

Data File : BG038240.D
Acq On : 29 Nov 2018 19:41
Operator : JU/SJ
Sample : J5767-18
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CL-02-112818-A

Quant Time: Nov 30 00:25:02 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 16:39:28 2018
Response via : Initial Calibration

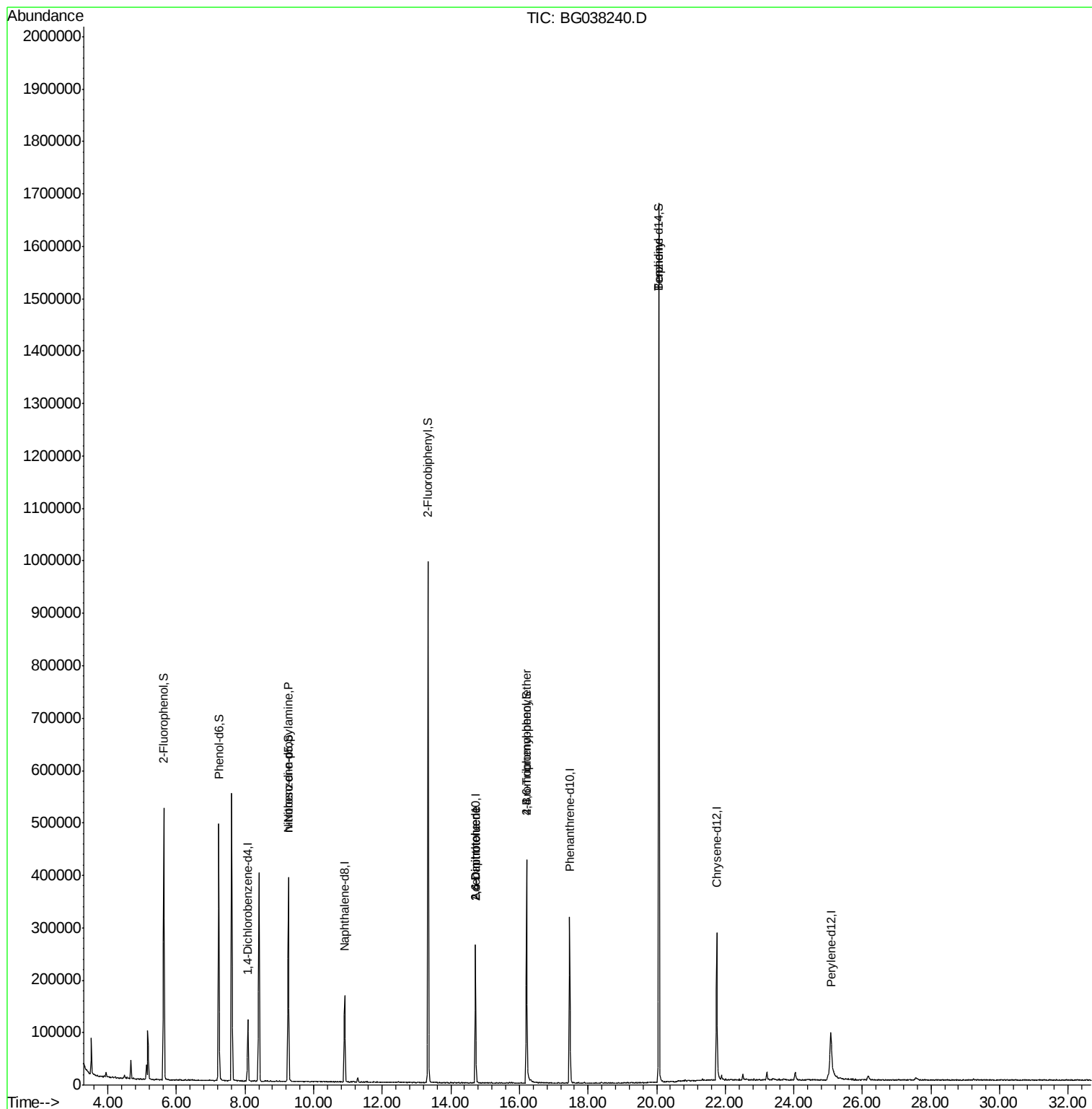
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	33779	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	145649	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	92921	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	207594	20.00	ng	0.00
76) Chrysene-d12	21.75	240	197110	20.00	ng	0.00
87) Perylene-d12	25.08	264	158270	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	225369	115.19	ng	0.00
7) Phenol-d6	7.23	99	290099	103.88	ng	0.00
23) Nitrobenzene-d5	9.26	82	236472	86.91	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	86974	82.07	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	527201	82.66	ng	-0.01
79) Terphenyl-d14	20.06	244	826226	98.63	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.26	70	30280	14.985	ng	# 79
51) 2,6-Dinitrotoluene	14.72	165	11671	7.000	ng	# 25
57) 2,4-Dinitrotoluene	14.72	165	11671	5.145	ng	# 25
67) 4-Bromophenyl-phenylether	16.20	248	6191	2.717	ng	# 1
77) Benzidine	20.06	184	14498	2.096	ng	# 92

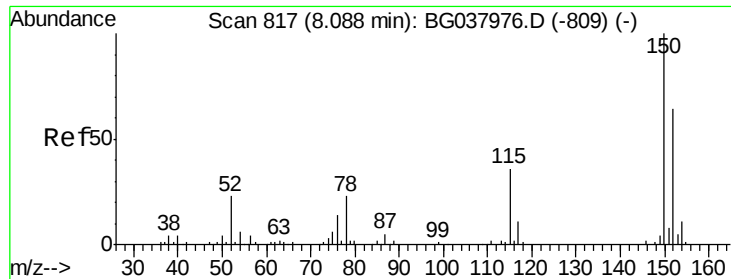
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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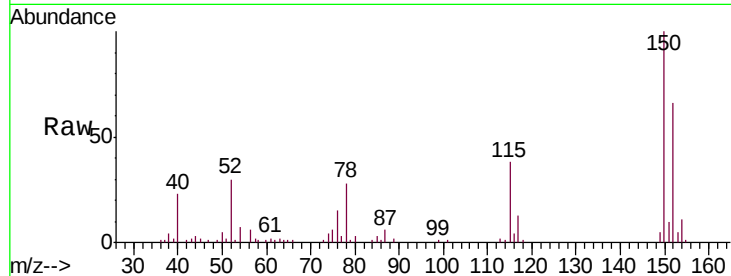




