

Data File : BG037780.D
Acq On : 3 Nov 2018 7:47
Operator : JU/SJ
Sample : J5767-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CL-02-110118-B

Quant Time: Nov 05 03:53:16 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	55522	20.00	ng	-0.01
21) Naphthalene-d8	10.92	136	256824	20.00	ng	-0.01
39) Acenaphthene-d10	14.73	164	166389	20.00	ng	-0.01
64) Phenanthrene-d10	17.48	188	378001	20.00	ng	0.00
76) Chrysene-d12	21.76	240	342233	20.00	ng	-0.01
87) Perylene-d12	25.10	264	292821	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	382270	115.11	ng	0.00
7) Phenol-d6	7.24	99	493984	98.37	ng	0.00
23) Nitrobenzene-d5	9.28	82	386315	84.26	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	191312	105.42	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	924711	83.80	ng	-0.01
79) Terphenyl-d14	20.08	244	1351937	84.41	ng	0.00

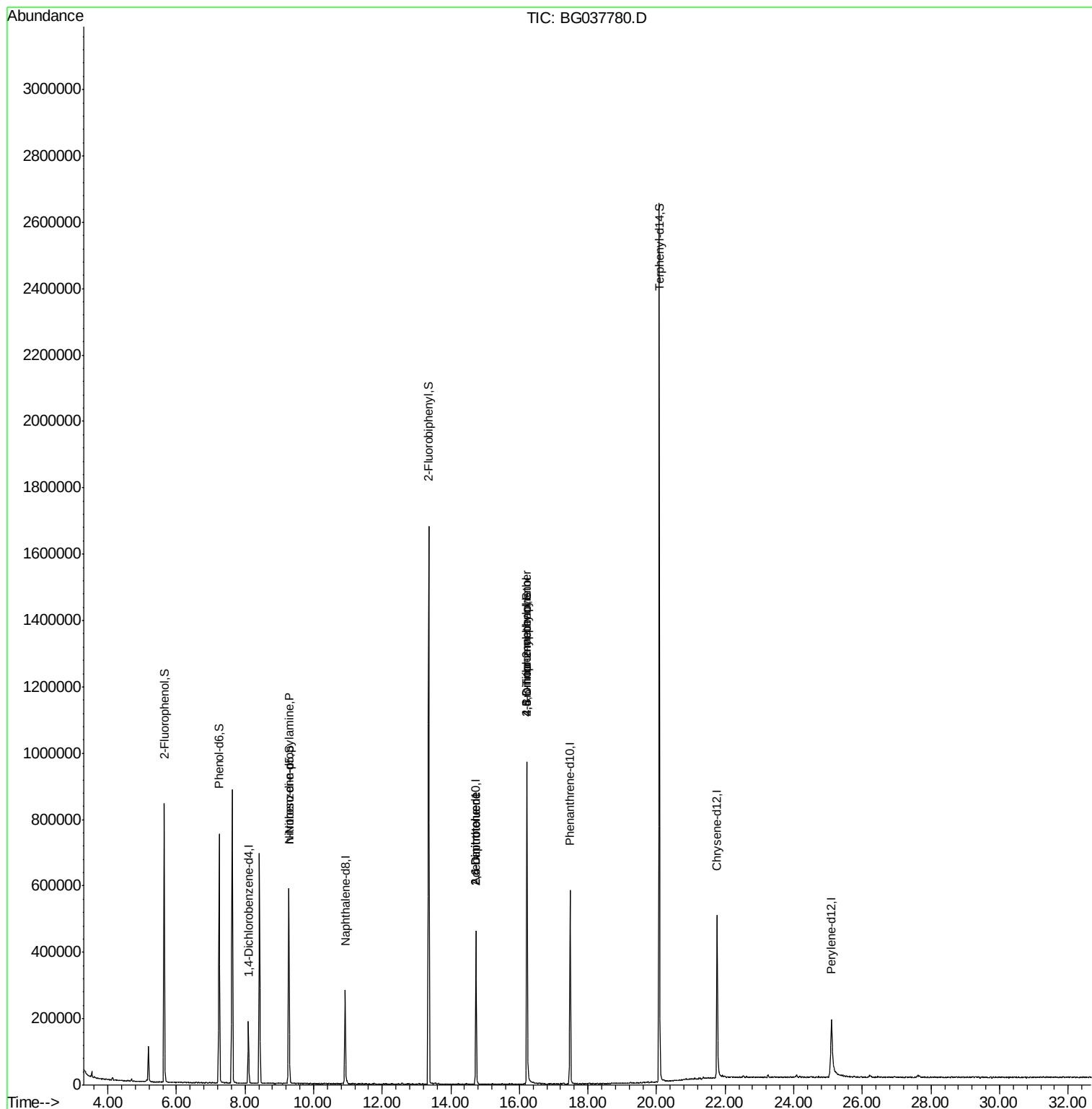
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	9.27	70	48522	14.032	ng	# 71
51) 2,6-Dinitrotoluene	14.73	165	22126	7.770	ng	# 25
57) 2,4-Dinitrotoluene	14.73	165	22126	5.919	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.22	198	279	8.623	ng	# 76
67) 4-Bromophenyl-phenylether	16.22	248	13796	3.323	ng	# 1

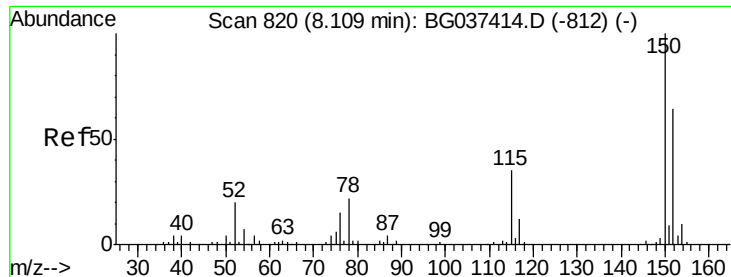
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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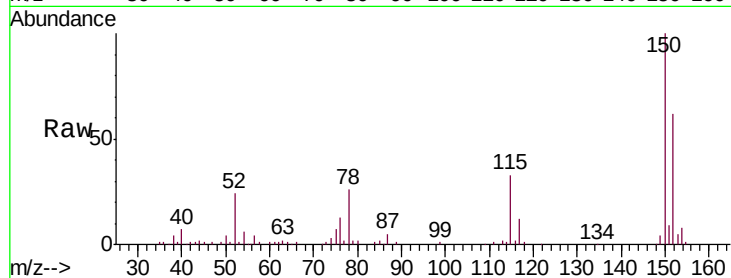




