

Data File : BG037809.D
Acq On : 5 Nov 2018 19:05
Operator : JU/SJ
Sample : PB114440TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB114440TB

Quant Time: Nov 06 04:16:36 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

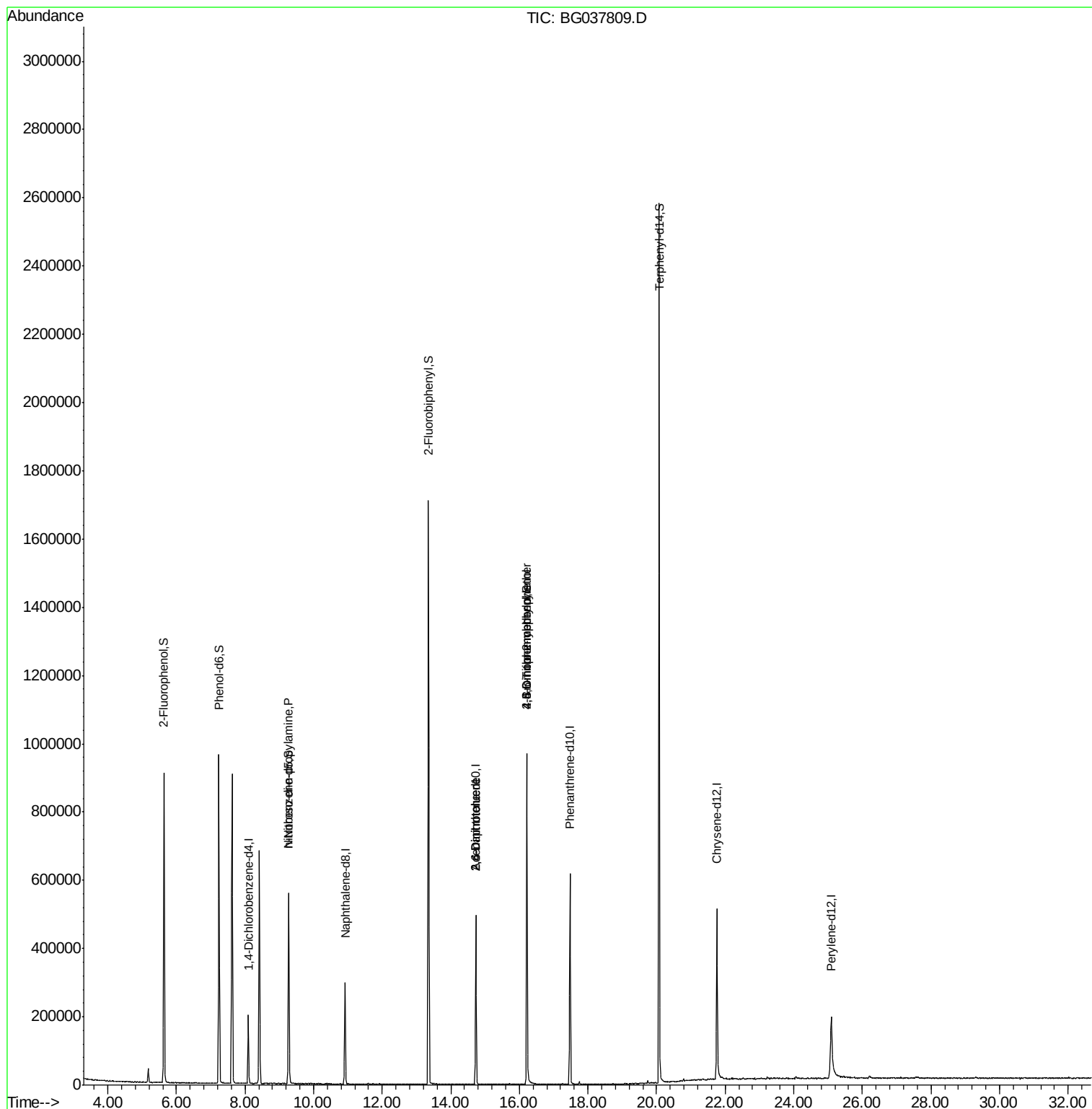
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	60249	20.00	ng	-0.01
21) Naphthalene-d8	10.92	136	269070	20.00	ng	-0.01
39) Acenaphthene-d10	14.73	164	181018	20.00	ng	-0.01
64) Phenanthrene-d10	17.47	188	397140	20.00	ng	-0.01
76) Chrysene-d12	21.76	240	358569	20.00	ng	-0.02
87) Perylene-d12	25.09	264	296730	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	429359	119.14	ng	-0.01
7) Phenol-d6	7.24	99	613903	112.66	ng	-0.01
23) Nitrobenzene-d5	9.27	82	367240	76.46	ng	-0.01
42) 2,4,6-Tribromophenol	16.22	330	190448	96.46	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	935776	77.95	ng	-0.02
79) Terphenyl-d14	20.08	244	1298253	77.36	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.27	70	45773	12.198	ng	# 74
51) 2,6-Dinitrotoluene	14.73	165	23478	7.579	ng	# 26
57) 2,4-Dinitrotoluene	14.73	165	23478	5.773	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.22	198	286	8.620	ng	79
67) 4-Bromophenyl-phenylether	16.22	248	13801	3.164	ng	# 1

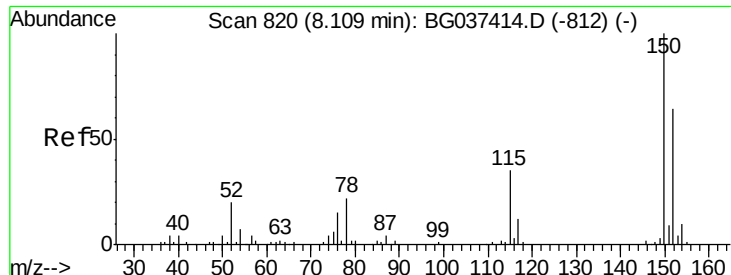
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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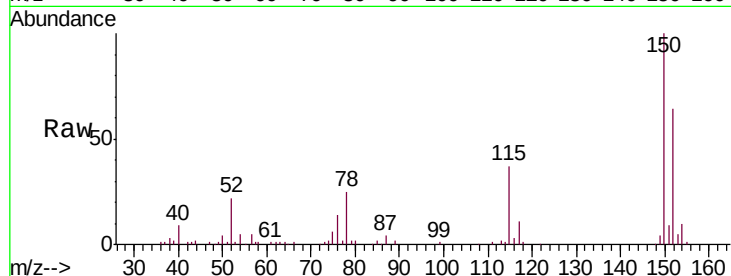


