

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121718\
 Data File : BG038665.D
 Acq On : 17 Dec 2018 16:23
 Operator : JU/SJ
 Sample : J6378-20
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-SS001-1218-01

Quant Time: Dec 18 02:57:06 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

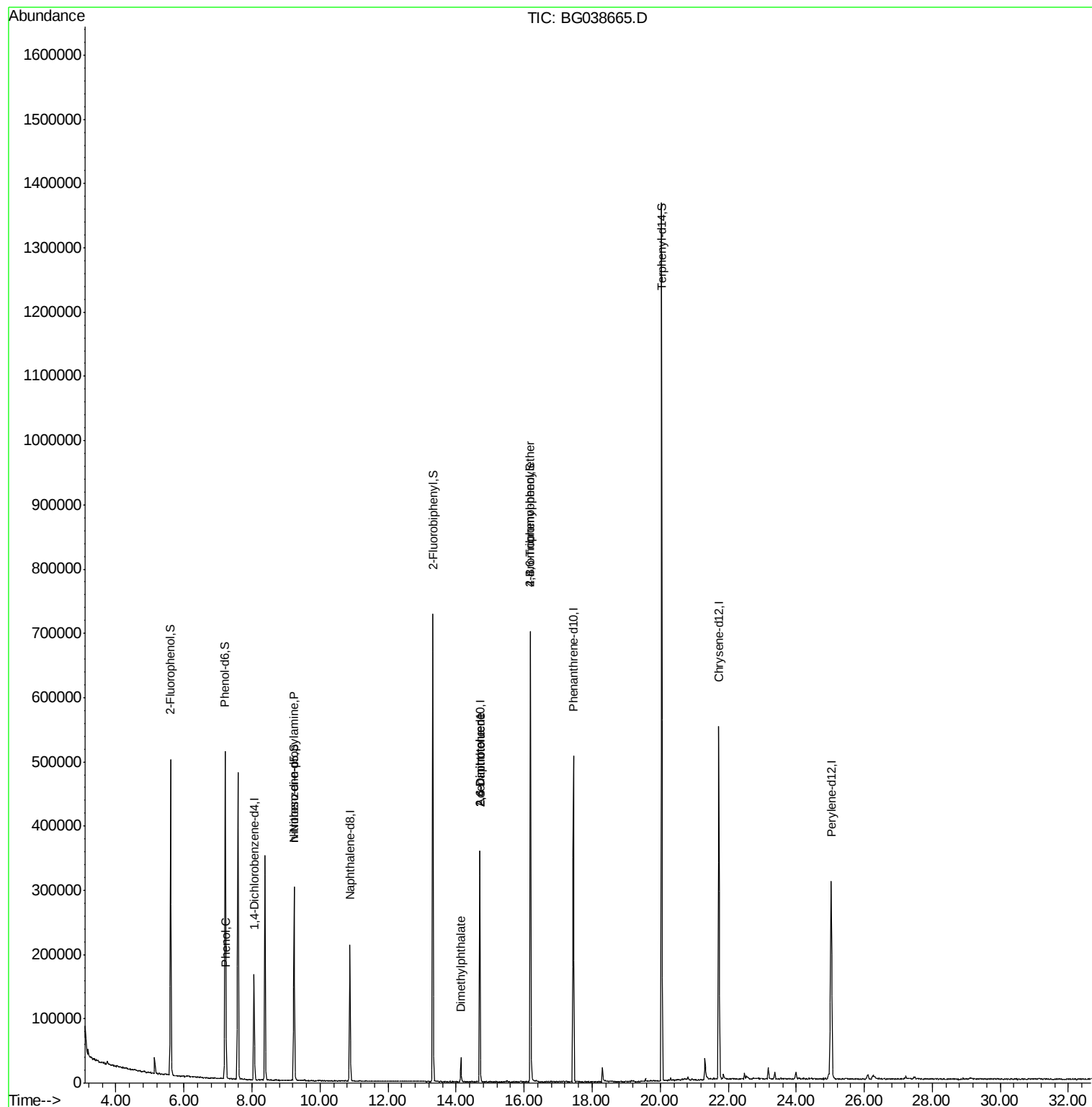
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	44687	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	186117	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	126801	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	329889	20.00	ng	0.00
76) Chrysene-d12	21.72	240	339413	20.00	ng	0.00
87) Perylene-d12	25.03	264	367006	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	197801	78.51	ng	0.00
7) Phenol-d6	7.21	99	271893	78.61	ng	0.00
23) Nitrobenzene-d5	9.24	82	180397	49.52	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	140113	80.18	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	382175	41.35	ng	0.00
79) Terphenyl-d14	20.04	244	647741	41.53	ng	0.00
Target Compounds						
10) Phenol	7.24	94	17411	4.738	ng	90
19) n-Nitroso-di-n-propylamine	9.24	70	24002	9.880	ng	# 69
50) Dimethylphthalate	14.14	163	27479	2.654	ng	99
51) 2,6-Dinitrotoluene	14.70	165	15875	6.765	ng	# 22
57) 2,4-Dinitrotoluene	14.70	165	15875	4.803	ng	# 24
67) 4-Bromophenyl-phenylether	16.18	248	8905	2.210	ng	# 1

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

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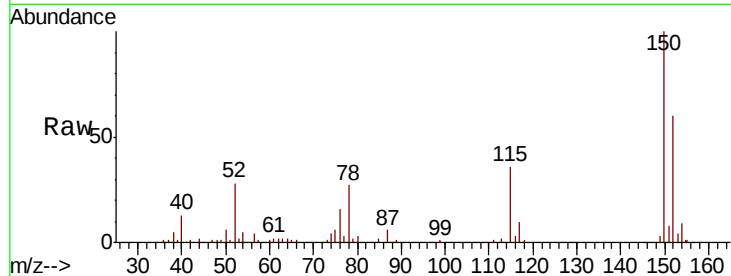


