

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG122118\
 Data File : BG038804.D
 Acq On : 22 Dec 2018 2:40
 Operator : JU/SJ
 Sample : J6505-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-60(0-23)-COMP

Quant Time: Dec 22 03:40:27 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

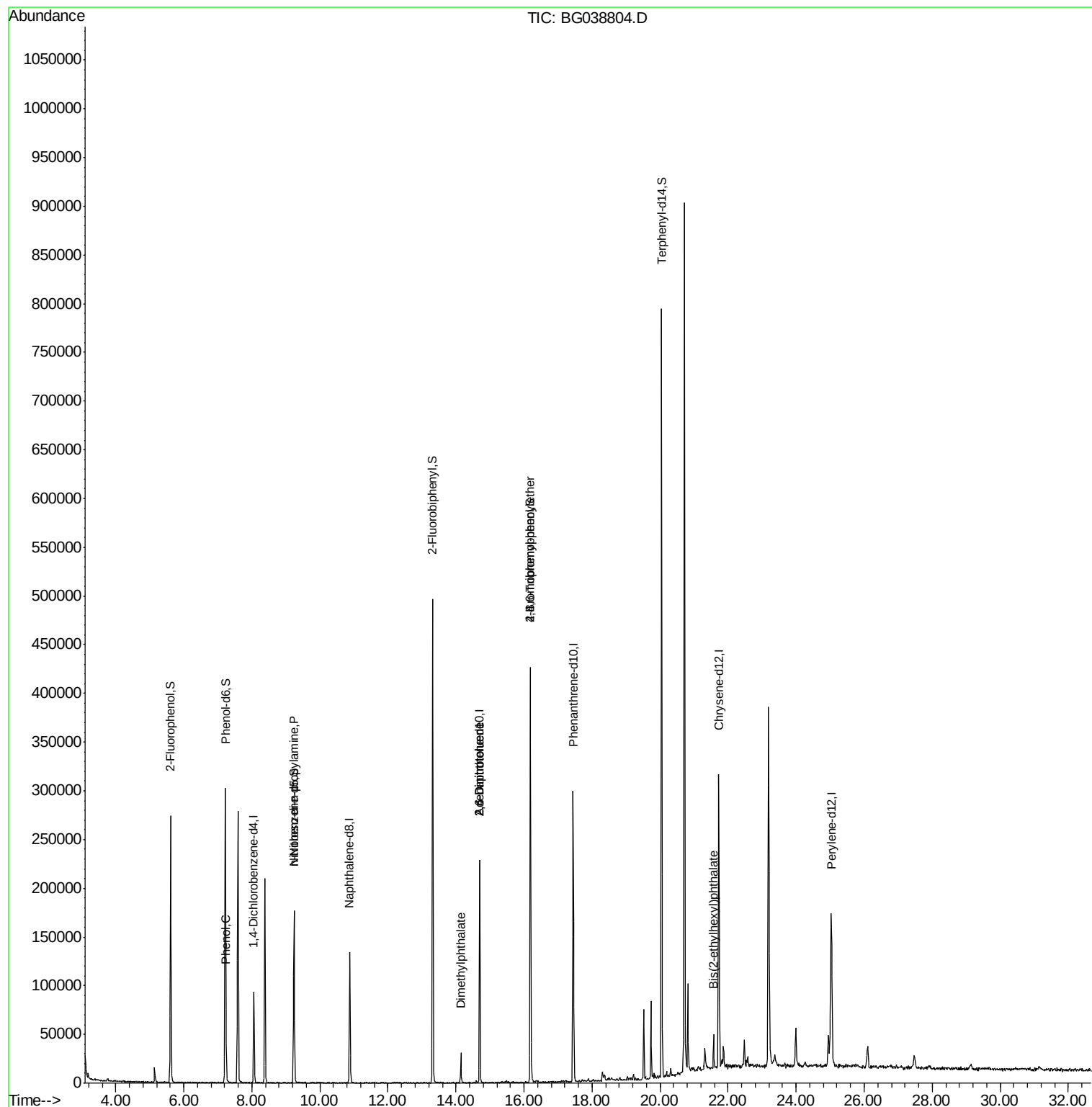
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	27808	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	122361	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	85131	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	197232	20.00	ng	0.00
76) Chrysene-d12	21.73	240	190108	20.00	ng	0.00
87) Perylene-d12	25.04	264	201828	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	121106	77.24	ng	0.00
7) Phenol-d6	7.22	99	179066	83.20	ng	0.01
23) Nitrobenzene-d5	9.24	82	107288	44.79	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	90287	76.95	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	273030	44.00	ng	0.00
79) Terphenyl-d14	20.05	244	406960	46.59	ng	0.00
Target Compounds						
10) Phenol	7.25	94	8218	3.594	ng	94
19) n-Nitroso-di-n-propylamine	9.24	70	14642	9.686	ng	# 74
50) Dimethylphthalate	14.14	163	23918	3.440	ng	98
51) 2,6-Dinitrotoluene	14.70	165	11111	7.053	ng	# 21
57) 2,4-Dinitrotoluene	14.70	165	11111	5.007	ng	# 23
67) 4-Bromophenyl-phenylether	16.19	248	6049	2.511	ng	# 1
84) Bis(2-ethylhexyl)phthalate	21.58	149	14736	2.118	ng	99

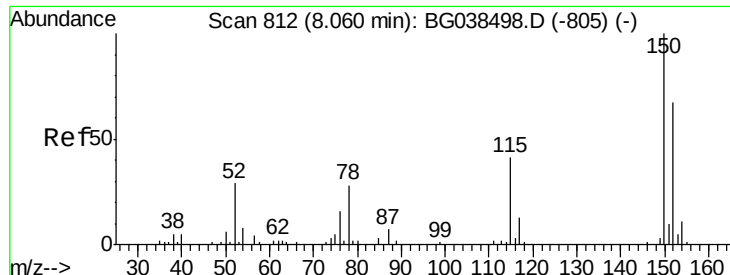
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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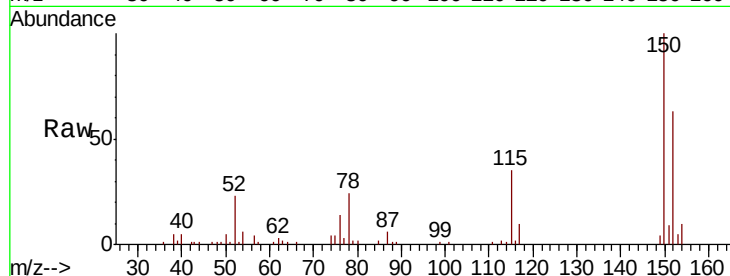


