

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122718\
 Data File : BG038852.D
 Acq On : 27 Dec 2018 20:37
 Operator : JU/SJ
 Sample : J6549-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TW-1

Quant Time: Dec 28 00:30:02 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

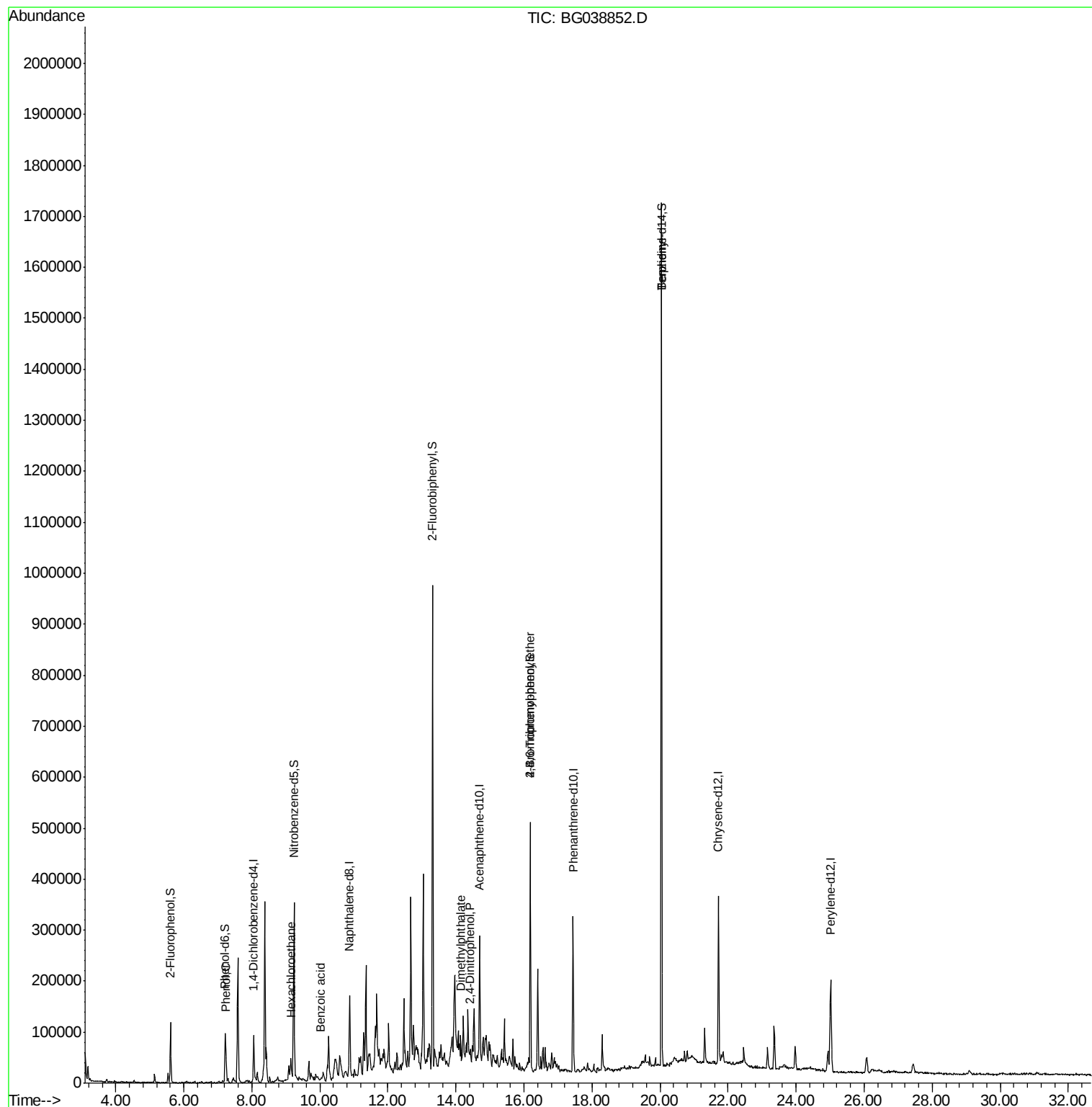
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	26388	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	116196	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	84101	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	196858	20.00	ng	0.00
76) Chrysene-d12	21.72	240	204234	20.00	ng	0.00
87) Perylene-d12	25.02	264	220844	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	55188	37.09	ng	0.00
7) Phenol-d6	7.22	99	57297	28.05	ng	0.01
23) Nitrobenzene-d5	9.24	82	184571	81.15	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	104014	89.74	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	507605	82.80	ng	0.00
79) Terphenyl-d14	20.04	244	851741	90.76	ng	0.00
Target Compounds						
10) Phenol	7.25	94	19089	8.797	ng	95
18) Hexachloroethane	9.16	117	4863	6.383	ng	# 1
32) Benzoic acid	10.04	122	301	10.385	ng	# 52
50) Dimethylphthalate	14.14	163	29587	4.308	ng	# 96
54) 2,4-Dinitrophenol	14.42	184	139	5.322	ng	# 1
67) 4-Bromophenyl-phenylether	16.19	248	6397	2.661	ng	# 1
77) Benzidine	20.04	184	15002	2.484	ng	96

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122718\
Data File : BG038852.D
Acq On : 27 Dec 2018 20:37
Operator : JU/SJ
Sample : J6549-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TW-1

Quant Time: Dec 28 00:30:02 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



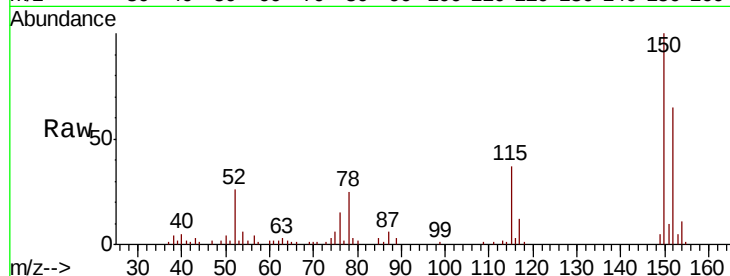


#1

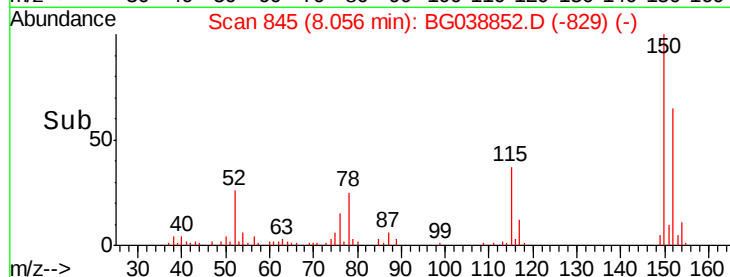
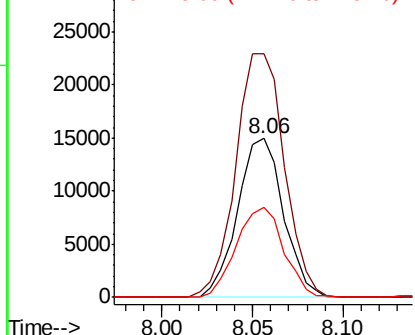
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG038852.D
Acq: 27 Dec 2018 20:37

