

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121718\
 Data File : BG038670.D
 Acq On : 17 Dec 2018 19:42
 Operator : JU/SJ
 Sample : J6391-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-SS015-1218-01

Quant Time: Dec 18 02:57:48 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

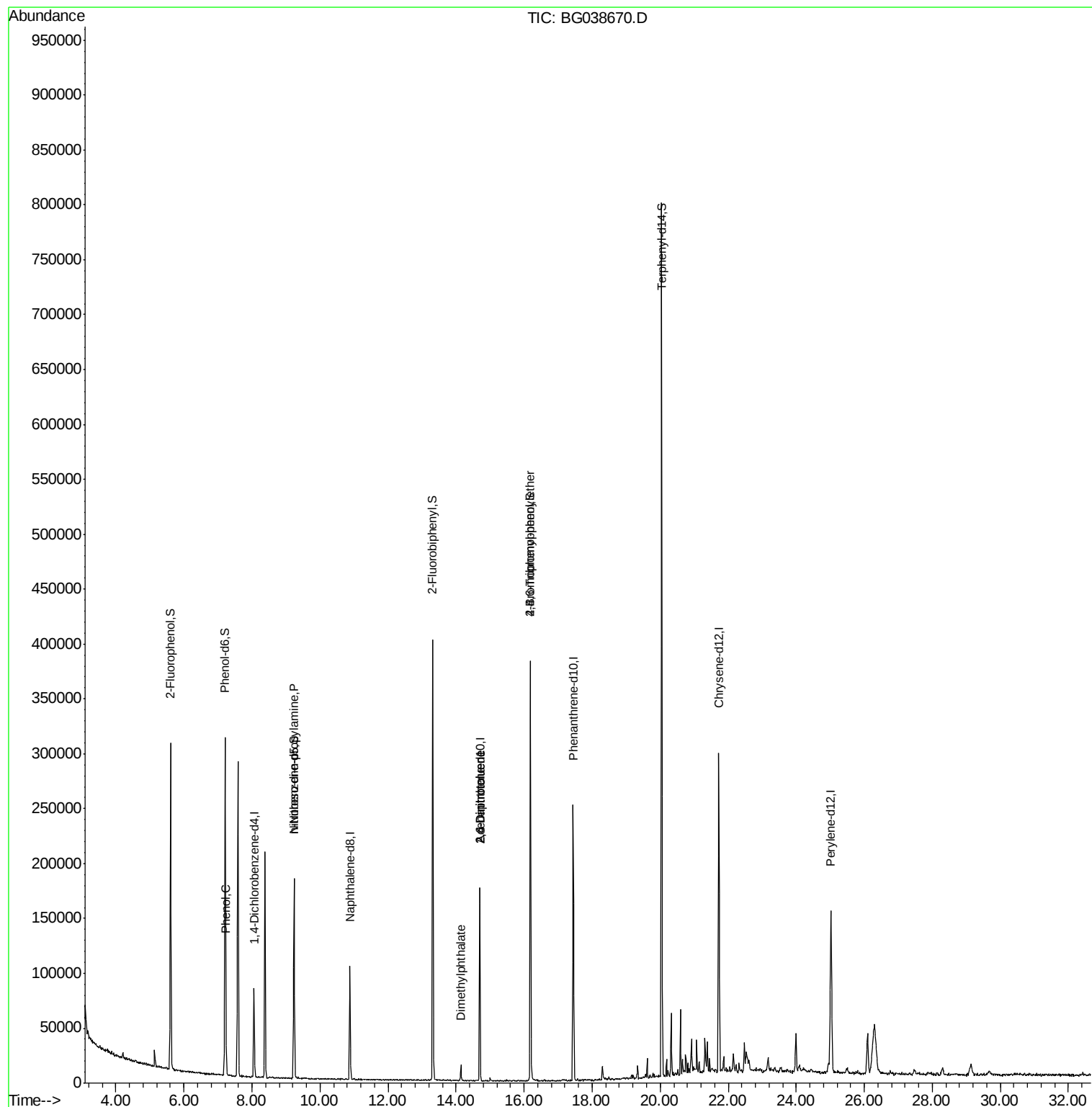
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	22934	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	90727	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	62064	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	163852	20.00	ng	0.00
76) Chrysene-d12	21.73	240	166121	20.00	ng	0.00
87) Perylene-d12	25.02	264	179271	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	124052	95.94	ng	0.00
7) Phenol-d6	7.21	99	169140	95.29	ng	0.00
23) Nitrobenzene-d5	9.23	82	108569	61.13	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	75884	88.72	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	219185	48.45	ng	0.00
79) Terphenyl-d14	20.04	244	384036	50.31	ng	0.00
Target Compounds						
10) Phenol	7.24	94	9630	5.106	ng	92
19) n-Nitroso-di-n-propylamine	9.23	70	14668	11.765	ng	# 69
50) Dimethylphthalate	14.15	163	11193	2.208	ng	# 95
51) 2,6-Dinitrotoluene	14.69	165	7946	6.918	ng	# 19
57) 2,4-Dinitrotoluene	14.69	165	7946	4.912	ng	# 21
67) 4-Bromophenyl-phenylether	16.18	248	4693	2.345	ng	# 1

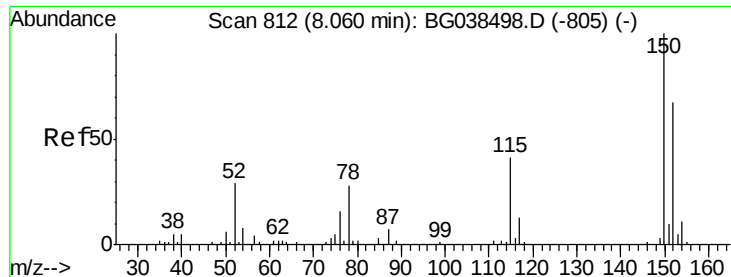
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121718\
Data File : BG038670.D
Acq On : 17 Dec 2018 19:42
Operator : JU/SJ
Sample : J6391-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P001-SS015-1218-01

Quant Time: Dec 18 02:57:48 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