#1

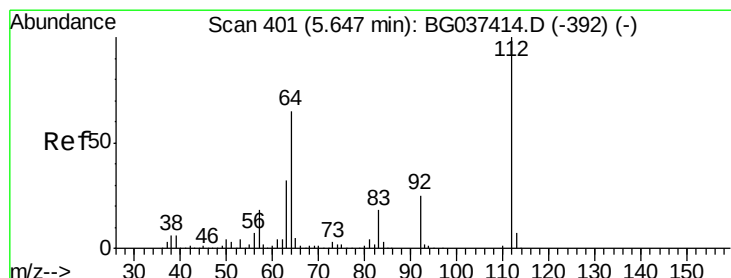
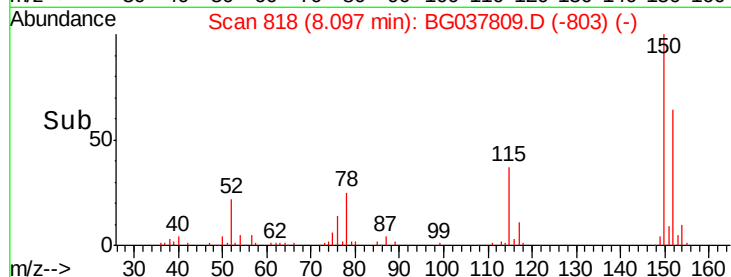
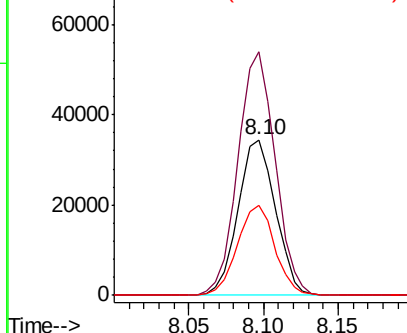
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG037809.D
Acq: 5 Nov 2018 19:05

Instrument :
BNA_G
ClientSampleId :
PB114440TB

Tgt Ion:152 Resp: 60249
Ion Ratio Lower Upper
152 100
150 156.7 126.0 189.0
115 58.1 45.5 68.3



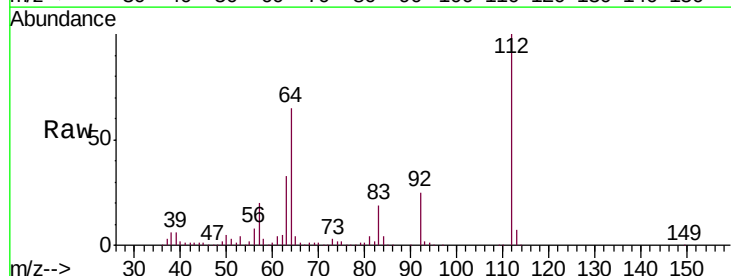
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



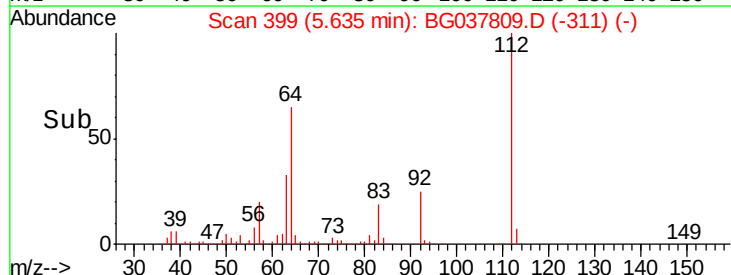
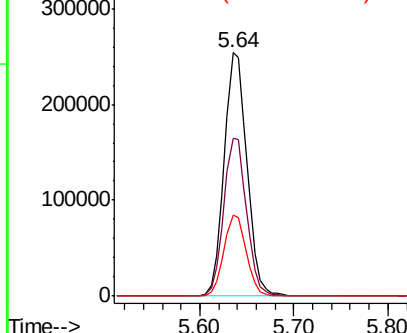
#5

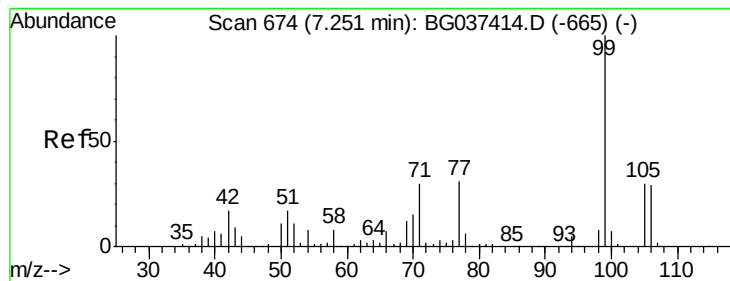
2-Fluorophenol
Concen: 119.143 ng
RT: 5.64 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG037809.D
Acq: 5 Nov 2018 19:05

Tgt Ion:112 Resp: 429359
Ion Ratio Lower Upper
112 100
64 65.1 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): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 112.658 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037809.D

Acq: 5 Nov 2018 19:05

Instrument :

BNA_G

ClientSampleId :

