

Data File : BG037810.D
Acq On : 5 Nov 2018 19:44
Operator : JU/SJ
Sample : J5759-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-1

Quant Time: Nov 06 04:16:53 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

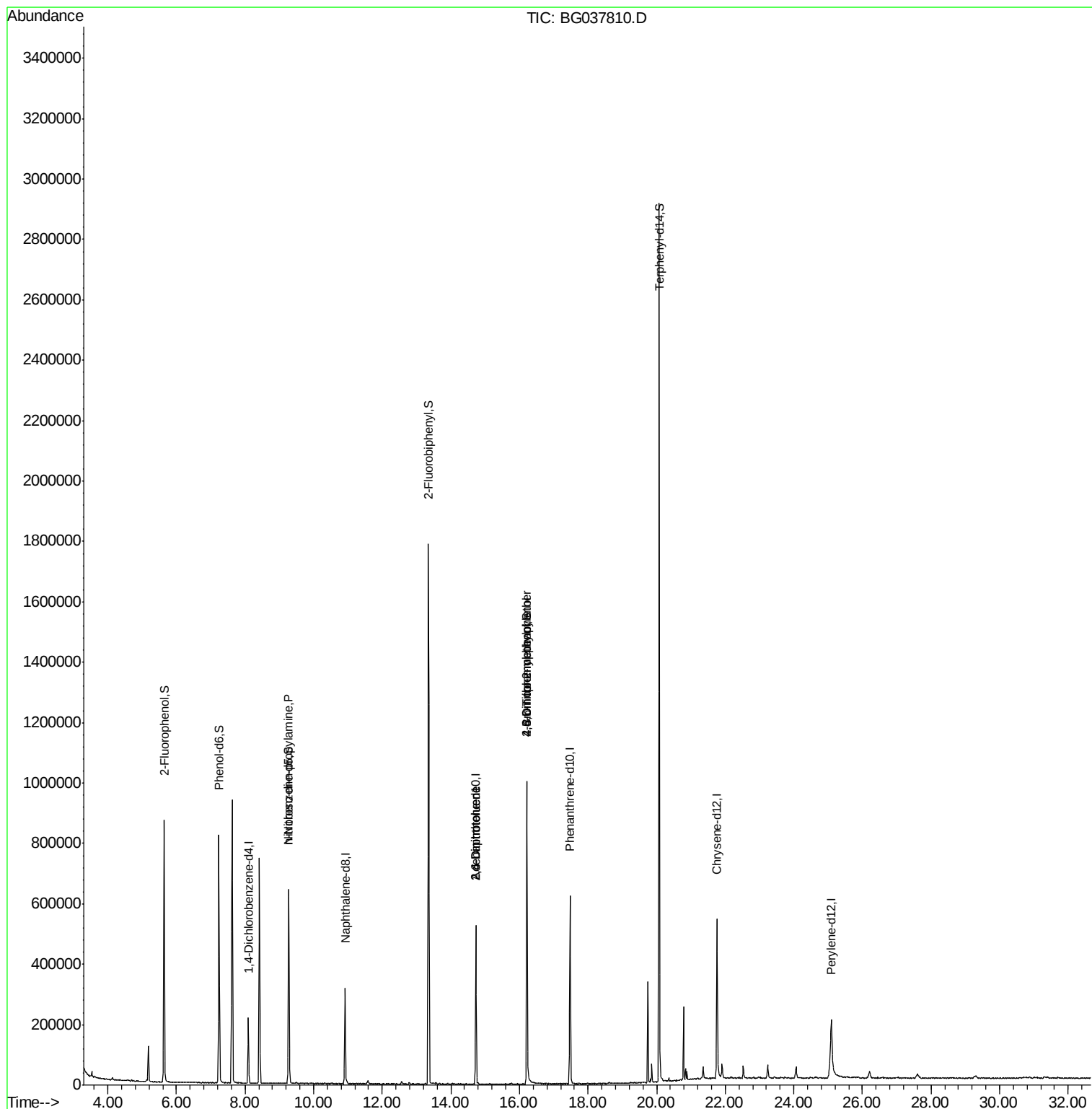
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	64254	20.00	ng	-0.01
21) Naphthalene-d8	10.92	136	281173	20.00	ng	-0.01
39) Acenaphthene-d10	14.73	164	187383	20.00	ng	-0.01
64) Phenanthrene-d10	17.47	188	409846	20.00	ng	-0.01
76) Chrysene-d12	21.76	240	371400	20.00	ng	-0.01
87) Perylene-d12	25.10	264	302800	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	412749	107.39	ng	0.00
7) Phenol-d6	7.24	99	533561	91.81	ng	-0.01
23) Nitrobenzene-d5	9.27	82	409449	81.58	ng	-0.01
42) 2,4,6-Tribromophenol	16.22	330	201726	98.70	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	995538	80.11	ng	-0.02
79) Terphenyl-d14	20.08	244	1408422	81.03	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.27	70	50805	12.695	ng	# 74
51) 2,6-Dinitrotoluene	14.72	165	24633	7.681	ng	# 25
57) 2,4-Dinitrotoluene	14.72	165	24633	5.852	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.22	198	454	8.681	ng	78
67) 4-Bromophenyl-phenylether	16.22	248	14012	3.113	ng	# 1

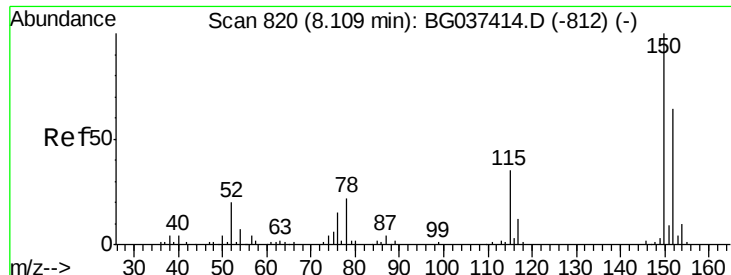
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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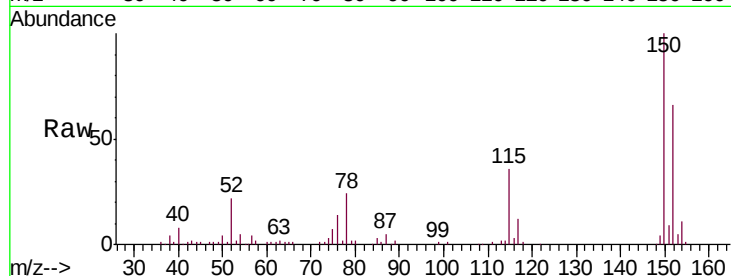