#1

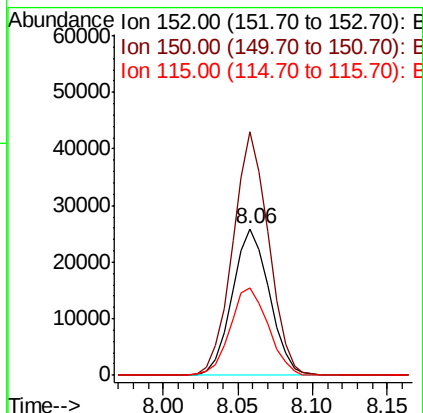
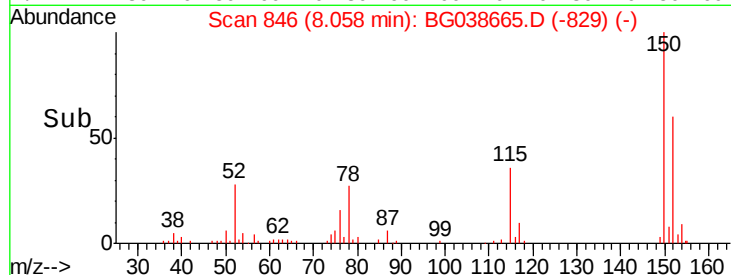
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038665.D
Acq: 17 Dec 2018 16:23

Instrument :
BNA_G
ClientSampleId :
P001-SS001-1218-01

Tgt Ion:152 Resp: 44687
Ion Ratio Lower Upper
152 100
150 166.2 119.5 179.3
115 60.1 49.6 74.4



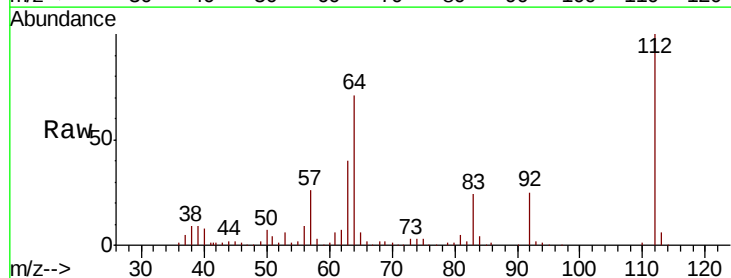
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



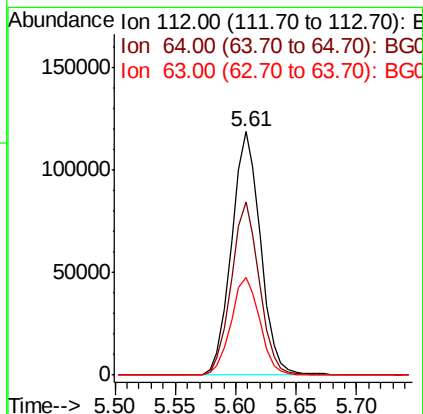
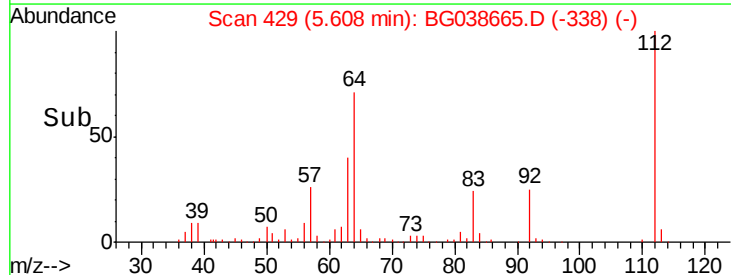
#5

2-Fluorophenol
Concen: 78.508 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038665.D
Acq: 17 Dec 2018 16:23

Tgt Ion:112 Resp: 197801
Ion Ratio Lower Upper
112 100
64 71.3 53.4 80.2
63 39.9 29.3 43.9



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: 78.610 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038665.D

Acq: 17 Dec 2018 16:23

Instrument :

BNA_G

ClientSampleId :

P001-SS001-1218-01

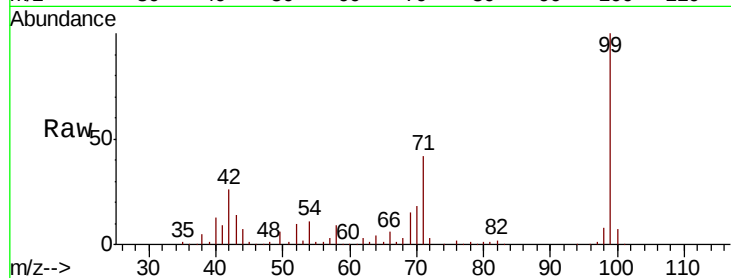
Tgt Ion: 99 Resp: 271893

Ion Ratio Lower Upper

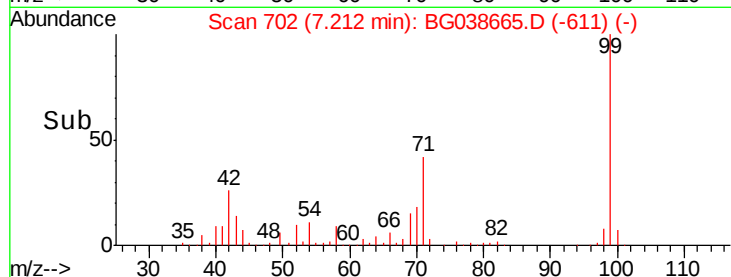
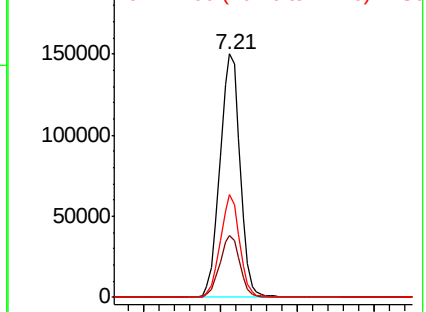
99 100

42 25.7 18.5 27.7

71 42.2 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: 4.738 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG038665.D

Acq: 17 Dec 2018 16:23

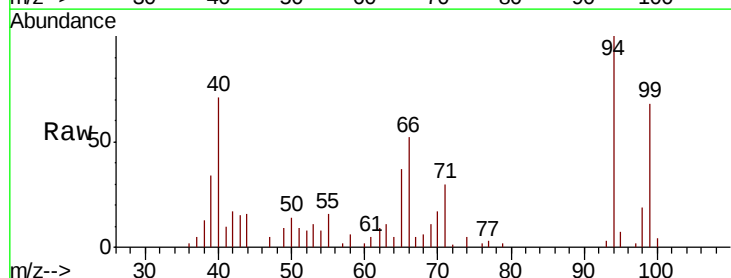
Tgt Ion: 94 Resp: 17411

Ion Ratio Lower Upper

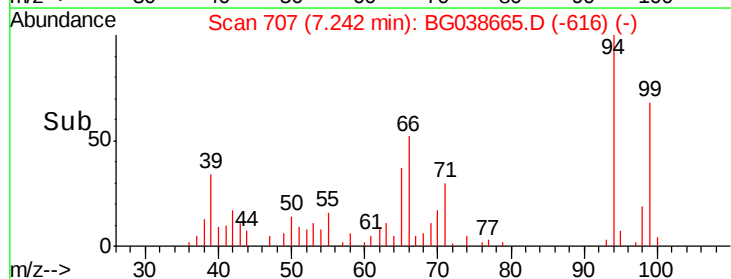
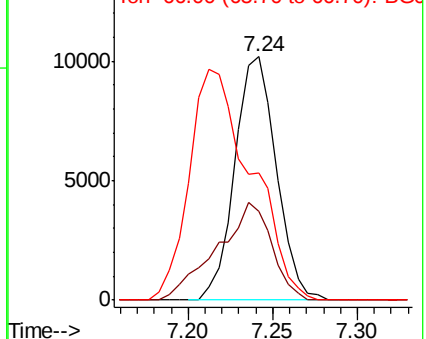
94 100

