

Data File : BG037779.D
Acq On : 3 Nov 2018 7:08
Operator : JU/SJ
Sample : J5767-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: Nov 05 03:53:00 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	57764	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	258863	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	170877	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	384568	20.00	ng	0.00
76) Chrysene-d12	21.77	240	347511	20.00	ng	0.00
87) Perylene-d12	25.10	264	284854	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	378850	109.65	ng	0.00
7) Phenol-d6	7.24	99	492692	94.30	ng	0.00
23) Nitrobenzene-d5	9.28	82	378007	81.80	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	198561	106.54	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	930532	82.12	ng	-0.01
79) Terphenyl-d14	20.08	244	1370308	84.26	ng	0.00

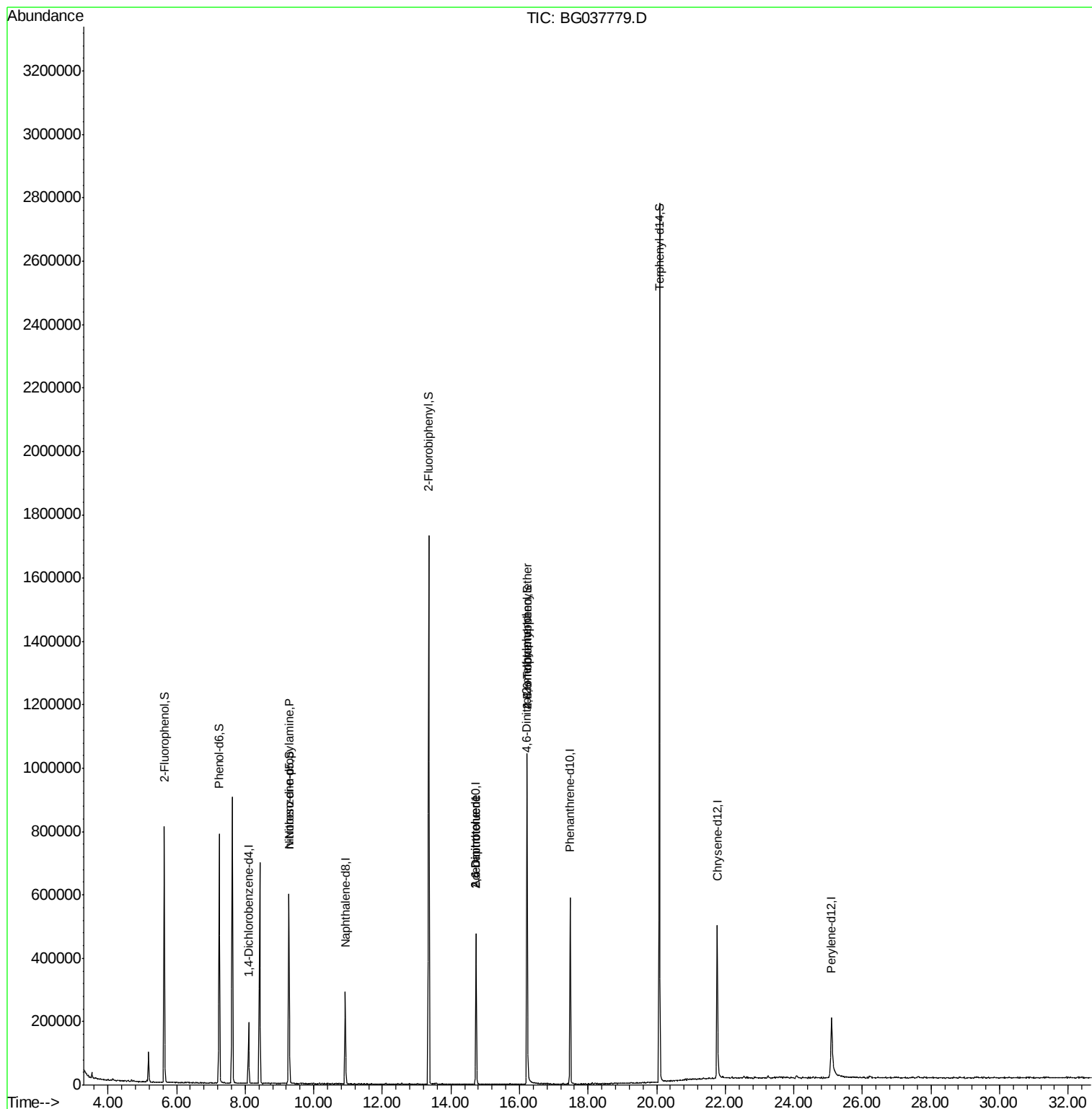
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	9.28	70	47714	13.262	ng	# 72
51) 2,6-Dinitrotoluene	14.73	165	21191	7.246	ng	# 25
57) 2,4-Dinitrotoluene	14.73	165	21191	5.520	ng	# 24
65) 4,6-Dinitro-2-methylphenol	16.21	198	787	8.828	ng	98
67) 4-Bromophenyl-phenylether	16.22	248	14421	3.415	ng	# 1

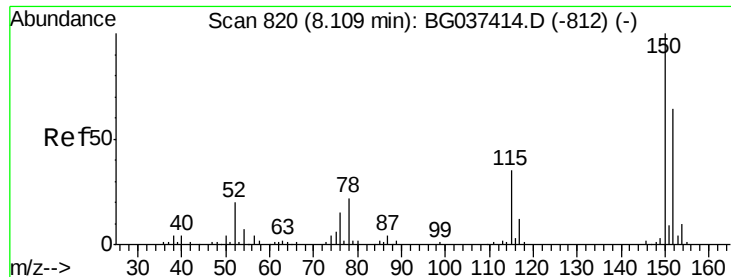
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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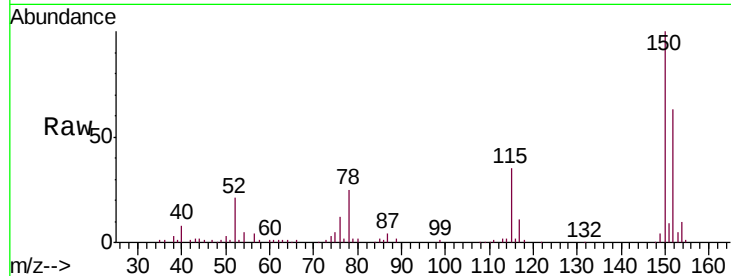


