

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110918\
 Data File : BG037934.D
 Acq On : 9 Nov 2018 23:51
 Operator : JU/SJ
 Sample : J5863-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RT-3263

Quant Time: Nov 12 06:11:38 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

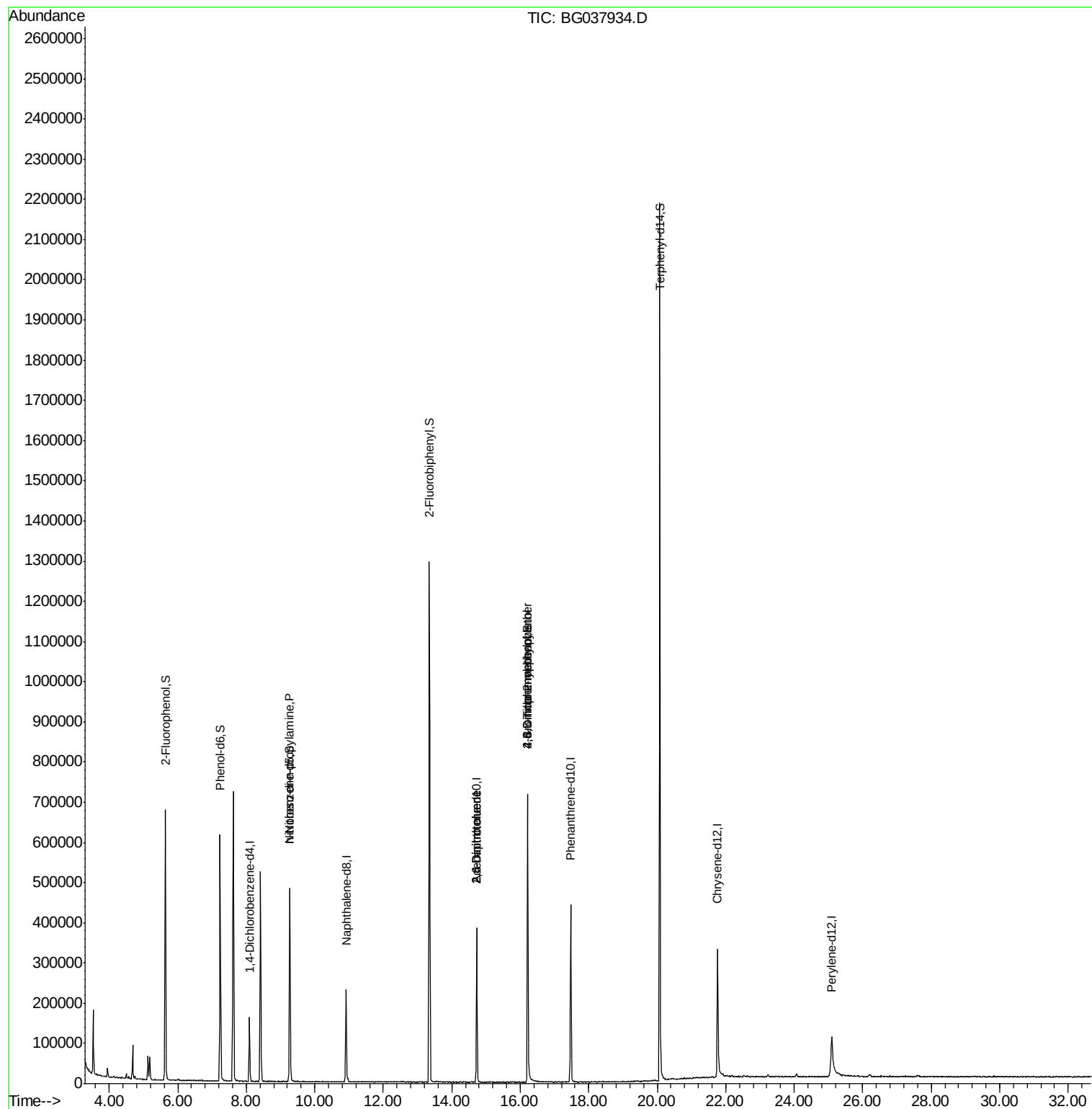
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	48099	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	207007	20.00	ng	-0.02
39) Acenaphthene-d10	14.73	164	135408	20.00	ng	-0.02
64) Phenanthrene-d10	17.48	188	299724	20.00	ng	0.00
76) Chrysene-d12	21.76	240	254644	20.00	ng	-0.02
87) Perylene-d12	25.10	264	181170	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	310027	107.76	ng	0.00
7) Phenol-d6	7.24	99	402935	92.62	ng	-0.02
23) Nitrobenzene-d5	9.27	82	310761	84.10	ng	-0.02
42) 2,4,6-Tribromophenol	16.21	330	142306	96.36	ng	-0.02
45) 2-Fluorobiphenyl	13.35	172	721724	80.37	ng	-0.02
79) Terphenyl-d14	20.07	244	1087391	91.25	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.27	70	39128	13.061	ng	# 75
51) 2,6-Dinitrotoluene	14.73	165	18070	7.798	ng	# 26
57) 2,4-Dinitrotoluene	14.73	165	18070	5.940	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.21	198	451	8.743	ng	76
67) 4-Bromophenyl-phenylether	16.21	248	10437	3.171	ng	# 1

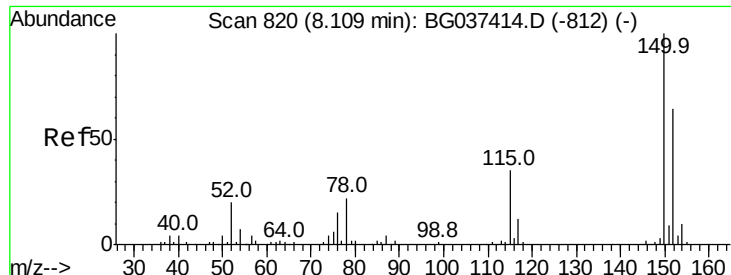
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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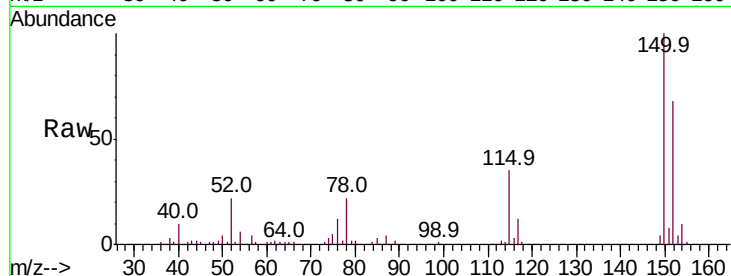