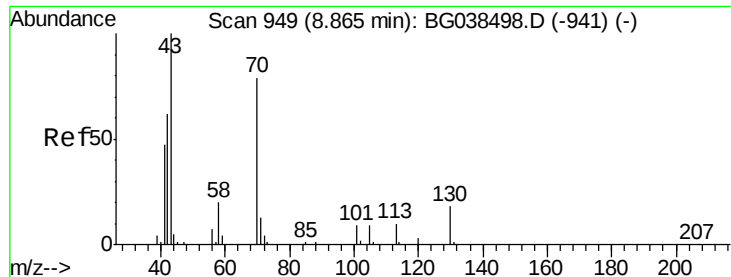
65 36.7 12.6 52.6

66 52.0 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

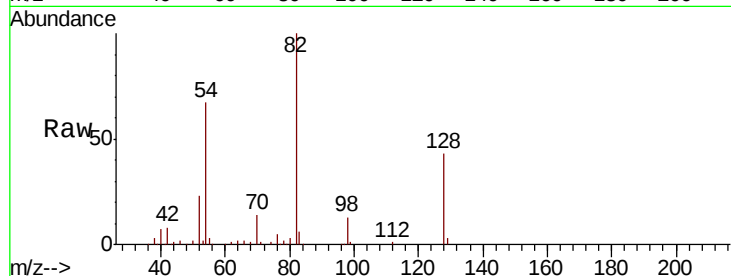




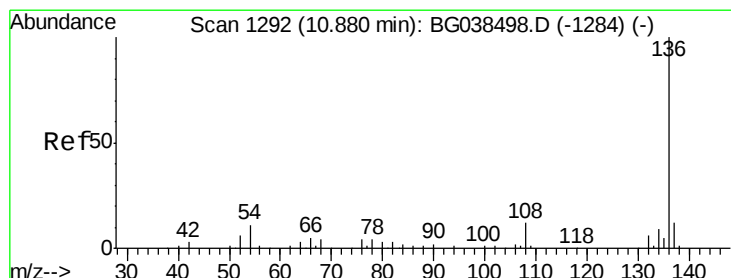
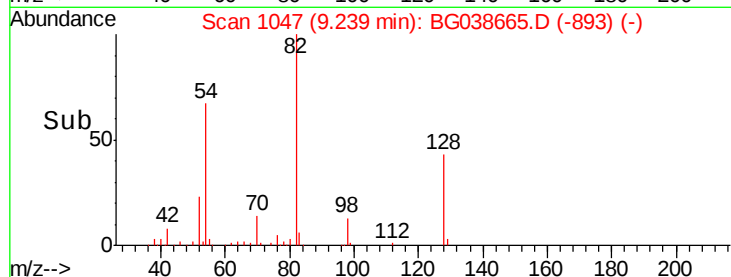
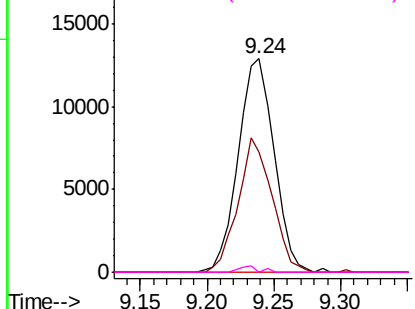
#19
n-Nitroso-di-n-propylamine
Concen: 9.880 ng
RT: 9.24 min Scan# 1047
Delta R.T. 0.37 min
Lab File: BG038665.D
Acq: 17 Dec 2018 16:23

Instrument :
BNA_G
ClientSampleId :
P001-SS001-1218-01

Tgt Ion: 70 Resp: 24002
Ion Ratio Lower Upper
70 100
42 56.1 63.6 95.4#
101 0.0 9.2 13.8#
130 0.0 18.5 27.7#

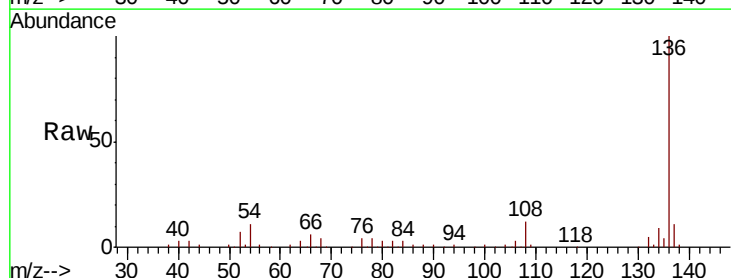


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

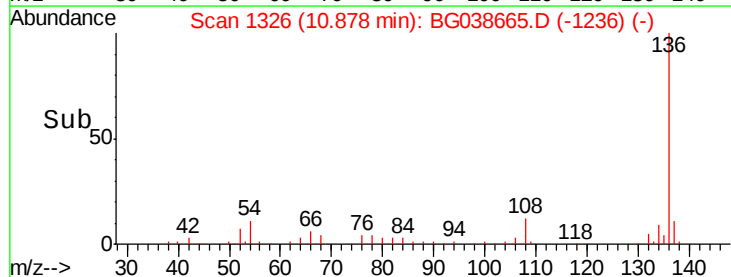
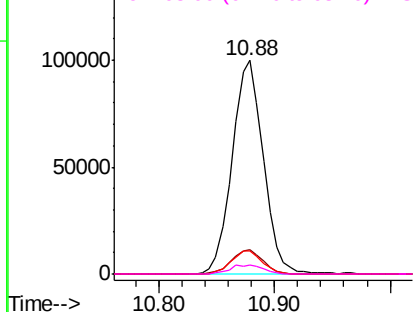