#1

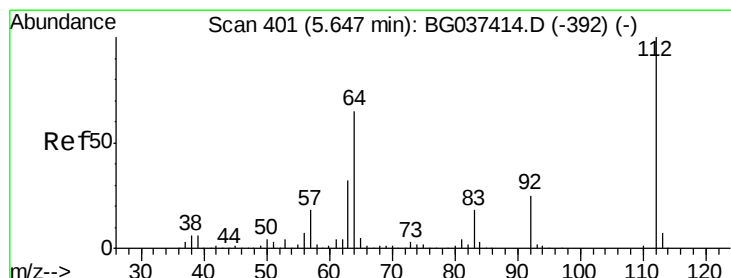
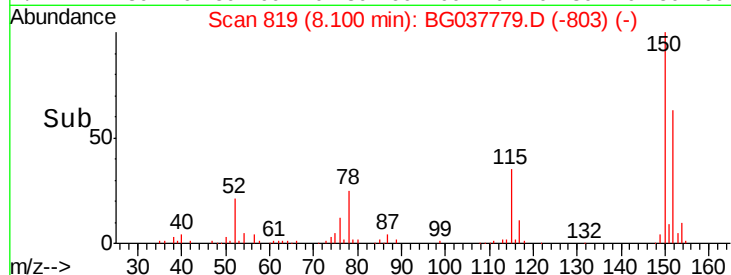
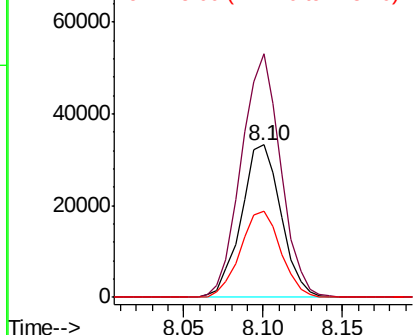
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037779.D
Acq: 3 Nov 2018 7:08

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

Tgt Ion:152 Resp: 57764
Ion Ratio Lower Upper
152 100
150 159.9 126.0 189.0
115 56.4 45.5 68.3



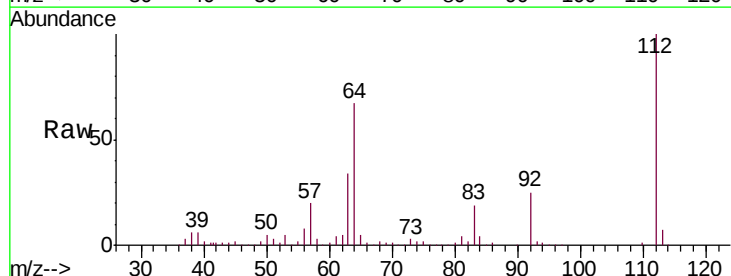
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



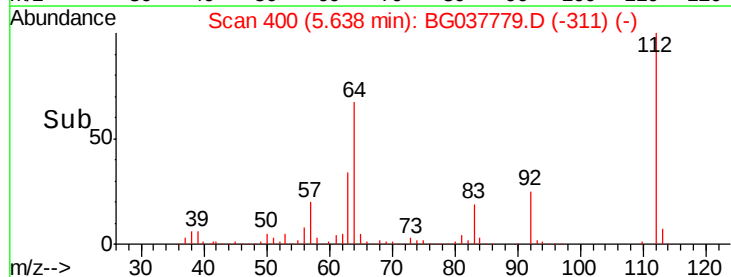
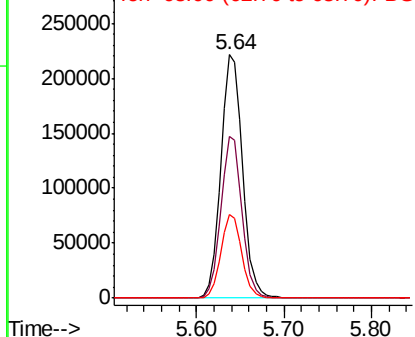
#5

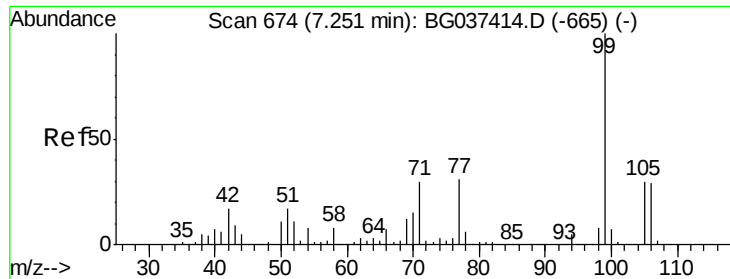
2-Fluorophenol
Concen: 109.650 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037779.D
Acq: 3 Nov 2018 7:08

Tgt Ion:112 Resp: 378850
Ion Ratio Lower Upper
112 100
64 66.7 53.1 79.7
63 34.2 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: 94.304 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037779.D

Acq: 3 Nov 2018 7:08

Instrument :

BNA_G

ClientSampleId :