#1

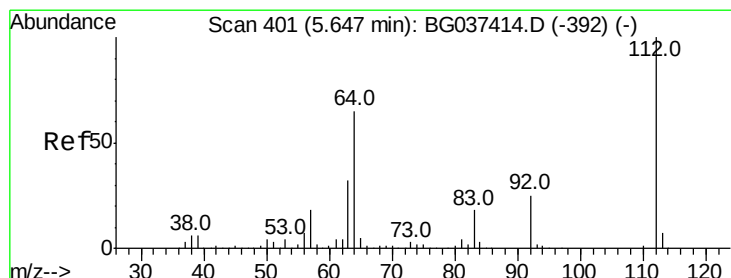
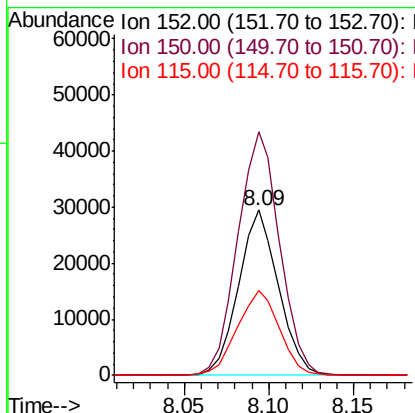
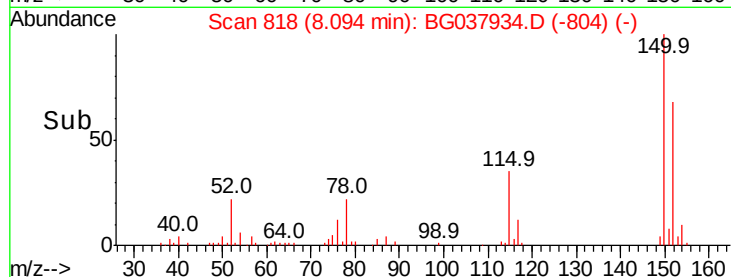
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.02 min
Lab File: BG037934.D
Acq: 9 Nov 2018 23:51

Instrument :
BNA_G
ClientSampleId :
RT-3263

Tot Ion:152 Resp: 48099
Ion Ratio Lower Upper
152 100
150 147.4 126.0 189.0
115 51.4 45.5 68.3



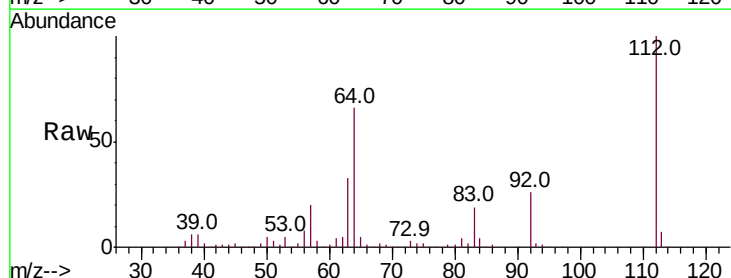
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



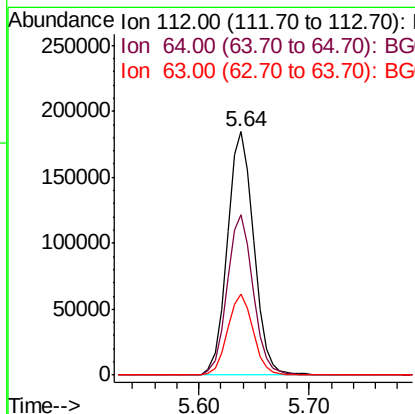
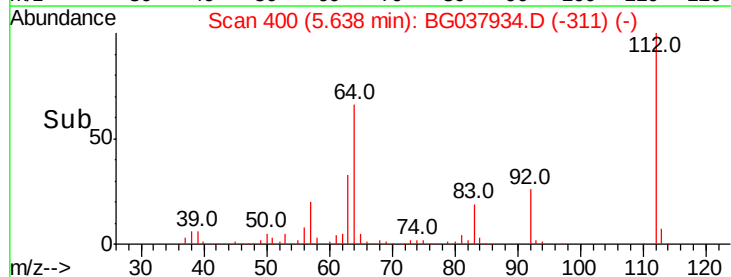
#5

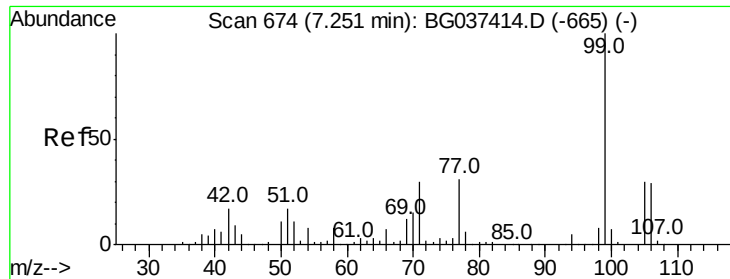
2-Fluorophenol
Concen: 107.761 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037934.D
Acq: 9 Nov 2018 23:51

Tgt Ion:112 Resp: 310027
Ion Ratio Lower Upper
112 100
64 66.1 53.1 79.7
63 33.4 27.3 40.9



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: 92.621 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.02 min

Lab File: BG037934.D

Acq: 9 Nov 2018 23:51

Instrument :

BNA_G

ClientSampleID :

RT-3263

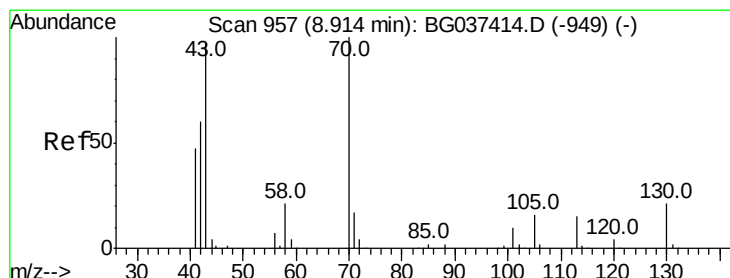
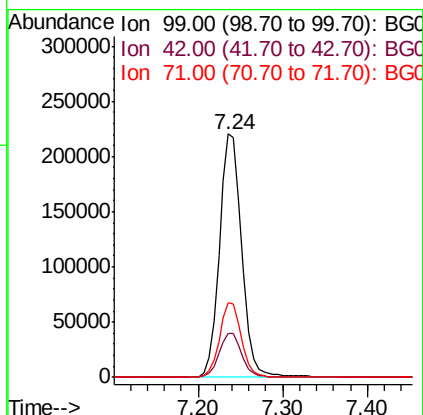
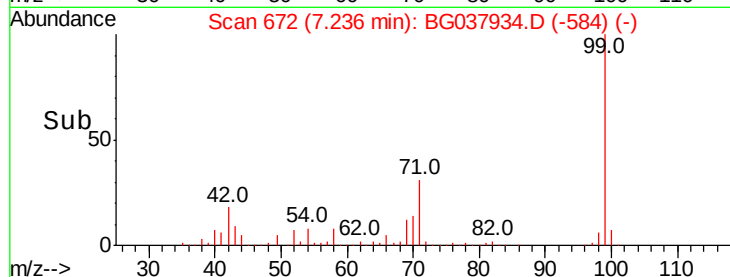
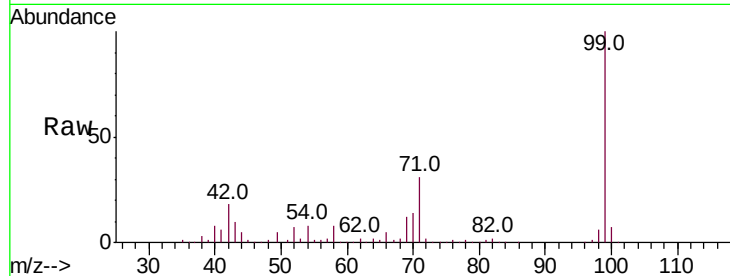
Tot Ion: 99 Resp: 402935

