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG0
 Ion 105.00 (104.70 to 105.70): E

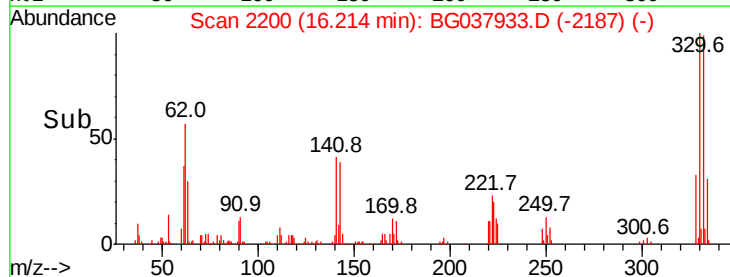
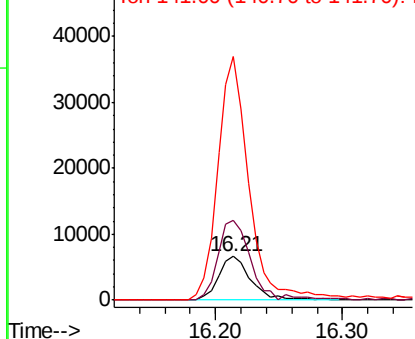


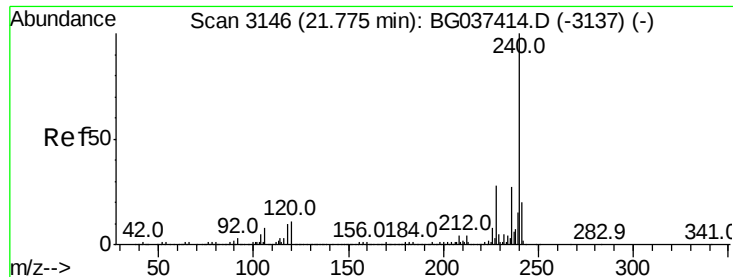
#67
 4-Bromophenyl-phenylether
 Concen: 3.336 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.46 min
 Lab File: BG037933.D
 Acq: 9 Nov 2018 23:12

Tgt Ion:248 Resp: 11622
 Ion Ratio Lower Upper
 248 100
 250 182.3 77.0 115.6#
 141 431.5 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

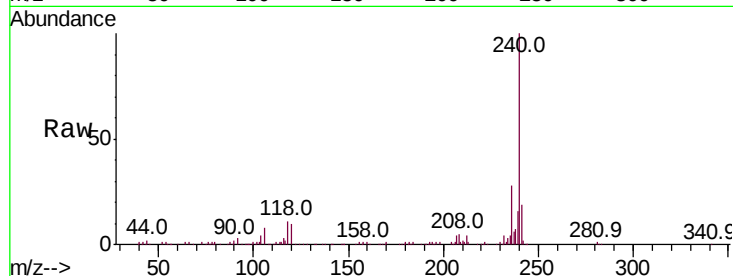




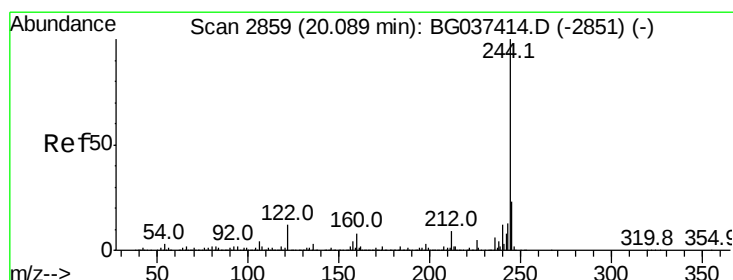
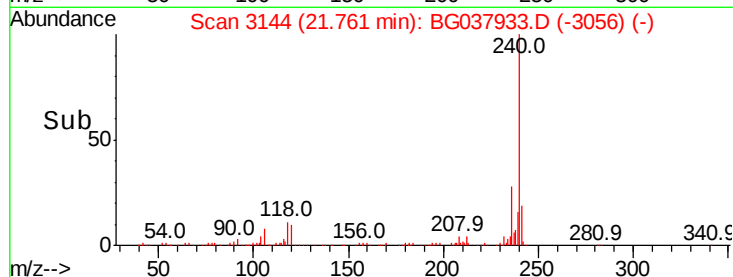
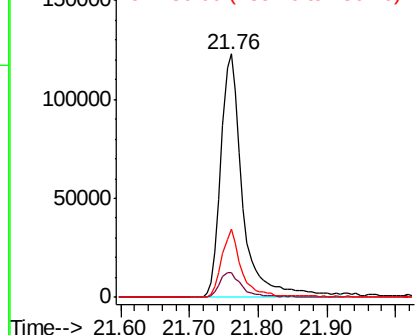
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG037933.D
Acq: 9 Nov 2018 23:12

