

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 03:45:20 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

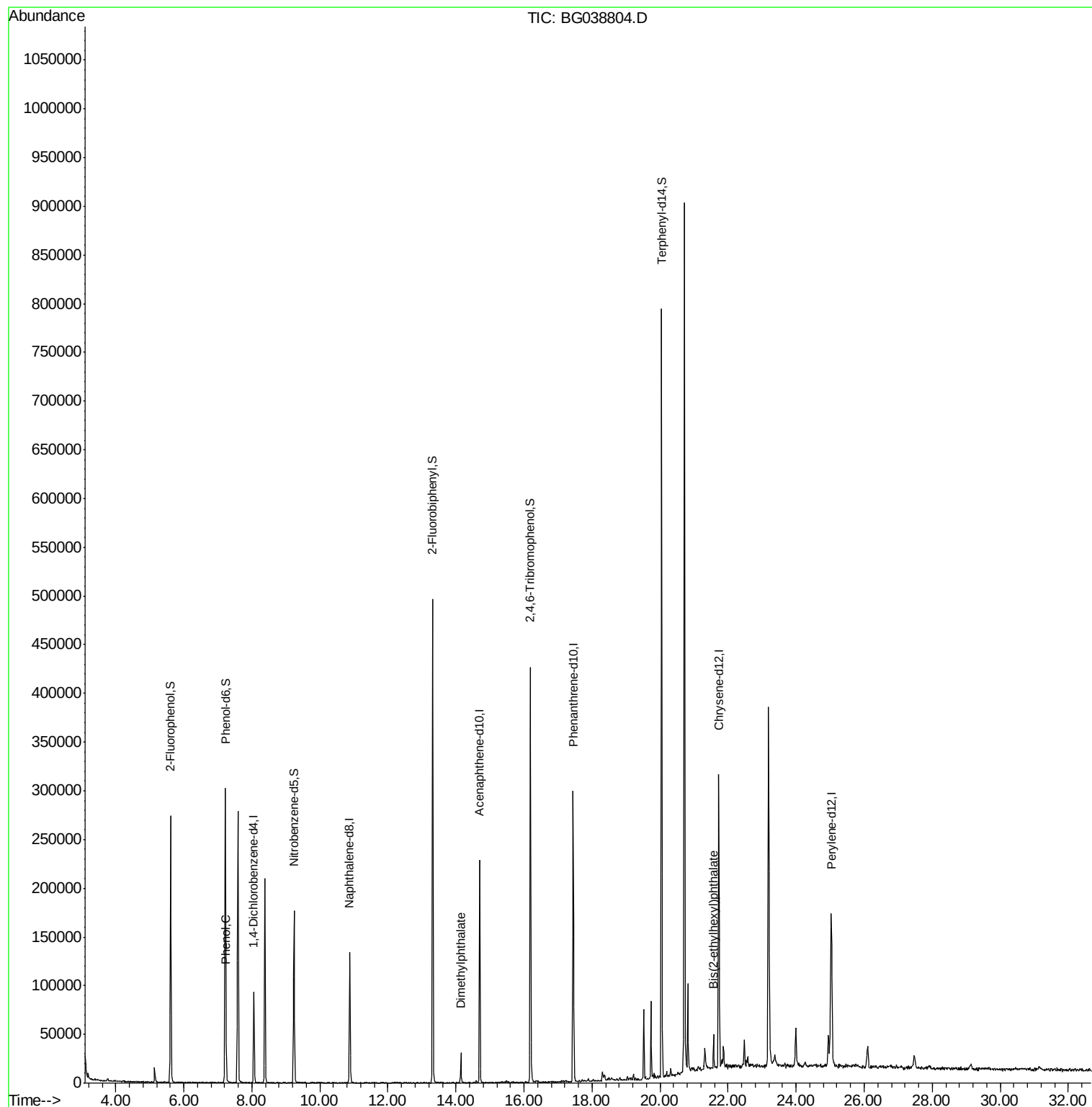
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	27808	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	122361	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	85131	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	197232	20.00	ng	0.00
76) Chrysene-d12	21.73	240	190108	20.00	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
50) Dimethylphthalate	14.14	163	23918	3.440	ng	98
84) Bis(2-ethylhexyl)phthalate	21.58	149	14736	2.118	ng	99

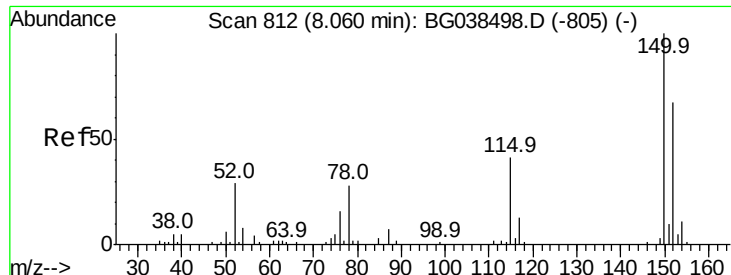
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