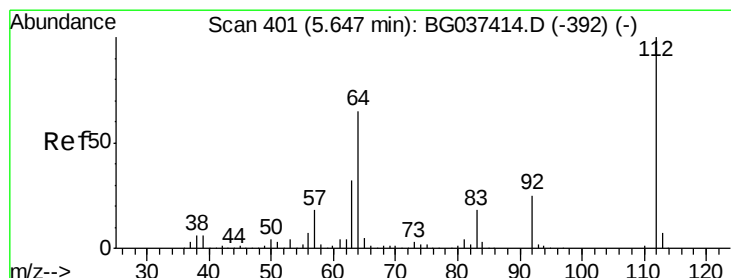
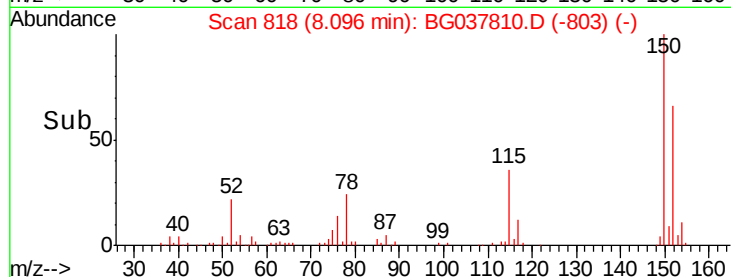
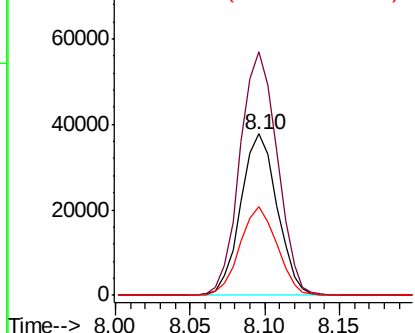
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.10 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BG037810.D
 Acq: 5 Nov 2018 19:44

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Tgt Ion:152 Resp: 64254
 Ion Ratio Lower Upper
 152 100
 150 150.6 126.0 189.0
 115 54.9 45.5 68.3

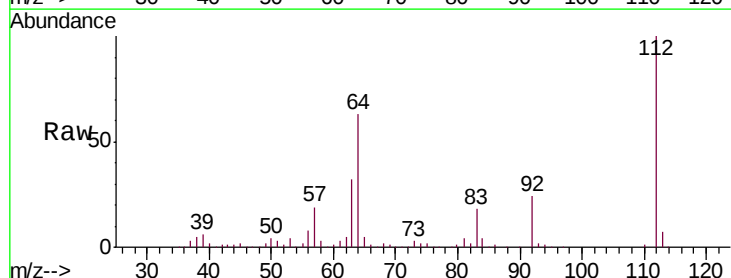


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

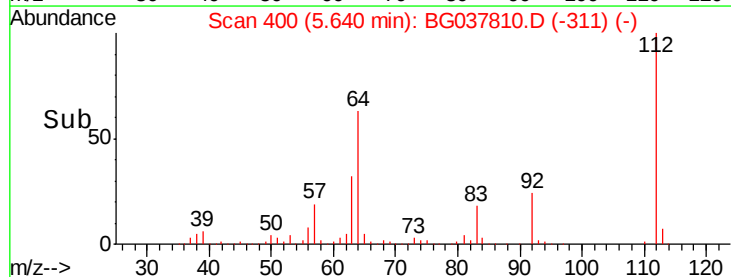
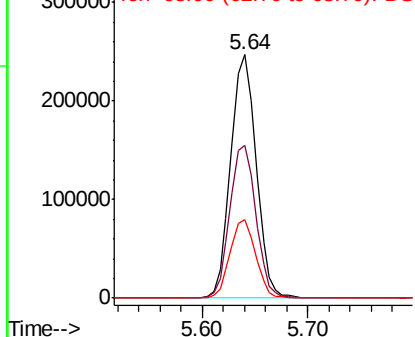


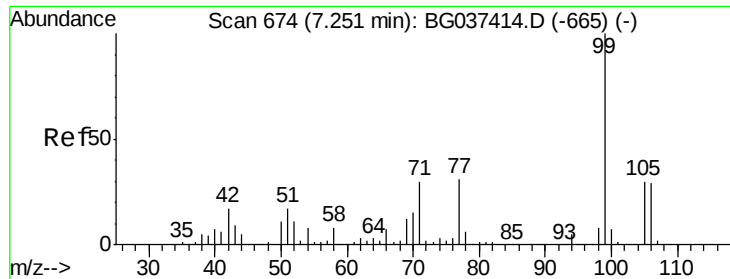
#5
 2-Fluorophenol
 Concen: 107.395 ng
 RT: 5.64 min Scan# 400
 Delta R.T. -0.01 min
 Lab File: BG037810.D
 Acq: 5 Nov 2018 19:44

Tgt Ion:112 Resp: 412749
 Ion Ratio Lower Upper
 112 100
 64 63.0 53.1 79.7
 63 32.3 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: 91.811 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037810.D

Acq: 5 Nov 2018 19:44

Instrument :

BNA_G

ClientSampleId :

