

Data File : BG038813.D
Acq On : 22 Dec 2018 11:57
Operator : JU/SJ
Sample : J6505-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-58(0-23)-COMP

Quant Time: Dec 24 03:54:58 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	25624	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	108388	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	73461	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	169296	20.00	ng	0.00
76) Chrysene-d12	21.72	240	158377	20.00	ng	0.00
87) Perylene-d12	25.03	264	174549	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	212415	147.03	ng	0.01
7) Phenol-d6	7.22	99	305767	154.17	ng	0.02
23) Nitrobenzene-d5	9.24	82	190519	89.80	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	167043	164.99	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	518741	96.87	ng	0.00
79) Terphenyl-d14	20.05	244	807137	110.91	ng	0.00

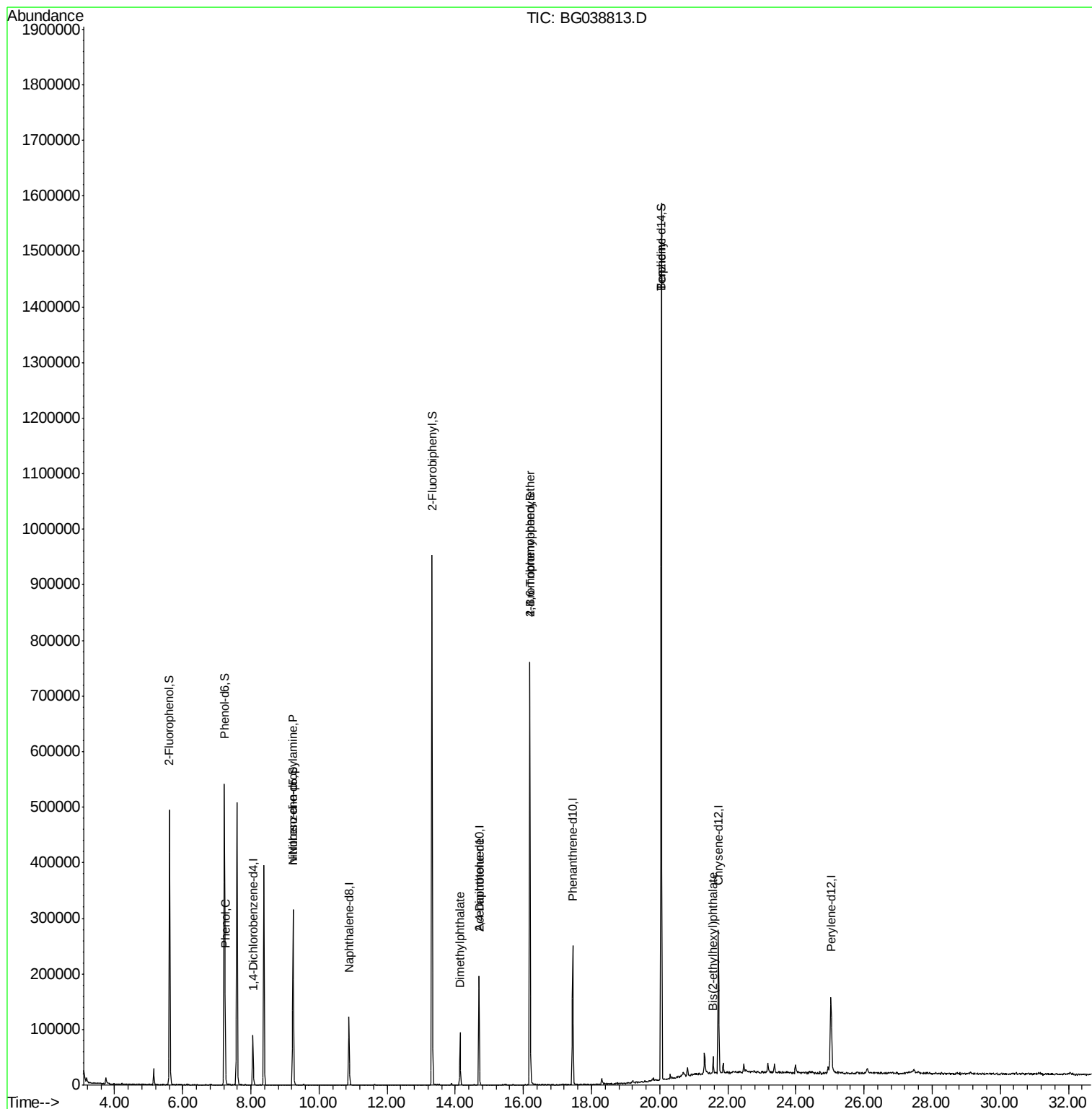
Target Compounds				Qvalue		
10) Phenol	7.25	94	20610	9.781	ng	91
19) n-Nitroso-di-n-propylamine	9.23	70	26624	19.113	ng	# 62
50) Dimethylphthalate	14.14	163	66548	11.093	ng	98
57) 2,4-Dinitrotoluene	14.70	165	9566	4.996	ng	# 21
67) 4-Bromophenyl-phenylether	16.19	248	10824	5.235	ng	# 1
77) Benzidine	20.05	184	13855	2.958	ng	# 94
84) Bis(2-ethylhexyl)phthalate	21.57	149	13567	2.340	ng	# 99