Ion Ratio Lower Upper

99 100

42 18.0 15.0 22.4

71 30.6 25.5 38.3



#19

n-Nitroso-di-n-propylamine

Concen: 13.061 ng

RT: 9.27 min Scan# 1018

Delta R.T. 0.36 min

Lab File: BG037934.D

Acq: 9 Nov 2018 23:51

Tgt Ion: 70 Resp: 39128

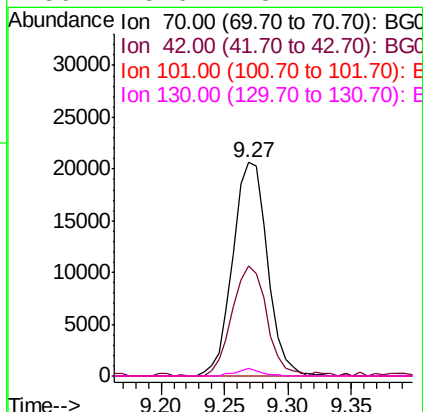
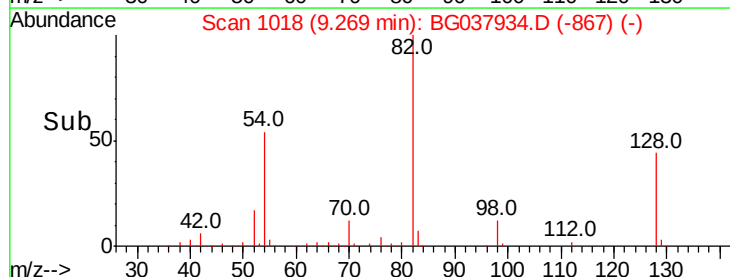
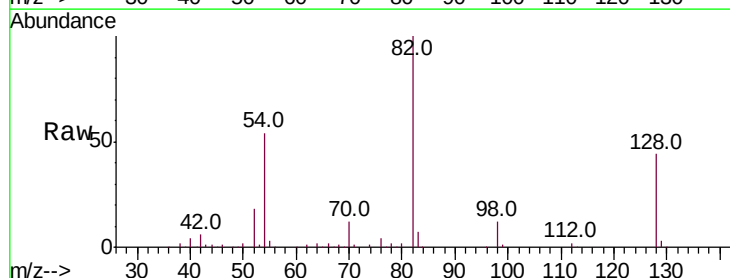
Ion Ratio Lower Upper

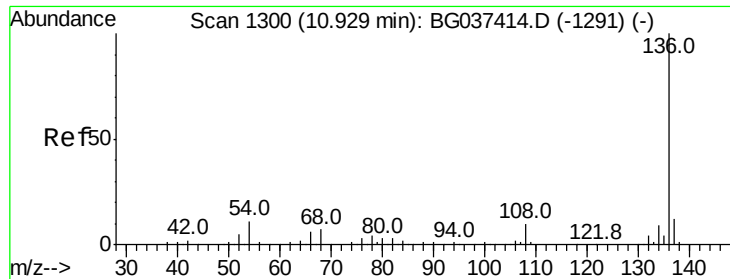
70 100

42 51.6 53.9 80.9#

101 0.0 8.2 12.2#

130 3.6 18.2 27.4#

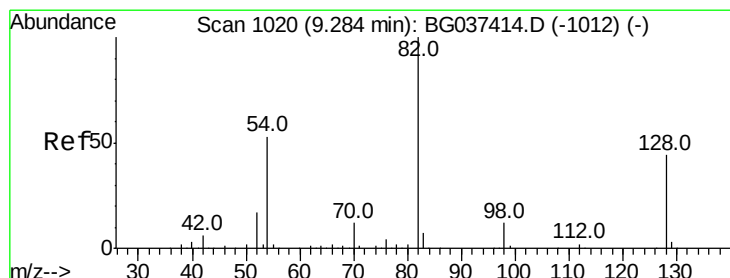
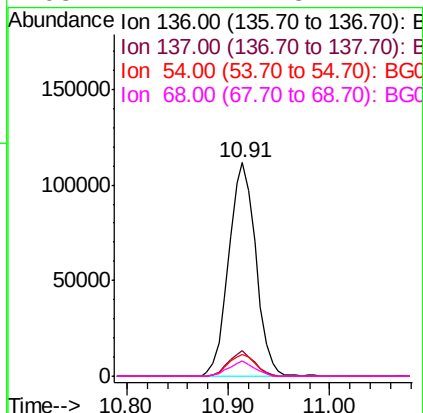
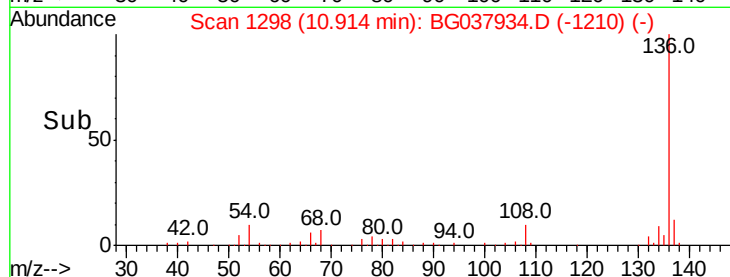
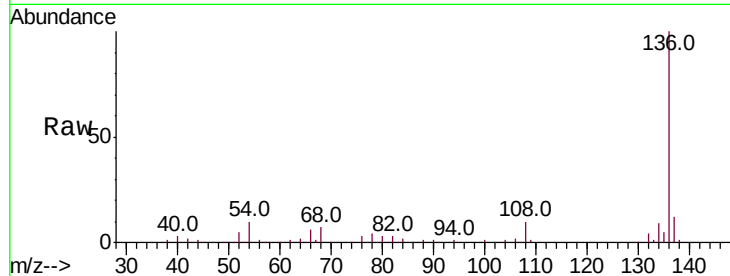