TP-1

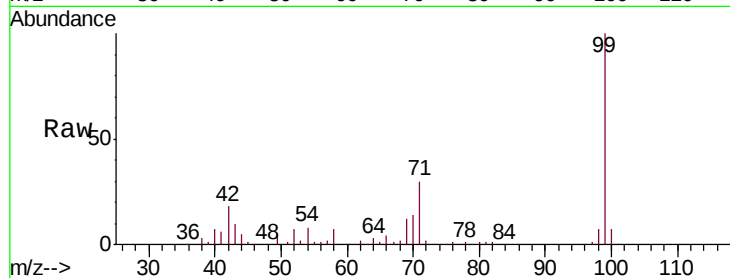
Tgt Ion: 99 Resp: 533561

Ion Ratio Lower Upper

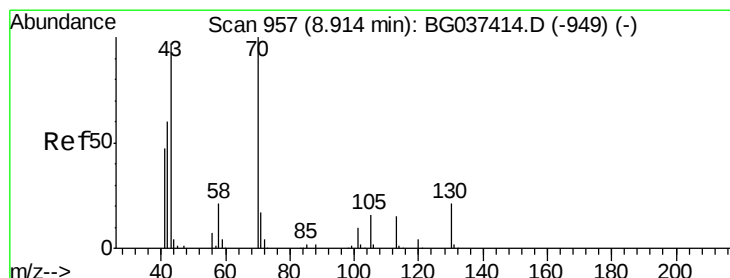
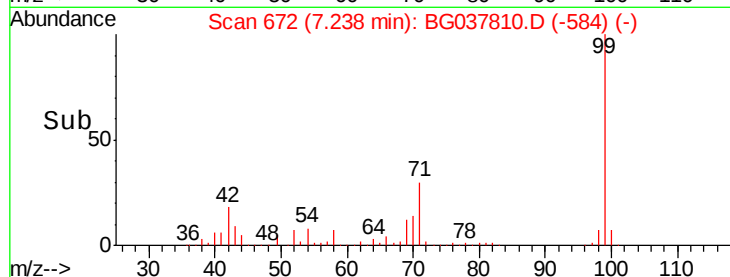
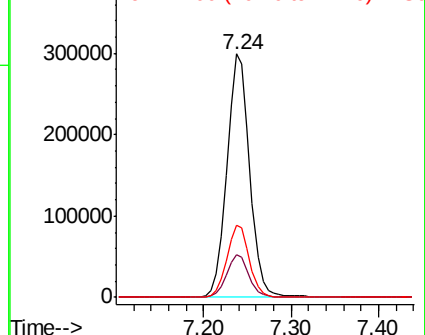
99 100

42 17.5 15.0 22.4

71 29.7 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: 12.695 ng

RT: 9.27 min Scan# 1018

Delta R.T. 0.36 min

Lab File: BG037810.D

Acq: 5 Nov 2018 19:44

Tgt Ion: 70 Resp: 50805

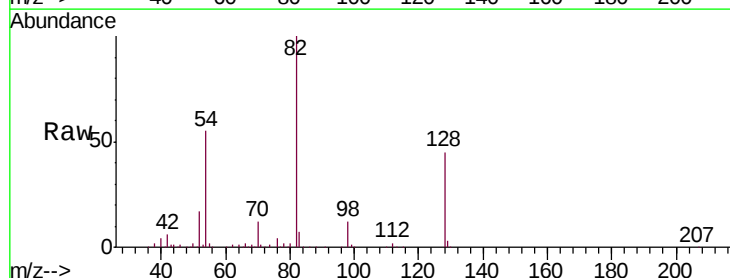
Ion Ratio Lower Upper

70 100

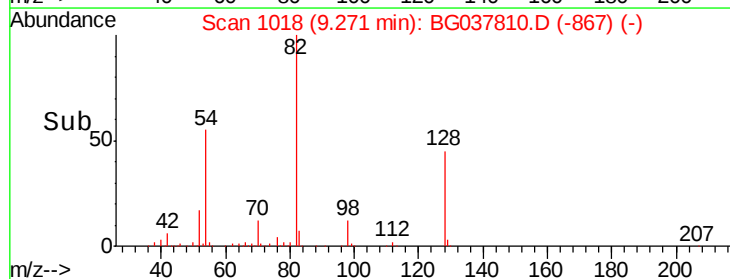
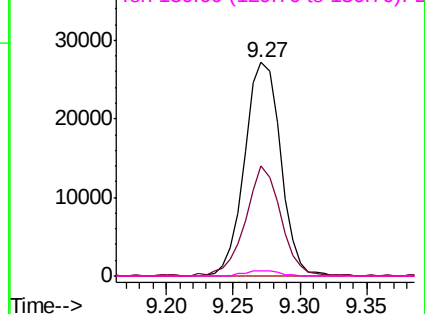
42 51.3 53.9 80.9#

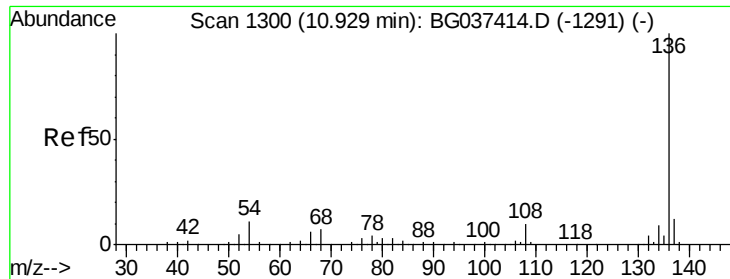
101 0.0 8.2 12.2#

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

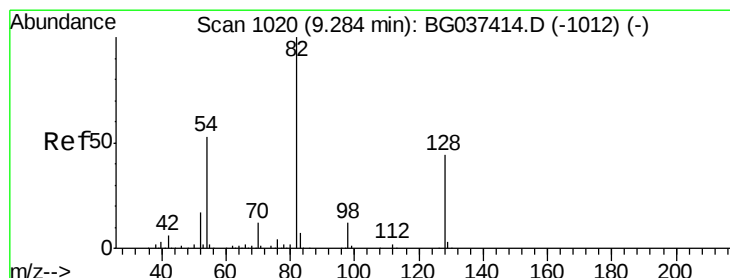
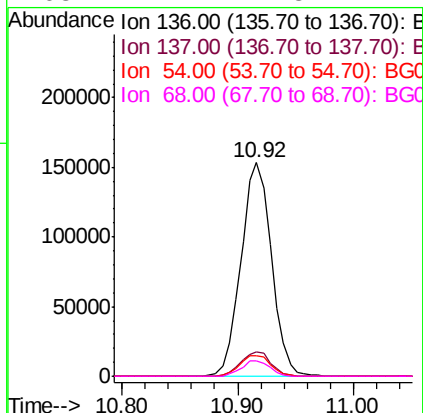
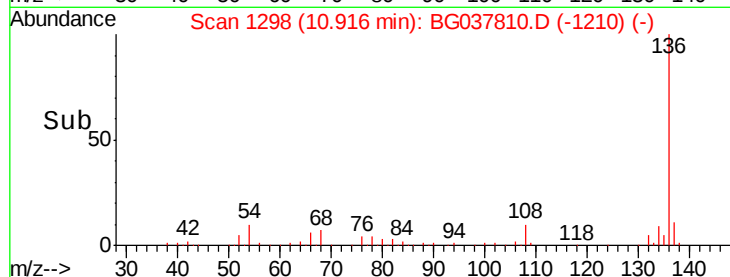
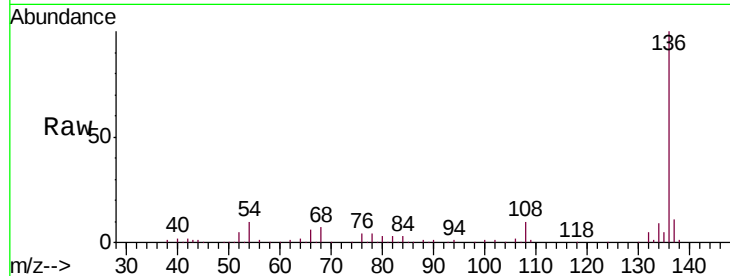