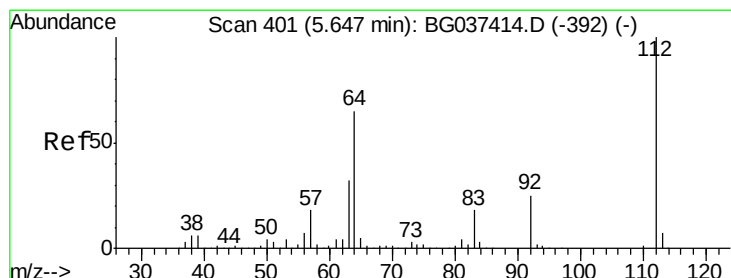
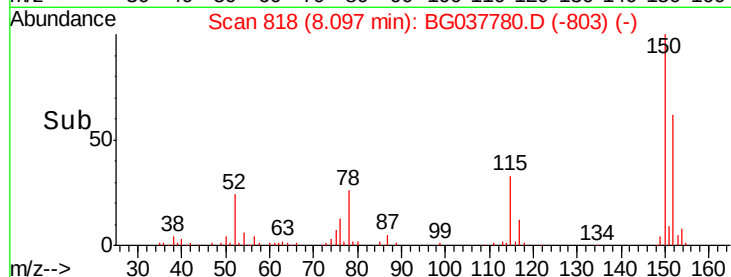
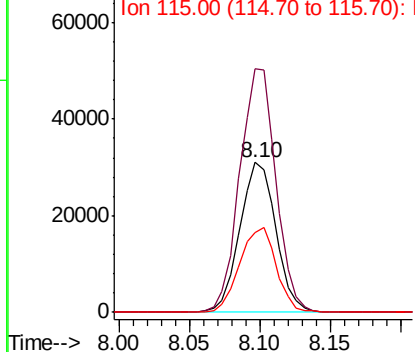
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.10 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BG037780.D
 Acq: 3 Nov 2018 7:47

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-110118-B

Tgt Ion:152 Resp: 55522
 Ion Ratio Lower Upper
 152 100
 150 162.4 126.0 189.0
 115 52.8 45.5 68.3

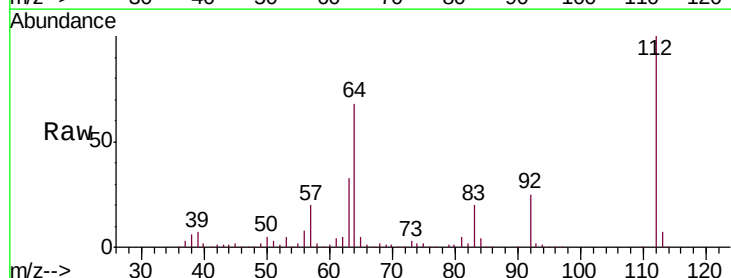


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

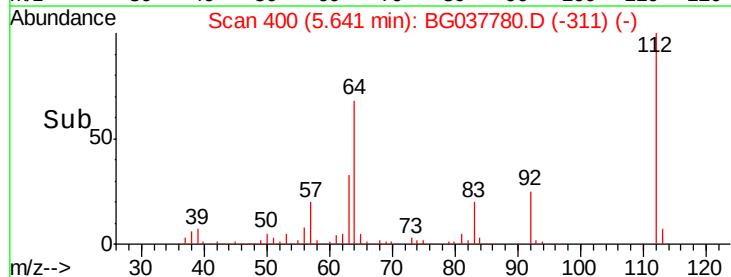
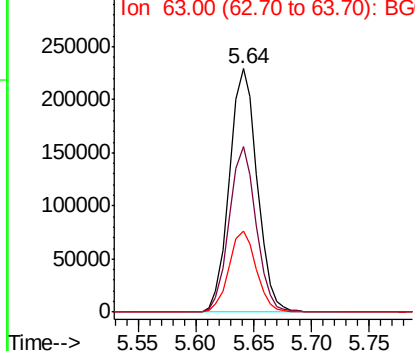


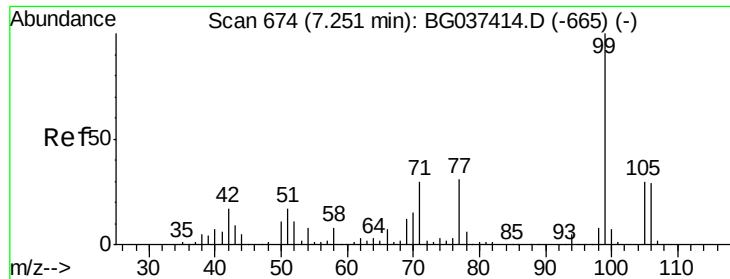
#5
 2-Fluorophenol
 Concen: 115.107 ng
 RT: 5.64 min Scan# 400
 Delta R.T. -0.01 min
 Lab File: BG037780.D
 Acq: 3 Nov 2018 7:47

Tgt Ion:112 Resp: 382270
 Ion Ratio Lower Upper
 112 100
 64 68.2 53.1 79.7
 63 33.5 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: 98.369 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037780.D

Acq: 3 Nov 2018 7:47

Instrument :

BNA_G

ClientSampleId :