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BG037934.D
Acq: 9 Nov 2018 23:51

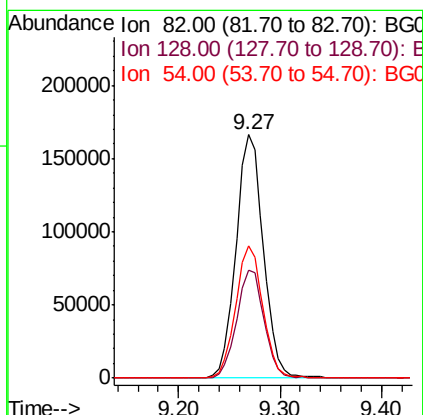
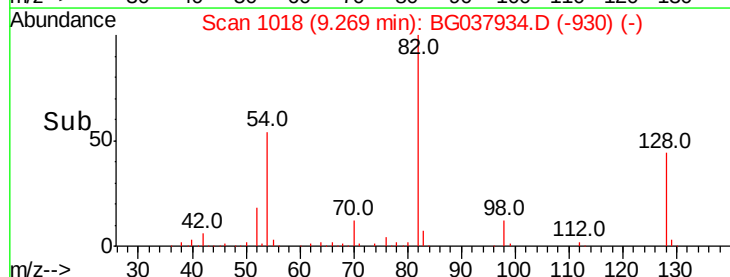
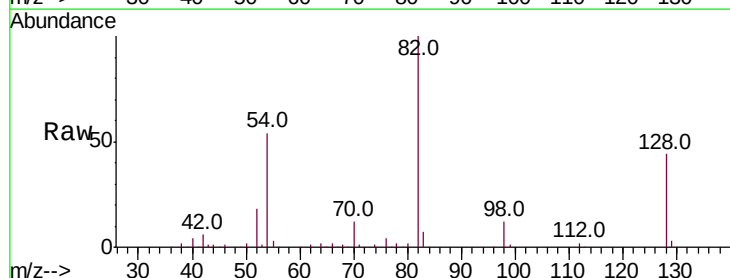
Instrument :
BNA_G
ClientSampleId :
RT-3263

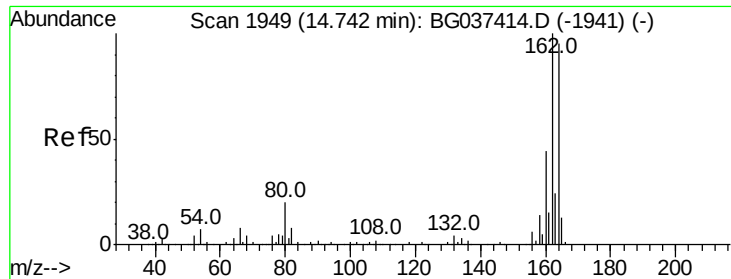
Tot Ion:	136	Resp:	207007
Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.6	14.4
54	10.4	7.9	11.9
68	7.1	4.8	7.2



#23
Nitrobenzene-d5
Concen: 84.096 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.02 min
Lab File: BG037934.D
Acq: 9 Nov 2018 23:51

Tgt Ion:	82	Resp:	310761
Ion	Ratio	Lower	Upper
82	100		
128	44.3	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: BG037934.D

Acq: 9 Nov 2018 23:51

Instrument :

BNA_G

ClientSampleId :

RT-3263

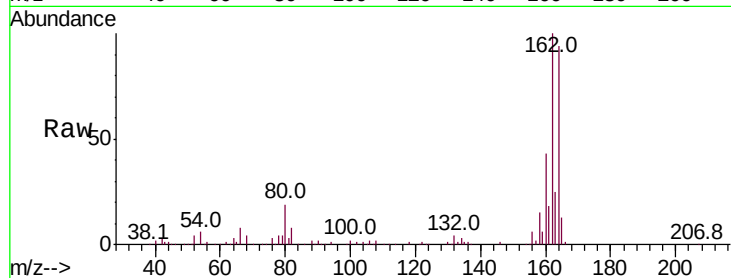
Tot Ion:164 Resp: 135408

Ion Ratio Lower Upper

164 100

162 105.9 81.3 121.9

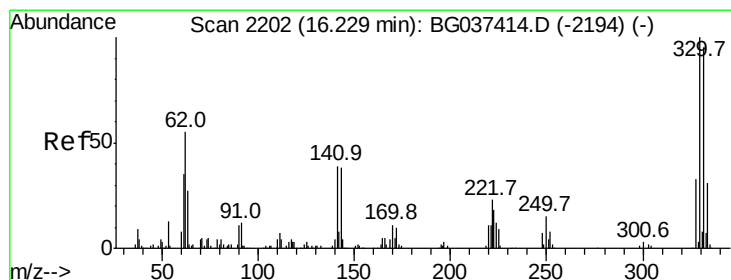
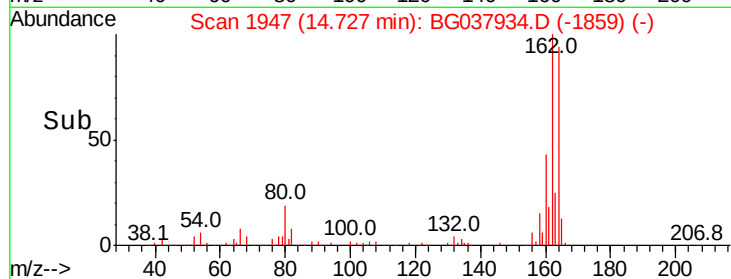
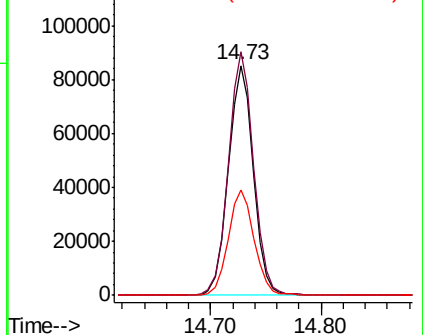
160 45.7 36.3 54.5