#1

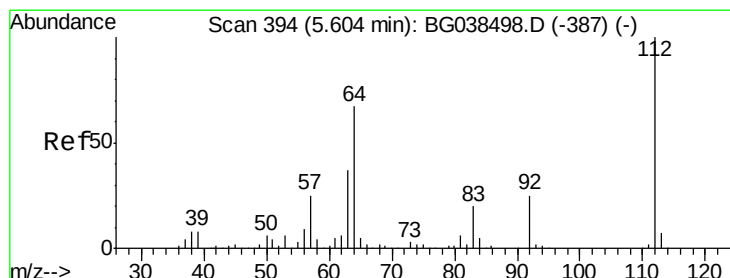
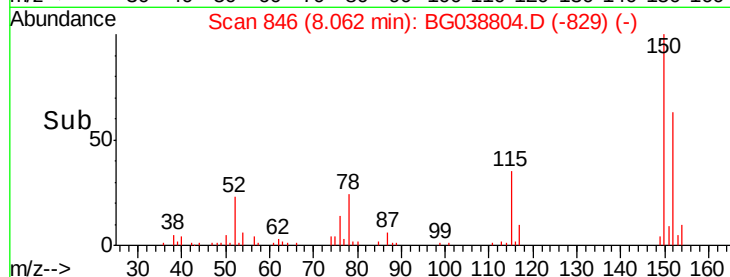
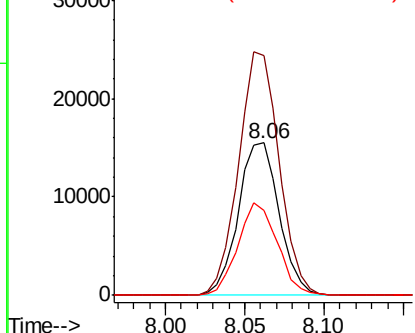
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BG038804.D
Acq: 22 Dec 2018 2:40

Instrument :
BNA_G
ClientSampleId :
SB-60(0-23)-COMP

Tgt Ion:152 Resp: 27808
Ion Ratio Lower Upper
152 100
150 157.6 119.5 179.3
115 55.8 49.6 74.4



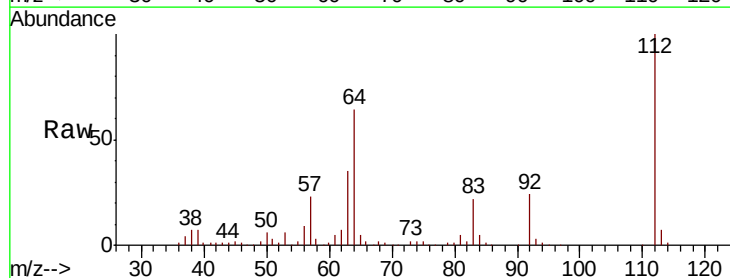
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



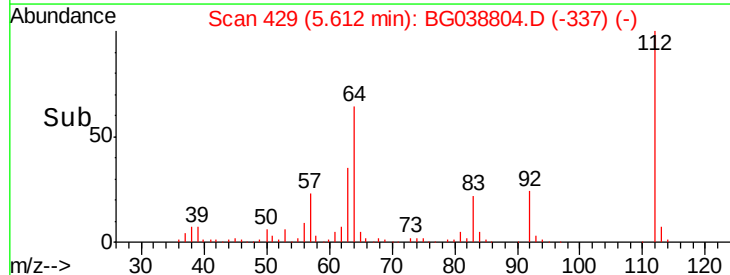
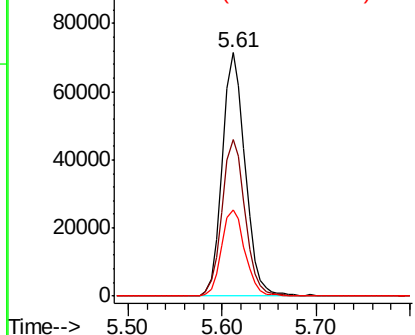
#5

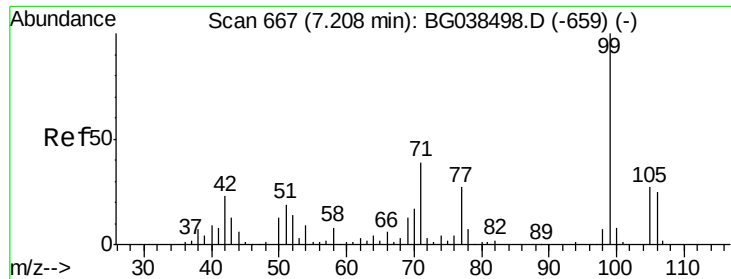
2-Fluorophenol
Concen: 77.244 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038804.D
Acq: 22 Dec 2018 2:40

Tgt Ion:112 Resp: 121106
Ion Ratio Lower Upper
112 100
64 64.2 53.4 80.2
63 35.5 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: 83.196 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG038804.D

Acq: 22 Dec 2018 2:40

Instrument :

BNA_G

ClientSampleId :

SB-60(0-23)-COMP

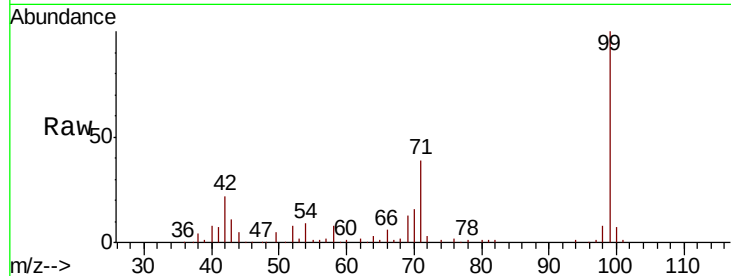
Tgt Ion: 99 Resp: 179066

Ion Ratio Lower Upper

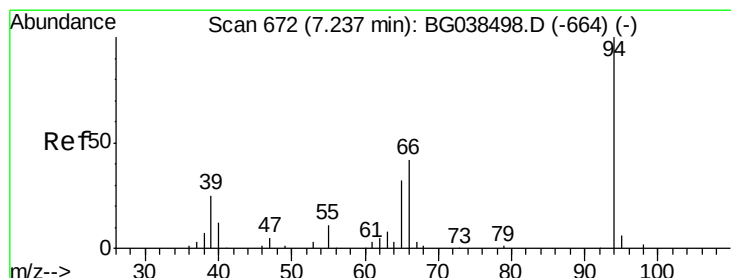
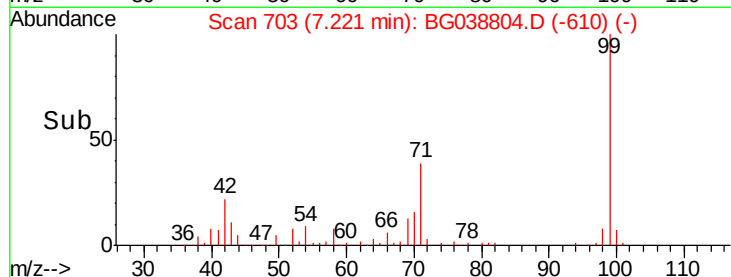
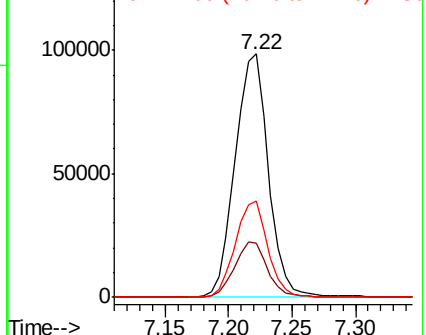
99 100