PB114440TB

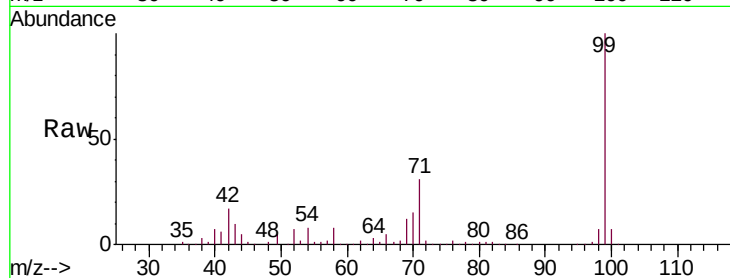
Tgt Ion: 99 Resp: 613903

Ion Ratio Lower Upper

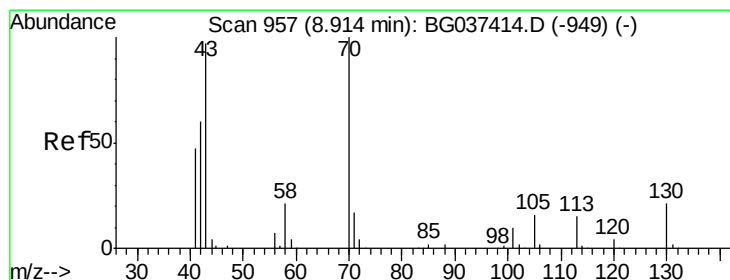
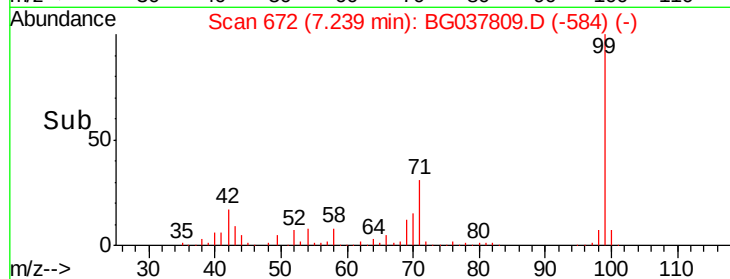
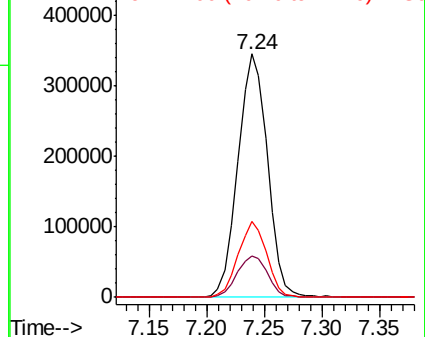
99 100

42 17.1 15.0 22.4

71 31.2 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: 12.198 ng

RT: 9.27 min Scan# 1018

Delta R.T. 0.36 min

Lab File: BG037809.D

Acq: 5 Nov 2018 19:05

Tgt Ion: 70 Resp: 45773

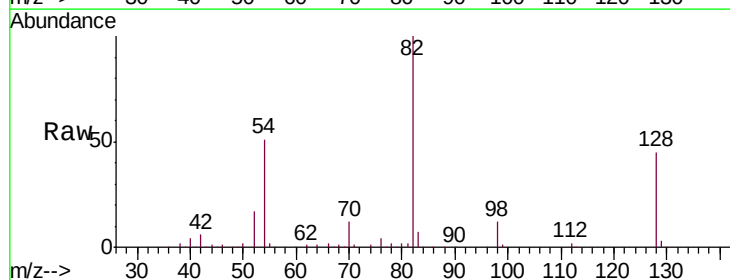
Ion Ratio Lower Upper

70 100

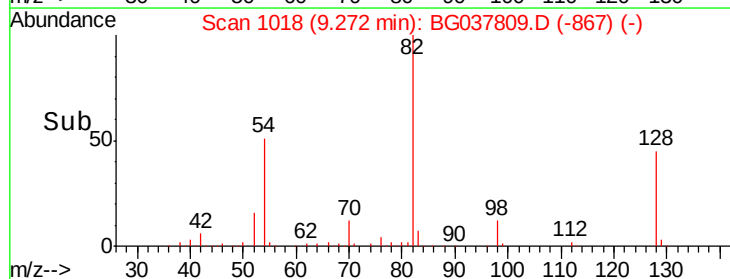
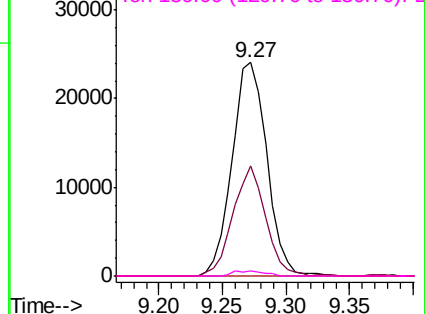
42 51.4 53.9 80.9#

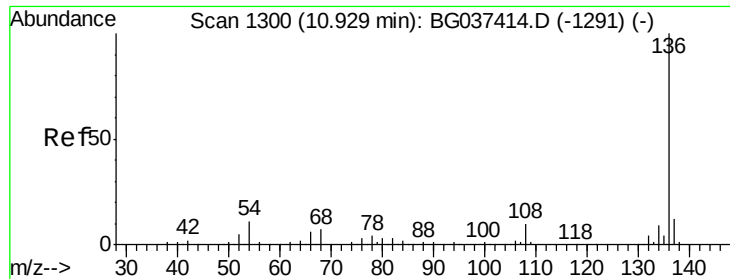
101 0.0 8.2 12.2#

130 2.7 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

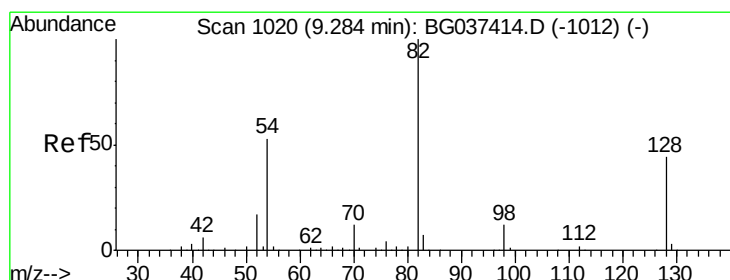
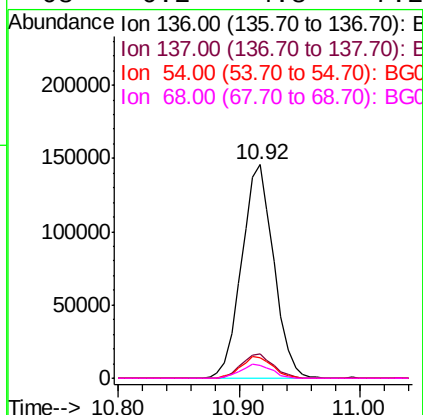
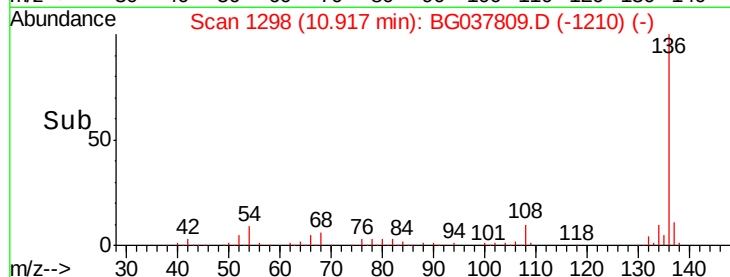
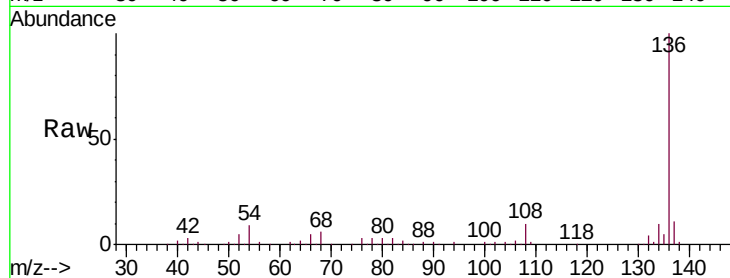