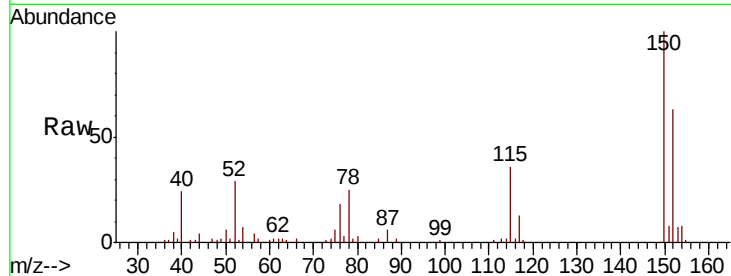


#1

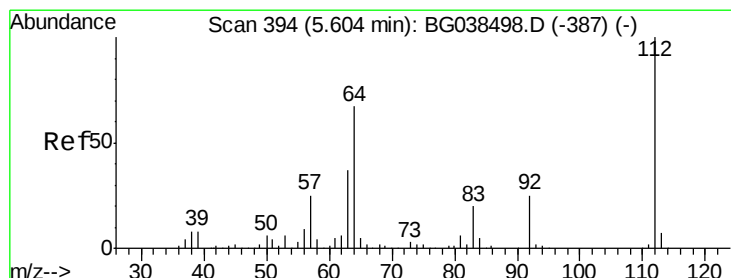
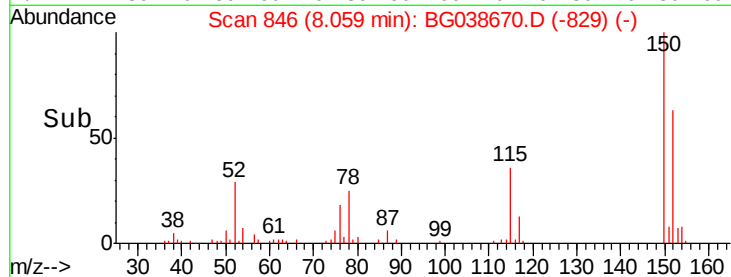
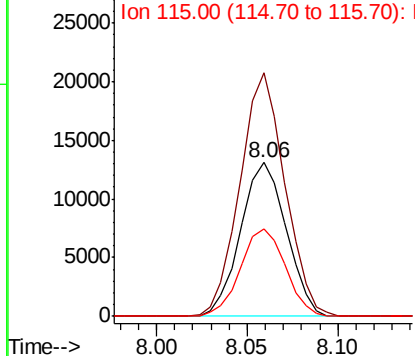
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BG038670.D
 Acq: 17 Dec 2018 19:42

Instrument :
 BNA_G
 ClientSampleId :
 P001-SS015-1218-01

Tgt Ion:152 Resp: 22934
 Ion Ratio Lower Upper
 152 100
 150 158.6 119.5 179.3
 115 56.8 49.6 74.4



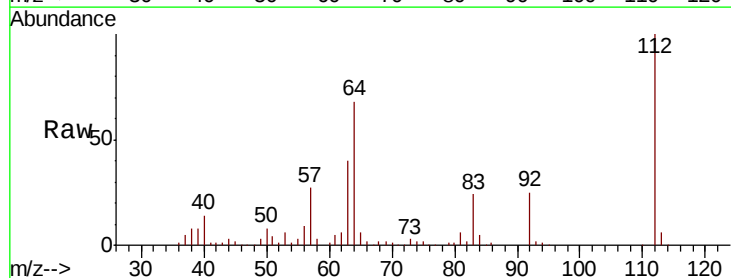
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



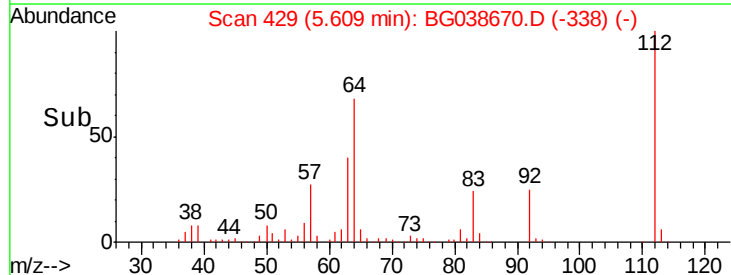
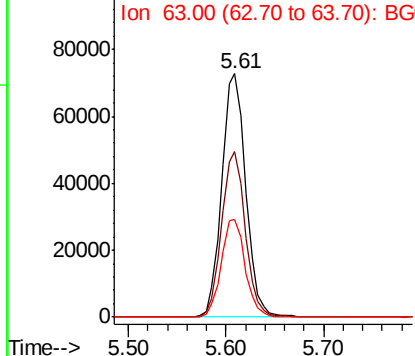
#5

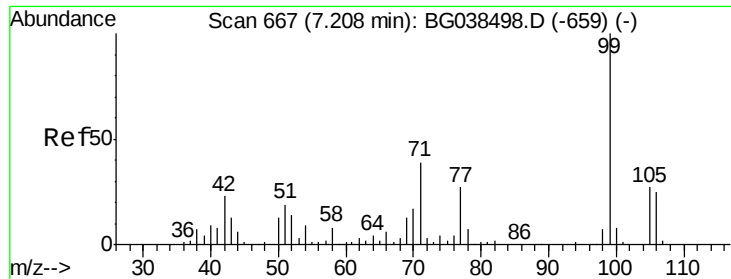
2-Fluorophenol
 Concen: 95.938 ng
 RT: 5.61 min Scan# 429
 Delta R.T. 0.01 min
 Lab File: BG038670.D
 Acq: 17 Dec 2018 19:42

Tgt Ion:112 Resp: 124052
 Ion Ratio Lower Upper
 112 100
 64 67.8 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): BG
 Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 95.285 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038670.D

Acq: 17 Dec 2018 19:42

Instrument :

BNA_G

ClientSampleId :

P001-SS015-1218-01

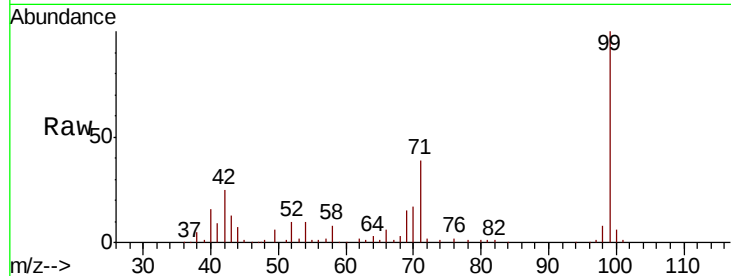
Tgt Ion: 99 Resp: 169140

Ion Ratio Lower Upper

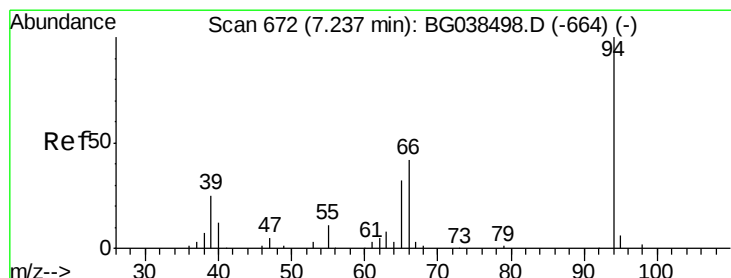
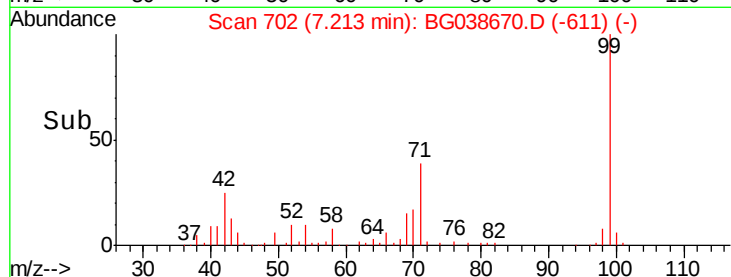
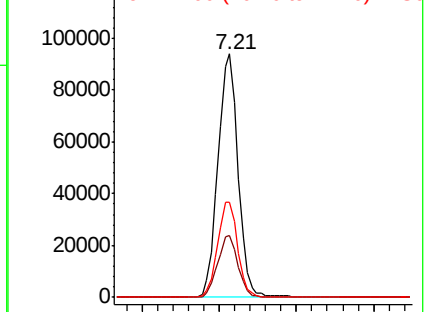
99 100