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: 96.356 ng

RT: 16.21 min Scan# 2200

Delta R.T. -0.02 min

Lab File: BG037934.D

Acq: 9 Nov 2018 23:51

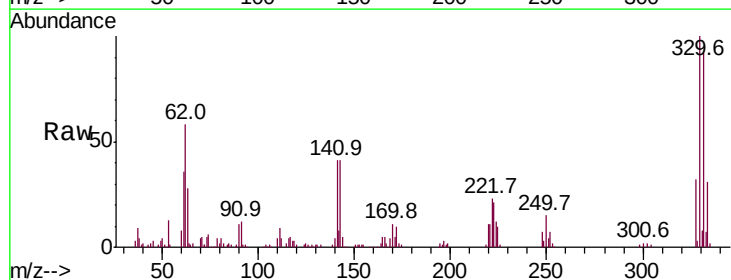
Tgt Ion:330 Resp: 142306

Ion Ratio Lower Upper

330 100

332 95.5 78.4 117.6

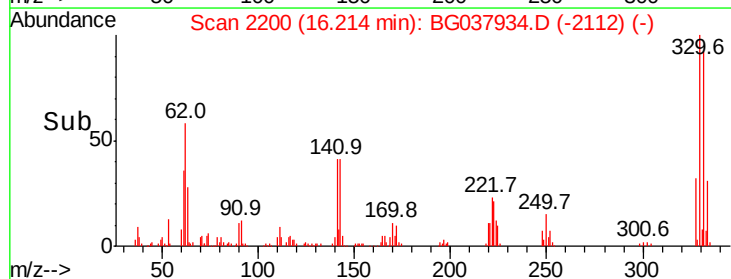
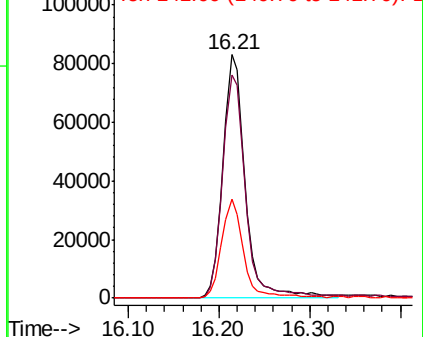
141 39.6 32.2 48.2

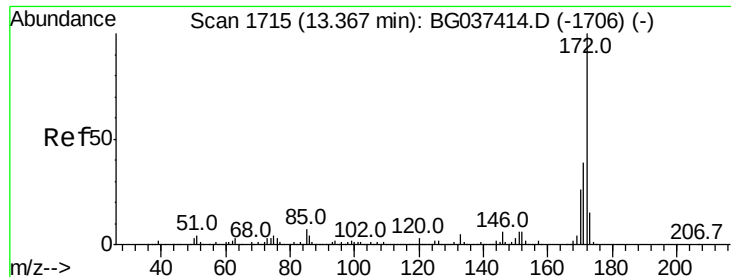


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

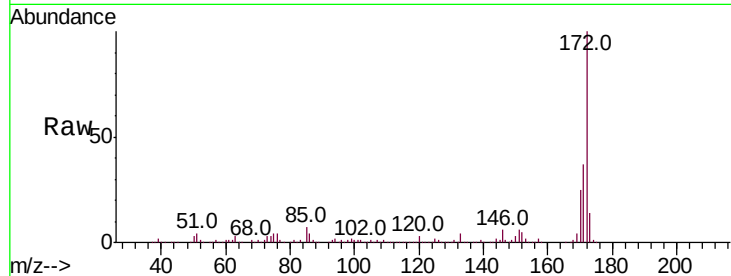




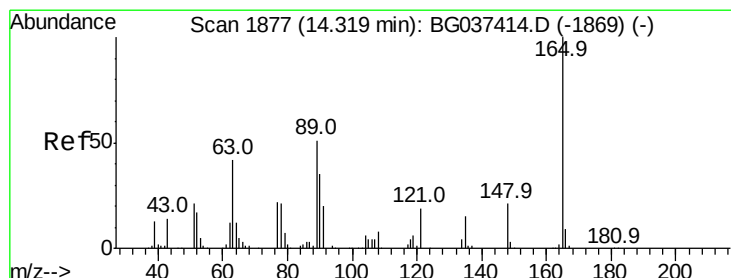
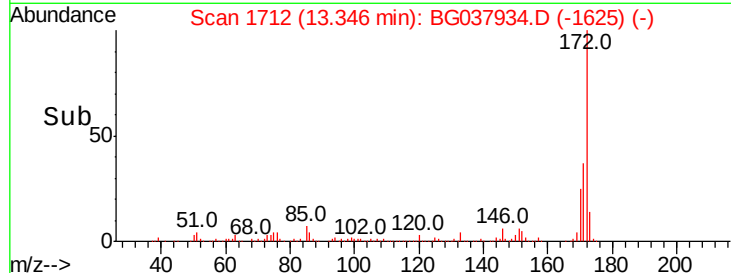
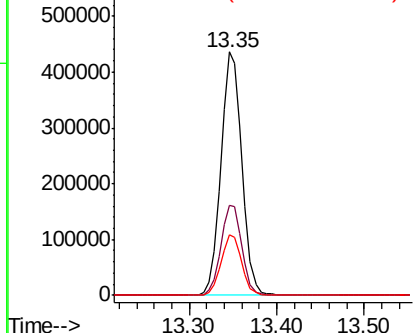
#45
2-Fluorobiphenyl
Concen: 80.373 ng
RT: 13.35 min Scan# 1712
Delta R.T. -0.02 min
Lab File: BG037934.D
Acq: 9 Nov 2018 23:51

Instrument :
BNA_G
ClientSampled :
RT-3263

Tot Ion:172 Resp: 721724
Ion Ratio Lower Upper
172 100
171 37.0 31.0 46.4
170 25.1 20.2 30.2

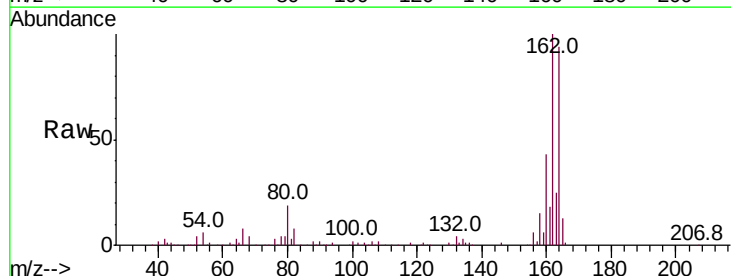


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

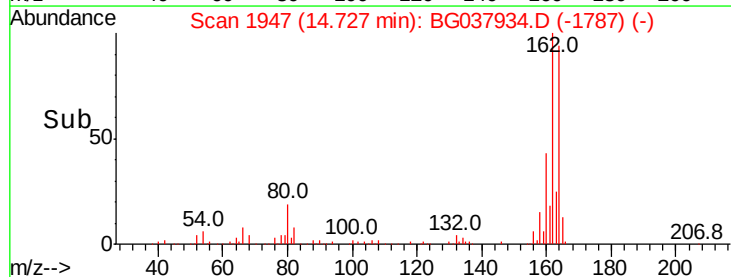
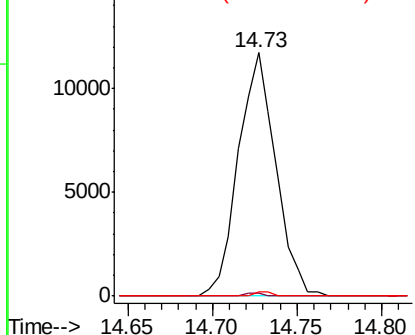