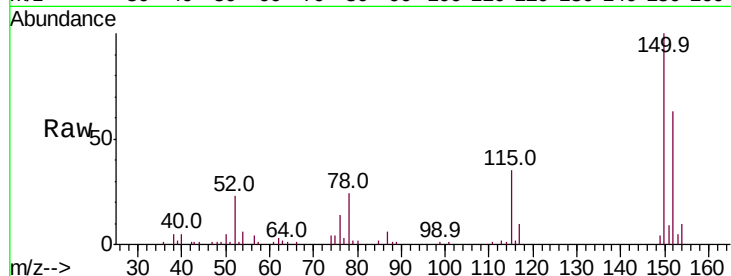
Tot Ion:152 Resp: 27808

Ion Ratio Lower Upper

152 100

150 157.6 119.5 179.3

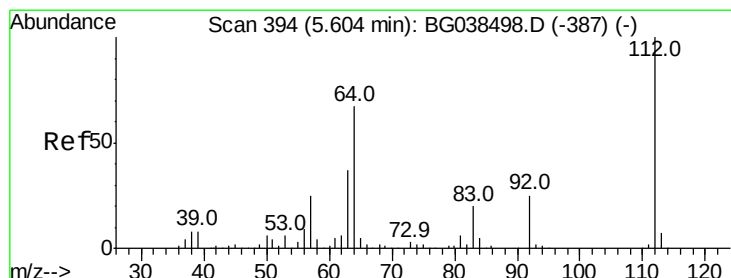
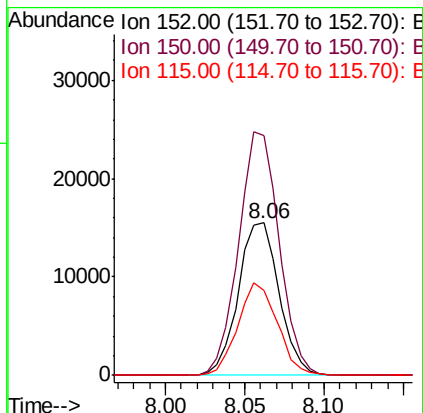
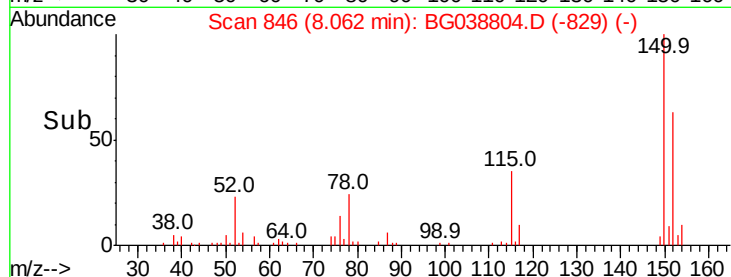
115 55.8 49.6 74.4



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

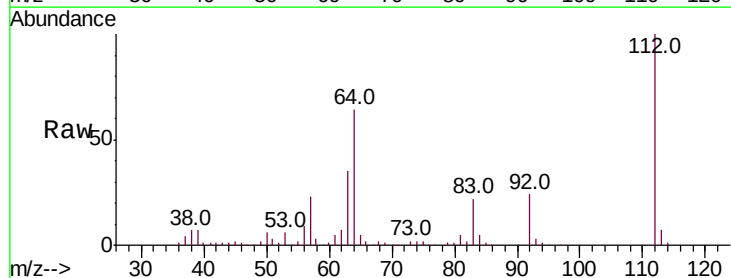
Tgt Ion:112 Resp: 121106

Ion Ratio Lower Upper

112 100

64 64.2 53.4 80.2

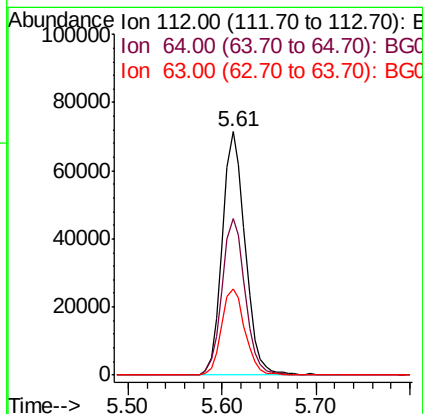
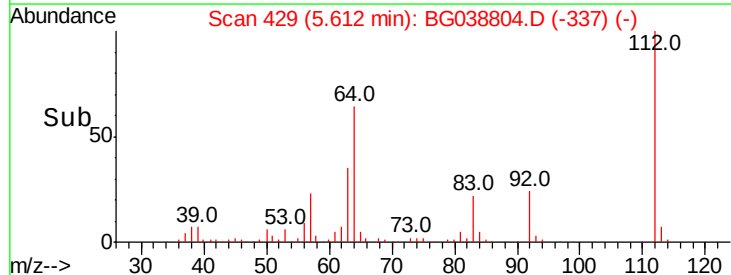
63 35.5 29.3 43.9