42 25.3 18.5 27.7

71 39.3 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: 5.106 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG038670.D

Acq: 17 Dec 2018 19:42

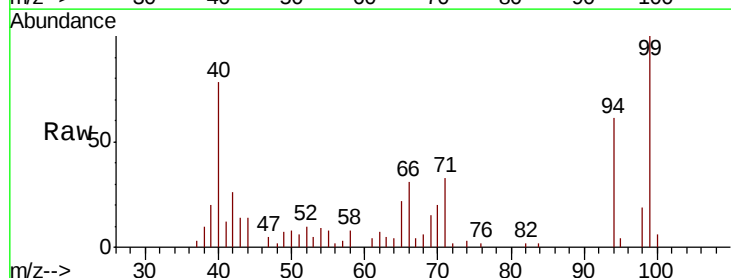
Tgt Ion: 94 Resp: 9630

Ion Ratio Lower Upper

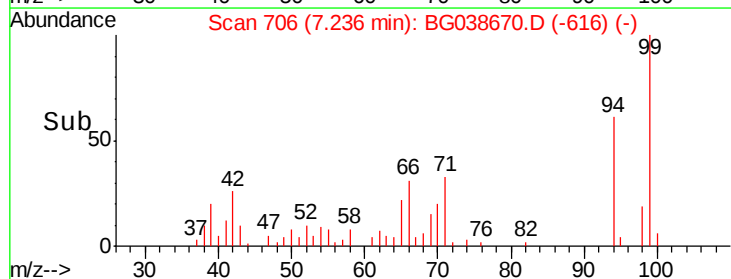
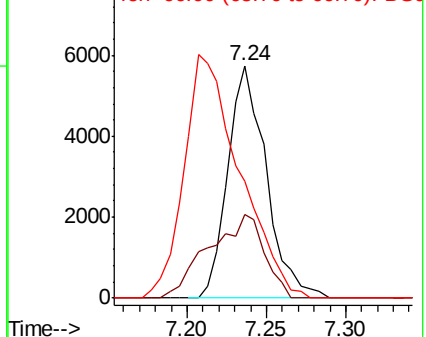
94 100

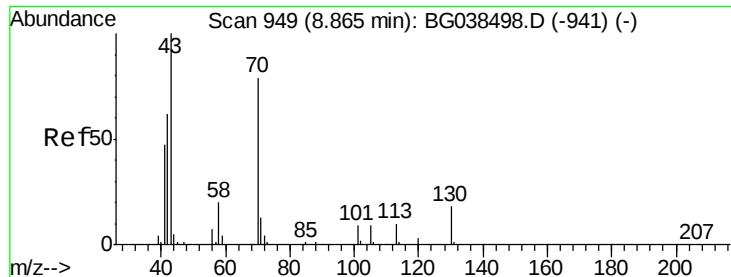
65 35.9 12.6 52.6

66 50.1 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

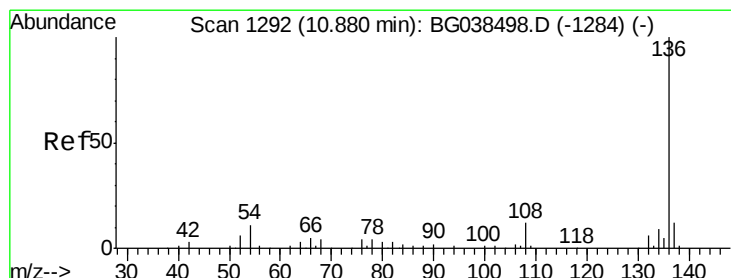
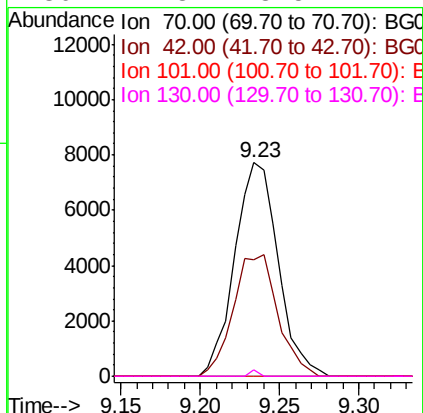
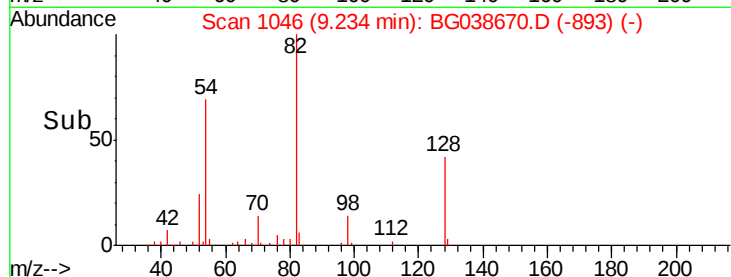
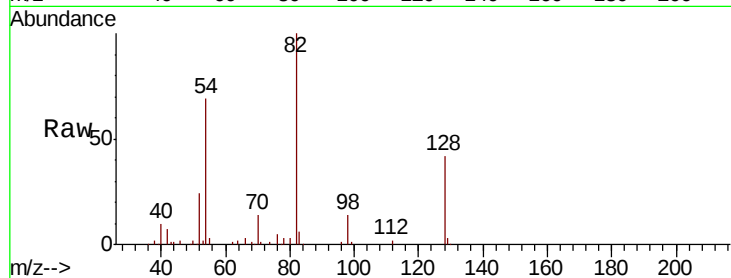




#19
n-Nitroso-di-n-propylamine
Concen: 11.765 ng
RT: 9.23 min Scan# 1046
Delta R.T. 0.37 min
Lab File: BG038670.D
Acq: 17 Dec 2018 19:42