CL-02-110118-A

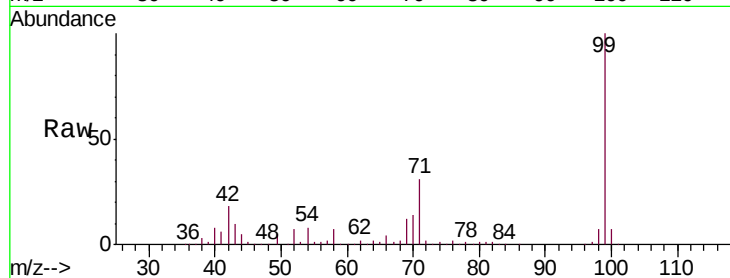
Tgt Ion: 99 Resp: 492692

Ion Ratio Lower Upper

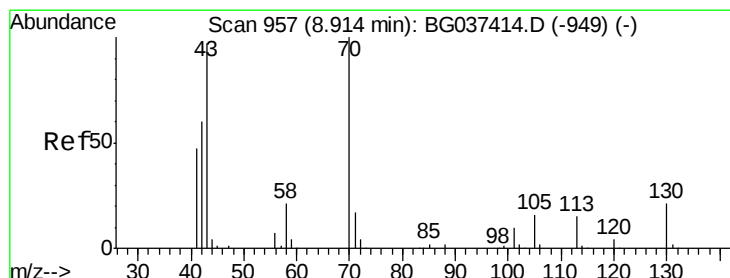
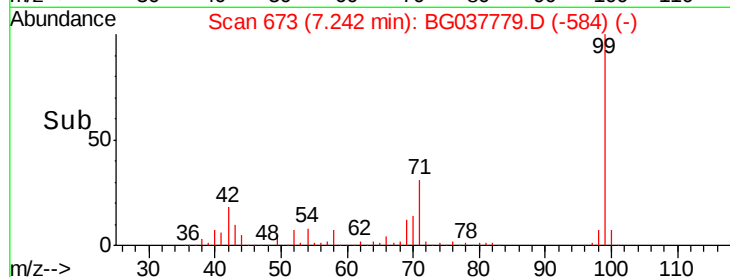
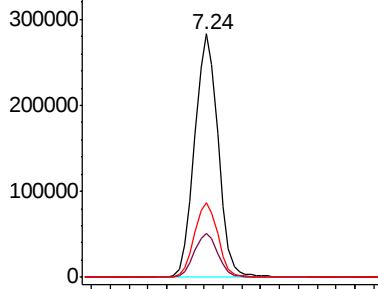
99 100

42 17.9 15.0 22.4

71 30.8 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: 13.262 ng

RT: 9.28 min Scan# 1019

Delta R.T. 0.36 min

Lab File: BG037779.D

Acq: 3 Nov 2018 7:08

Tgt Ion: 70 Resp: 47714

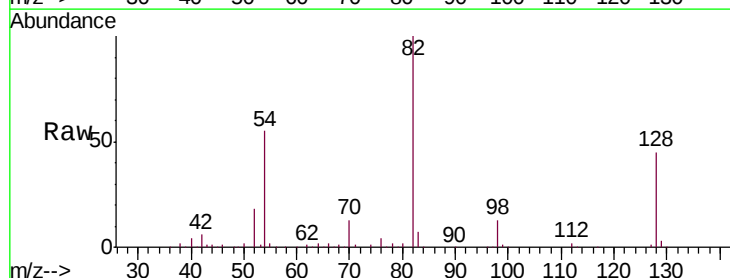
Ion Ratio Lower Upper

70 100

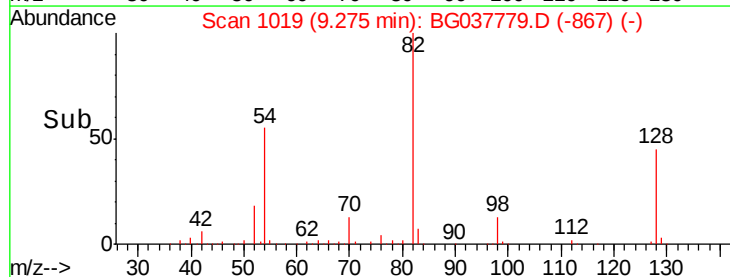
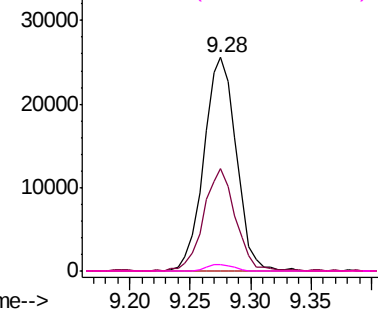
42 48.2 53.9 80.9#

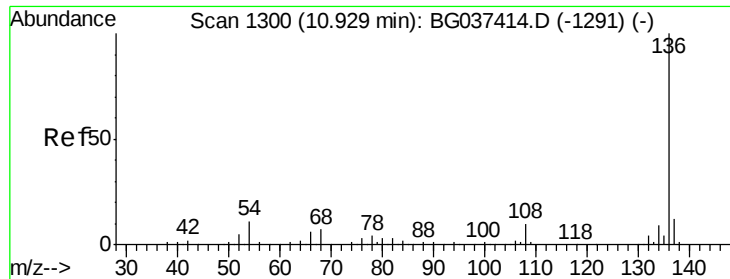
101 0.0 8.2 12.2#

130 3.0 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

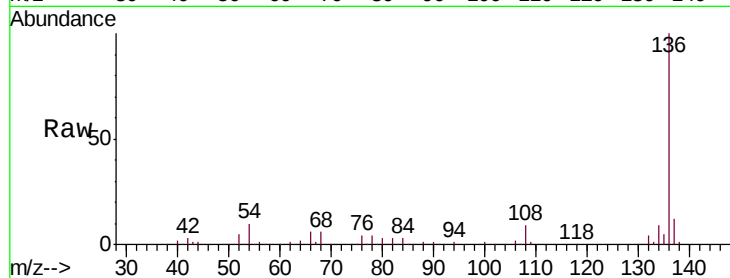




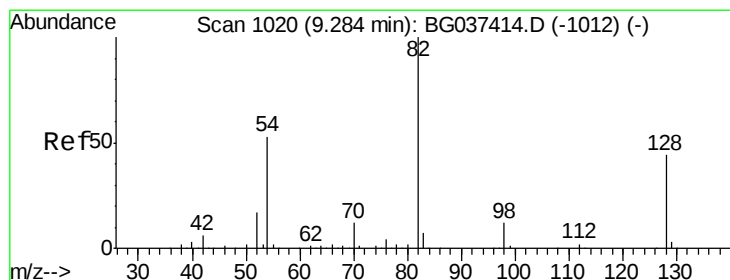
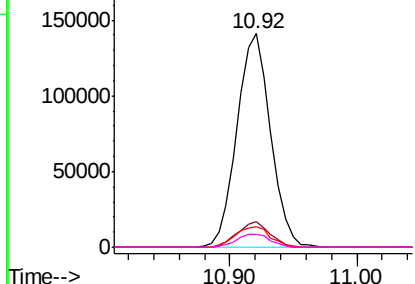
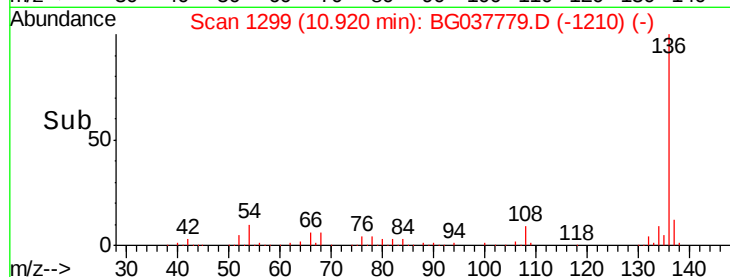
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037779.D
Acq: 3 Nov 2018 7:08