CL-02-110118-B

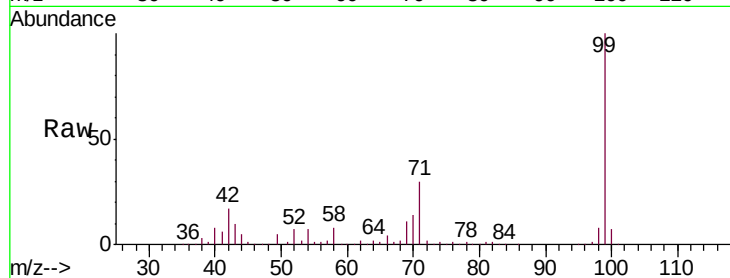
Tgt Ion: 99 Resp: 493984

Ion Ratio Lower Upper

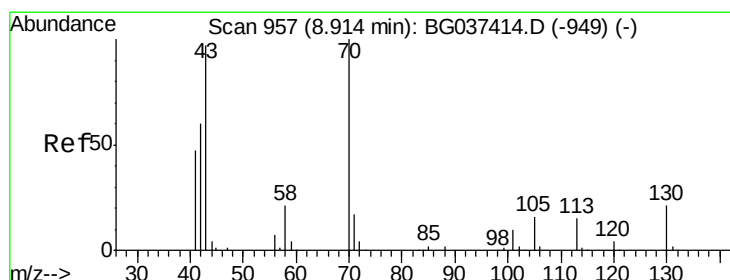
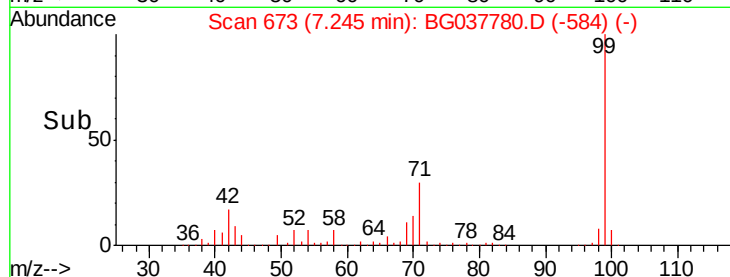
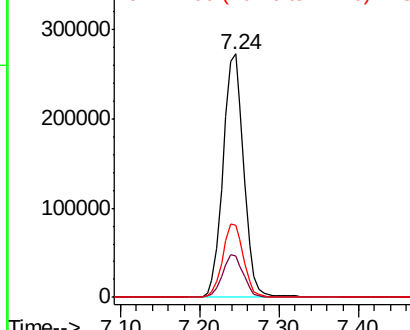
99 100

42 17.2 15.0 22.4

71 29.8 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: 14.032 ng

RT: 9.27 min Scan# 1018

Delta R.T. 0.36 min

Lab File: BG037780.D

Acq: 3 Nov 2018 7:47

Tgt Ion: 70 Resp: 48522

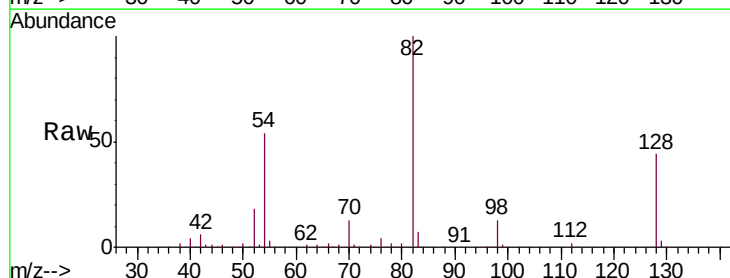
Ion Ratio Lower Upper

70 100

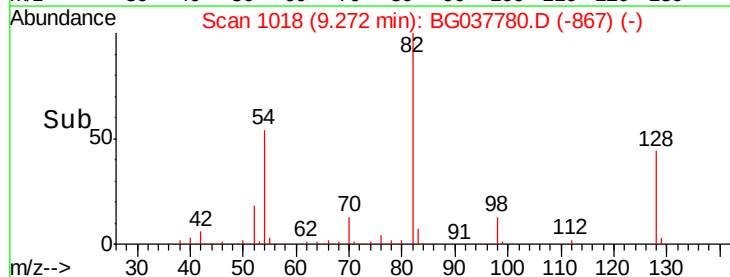
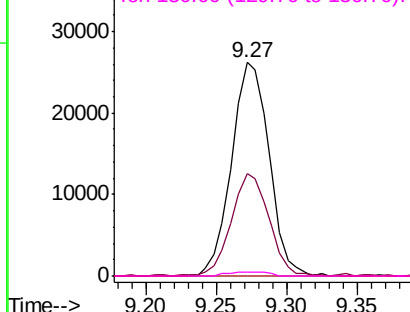
42 48.1 53.9 80.9#

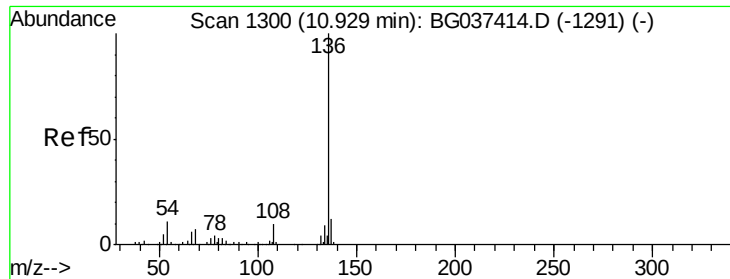
101 0.0 8.2 12.2#

130 1.9 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

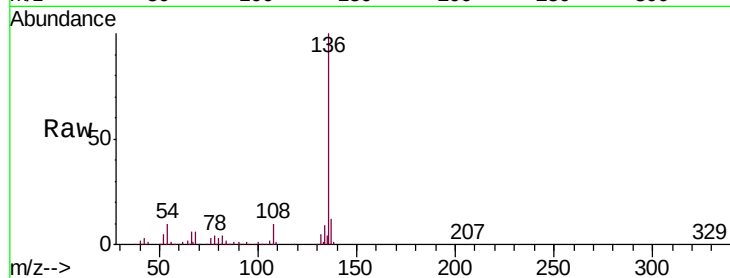




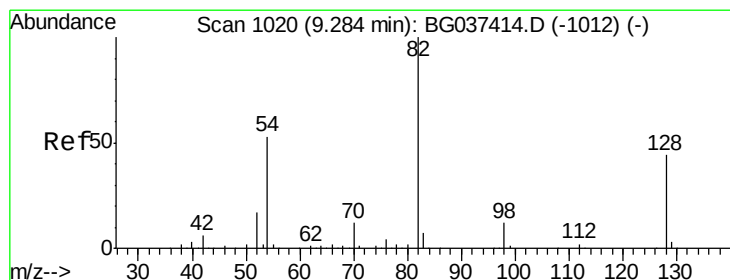
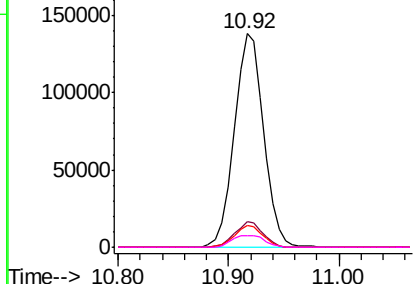
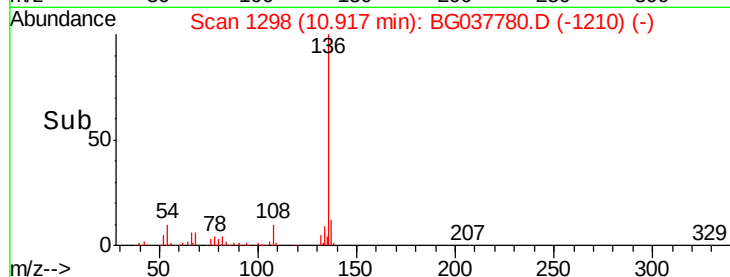
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG037780.D
Acq: 3 Nov 2018 7:47