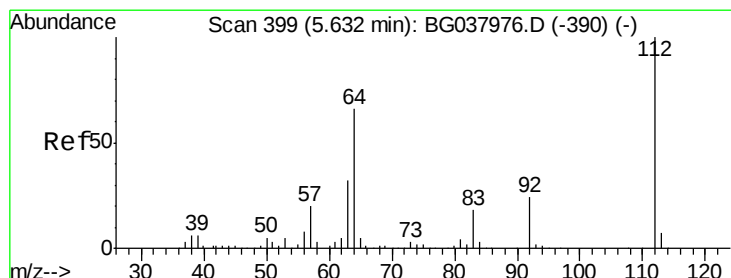
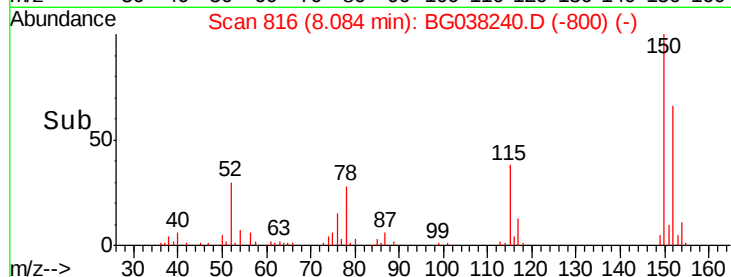
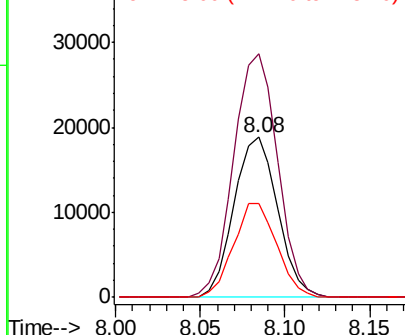
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.08 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BG038240.D
 Acq: 29 Nov 2018 19:41

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-112818-A

Tgt Ion:152 Resp: 33779
 Ion Ratio Lower Upper
 152 100
 150 151.9 126.0 189.0
 115 58.3 45.5 68.3

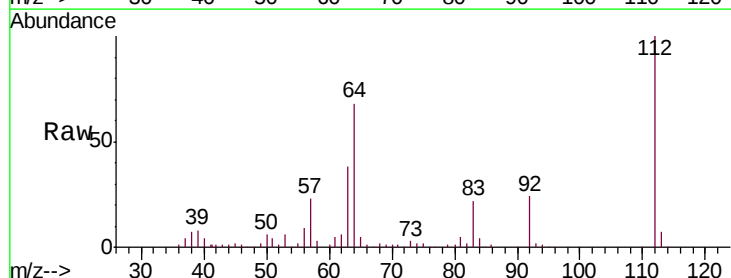


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

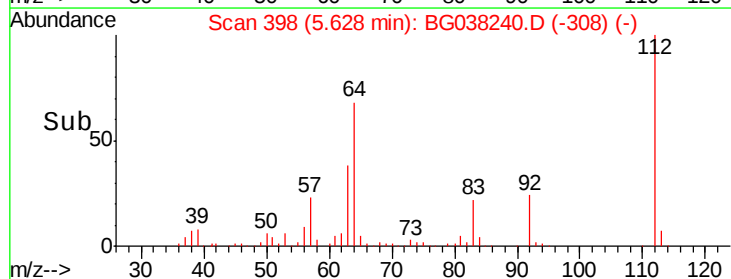
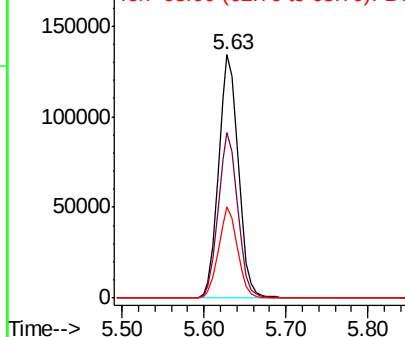


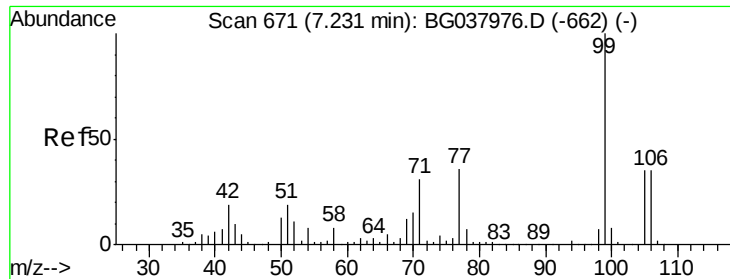
#5
 2-Fluorophenol
 Concen: 115.194 ng
 RT: 5.63 min Scan# 398
 Delta R.T. -0.00 min
 Lab File: BG038240.D
 Acq: 29 Nov 2018 19:41

Tgt Ion:112 Resp: 225369
 Ion Ratio Lower Upper
 112 100
 64 68.1 53.1 79.7
 63 37.7 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: 103.878 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038240.D

Acq: 29 Nov 2018 19:41

Instrument :

BNA_G

ClientSampleId :