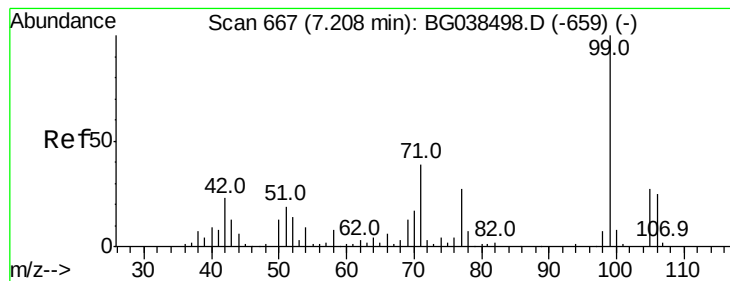


Abundance Ion 112.00 (111.70 to 112.70): E

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

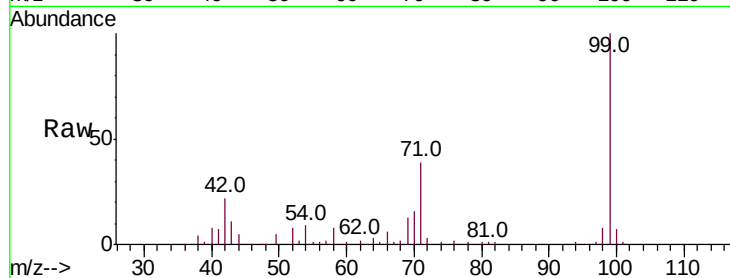
Tot Ion: 99 Resp: 179066

Ion Ratio Lower Upper

99 100

42 22.0 18.5 27.7

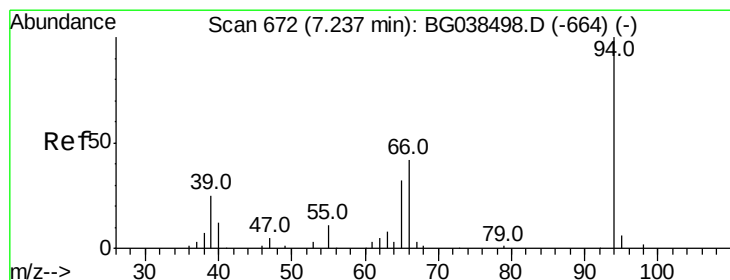
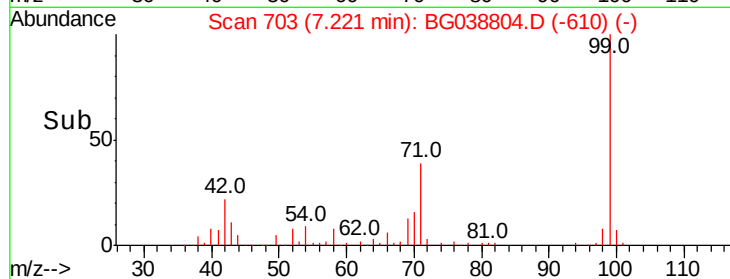
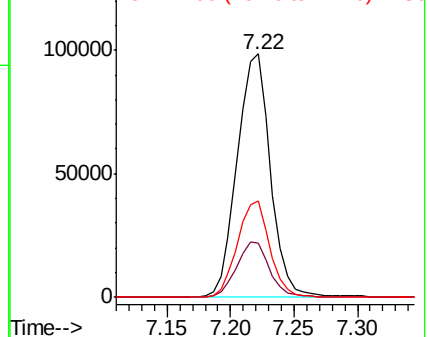
71 39.4 31.1 46.7



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

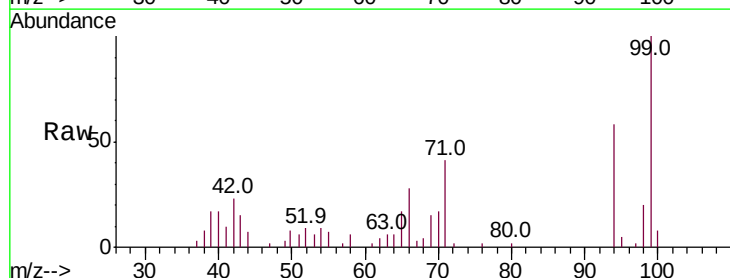
Tgt Ion: 94 Resp: 8218

Ion Ratio Lower Upper

94 100

65 29.0 12.6 52.6

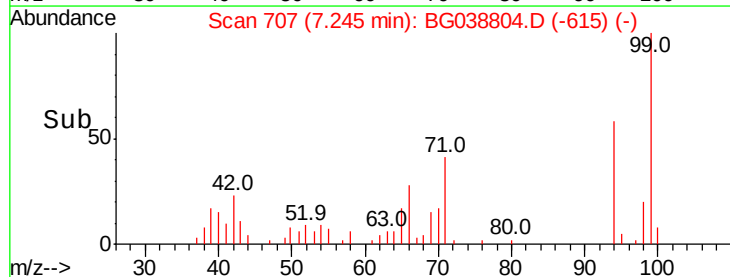
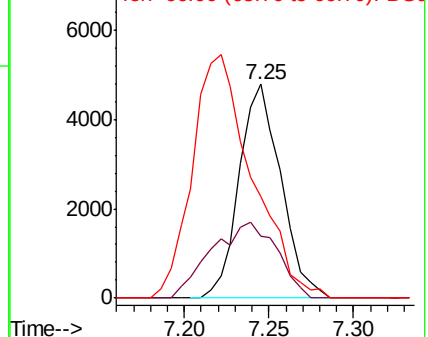
66 47.3 24.1 64.1