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

Tgt Ion: 136 Resp: 258863
Ion Ratio Lower Upper
136 100
137 11.9 9.6 14.4
54 9.9 7.9 11.9
68 6.2 4.8 7.2

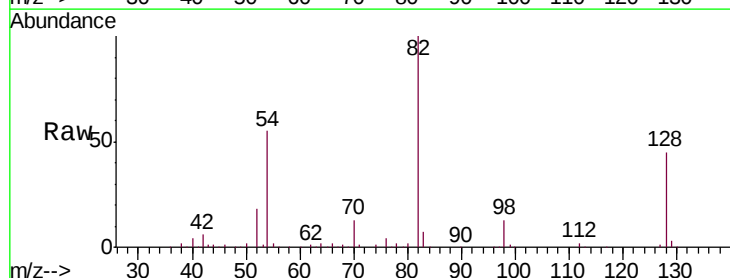


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

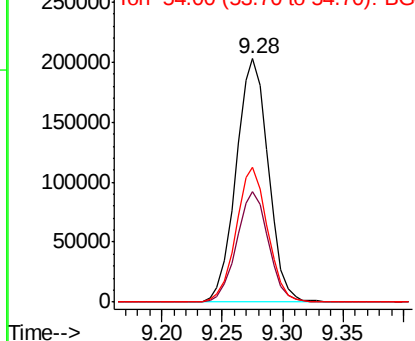
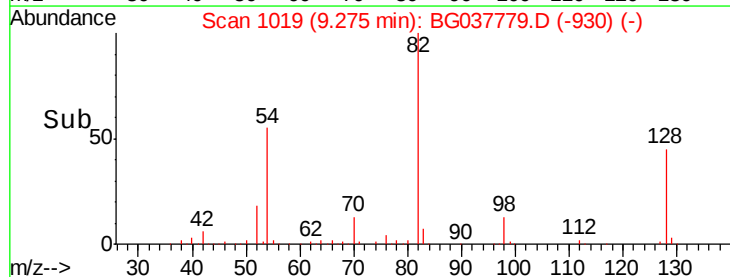


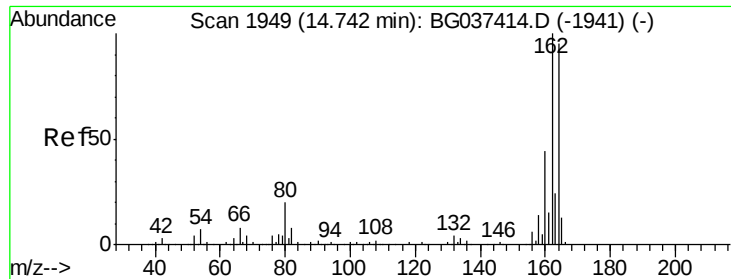
#23
Nitrobenzene-d5
Concen: 81.802 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037779.D
Acq: 3 Nov 2018 7:08

Tgt Ion: 82 Resp: 378007
Ion Ratio Lower Upper
82 100
128 45.3 34.6 51.8
54 55.5 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# 1948

Delta R.T. -0.01 min

Lab File: BG037779.D

Acq: 3 Nov 2018 7:08

Instrument :

BNA_G

ClientSampleId :

CL-02-110118-A

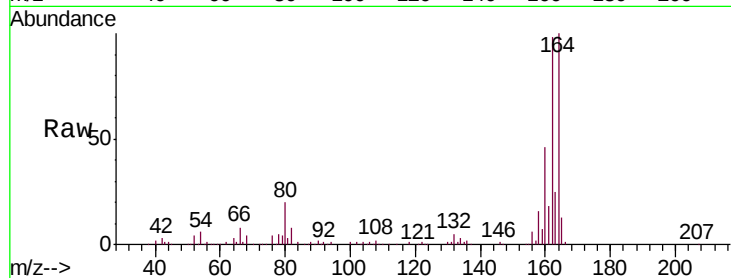
Tgt Ion:164 Resp: 170877

Ion Ratio Lower Upper

164 100

162 98.1 81.3 121.9

160 45.9 36.3 54.5

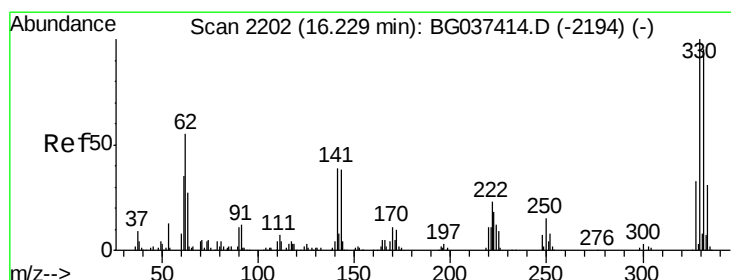
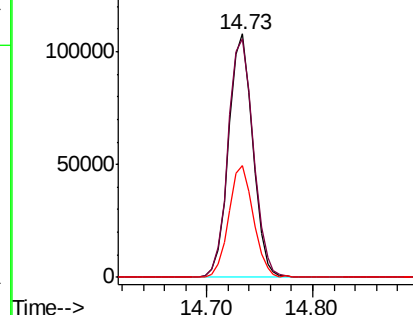
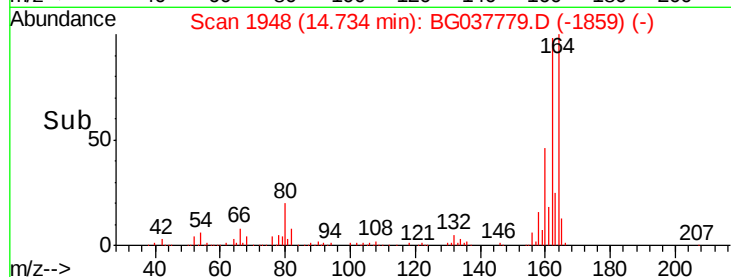


Abundance

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: 106.539 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037779.D