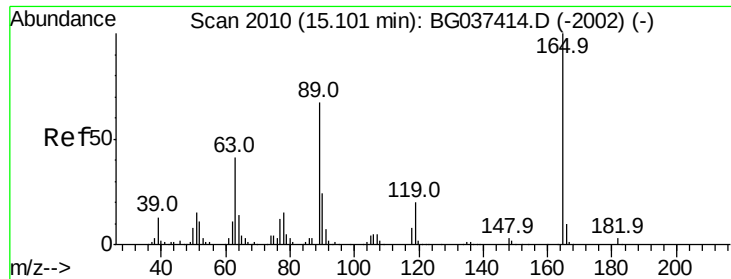
#51
2,6-Dinitrotoluene
Concen: 7.798 ng
RT: 14.73 min Scan# 1947
Delta R.T. 0.41 min
Lab File: BG037934.D
Acq: 9 Nov 2018 23:51

Tgt Ion:165 Resp: 18070
Ion Ratio Lower Upper
165 100
63 1.5 43.4 65.2#
89 1.9 45.8 68.6#



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

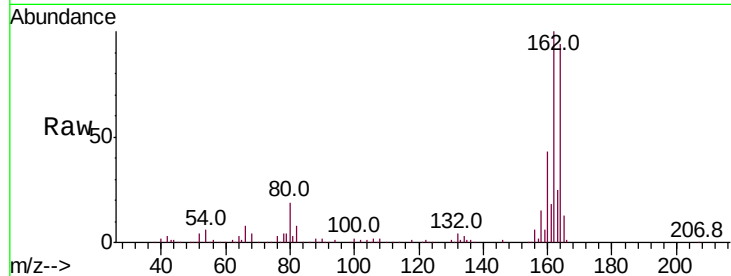




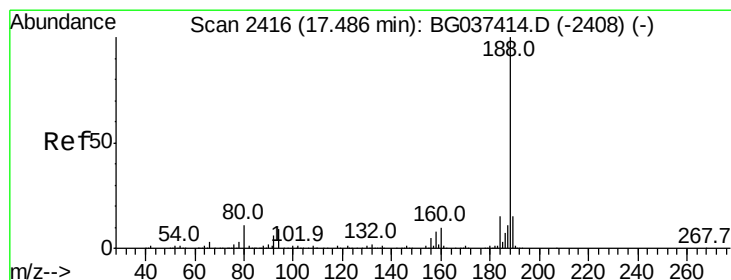
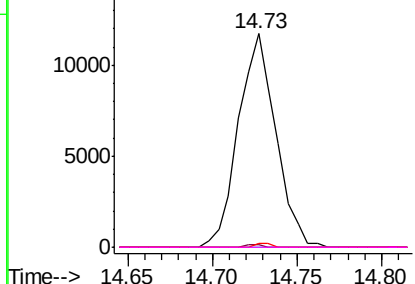
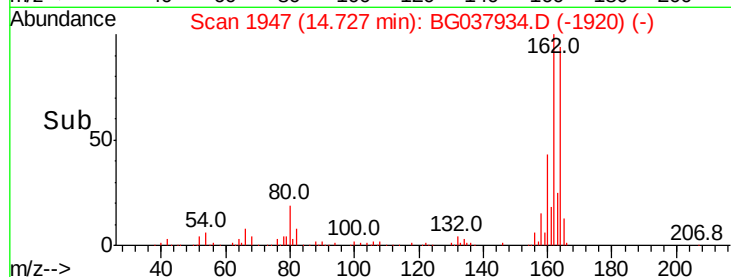
#57
 2,4-Dinitrotoluene
 Concen: 5.940 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.37 min
 Lab File: BG037934.D
 Acq: 9 Nov 2018 23:51

Instrument :
 BNA_G
 ClientSampleId :
 RT-3263

Tot Ion:165 Resp: 18070
 Ion Ratio Lower Upper
 165 100
 63 1.5 33.4 50.0#
 89 1.9 57.2 85.8#
 182 0.0 2.6 4.0#

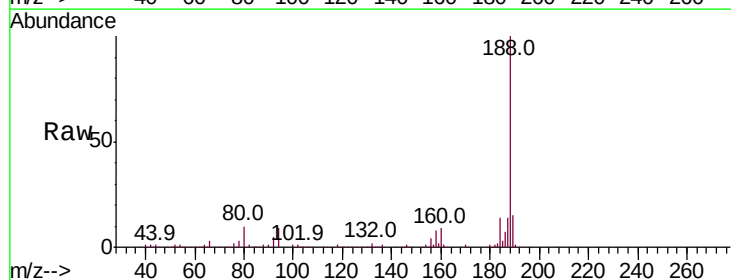


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

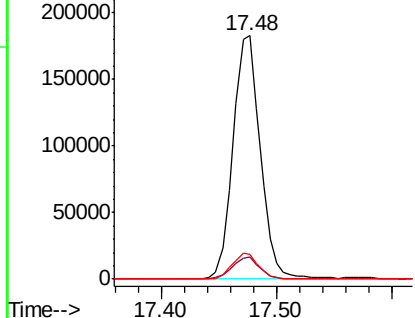
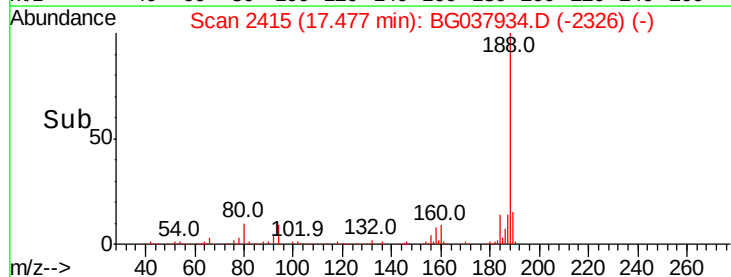


