

Data File : BG038622.D
Acq On : 16 Dec 2018 2:48
Operator : JU/SJ
Sample : J6371-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EB04-14-16

Quant Time: Dec 16 04:24:56 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration

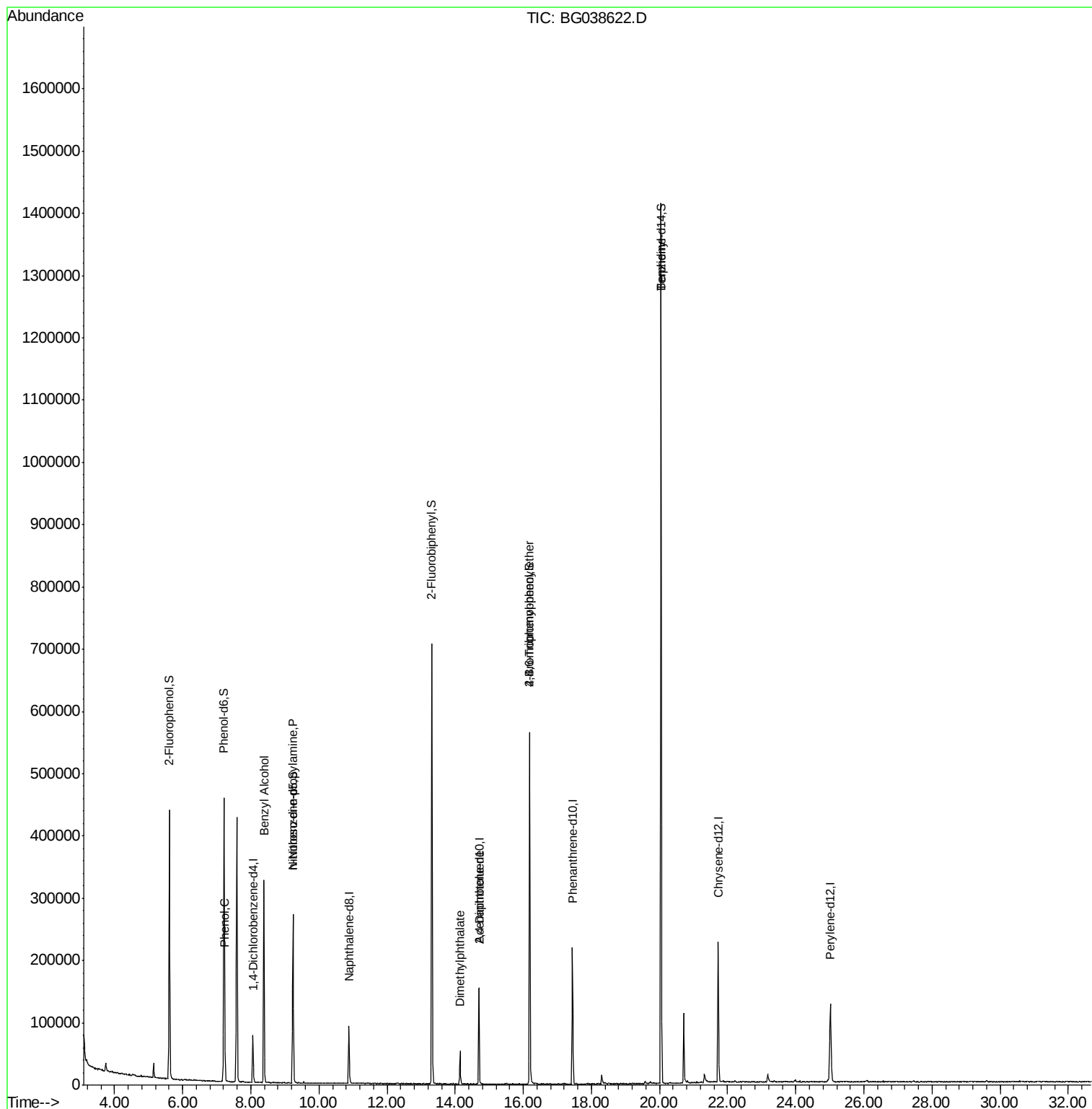
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	21555	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	86021	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	56454	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	140491	20.00	ng	0.00
76) Chrysene-d12	21.72	240	144216	20.00	ng	0.00
87) Perylene-d12	25.02	264	151533	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	182254	149.97	ng	0.00
7) Phenol-d6	7.21	99	250563	150.19	ng	0.00
23) Nitrobenzene-d5	9.23	82	163523	97.11	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	111128	142.83	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	388918	94.51	ng	0.00
79) Terphenyl-d14	20.05	244	700049	105.64	ng	0.00
Target Compounds						
10) Phenol	7.24	94	16476	9.296	ng	88
15) Benzyl Alcohol	8.38	79	2662	2.044	ng	# 60
19) n-Nitroso-di-n-propylamine	9.23	70	22265	19.001	ng	# 71
50) Dimethylphthalate	14.14	163	38925	8.443	ng	99
57) 2,4-Dinitrotoluene	14.69	165	7348	4.994	ng	# 21
67) 4-Bromophenyl-phenylether	16.19	248	7325	4.269	ng	# 1
77) Benzidine	20.05	184	12899	3.024	ng	# 93

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

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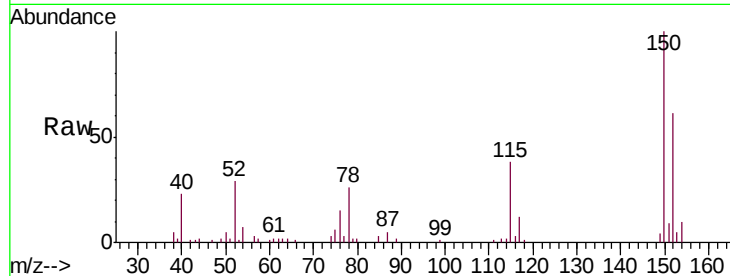


#1

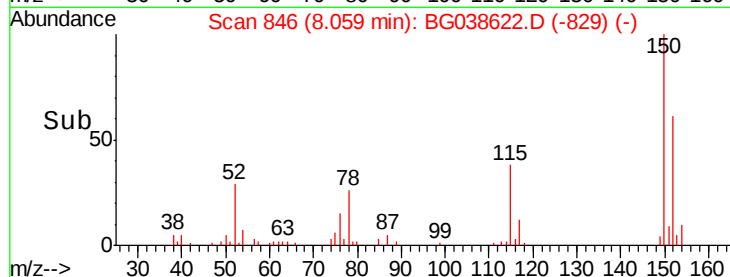
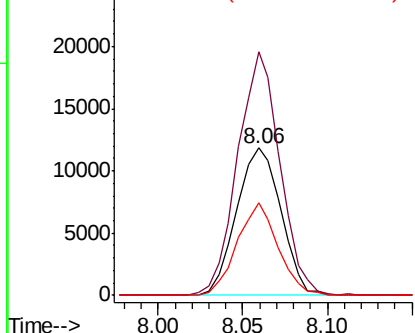
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038622.D
Acq: 16 Dec 2018 2:48

