

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122718\
 Data File : BG038849.D
 Acq On : 27 Dec 2018 18:40
 Operator : JU/SJ
 Sample : J6533-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-3

Quant Time: Dec 28 00:29:17 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	8.05	152	22757	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	95632	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	68396	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	167637	20.00	ng	0.00
76) Chrysene-d12	21.72	240	174308	20.00	ng	0.00
87) Perylene-d12	25.02	264	188470	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	109245	85.14	ng	0.00
7) Phenol-d6	7.24	99	101998	57.91	ng	0.03
23) Nitrobenzene-d5	9.24	82	180693	96.53	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	167479	177.67	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	497001	99.69	ng	0.00
79) Terphenyl-d14	20.04	244	812245	101.41	ng	0.00

Target Compounds

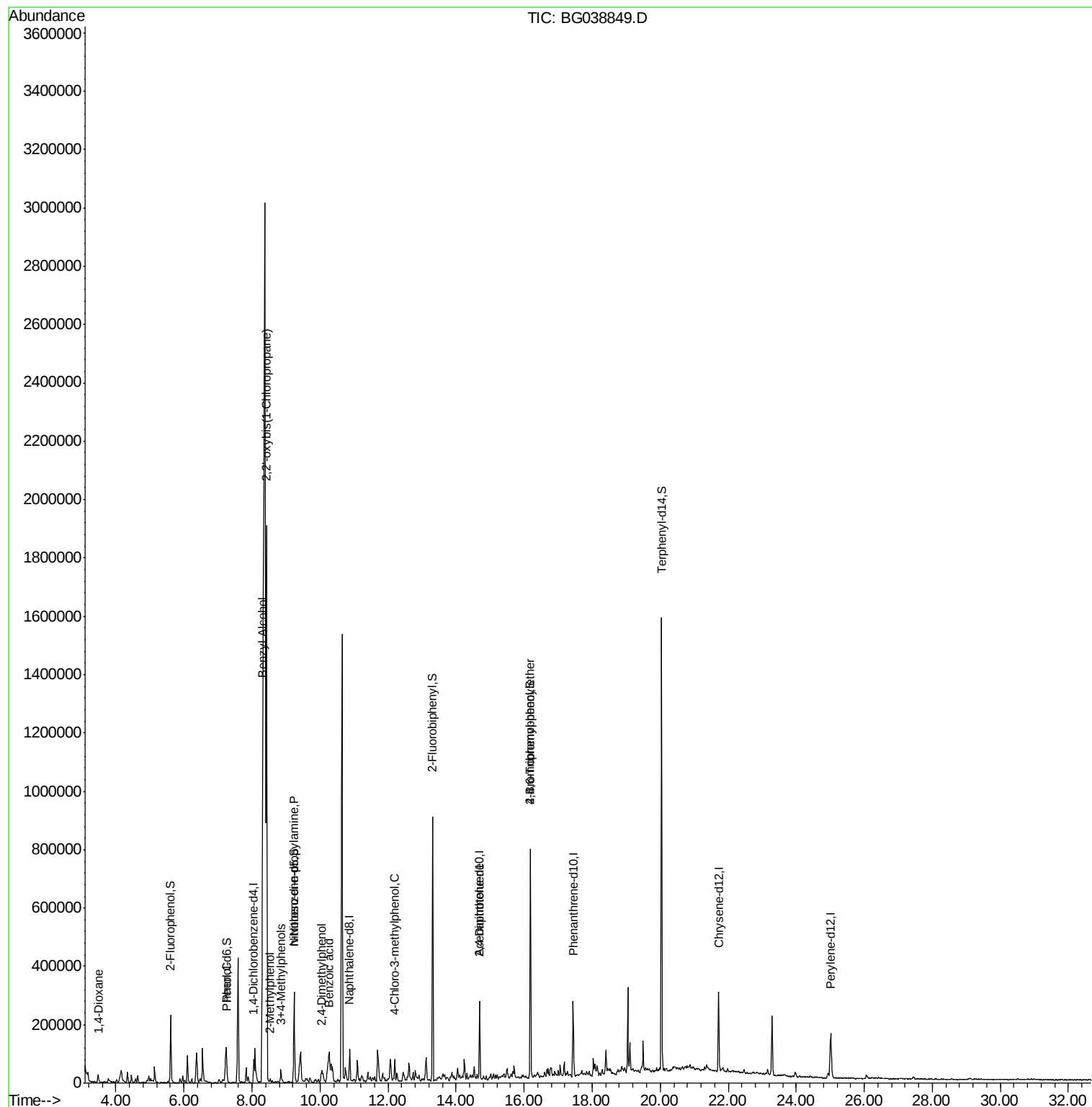
						Qvalue
2) 1,4-Dioxane	3.49	88	3047	5.103	ng	# 78
10) Phenol	7.26	94	12292	6.569	ng	84
15) Benzyl Alcohol	8.31	79	85693	62.330	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.43	45	97262	28.499	ng	78
17) 2-Methylphenol	8.53	107	3641	2.904	ng	# 90
19) n-Nitroso-di-n-propylamine	9.24	70	25116	20.302	ng	# 65
20) 3+4-Methylphenols	8.85	107	18710	10.806	ng	86
27) 2,4-Dimethylphenol	10.05	122	3169	2.281	ng	93
32) Benzoic acid	10.27	122	74015	76.288	ng	94
36) 4-Chloro-3-methylphenol	12.20	107	18179	10.309	ng	# 22
57) 2,4-Dinitrotoluene	14.69	165	9800	5.497	ng	# 30
67) 4-Bromophenyl-phenylether	16.18	248	10845	5.297	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122718\
Data File : BG038849.D
Acq On : 27 Dec 2018 18:40
Operator : JU/SJ
Sample : J6533-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-3

Quant Time: Dec 28 00:29:17 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



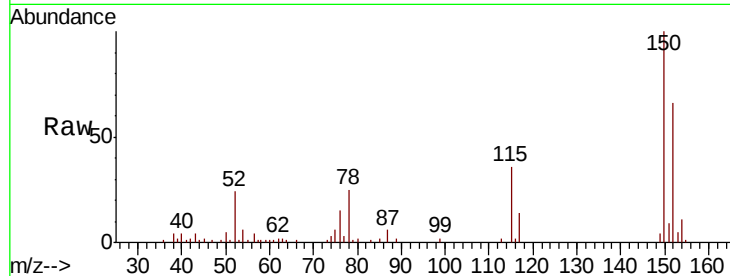


#1

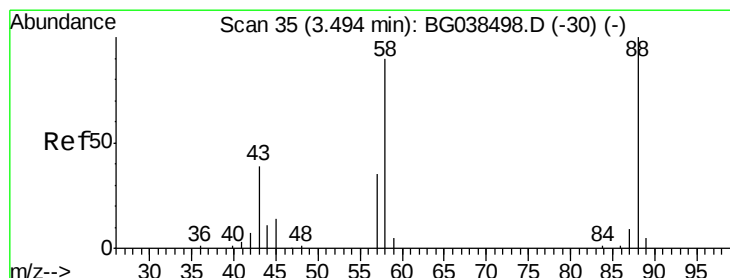
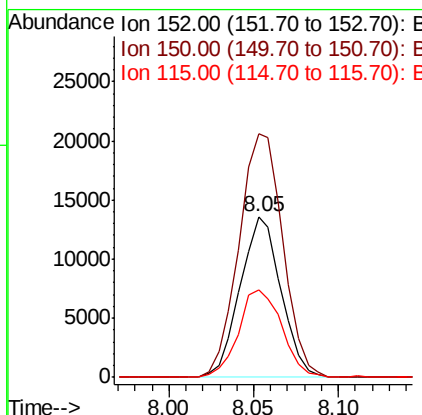
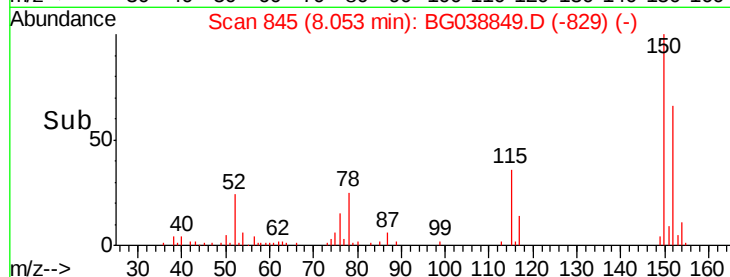
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG038849.D
Acq: 27 Dec 2018 18:40

Instrument :
BNA_G
ClientSampled :
COMP-3

Tot Ion:152 Resp: 22757
Ion Ratio Lower Upper
152 100
150 151.3 119.5 179.3
115 54.6 49.6 74.4



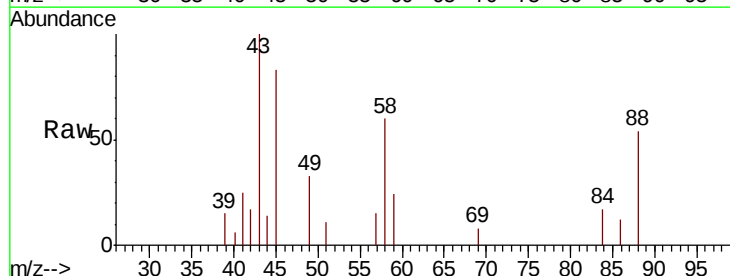
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