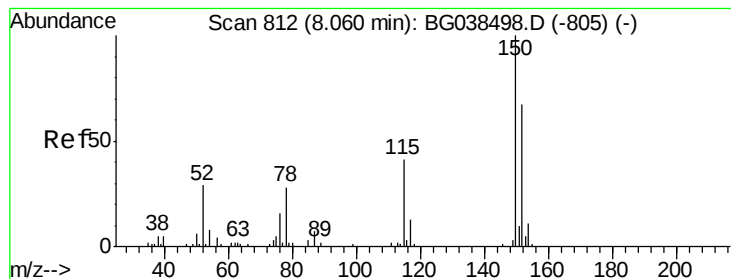
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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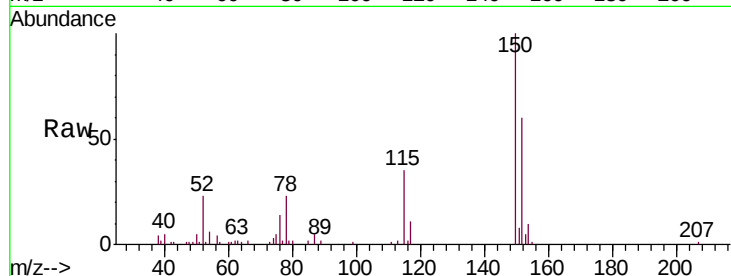


#1

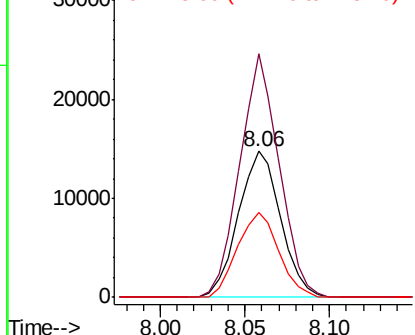
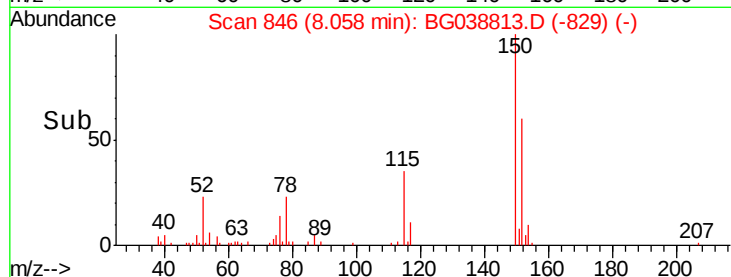
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038813.D
Acq: 22 Dec 2018 11:57

Instrument :
BNA_G
ClientSampleId :
SB-58(0-23)-COMP

Tgt Ion:152 Resp: 25624
Ion Ratio Lower Upper
152 100
150 166.7 119.5 179.3
115 57.7 49.6 74.4



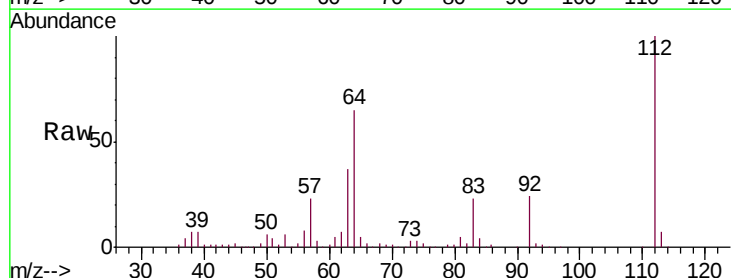
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