Instrument :
BNA_G
ClientSampleId :
CL-02-110118-B

Tgt Ion:	136	Resp:	256824
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.6	14.4
54	10.0	7.9	11.9
68	5.7	4.8	7.2

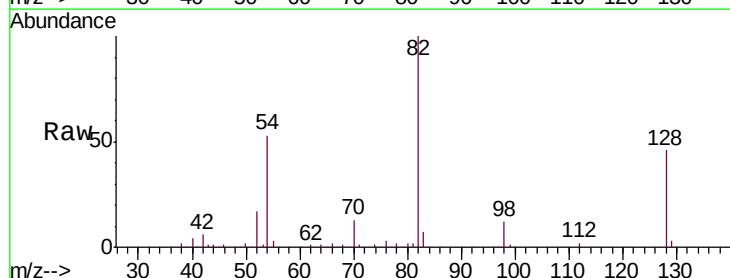


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

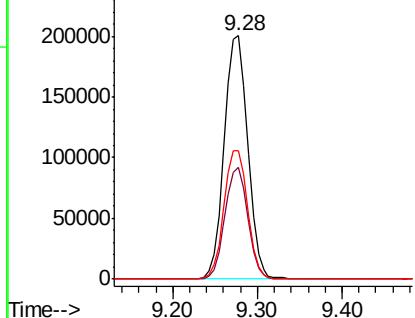
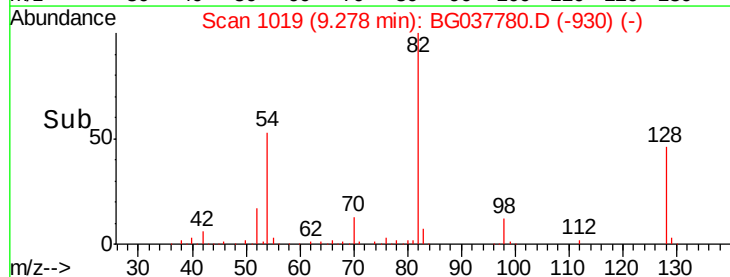


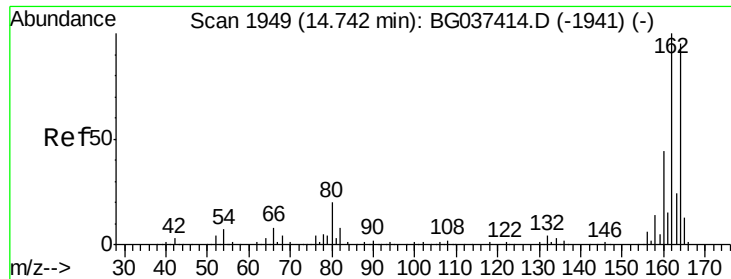
#23
Nitrobenzene-d5
Concen: 84.264 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037780.D
Acq: 3 Nov 2018 7:47

Tgt Ion:	82	Resp:	386315
Ion	Ratio	Lower	Upper
82	100		
128	45.8	34.6	51.8
54	52.9	45.3	67.9



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG037780.D

Acq: 3 Nov 2018 7:47

Instrument :

BNA_G

ClientSampleId :

CL-02-110118-B

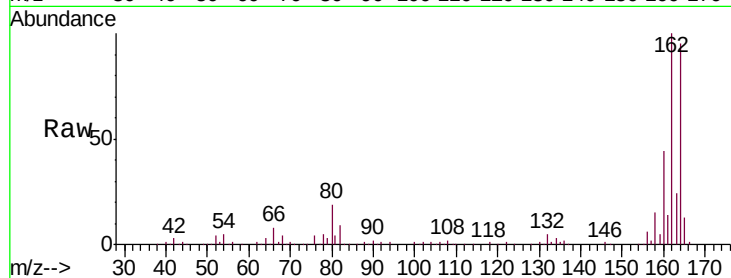
Tgt Ion:164 Resp: 166389

Ion Ratio Lower Upper

164 100

162 105.0 81.3 121.9

160 45.9 36.3 54.5

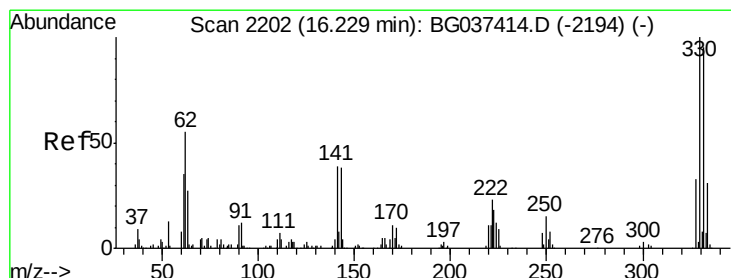
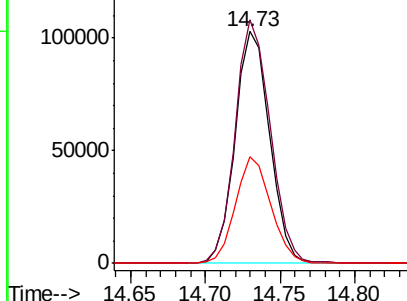
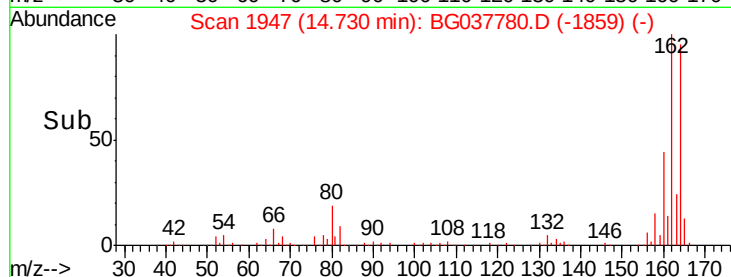


Abundance

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: 105.418 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037780.D