42 22.0 18.5 27.7

71 39.4 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: 3.594 ng

RT: 7.25 min Scan# 707

Delta R.T. 0.01 min

Lab File: BG038804.D

Acq: 22 Dec 2018 2:40

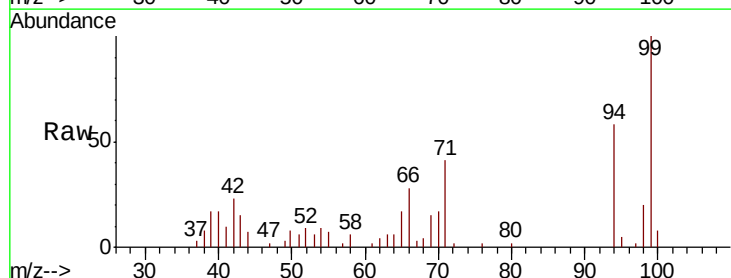
Tgt Ion: 94 Resp: 8218

Ion Ratio Lower Upper

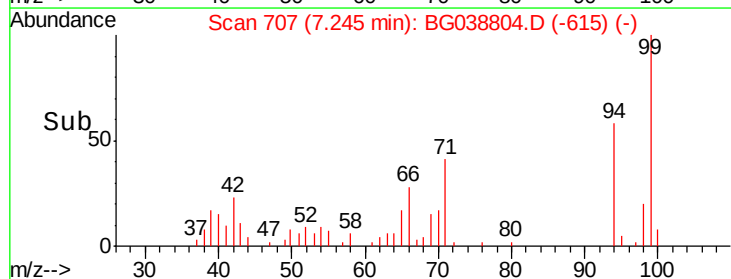
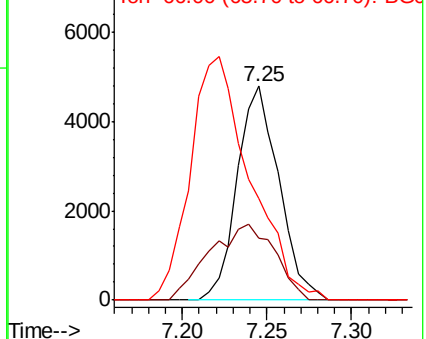
94 100

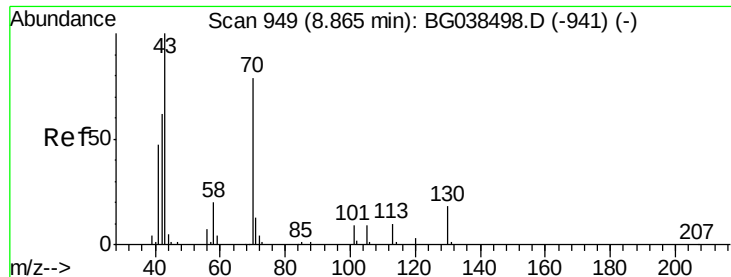
65 29.0 12.6 52.6

66 47.3 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

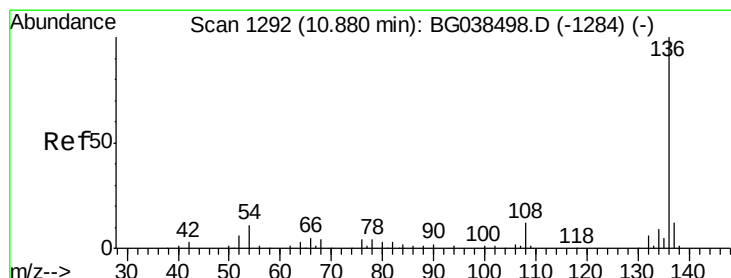
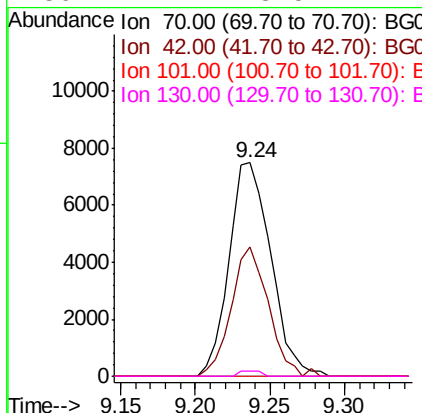
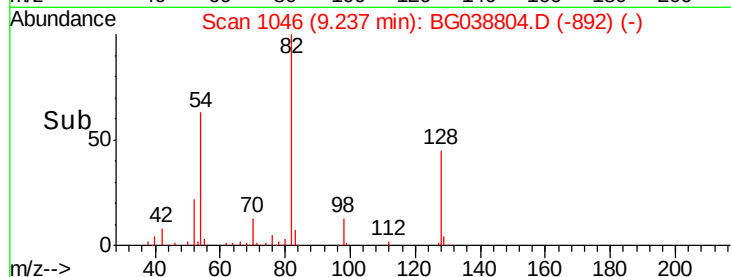
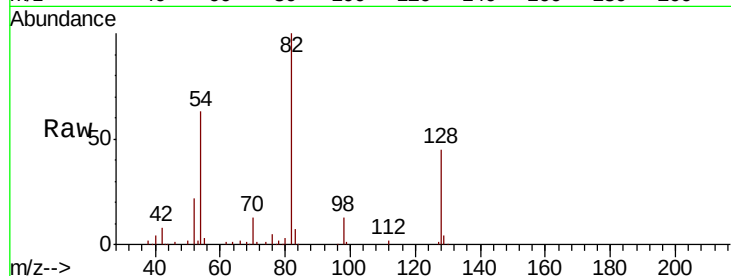




#19
n-Nitroso-di-n-propylamine
Concen: 9.686 ng
RT: 9.24 min Scan# 1046
Delta R.T. 0.37 min
Lab File: BG038804.D
Acq: 22 Dec 2018 2:40

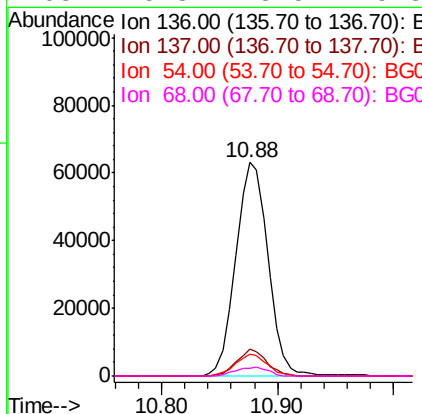
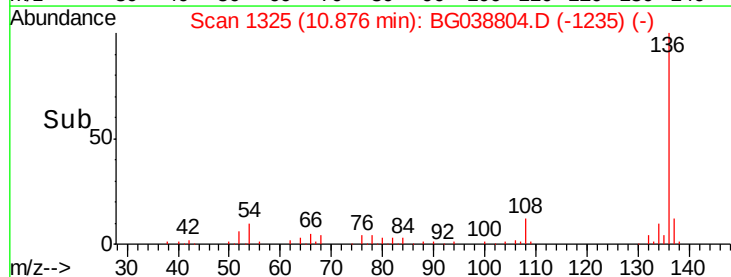
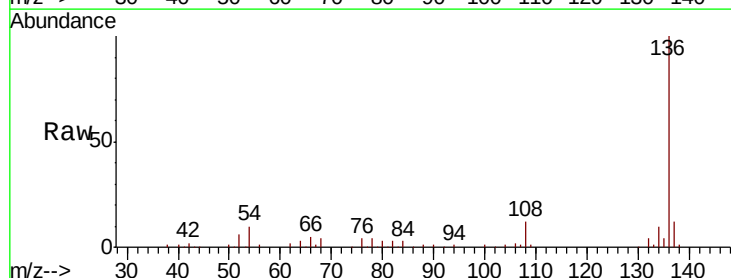
Instrument :
BNA_G
ClientSampleId :
SB-60(0-23)-COMP