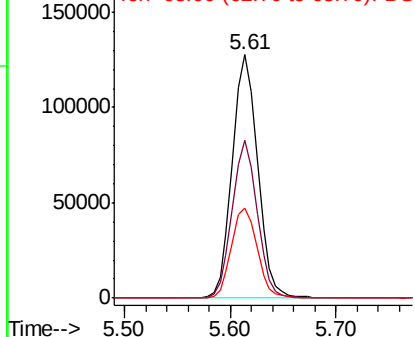
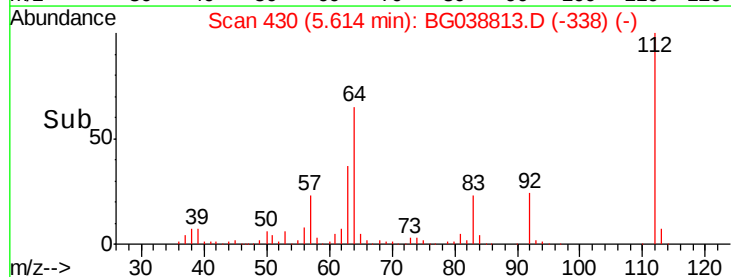
#5

2-Fluorophenol
Concen: 147.030 ng
RT: 5.61 min Scan# 430
Delta R.T. 0.01 min
Lab File: BG038813.D
Acq: 22 Dec 2018 11:57

Tgt Ion:112 Resp: 212415
Ion Ratio Lower Upper
112 100
64 64.7 53.4 80.2
63 37.1 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: 154.171 ng

RT: 7.22 min Scan# 704

Delta R.T. 0.02 min

Lab File: BG038813.D

Acq: 22 Dec 2018 11:57

Instrument :

BNA_G

ClientSampleId :

SB-58(0-23)-COMP

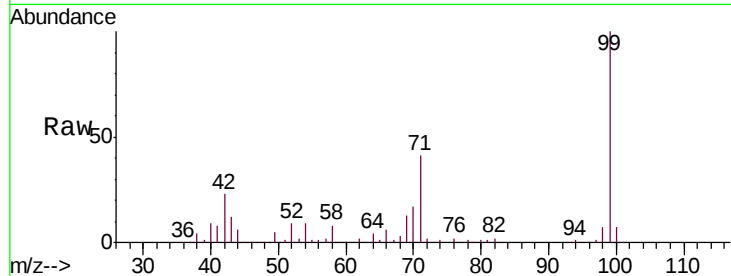
Tgt Ion: 99 Resp: 305767

Ion Ratio Lower Upper

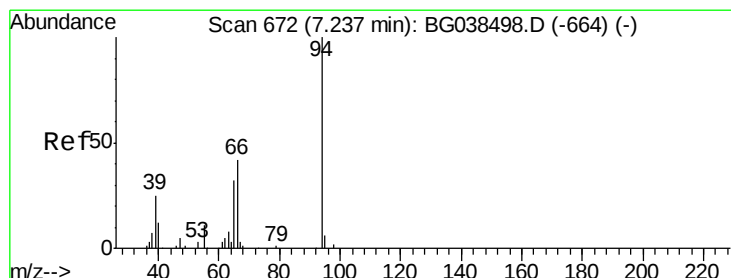
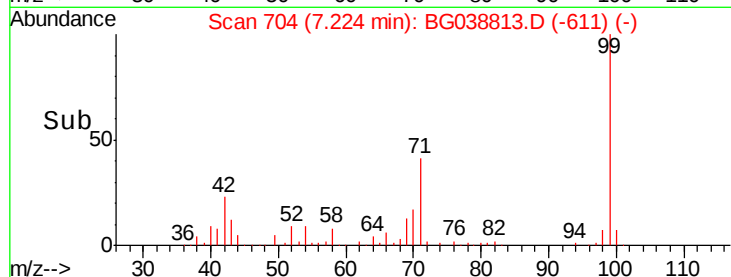
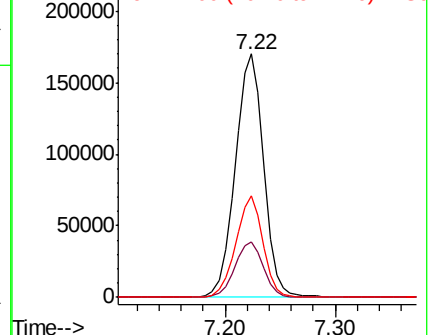
99 100