CL-02-112818-A

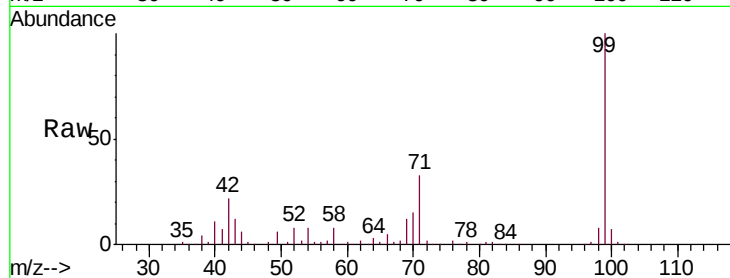
Tgt Ion: 99 Resp: 290099

Ion Ratio Lower Upper

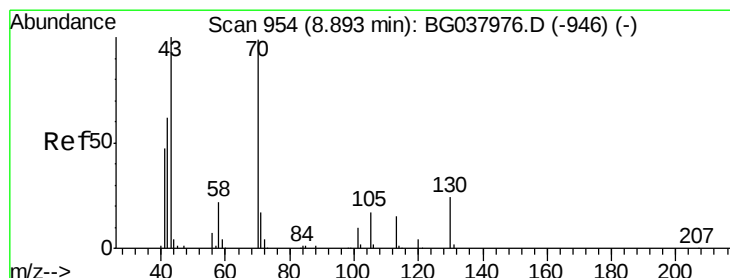
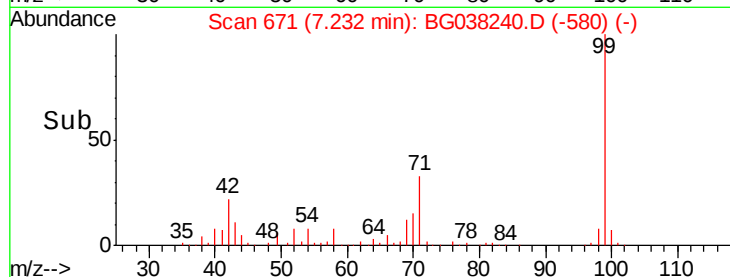
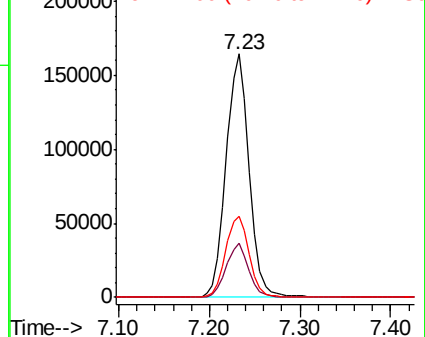
99 100

42 22.0 15.0 22.4

71 33.1 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: 14.985 ng

RT: 9.26 min Scan# 1016

Delta R.T. 0.37 min

Lab File: BG038240.D

Acq: 29 Nov 2018 19:41

Tgt Ion: 70 Resp: 30280

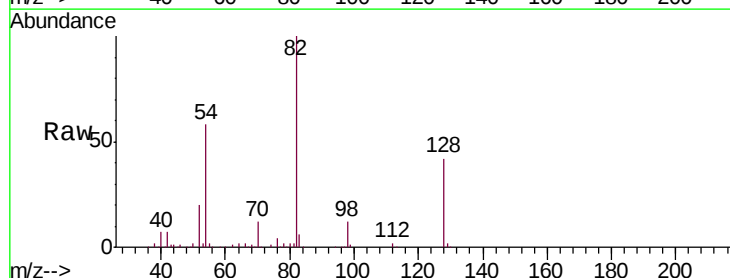
Ion Ratio Lower Upper

70 100

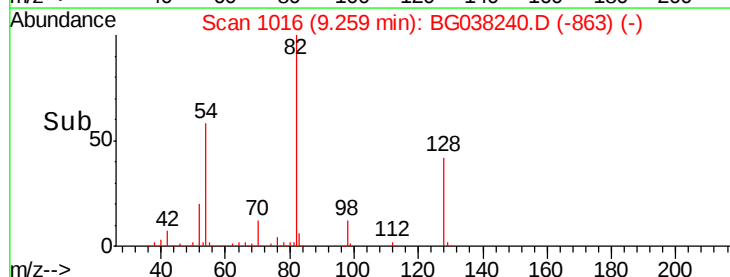
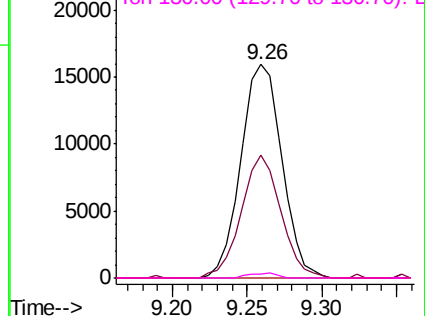
42 57.7 53.9 80.9

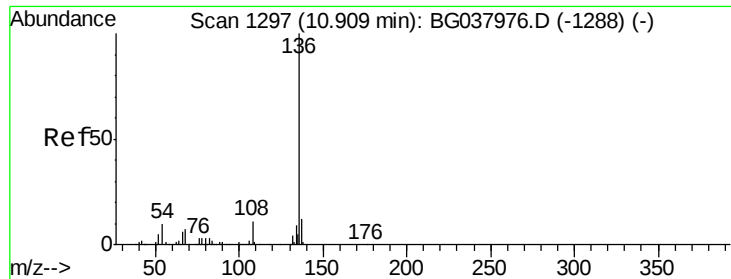
101 0.0 8.2 12.2#

130 2.0 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

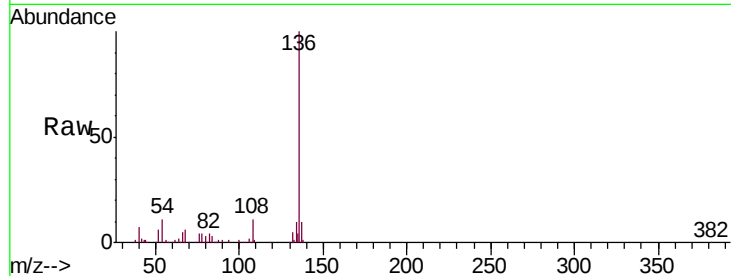




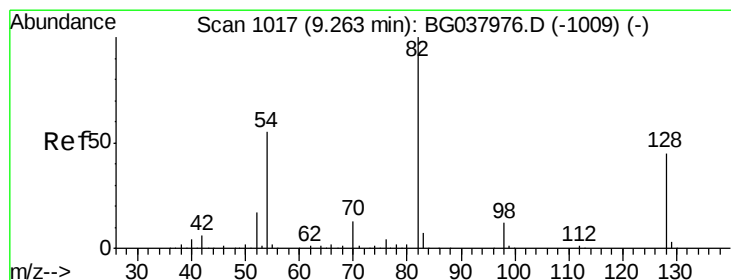
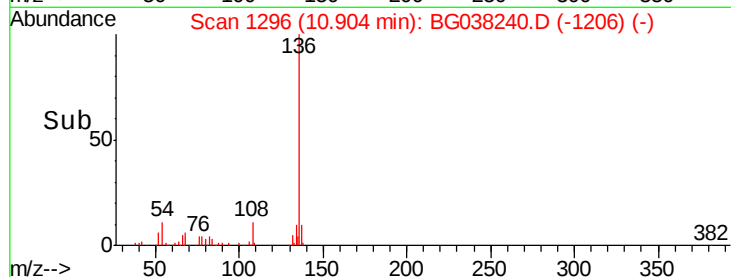
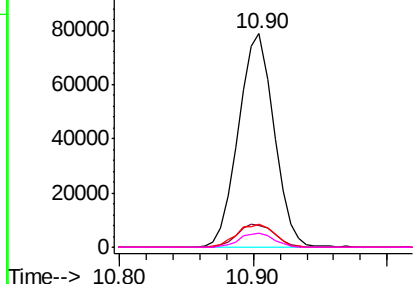
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BG038240.D
Acq: 29 Nov 2018 19:41