Acq: 3 Nov 2018 7:47

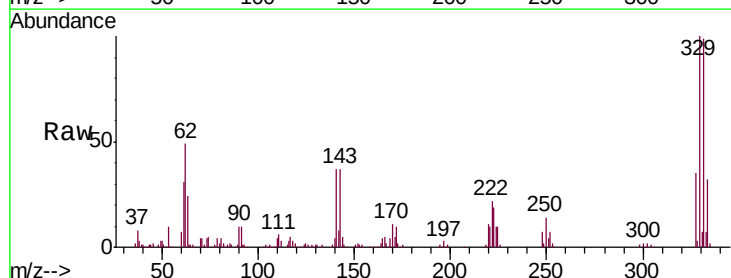
Tgt Ion:330 Resp: 191312

Ion Ratio Lower Upper

330 100

332 99.9 78.4 117.6

141 38.8 32.2 48.2

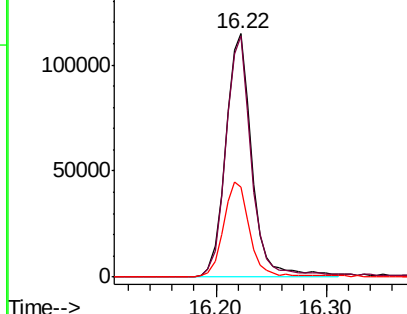
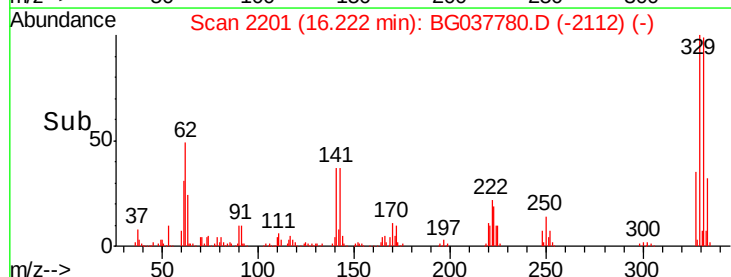


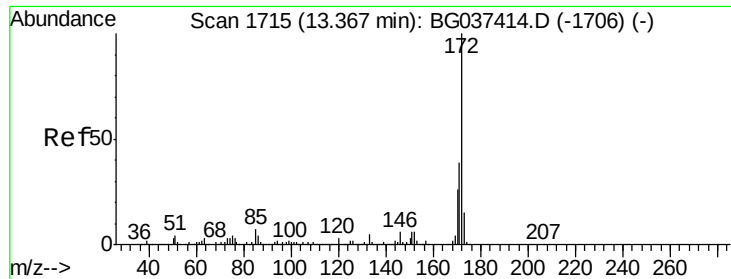
Abundance

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

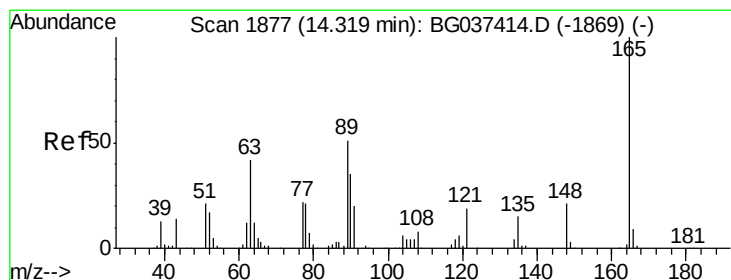
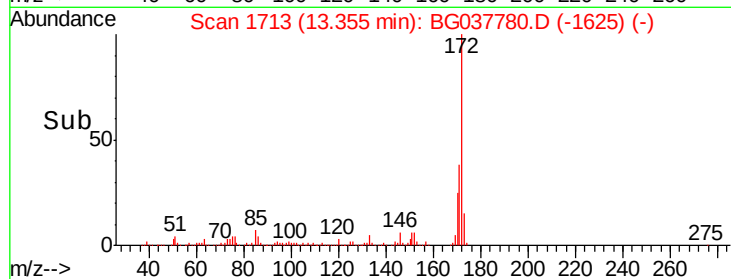
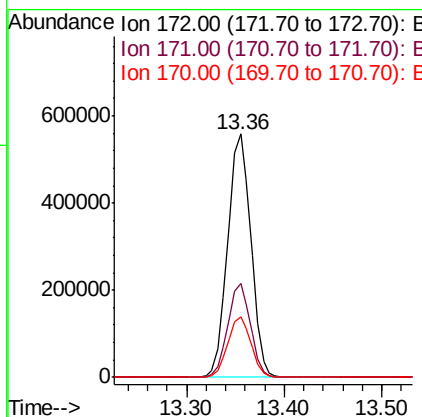
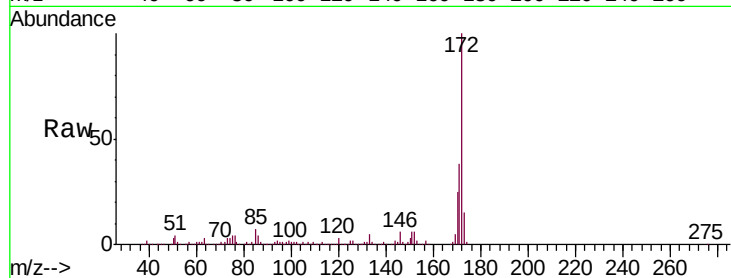




#45
 2-Fluorobiphenyl
 Concen: 83.804 ng
 RT: 13.36 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG037780.D
 Acq: 3 Nov 2018 7:47