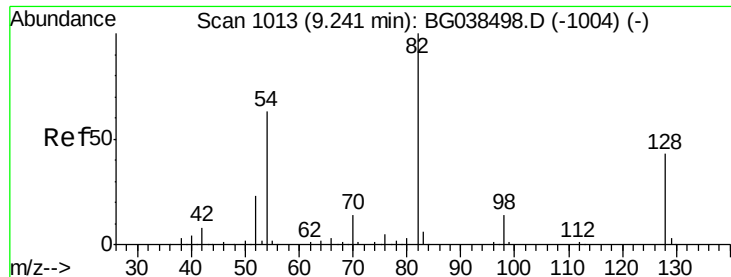
Tgt Ion: 70 Resp: 14642
Ion Ratio Lower Upper
70 100
42 60.8 63.6 95.4#
101 0.0 9.2 13.8#
130 2.4 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BG038804.D
Acq: 22 Dec 2018 2:40

Tgt Ion: 136 Resp: 122361
Ion Ratio Lower Upper
136 100
137 12.5 9.3 13.9
54 10.2 8.5 12.7
68 3.8 3.5 5.3

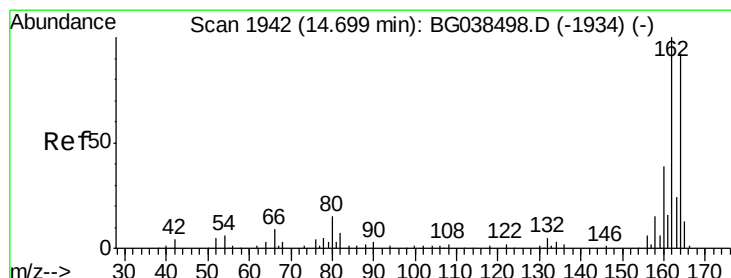
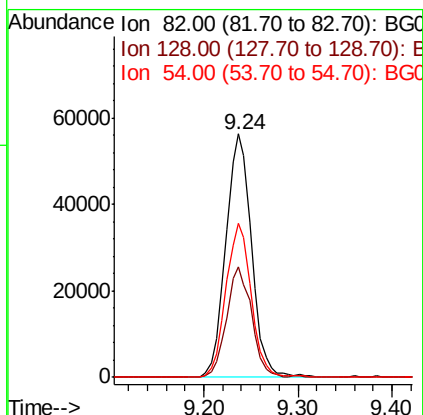
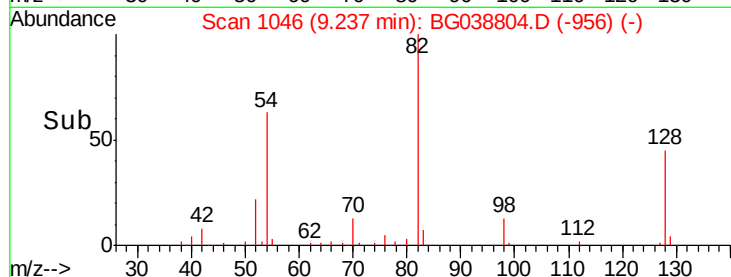
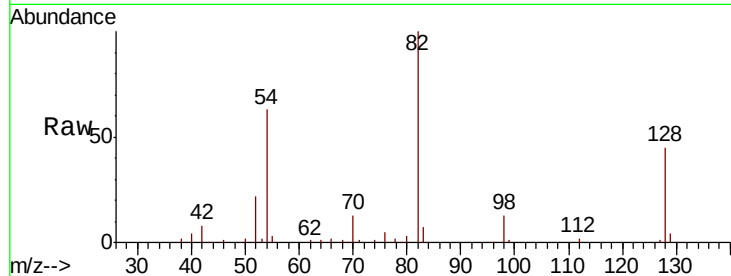




#23
 Nitrobenzene-d5
 Concen: 44.794 ng
 RT: 9.24 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BG038804.D
 Acq: 22 Dec 2018 2:40

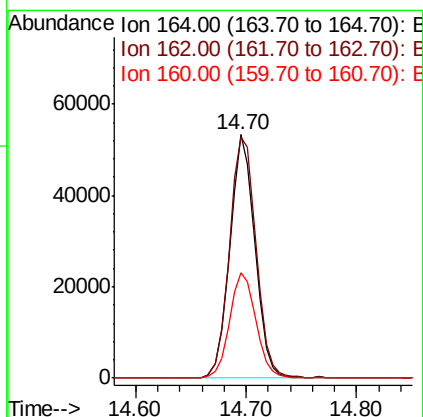
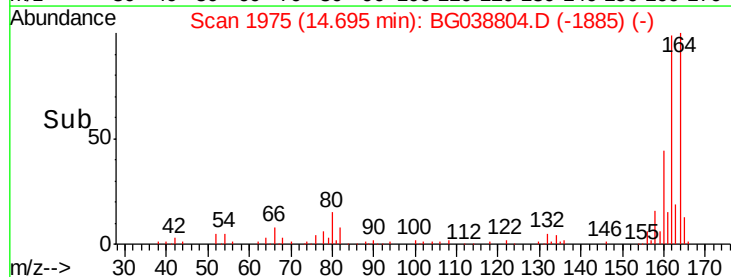
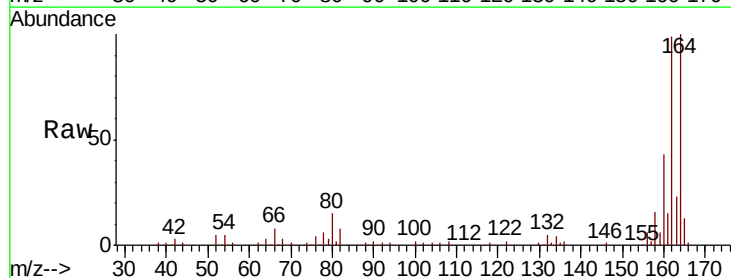
Instrument :
 BNA_G
 ClientSampleId :
 SB-60(0-23)-COMP

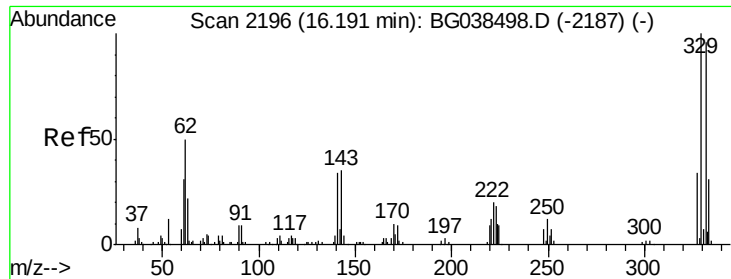
Tgt Ion: 82 Resp: 107288
 Ion Ratio Lower Upper
 82 100
 128 45.2 34.6 52.0
 54 63.5 50.6 76.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.70 min Scan# 1975
 Delta R.T. -0.00 min
 Lab File: BG038804.D
 Acq: 22 Dec 2018 2:40

Tgt Ion: 164 Resp: 85131
 Ion Ratio Lower Upper
 164 100
 162 99.0 86.6 130.0
 160 43.5 34.2 51.2