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG037809.D
Acq: 5 Nov 2018 19:05

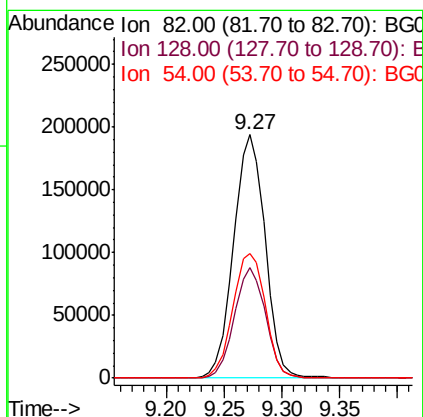
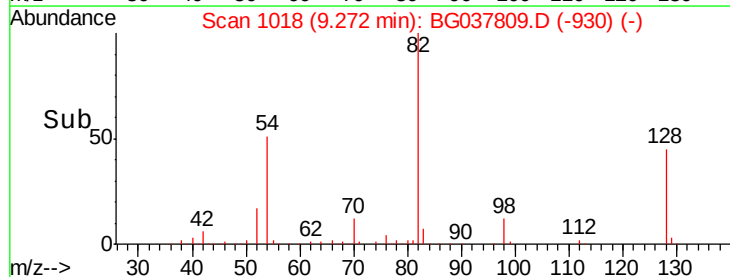
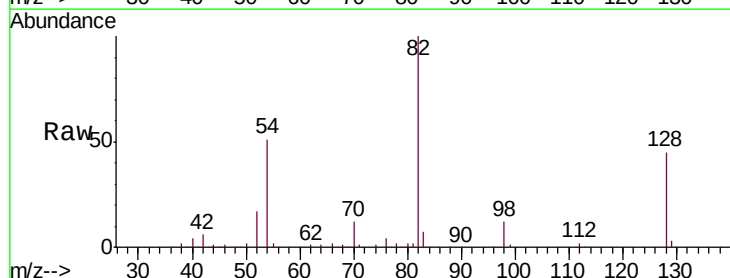
Instrument :
BNA_G
ClientSampleId :
PB114440TB

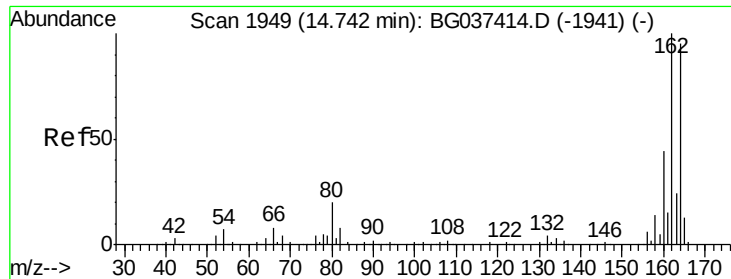
Tgt Ion:	136	Resp:	269070
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.6	14.4
54	9.5	7.9	11.9
68	6.2	4.8	7.2



#23
Nitrobenzene-d5
Concen: 76.457 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG037809.D
Acq: 5 Nov 2018 19:05

Tgt Ion:	82	Resp:	367240
Ion	Ratio	Lower	Upper
82	100		
128	45.4	34.6	51.8
54	51.4	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: BG037809.D

Acq: 5 Nov 2018 19:05

Instrument :

BNA_G

ClientSampleId :

PB114440TB

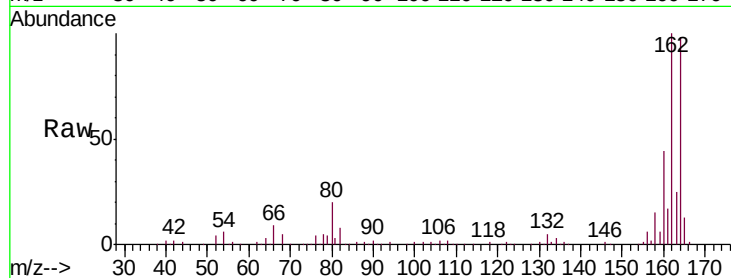
Tgt Ion:164 Resp: 181018

Ion Ratio Lower Upper

164 100

162 102.3 81.3 121.9

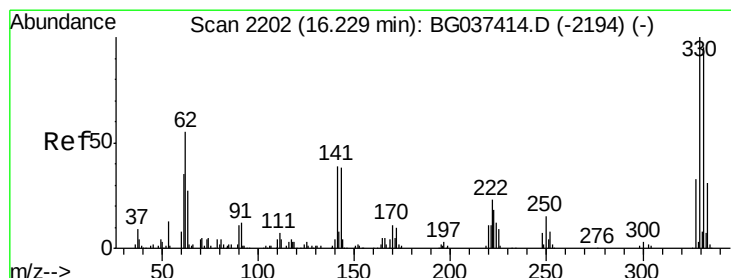
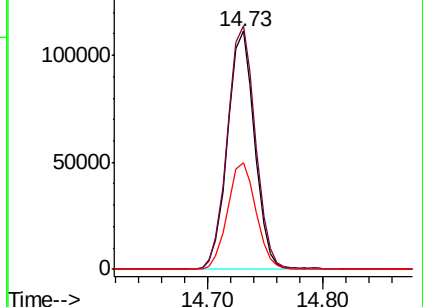
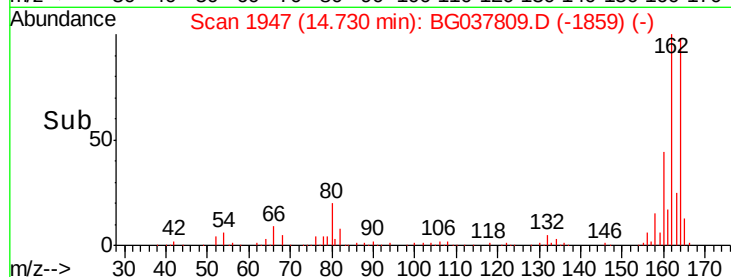
160 45.1 36.3 54.5