Instrument :
BNA_G
ClientSampleId :
CL-02-112818-A

Tgt Ion:	136	Resp:	145649
Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.6	14.4
54	10.7	7.9	11.9
68	6.3	4.8	7.2

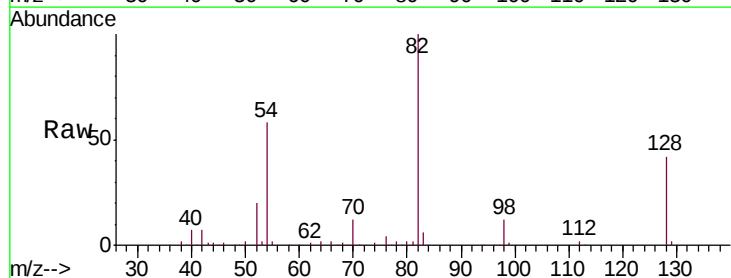


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

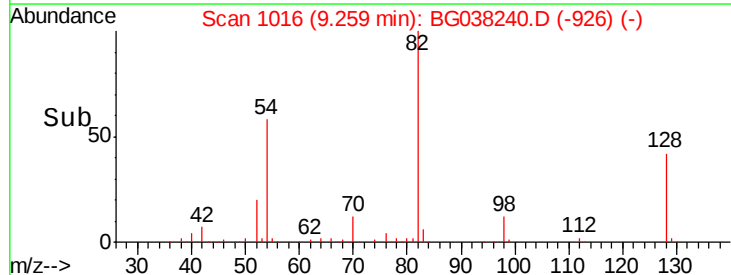
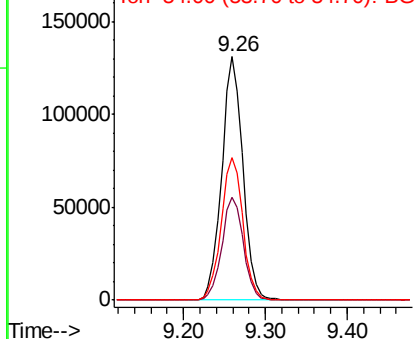


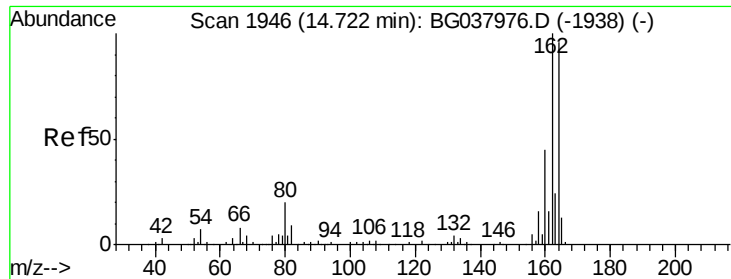
#23
Nitrobenzene-d5
Concen: 86.911 ng
RT: 9.26 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BG038240.D
Acq: 29 Nov 2018 19:41

Tgt Ion:	82	Resp:	236472
Ion	Ratio	Lower	Upper
82	100		
128	42.2	34.6	51.8
54	58.4	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

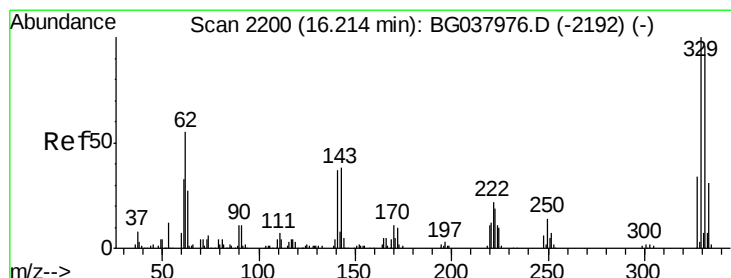
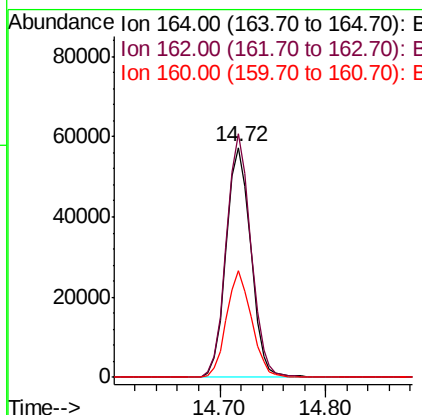
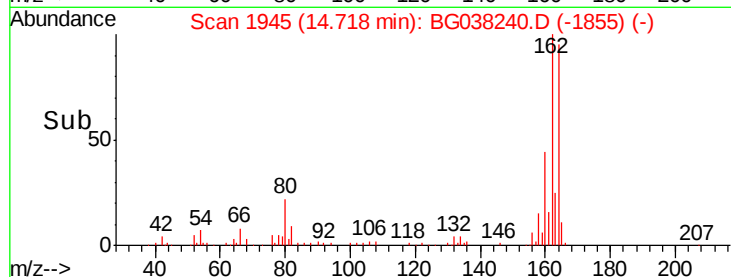
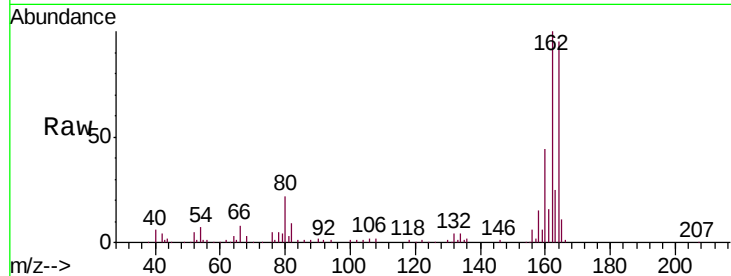




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BG038240.D
Acq: 29 Nov 2018 19:41