Instrument :
BNA_G
ClientSampleId :
TW-1

Tot Ion:152 Resp: 26388
Ion Ratio Lower Upper
152 100
150 153.2 119.5 179.3
115 56.3 49.6 74.4



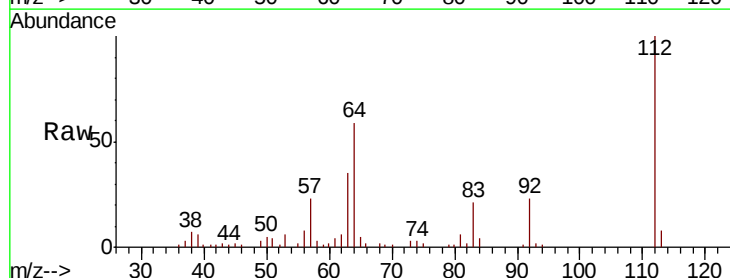
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



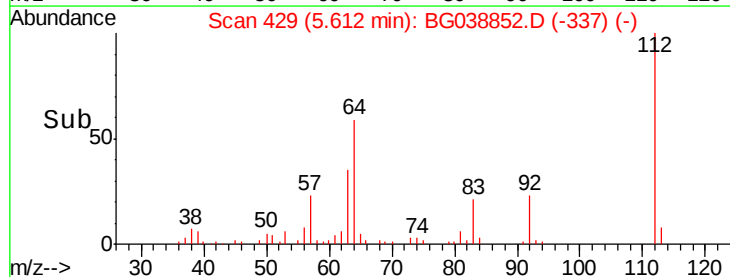
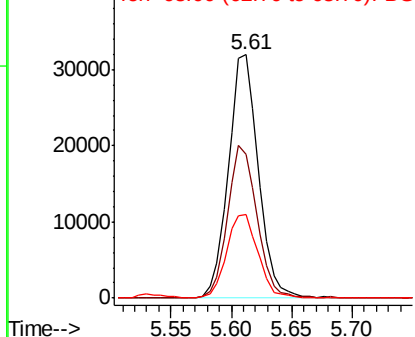
#5

2-Fluorophenol
Concen: 37.094 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038852.D
Acq: 27 Dec 2018 20:37

Tgt Ion:112 Resp: 55188
Ion Ratio Lower Upper
112 100
64 59.0 53.4 80.2
63 34.5 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: 28.053 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG038852.D

Acq: 27 Dec 2018 20:37

Instrument :

BNA_G

ClientSampleId :

TW-1

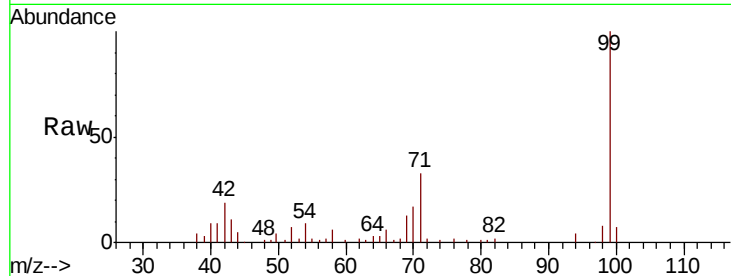
Tot Ion: 99 Resp: 57297

Ion Ratio Lower Upper

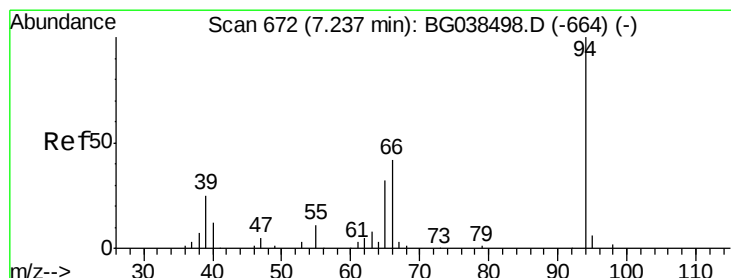
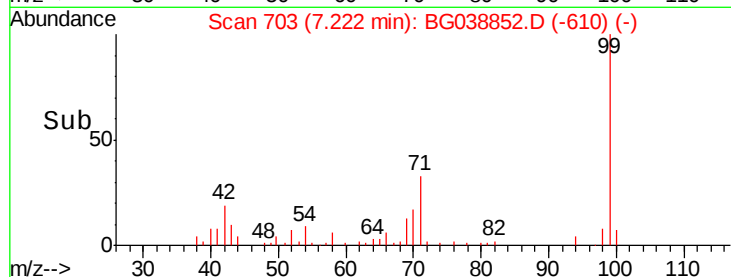
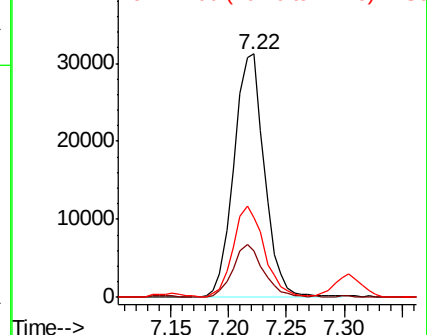
99 100

42 18.9 18.5 27.7

71 33.0 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: 8.797 ng

RT: 7.25 min Scan# 707

Delta R.T. 0.01 min

Lab File: BG038852.D

Acq: 27 Dec 2018 20:37

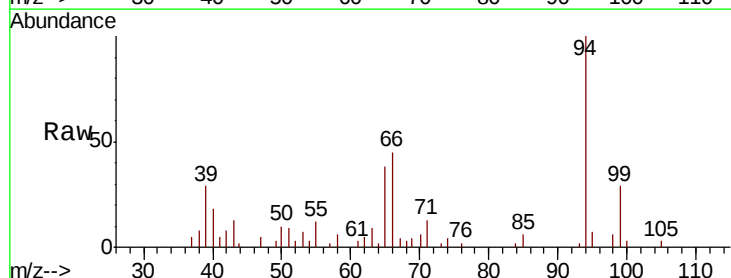
Tgt Ion: 94 Resp: 19089

Ion Ratio Lower Upper

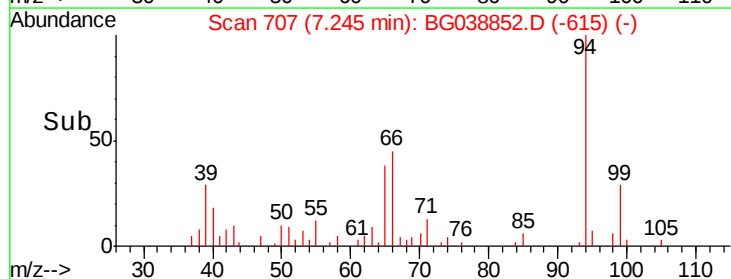
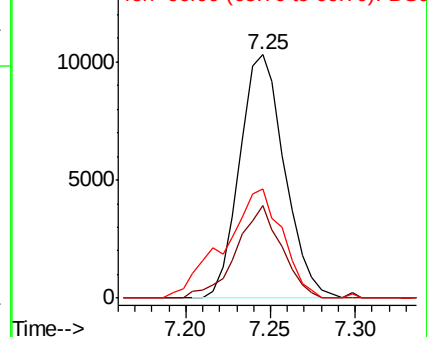
94 100