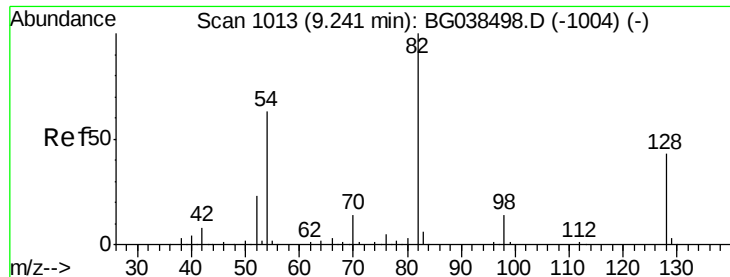
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038665.D
Acq: 17 Dec 2018 16:23

Tgt Ion: 136 Resp: 186117
Ion Ratio Lower Upper
136 100
137 11.1 9.3 13.9
54 10.7 8.5 12.7
68 4.3 3.5 5.3



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

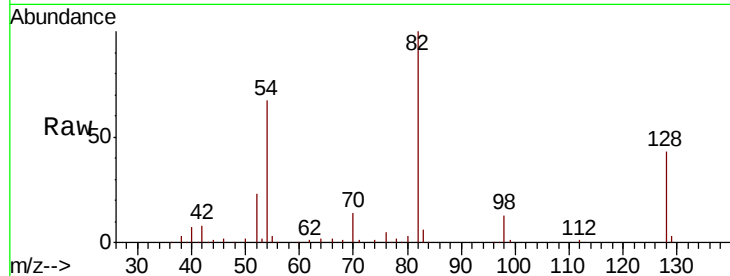




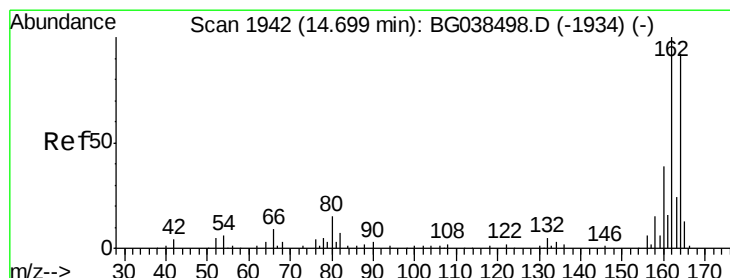
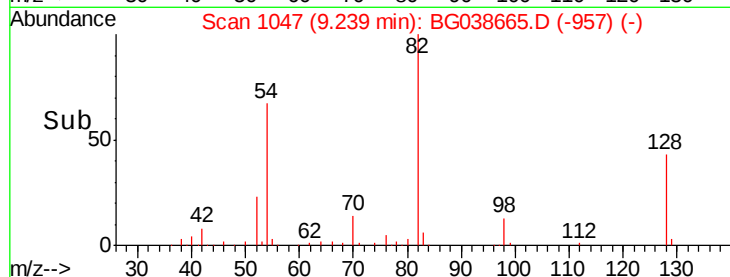
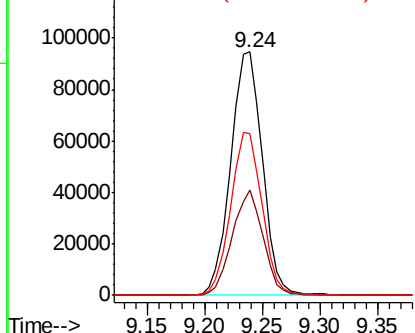
#23
Nitrobenzene-d5
Concen: 49.517 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG038665.D
Acq: 17 Dec 2018 16:23

Instrument :
BNA_G
ClientSampleId :
P001-SS001-1218-01

Tgt Ion: 82 Resp: 180397
Ion Ratio Lower Upper
82 100
128 43.5 34.6 52.0
54 66.6 50.6 76.0

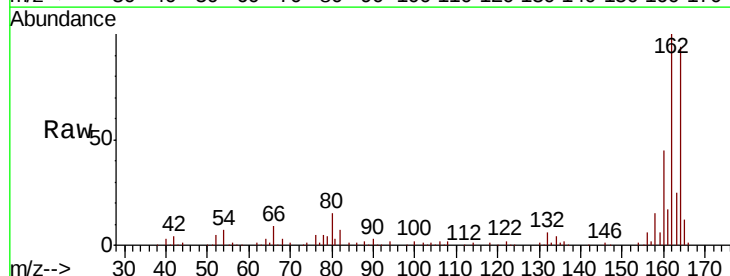


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

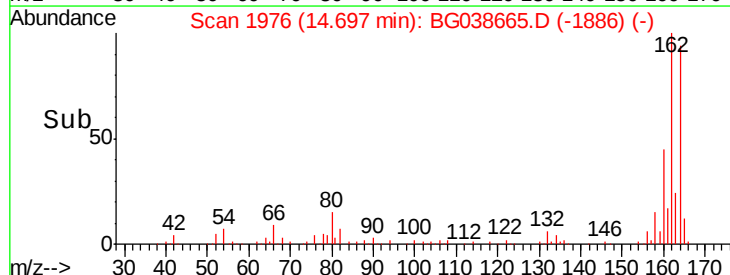
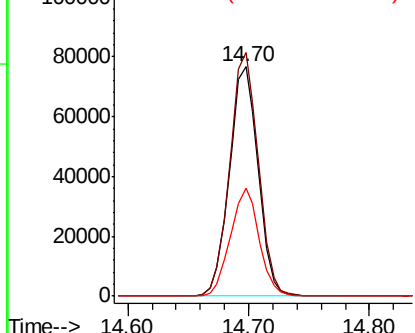


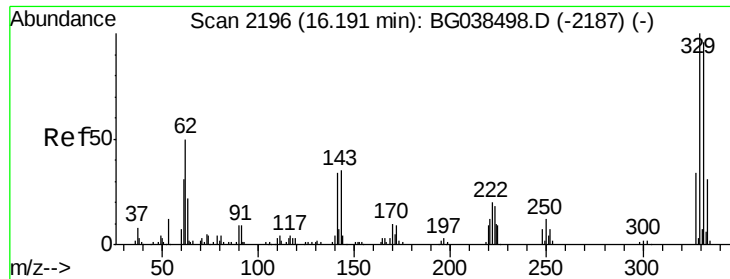
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG038665.D
Acq: 17 Dec 2018 16:23

Tgt Ion: 164 Resp: 126801
Ion Ratio Lower Upper
164 100
162 106.2 86.6 130.0
160 47.3 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