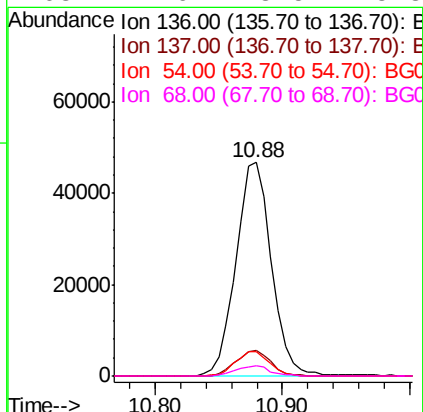
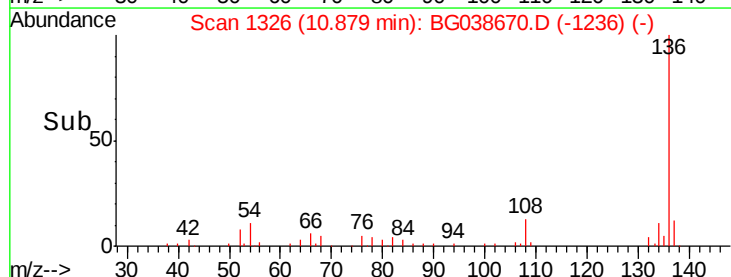
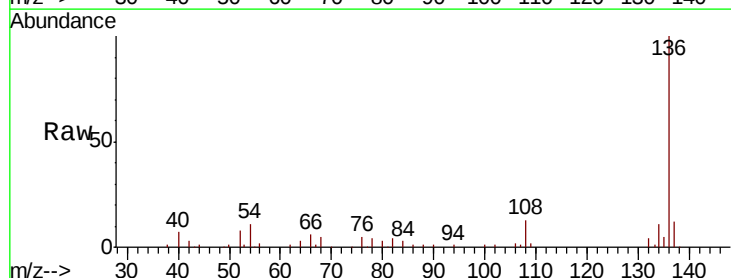
Instrument :
BNA_G
ClientSampleId :
P001-SS015-1218-01

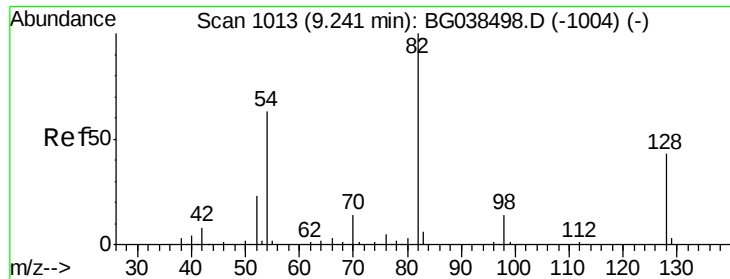
Tgt Ion: 70 Resp: 14668
Ion Ratio Lower Upper
70 100
42 54.5 63.6 95.4#
101 0.0 9.2 13.8#
130 2.8 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038670.D
Acq: 17 Dec 2018 19:42

Tgt Ion: 136 Resp: 90727
Ion Ratio Lower Upper
136 100
137 12.3 9.3 13.9
54 11.4 8.5 12.7
68 4.6 3.5 5.3

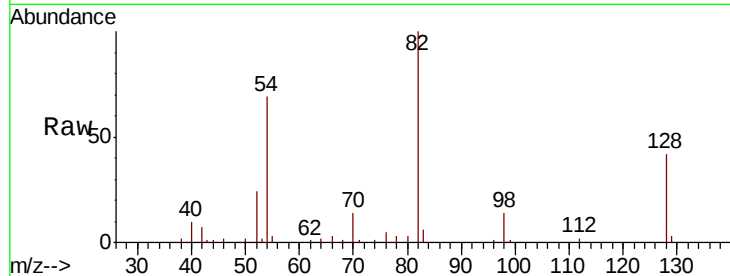




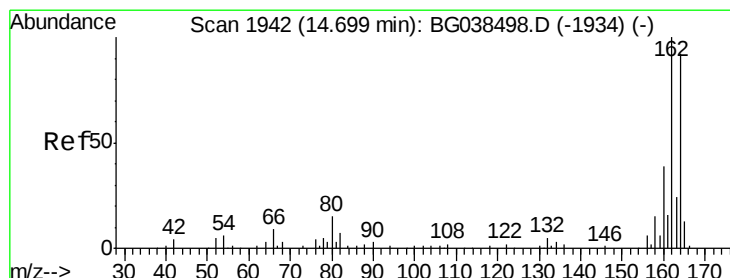
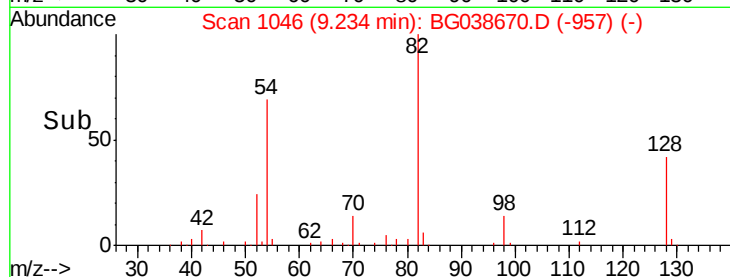
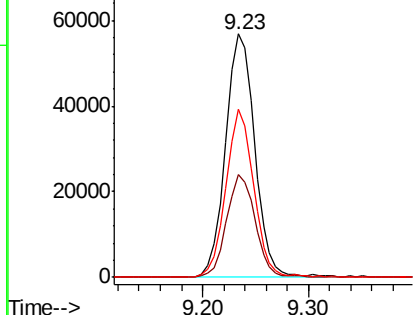
#23
Nitrobenzene-d5
Concen: 61.134 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038670.D
Acq: 17 Dec 2018 19:42

Instrument :
BNA_G
ClientSampleId :
P001-SS015-1218-01

Tgt Ion: 82 Resp: 108569
Ion Ratio Lower Upper
82 100
128 42.0 34.6 52.0
54 68.9 50.6 76.0

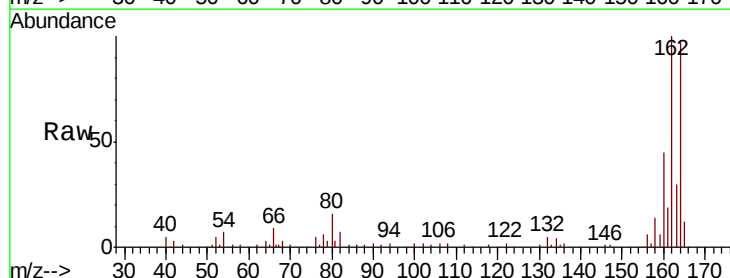


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

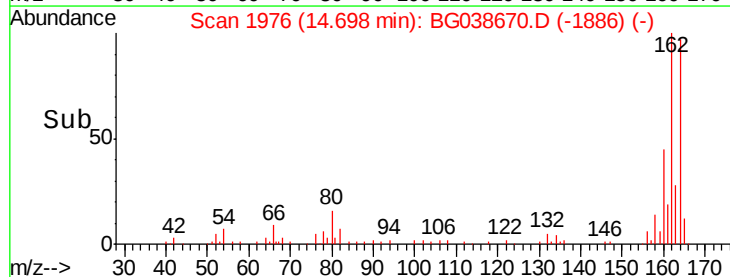
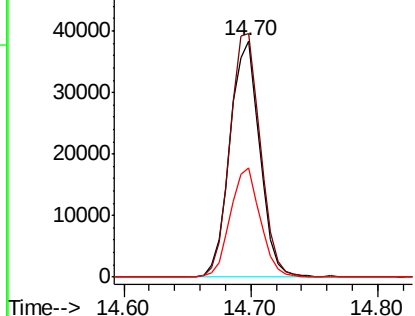