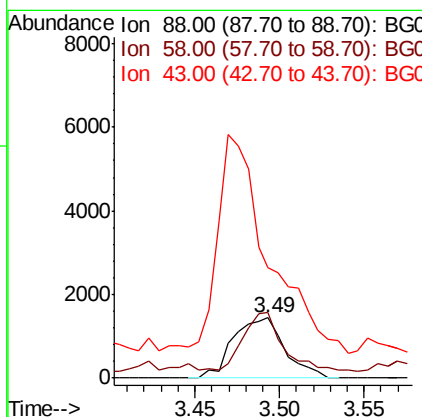
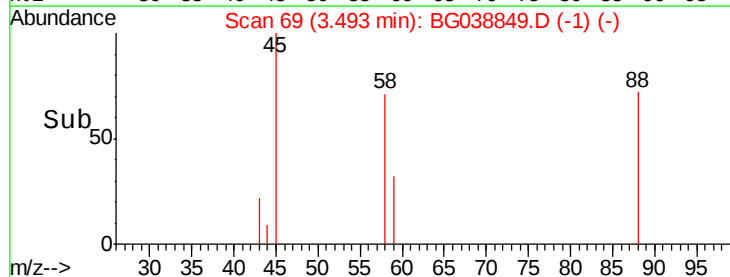
#2

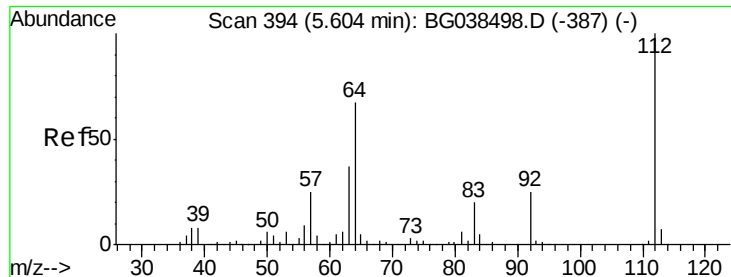
1,4-Dioxane
Concen: 5.103 ng
RT: 3.49 min Scan# 69
Delta R.T. -0.00 min
Lab File: BG038849.D
Acq: 27 Dec 2018 18:40

Tgt Ion: 88 Resp: 3047
Ion Ratio Lower Upper
88 100
58 89.9 75.7 113.5
43 0.0 31.6 47.4#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#5

2-Fluorophenol

Concen: 85.144 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.01 min

Lab File: BG038849.D

Acq: 27 Dec 2018 18:40

Instrument :

BNA_G

ClientSampleId :

COMP-3

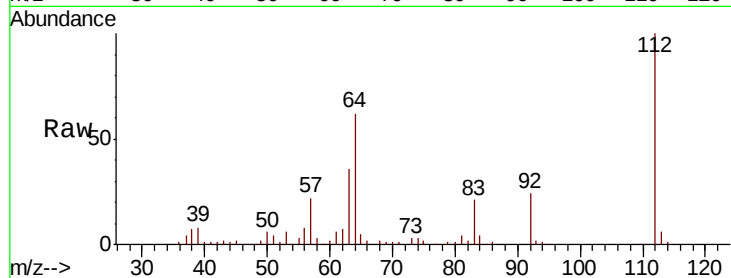
Tot Ion:112 Resp: 109245

Ion Ratio Lower Upper

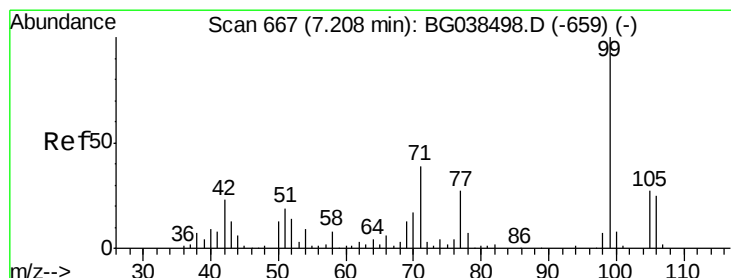
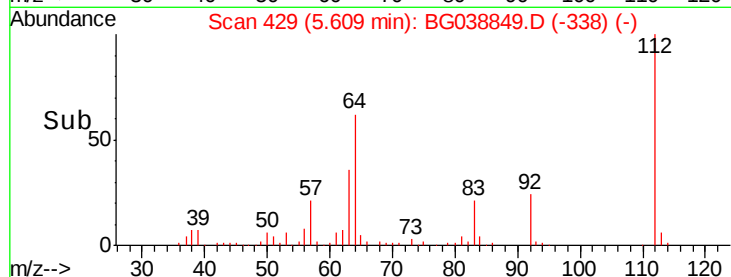
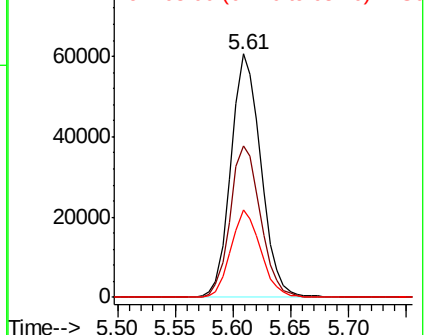
112 100

64 62.3 53.4 80.2

63 36.2 29.3 43.9



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 57.908 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.03 min

Lab File: BG038849.D

Acq: 27 Dec 2018 18:40

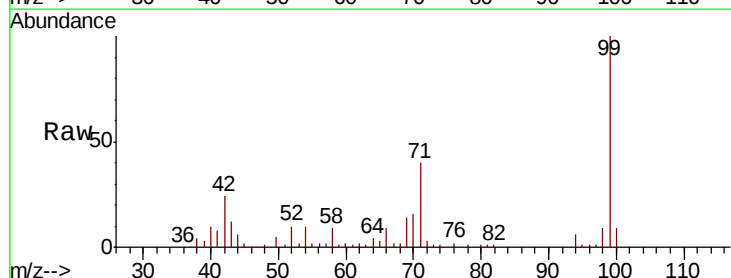
Tgt Ion: 99 Resp: 101998

Ion Ratio Lower Upper

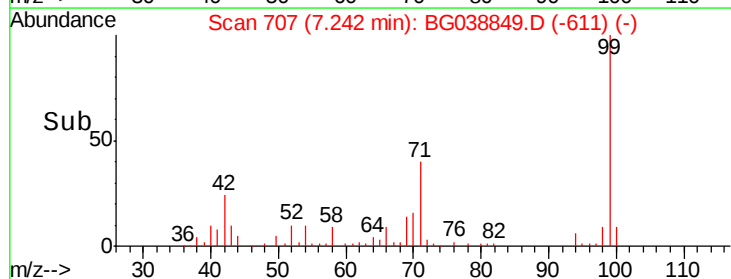
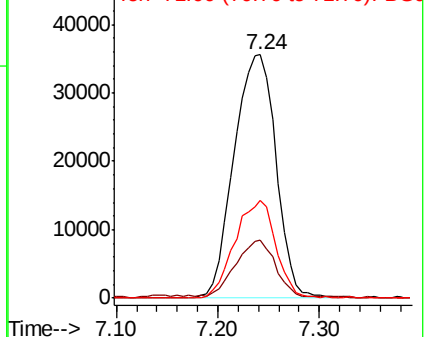
99 100

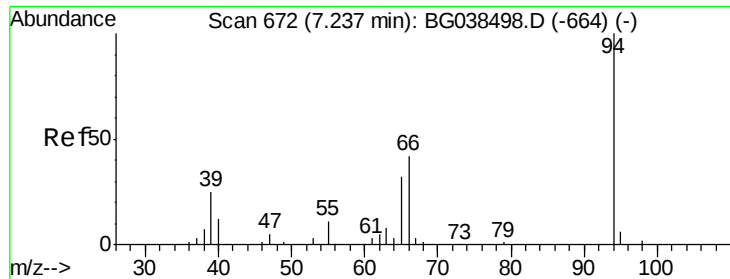
42 23.9 18.5 27.7

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: 6.569 ng

RT: 7.26 min Scan# 710

Delta R.T. 0.02 min

Lab File: BG038849.D

Acq: 27 Dec 2018 18:40

Instrument :

BNA_G

ClientSampled :