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG037810.D
Acq: 5 Nov 2018 19:44

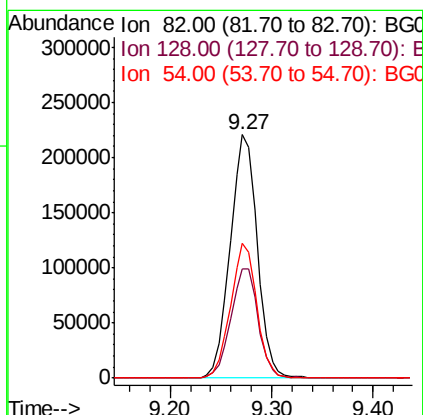
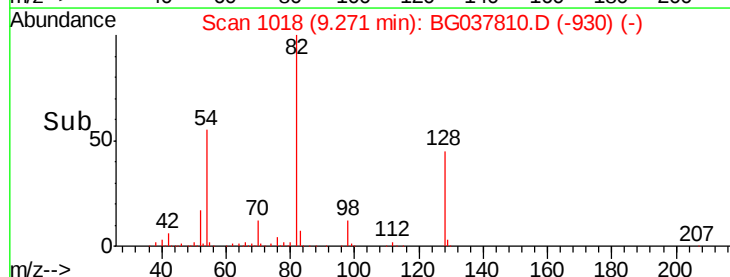
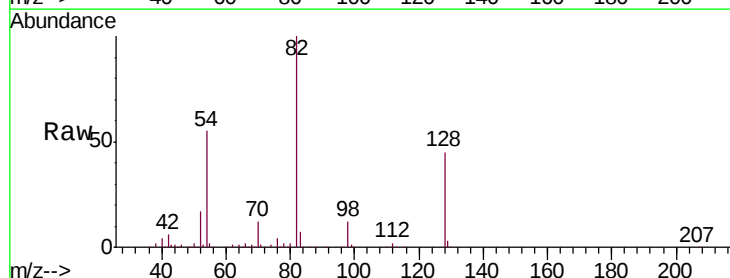
Instrument :
BNA_G
ClientSampleId :
TP-1

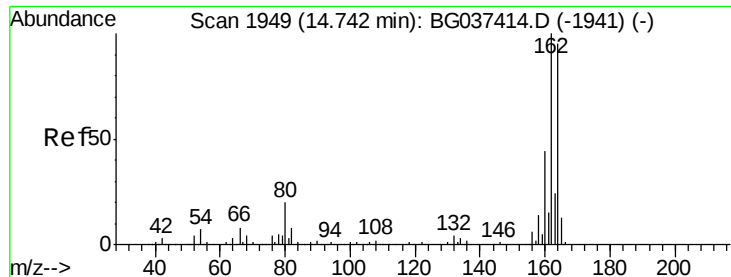
Tgt Ion:	136	Resp:	281173
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.6	14.4
54	9.6	7.9	11.9
68	7.1	4.8	7.2



#23
Nitrobenzene-d5
Concen: 81.576 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG037810.D
Acq: 5 Nov 2018 19:44

Tgt Ion:	82	Resp:	409449
Ion	Ratio	Lower	Upper
82	100		
128	44.7	34.6	51.8
54	55.5	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: BG037810.D

Acq: 5 Nov 2018 19:44

Instrument :

BNA_G

ClientSampleId :

TP-1

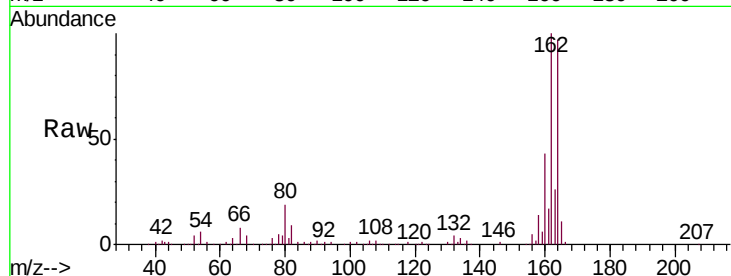
Tgt Ion:164 Resp: 187383

Ion Ratio Lower Upper

164 100

162 103.6 81.3 121.9

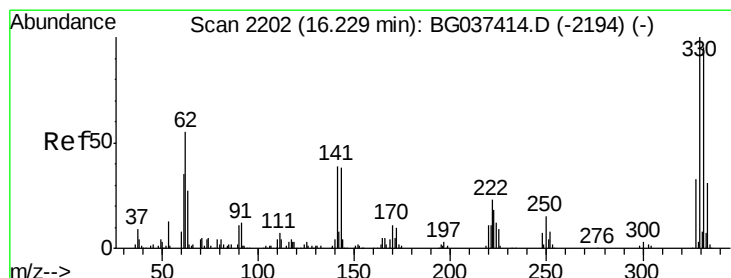
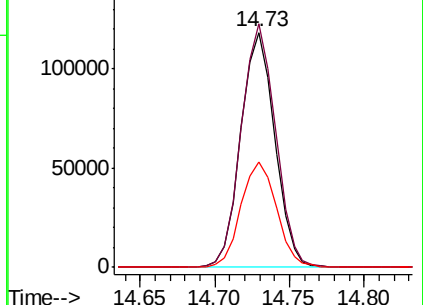
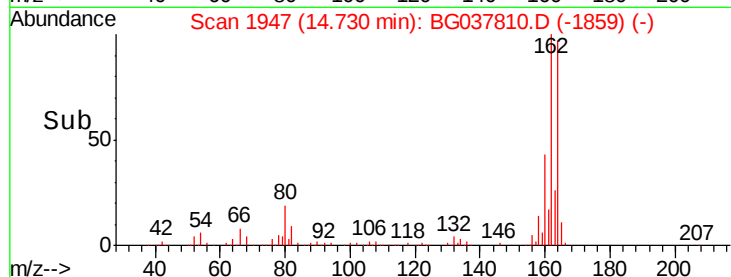
160 44.8 36.3 54.5