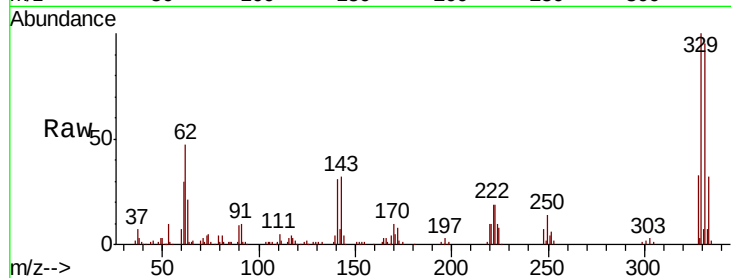




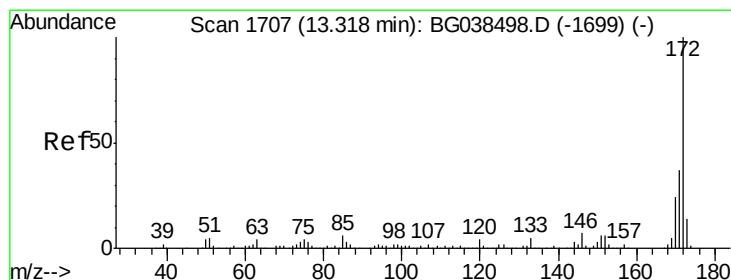
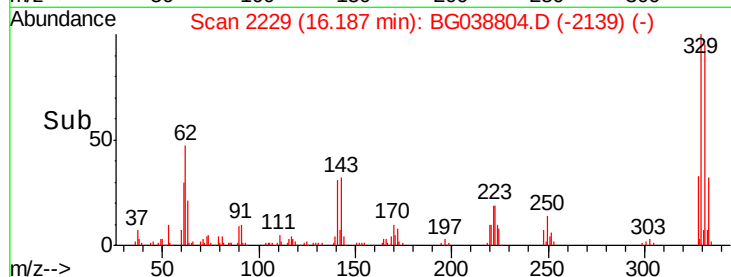
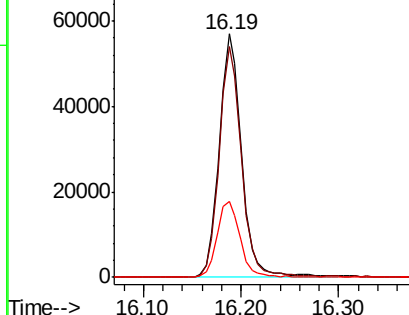
#42
 2,4,6-Tribromophenol
 Concen: 76.954 ng
 RT: 16.19 min Scan# 2229
 Delta R.T. -0.00 min
 Lab File: BG038804.D
 Acq: 22 Dec 2018 2:40

Instrument :
 BNA_G
 ClientSampleId :
 SB-60(0-23)-COMP

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.7	76.9	115.3
141	32.2	28.8	43.2

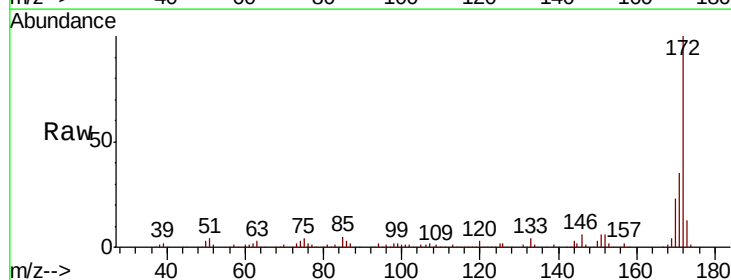


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

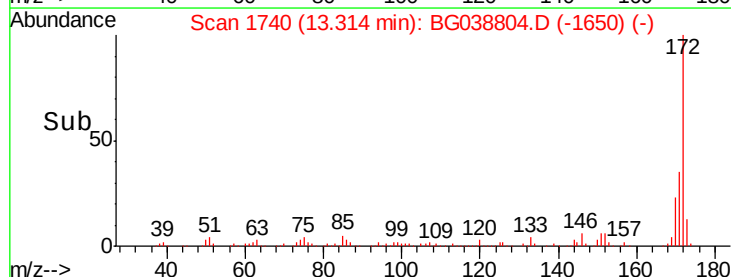
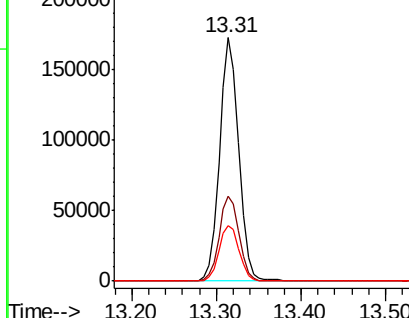


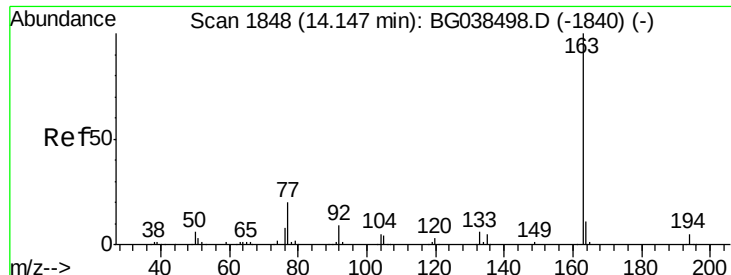
#45
 2-Fluorobiphenyl
 Concen: 43.998 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG038804.D
 Acq: 22 Dec 2018 2:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.8	44.6
170	22.8	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: 3.440 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.00 min

Lab File: BG038804.D

Acq: 22 Dec 2018 2:40

Instrument :

BNA_G

ClientSampleId :

SB-60(0-23)-COMP

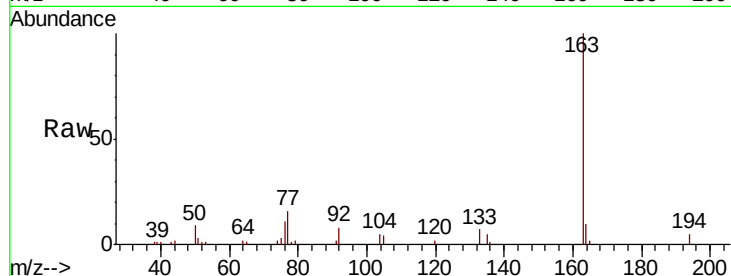
Tgt Ion:163 Resp: 23918

Ion Ratio Lower Upper

163 100

194 4.7 3.7 5.5

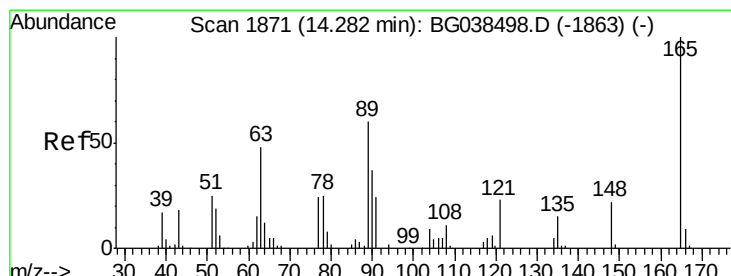
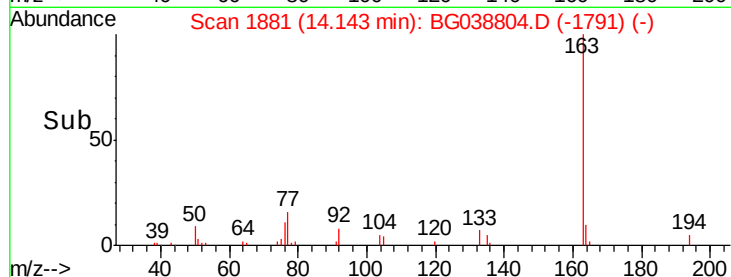
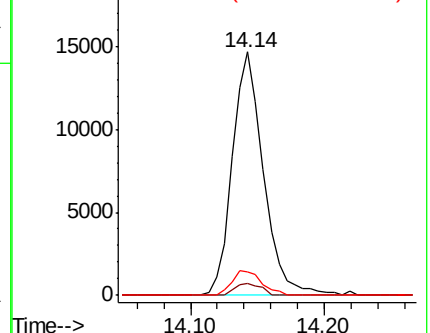
164 9.8 8.6 12.8