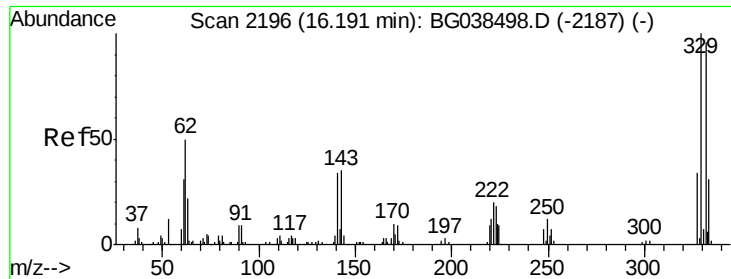
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG038670.D
Acq: 17 Dec 2018 19:42

Tgt Ion: 164 Resp: 62064
Ion Ratio Lower Upper
164 100
162 103.1 86.6 130.0
160 46.4 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

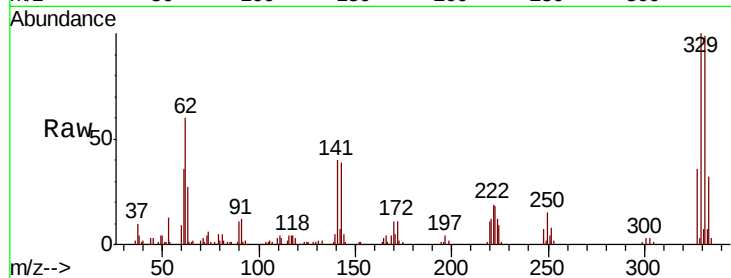




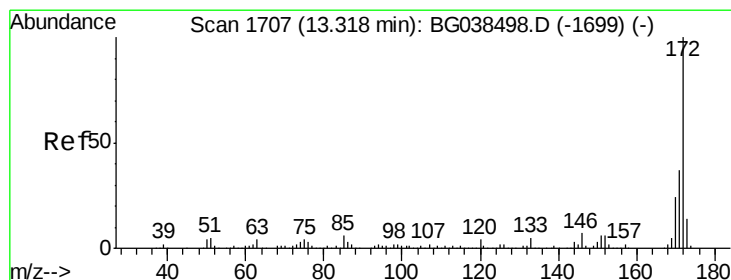
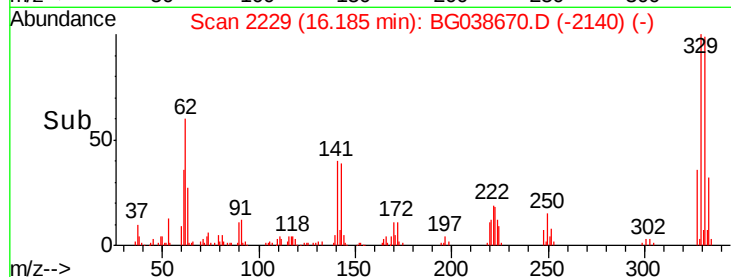
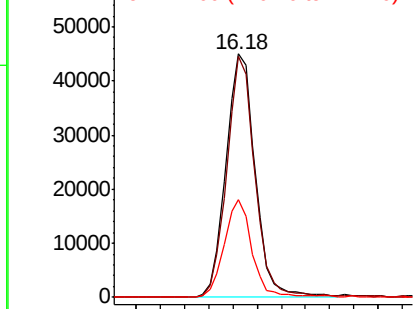
#42
 2,4,6-Tribromophenol
 Concen: 88.717 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BG038670.D
 Acq: 17 Dec 2018 19:42

Instrument :
 BNA_G
 ClientSampleId :
 P001-SS015-1218-01

Tgt Ion:330 Resp: 75884
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.9 115.3
 141 38.1 28.8 43.2

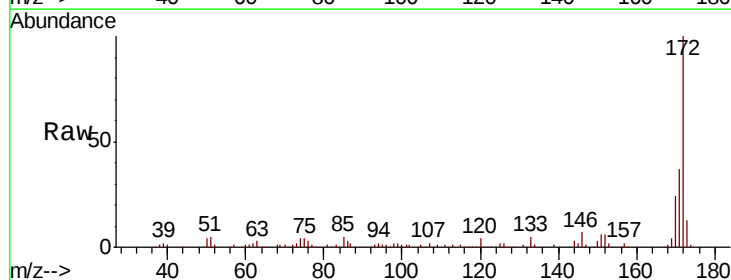


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

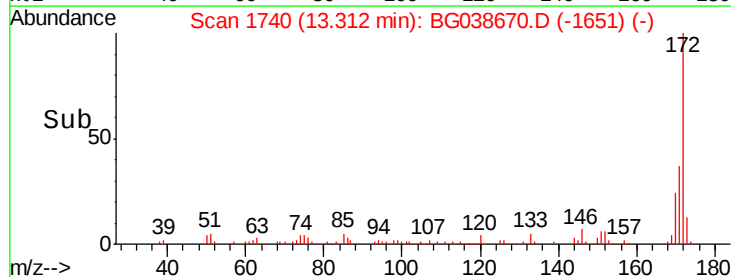
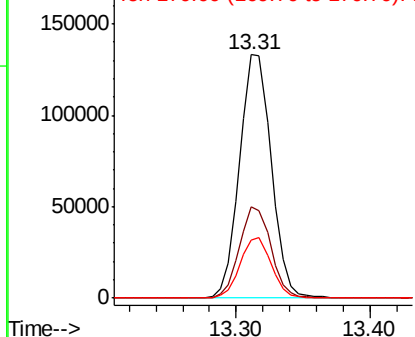


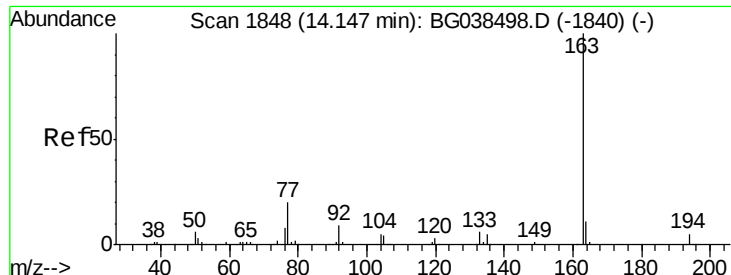
#45
 2-Fluorobiphenyl
 Concen: 48.448 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG038670.D
 Acq: 17 Dec 2018 19:42

Tgt Ion:172 Resp: 219185
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.8 44.6
 170 23.9 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: 2.208 ng

RT: 14.15 min Scan# 1882

Delta R.T. -0.00 min

Lab File: BG038670.D

Acq: 17 Dec 2018 19:42

Instrument :