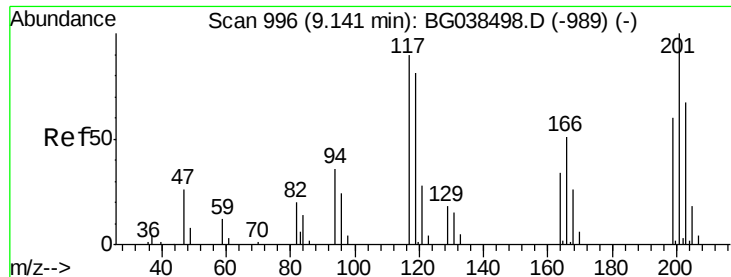
65 37.8 12.6 52.6

66 44.9 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





#18

Hexachloroethane

Concen: 6.383 ng

RT: 9.16 min Scan# 1033

Delta R.T. 0.02 min

Lab File: BG038852.D

Acq: 27 Dec 2018 20:37

Instrument :

BNA_G

ClientSampleId :

TW-1

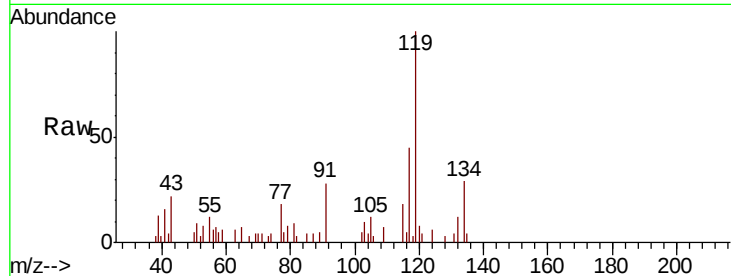
Tot Ion:117 Resp: 4863

Ion Ratio Lower Upper

117 100

119 224.4 73.8 110.8#

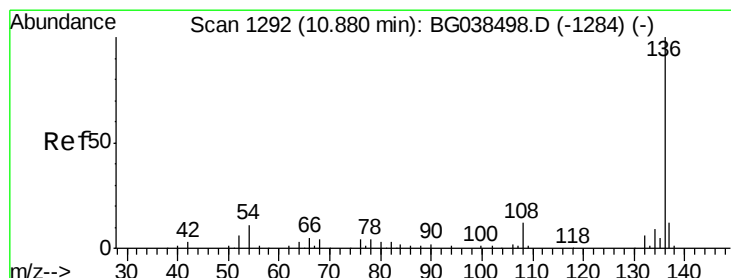
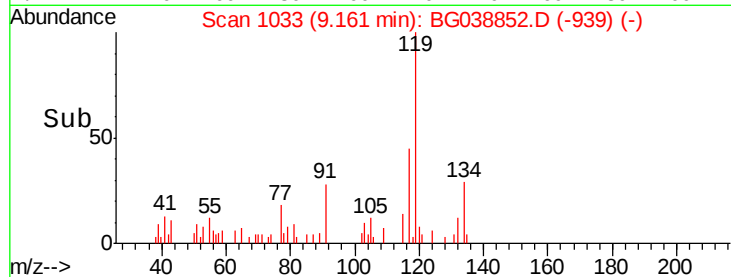
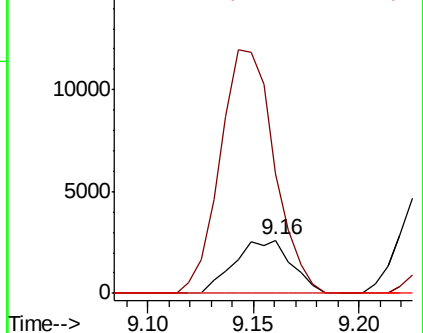
201 0.0 89.4 134.0#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BG038852.D

Acq: 27 Dec 2018 20:37

Tgt Ion:136 Resp: 116196

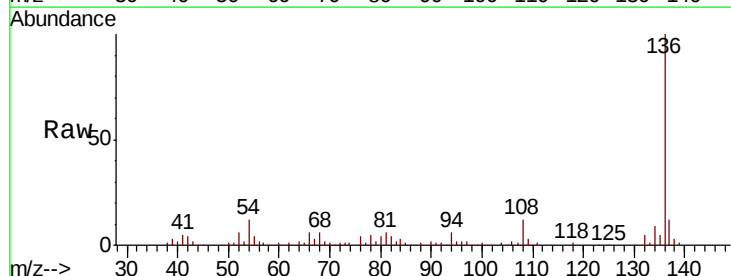
Ion Ratio Lower Upper

136 100

137 12.0 9.3 13.9

54 12.3 8.5 12.7

68 6.1 3.5 5.3#

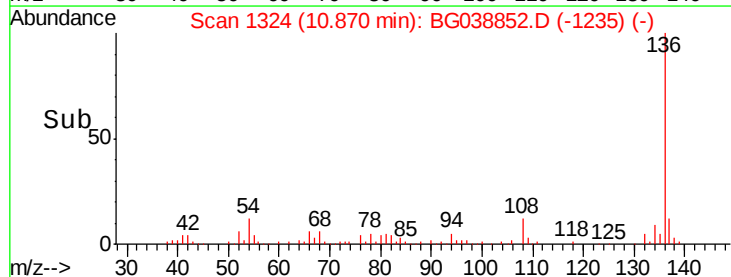
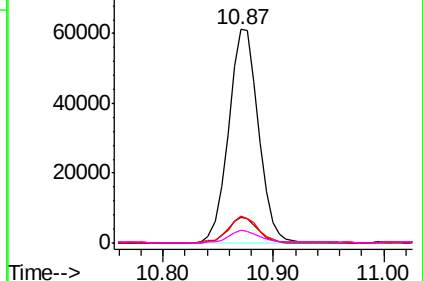


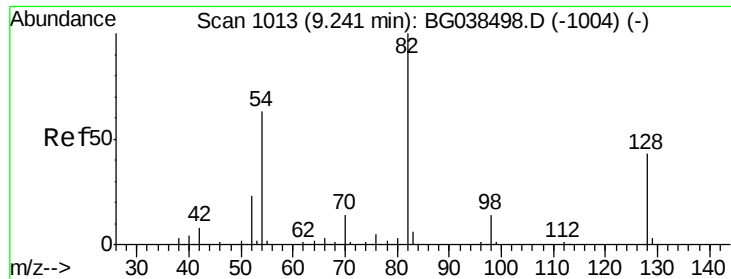
Abundance Ion 136.00 (135.70 to 136.70): E