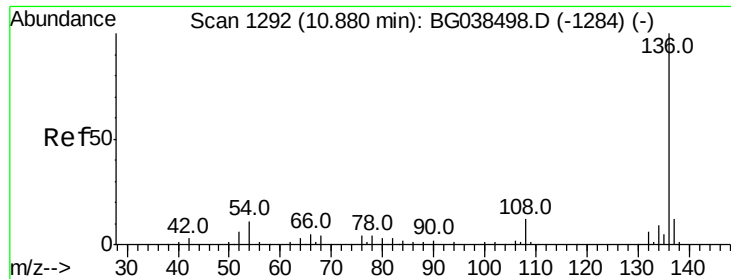


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

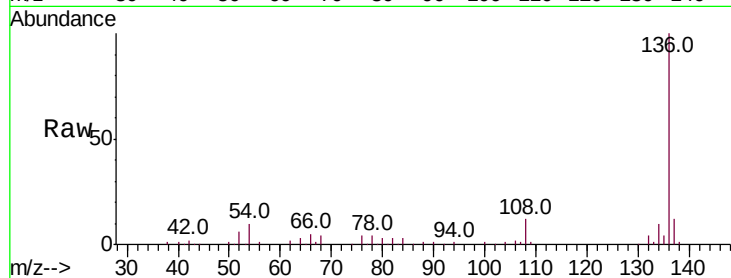




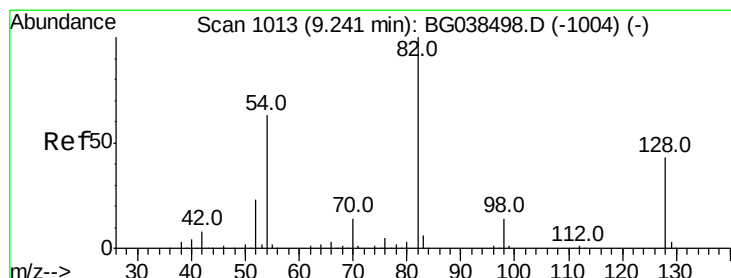
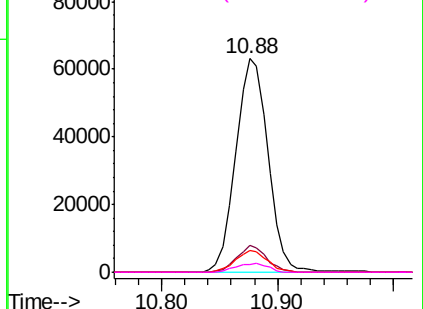
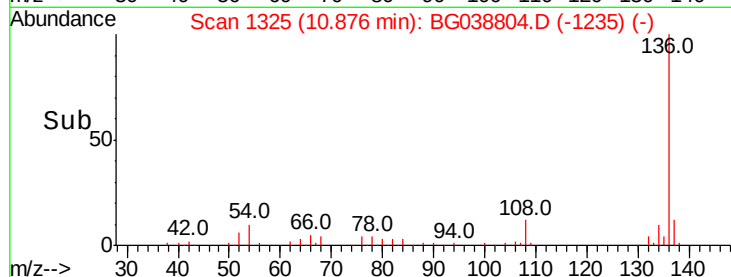
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BG038804.D
Acq: 22 Dec 2018 2:40

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

Tot 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

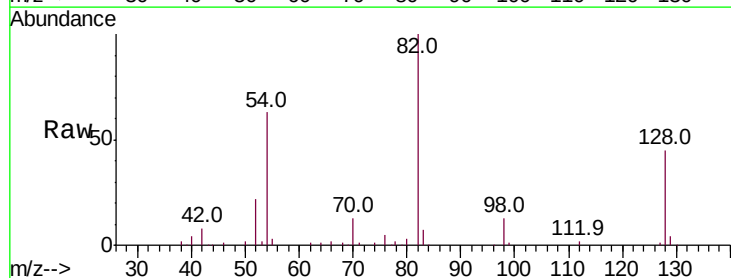


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

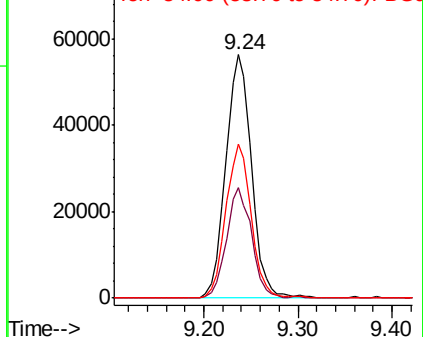
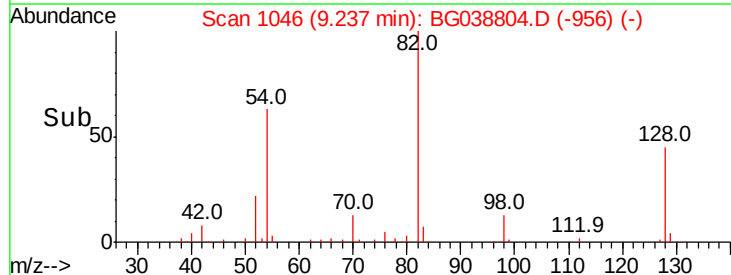


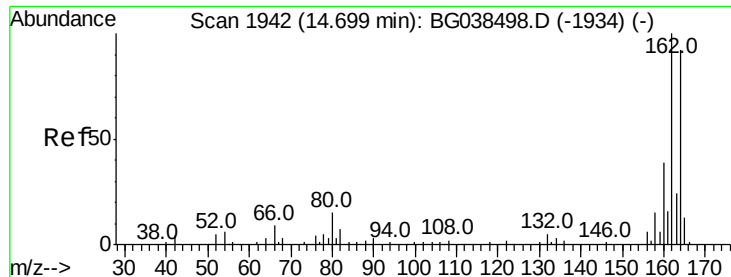
#23
Nitrobenzene-d5
Concen: 44.794 ng
RT: 9.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BG038804.D
Acq: 22 Dec 2018 2:40

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



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





#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

Instrument :

BNA_G

ClientSampleId :