Acq: 3 Nov 2018 7:08

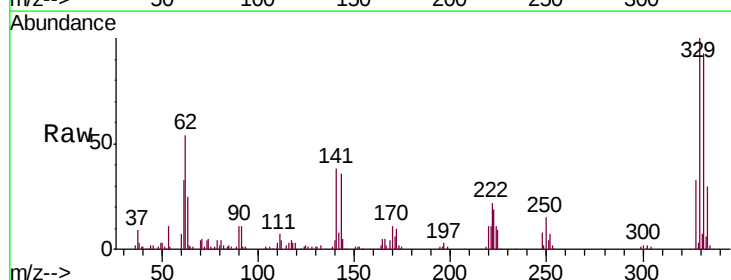
Tgt Ion:330 Resp: 198561

Ion Ratio Lower Upper

330 100

332 96.9 78.4 117.6

141 39.1 32.2 48.2

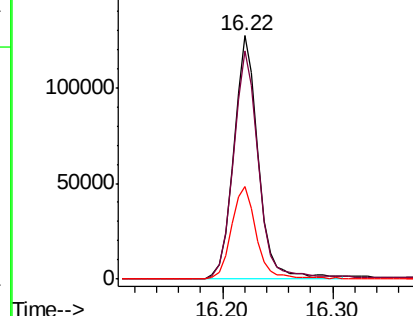
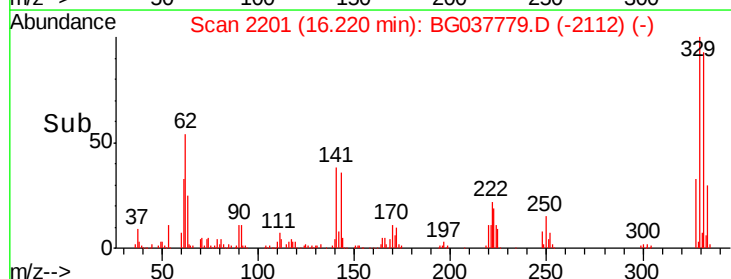


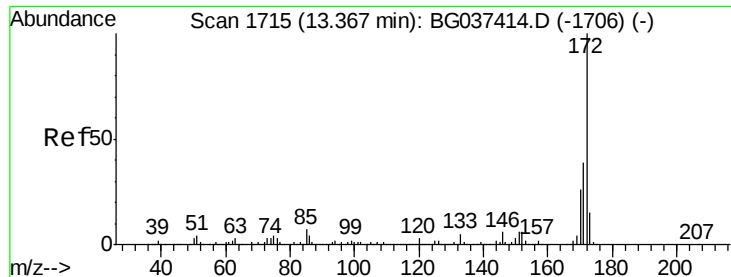
Abundance

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

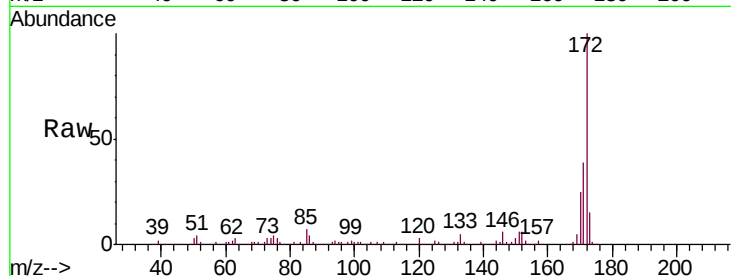




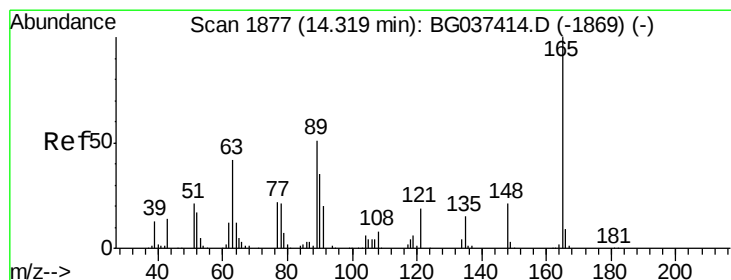
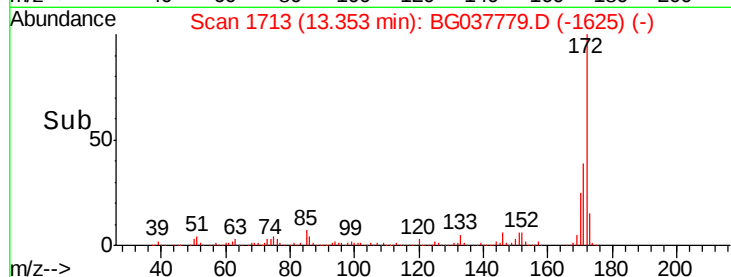
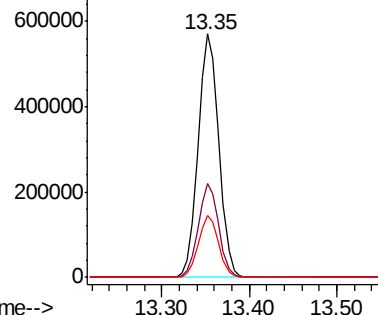
#45
 2-Fluorobiphenyl
 Concen: 82.117 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG037779.D
 Acq: 3 Nov 2018 7:08

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

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.6	31.0	46.4
170	25.3	20.2	30.2

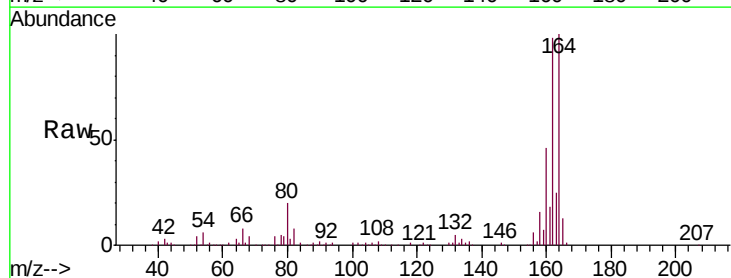


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

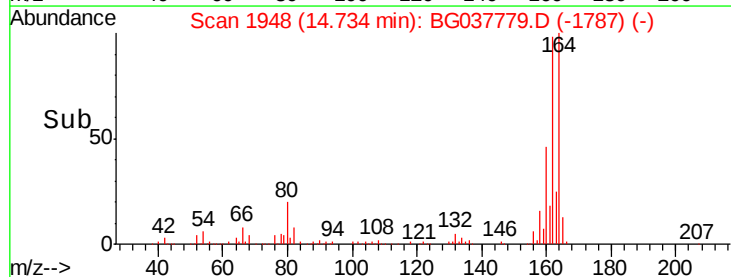
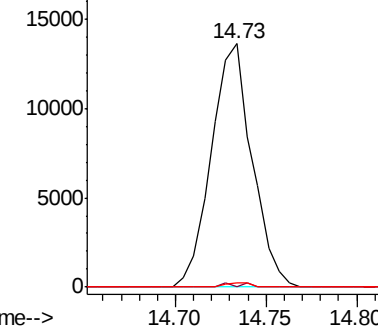