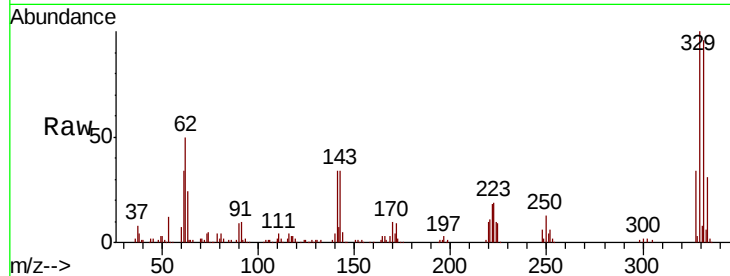




#42
 2,4,6-Tribromophenol
 Concen: 80.177 ng
 RT: 16.19 min Scan# 2230
 Delta R.T. -0.00 min
 Lab File: BG038665.D
 Acq: 17 Dec 2018 16:23

Instrument :
 BNA_G
 ClientSampleId :
 P001-SS001-1218-01

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.9	115.3
141	36.9	28.8	43.2

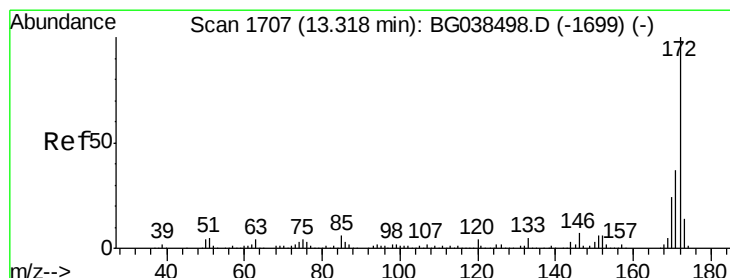
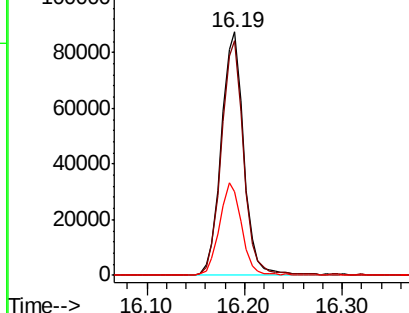
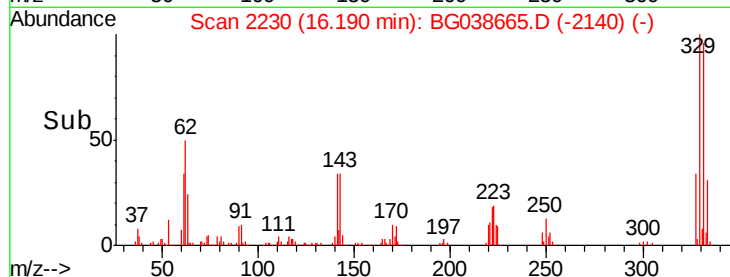


Abundance

Ion 329.80 (329.50 to 330.50): E

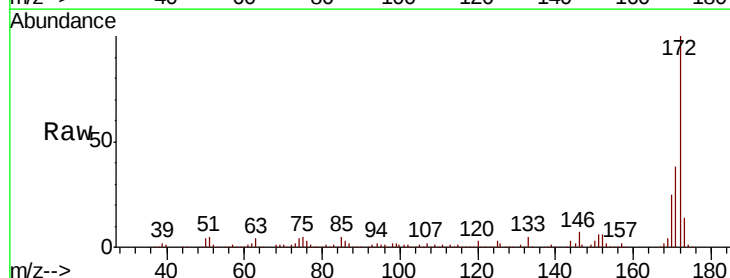
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 41.347 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG038665.D
 Acq: 17 Dec 2018 16:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	29.8	44.6
170	25.4	19.5	29.3

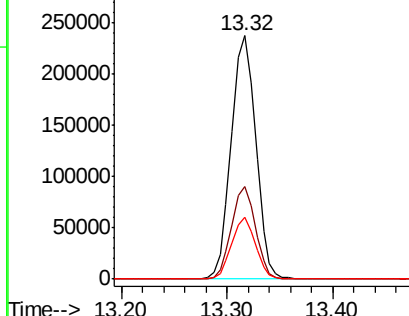
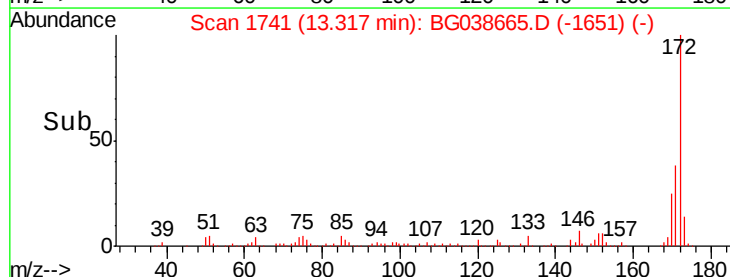


Abundance

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





#50

Dimethylphthalate

Concen: 2.654 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BG038665.D

Acq: 17 Dec 2018 16:23

Instrument :

BNA_G

ClientSampleId :