COMP-3

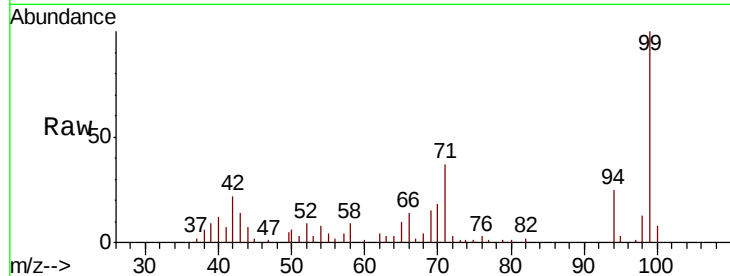
Tot Ion: 94 Resp: 12292

Ion Ratio Lower Upper

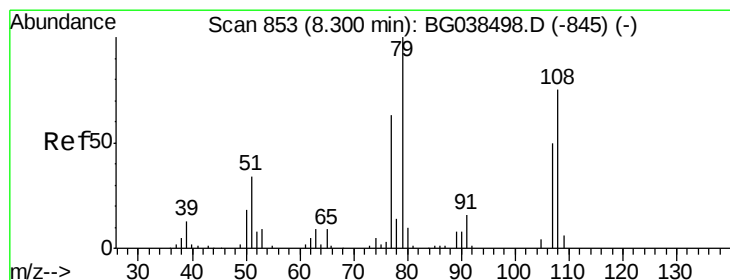
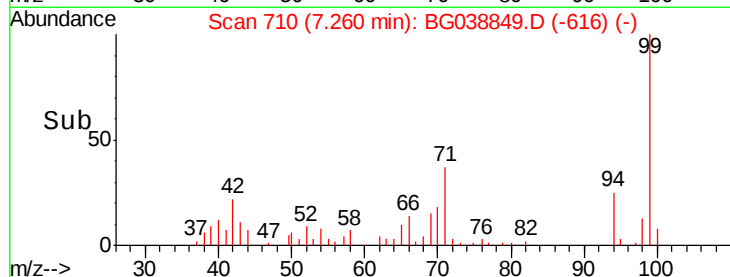
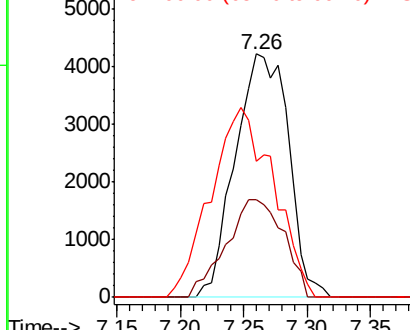
94 100

65 39.9 12.6 52.6

66 56.0 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



#15

Benzyl Alcohol

Concen: 62.330 ng

RT: 8.31 min Scan# 889

Delta R.T. 0.01 min

Lab File: BG038849.D

Acq: 27 Dec 2018 18:40

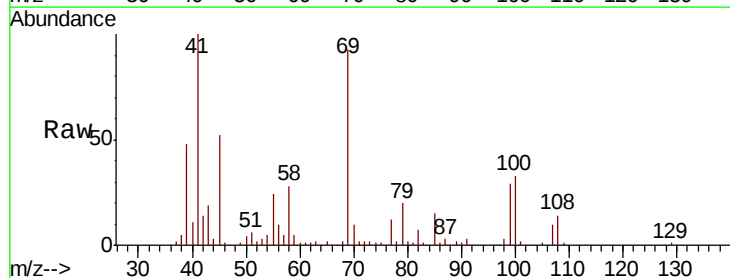
Tgt Ion: 79 Resp: 85693

Ion Ratio Lower Upper

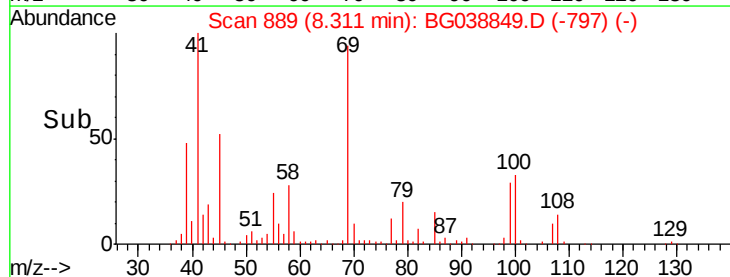
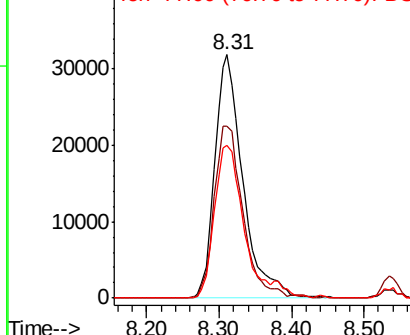
79 100

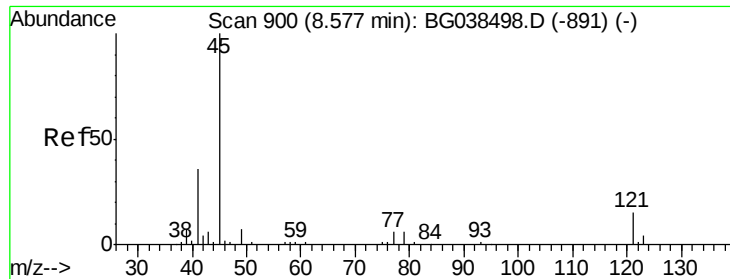
108 70.5 60.2 90.4

77 62.6 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

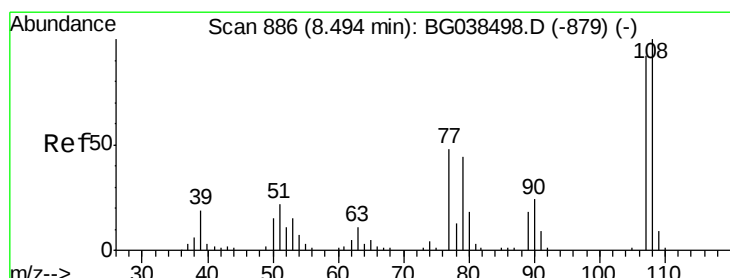
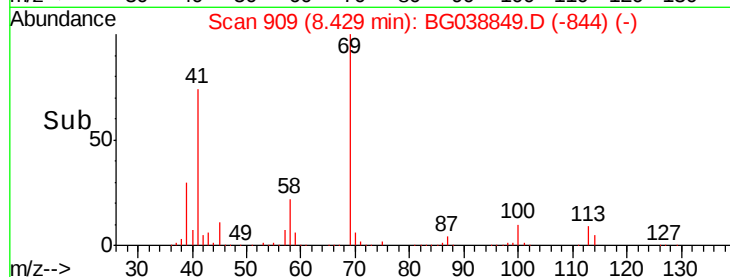
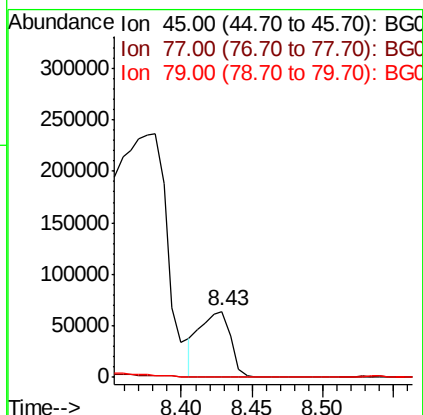
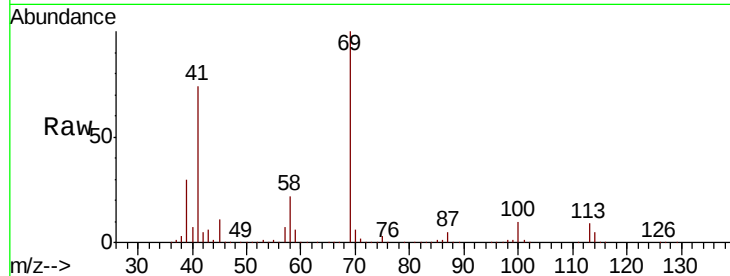




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 28.499 ng
RT: 8.43 min Scan# 909
Delta R.T. -0.15 min
Lab File: BG038849.D
Acq: 27 Dec 2018 18:40

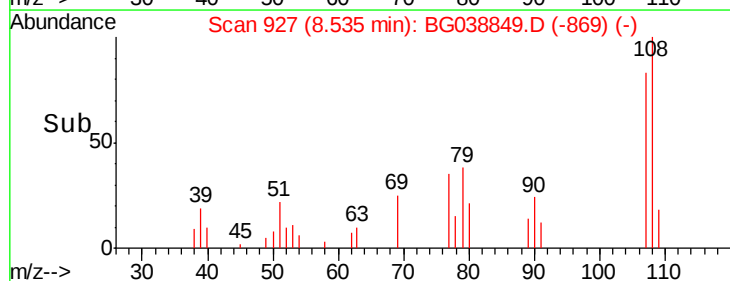
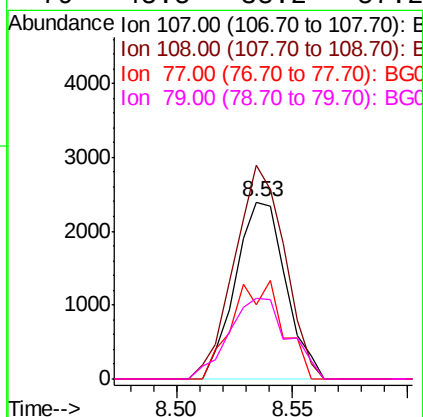
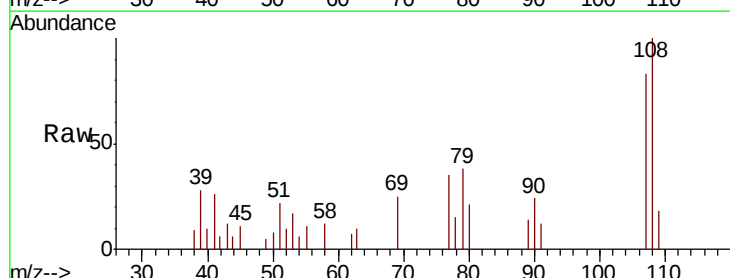
Instrument :
BNA_G
ClientSampleId :
COMP-3