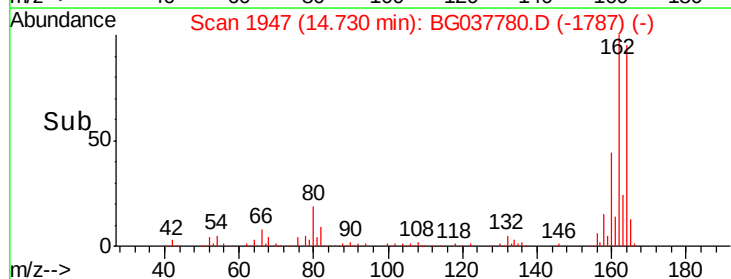
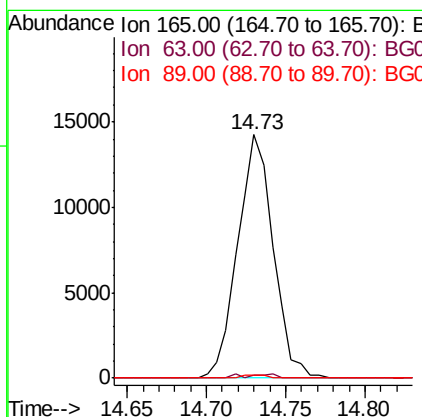
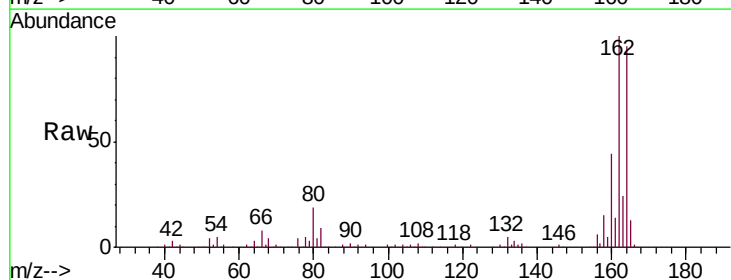
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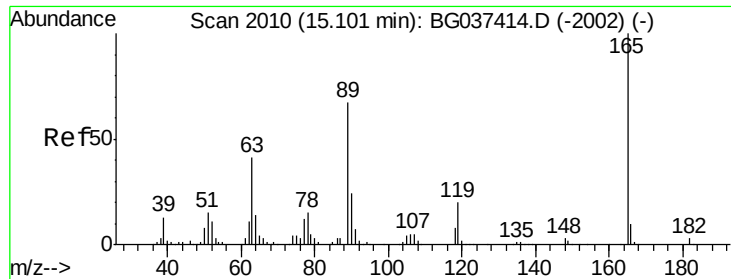
Tgt Ion:172 Resp: 924711
 Ion Ratio Lower Upper
 172 100
 171 38.3 31.0 46.4
 170 25.1 20.2 30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.770 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. 0.41 min
 Lab File: BG037780.D
 Acq: 3 Nov 2018 7:47

Tgt Ion:165 Resp: 22126
 Ion Ratio Lower Upper
 165 100
 63 1.3 43.4 65.2#
 89 1.5 45.8 68.6#

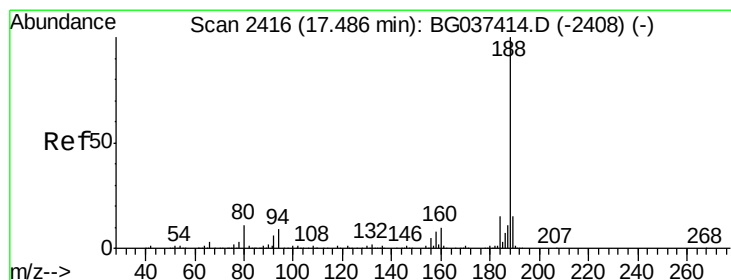
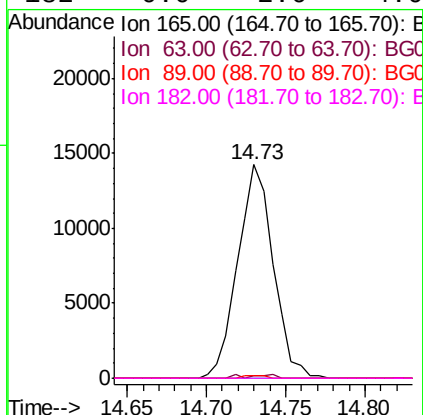
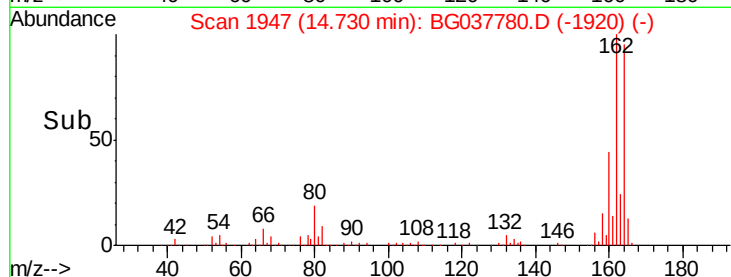
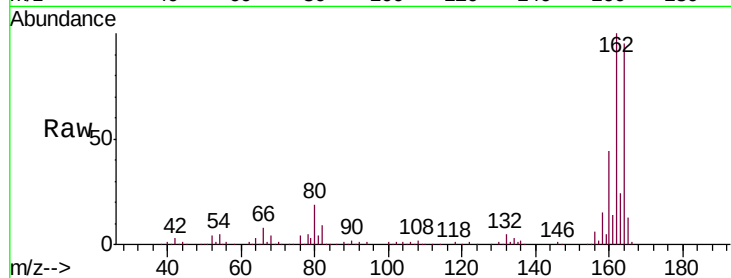




#57
2,4-Dinitrotoluene
Concen: 5.919 ng
RT: 14.73 min Scan# 1947
Delta R.T. -0.37 min
Lab File: BG037780.D
Acq: 3 Nov 2018 7:47

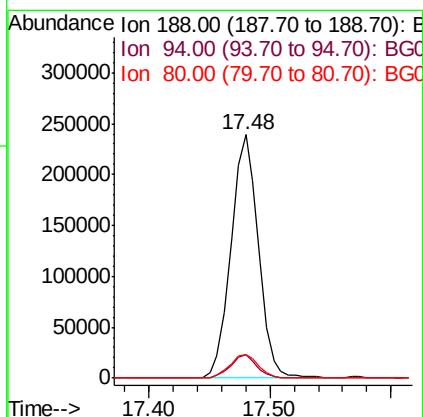
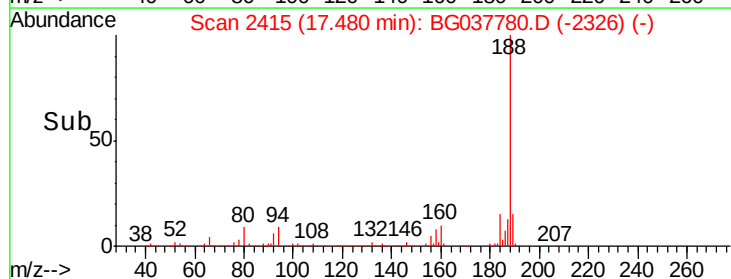
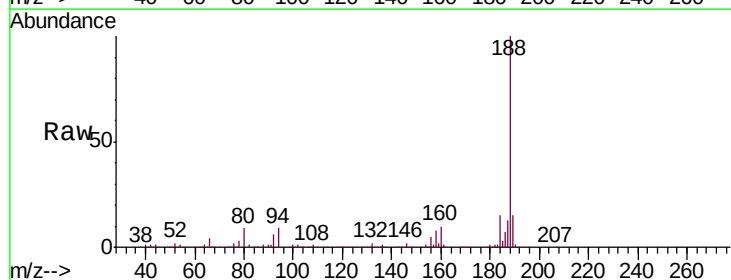
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CL-02-110118-B