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

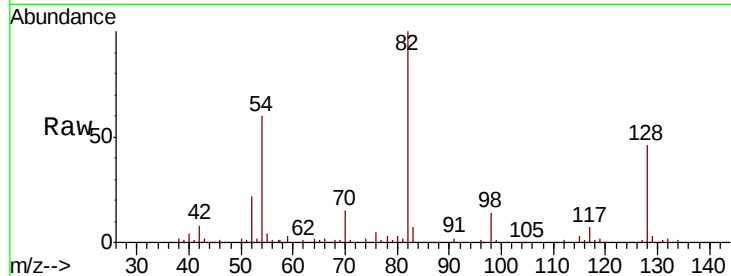




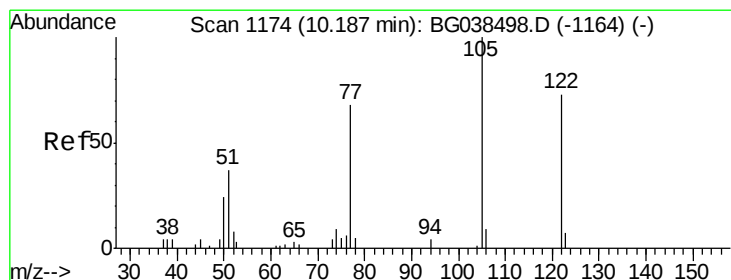
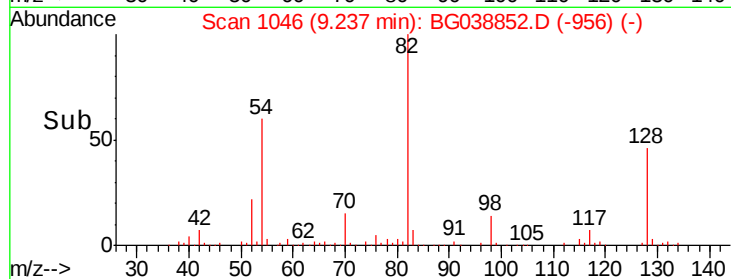
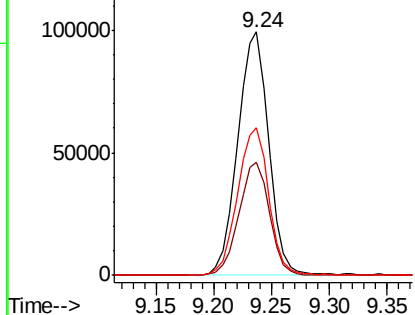
#23
Nitrobenzene-d5
Concen: 81.149 ng
RT: 9.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BG038852.D
Acq: 27 Dec 2018 20:37

Instrument :
BNA_G
ClientSampleId :
TW-1

Tot Ion: 82 Resp: 184571
Ion Ratio Lower Upper
82 100
128 46.3 34.6 52.0
54 60.5 50.6 76.0

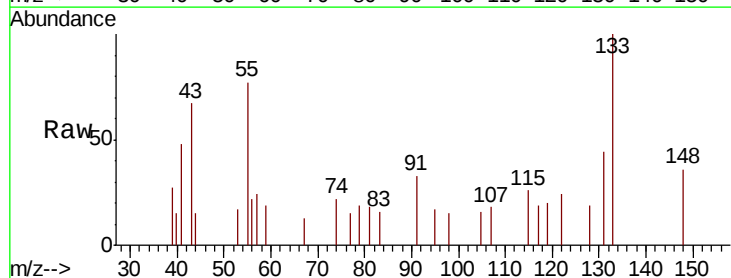


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

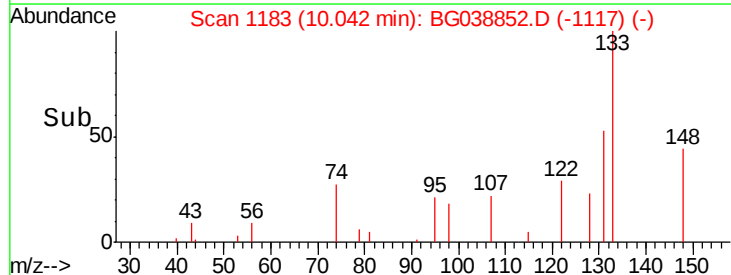
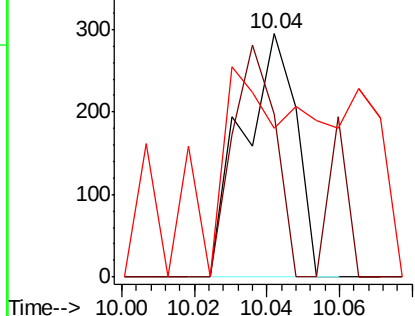


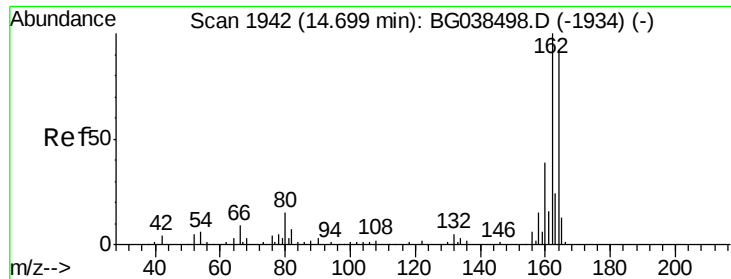
#32
Benzoic acid
Concen: 10.385 ng
RT: 10.04 min Scan# 1183
Delta R.T. -0.14 min
Lab File: BG038852.D
Acq: 27 Dec 2018 20:37

Tgt Ion: 122 Resp: 301
Ion Ratio Lower Upper
122 100
105 66.8 116.7 156.7#
77 61.0 72.5 112.5#



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BG038852.D

Acq: 27 Dec 2018 20:37

Instrument :

BNA_G

ClientSampleId :