Instrument :
BNA_G
ClientSampleId :
EB04-14-16

Tgt Ion:152 Resp: 21555
Ion Ratio Lower Upper
152 100
150 165.3 119.5 179.3
115 62.5 49.6 74.4



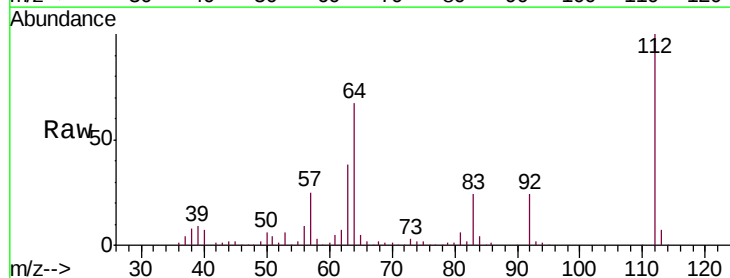
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



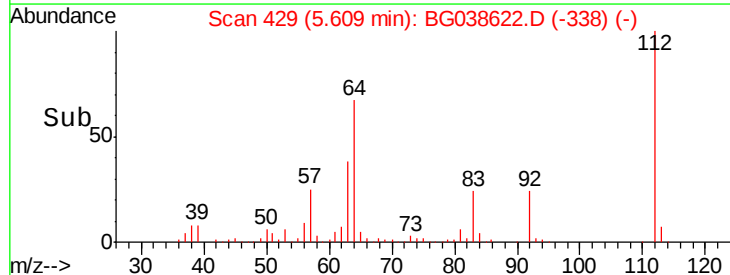
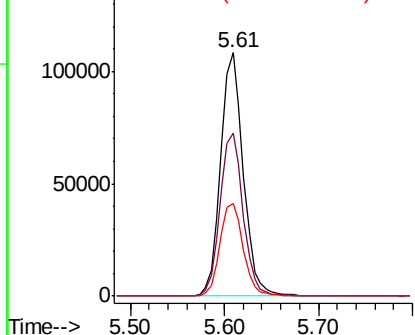
#5

2-Fluorophenol
Concen: 149.968 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038622.D
Acq: 16 Dec 2018 2:48

Tgt Ion:112 Resp: 182254
Ion Ratio Lower Upper
112 100
64 67.1 53.4 80.2
63 38.1 29.3 43.9



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: 150.185 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038622.D

Acq: 16 Dec 2018 2:48

Instrument :

BNA_G

ClientSampleId :

EB04-14-16

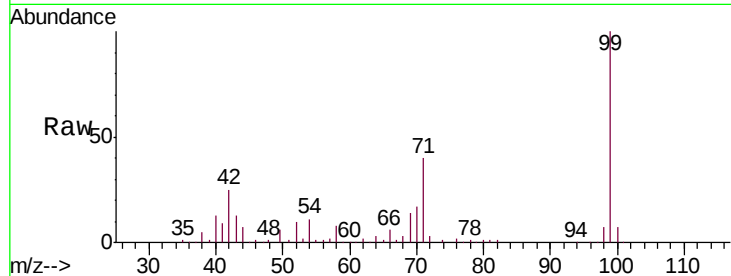
Tgt Ion: 99 Resp: 250563

Ion Ratio Lower Upper

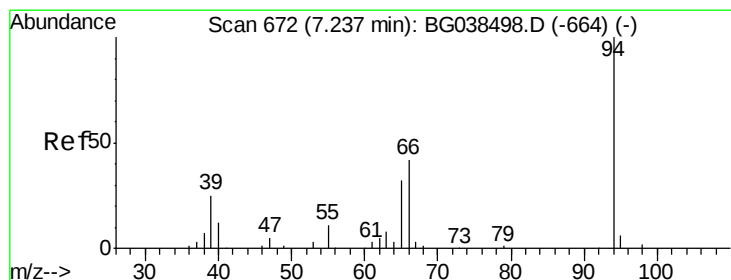
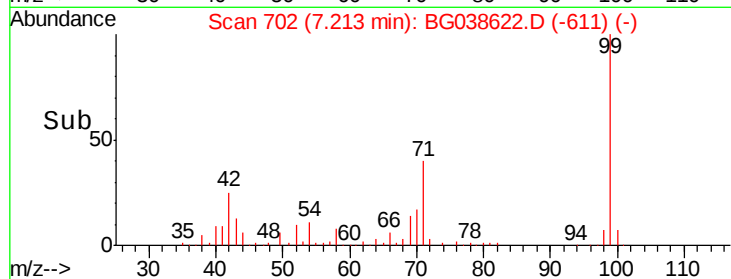
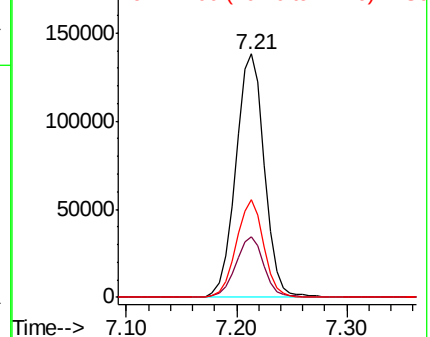
99 100

42 24.8 18.5 27.7

71 40.2 31.1 46.7



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



#10

Phenol

Concen: 9.296 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG038622.D

Acq: 16 Dec 2018 2:48

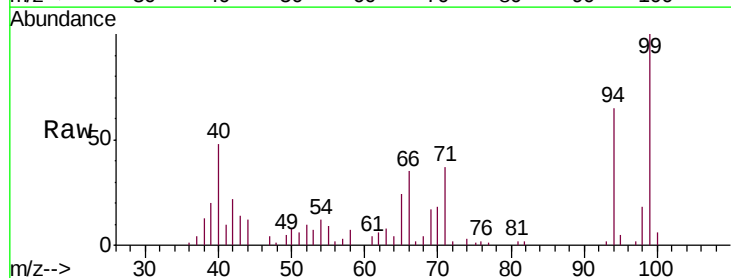
Tgt Ion: 94 Resp: 16476

Ion Ratio Lower Upper

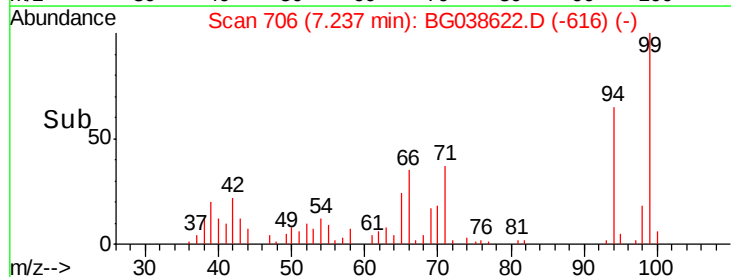
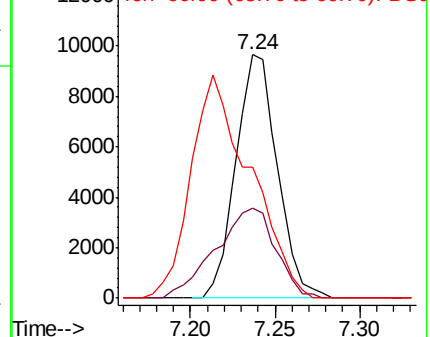
94 100

