

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121718\
 Data File : BG038667.D
 Acq On : 17 Dec 2018 17:43
 Operator : JU/SJ
 Sample : J6357-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-01B

Quant Time: Dec 18 02:57:22 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

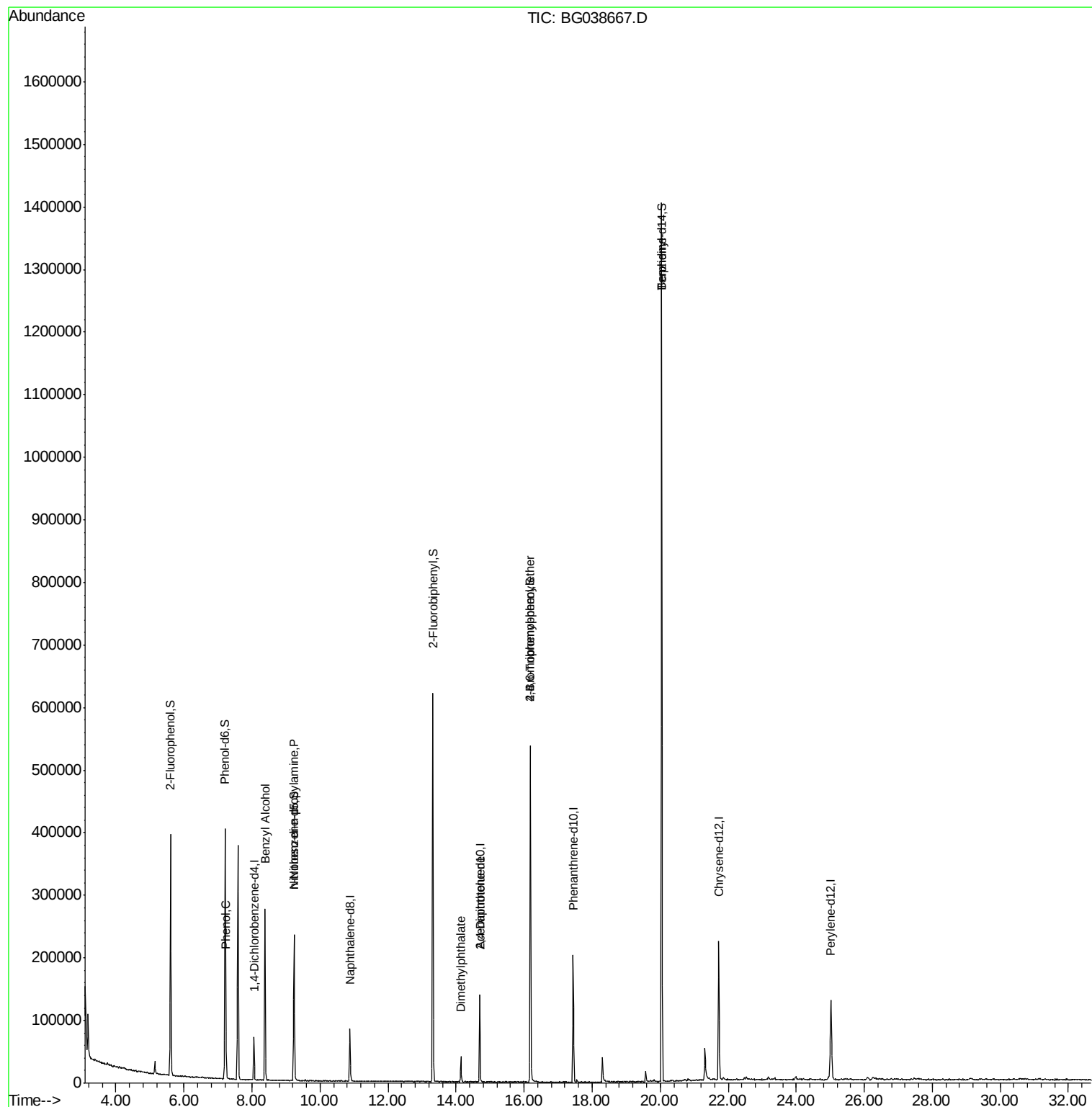
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	19188	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	74410	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	49837	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	132365	20.00	ng	0.00
76) Chrysene-d12	21.72	240	145094	20.00	ng	0.00
87) Perylene-d12	25.02	264	153034	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	161856	149.61	ng	0.00
7) Phenol-d6	7.21	99	215434	145.06	ng	0.00
23) Nitrobenzene-d5	9.24	82	141818	97.37	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	105138	153.07	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	328535	90.43	ng	0.00
79) Terphenyl-d14	20.04	244	667670	100.15	ng	0.00
Target Compounds						
10) Phenol	7.24	94	14642	9.280	ng	90
15) Benzyl Alcohol	8.38	79	2369	2.044	ng	# 56
19) n-Nitroso-di-n-propylamine	9.23	70	19453	18.649	ng	# 63
50) Dimethylphthalate	14.14	163	27852	6.843	ng	100
57) 2,4-Dinitrotoluene	14.70	165	6138	4.725	ng	# 21
67) 4-Bromophenyl-phenylether	16.18	248	6907	4.273	ng	# 1
77) Benzidine	20.04	184	12753	2.972	ng	# 94

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

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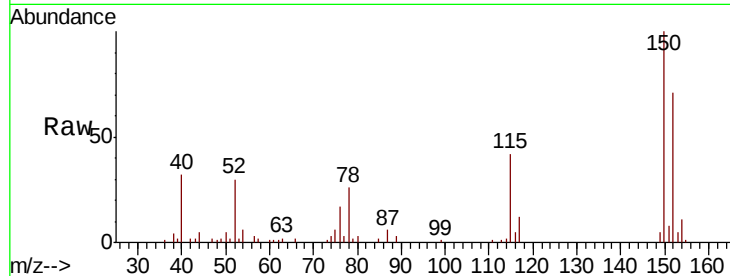


#1

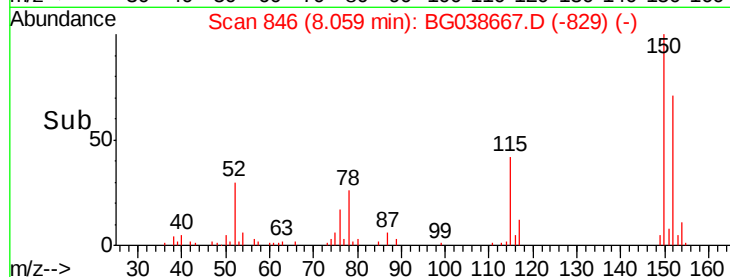
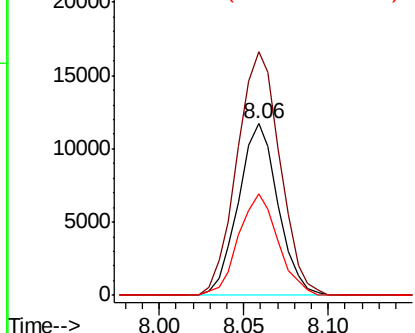
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038667.D
Acq: 17 Dec 2018 17:43