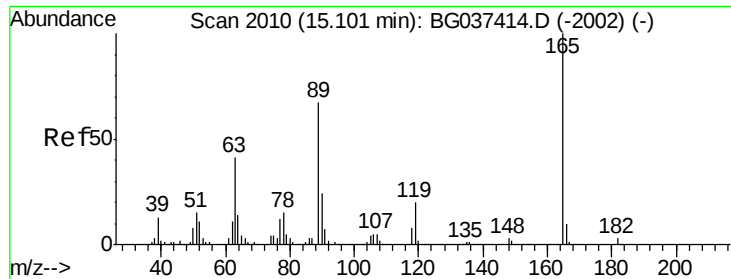
#51
 2,6-Dinitrotoluene
 Concen: 7.246 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. 0.41 min
 Lab File: BG037779.D
 Acq: 3 Nov 2018 7:08

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	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

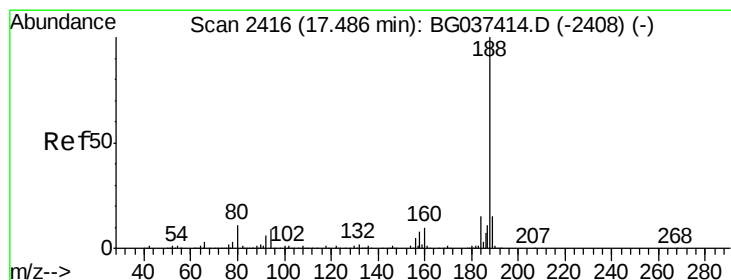
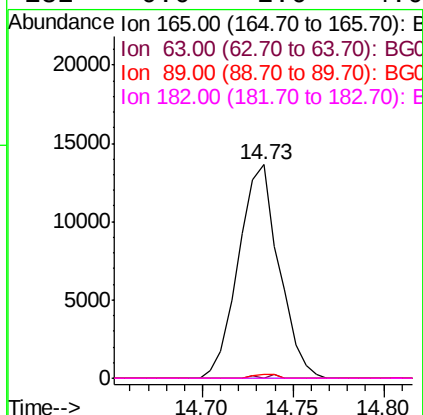
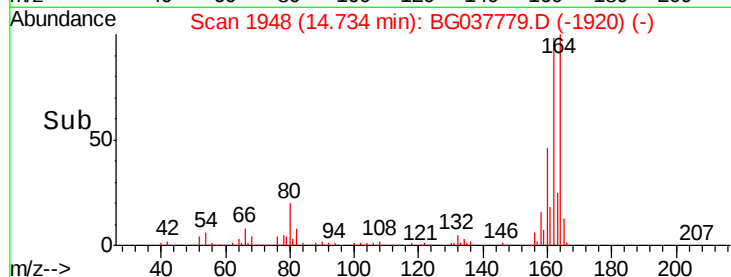
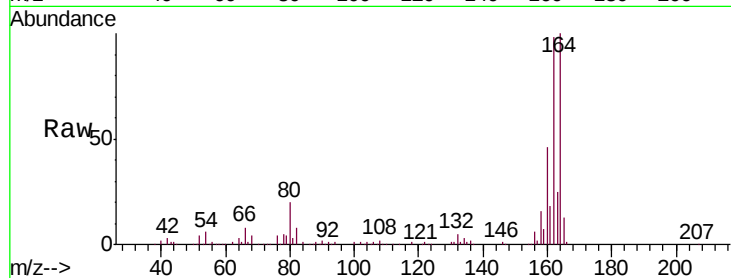




#57
2,4-Dinitrotoluene
Concen: 5.520 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.37 min
Lab File: BG037779.D
Acq: 3 Nov 2018 7:08

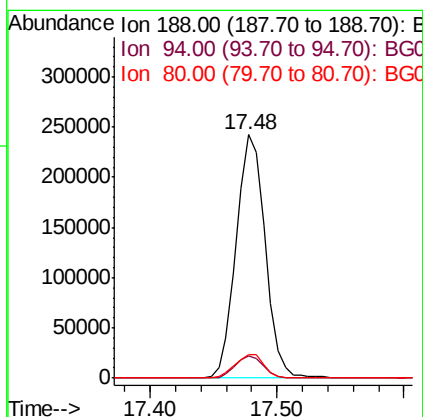
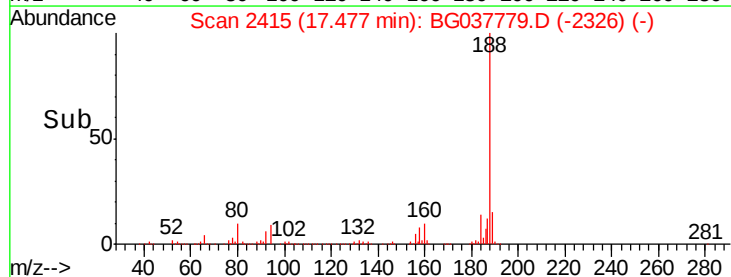
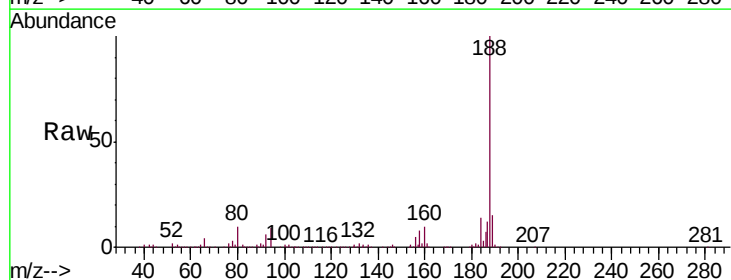
Instrument :
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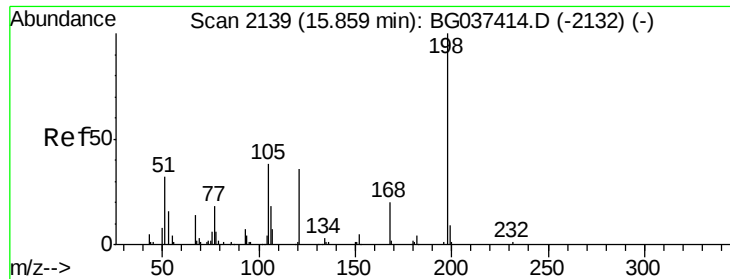
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	1.8	57.2	85.8#
182	0.0	2.6	4.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG037779.D
Acq: 3 Nov 2018 7:08