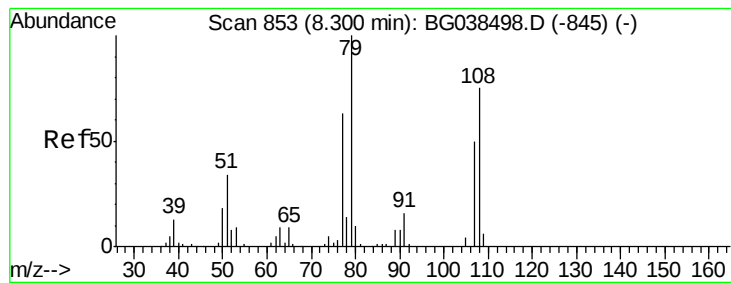
65 37.1 12.6 52.6

66 53.7 24.1 64.1



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#15

Benzyl Alcohol

Concen: 2.044 ng

RT: 8.38 min Scan# 900

Delta R.T. 0.08 min

Lab File: BG038622.D

Acq: 16 Dec 2018 2:48

Instrument :

BNA_G

ClientSampleId :

EB04-14-16

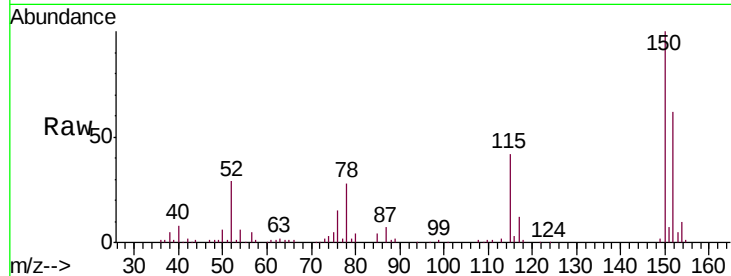
Tgt Ion: 79 Resp: 2662

Ion Ratio Lower Upper

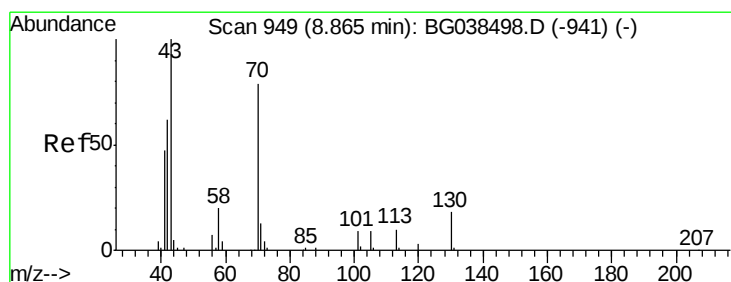
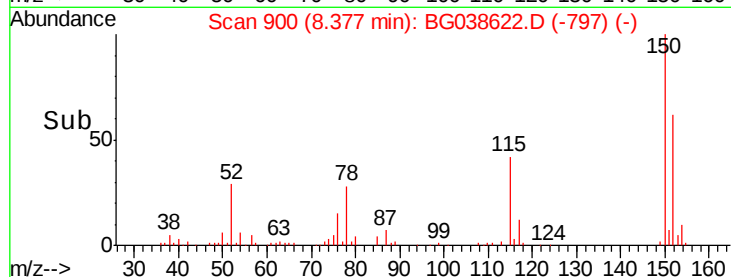
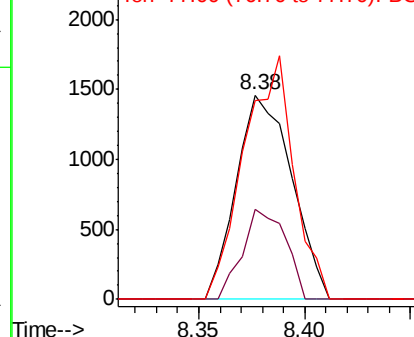
79 100

108 44.2 60.2 90.4#

77 97.5 50.7 76.1#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#19

n-Nitroso-di-n-propylamine

Concen: 19.001 ng

RT: 9.23 min Scan# 1046

Delta R.T. 0.37 min

Lab File: BG038622.D

Acq: 16 Dec 2018 2:48

Tgt Ion: 70 Resp: 22265

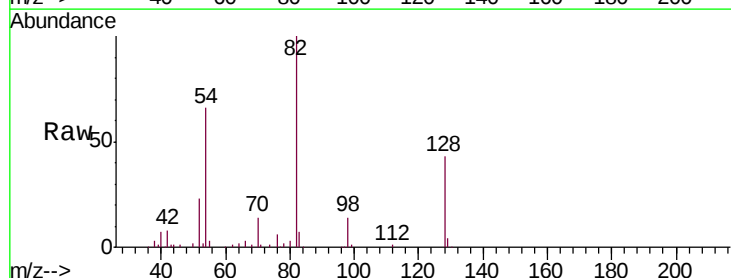
Ion Ratio Lower Upper

70 100

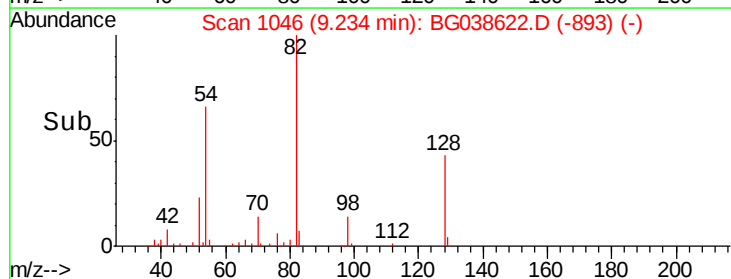
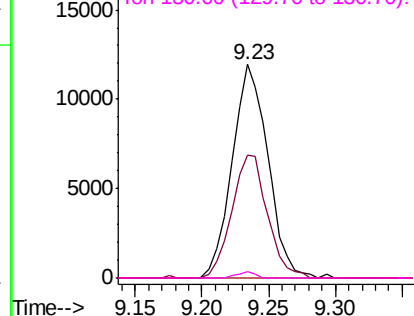
42 57.6 63.6 95.4#