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: 96.461 ng

RT: 16.22 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BG037809.D

Acq: 5 Nov 2018 19:05

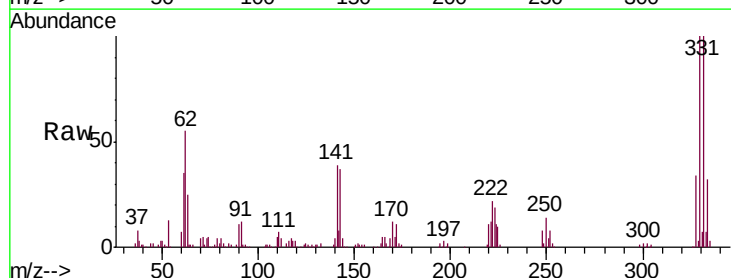
Tgt Ion:330 Resp: 190448

Ion Ratio Lower Upper

330 100

332 95.4 78.4 117.6

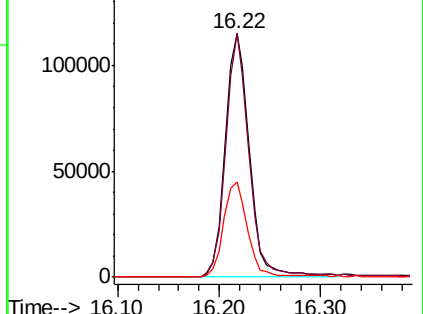
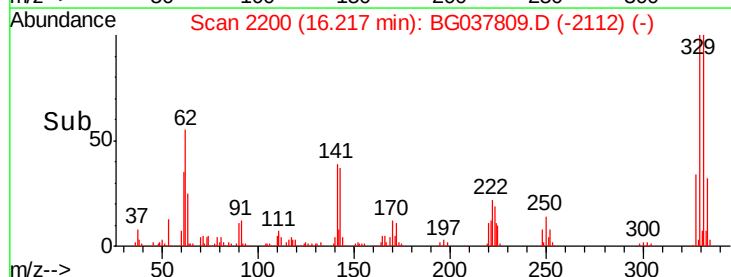
141 38.9 32.2 48.2

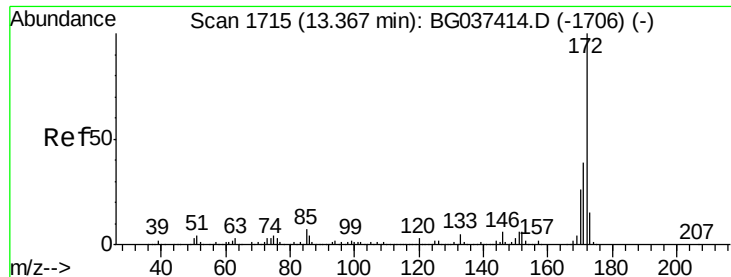


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

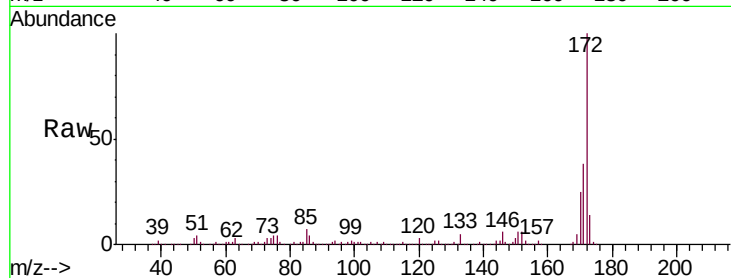




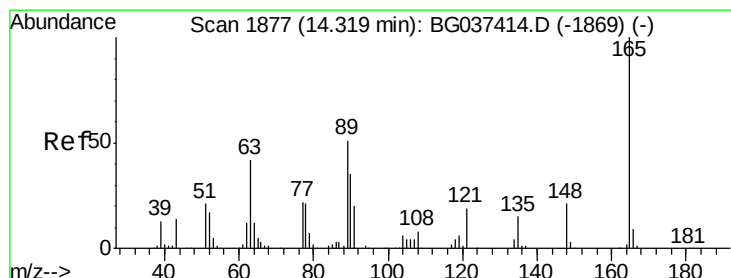
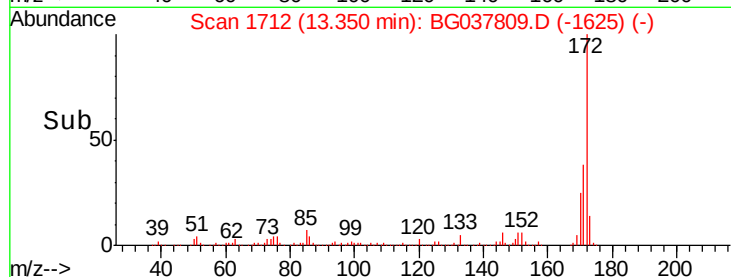
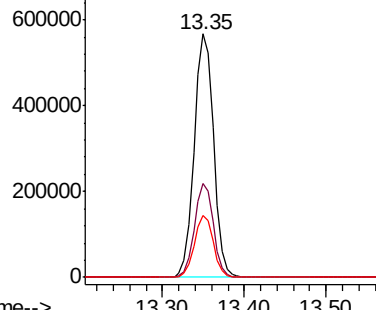
#45
2-Fluorobiphenyl
Concen: 77.953 ng
RT: 13.35 min Scan# 1712
Delta R.T. -0.02 min
Lab File: BG037809.D
Acq: 5 Nov 2018 19:05

Instrument :
BNA_G
ClientSampleId :
PB114440TB

Tgt Ion:172 Resp: 935776
Ion Ratio Lower Upper
172 100
171 38.4 31.0 46.4
170 25.3 20.2 30.2

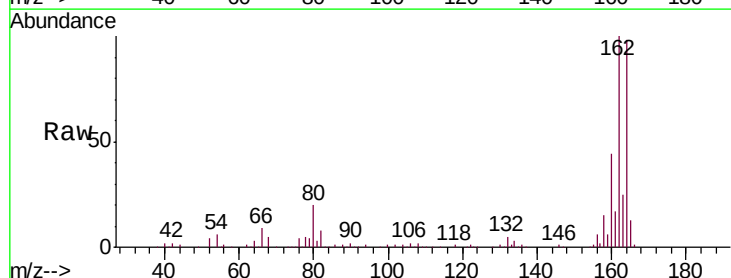


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

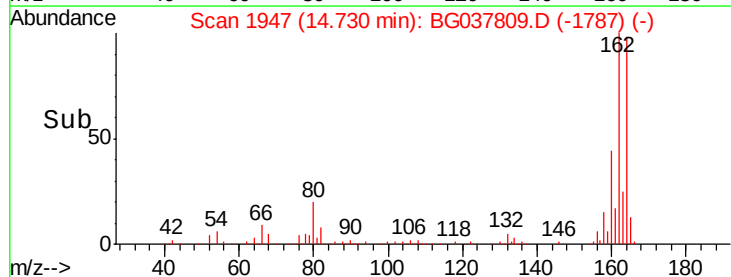
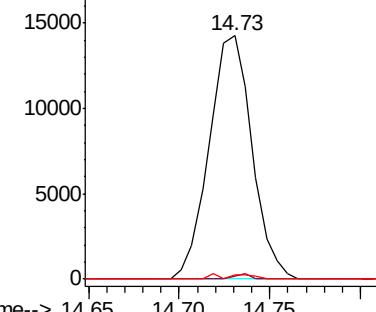