SB-60(0-23)-COMP

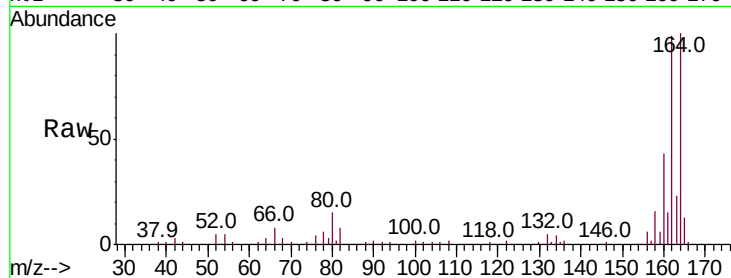
Tot Ion:164 Resp: 85131

Ion Ratio Lower Upper

164 100

162 99.0 86.6 130.0

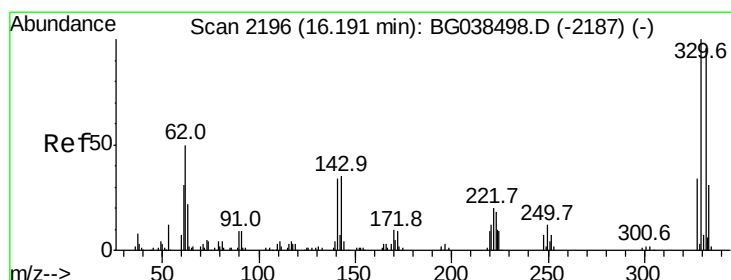
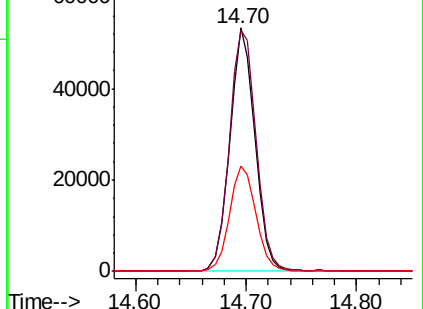
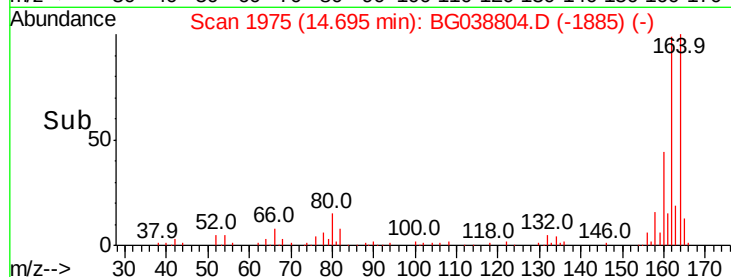
160 43.5 34.2 51.2



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: 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

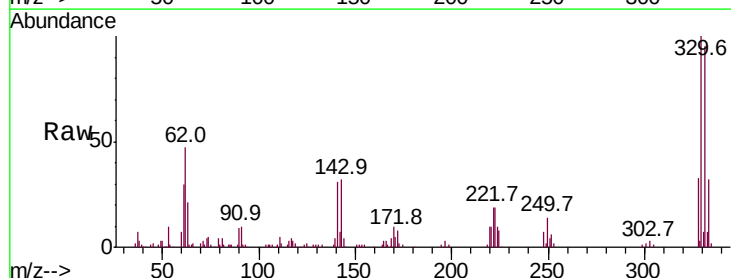
Tgt Ion:330 Resp: 90287

Ion Ratio Lower Upper

330 100

332 94.7 76.9 115.3

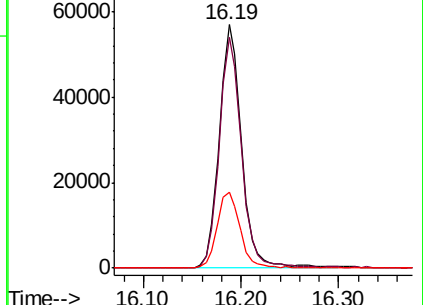
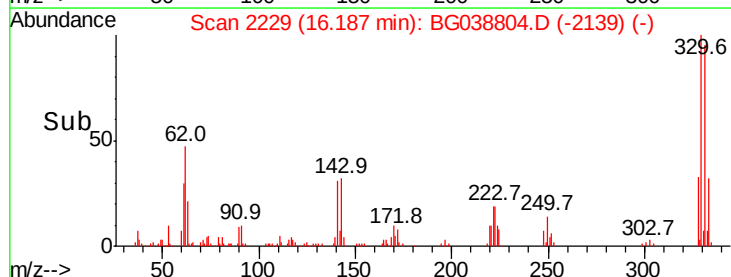
141 32.2 28.8 43.2