Instrument :
BNA_G
ClientSampleId :
SB-01B

Tgt Ion:152 Resp: 19188
Ion Ratio Lower Upper
152 100
150 141.7 119.5 179.3
115 59.3 49.6 74.4



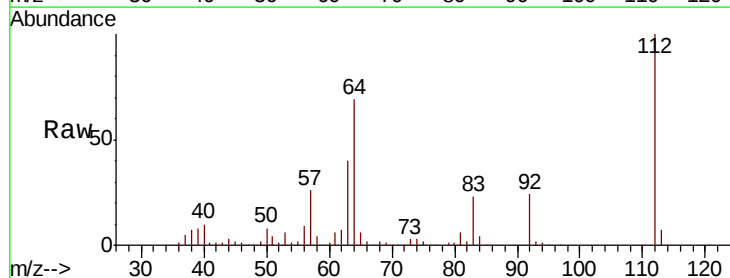
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



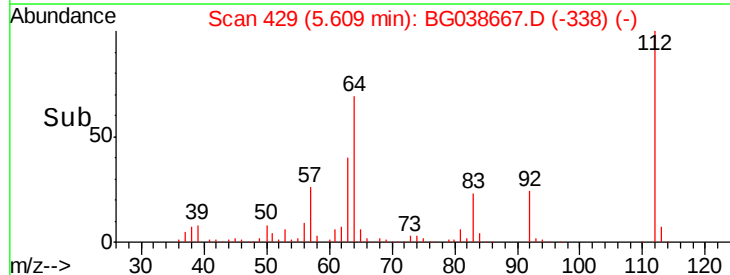
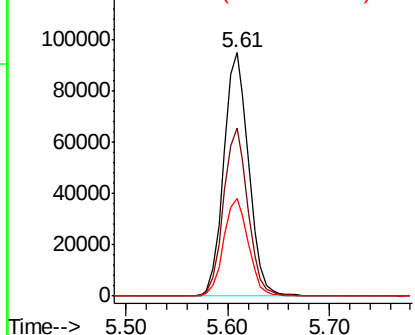
#5

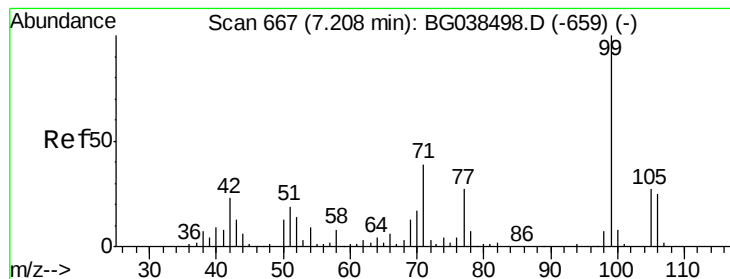
2-Fluorophenol
Concen: 149.612 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038667.D
Acq: 17 Dec 2018 17:43

Tgt Ion:112 Resp: 161856
Ion Ratio Lower Upper
112 100
64 68.9 53.4 80.2
63 40.1 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: 145.059 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038667.D

Acq: 17 Dec 2018 17:43

Instrument :

BNA_G

ClientSampleId :

SB-01B

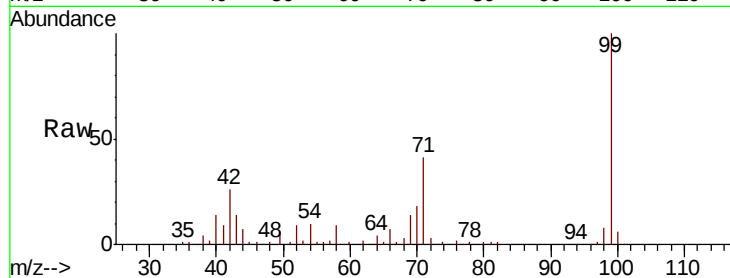
Tgt Ion: 99 Resp: 215434

Ion Ratio Lower Upper

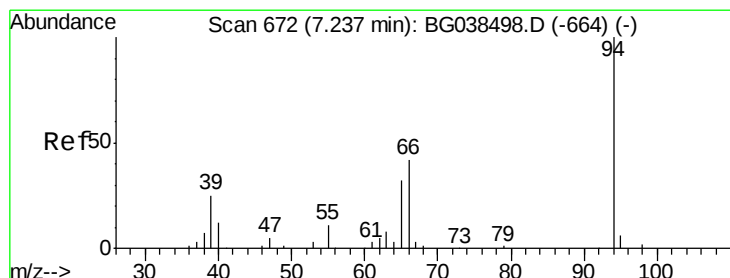
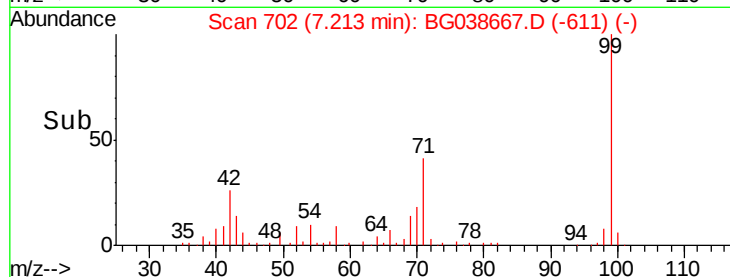
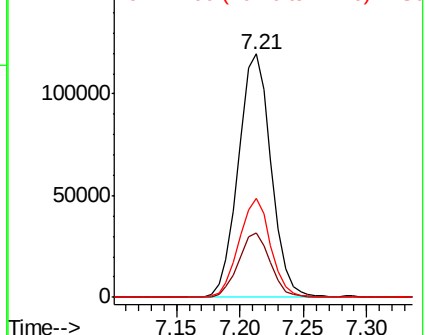
99 100

42 26.3 18.5 27.7

71 40.7 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: 9.280 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG038667.D

Acq: 17 Dec 2018 17:43

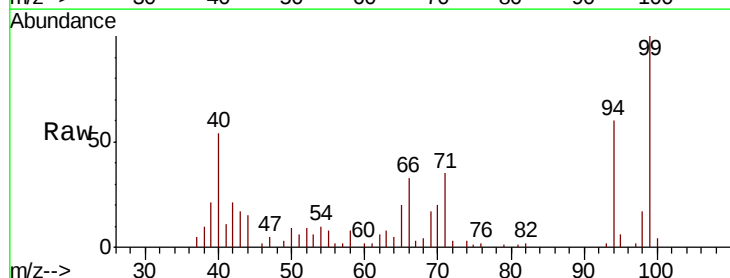
Tgt Ion: 94 Resp: 14642

Ion Ratio Lower Upper

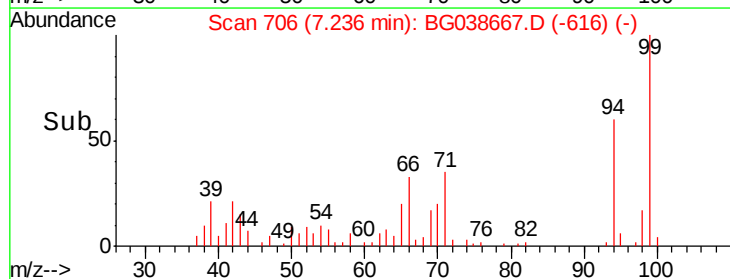
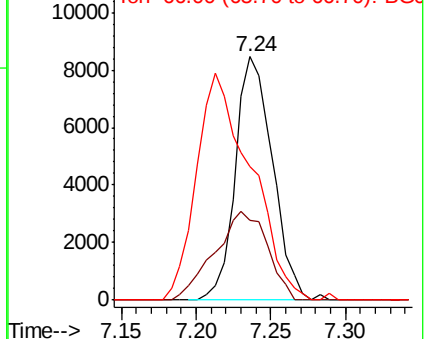
94 100