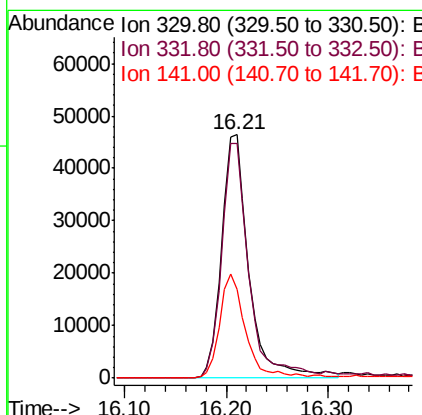
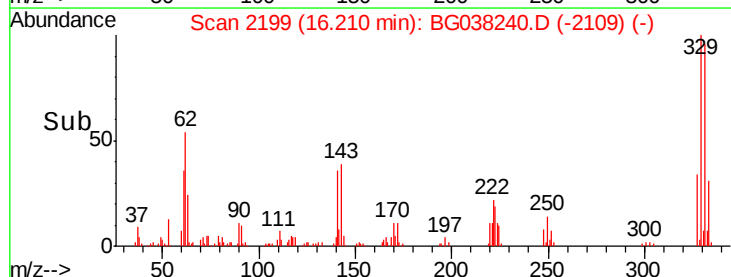
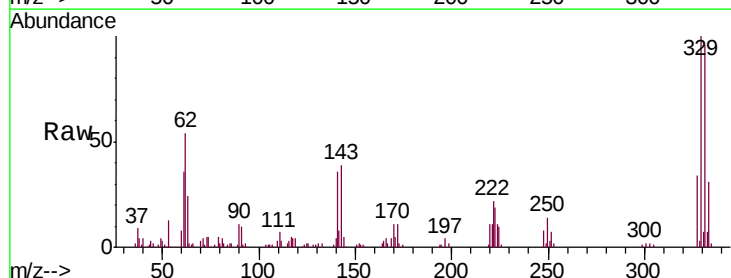
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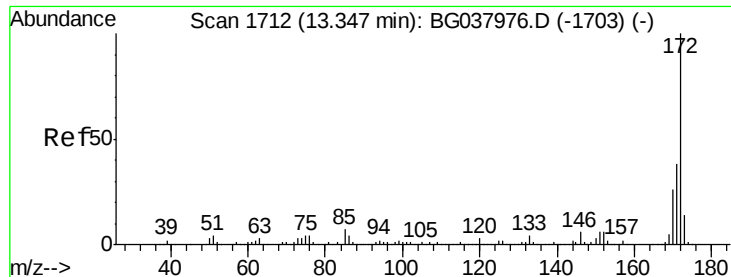
Tgt Ion:164 Resp: 92921
Ion Ratio Lower Upper
164 100
162 105.8 81.3 121.9
160 46.5 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 82.071 ng
RT: 16.21 min Scan# 2199
Delta R.T. -0.00 min
Lab File: BG038240.D
Acq: 29 Nov 2018 19:41

Tgt Ion:330 Resp: 86974
Ion Ratio Lower Upper
330 100
332 95.7 78.4 117.6
141 40.4 32.2 48.2

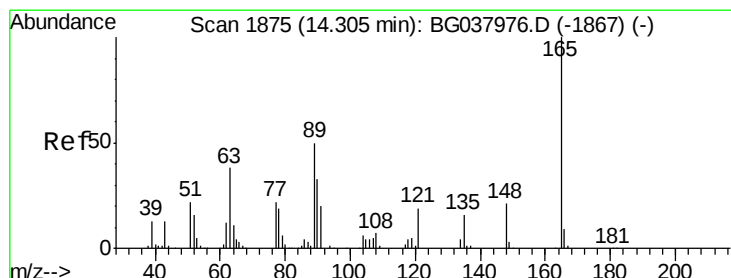
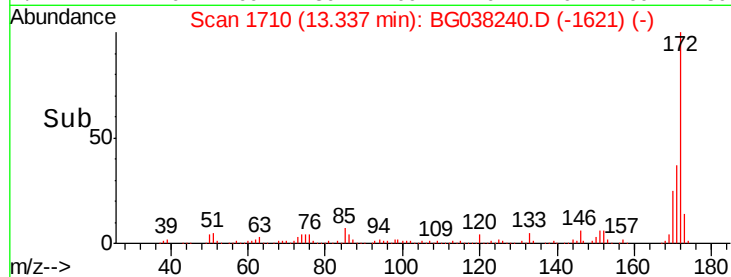
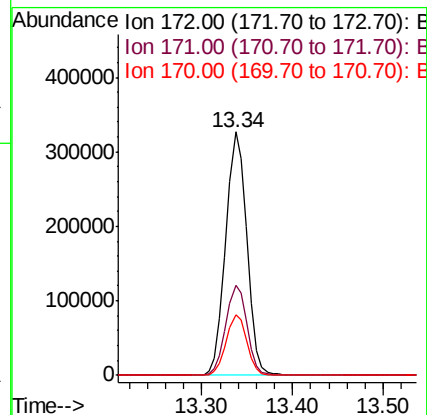
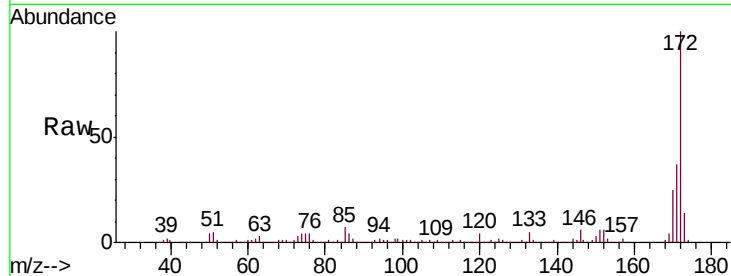




#45
 2-Fluorobiphenyl
 Concen: 82.657 ng
 RT: 13.34 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BG038240.D
 Acq: 29 Nov 2018 19:41

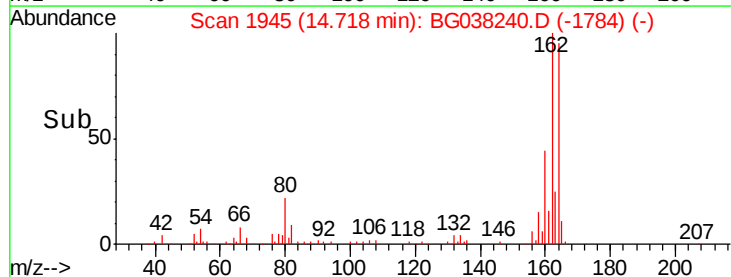
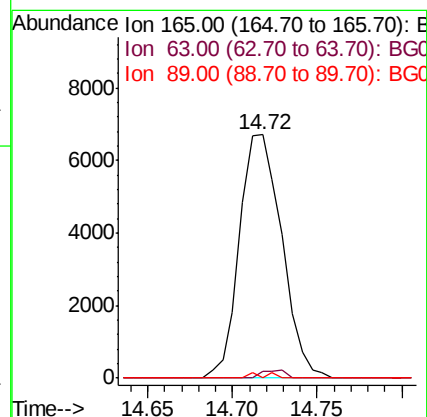
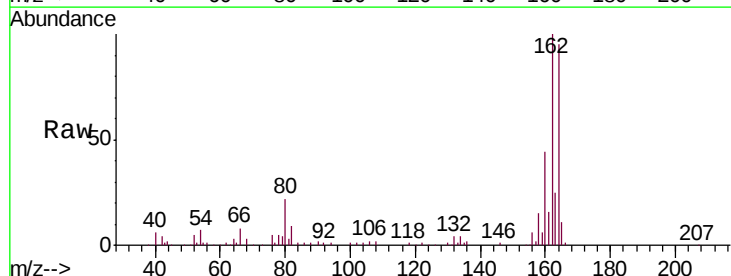
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 ClientSampleId :
 CL-02-112818-A