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.2	10.8
80	9.6	7.7	11.5

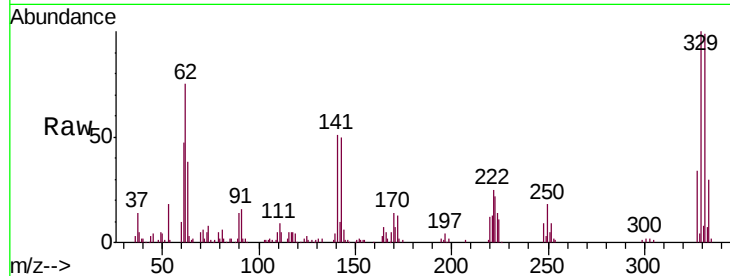




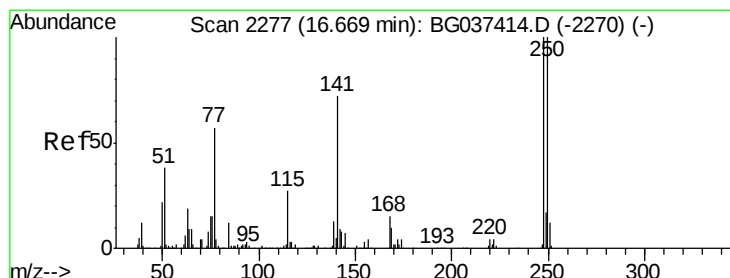
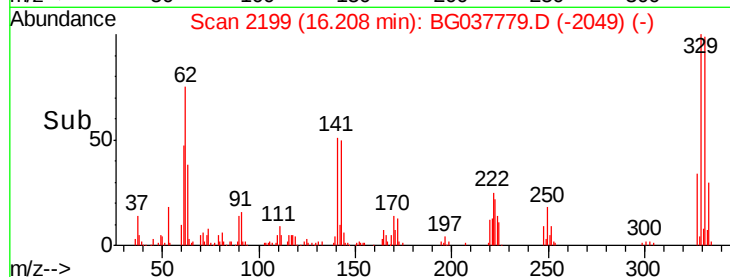
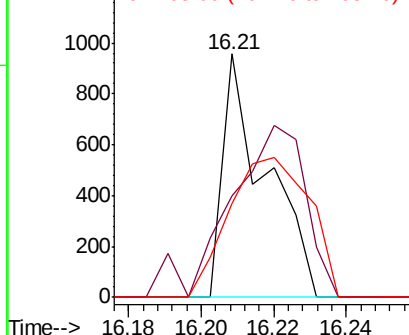
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.828 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. 0.35 min
 Lab File: BG037779.D
 Acq: 3 Nov 2018 7:08

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

Tgt Ion:198 Resp: 787
 Ion Ratio Lower Upper
 198 100
 51 41.6 22.7 62.7
 105 38.8 19.7 59.7

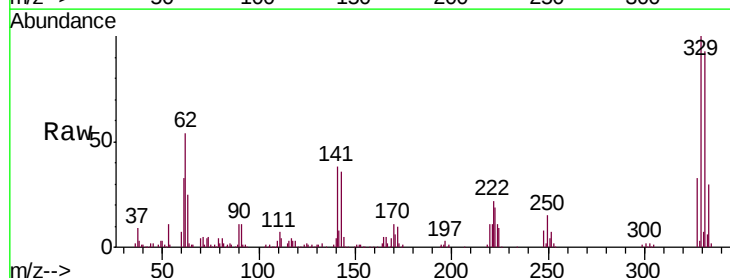


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG0
 Ion 105.00 (104.70 to 105.70): E

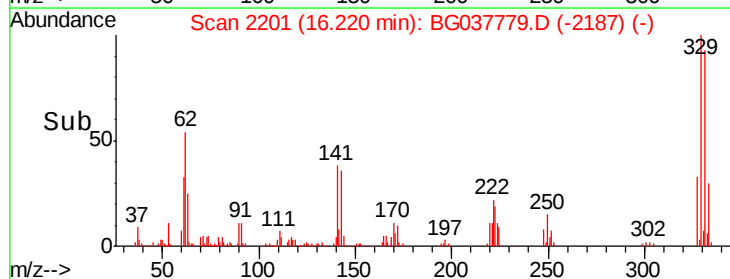
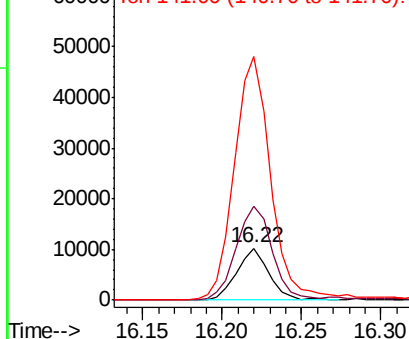


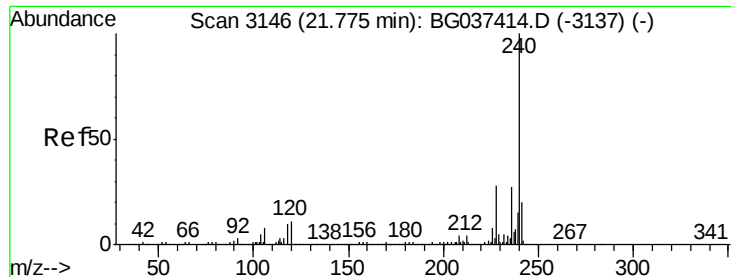
#67
 4-Bromophenyl-phenylether
 Concen: 3.415 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.45 min
 Lab File: BG037779.D
 Acq: 3 Nov 2018 7:08