P001-SS001-1218-01

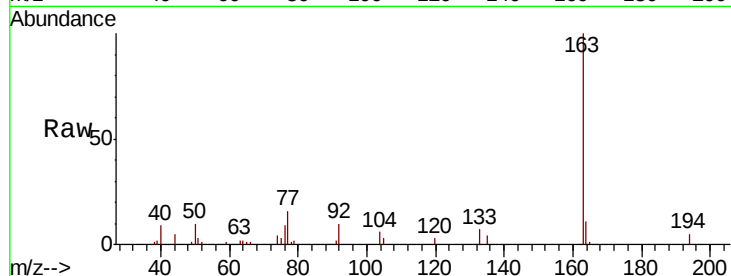
Tgt Ion:163 Resp: 27479

Ion Ratio Lower Upper

163 100

194 4.8 3.7 5.5

164 11.4 8.6 12.8

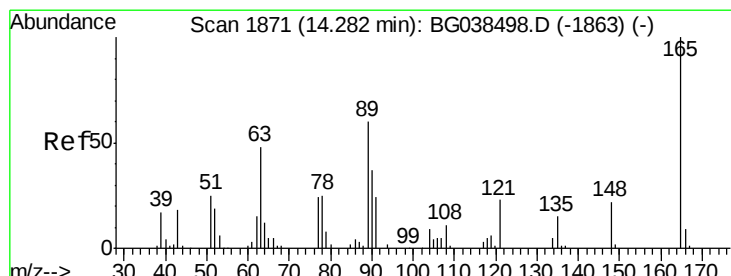
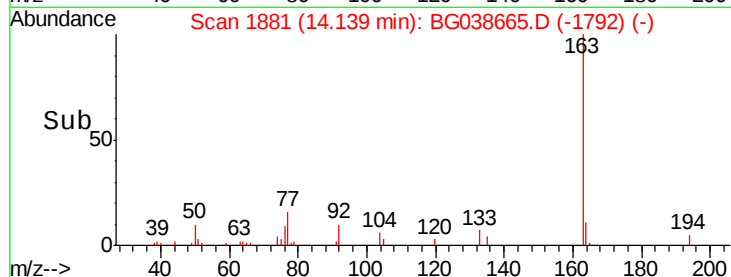
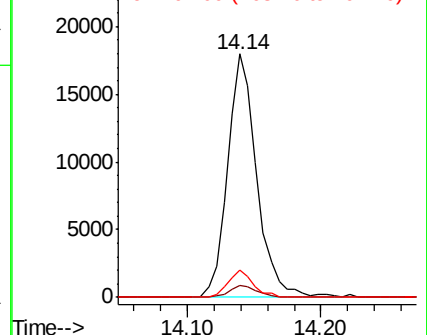


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 6.765 ng

RT: 14.70 min Scan# 1976

Delta R.T. 0.42 min

Lab File: BG038665.D

Acq: 17 Dec 2018 16:23

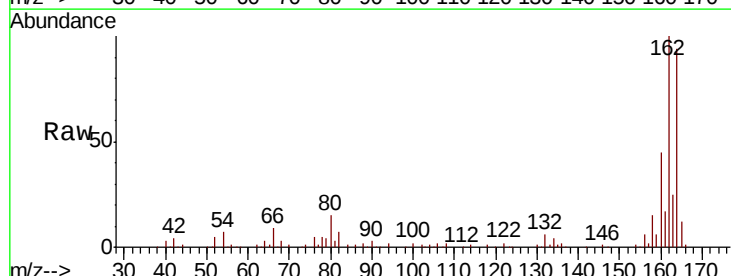
Tgt Ion:165 Resp: 15875

Ion Ratio Lower Upper

165 100

63 2.0 51.8 77.6#

89 2.0 47.9 71.9#

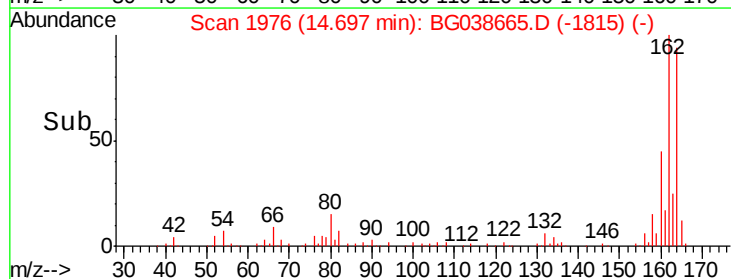
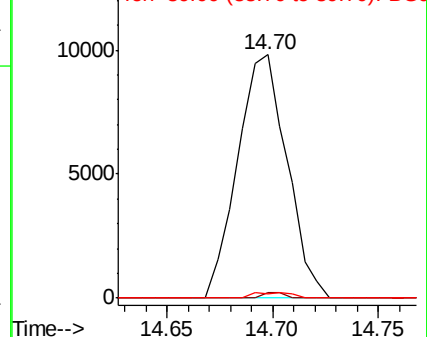


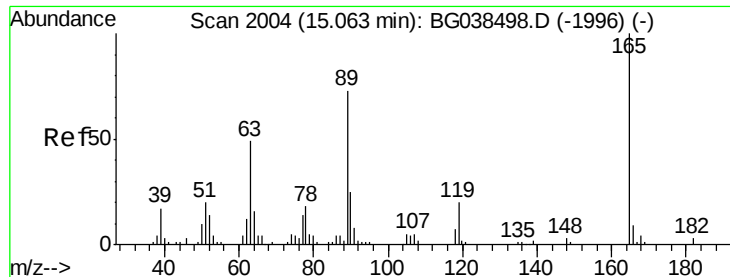
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

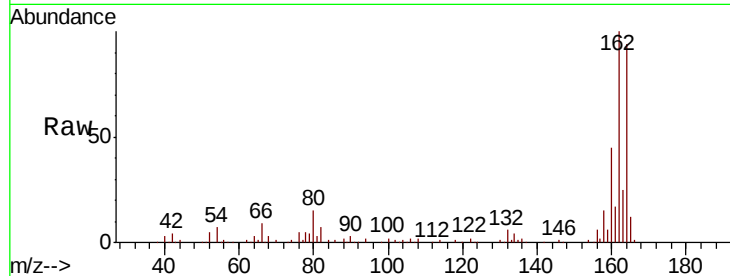




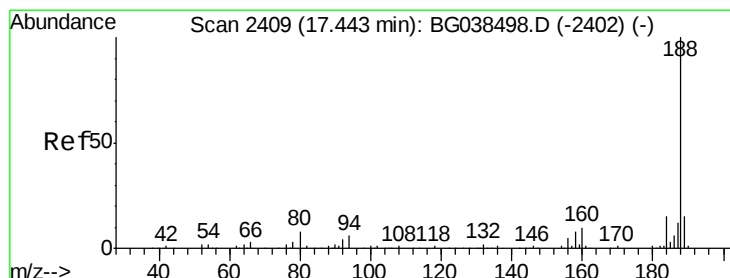
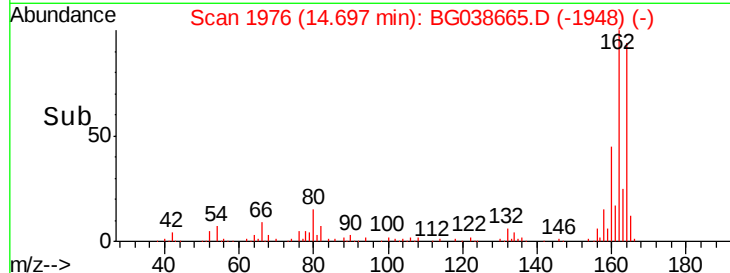
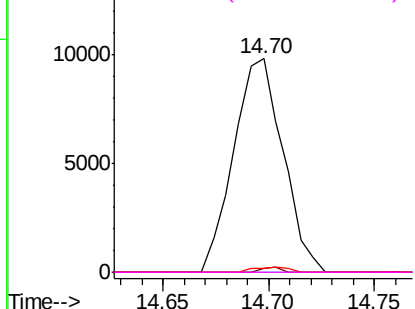
#57
 2,4-Dinitrotoluene
 Concen: 4.803 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. -0.37 min
 Lab File: BG038665.D
 Acq: 17 Dec 2018 16:23