BNA_G

ClientSampleId :

P001-SS015-1218-01

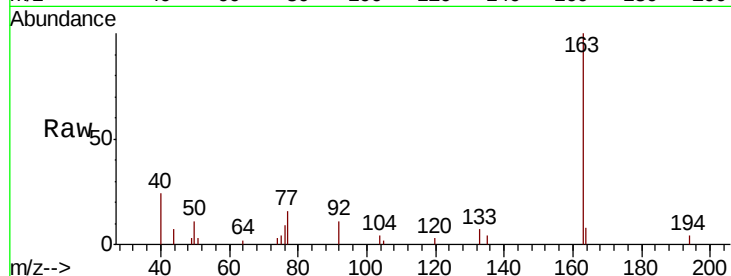
Tgt Ion:163 Resp: 11193

Ion Ratio Lower Upper

163 100

194 4.1 3.7 5.5

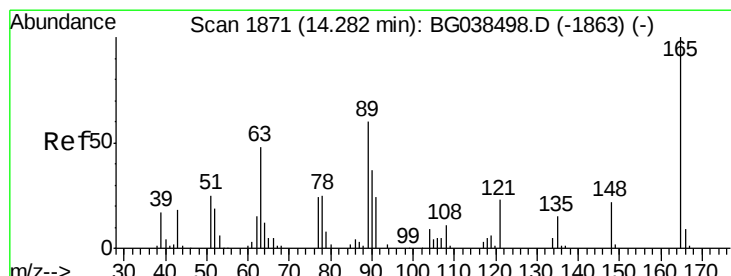
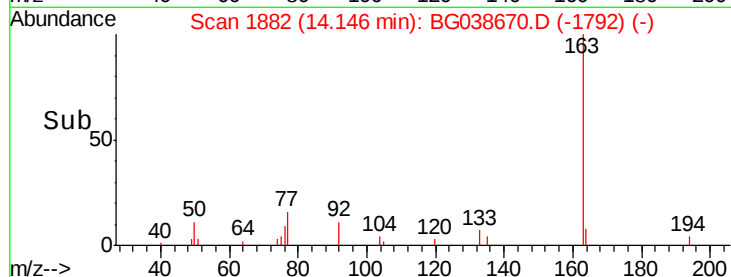
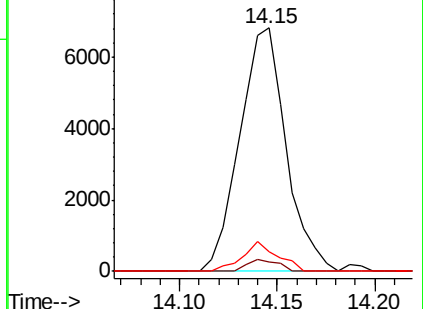
164 8.2 8.6 12.8#



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: 6.918 ng

RT: 14.69 min Scan# 1975

Delta R.T. 0.41 min

Lab File: BG038670.D

Acq: 17 Dec 2018 19:42

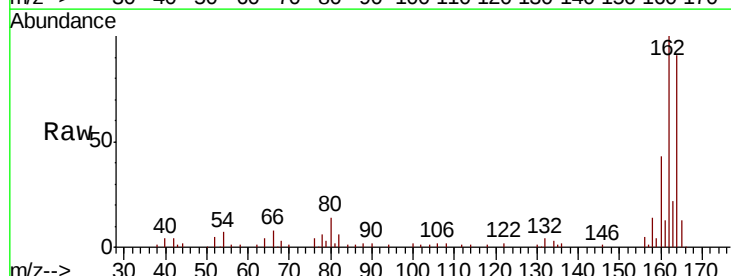
Tgt Ion:165 Resp: 7946

Ion Ratio Lower Upper

165 100

63 0.0 51.8 77.6#

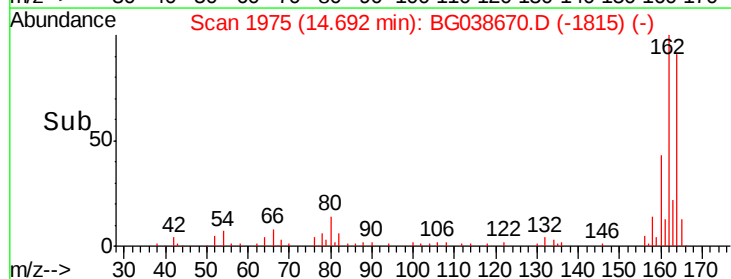
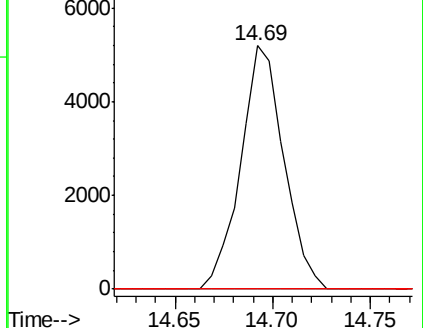
89 0.0 47.9 71.9#