42 22.5 18.5 27.7

71 41.5 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: 9.781 ng

RT: 7.25 min Scan# 708

Delta R.T. 0.01 min

Lab File: BG038813.D

Acq: 22 Dec 2018 11:57

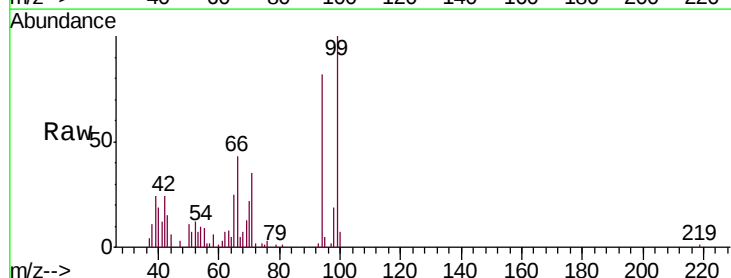
Tgt Ion: 94 Resp: 20610

Ion Ratio Lower Upper

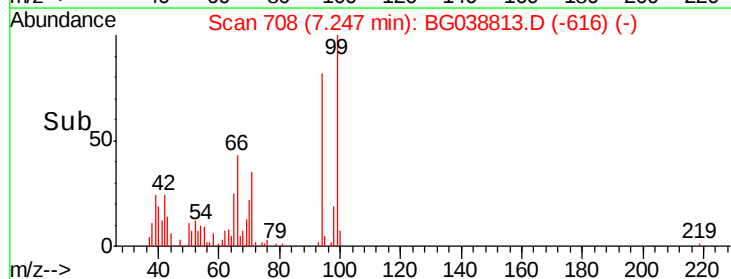
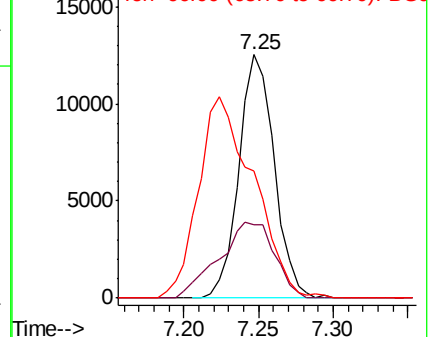
94 100

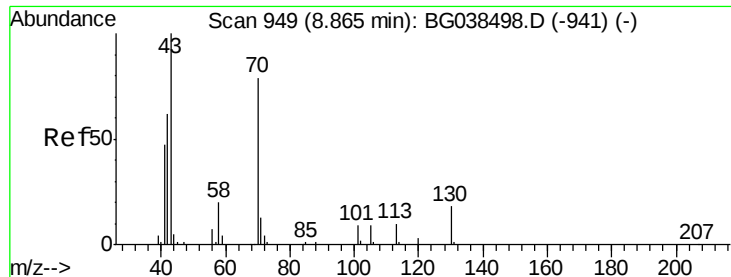
65 30.0 12.6 52.6

66 52.2 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

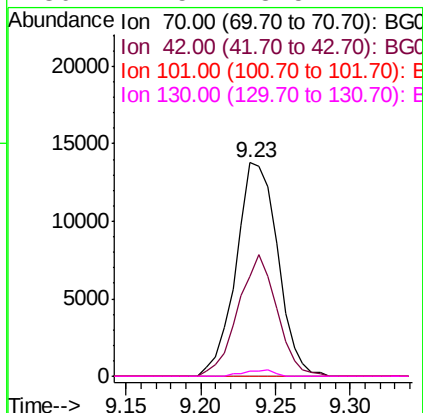
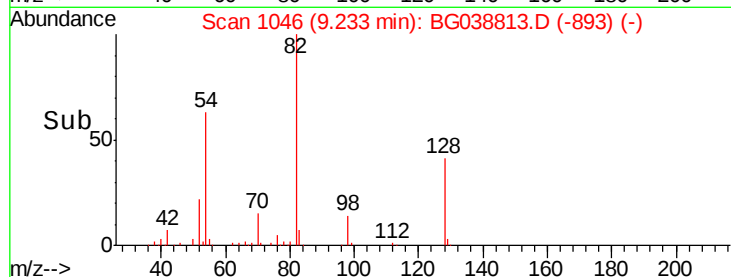
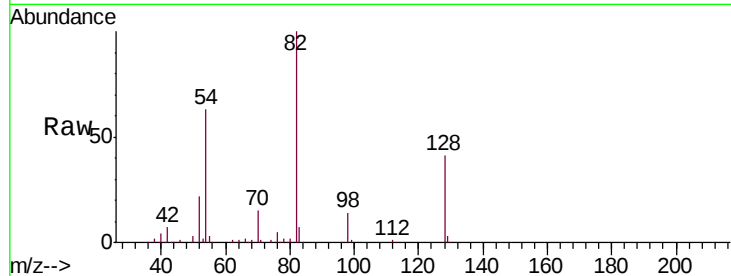