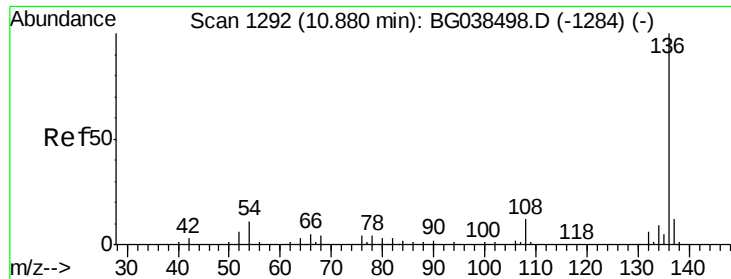
101 0.0 9.2 13.8#

130 2.9 18.5 27.7#



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

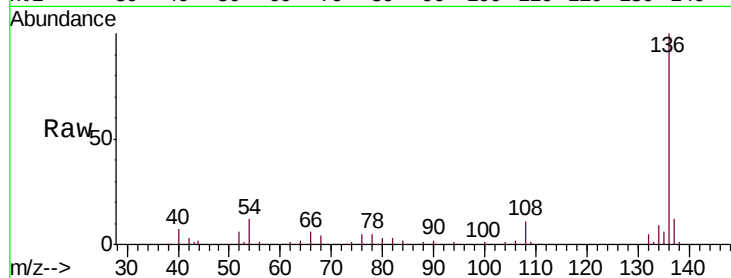




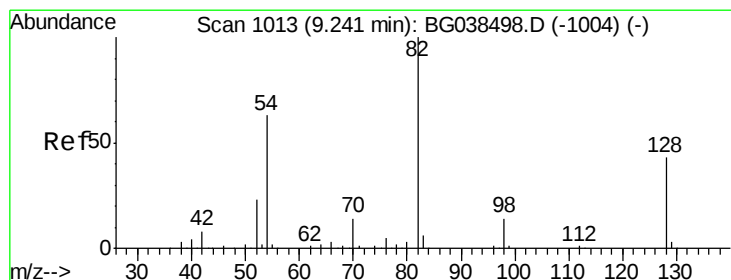
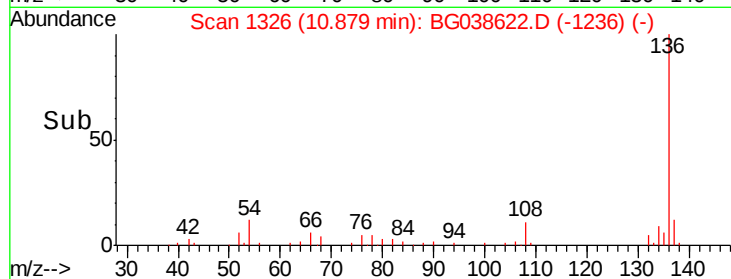
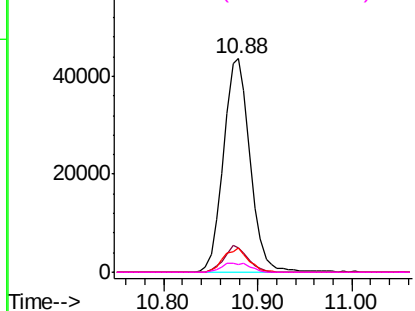
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038622.D
Acq: 16 Dec 2018 2:48

Instrument :
BNA_G
ClientSampleId :
EB04-14-16

Tgt Ion:	136	Resp:	86021
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.3	13.9
54	11.6	8.5	12.7
68	3.9	3.5	5.3

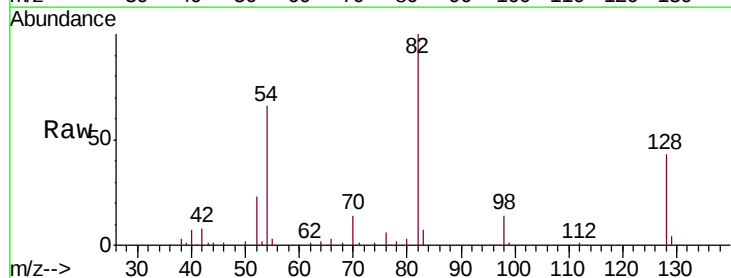


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

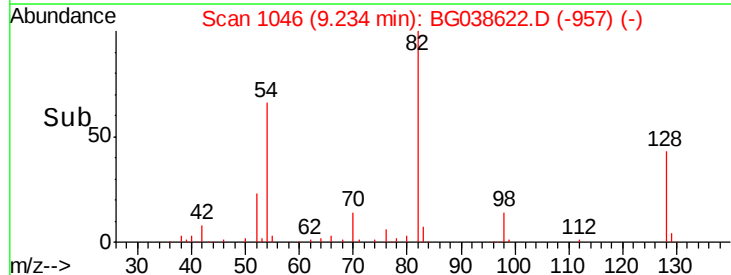
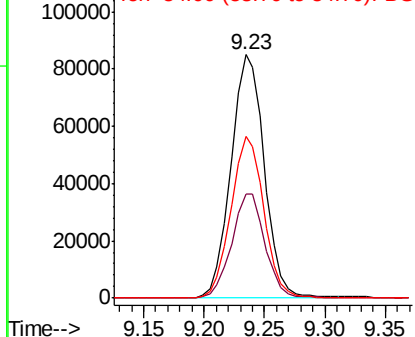


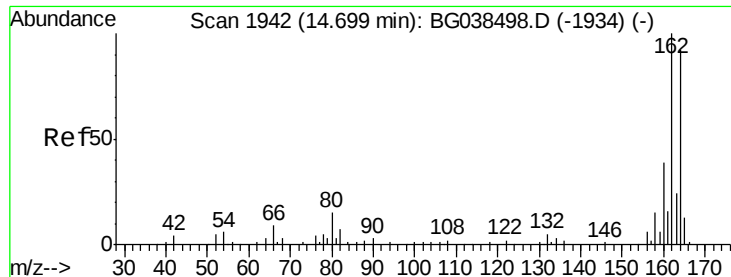
#23
Nitrobenzene-d5
Concen: 97.115 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038622.D
Acq: 16 Dec 2018 2:48

Tgt Ion:	82	Resp:	163523
Ion	Ratio	Lower	Upper
82	100		
128	42.9	34.6	52.0
54	66.3	50.6	76.0



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: 14.70 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG038622.D

Acq: 16 Dec 2018 2:48

Instrument :

BNA_G

ClientSampleId :