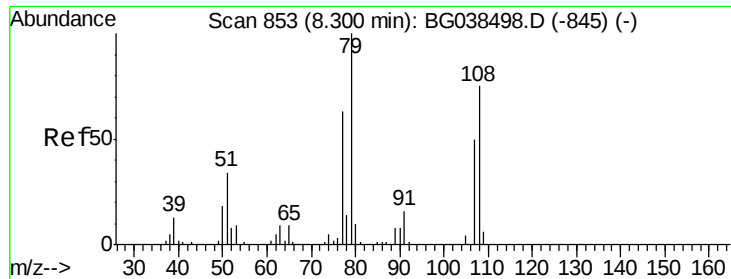
65 32.6 12.6 52.6

66 55.1 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# 901

Delta R.T. 0.08 min

Lab File: BG038667.D

Acq: 17 Dec 2018 17:43

Instrument :

BNA_G

ClientSampleId :

SB-01B

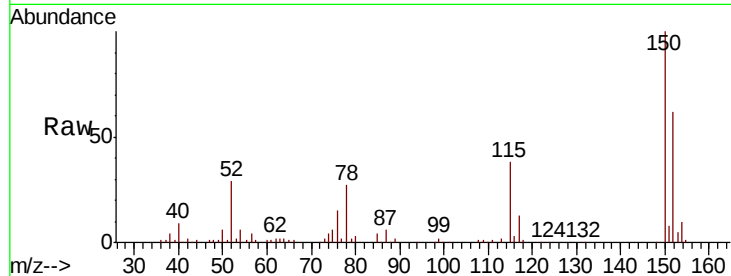
Tgt Ion: 79 Resp: 2369

Ion Ratio Lower Upper

79 100

108 32.0 60.2 90.4#

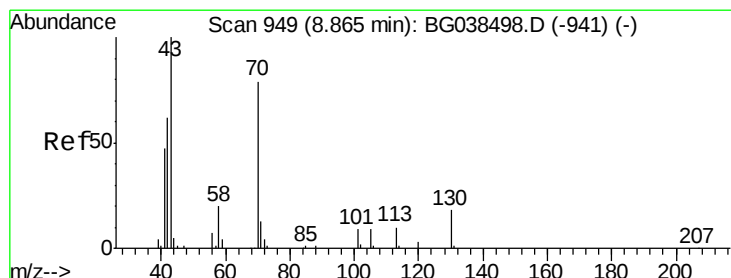
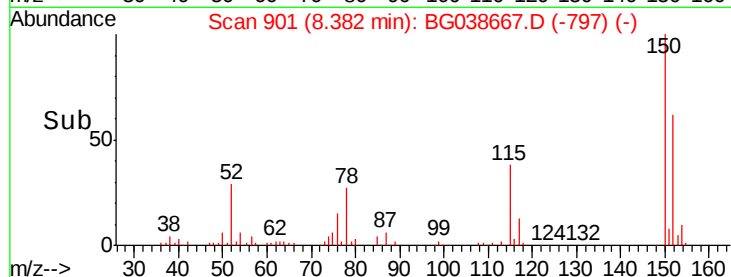
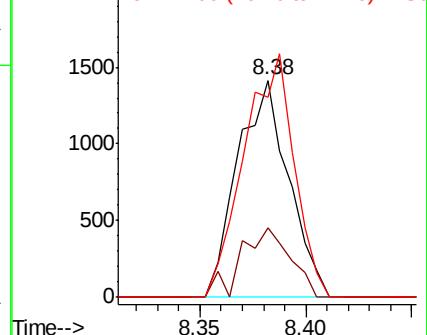
77 92.1 50.7 76.1#



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: 18.649 ng

RT: 9.23 min Scan# 1046

Delta R.T. 0.37 min

Lab File: BG038667.D

Acq: 17 Dec 2018 17:43

Tgt Ion: 70 Resp: 19453

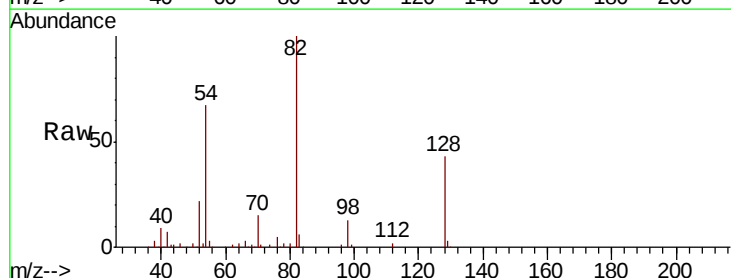
Ion Ratio Lower Upper

70 100

42 48.1 63.6 95.4#

101 0.0 9.2 13.8#

130 2.2 18.5 27.7#

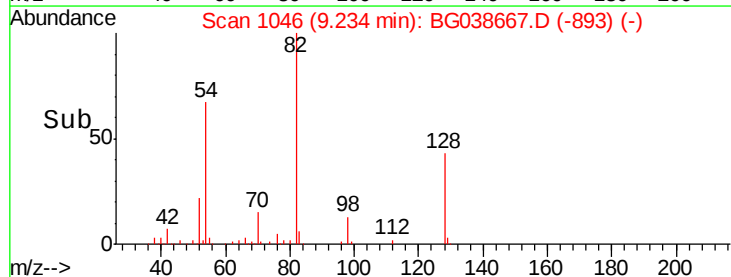
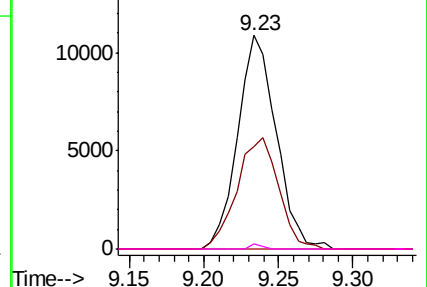