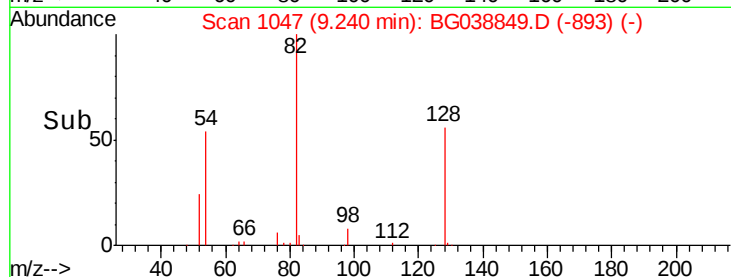
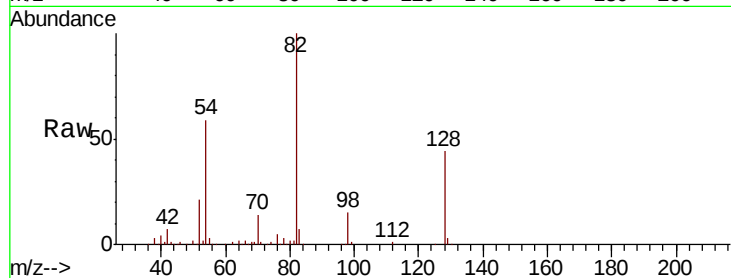
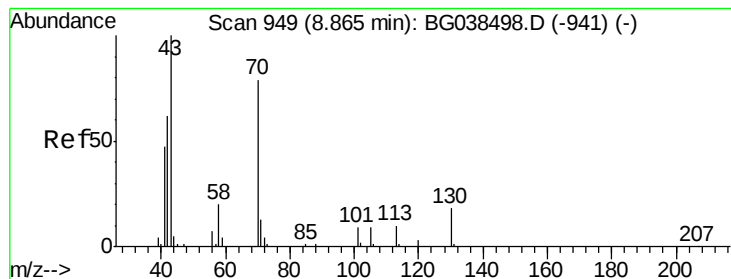
Tot Ion: 45 Resp: 97262
Ion Ratio Lower Upper
45 100
77 0.0 0.0 28.2
79 0.3 0.0 27.2



#17
2-Methylphenol
Concen: 2.904 ng
RT: 8.53 min Scan# 927
Delta R.T. 0.04 min
Lab File: BG038849.D
Acq: 27 Dec 2018 18:40

Tgt Ion: 107 Resp: 3641
Ion Ratio Lower Upper
107 100
108 120.5 87.1 130.7
77 41.9 42.0 63.0#
79 45.5 38.2 57.2





#19

n-Nitroso-di-n-propylamine

Concen: 20.302 ng

RT: 9.24 min Scan# 1047

Delta R.T. 0.38 min

Lab File: BG038849.D

Acq: 27 Dec 2018 18:40

Instrument :

BNA_G

ClientSampleId :

COMP-3

Tot Ion: 70 Resp: 25116

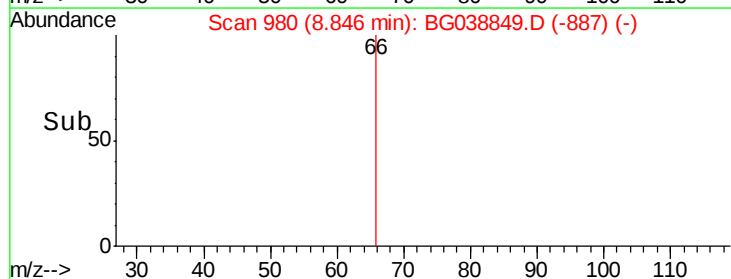
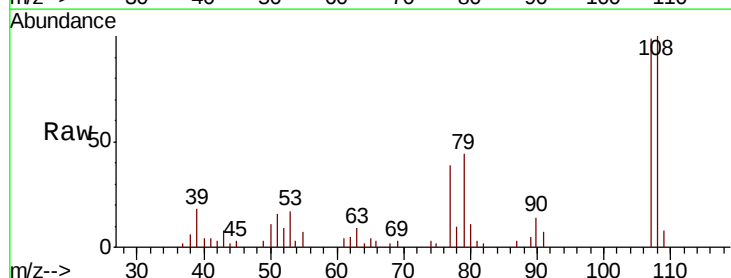
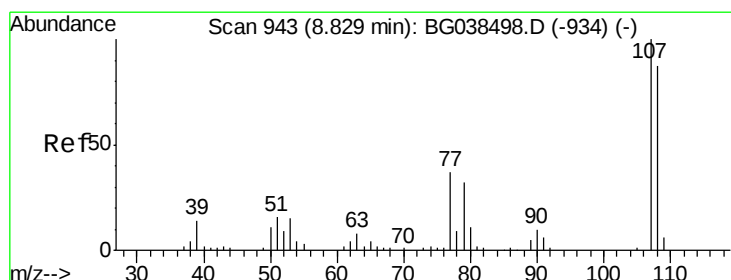
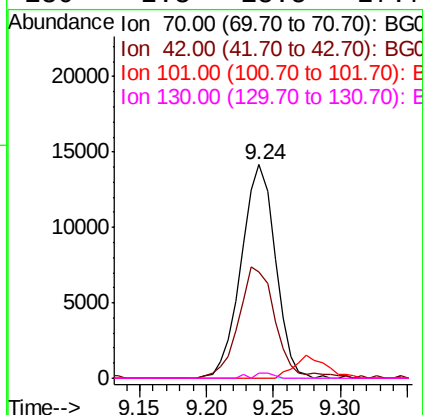
Ion Ratio Lower Upper

70 100

42 49.8 63.6 95.4#

101 0.0 9.2 13.8#

130 2.3 18.5 27.7#



#20

3+4-Methylphenols

Concen: 10.806 ng

RT: 8.85 min Scan# 980

Delta R.T. 0.02 min

Lab File: BG038849.D

Acq: 27 Dec 2018 18:40

Tgt Ion: 107 Resp: 18710

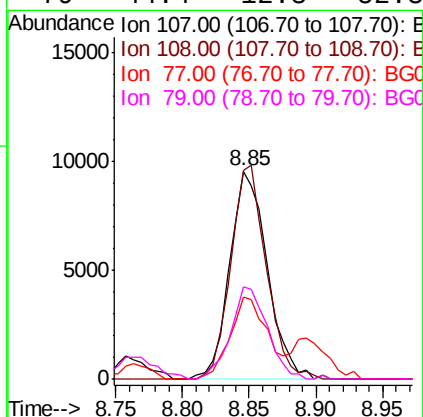
Ion Ratio Lower Upper

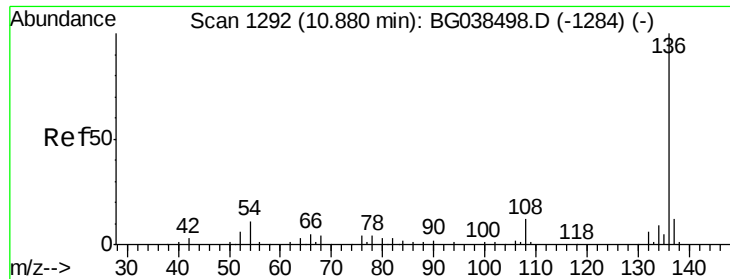
107 100

108 100.6 66.7 106.7

77 39.2 17.3 57.3

79 44.4 12.3 52.3

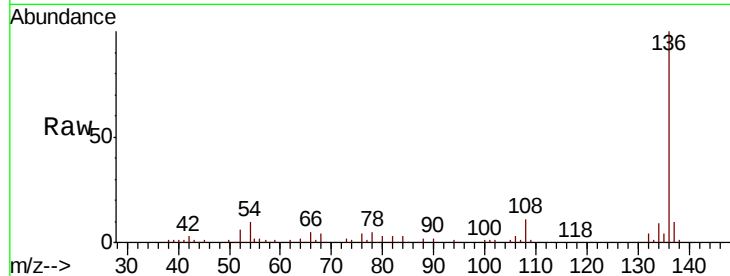




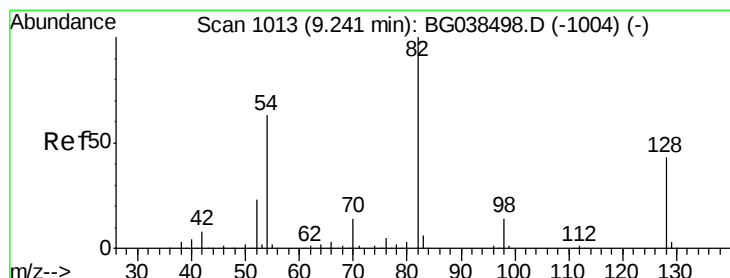
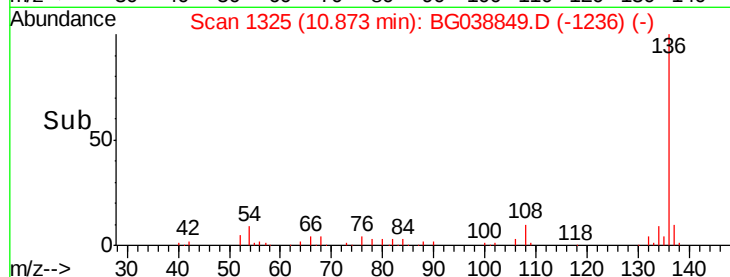
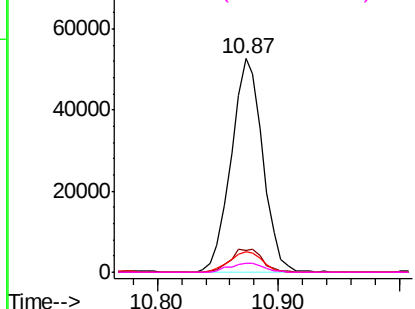
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG038849.D
Acq: 27 Dec 2018 18:40