EB04-14-16

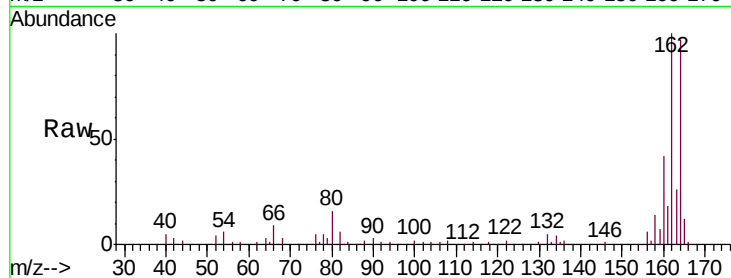
Tgt Ion:164 Resp: 56454

Ion Ratio Lower Upper

164 100

162 102.9 86.6 130.0

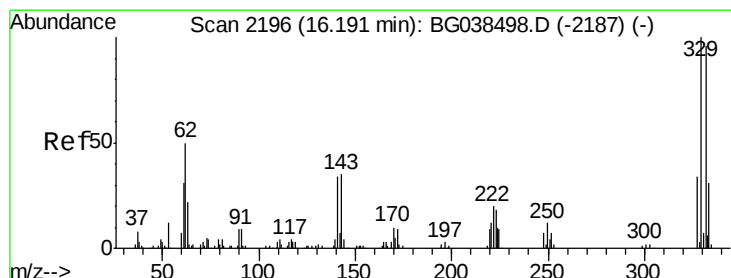
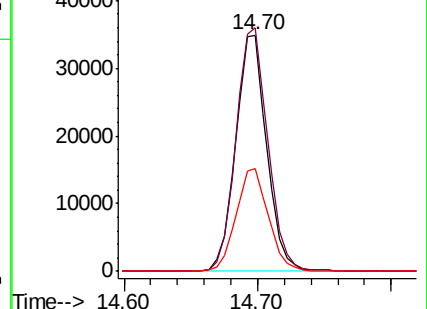
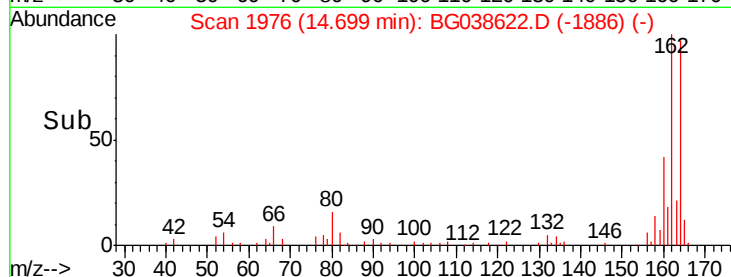
160 43.3 34.2 51.2



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: 142.831 ng

RT: 16.19 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG038622.D

Acq: 16 Dec 2018 2:48

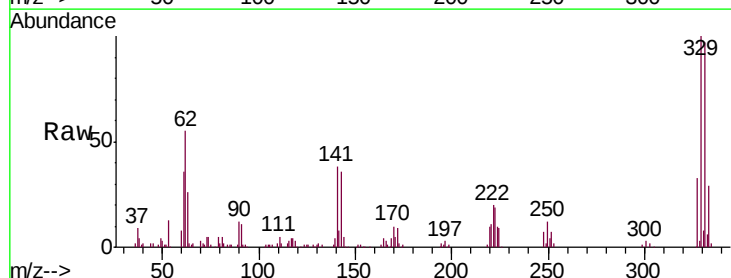
Tgt Ion:330 Resp: 111128

Ion Ratio Lower Upper

330 100

332 96.8 76.9 115.3

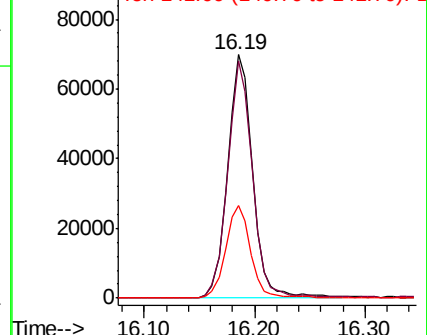
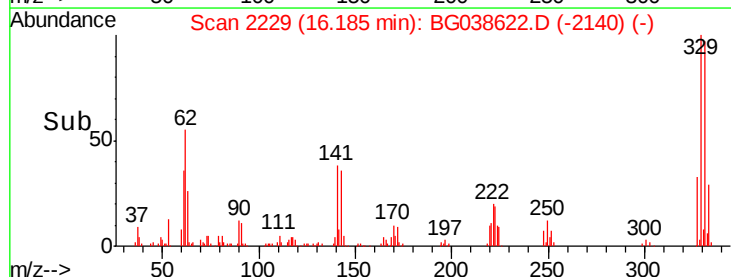
141 37.8 28.8 43.2

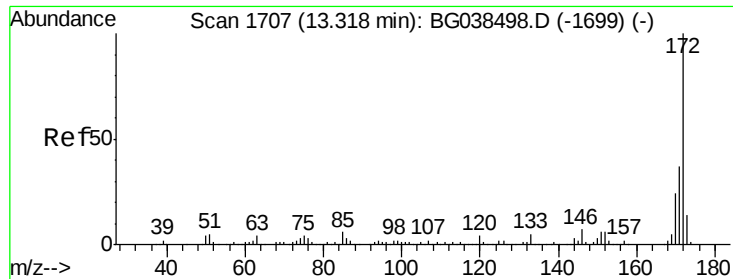


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

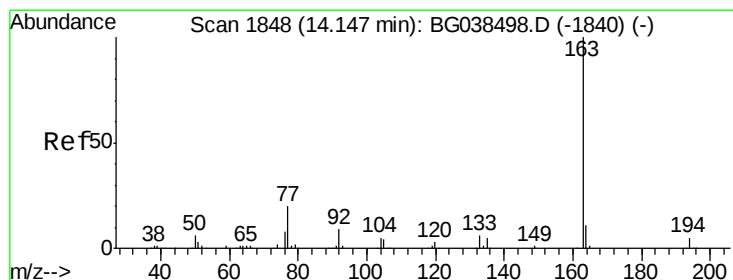
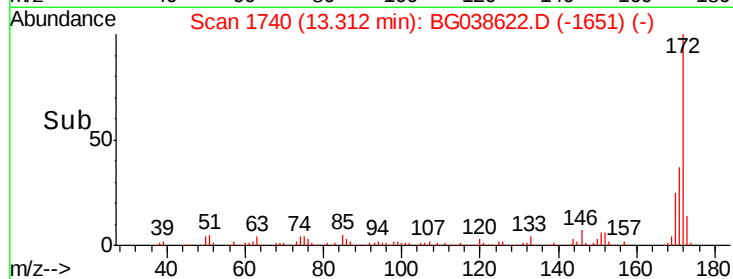
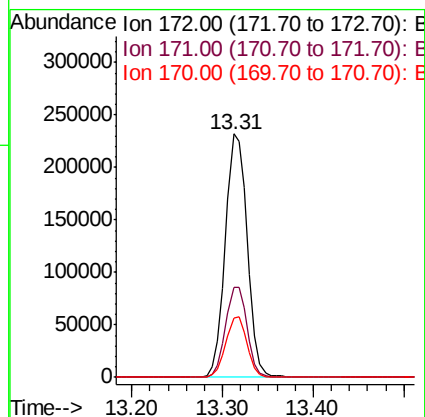
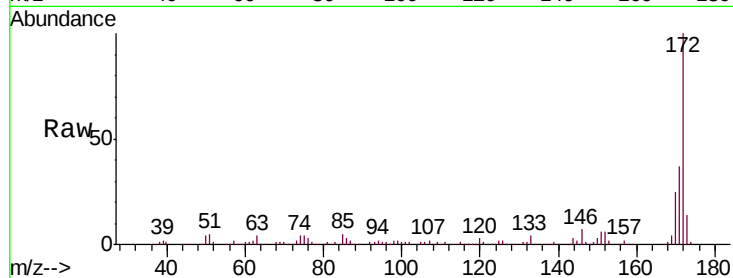




#45
2-Fluorobiphenyl
Concen: 94.508 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG038622.D
Acq: 16 Dec 2018 2:48