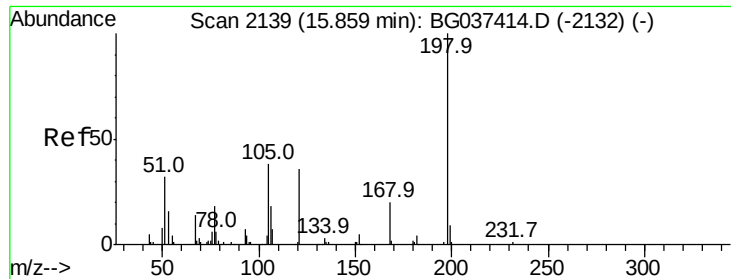
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2415
 Delta R.T. -0.01 min
 Lab File: BG037934.D
 Acq: 9 Nov 2018 23:51

Tgt Ion:188 Resp: 299724
 Ion Ratio Lower Upper
 188 100
 94 9.1 7.2 10.8
 80 10.1 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





#65

4,6-Dinitro-2-methylphenol

Concen: 8.743 ng

RT: 16.21 min Scan# 2200

Delta R.T. 0.36 min

Lab File: BG037934.D

Acq: 9 Nov 2018 23:51

Instrument :

BNA_G

ClientSampleId :

RT-3263

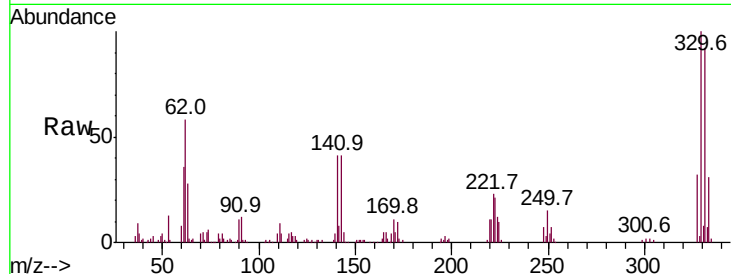
Tot Ion:198 Resp: 451

Ion Ratio Lower Upper

198 100

51 30.1 22.7 62.7

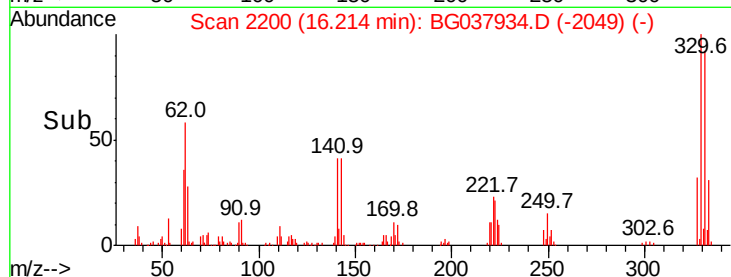
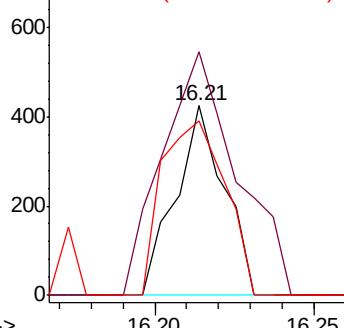
105 21.6 19.7 59.7



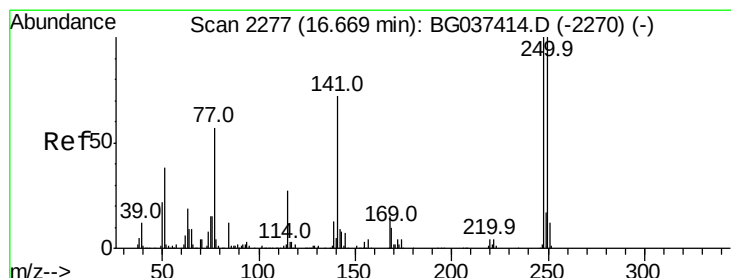
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



Time-->



#67

4-Bromophenyl-phenylether

Concen: 3.171 ng

RT: 16.21 min Scan# 2200

Delta R.T. -0.46 min

Lab File: BG037934.D

Acq: 9 Nov 2018 23:51

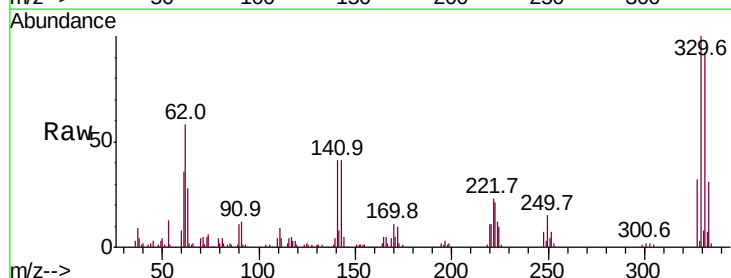
Tgt Ion:248 Resp: 10437

Ion Ratio Lower Upper

248 100

250 193.6 77.0 115.6#

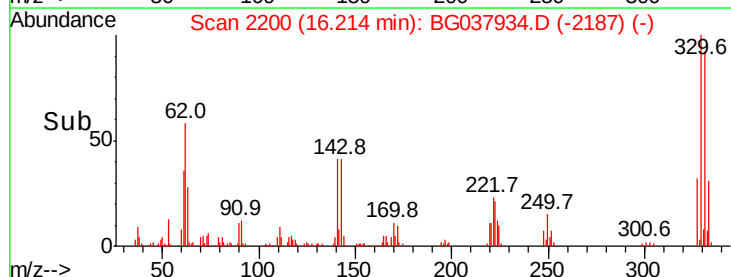
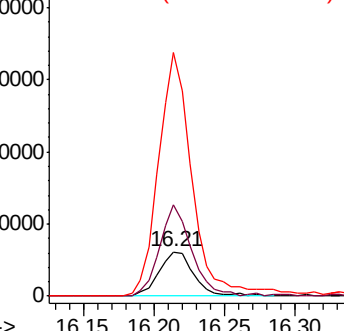
141 407.9 55.5 83.3#



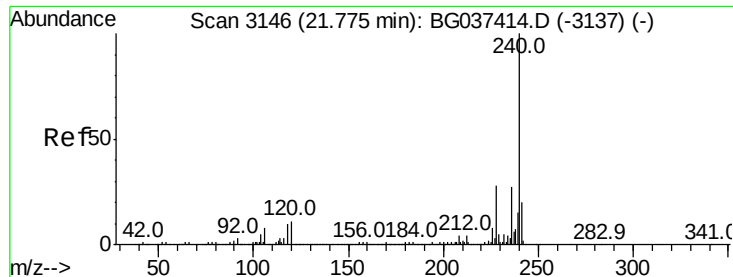
Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3144