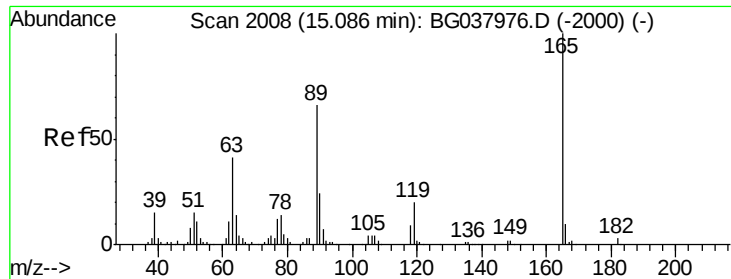
Tgt Ion:172 Resp: 527201
 Ion Ratio Lower Upper
 172 100
 171 37.0 31.0 46.4
 170 24.9 20.2 30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.000 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. 0.41 min
 Lab File: BG038240.D
 Acq: 29 Nov 2018 19:41

Tgt Ion:165 Resp: 11671
 Ion Ratio Lower Upper
 165 100
 63 2.8 43.4 65.2#
 89 0.0 45.8 68.6#

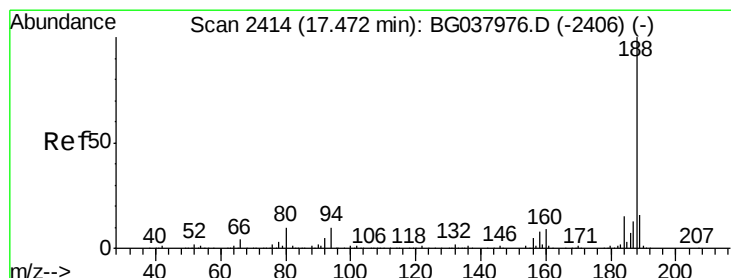
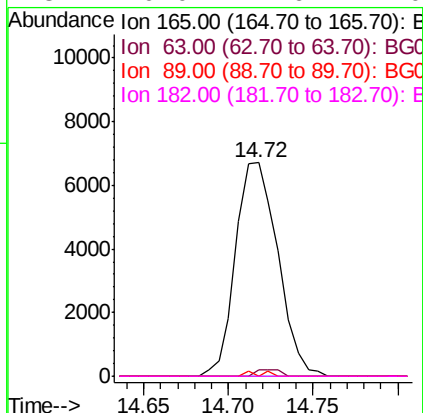
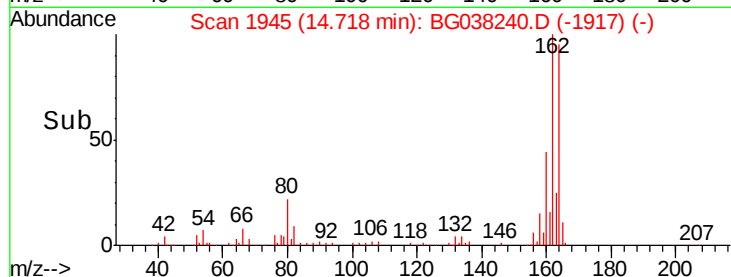
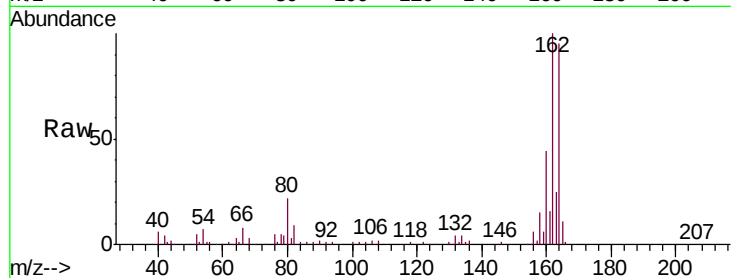




#57
2,4-Dinitrotoluene
Concen: 5.145 ng
RT: 14.72 min Scan# 1945
Delta R.T. -0.37 min
Lab File: BG038240.D
Acq: 29 Nov 2018 19:41

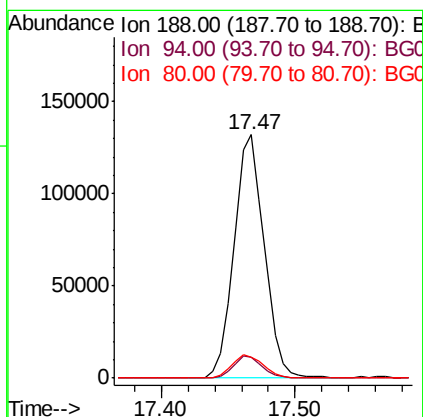
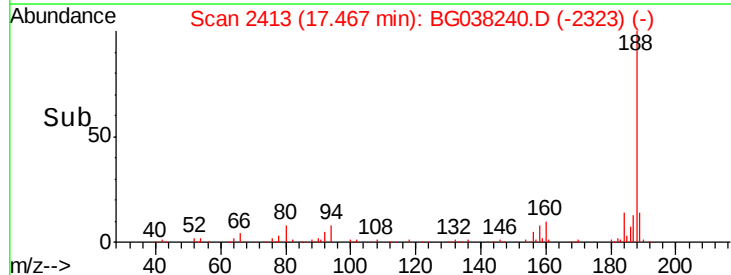
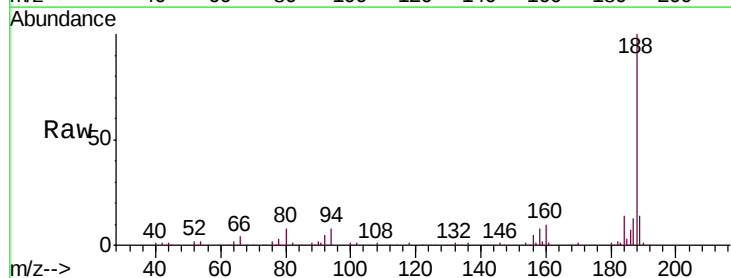
Instrument :
BNA_G
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CL-02-112818-A