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: 98.703 ng

RT: 16.22 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BG037810.D

Acq: 5 Nov 2018 19:44

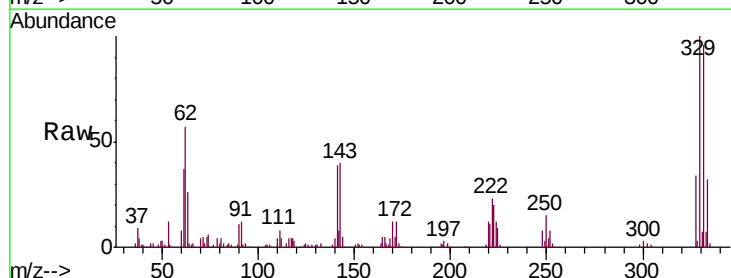
Tgt Ion:330 Resp: 201726

Ion Ratio Lower Upper

330 100

332 96.8 78.4 117.6

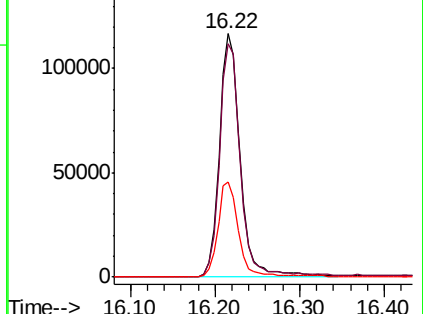
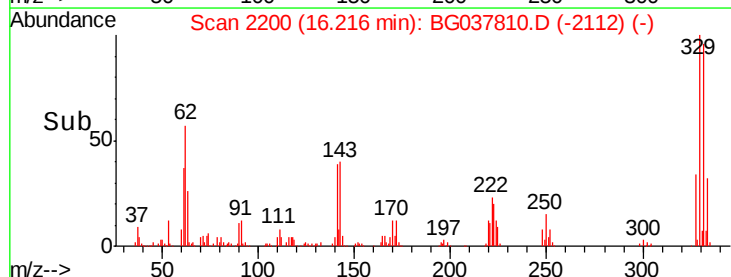
141 38.1 32.2 48.2

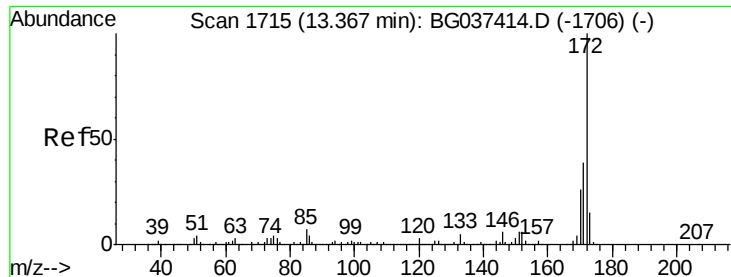


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

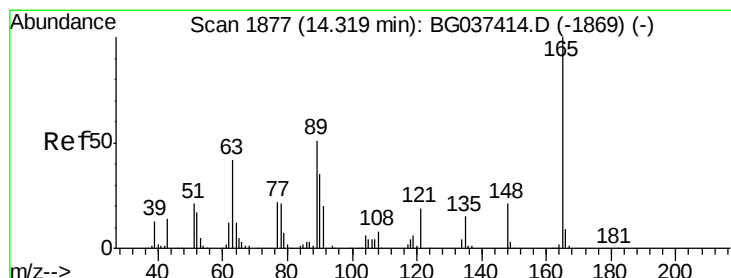
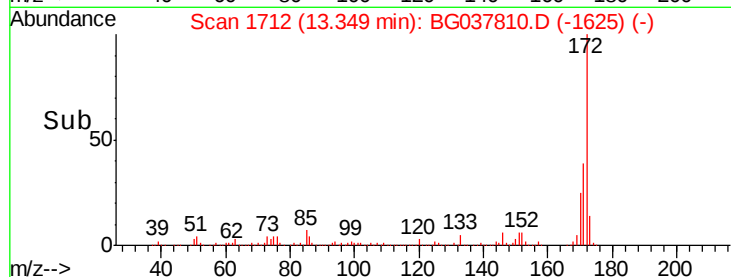
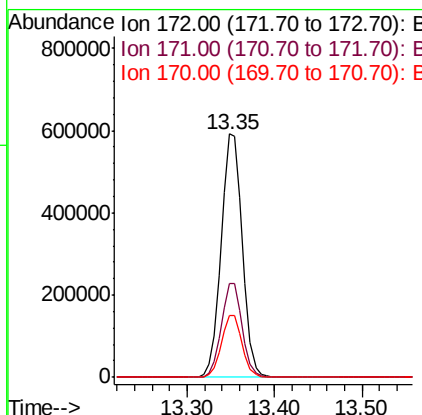
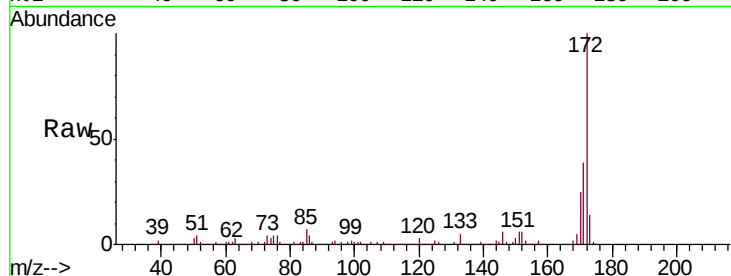




#45
 2-Fluorobiphenyl
 Concen: 80.115 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.02 min
 Lab File: BG037810.D
 Acq: 5 Nov 2018 19:44

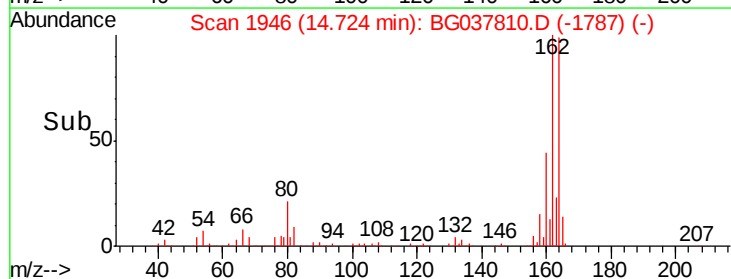
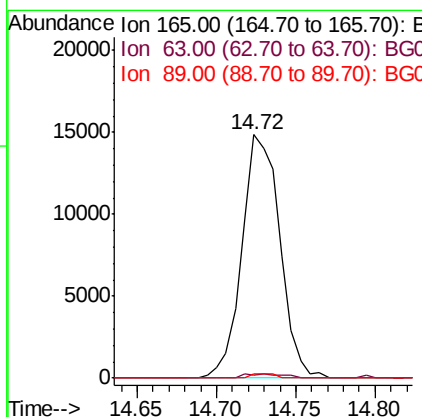
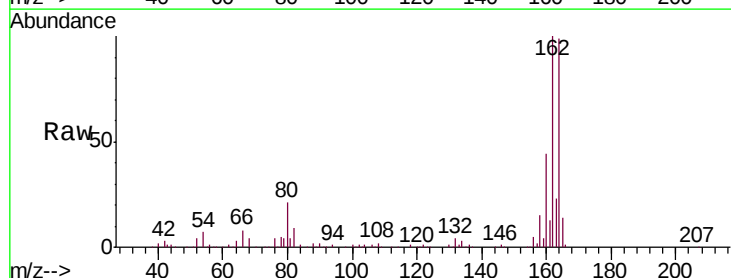
Instrument :
 BNA_G
 ClientSampleId :
 TP-1