TW-1

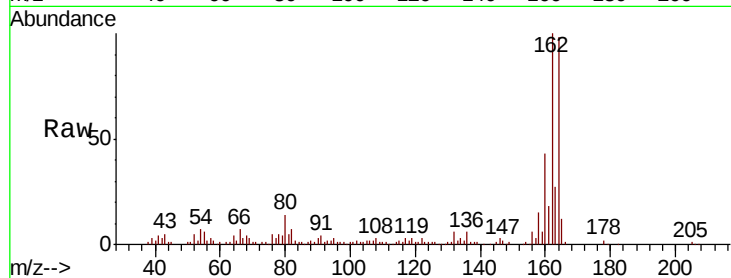
Tot Ion:164 Resp: 84101

Ion Ratio Lower Upper

164 100

162 102.4 86.6 130.0

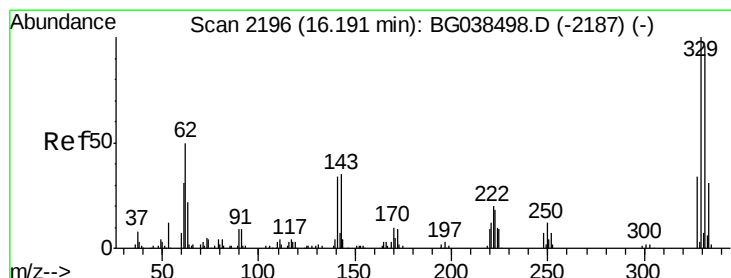
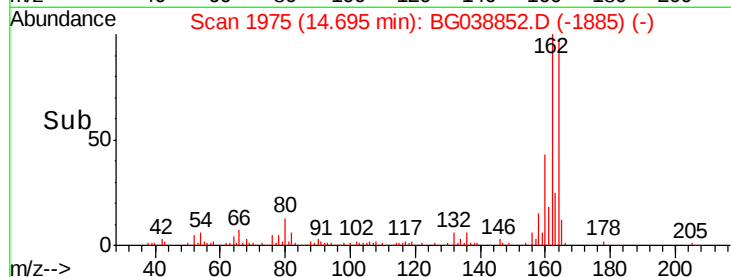
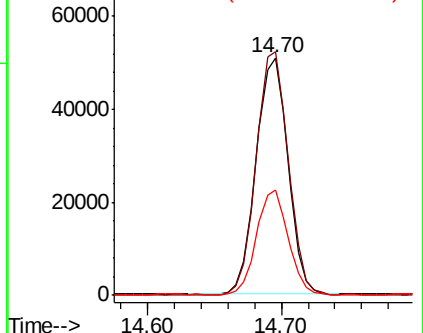
160 44.2 34.2 51.2



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: 89.740 ng

RT: 16.19 min Scan# 2229

Delta R.T. -0.00 min

Lab File: BG038852.D

Acq: 27 Dec 2018 20:37

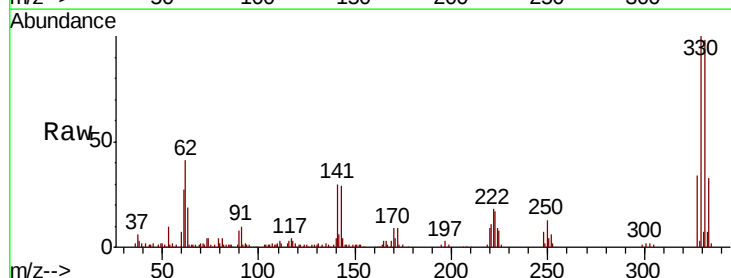
Tgt Ion:330 Resp: 104014

Ion Ratio Lower Upper

330 100

332 95.9 76.9 115.3

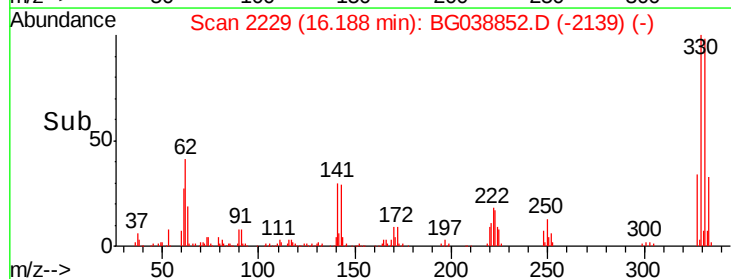
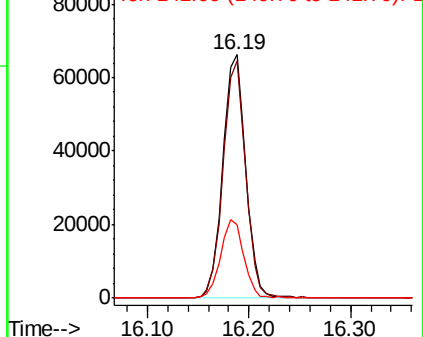
141 32.7 28.8 43.2

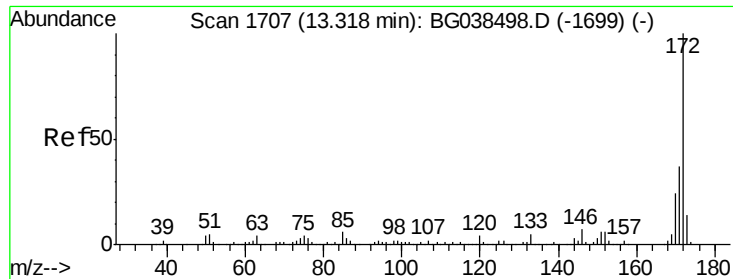


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

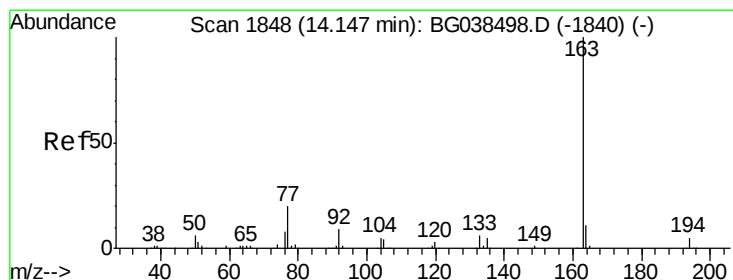
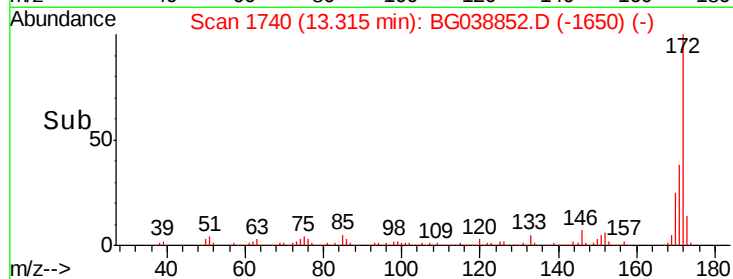
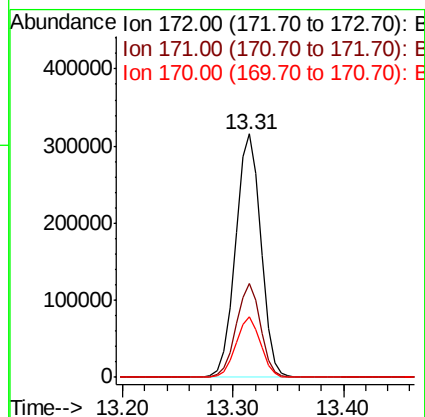
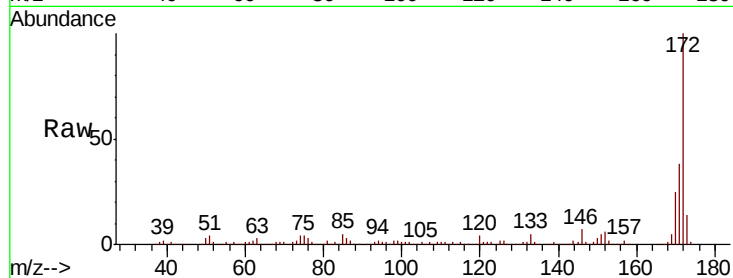




#45
 2-Fluorobiphenyl
 Concen: 82.800 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG038852.D
 Acq: 27 Dec 2018 20:37