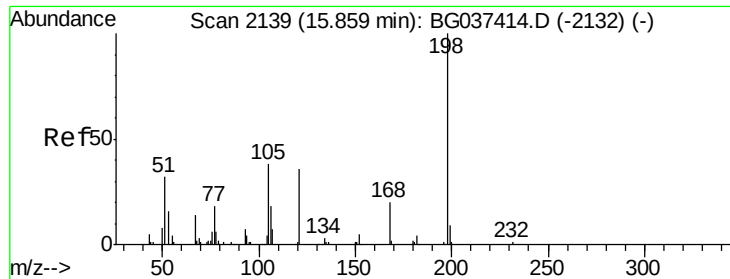
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	33.4	50.0#
89	1.5	57.2	85.8#
182	0.0	2.6	4.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG037780.D
Acq: 3 Nov 2018 7:47

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.2	10.8
80	9.4	7.7	11.5

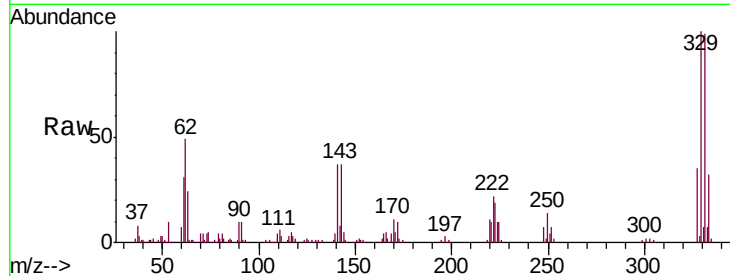




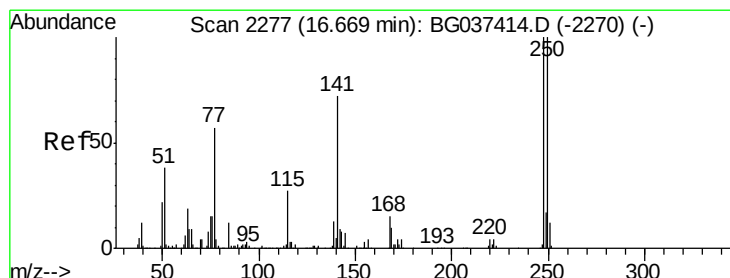
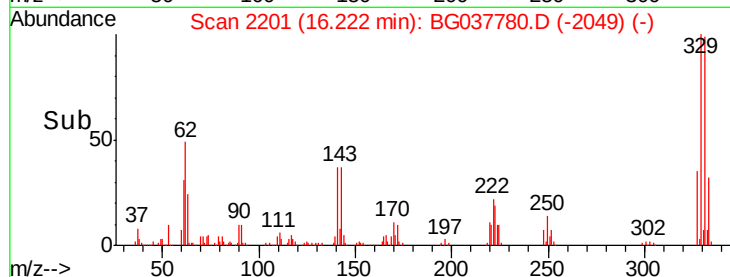
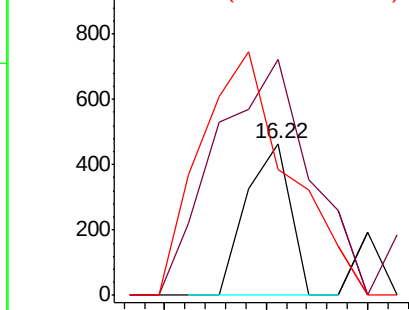
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.623 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. 0.36 min
 Lab File: BG037780.D
 Acq: 3 Nov 2018 7:47

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-110118-B

Tgt Ion:198 Resp: 279
 Ion Ratio Lower Upper
 198 100
 51 33.8 22.7 62.7
 105 18.0 19.7 59.7#

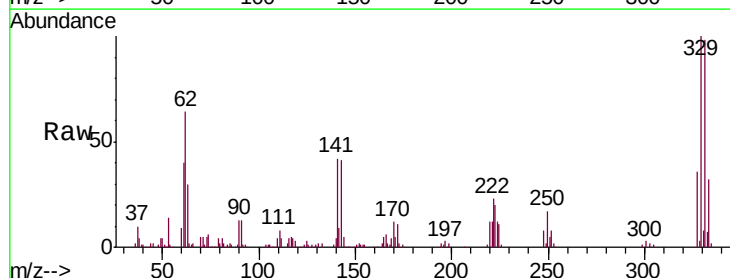


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

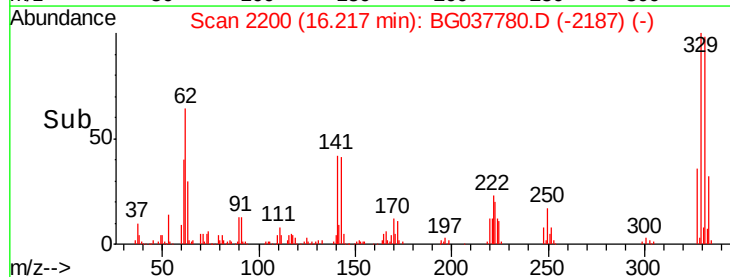
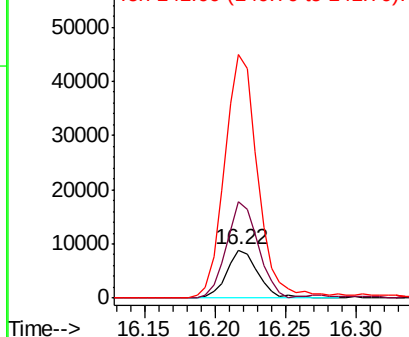


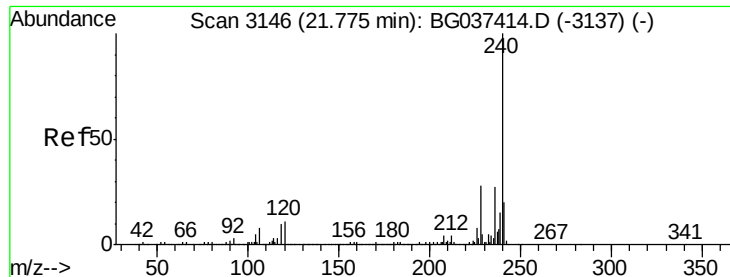
#67
 4-Bromophenyl-phenylether
 Concen: 3.323 ng
 RT: 16.22 min Scan# 2200
 Delta R.T. -0.45 min
 Lab File: BG037780.D
 Acq: 3 Nov 2018 7:47