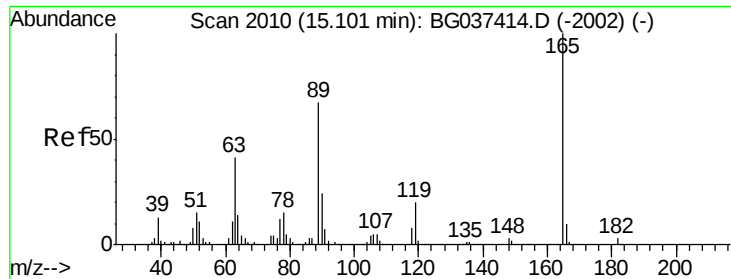
Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.7	31.0	46.4
170	25.2	20.2	30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.681 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. 0.40 min
 Lab File: BG037810.D
 Acq: 5 Nov 2018 19:44

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	43.4	65.2#
89	1.6	45.8	68.6#

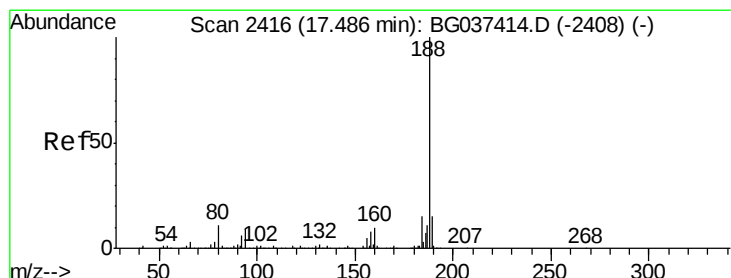
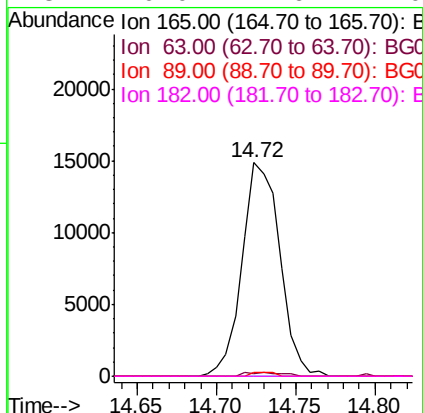
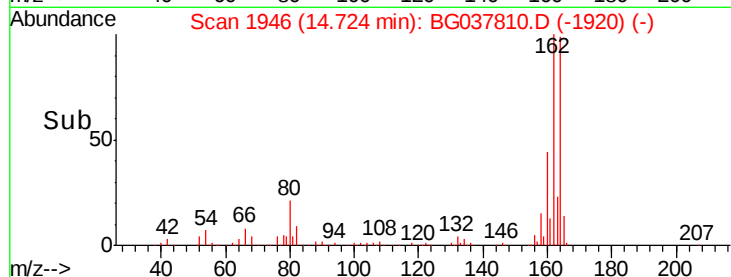
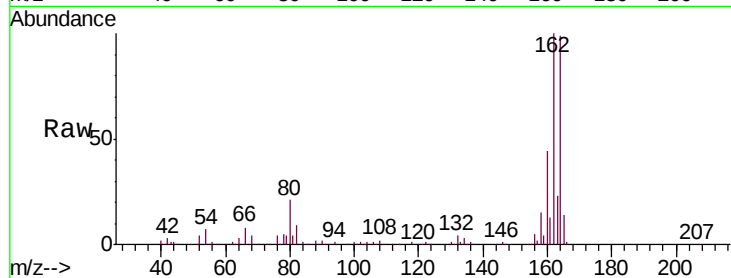




#57
2,4-Dinitrotoluene
Concen: 5.852 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.38 min
Lab File: BG037810.D
Acq: 5 Nov 2018 19:44

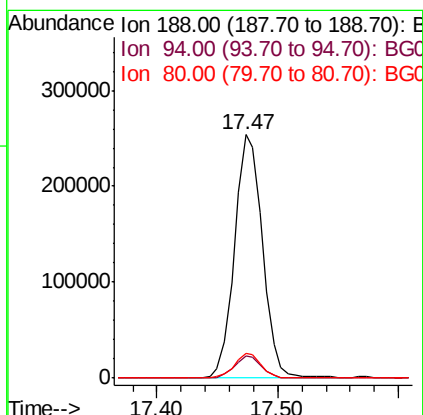
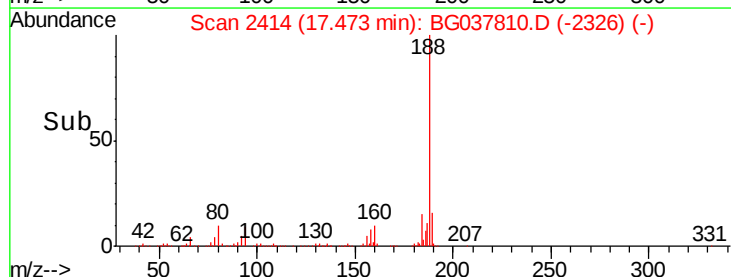
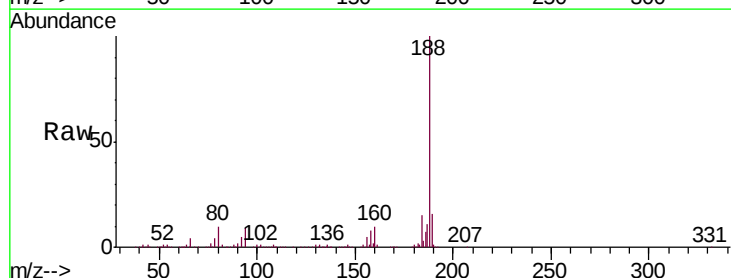
Instrument :
BNA_G
ClientSampleId :
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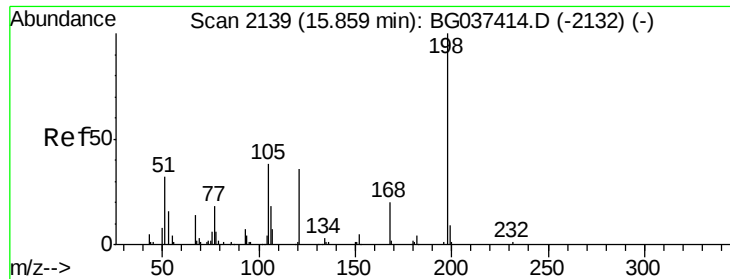
Tgt Ion:165 Resp: 24633
Ion Ratio Lower Upper
165 100
63 1.5 33.4 50.0#
89 1.6 57.2 85.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BG037810.D
Acq: 5 Nov 2018 19:44