Instrument :
BNA_G
ClientSampleId :
COMP-3

Tot Ion:136 Resp: 95632
Ion Ratio Lower Upper
136 100
137 10.3 9.3 13.9
54 9.7 8.5 12.7
68 4.1 3.5 5.3

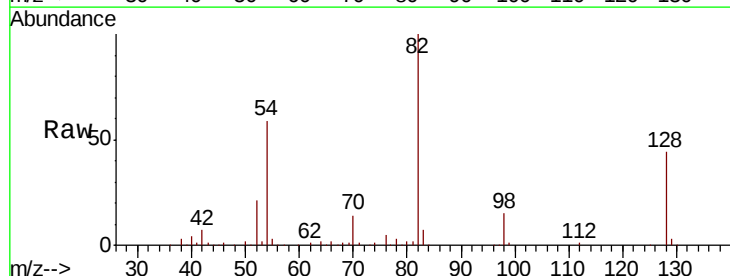


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

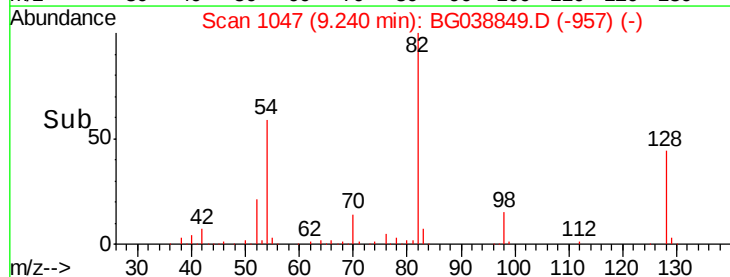
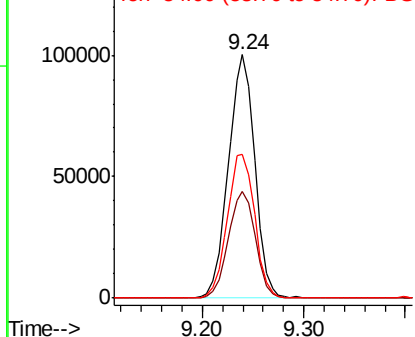


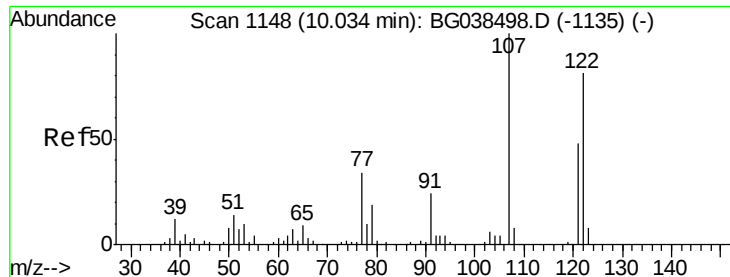
#23
Nitrobenzene-d5
Concen: 96.527 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG038849.D
Acq: 27 Dec 2018 18:40

Tgt Ion: 82 Resp: 180693
Ion Ratio Lower Upper
82 100
128 43.9 34.6 52.0
54 59.0 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

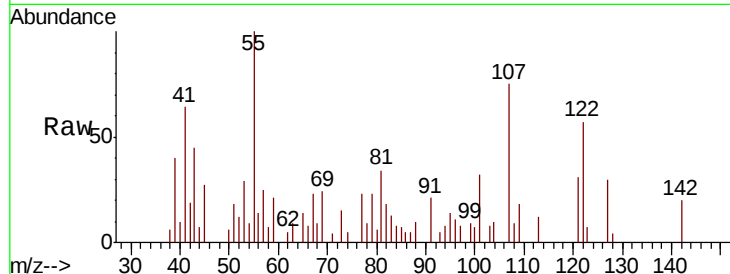




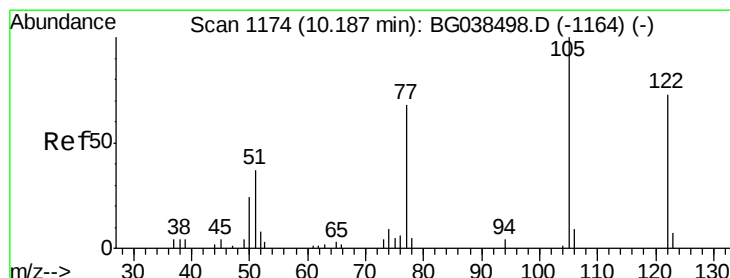
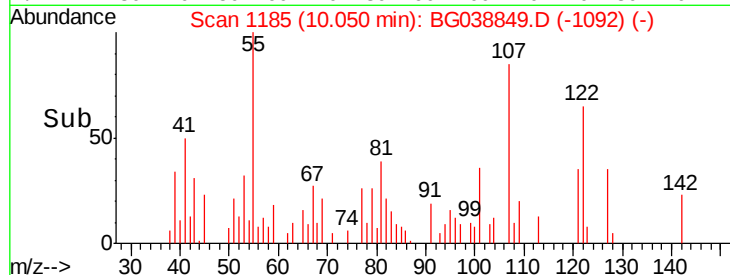
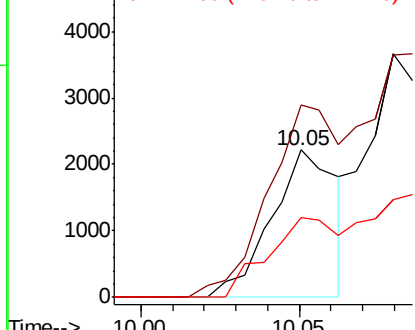
#27
2,4-Dimethylphenol
Concen: 2.281 ng
RT: 10.05 min Scan# 1185
Delta R.T. 0.02 min
Lab File: BG038849.D
Acq: 27 Dec 2018 18:40

Instrument :
BNA_G
ClientSampled :
COMP-3

Tot Ion:122 Resp: 3169
Ion Ratio Lower Upper
122 100
107 130.6 98.4 147.6
121 53.9 47.2 70.8

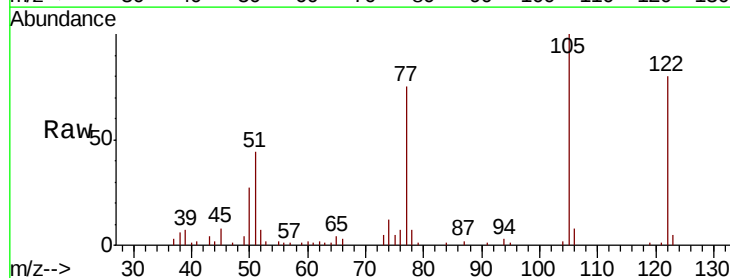


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

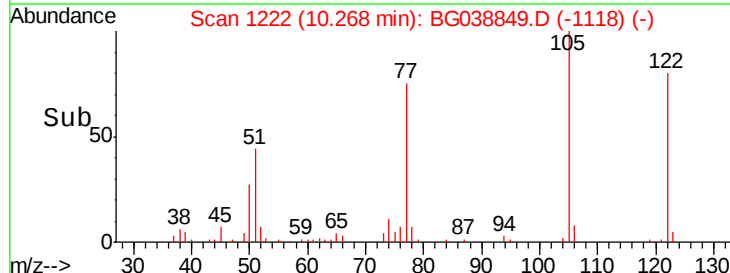
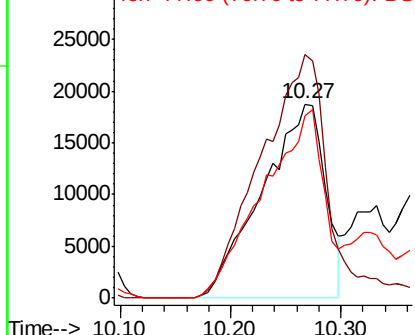