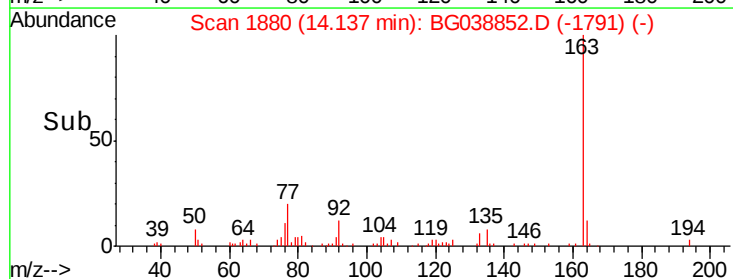
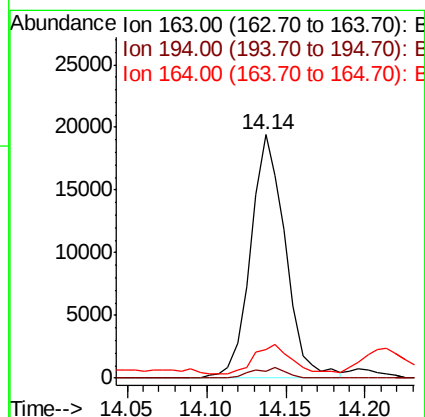
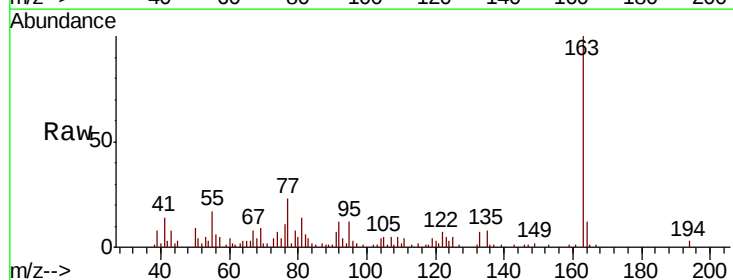
Instrument :
 BNA_G
 ClientSampleId :
 TW-1

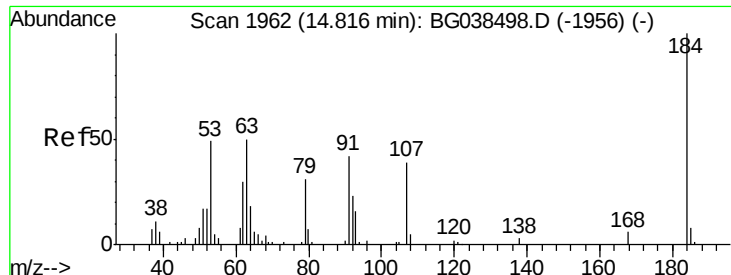
Tot Ion:172 Resp: 507605
 Ion Ratio Lower Upper
 172 100
 171 38.4 29.8 44.6
 170 24.7 19.5 29.3



#50
 Dimethylphthalate
 Concen: 4.308 ng
 RT: 14.14 min Scan# 1880
 Delta R.T. -0.01 min
 Lab File: BG038852.D
 Acq: 27 Dec 2018 20:37

Tgt Ion:163 Resp: 29587
 Ion Ratio Lower Upper
 163 100
 194 2.9 3.7 5.5#
 164 12.0 8.6 12.8

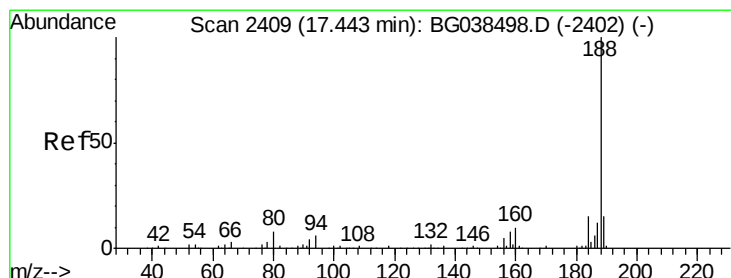
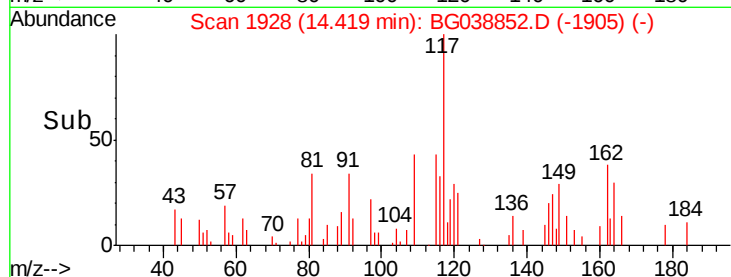
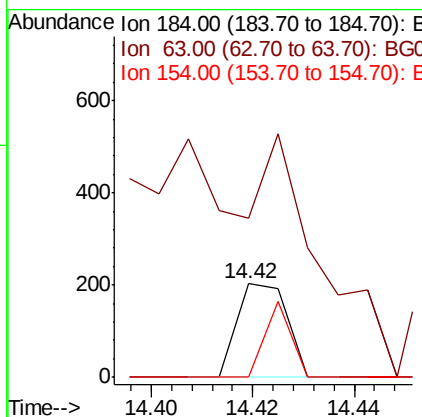
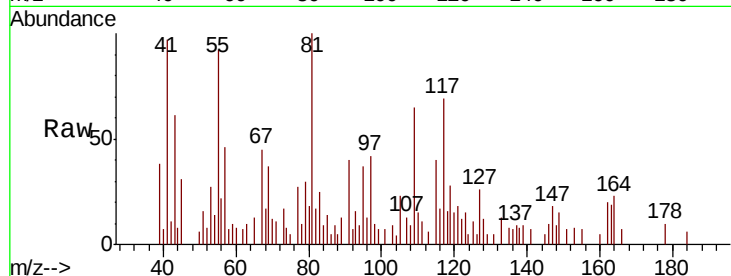




#54
 2,4-Dinitrophenol
 Concen: 5.322 ng
 RT: 14.42 min Scan# 1928
 Delta R.T. -0.40 min
 Lab File: BG038852.D
 Acq: 27 Dec 2018 20:37