Tgt Ion:188 Resp: 409846
Ion Ratio Lower Upper
188 100
94 9.1 7.2 10.8
80 10.4 7.7 11.5

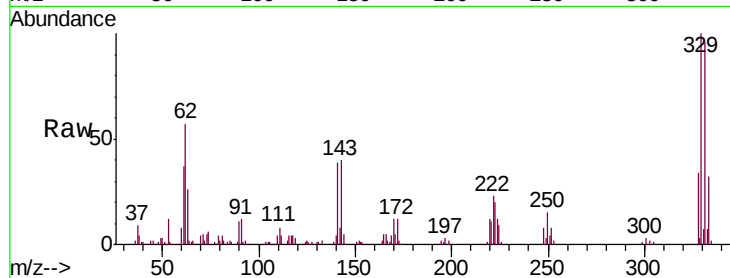




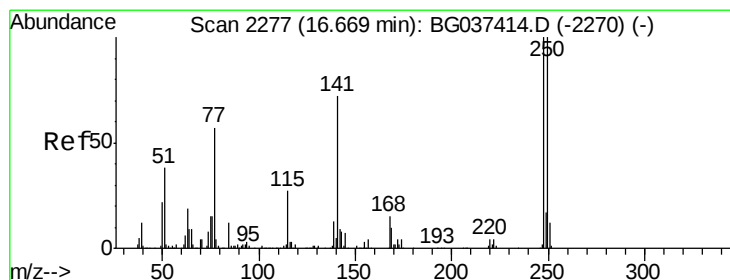
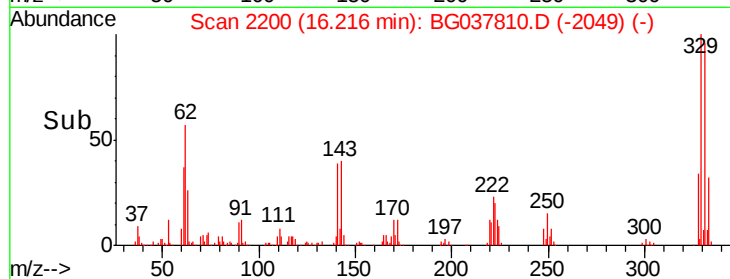
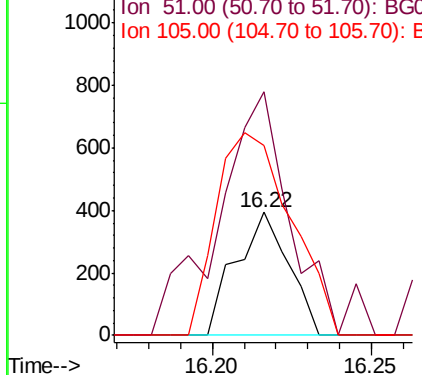
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.681 ng
 RT: 16.22 min Scan# 2200
 Delta R.T. 0.36 min
 Lab File: BG037810.D
 Acq: 5 Nov 2018 19:44

Instrument :
 BNA_G
 ClientSampled :
 TP-1

Tgt Ion:198 Resp: 454
 Ion Ratio Lower Upper
 198 100
 51 30.8 22.7 62.7
 105 24.1 19.7 59.7

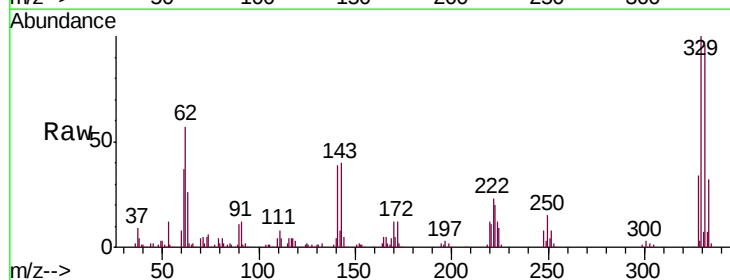


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

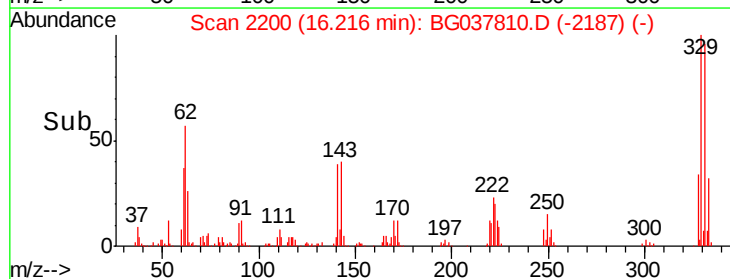
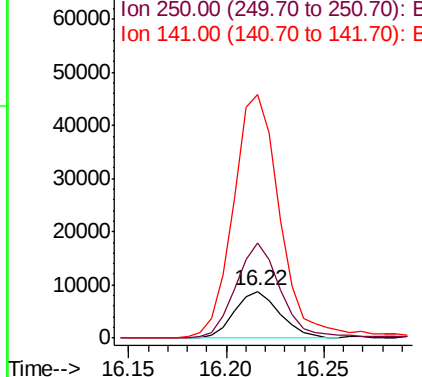


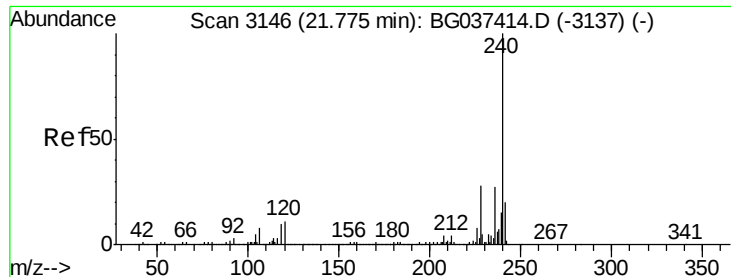
#67
 4-Bromophenyl-phenylether
 Concen: 3.113 ng
 RT: 16.22 min Scan# 2200
 Delta R.T. -0.45 min
 Lab File: BG037810.D
 Acq: 5 Nov 2018 19:44