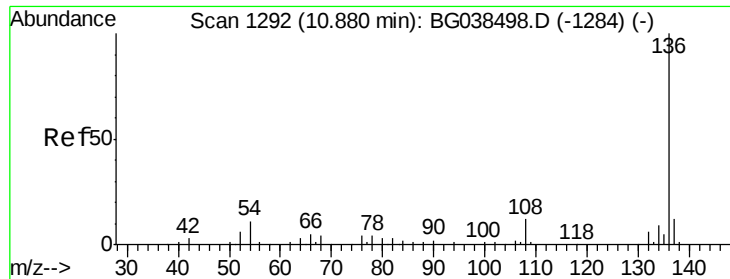
Abundance Ion 70.00 (69.70 to 70.70): BGC

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

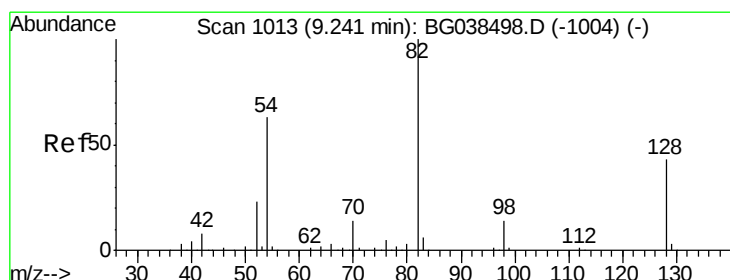
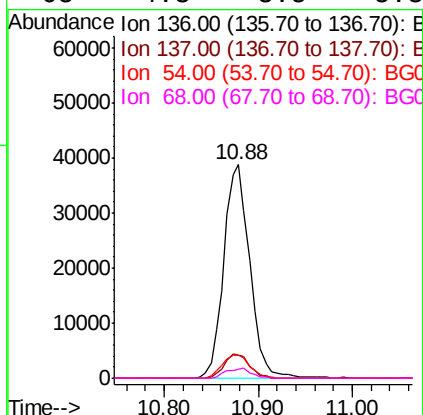
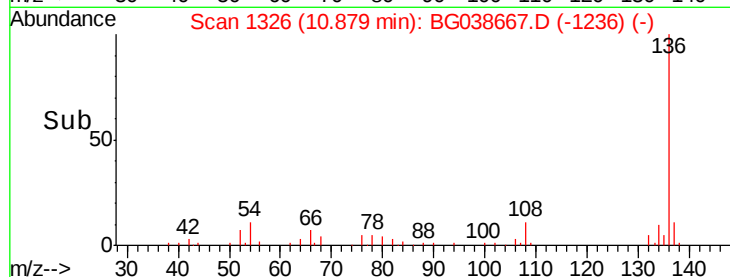
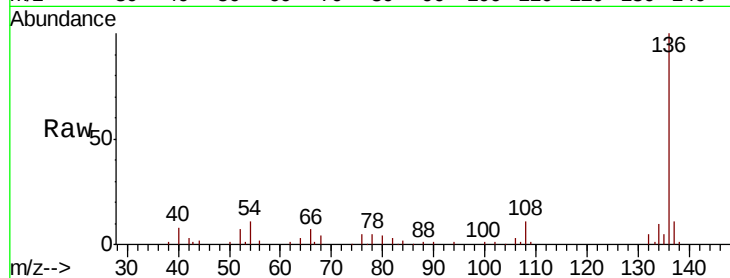




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038667.D
Acq: 17 Dec 2018 17:43

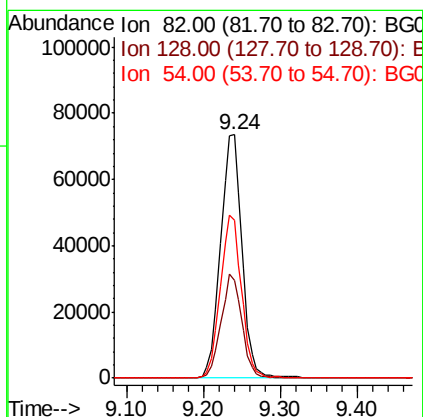
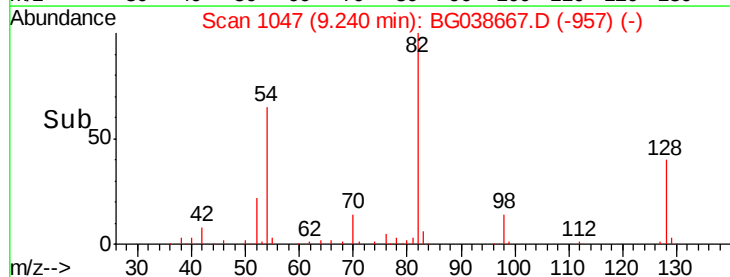
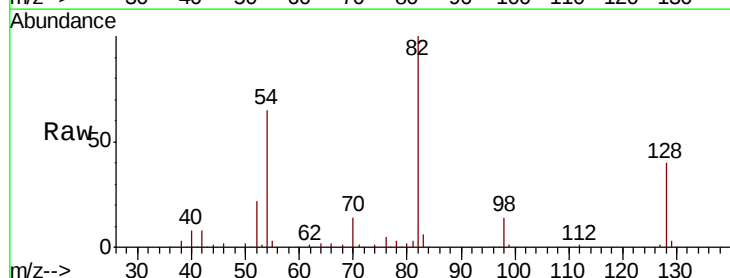
Instrument :
BNA_G
ClientSampleId :
SB-01B

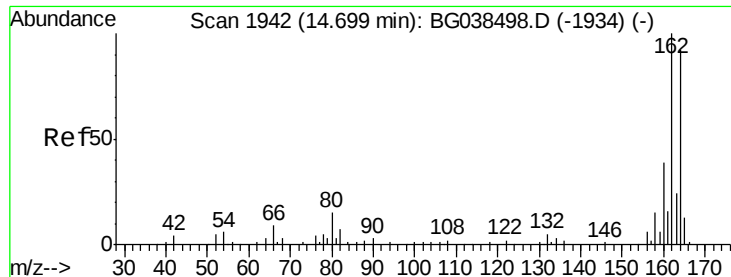
Tgt Ion:	136	Resp:	74410
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.3	13.9
54	10.5	8.5	12.7
68	4.3	3.5	5.3



#23
Nitrobenzene-d5
Concen: 97.367 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG038667.D
Acq: 17 Dec 2018 17:43

Tgt Ion:	82	Resp:	141818
Ion	Ratio	Lower	Upper
82	100		
128	40.0	34.6	52.0
54	65.0	50.6	76.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG038667.D

Acq: 17 Dec 2018 17:43

Instrument :

BNA_G

ClientSampleId :