Delta R.T. -0.02 min

Lab File: BG037934.D

Acq: 9 Nov 2018 23:51

Instrument :

BNA_G

ClientSampleId :

RT-3263

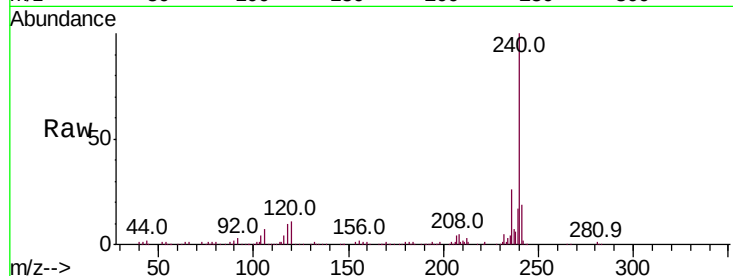
Tot Ion:240 Resp: 254644

Ion Ratio Lower Upper

240 100

120 11.1 8.1 12.1

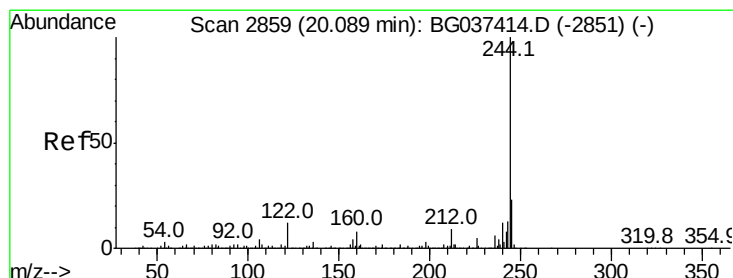
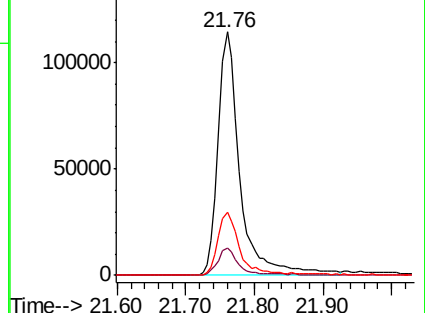
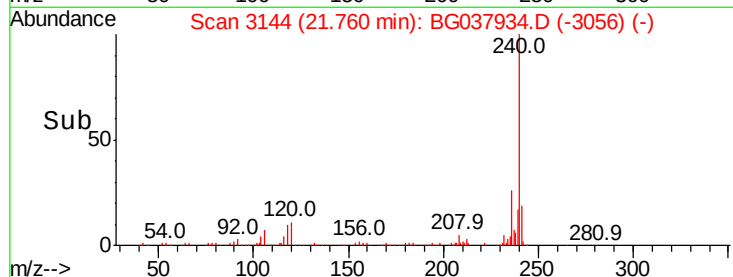
236 26.1 21.4 32.0



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: 91.245 ng

RT: 20.07 min Scan# 2857

Delta R.T. -0.02 min

Lab File: BG037934.D

Acq: 9 Nov 2018 23:51

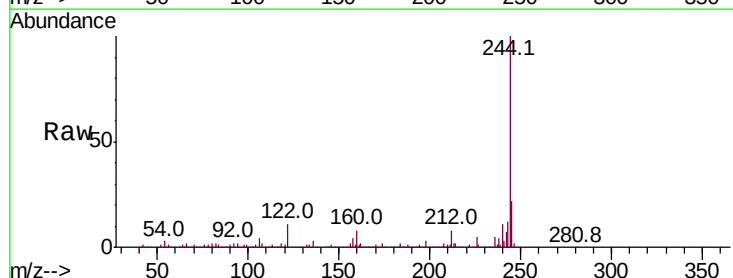
Tgt Ion:244 Resp: 1087391

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

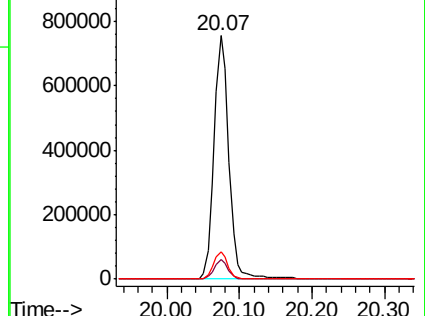
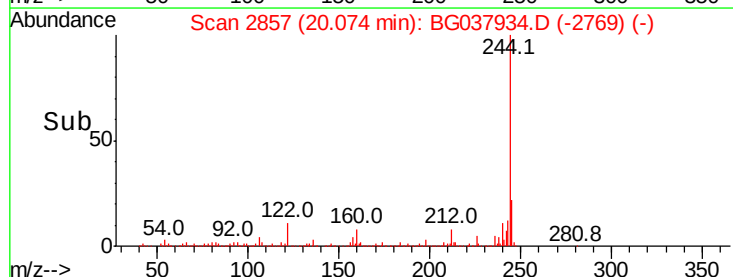
122 11.1 9.0 13.4

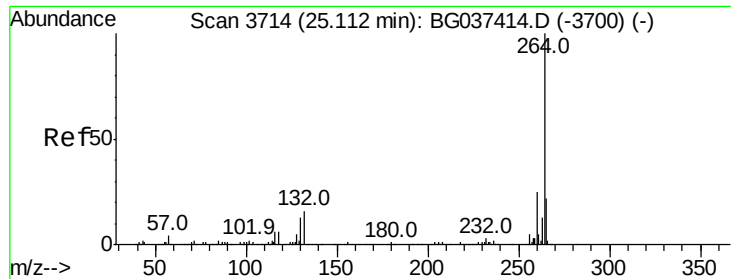


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



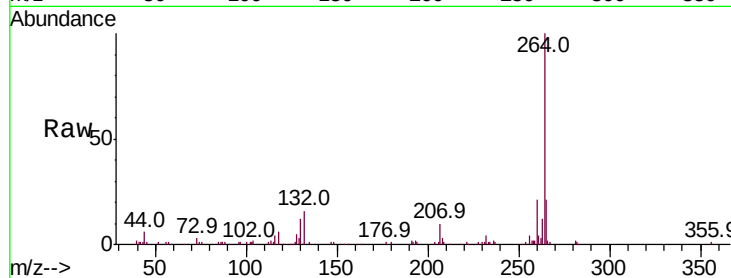


#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.02 min
Lab File: BG037934.D
Acq: 9 Nov 2018 23:51

Instrument :
BNA_G
ClientSampleId :
RT-3263

Tot Ion:264 Resp: 181170

Ion	Ratio	Lower	Upper
264	100		
260	21.2	18.2	27.4
265	20.7	17.9	26.9



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