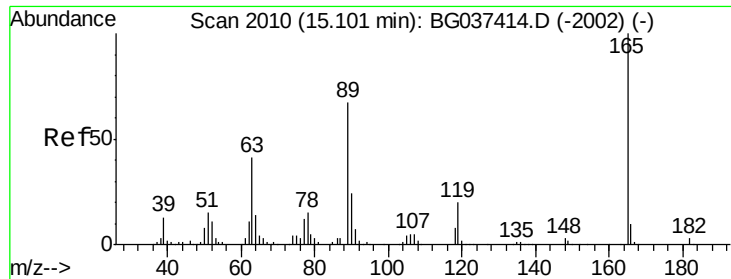
#51
2,6-Dinitrotoluene
Concen: 7.579 ng
RT: 14.73 min Scan# 1947
Delta R.T. 0.41 min
Lab File: BG037809.D
Acq: 5 Nov 2018 19:05

Tgt Ion:165 Resp: 23478
Ion Ratio Lower Upper
165 100
63 1.3 43.4 65.2#
89 1.8 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: 5.773 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.37 min

Lab File: BG037809.D

Acq: 5 Nov 2018 19:05

Instrument :

BNA_G

ClientSampleId :

PB114440TB

Tgt Ion:165 Resp: 23478

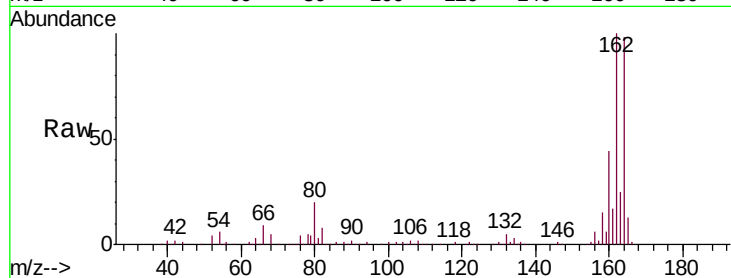
Ion Ratio Lower Upper

165 100

63 1.3 33.4 50.0#

89 1.8 57.2 85.8#

182 0.0 2.6 4.0#

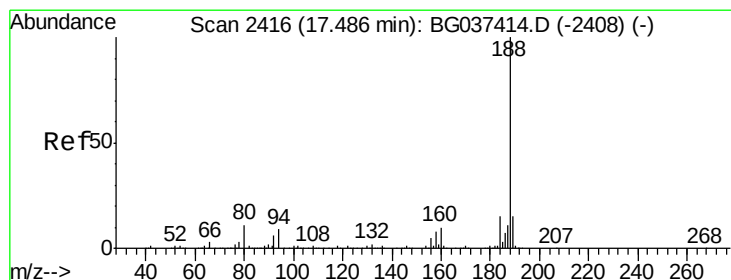
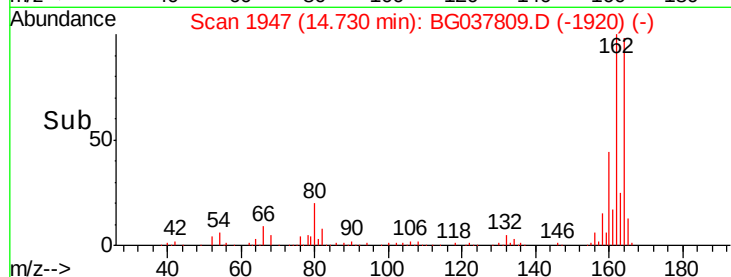
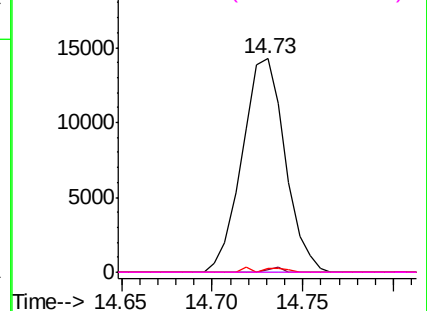


Abundance Ion 165.00 (164.70 to 165.70): E

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: BG037809.D

Acq: 5 Nov 2018 19:05

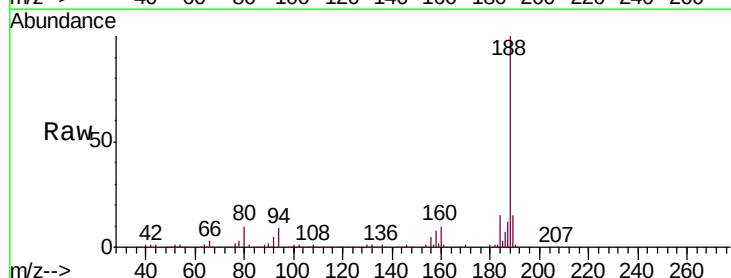
Tgt Ion:188 Resp: 397140

Ion Ratio Lower Upper

188 100

94 9.1 7.2 10.8

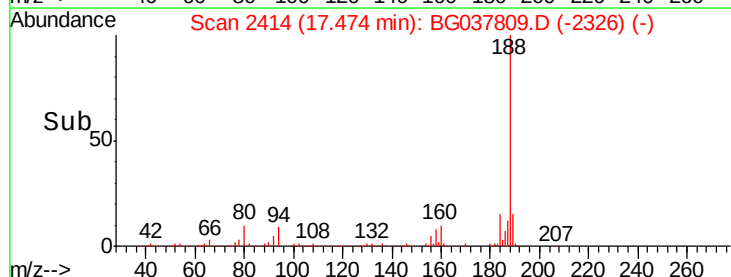
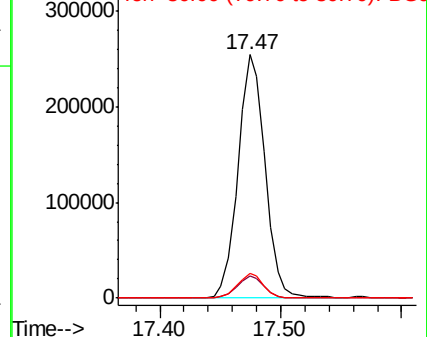
80 10.0 7.7 11.5