Tgt Ion:248 Resp: 13796
 Ion Ratio Lower Upper
 248 100
 250 198.6 77.0 115.6#
 141 392.3 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

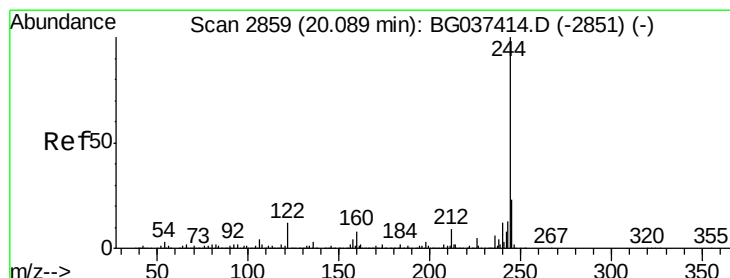
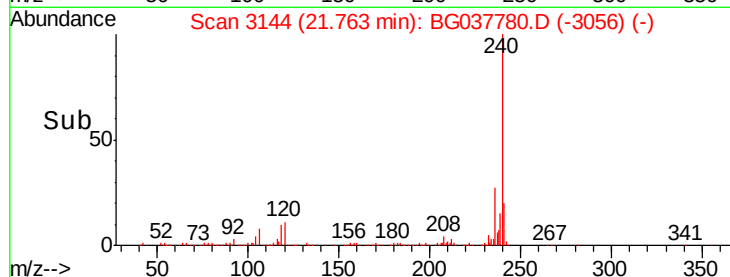
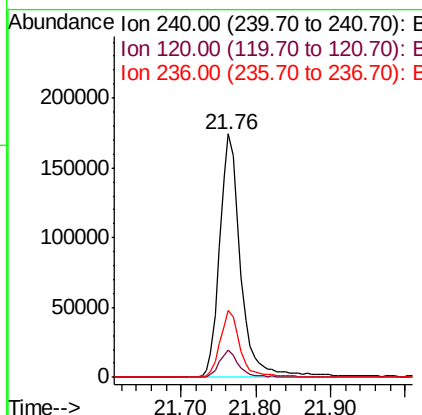
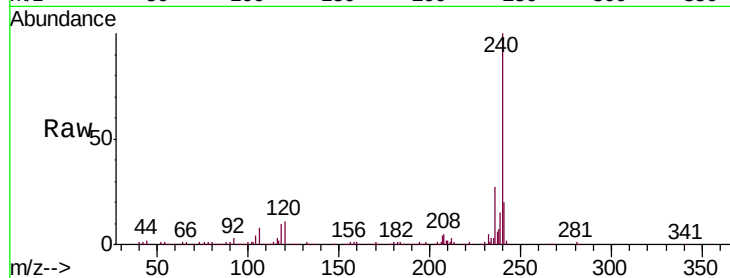




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG037780.D
Acq: 3 Nov 2018 7:47

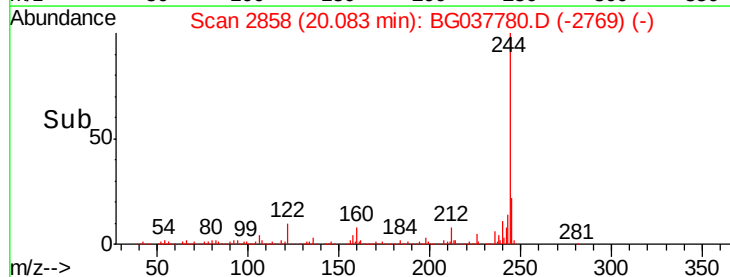
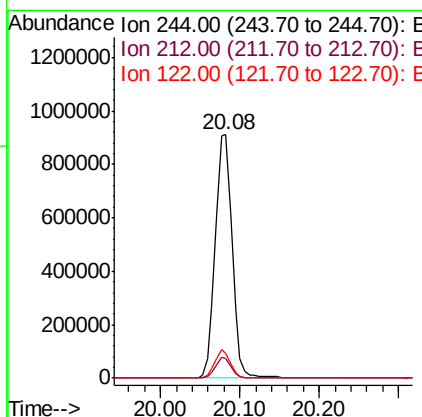
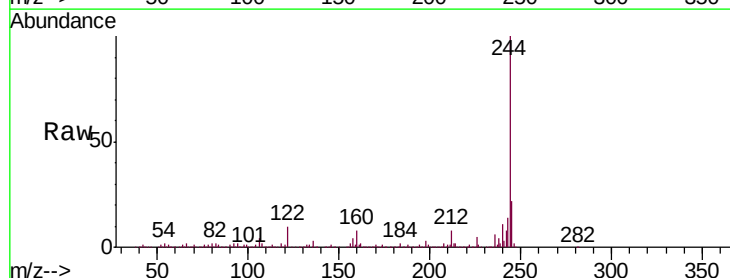
Instrument :
BNA_G
ClientSampleId :
CL-02-110118-B

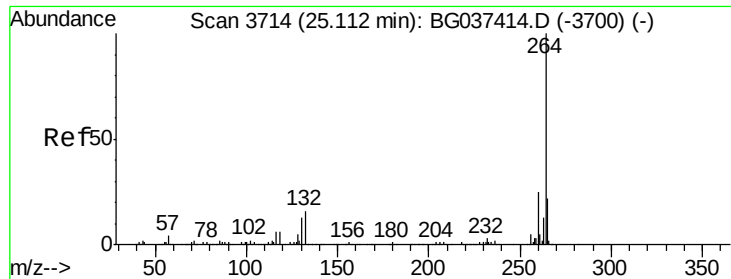
Tgt Ion:240 Resp: 342233
Ion Ratio Lower Upper
240 100
120 11.3 8.1 12.1
236 27.5 21.4 32.0



#79
Terphenyl-d14
Concen: 84.410 ng
RT: 20.08 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BG037780.D
Acq: 3 Nov 2018 7:47

Tgt Ion:244 Resp: 1351937
Ion Ratio Lower Upper
244 100
212 8.1 6.5 9.7
122 10.3 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: BG037780.D
Acq: 3 Nov 2018 7:47

Instrument :
BNA_G
ClientSampleId :
CL-02-110118-B

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.2	27.4
265	20.9	17.9	26.9