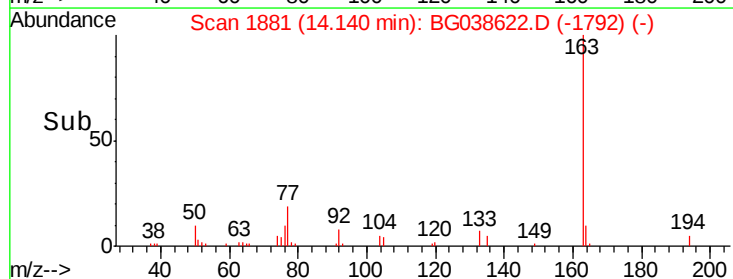
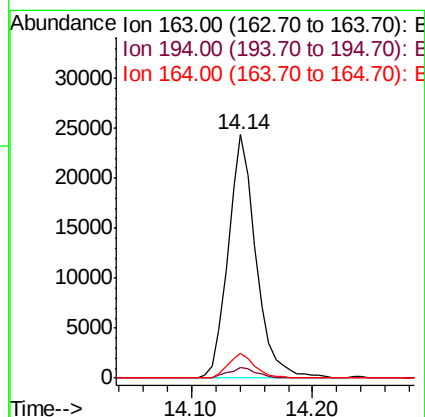
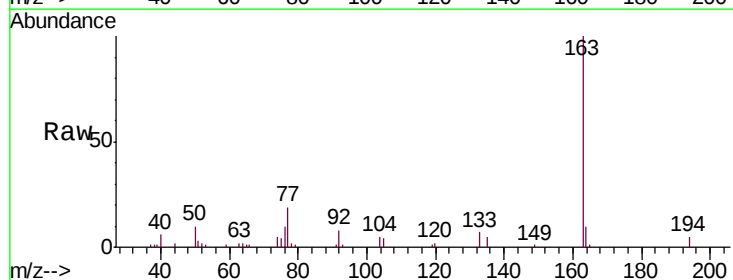
Instrument :
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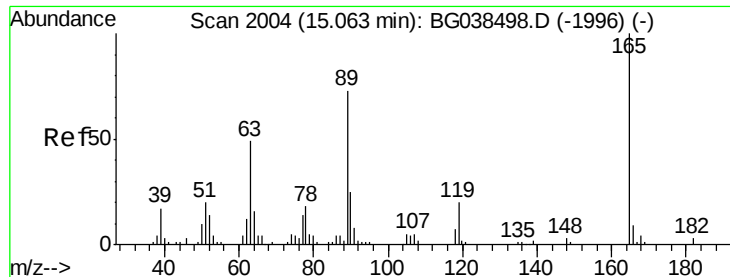
Tgt Ion:172 Resp: 388918
Ion Ratio Lower Upper
172 100
171 36.8 29.8 44.6
170 24.5 19.5 29.3



#50
Dimethylphthalate
Concen: 8.443 ng
RT: 14.14 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BG038622.D
Acq: 16 Dec 2018 2:48

Tgt Ion:163 Resp: 38925
Ion Ratio Lower Upper
163 100
194 4.6 3.7 5.5
164 10.1 8.6 12.8

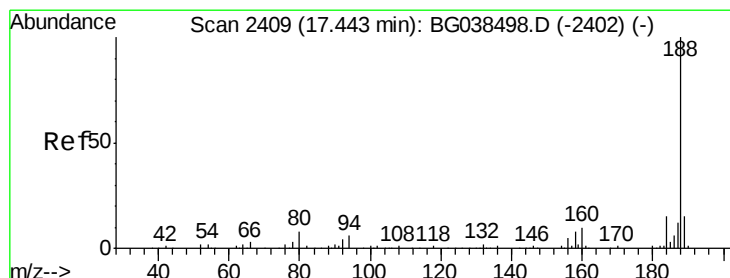
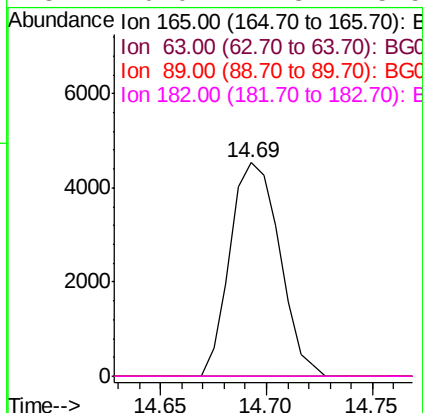
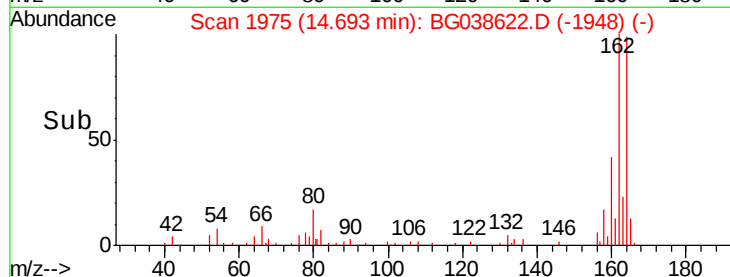
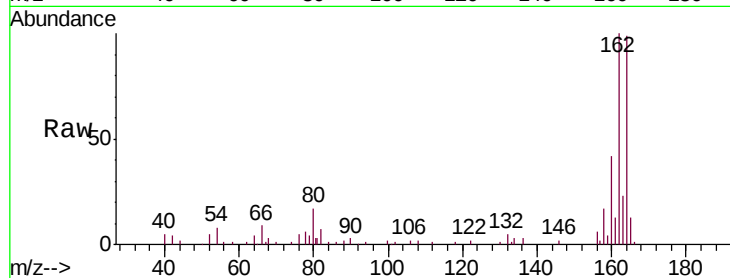




#57
 2,4-Dinitrotoluene
 Concen: 4.994 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.37 min
 Lab File: BG038622.D
 Acq: 16 Dec 2018 2:48