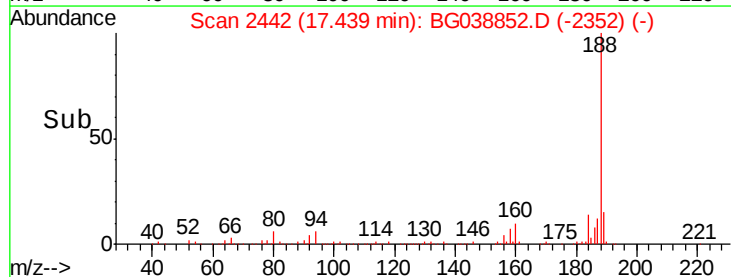
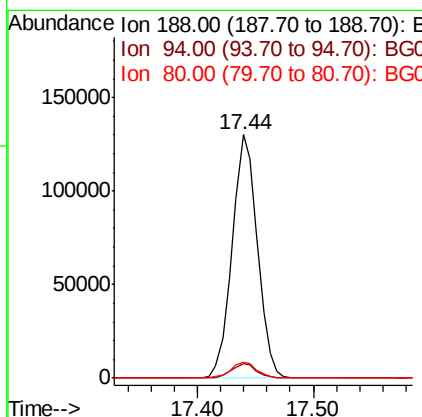
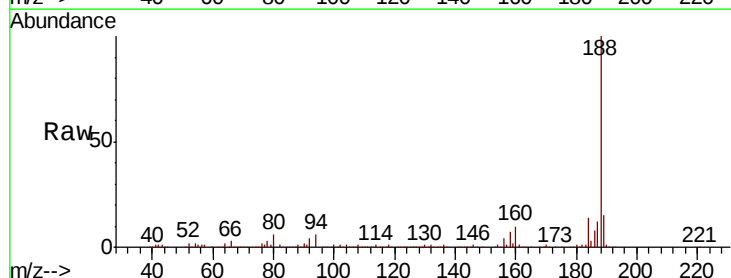
Instrument :
 BNA_G
 ClientSampleId :
 TW-1

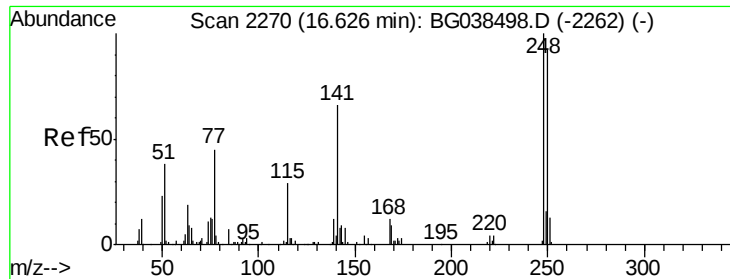
Tot Ion:184 Resp: 139
 Ion Ratio Lower Upper
 184 100
 63 170.8 47.0 70.6#
 154 0.0 50.3 75.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2442
 Delta R.T. -0.00 min
 Lab File: BG038852.D
 Acq: 27 Dec 2018 20:37

Tgt Ion:188 Resp: 196858
 Ion Ratio Lower Upper
 188 100
 94 5.8 5.1 7.7
 80 6.5 6.1 9.1

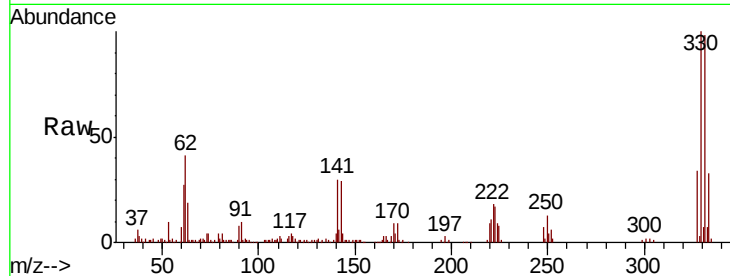




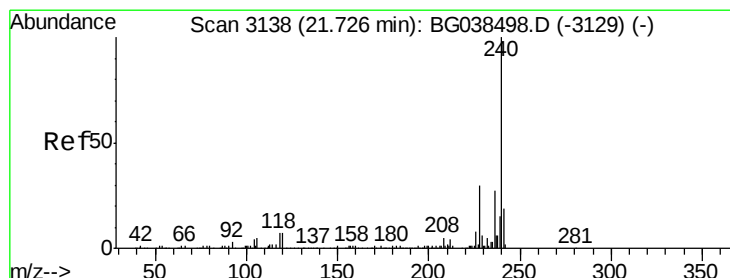
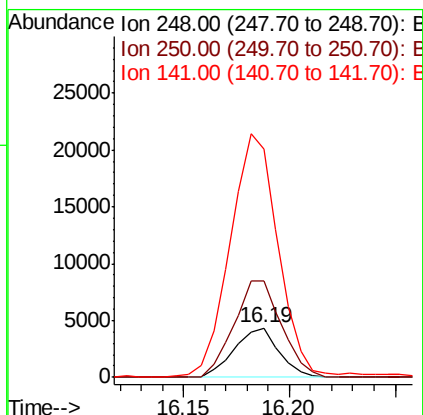
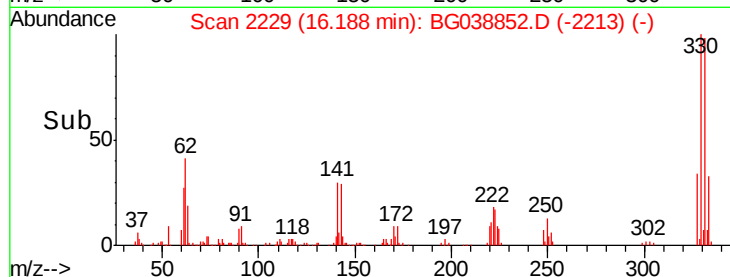
#67
 4-Bromophenyl-phenylether
 Concen: 2.661 ng
 RT: 16.19 min Scan# 2229
 Delta R.T. -0.44 min
 Lab File: BG038852.D
 Acq: 27 Dec 2018 20:37

Instrument :
 BNA_G
 ClientSampled :
 TW-1

Tot Ion:248 Resp: 6397
 Ion Ratio Lower Upper
 248 100
 250 192.1 73.4 110.2#
 141 356.8 52.9 79.3#

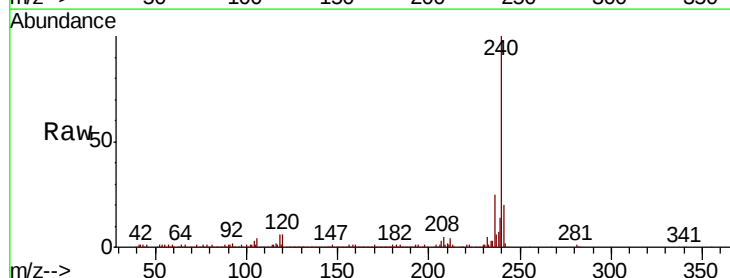


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

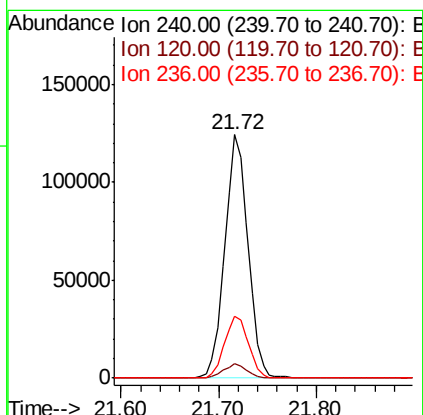
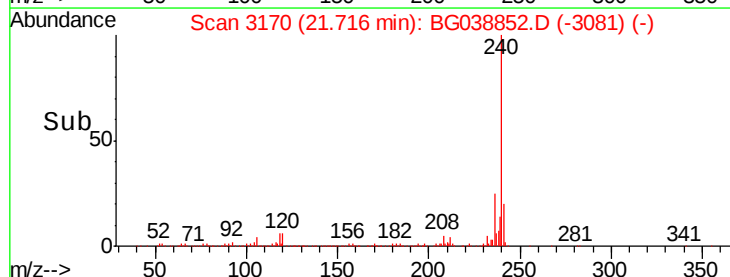