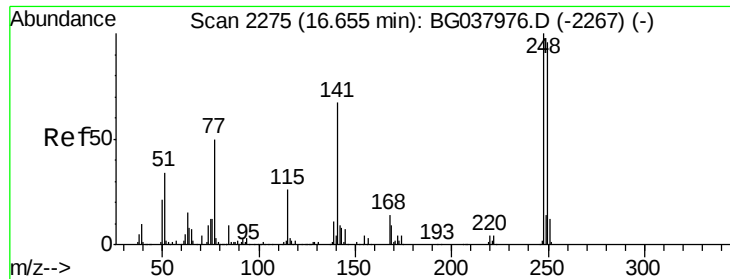
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.8	33.4	50.0#
89	0.0	57.2	85.8#
182	0.0	2.6	4.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BG038240.D
Acq: 29 Nov 2018 19:41

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.2	10.8
80	8.5	7.7	11.5

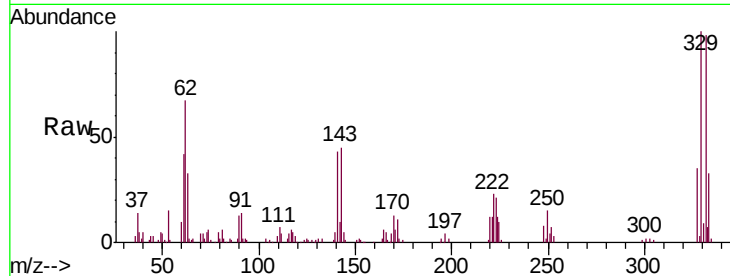




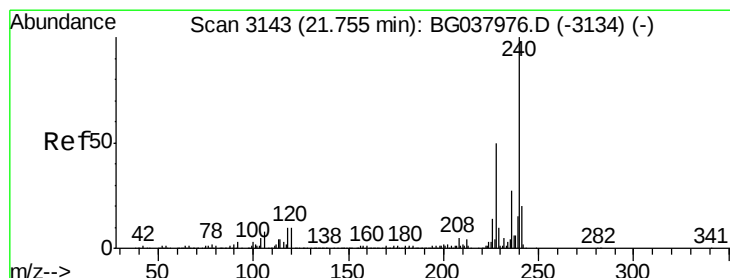
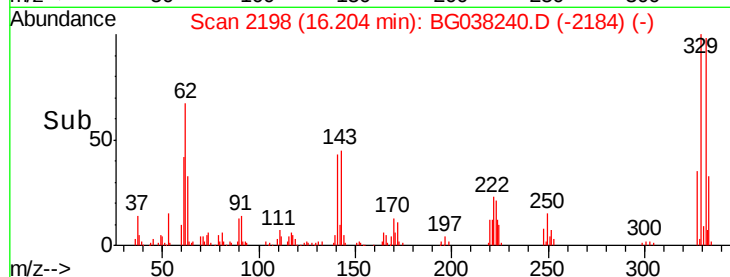
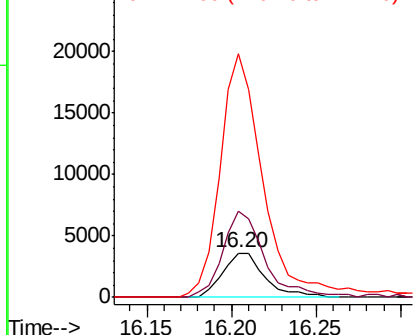
#67
 4-Bromophenyl-phenylether
 Concen: 2.717 ng
 RT: 16.20 min Scan# 2198
 Delta R.T. -0.45 min
 Lab File: BG038240.D
 Acq: 29 Nov 2018 19:41

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-112818-A

Tgt Ion:248 Resp: 6191
 Ion Ratio Lower Upper
 248 100
 250 191.8 77.0 115.6#
 141 433.5 55.5 83.3#

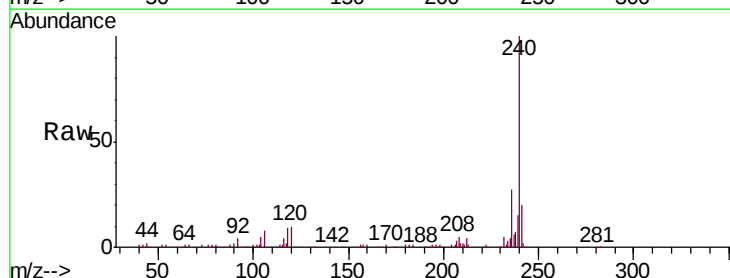


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

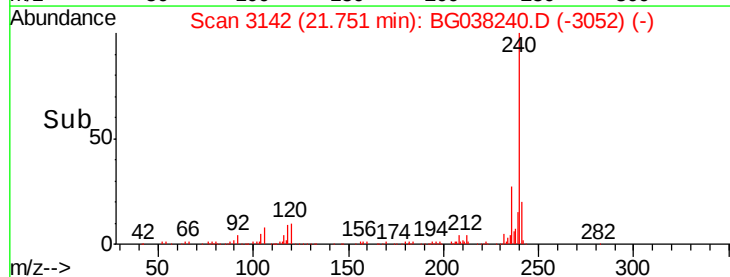
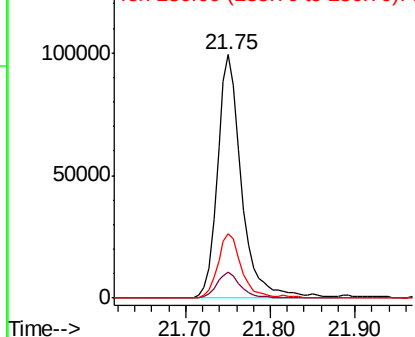


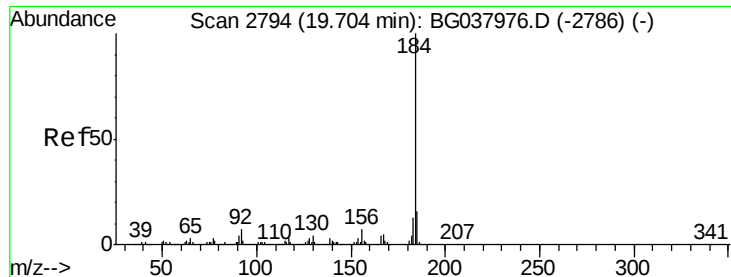
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.75 min Scan# 3142
 Delta R.T. -0.00 min
 Lab File: BG038240.D
 Acq: 29 Nov 2018 19:41