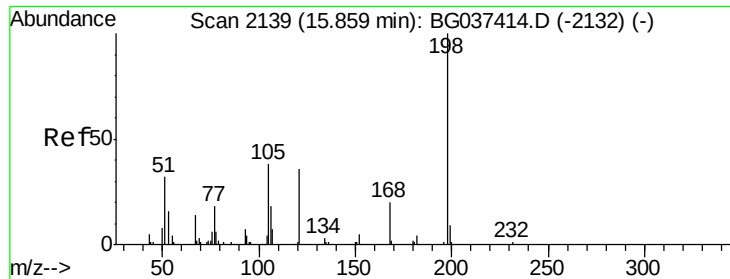


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

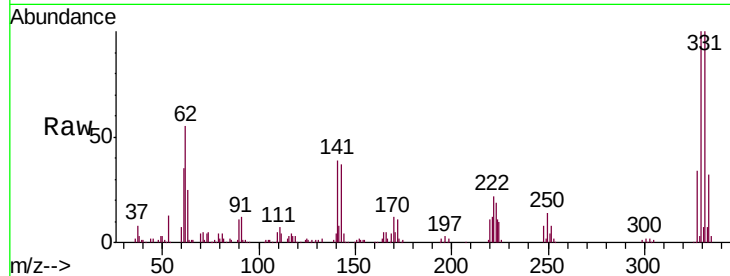




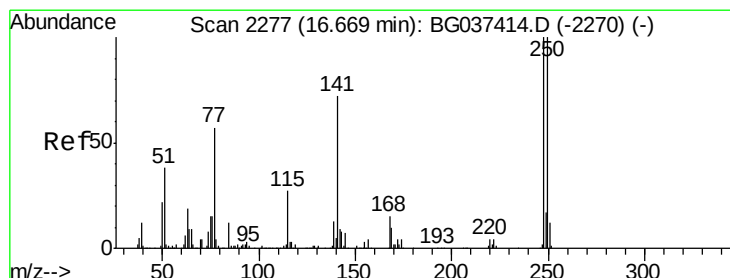
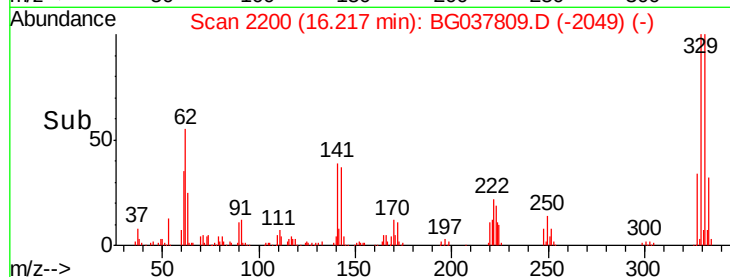
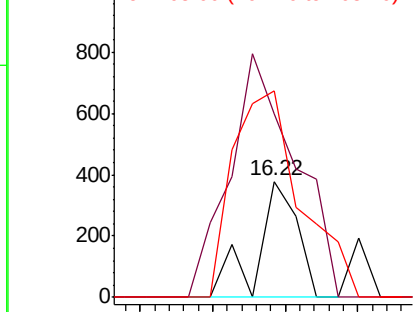
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.620 ng
 RT: 16.22 min Scan# 2200
 Delta R.T. 0.36 min
 Lab File: BG037809.D
 Acq: 5 Nov 2018 19:05

Instrument :
 BNA_G
 ClientSampleId :
 PB114440TB

Tgt Ion:198 Resp: 286
 Ion Ratio Lower Upper
 198 100
 51 26.5 22.7 62.7
 105 29.7 19.7 59.7

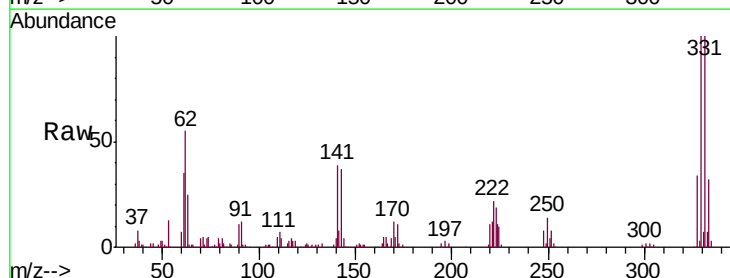


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

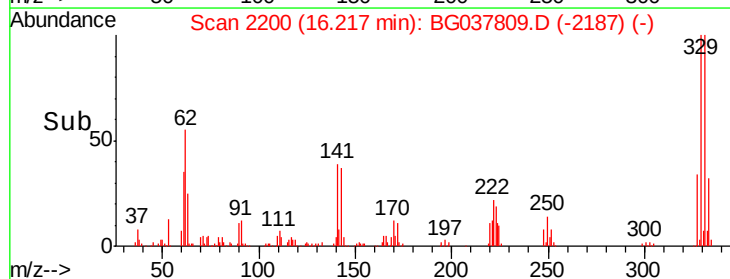
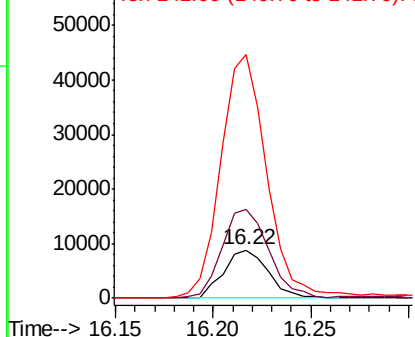


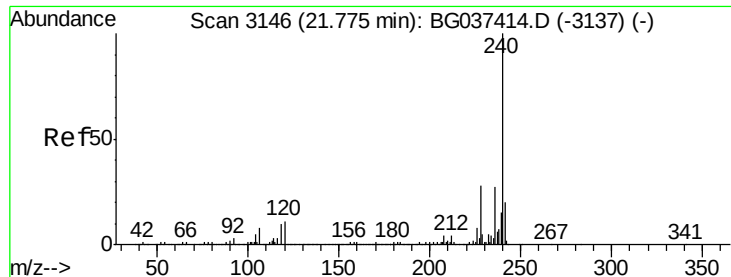
#67
 4-Bromophenyl-phenylether
 Concen: 3.164 ng
 RT: 16.22 min Scan# 2200
 Delta R.T. -0.45 min
 Lab File: BG037809.D
 Acq: 5 Nov 2018 19:05