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: 7.053 ng

RT: 14.70 min Scan# 1975

Delta R.T. 0.41 min

Lab File: BG038804.D

Acq: 22 Dec 2018 2:40

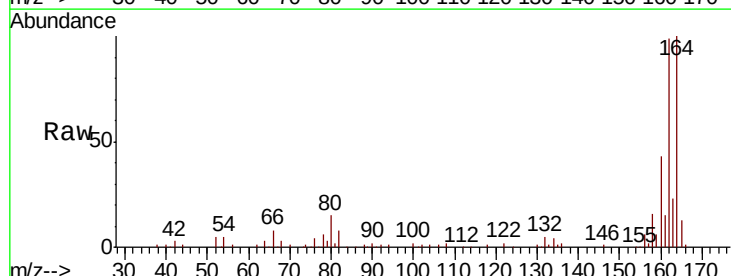
Tgt Ion:165 Resp: 11111

Ion Ratio Lower Upper

165 100

63 0.0 51.8 77.6#

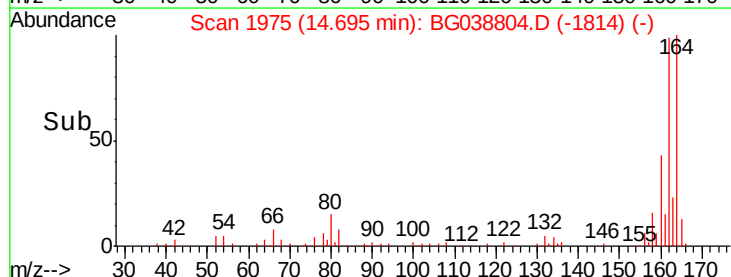
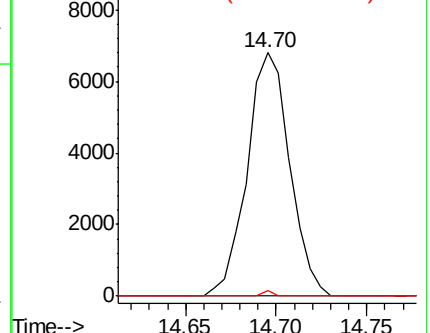
89 2.4 47.9 71.9#

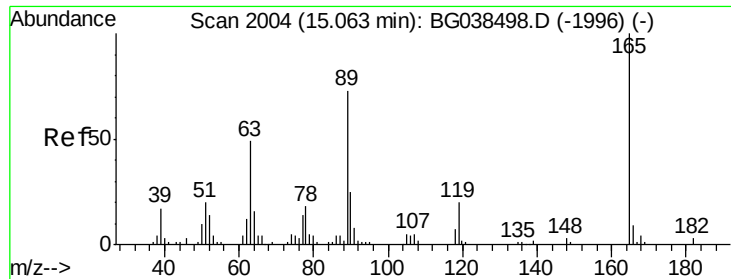


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

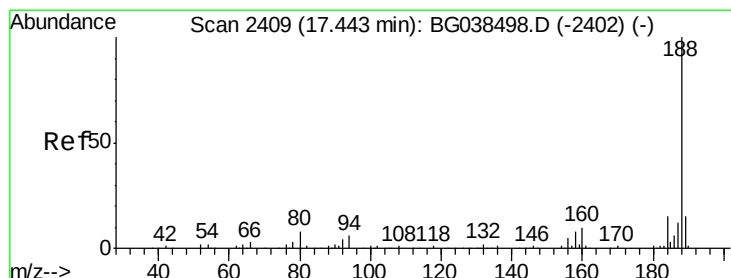
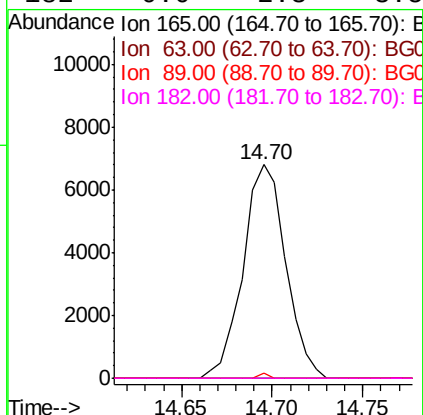
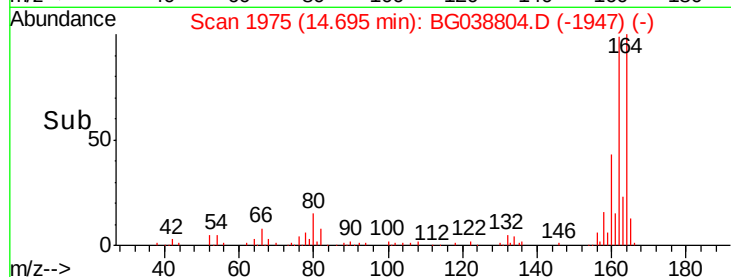
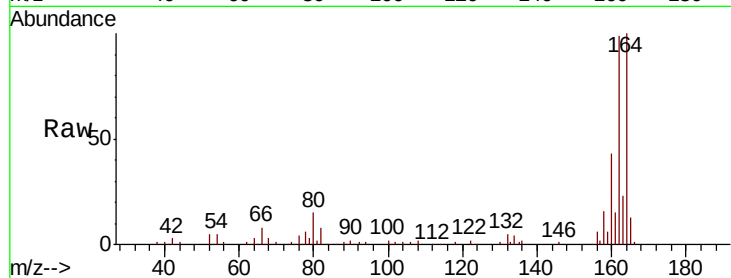




#57
 2,4-Dinitrotoluene
 Concen: 5.007 ng
 RT: 14.70 min Scan# 1975
 Delta R.T. -0.37 min
 Lab File: BG038804.D
 Acq: 22 Dec 2018 2:40