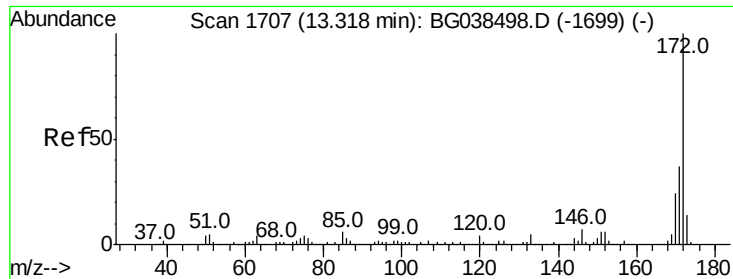


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

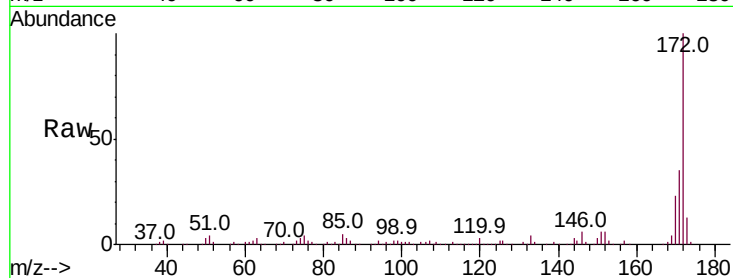




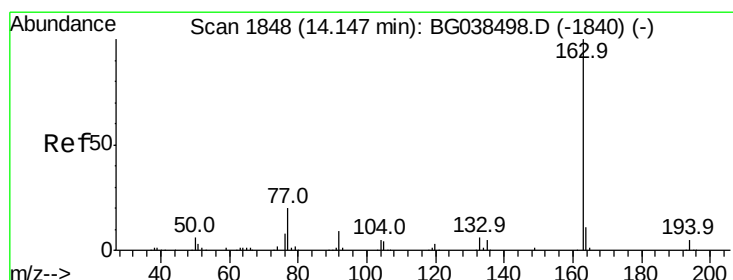
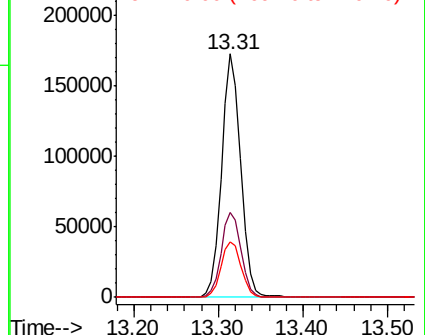
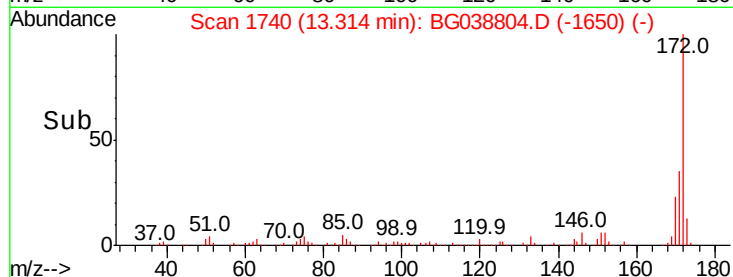
#45
 2-Fluorobiphenyl
 Concen: 43.998 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG038804.D
 Acq: 22 Dec 2018 2:40

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

Tot Ion:172 Resp: 273030
 Ion Ratio Lower Upper
 172 100
 171 34.9 29.8 44.6
 170 22.8 19.5 29.3

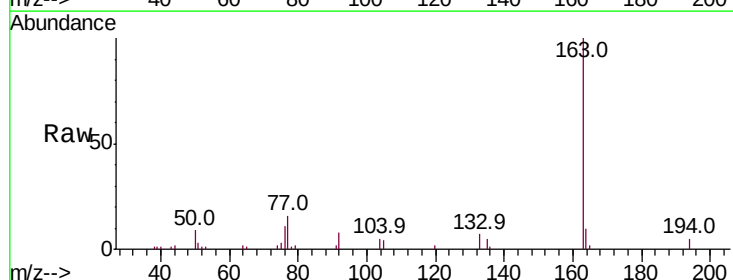


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

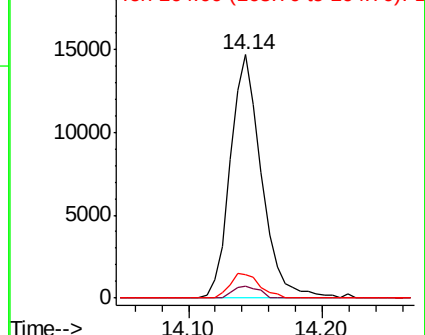
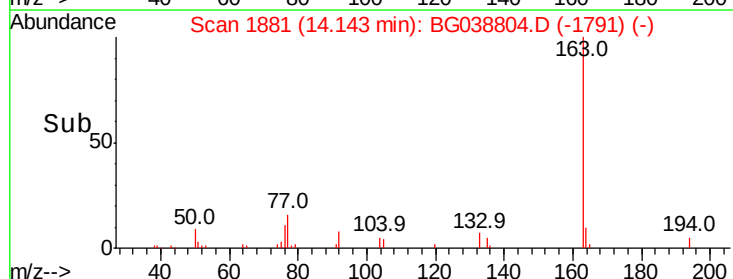


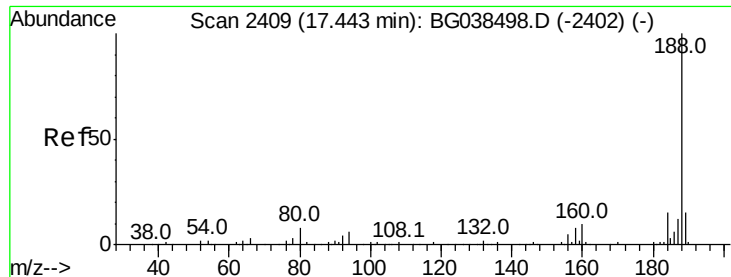
#50
 Dimethylphthalate
 Concen: 3.440 ng
 RT: 14.14 min Scan# 1881
 Delta R.T. -0.00 min
 Lab File: BG038804.D
 Acq: 22 Dec 2018 2:40