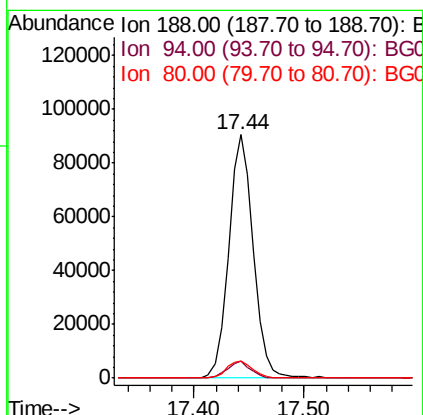
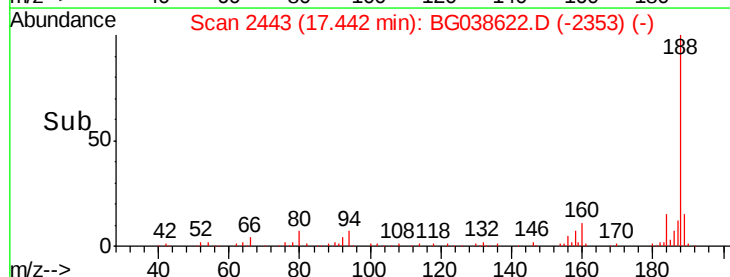
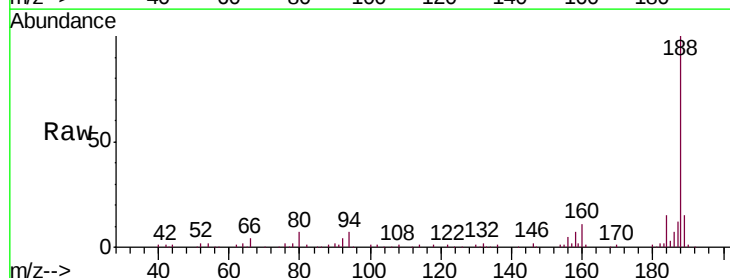
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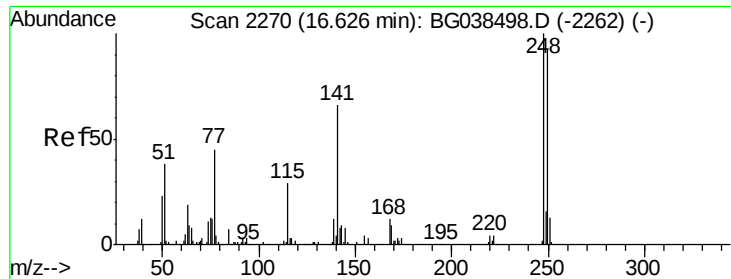
Tgt Ion:	165	Resp:	7348
Ion	Ratio	Lower	Upper
165	100		
63	0.0	39.0	58.4#
89	0.0	58.0	87.0#
182	0.0	2.3	3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2443
 Delta R.T. -0.00 min
 Lab File: BG038622.D
 Acq: 16 Dec 2018 2:48

Tgt Ion:	188	Resp:	140491
Ion	Ratio	Lower	Upper
188	100		
94	6.9	5.1	7.7
80	7.2	6.1	9.1

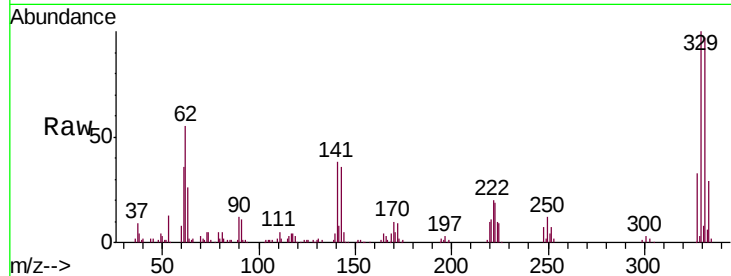




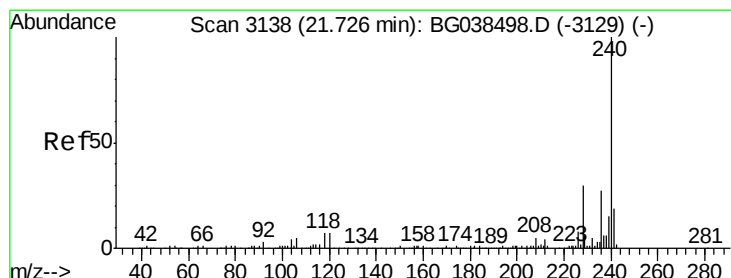
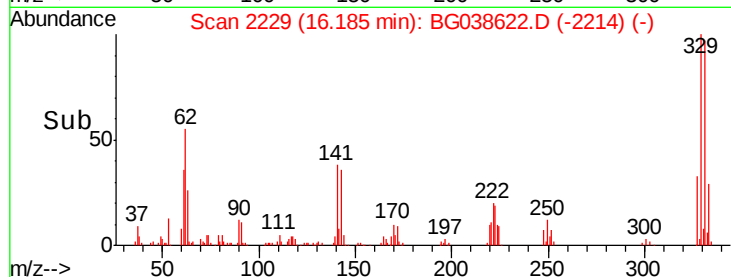
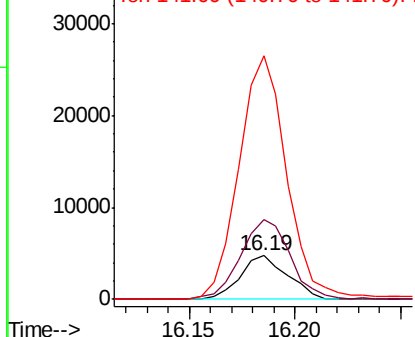
#67
 4-Bromophenyl-phenylether
 Concen: 4.269 ng
 RT: 16.19 min Scan# 2229
 Delta R.T. -0.44 min
 Lab File: BG038622.D
 Acq: 16 Dec 2018 2:48

Instrument :
 BNA_G
 ClientSampleId :
 EB04-14-16

Tgt Ion:248 Resp: 7325
 Ion Ratio Lower Upper
 248 100
 250 187.1 73.4 110.2#
 141 440.6 52.9 79.3#

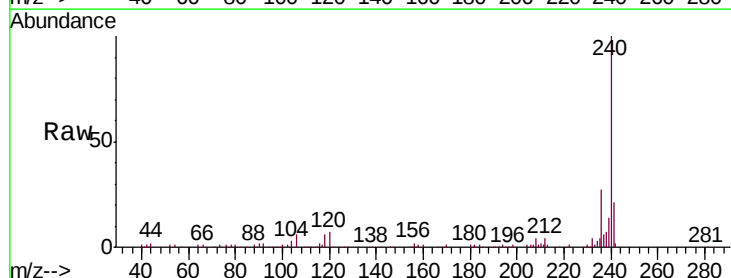


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

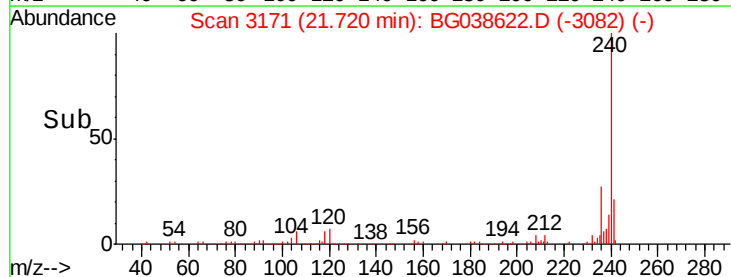
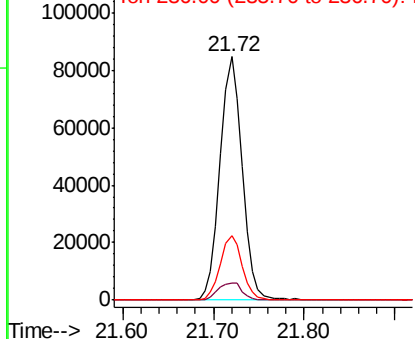