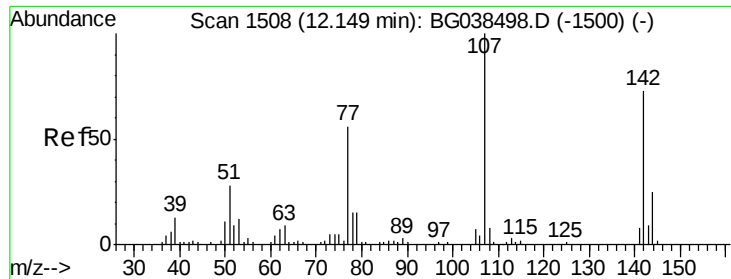
#32
Benzoic acid
Concen: 76.288 ng
RT: 10.27 min Scan# 1222
Delta R.T. 0.08 min
Lab File: BG038849.D
Acq: 27 Dec 2018 18:40

Tgt Ion:122 Resp: 74015
Ion Ratio Lower Upper
122 100
105 125.4 116.7 156.7
77 93.8 72.5 112.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGO

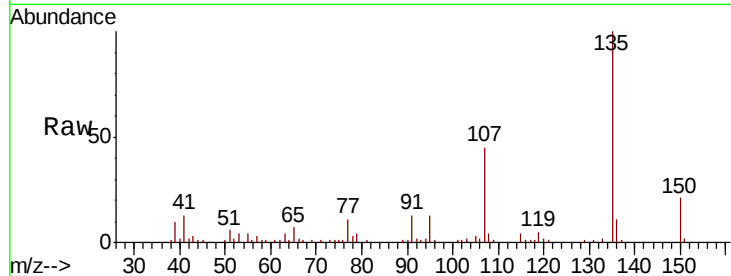




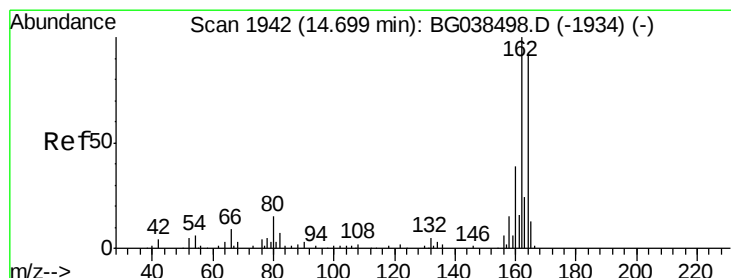
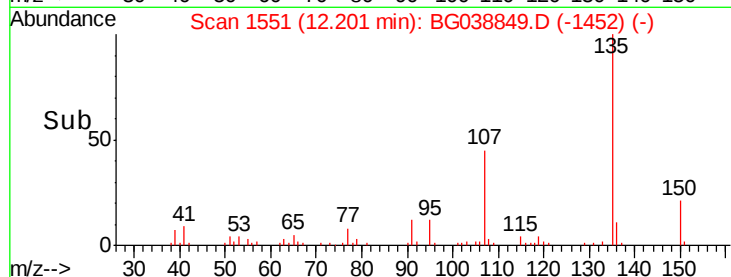
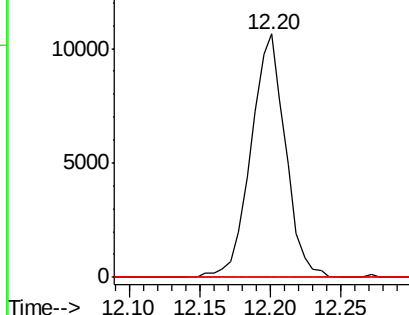
#36
4-Chloro-3-methylphenol
Concen: 10.309 ng
RT: 12.20 min Scan# 1551
Delta R.T. 0.05 min
Lab File: BG038849.D
Acq: 27 Dec 2018 18:40

Instrument :
BNA_G
ClientSampleId :
COMP-3

Tot Ion:107 Resp: 18179
Ion Ratio Lower Upper
107 100
144 0.0 20.1 30.1#
142 0.0 58.7 88.1#

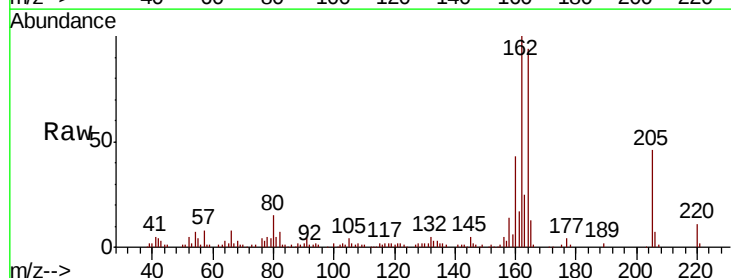


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

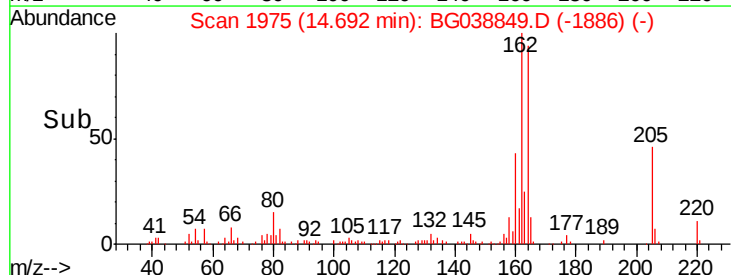
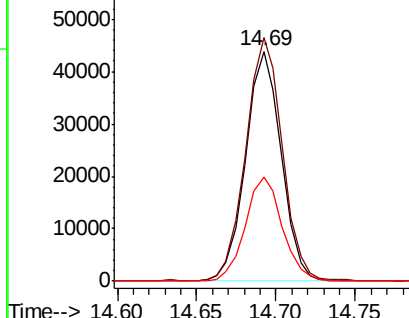


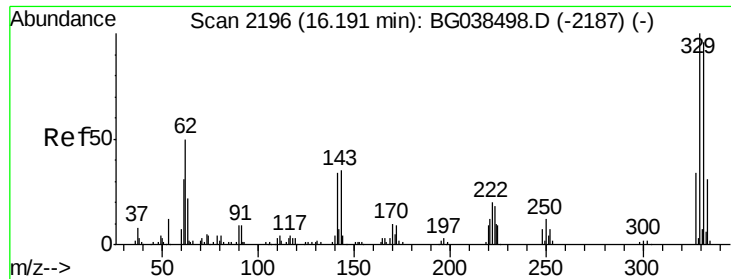
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG038849.D
Acq: 27 Dec 2018 18:40

Tgt Ion:164 Resp: 68396
Ion Ratio Lower Upper
164 100
162 105.9 86.6 130.0
160 45.2 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

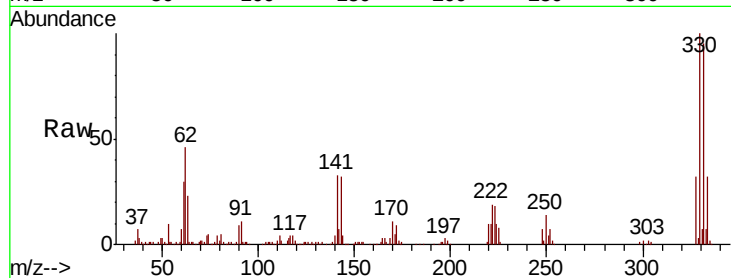




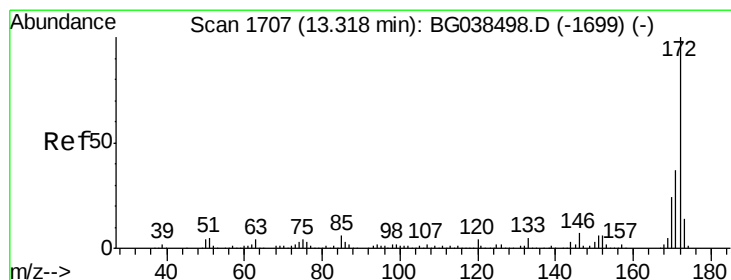
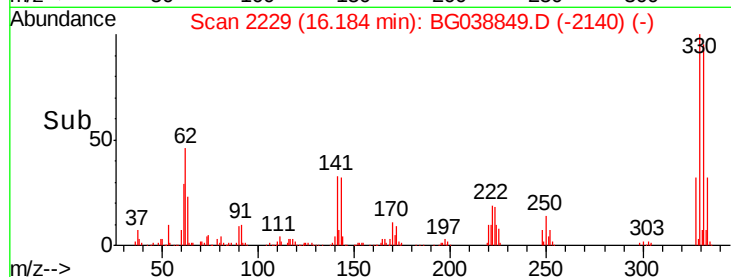
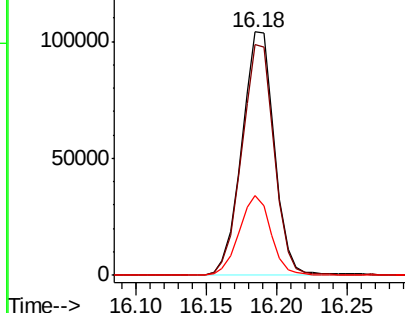
#42
 2,4,6-Tribromophenol
 Concen: 177.674 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BG038849.D
 Acq: 27 Dec 2018 18:40