Instrument :
 BNA_G
 ClientSampleId :
 P001-SS001-1218-01

Tgt Ion:	165	Resp:	15875
Ion	Ratio	Lower	Upper
165	100		
63	2.0	39.0	58.4#
89	2.0	58.0	87.0#
182	0.0	2.3	3.5#

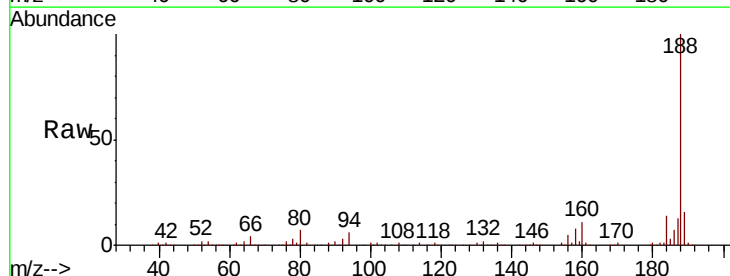


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

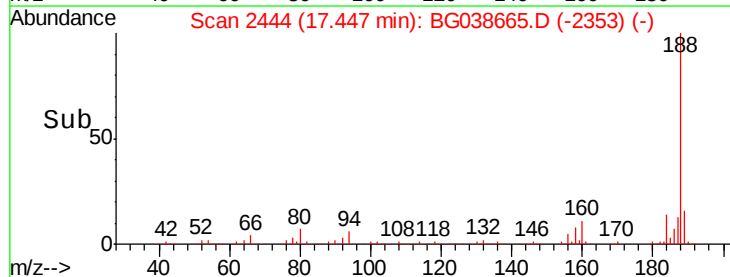
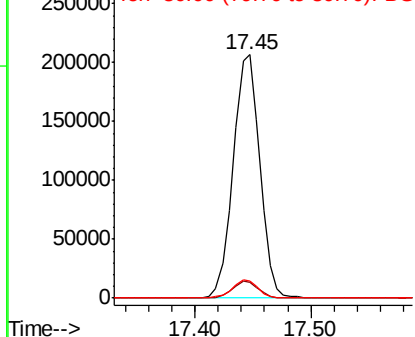


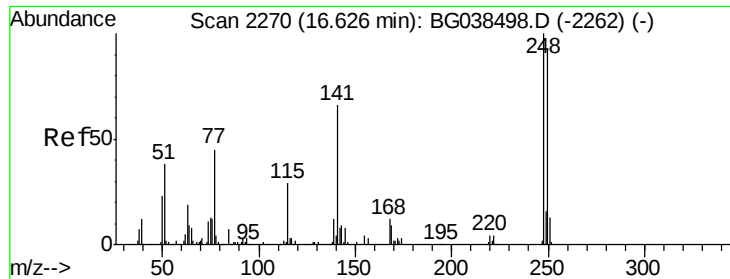
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.45 min Scan# 2444
 Delta R.T. 0.00 min
 Lab File: BG038665.D
 Acq: 17 Dec 2018 16:23

Tgt Ion:	188	Resp:	329889
Ion	Ratio	Lower	Upper
188	100		
94	6.5	5.1	7.7
80	7.2	6.1	9.1



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

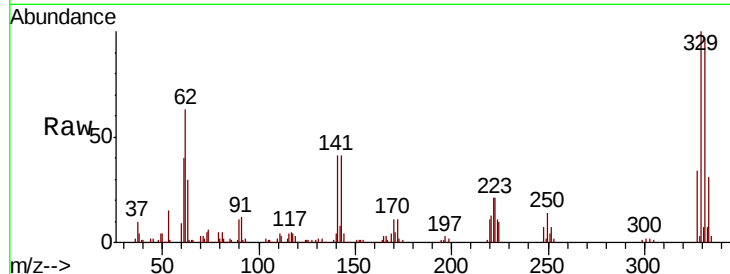




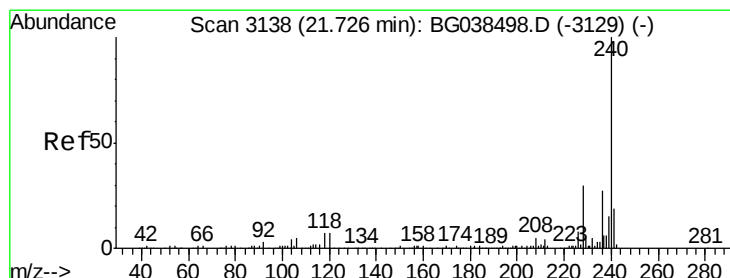
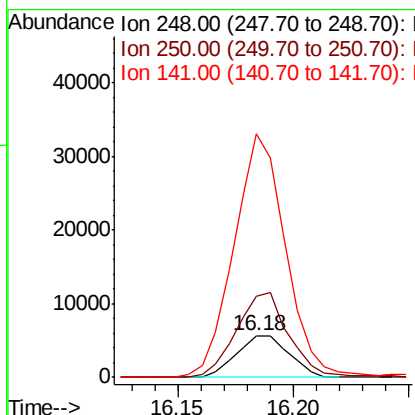
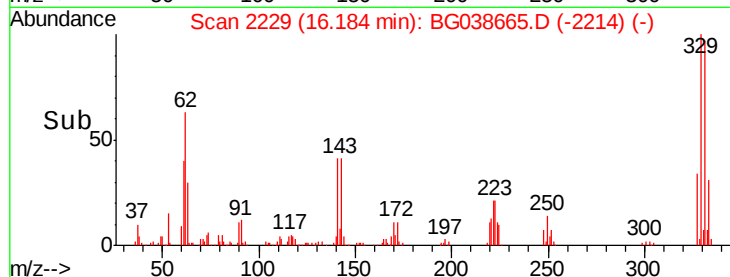
#67
4-Bromophenyl-phenylether
Concen: 2.210 ng
RT: 16.18 min Scan# 2229
Delta R.T. -0.44 min
Lab File: BG038665.D
Acq: 17 Dec 2018 16:23

Instrument :
BNA_G
ClientSampleId :
P001-SS001-1218-01

Tgt Ion:248 Resp: 8905
Ion Ratio Lower Upper
248 100
250 196.9 73.4 110.2#
141 449.2 52.9 79.3#