Tgt Ion:248 Resp: 14421
 Ion Ratio Lower Upper
 248 100
 250 179.7 77.0 115.6#
 141 364.4 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

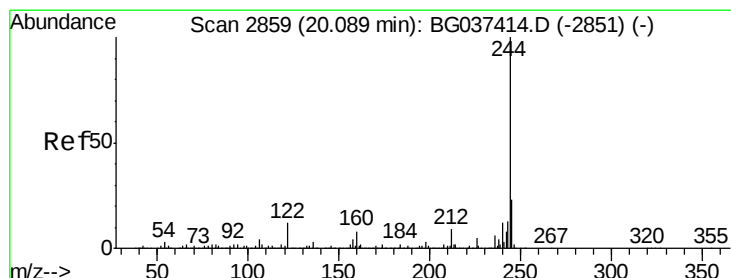
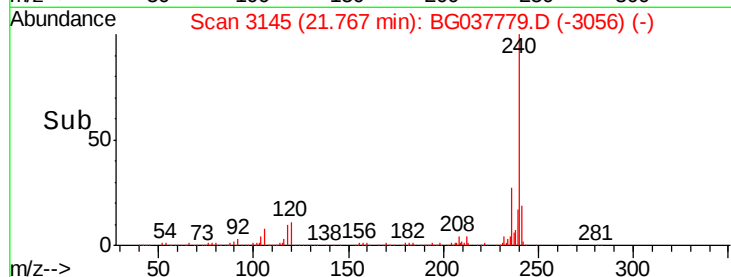
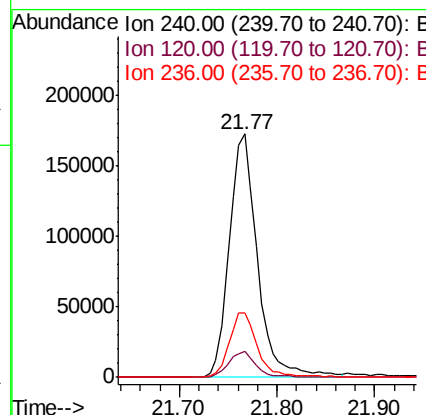
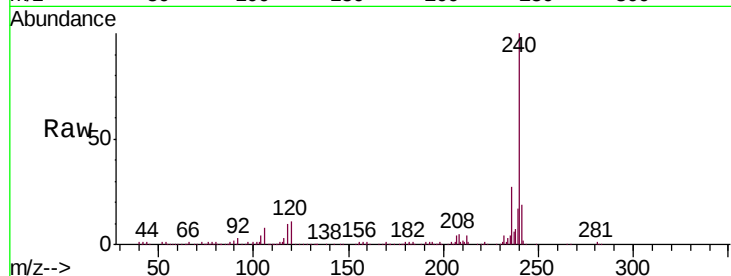




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG037779.D
Acq: 3 Nov 2018 7:08

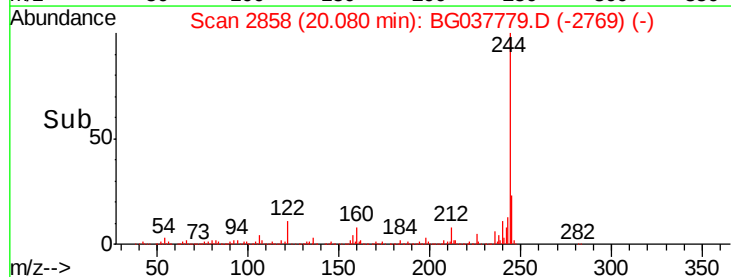
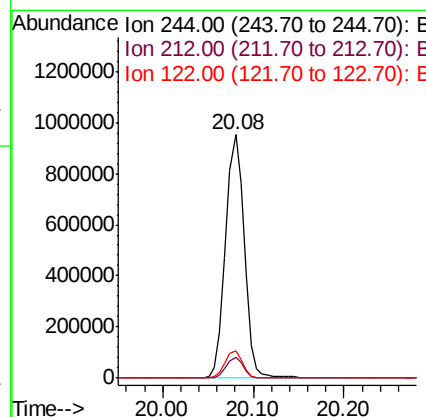
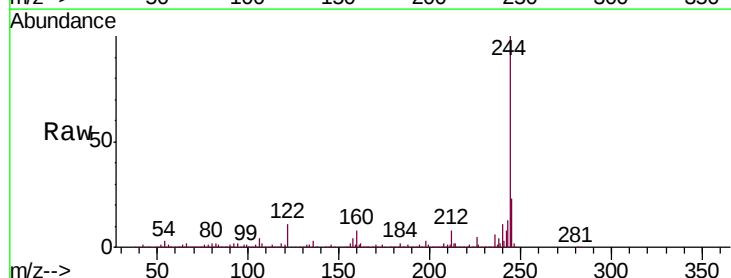
Instrument :
BNA_G
ClientSampleId :
CL-02-110118-A

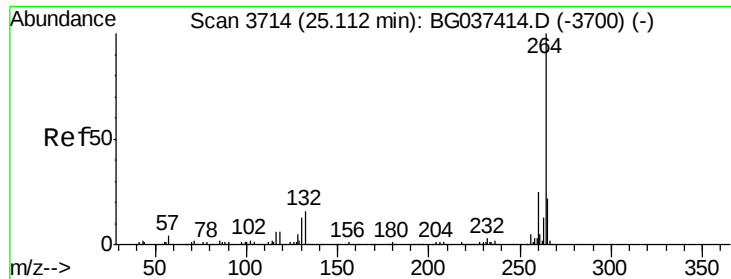
Tgt Ion:240 Resp: 347511
Ion Ratio Lower Upper
240 100
120 10.7 8.1 12.1
236 26.7 21.4 32.0



#79
Terphenyl-d14
Concen: 84.257 ng
RT: 20.08 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BG037779.D
Acq: 3 Nov 2018 7:08

Tgt Ion:244 Resp: 1370308
Ion Ratio Lower Upper
244 100
212 8.4 6.5 9.7
122 11.4 9.0 13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3713
Delta R.T. -0.01 min
Lab File: BG037779.D
Acq: 3 Nov 2018 7:08

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

Tgt Ion: 264 Resp: 284854
Ion Ratio Lower Upper
264 100
260 22.4 18.2 27.4
265 22.0 17.9 26.9