Instrument :
 BNA_G
 ClientSampleId :
 COMP-3

Tot Ion:330 Resp: 167479
 Ion Ratio Lower Upper
 330 100
 332 94.8 76.9 115.3
 141 32.4 28.8 43.2

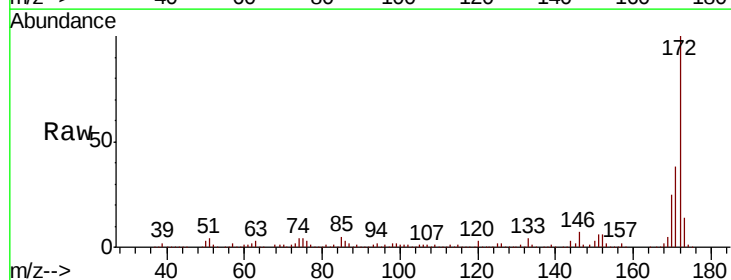


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

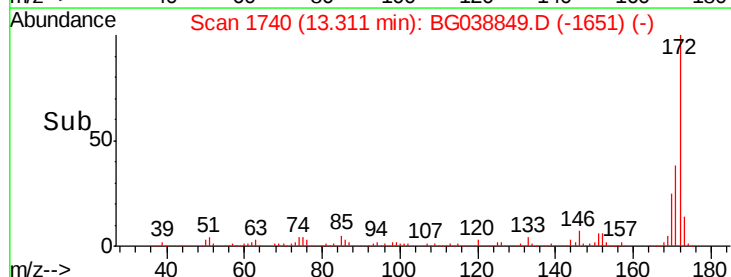
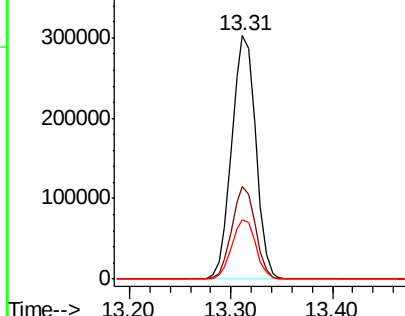


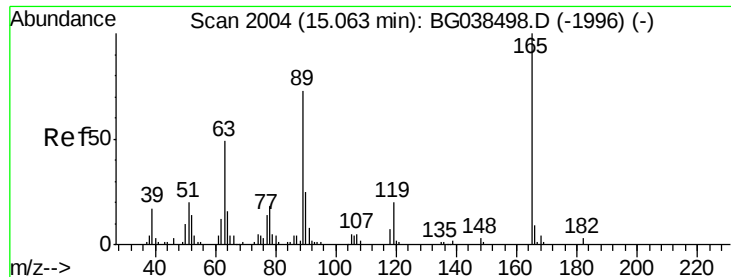
#45
 2-Fluorobiphenyl
 Concen: 99.686 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG038849.D
 Acq: 27 Dec 2018 18:40

Tgt Ion:172 Resp: 497001
 Ion Ratio Lower Upper
 172 100
 171 38.2 29.8 44.6
 170 24.5 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

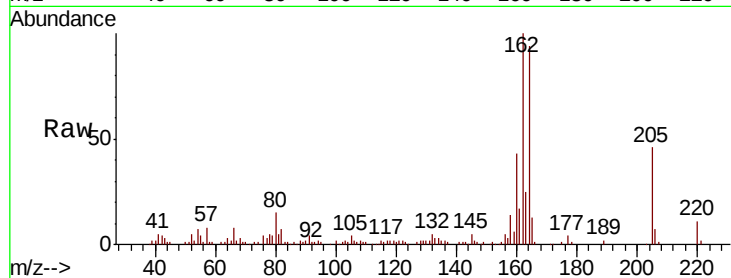




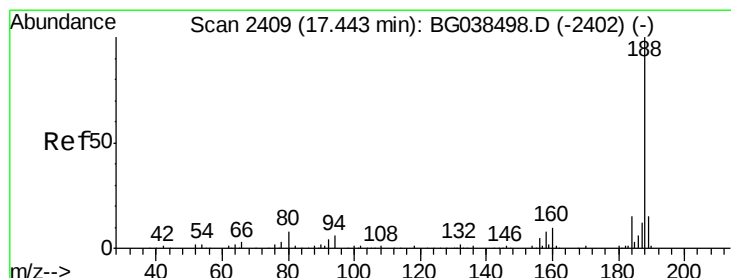
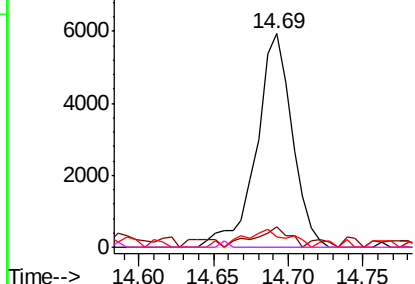
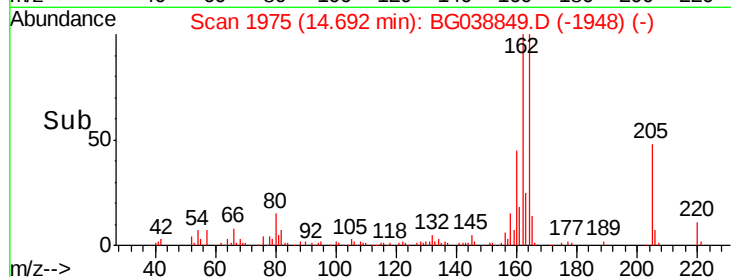
#57
 2,4-Dinitrotoluene
 Concen: 5.497 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.37 min
 Lab File: BG038849.D
 Acq: 27 Dec 2018 18:40

Instrument :
 BNA_G
 ClientSampleId :
 COMP-3

Tot Ion:165 Resp: 9800
 Ion Ratio Lower Upper
 165 100
 63 9.7 39.0 58.4#
 89 4.8 58.0 87.0#
 182 0.0 2.3 3.5#

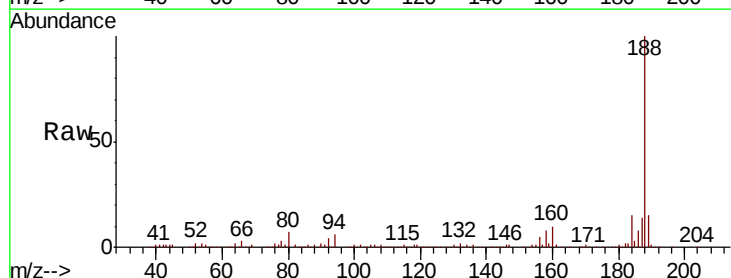


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

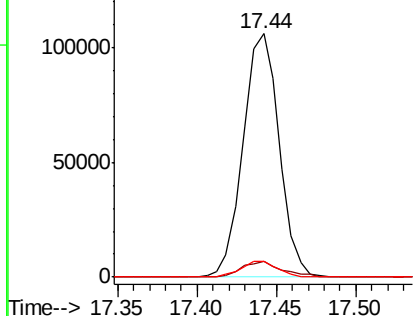
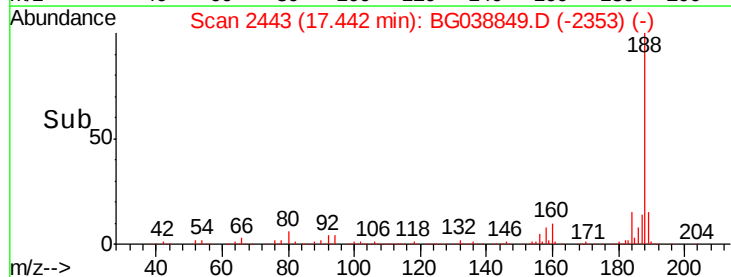


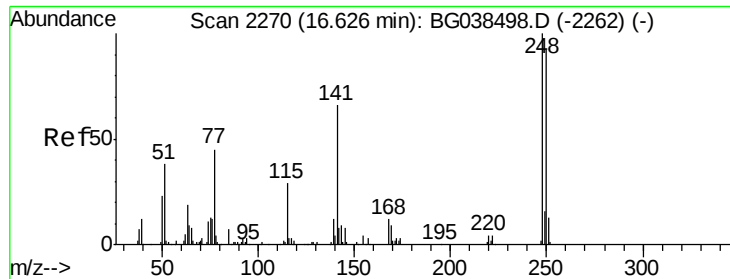
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2443
 Delta R.T. -0.00 min
 Lab File: BG038849.D
 Acq: 27 Dec 2018 18:40

Tgt Ion:188 Resp: 167637
 Ion Ratio Lower Upper
 188 100
 94 6.4 5.1 7.7
 80 6.7 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