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

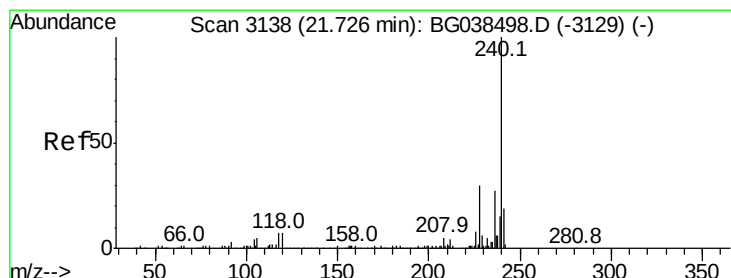
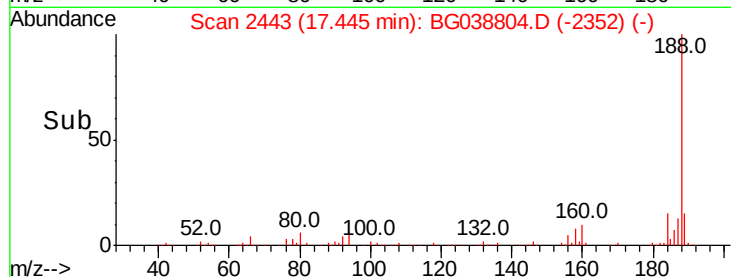
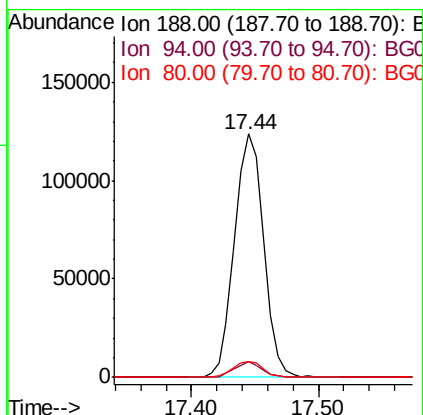
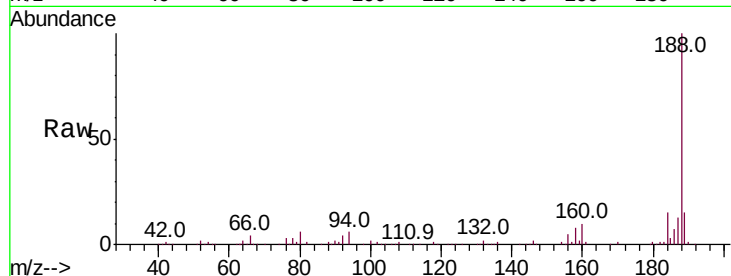




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. 0.00 min
Lab File: BG038804.D
Acq: 22 Dec 2018 2:40

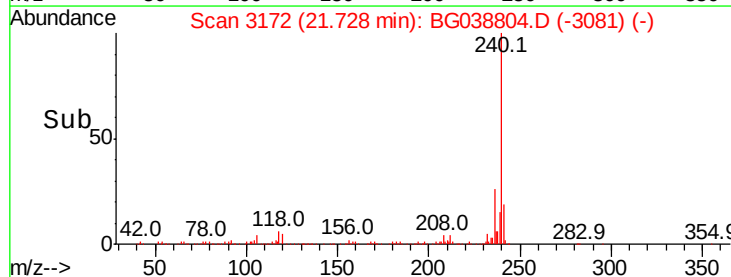
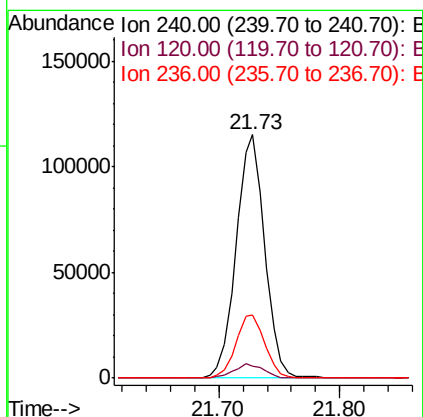
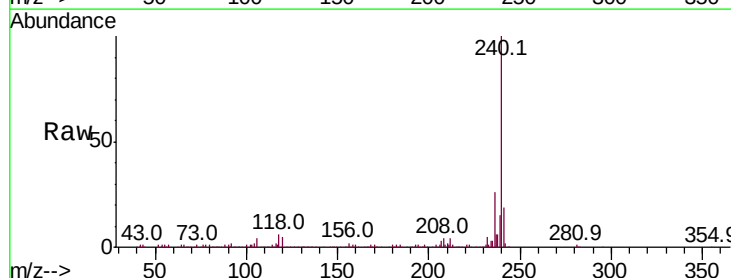
Instrument :
BNA_G
ClientSampleId :
SB-60(0-23)-COMP

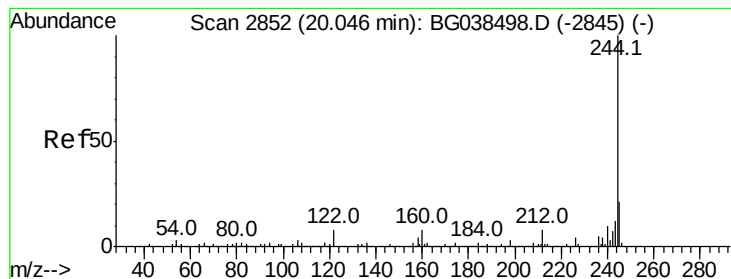
Tot Ion:188 Resp: 197232
Ion Ratio Lower Upper
188 100
94 6.3 5.1 7.7
80 6.4 6.1 9.1