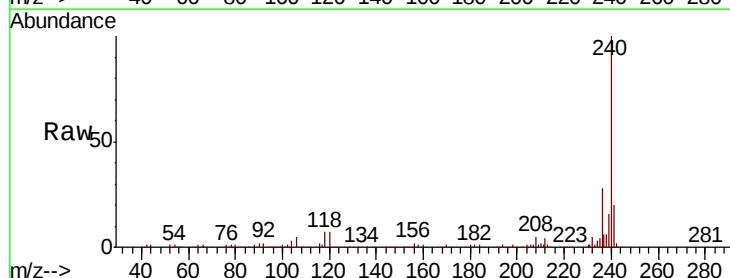


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

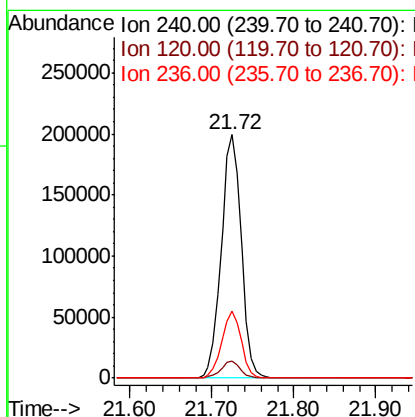
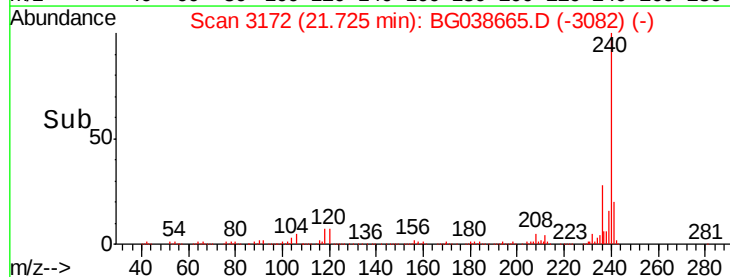


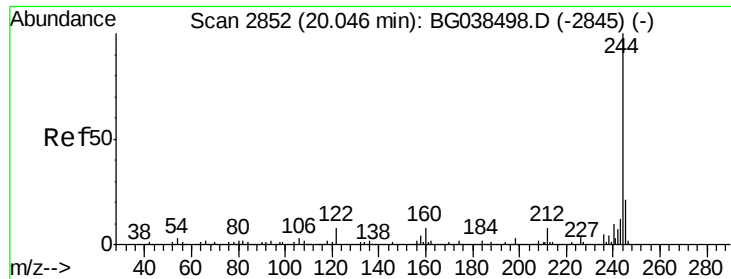
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3172
Delta R.T. -0.00 min
Lab File: BG038665.D
Acq: 17 Dec 2018 16:23

Tgt Ion:240 Resp: 339413
Ion Ratio Lower Upper
240 100
120 6.8 5.3 7.9
236 27.7 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





#79

Terphenyl-d14

Concen: 41.533 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038665.D

Acq: 17 Dec 2018 16:23

Instrument :

BNA_G

ClientSampleId :

P001-SS001-1218-01

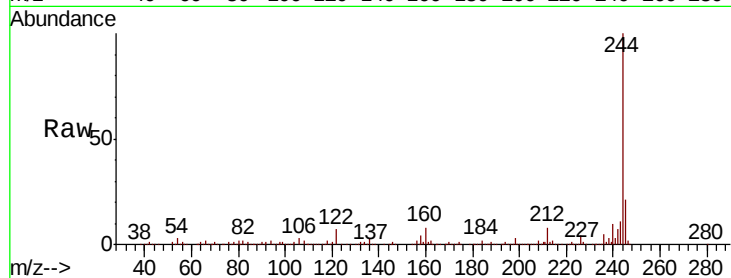
Tgt Ion:244 Resp: 647741

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

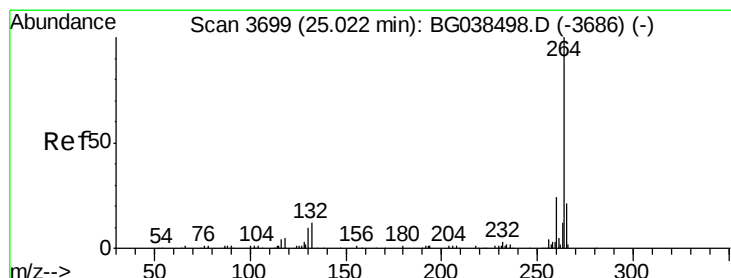
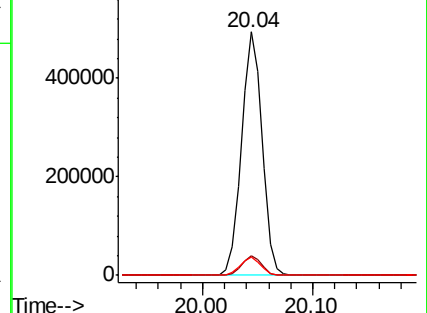
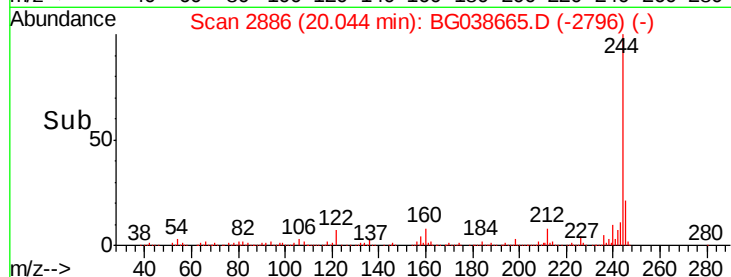
122 7.4 6.3 9.5



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: 25.03 min Scan# 3734

Delta R.T. 0.00 min

Lab File: BG038665.D

Acq: 17 Dec 2018 16:23

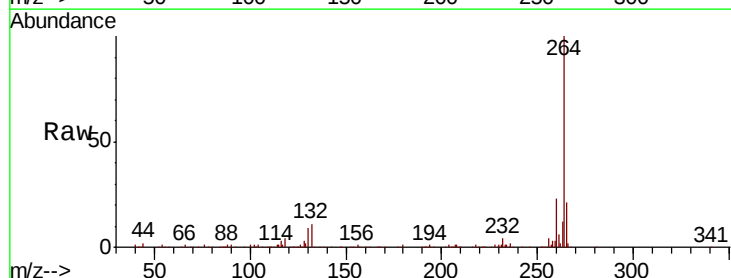
Tgt Ion:264 Resp: 367006

Ion Ratio Lower Upper

264 100

260 22.9 18.9 28.3

265 21.4 17.0 25.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