SB-01B

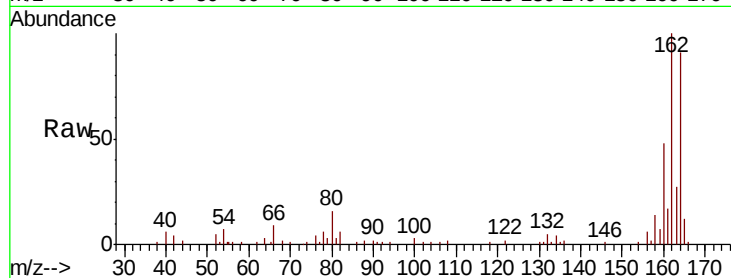
Tgt Ion:164 Resp: 49837

Ion Ratio Lower Upper

164 100

162 109.9 86.6 130.0

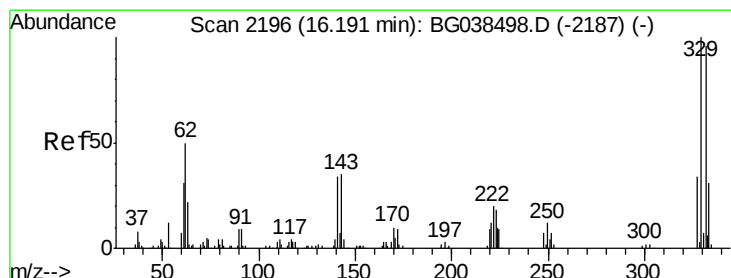
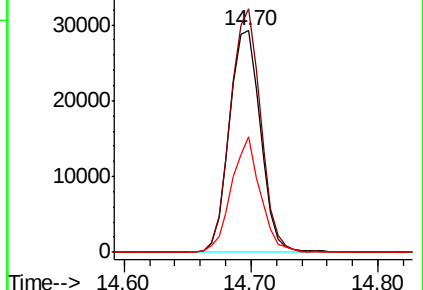
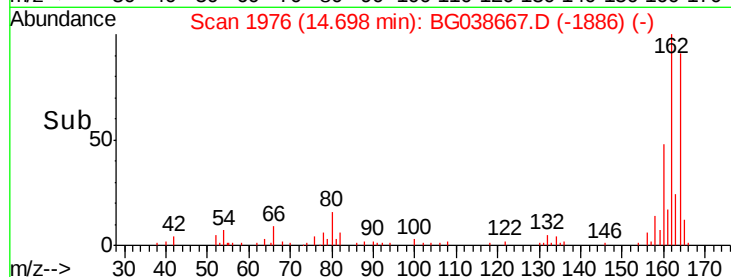
160 52.4 34.2 51.2#



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: 153.074 ng

RT: 16.18 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG038667.D

Acq: 17 Dec 2018 17:43

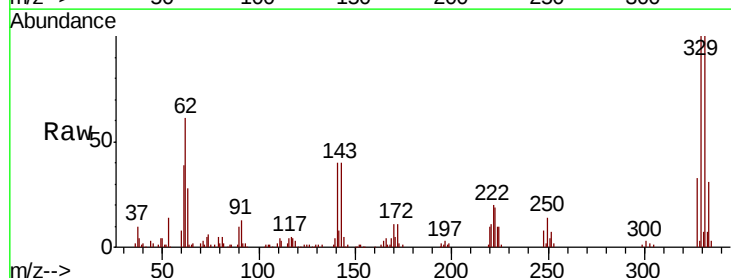
Tgt Ion:330 Resp: 105138

Ion Ratio Lower Upper

330 100

332 96.2 76.9 115.3

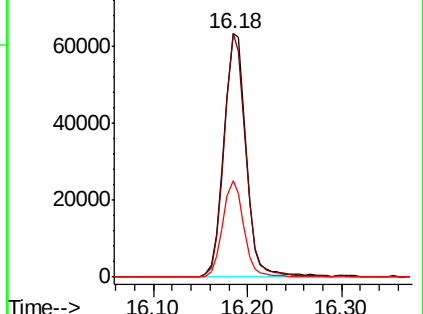
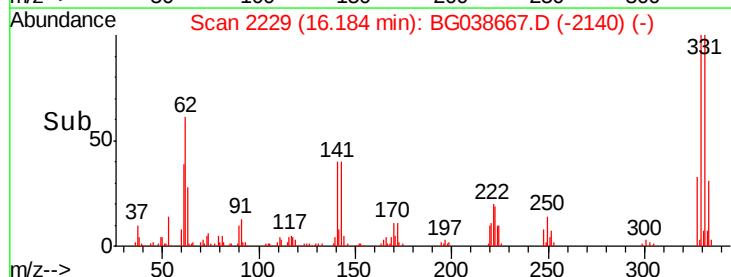
141 37.6 28.8 43.2

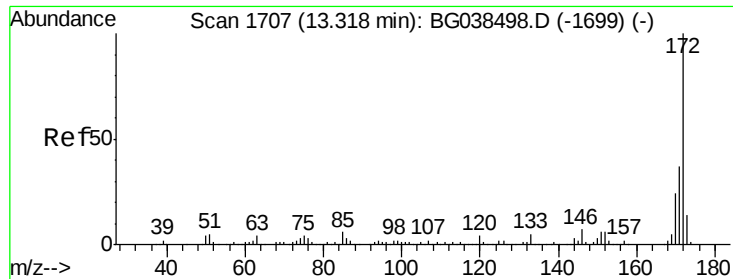


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

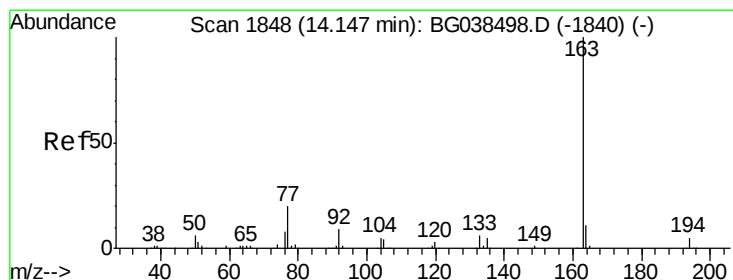
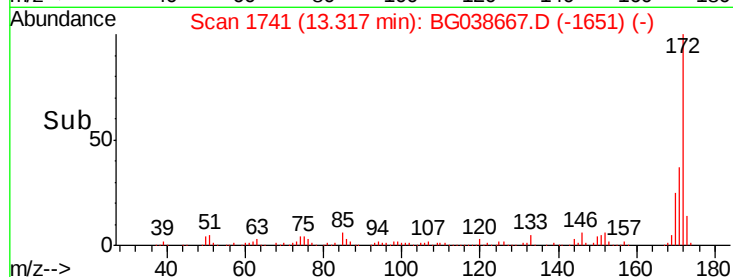
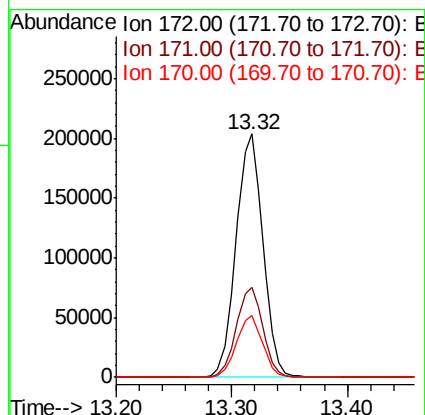
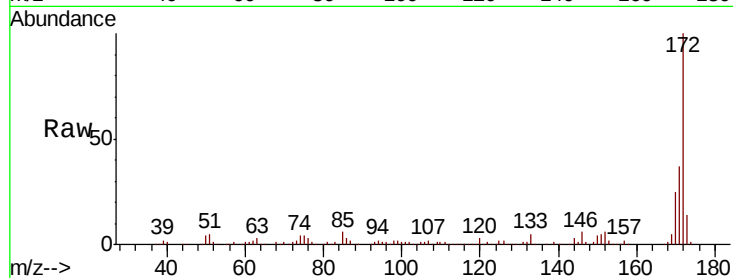