Instrument :
BNA_G
ClientSampleId :
TP-8A-D

Tot Ion:240 Resp: 272453
Ion Ratio Lower Upper
240 100
120 10.2 8.1 12.1
236 27.8 21.4 32.0

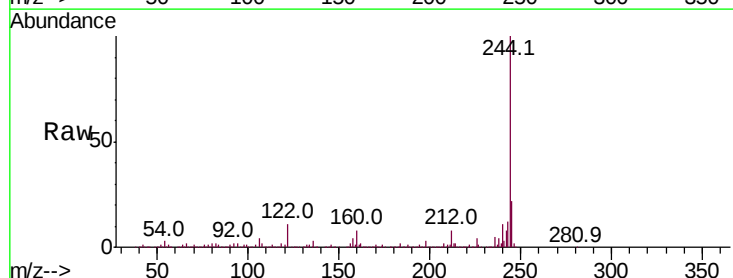


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

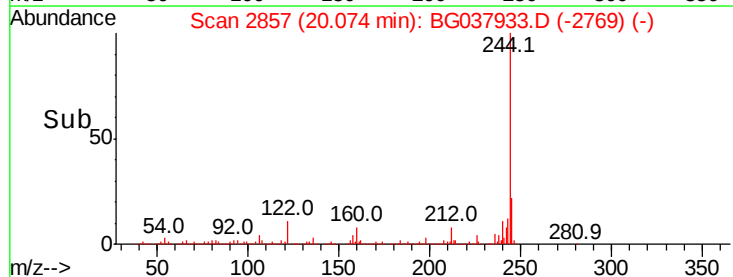
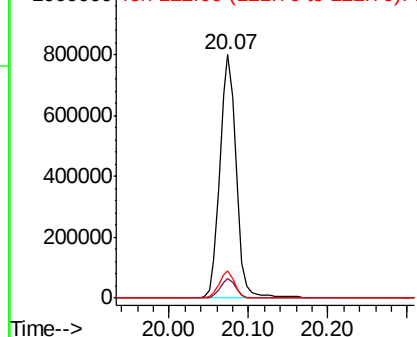


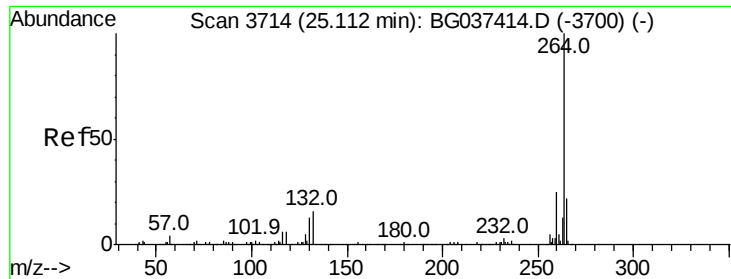
#79
Terphenyl-d14
Concen: 89.924 ng
RT: 20.07 min Scan# 2857
Delta R.T. -0.01 min
Lab File: BG037933.D
Acq: 9 Nov 2018 23:12

Tgt Ion:244 Resp: 1146600
Ion Ratio Lower Upper
244 100
212 8.1 6.5 9.7
122 11.1 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: 25.10 min Scan# 3712
Delta R.T. -0.01 min
Lab File: BG037933.D
Acq: 9 Nov 2018 23:12

Instrument :
BNA_G
ClientSampleId :
TP-8A-D

Tot Ion	Ratio	Lower	Upper
264	100		
260	19.9	18.2	27.4
265	20.4	17.9	26.9