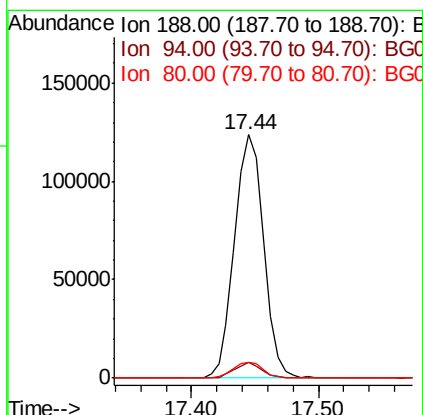
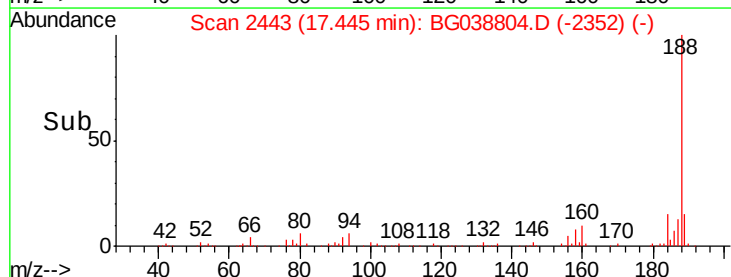
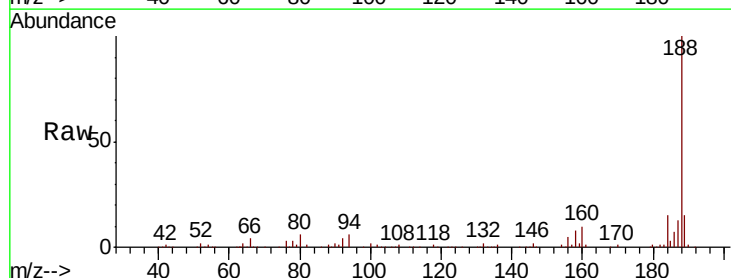
Instrument :
 BNA_G
 ClientSampleId :
 SB-60(0-23)-COMP

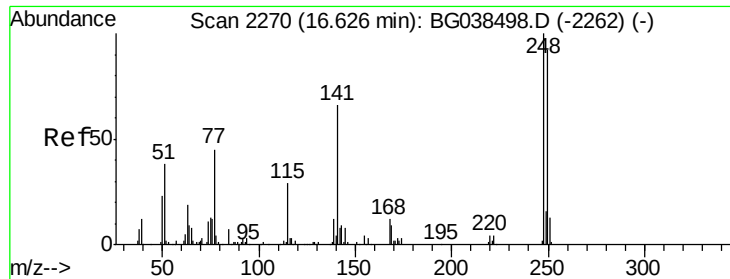
Tgt Ion:	165	Resp:	11111
Ion	Ratio	Lower	Upper
165	100		
63	0.0	39.0	58.4#
89	2.4	58.0	87.0#
182	0.0	2.3	3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2443
 Delta R.T. 0.00 min
 Lab File: BG038804.D
 Acq: 22 Dec 2018 2:40

Tgt Ion:	188	Resp:	197232
Ion	Ratio	Lower	Upper
188	100		
94	6.3	5.1	7.7
80	6.4	6.1	9.1

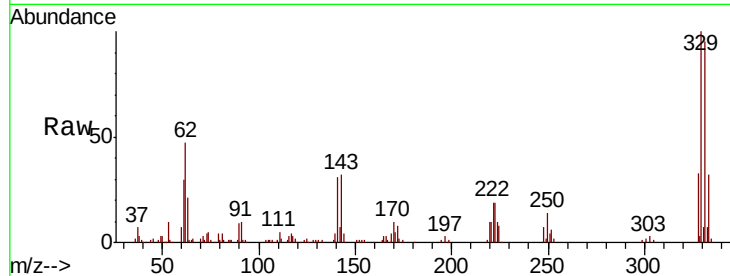




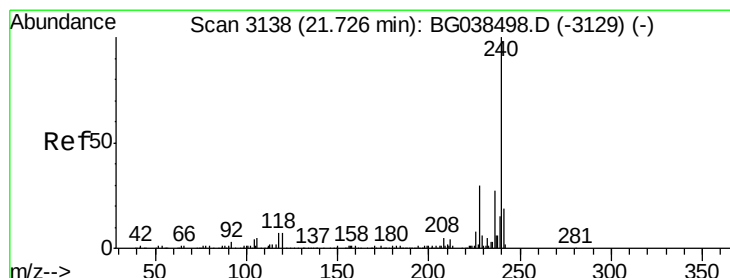
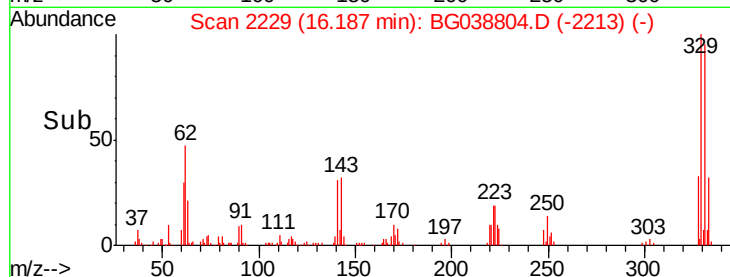
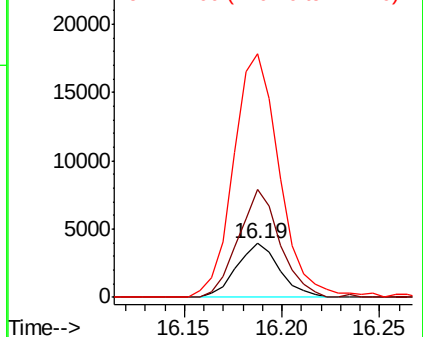
#67
 4-Bromophenyl-phenylether
 Concen: 2.511 ng
 RT: 16.19 min Scan# 2229
 Delta R.T. -0.44 min
 Lab File: BG038804.D
 Acq: 22 Dec 2018 2:40

Instrument :
 BNA_G
 ClientSampleId :
 SB-60(0-23)-COMP

Tgt Ion:248 Resp: 6049
 Ion Ratio Lower Upper
 248 100
 250 192.5 73.4 110.2#
 141 337.1 52.9 79.3#

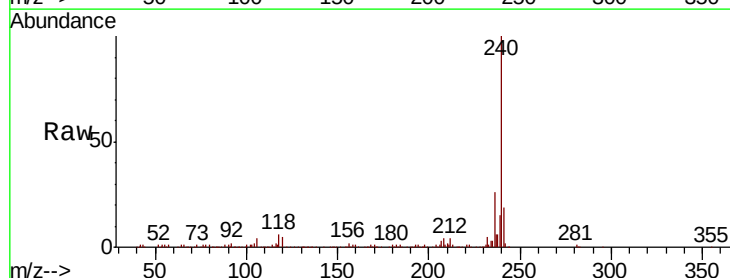


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

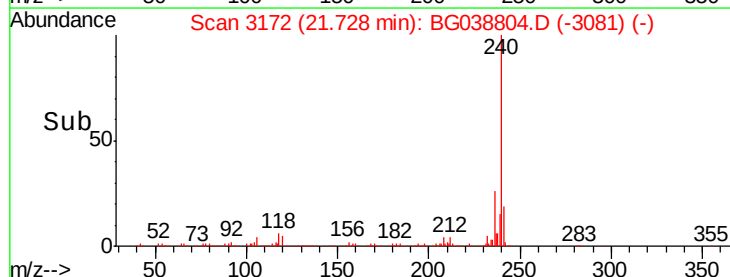
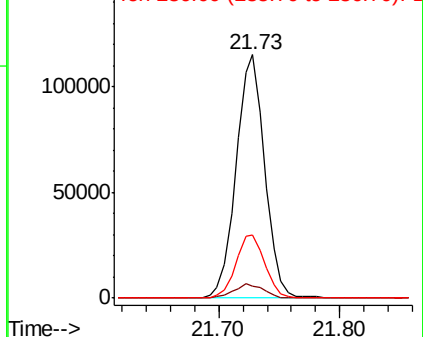