#45
 2-Fluorobiphenyl
 Concen: 90.435 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG038667.D
 Acq: 17 Dec 2018 17:43

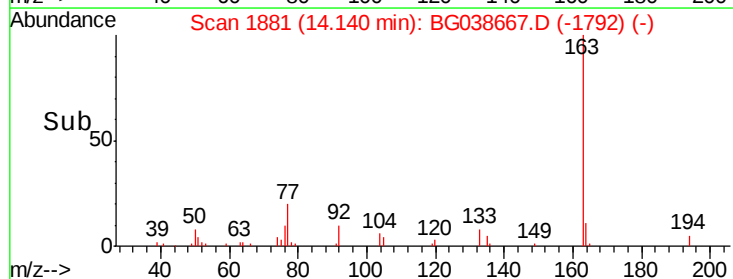
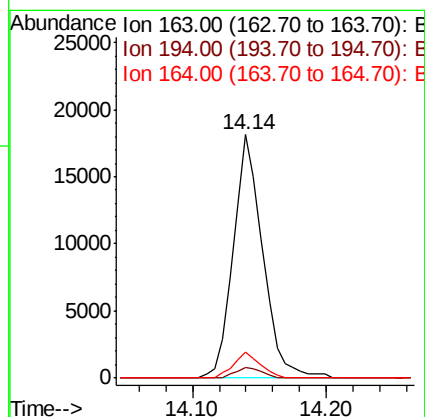
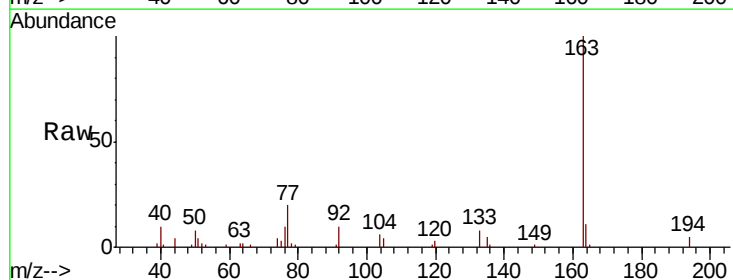
Instrument :
 BNA_G
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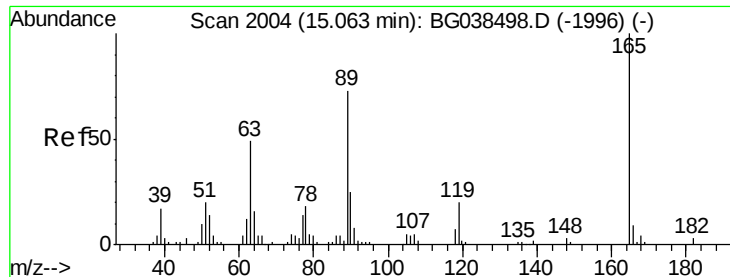
Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.8	44.6
170	25.3	19.5	29.3



#50
 Dimethylphthalate
 Concen: 6.843 ng
 RT: 14.14 min Scan# 1881
 Delta R.T. -0.01 min
 Lab File: BG038667.D
 Acq: 17 Dec 2018 17:43

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.7	5.5
164	10.5	8.6	12.8

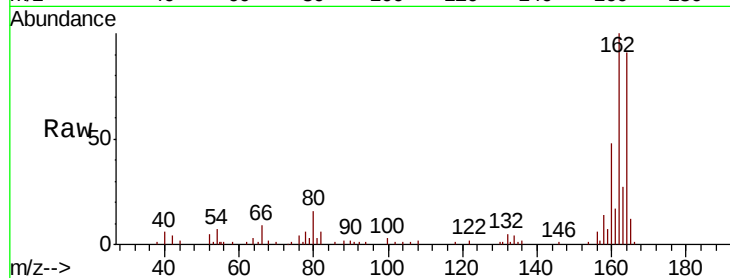




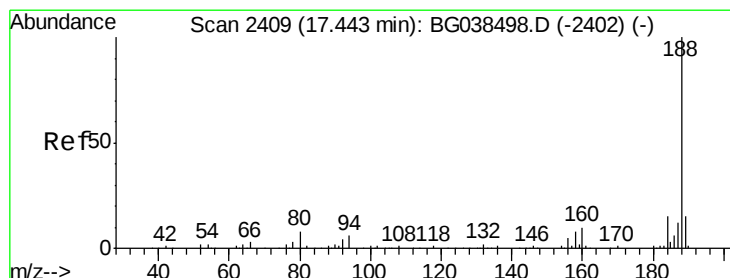
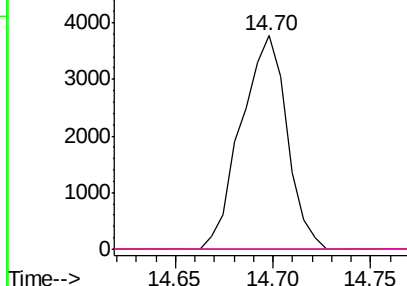
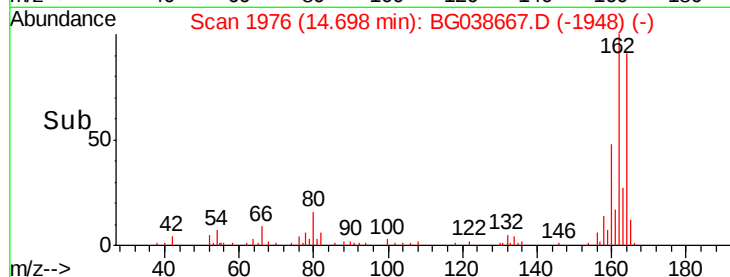
#57
2,4-Dinitrotoluene
Concen: 4.725 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.37 min
Lab File: BG038667.D
Acq: 17 Dec 2018 17:43