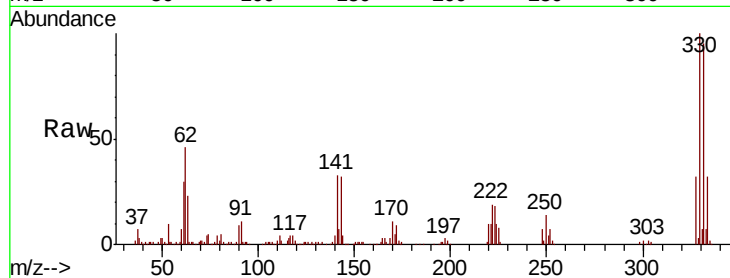




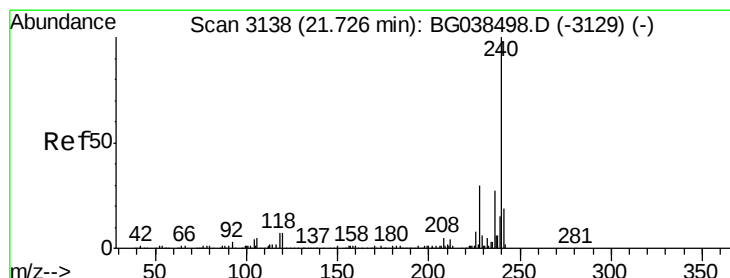
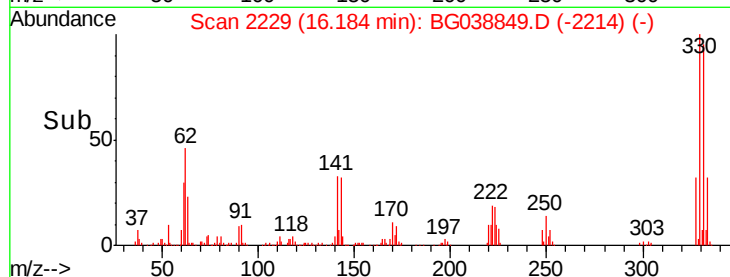
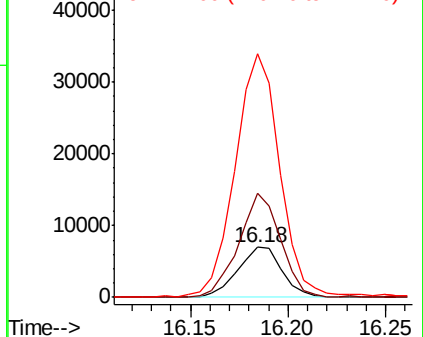
#67
 4-Bromophenyl-phenylether
 Concen: 5.297 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. -0.44 min
 Lab File: BG038849.D
 Acq: 27 Dec 2018 18:40

Instrument :
 BNA_G
 ClientSampleId :
 COMP-3

Tot Ion:248 Resp: 10845
 Ion Ratio Lower Upper
 248 100
 250 203.8 73.4 110.2#
 141 373.3 52.9 79.3#

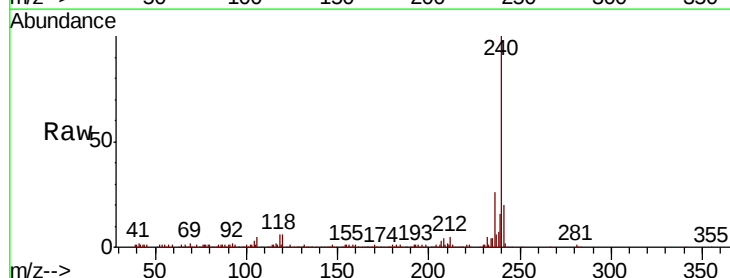


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

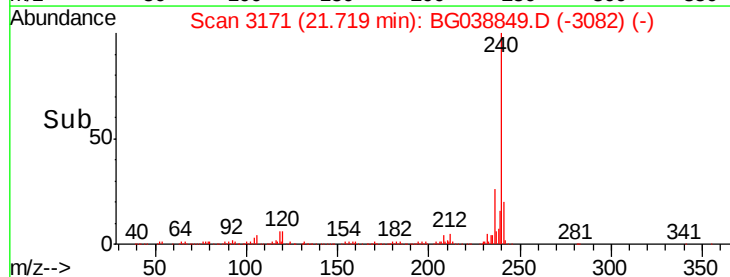
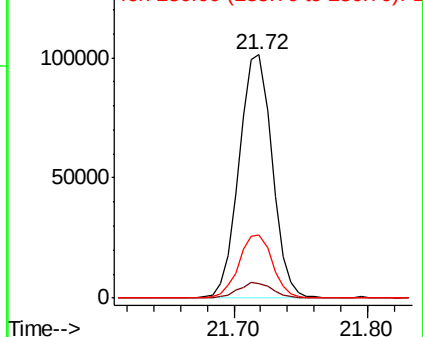


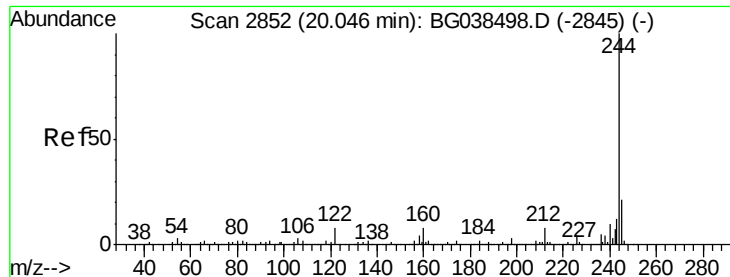
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3171
 Delta R.T. -0.01 min
 Lab File: BG038849.D
 Acq: 27 Dec 2018 18:40

Tgt Ion:240 Resp: 174308
 Ion Ratio Lower Upper
 240 100
 120 5.8 5.3 7.9
 236 26.1 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: 101.413 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038849.D

Acq: 27 Dec 2018 18:40

Instrument :

BNA_G

ClientSampleId :

COMP-3

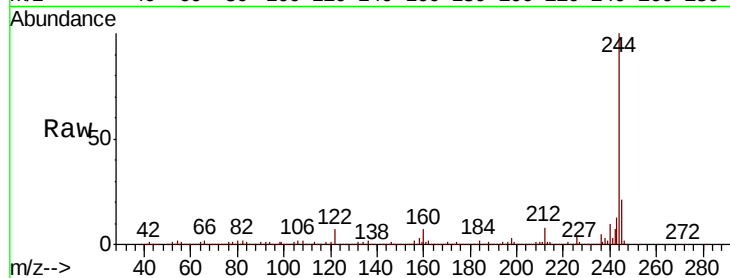
Tot Ion:244 Resp: 812245

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

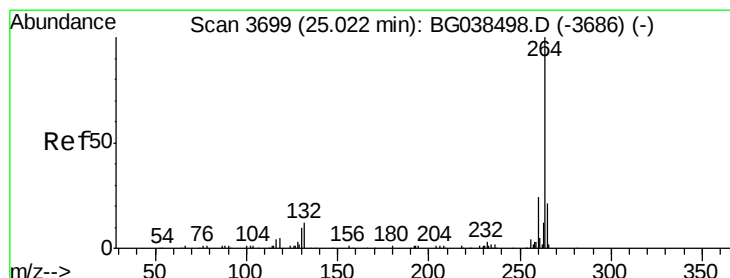
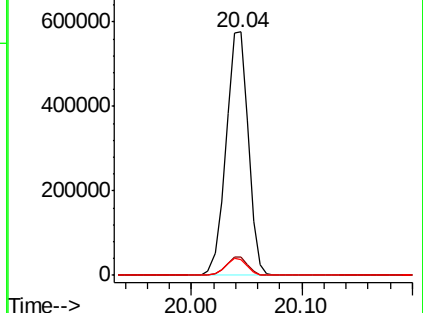
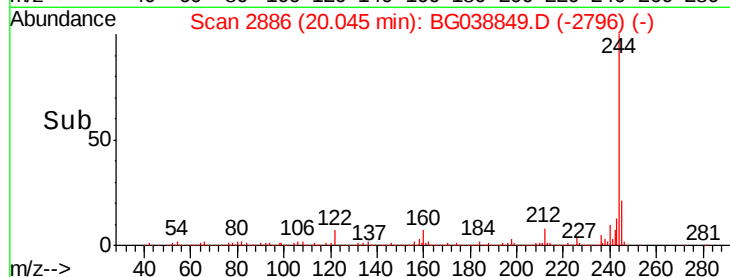
122 6.5 6.3 9.5



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3732

Delta R.T. -0.01 min

Lab File: BG038849.D

Acq: 27 Dec 2018 18:40

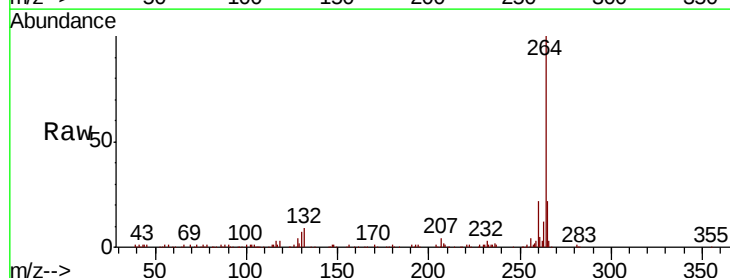
Tgt Ion:264 Resp: 188470

Ion Ratio Lower Upper

264 100

260 22.3 18.9 28.3

265 21.6 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