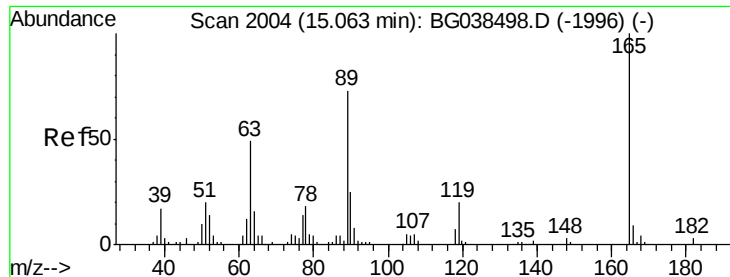


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

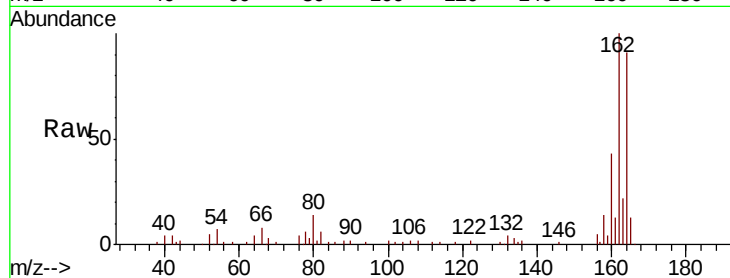




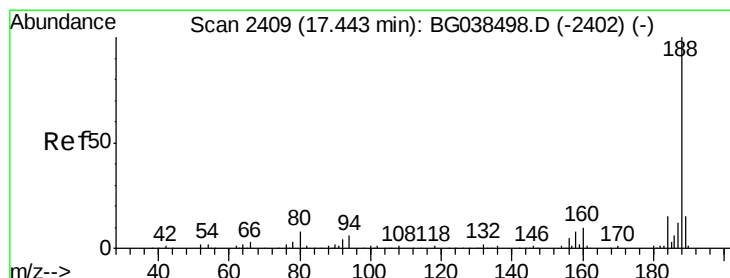
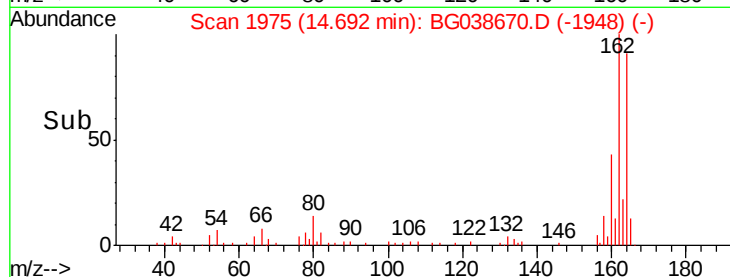
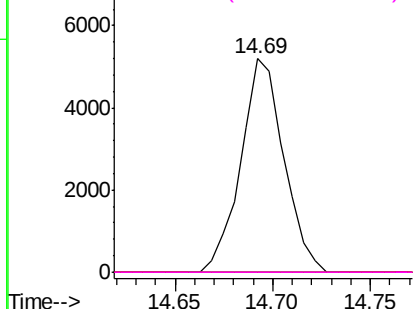
#57
 2,4-Dinitrotoluene
 Concen: 4.912 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.37 min
 Lab File: BG038670.D
 Acq: 17 Dec 2018 19:42

Instrument :
 BNA_G
 ClientSampleId :
 P001-SS015-1218-01

Tgt Ion:	165	Resp:	7946
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#

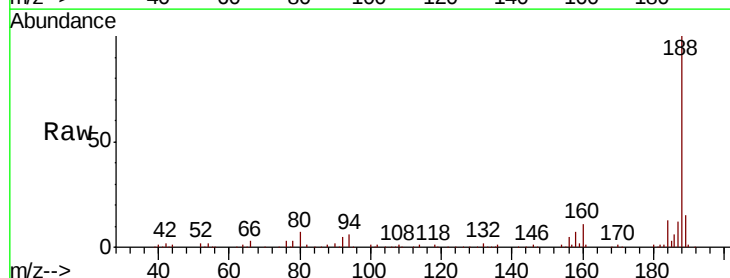


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

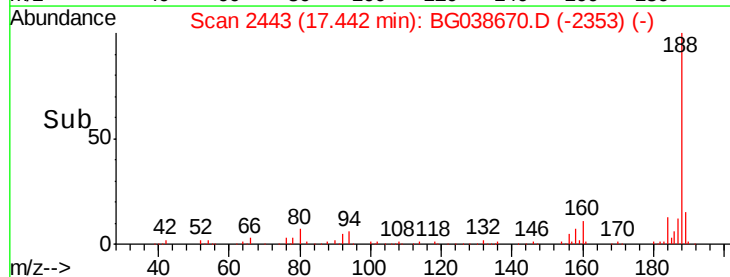
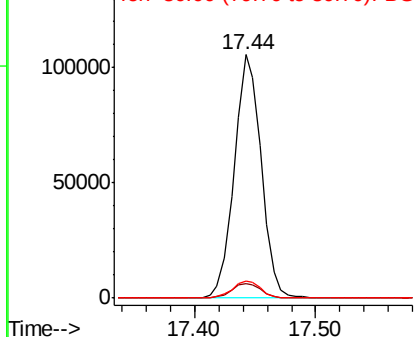


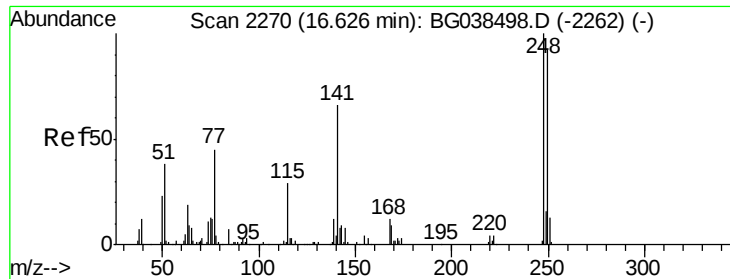
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2443
 Delta R.T. -0.00 min
 Lab File: BG038670.D
 Acq: 17 Dec 2018 19:42

Tgt Ion:	188	Resp:	163852
Ion	Ratio	Lower	Upper
188	100		
94	5.9	5.1	7.7
80	7.1	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

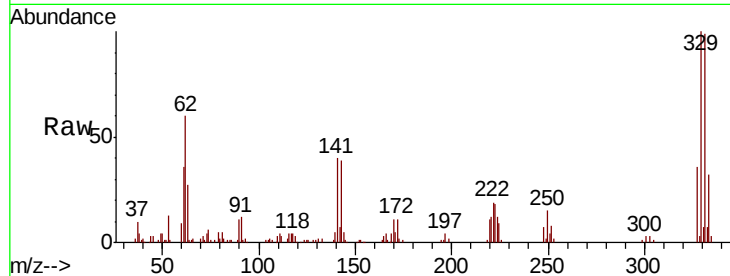




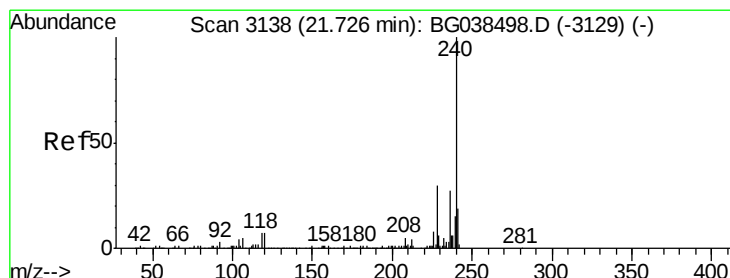
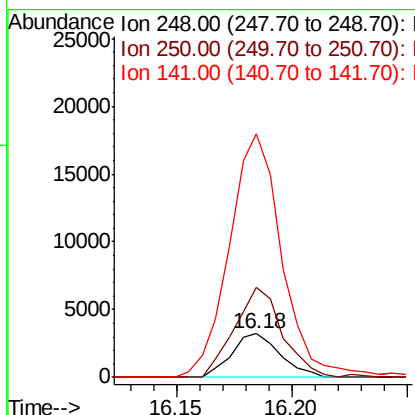
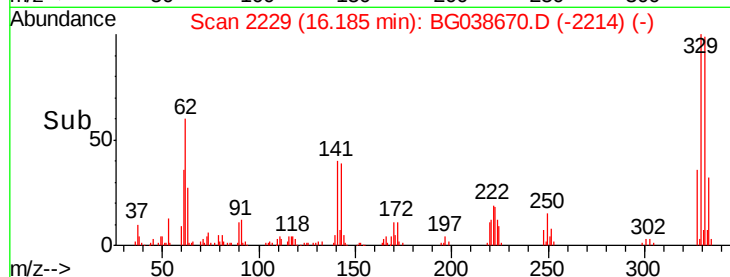
#67
 4-Bromophenyl-phenylether
 Concen: 2.345 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. -0.44 min
 Lab File: BG038670.D
 Acq: 17 Dec 2018 19:42