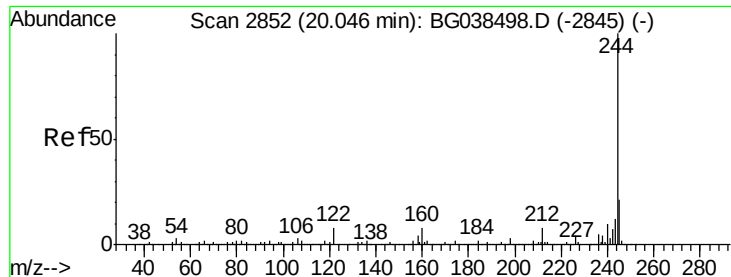
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.73 min Scan# 3172
 Delta R.T. 0.00 min
 Lab File: BG038804.D
 Acq: 22 Dec 2018 2:40

Tgt Ion:240 Resp: 190108
 Ion Ratio Lower Upper
 240 100
 120 5.0 5.3 7.9#
 236 25.7 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: 46.588 ng

RT: 20.05 min Scan# 2886

Delta R.T. 0.00 min

Lab File: BG038804.D

Acq: 22 Dec 2018 2:40

Instrument :

BNA_G

ClientSampleId :

SB-60(0-23)-COMP

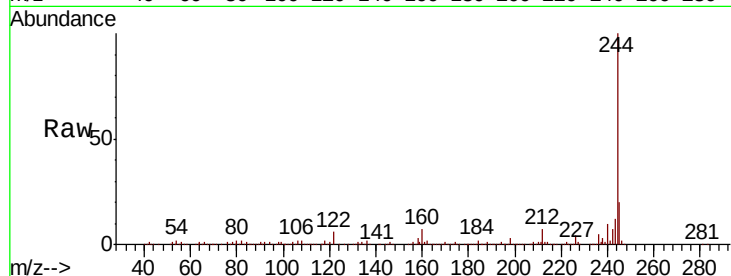
Tgt Ion:244 Resp: 406960

Ion Ratio Lower Upper

244 100

212 7.1 6.2 9.2

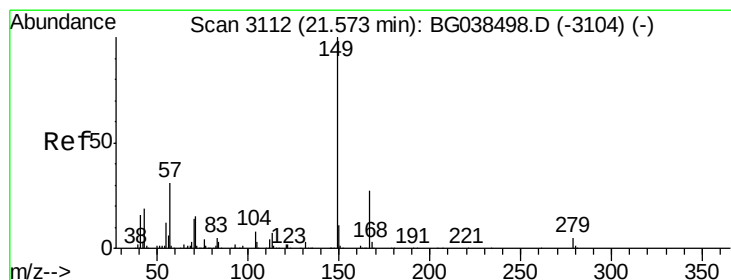
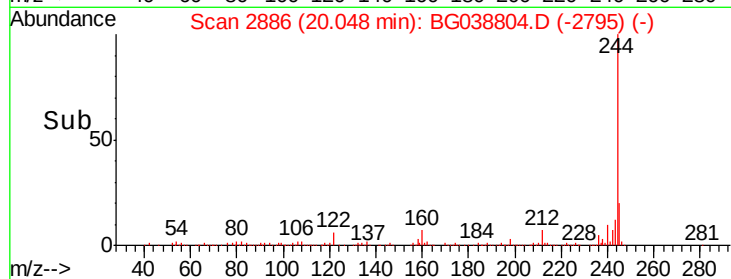
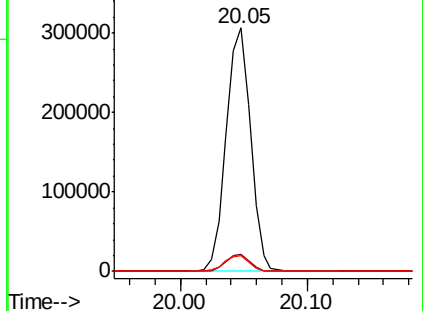
122 6.5 6.3 9.5



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.118 ng

RT: 21.58 min Scan# 3146

Delta R.T. 0.00 min

Lab File: BG038804.D

Acq: 22 Dec 2018 2:40

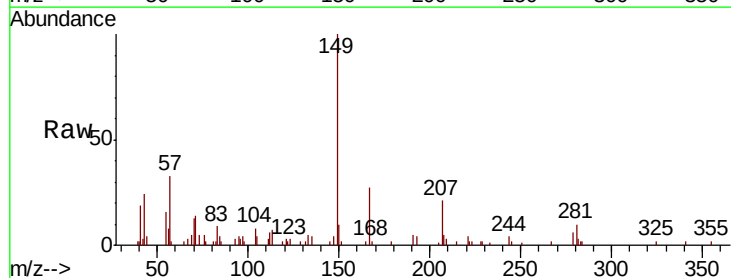
Tgt Ion:149 Resp: 14736

Ion Ratio Lower Upper

149 100

167 26.9 21.9 32.9

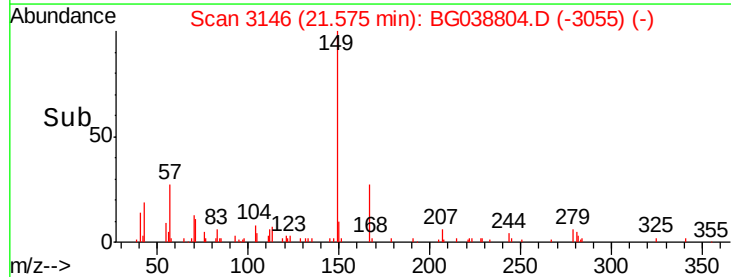
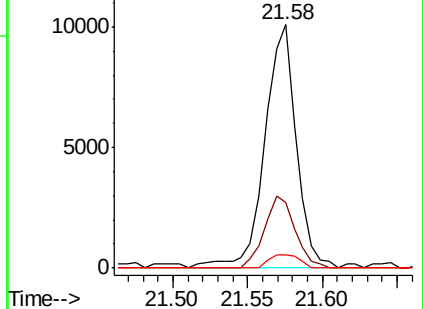
279 5.6 4.2 6.2

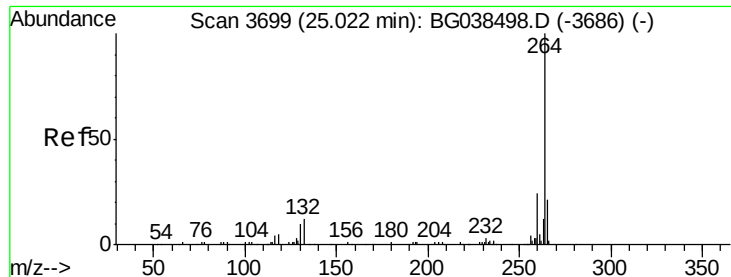


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.04 min Scan# 3735
Delta R.T. 0.01 min
Lab File: BG038804.D
Acq: 22 Dec 2018 2:40

Instrument :
BNA_G
ClientSampleId :
SB-60(0-23)-COMP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.7	18.9	28.3
265	21.8	17.0	25.4