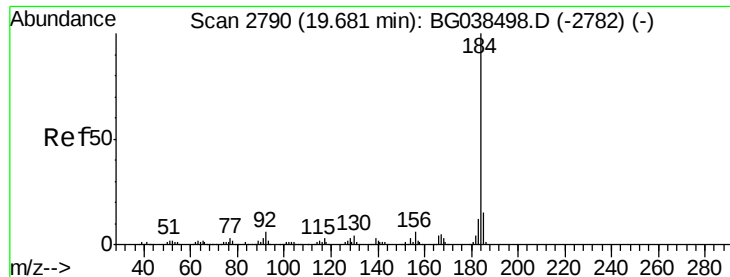
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3170
 Delta R.T. -0.01 min
 Lab File: BG038852.D
 Acq: 27 Dec 2018 20:37

Tgt Ion:240 Resp: 204234
 Ion Ratio Lower Upper
 240 100
 120 6.0 5.3 7.9
 236 25.2 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: 2.484 ng

RT: 20.04 min Scan# 2885

Delta R.T. 0.36 min

Lab File: BG038852.D

Acq: 27 Dec 2018 20:37

Instrument :

BNA_G

ClientSampleId :

TW-1

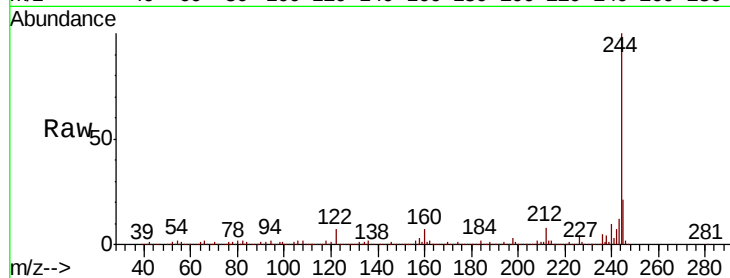
Tot Ion:184 Resp: 15002

Ion Ratio Lower Upper

184 100

185 18.2 12.2 18.2

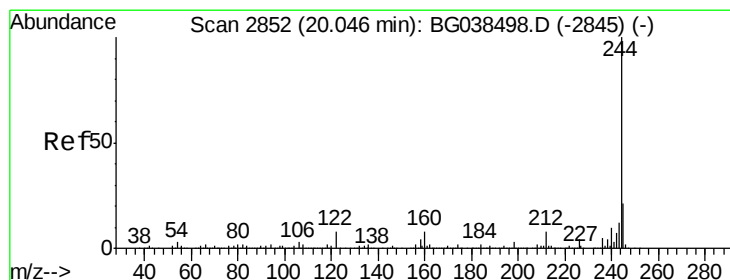
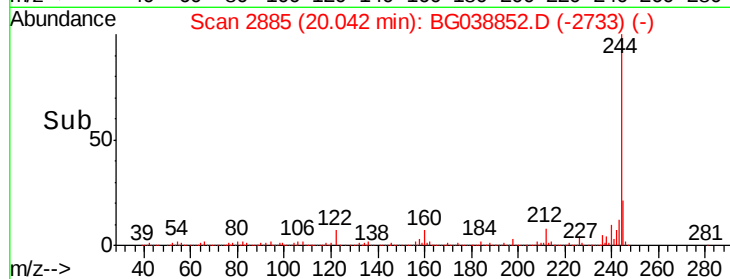
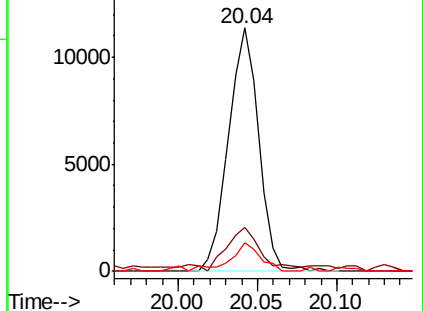
183 11.7 9.6 14.4



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: 90.762 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.00 min

Lab File: BG038852.D

Acq: 27 Dec 2018 20:37

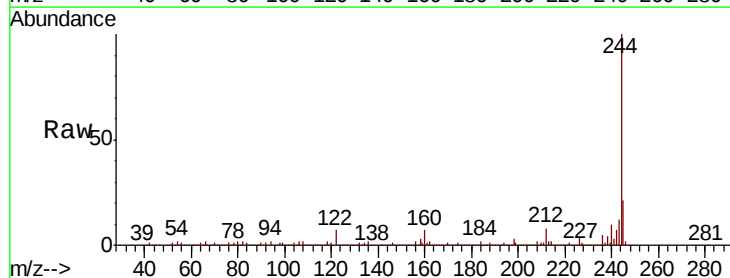
Tgt Ion:244 Resp: 851741

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

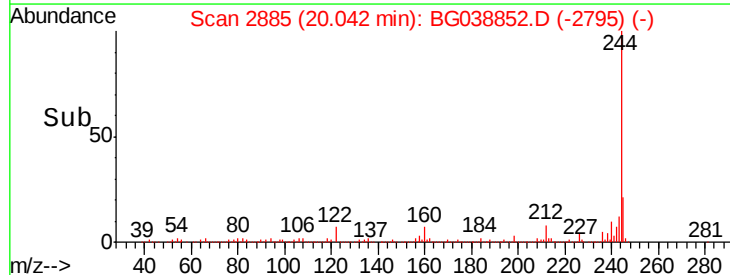
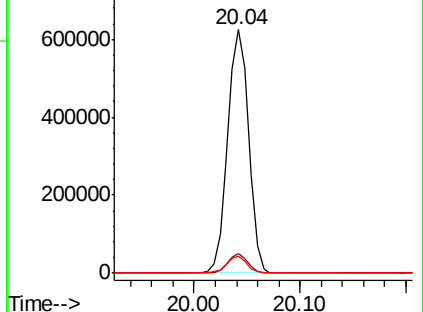
122 6.9 6.3 9.5

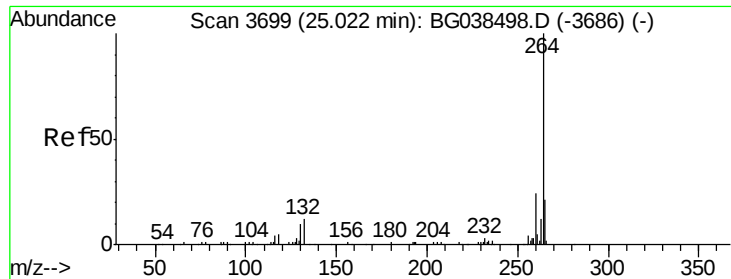


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlone-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3732
Delta R.T. -0.00 min
Lab File: BG038852.D
Acq: 27 Dec 2018 20:37

Instrument :
BNA_G
ClientSampleId :
TW-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.9	28.3
265	22.1	17.0	25.4