Tgt Ion:248 Resp: 14012
 Ion Ratio Lower Upper
 248 100
 250 255.2 77.0 115.6#
 141 522.4 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

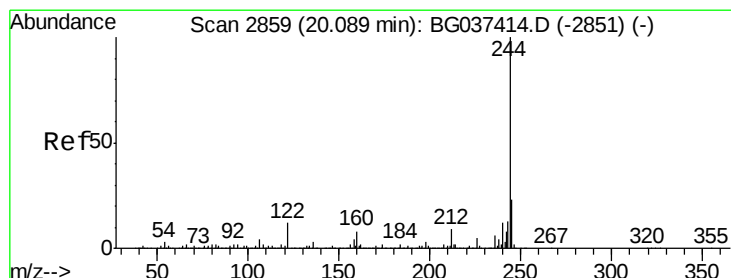
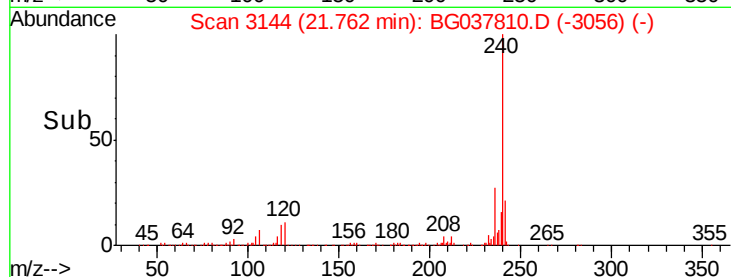
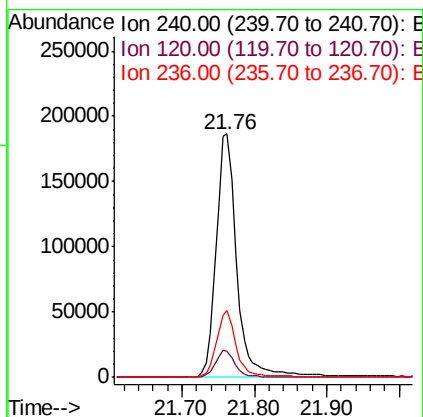
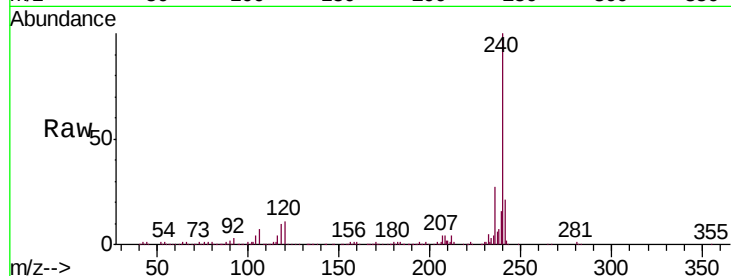




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG037810.D
Acq: 5 Nov 2018 19:44

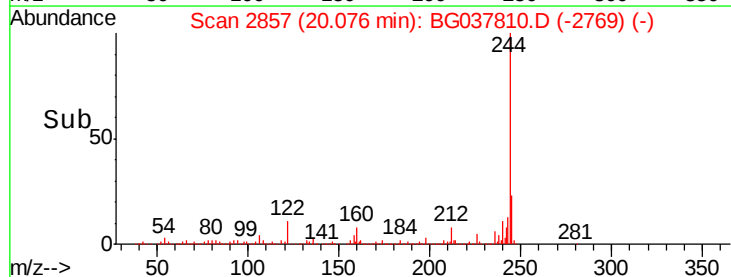
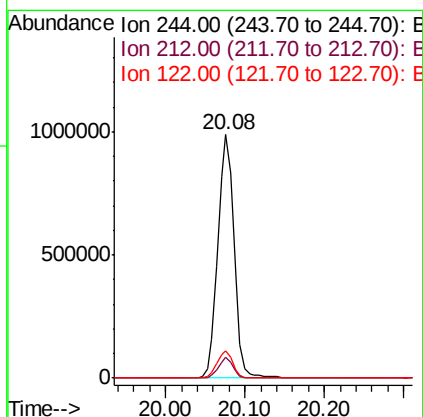
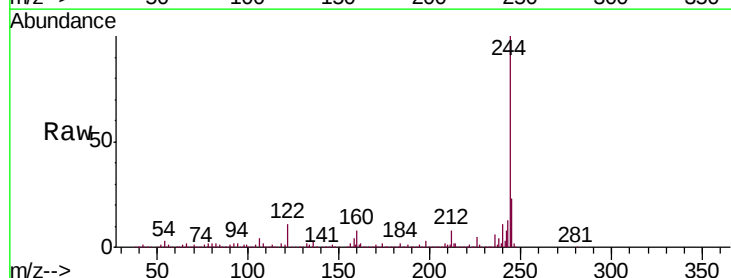
Instrument :
BNA_G
ClientSampleId :
TP-1

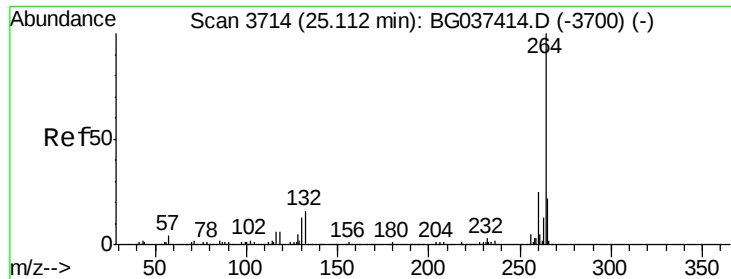
Tgt Ion:240 Resp: 371400
Ion Ratio Lower Upper
240 100
120 10.6 8.1 12.1
236 27.3 21.4 32.0



#79
Terphenyl-d14
Concen: 81.030 ng
RT: 20.08 min Scan# 2857
Delta R.T. -0.01 min
Lab File: BG037810.D
Acq: 5 Nov 2018 19:44

Tgt Ion:244 Resp: 1408422
Ion Ratio Lower Upper
244 100
212 8.3 6.5 9.7
122 11.2 9.0 13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.01 min
Lab File: BG037810.D
Acq: 5 Nov 2018 19:44

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.2	27.4
265	20.8	17.9	26.9