Instrument :
BNA_G
ClientSampleId :
SB-01B

Tgt 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#

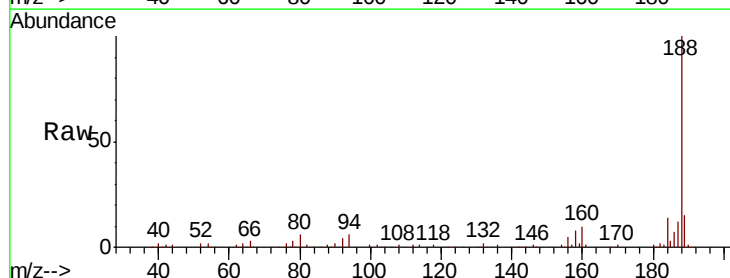


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

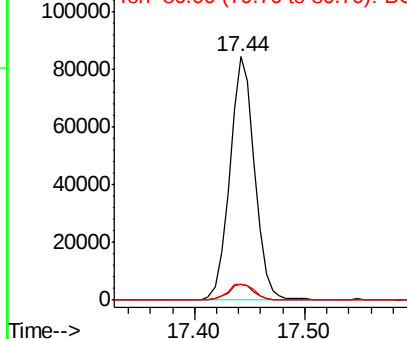
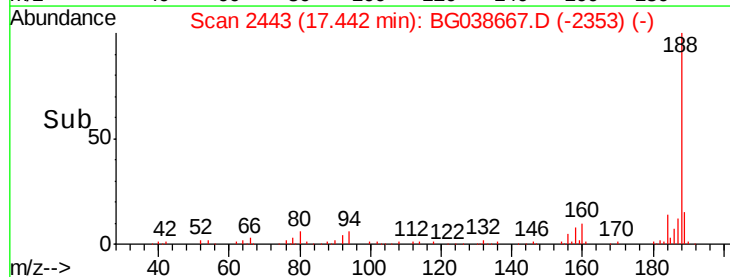


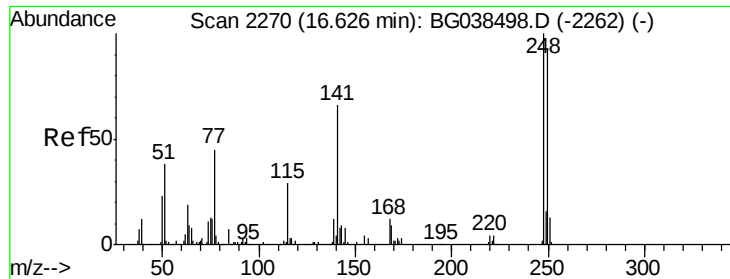
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038667.D
Acq: 17 Dec 2018 17:43

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.5	5.1	7.7
80	6.4	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

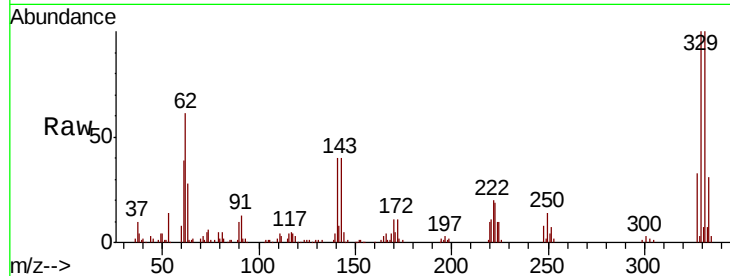




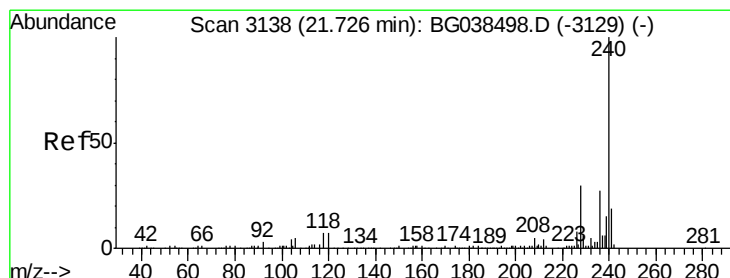
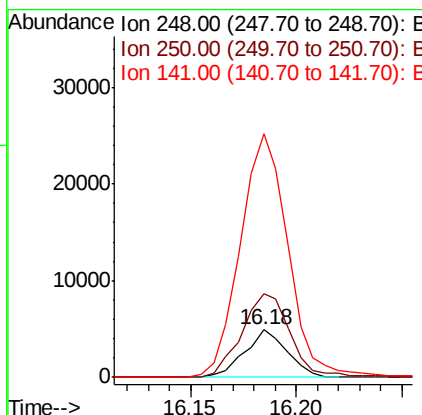
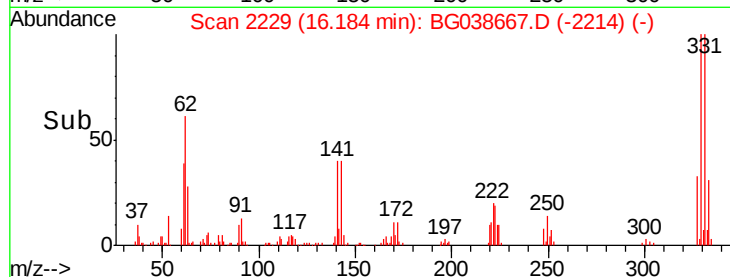
#67
 4-Bromophenyl-phenylether
 Concen: 4.273 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. -0.44 min
 Lab File: BG038667.D
 Acq: 17 Dec 2018 17:43

Instrument :
 BNA_G
 ClientSampleId :
 SB-01B

Tgt Ion:248 Resp: 6907
 Ion Ratio Lower Upper
 248 100
 250 185.6 73.4 110.2#
 141 419.0 52.9 79.3#

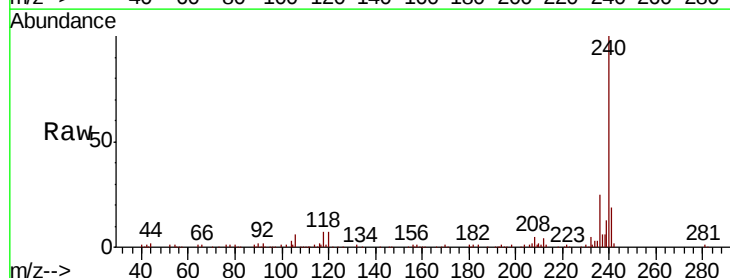


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

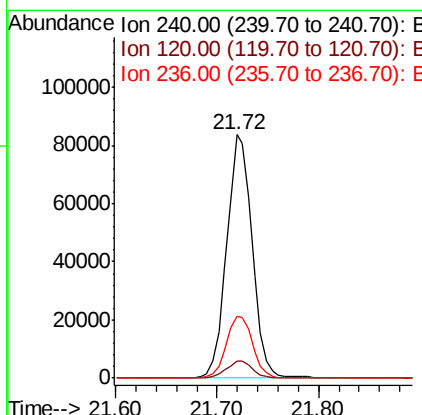
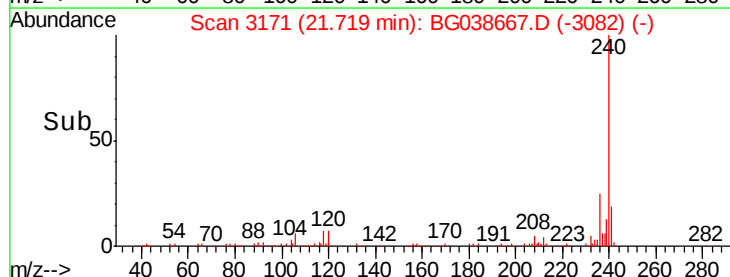