#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





#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

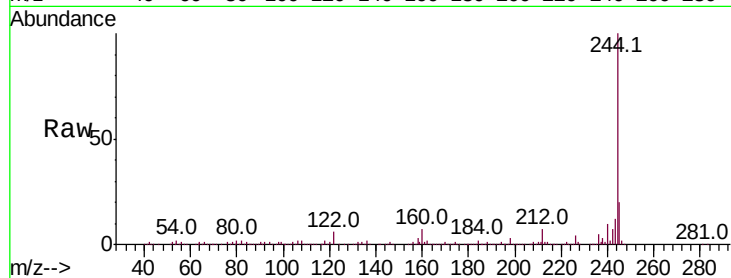
Tot Ion:244 Resp: 406960

Ion Ratio Lower Upper

244 100

212 7.1 6.2 9.2

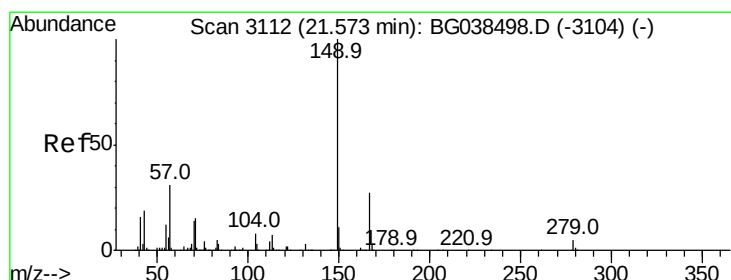
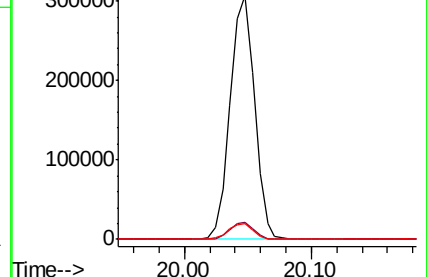
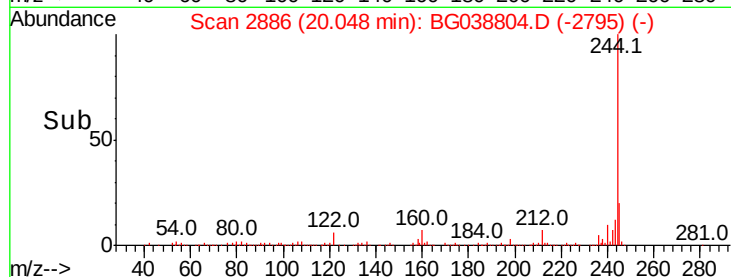
122 6.5 6.3 9.5



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

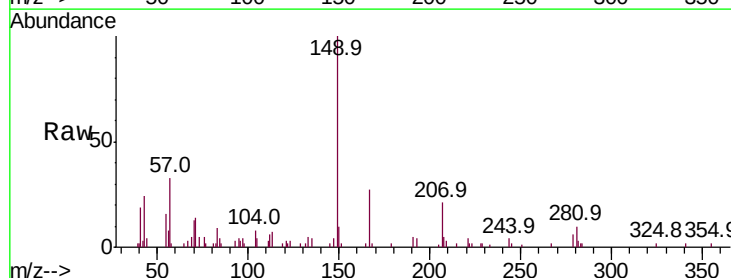
Tgt Ion:149 Resp: 14736

Ion Ratio Lower Upper

149 100

167 26.9 21.9 32.9

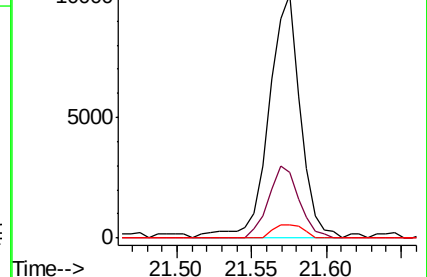
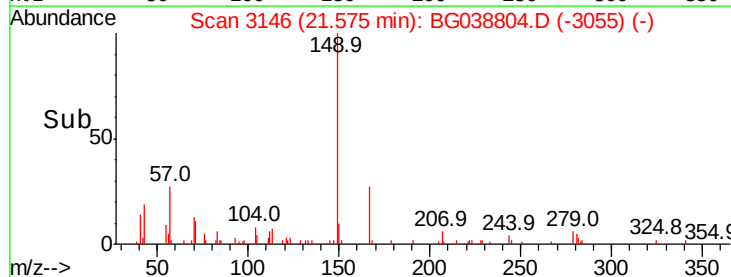
279 5.6 4.2 6.2

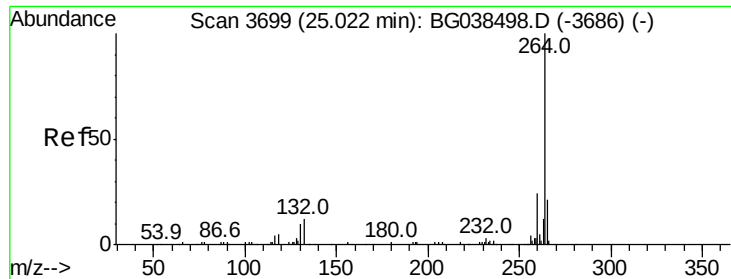


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#87
 Pervlene-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

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