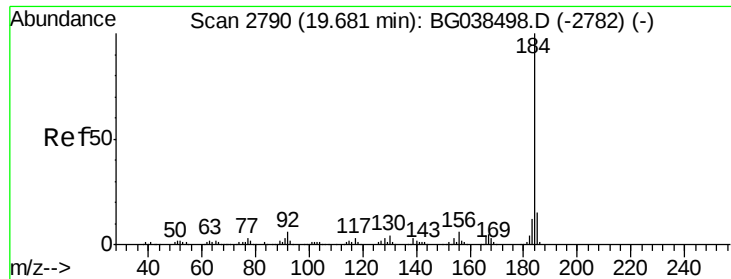
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3171
 Delta R.T. -0.01 min
 Lab File: BG038622.D
 Acq: 16 Dec 2018 2:48

Tgt Ion:240 Resp: 144216
 Ion Ratio Lower Upper
 240 100
 120 7.1 5.3 7.9
 236 26.7 21.4 32.2



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: 3.024 ng

RT: 20.05 min Scan# 2886

Delta R.T. 0.36 min

Lab File: BG038622.D

Acq: 16 Dec 2018 2:48

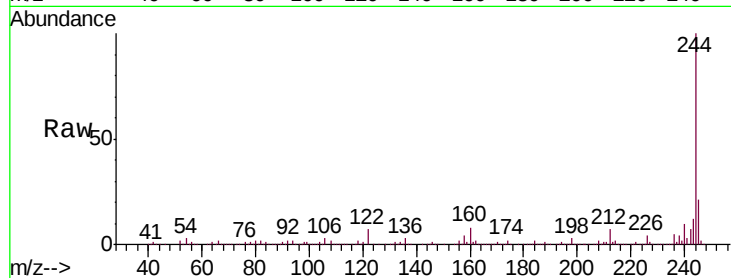
Instrument :

BNA_G

ClientSampleId :

EB04-14-16

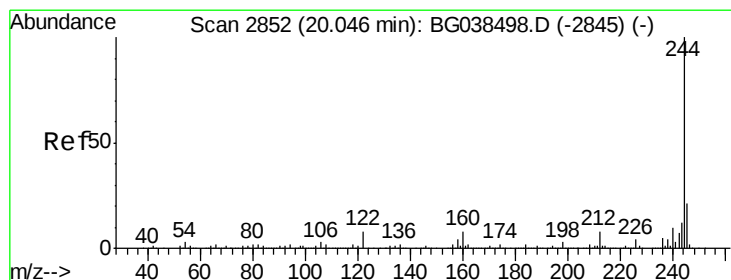
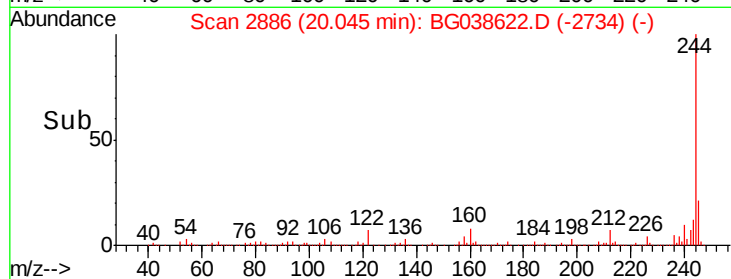
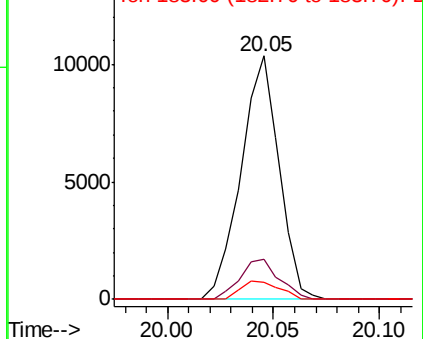
Tgt Ion:	184	Resp:	12899
Ion Ratio	Lower	Upper	
184	100		
185	16.4	12.2	18.2
183	6.9	9.6	14.4#



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: 105.643 ng

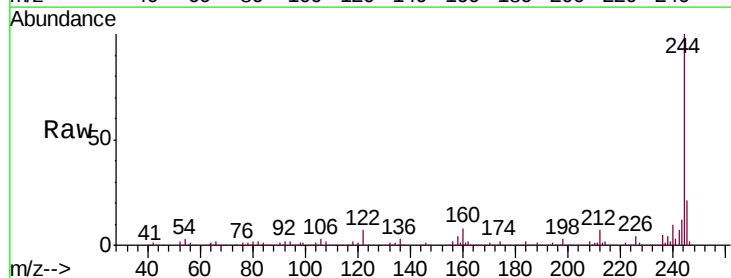
RT: 20.05 min Scan# 2886

Delta R.T. 0.00 min

Lab File: BG038622.D

Acq: 16 Dec 2018 2:48

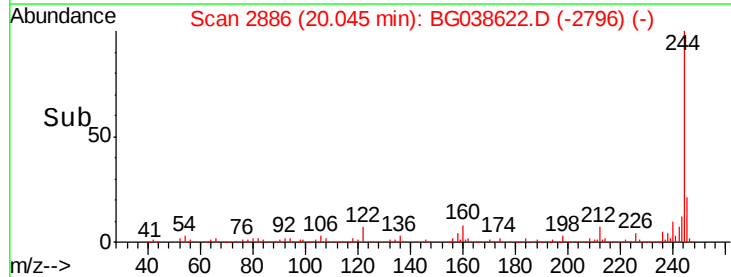
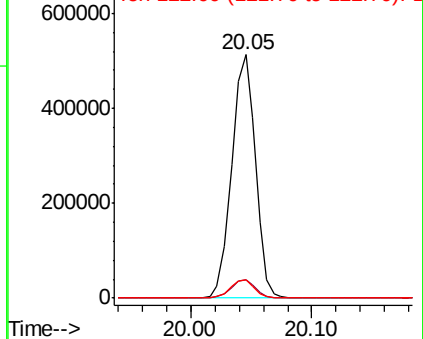
Tgt Ion:	244	Resp:	700049
Ion Ratio	Lower	Upper	
244	100		
212	7.5	6.2	9.2
122	7.4	6.3	9.5

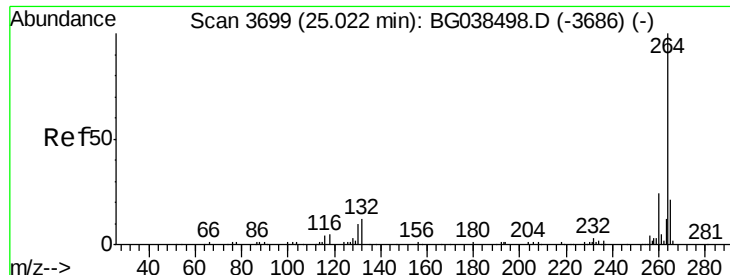


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.02 min Scan# 3732
Delta R.T. -0.01 min
Lab File: BG038622.D
Acq: 16 Dec 2018 2:48

Instrument :
BNA_G
ClientSampleId :
EB04-14-16

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.9	28.3
265	21.0	17.0	25.4