Tgt Ion:248 Resp: 13801
 Ion Ratio Lower Upper
 248 100
 250 185.4 77.0 115.6#
 141 393.4 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

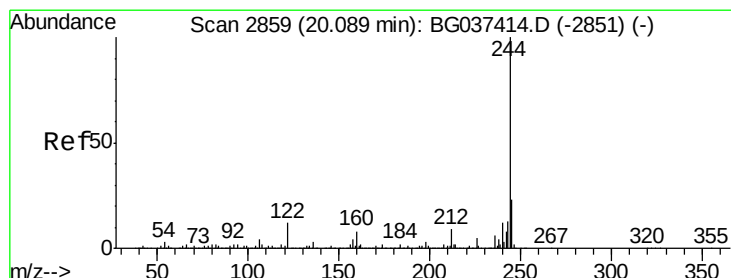
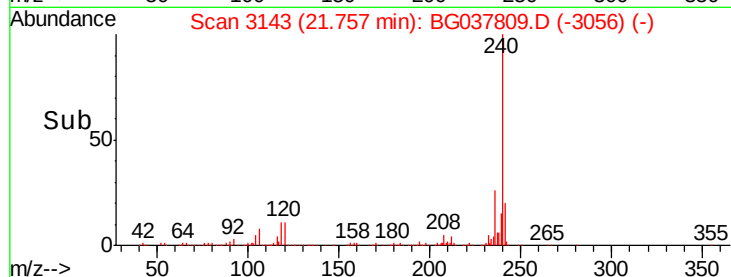
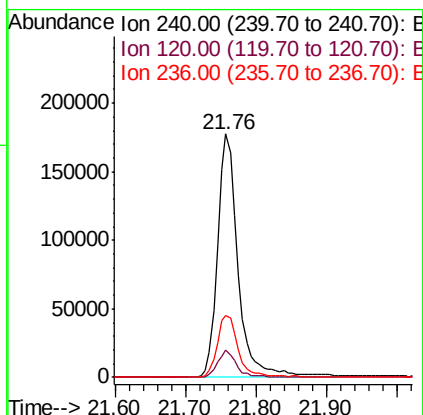
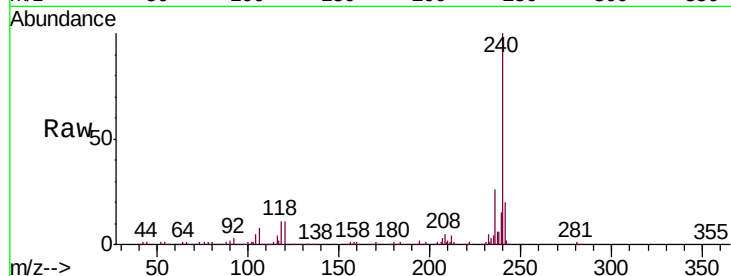




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3143
Delta R.T. -0.02 min
Lab File: BG037809.D
Acq: 5 Nov 2018 19:05

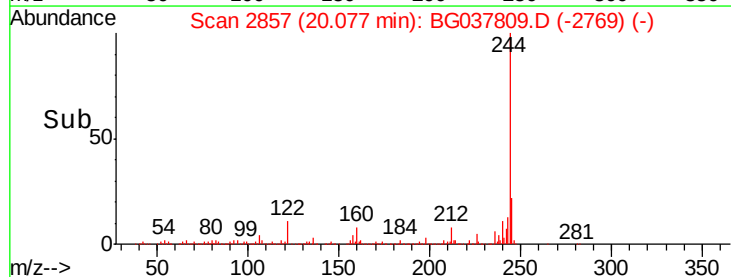
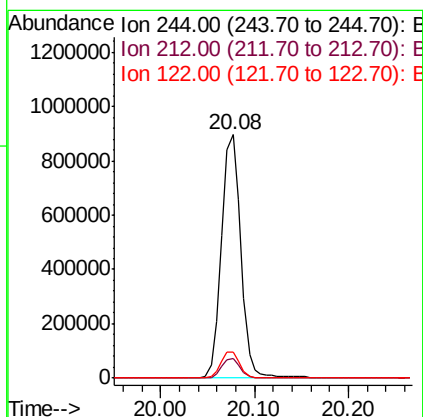
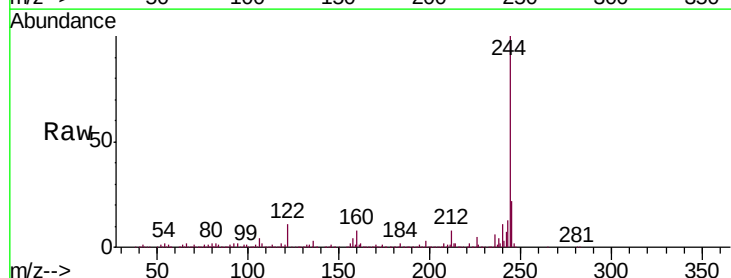
Instrument :
BNA_G
ClientSampleId :
PB114440TB

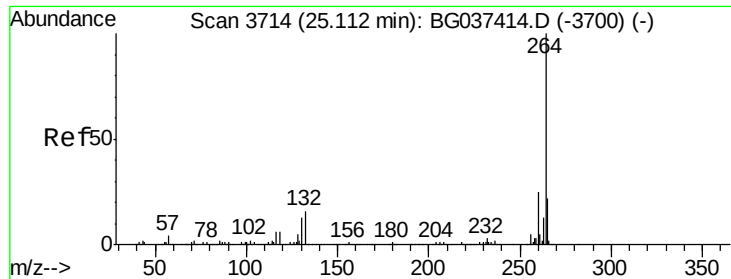
Tgt Ion:240 Resp: 358569
Ion Ratio Lower Upper
240 100
120 11.0 8.1 12.1
236 25.6 21.4 32.0



#79
Terphenyl-d14
Concen: 77.365 ng
RT: 20.08 min Scan# 2857
Delta R.T. -0.01 min
Lab File: BG037809.D
Acq: 5 Nov 2018 19:05

Tgt Ion:244 Resp: 1298253
Ion Ratio Lower Upper
244 100
212 8.1 6.5 9.7
122 10.9 9.0 13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3711
Delta R.T. -0.02 min
Lab File: BG037809.D
Acq: 5 Nov 2018 19:05

Instrument :
BNA_G
ClientSampleId :
PB114440TB

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.2	27.4
265	21.9	17.9	26.9