Instrument :
 BNA_G
 ClientSampleId :
 P001-SS015-1218-01

Tgt Ion:248 Resp: 4693
 Ion Ratio Lower Upper
 248 100
 250 206.3 73.4 110.2#
 141 429.7 52.9 79.3#

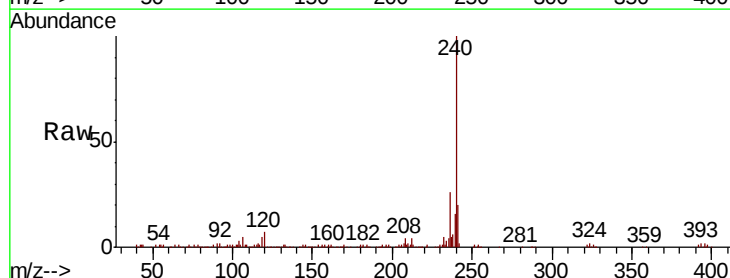


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

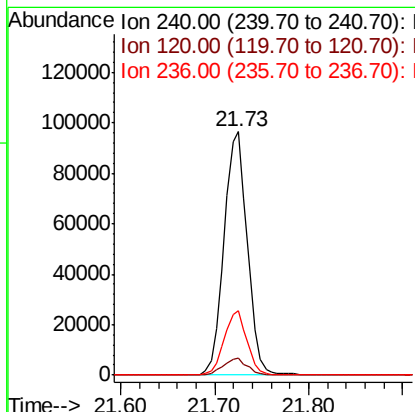
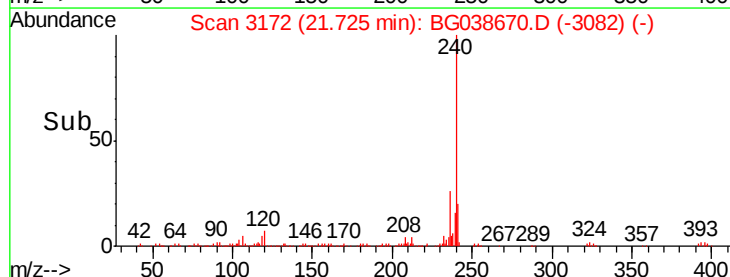


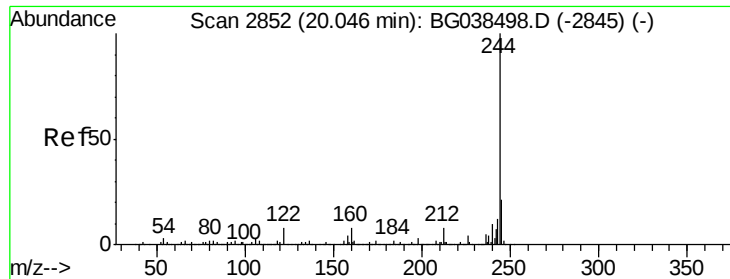
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.73 min Scan# 3172
 Delta R.T. -0.00 min
 Lab File: BG038670.D
 Acq: 17 Dec 2018 19:42

Tgt Ion:240 Resp: 166121
 Ion Ratio Lower Upper
 240 100
 120 6.8 5.3 7.9
 236 26.4 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





#79

Terphenyl-d14

Concen: 50.312 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038670.D

Acq: 17 Dec 2018 19:42

Instrument :

BNA_G

ClientSampleId :

P001-SS015-1218-01

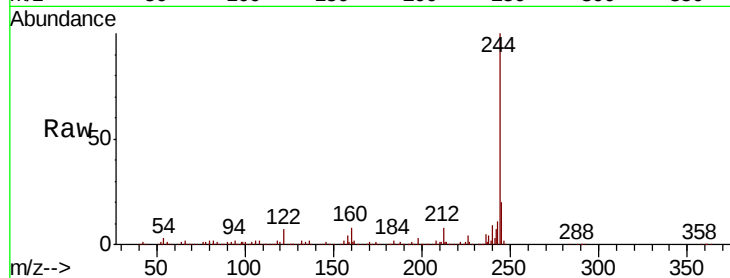
Tgt Ion:244 Resp: 384036

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

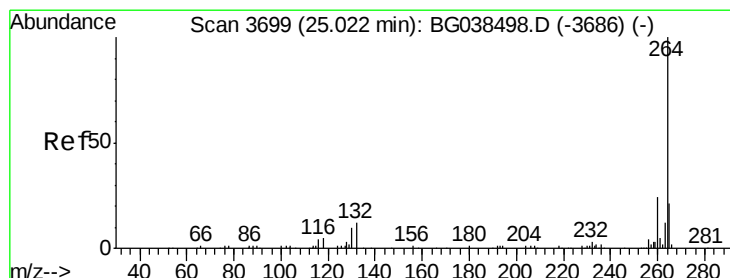
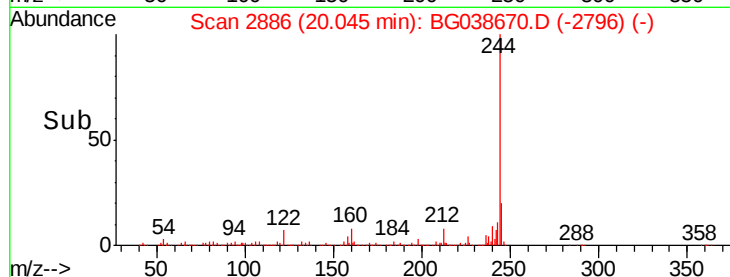
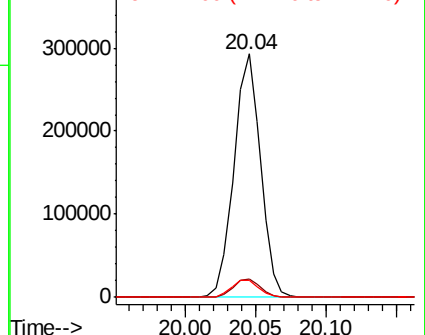
122 7.0 6.3 9.5



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: BG038670.D

Acq: 17 Dec 2018 19:42

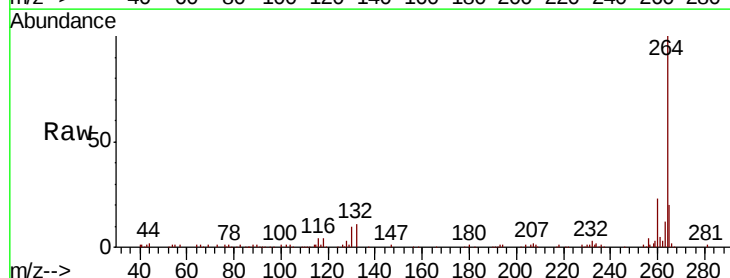
Tgt Ion:264 Resp: 179271

Ion Ratio Lower Upper

264 100

260 22.9 18.9 28.3

265 20.0 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