Tgt Ion:240 Resp: 197110
 Ion Ratio Lower Upper
 240 100
 120 10.5 8.1 12.1
 236 26.7 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





#77

Benzidine

Concen: 2.096 ng

RT: 20.06 min Scan# 2855

Delta R.T. 0.36 min

Lab File: BG038240.D

Acq: 29 Nov 2018 19:41

Instrument :

BNA_G

ClientSampleId :

CL-02-112818-A

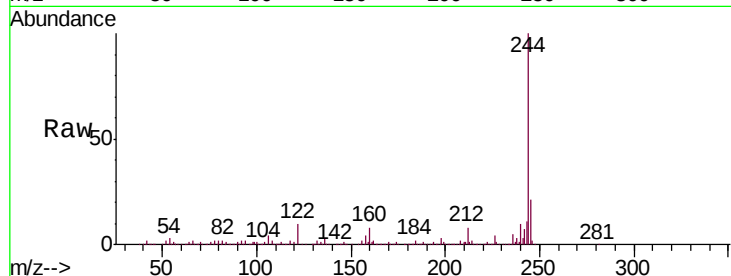
Tgt Ion:184 Resp: 14498

Ion Ratio Lower Upper

184 100

185 17.4 12.6 18.8

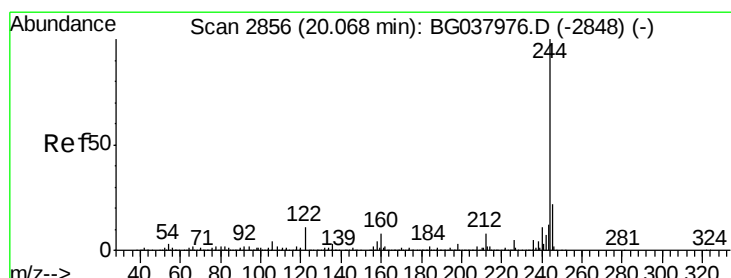
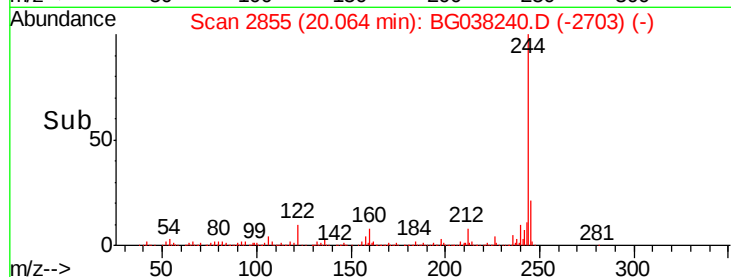
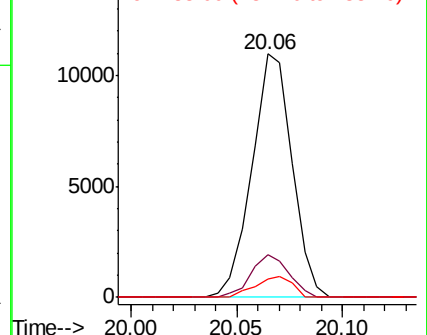
183 7.4 10.2 15.2#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 98.631 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.00 min

Lab File: BG038240.D

Acq: 29 Nov 2018 19:41

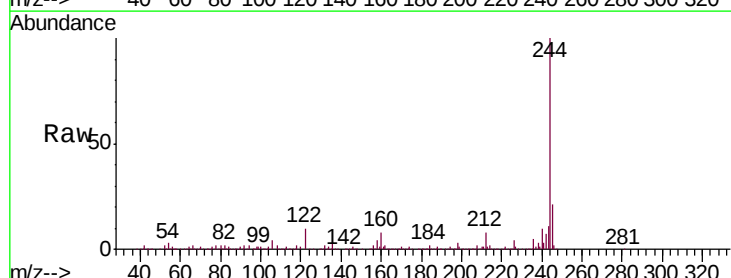
Tgt Ion:244 Resp: 826226

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

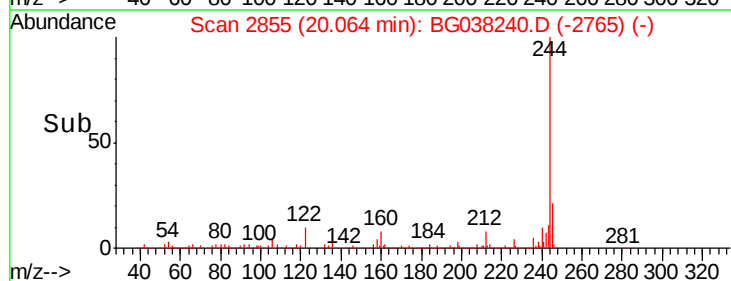
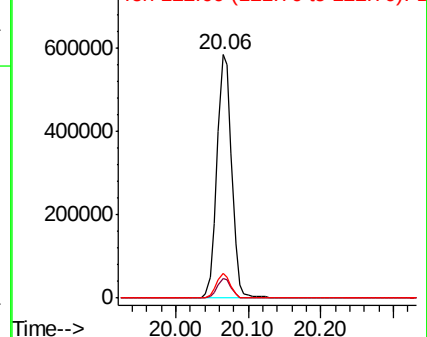
122 10.1 9.0 13.4

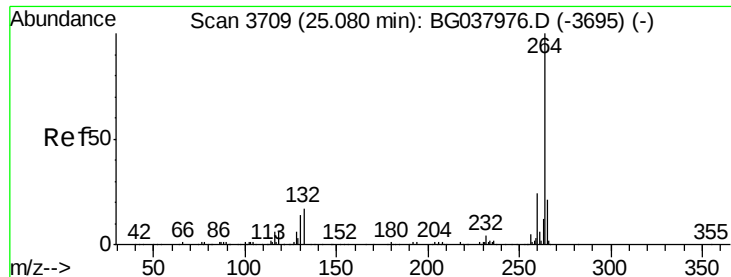


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3708
Delta R.T. -0.00 min
Lab File: BG038240.D
Acq: 29 Nov 2018 19:41

Instrument :
BNA_G
ClientSampleId :
CL-02-112818-A

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.2	27.4
265	21.1	17.9	26.9