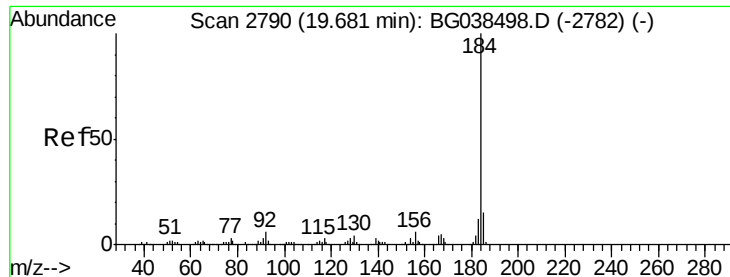
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3171
 Delta R.T. -0.01 min
 Lab File: BG038667.D
 Acq: 17 Dec 2018 17:43

Tgt Ion:240 Resp: 145094
 Ion Ratio Lower Upper
 240 100
 120 6.9 5.3 7.9
 236 25.4 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: 2.972 ng

RT: 20.04 min Scan# 2886

Delta R.T. 0.36 min

Lab File: BG038667.D

Acq: 17 Dec 2018 17:43

Instrument :

BNA_G

ClientSampleId :

SB-01B

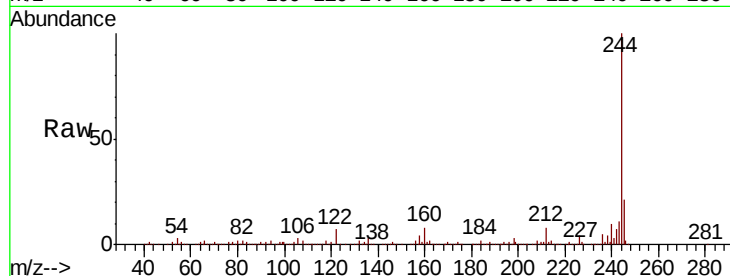
Tgt Ion:184 Resp: 12753

Ion Ratio Lower Upper

184 100

185 14.7 12.2 18.2

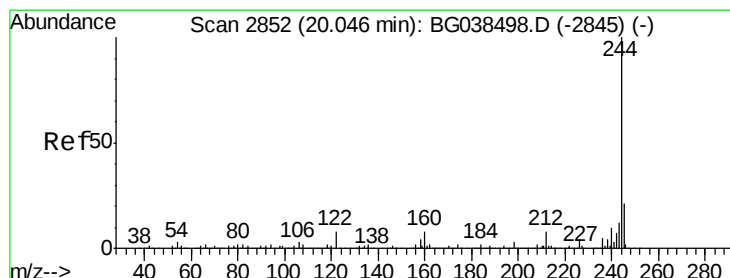
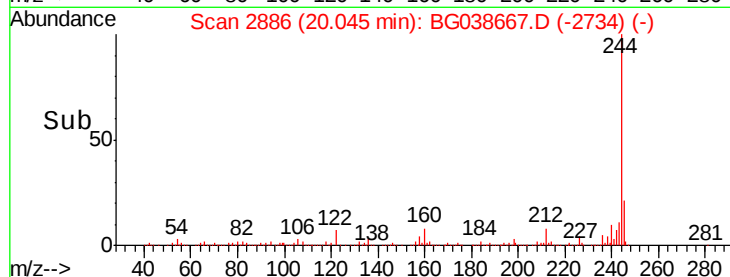
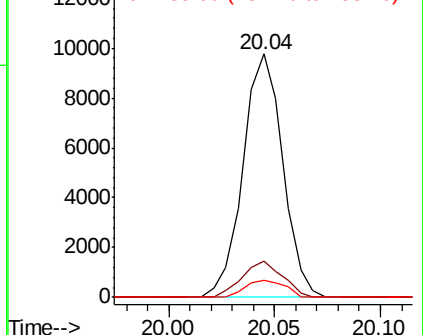
183 7.1 9.6 14.4#



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: 100.147 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038667.D

Acq: 17 Dec 2018 17:43

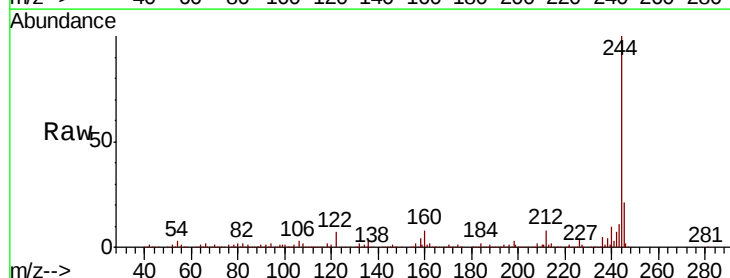
Tgt Ion:244 Resp: 667670

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

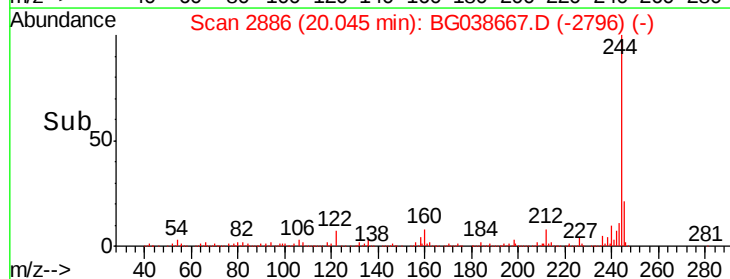
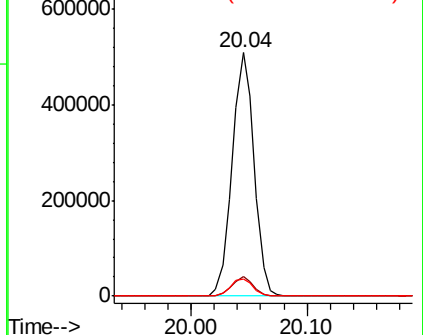
122 7.1 6.3 9.5

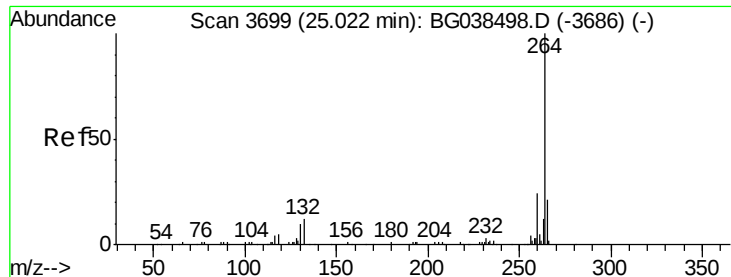


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3733
Delta R.T. -0.00 min
Lab File: BG038667.D
Acq: 17 Dec 2018 17:43

Instrument :
BNA_G
ClientSampleId :
SB-01B

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.9	18.9	28.3
265	22.0	17.0	25.4