#19
n-Nitroso-di-n-propylamine
Concen: 19.113 ng
RT: 9.23 min Scan# 1046
Delta R.T. 0.37 min
Lab File: BG038813.D
Acq: 22 Dec 2018 11:57

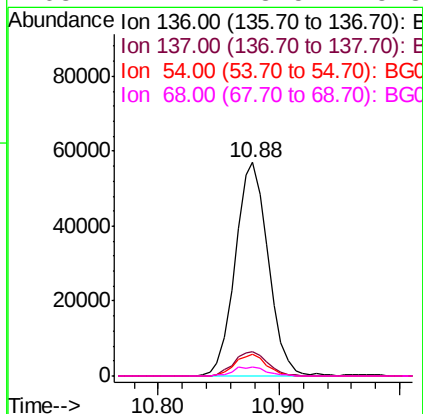
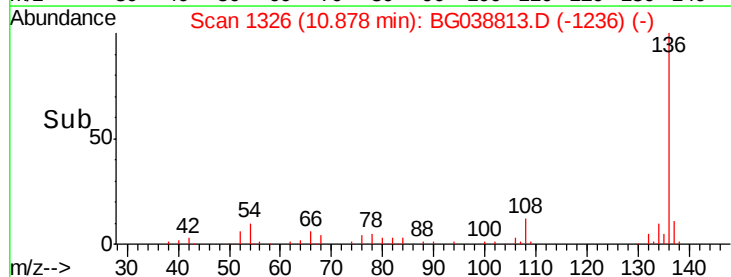
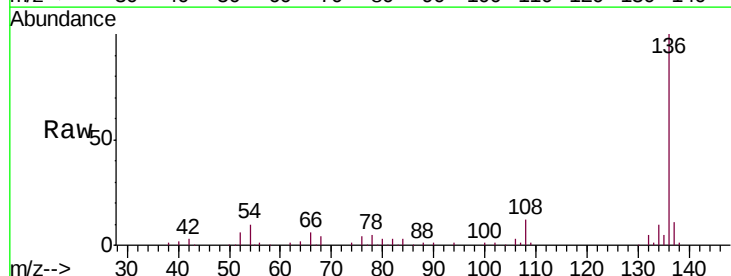
Instrument :
BNA_G
ClientSampleId :
SB-58(0-23)-COMP

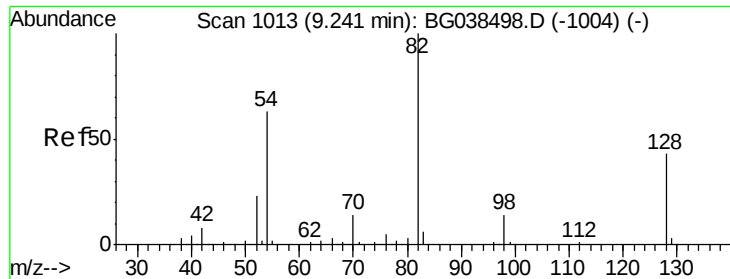
Tgt Ion: 70 Resp: 26624
Ion Ratio Lower Upper
70 100
42 46.7 63.6 95.4#
101 0.0 9.2 13.8#
130 2.5 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038813.D
Acq: 22 Dec 2018 11:57

Tgt Ion: 136 Resp: 108388
Ion Ratio Lower Upper
136 100
137 11.4 9.3 13.9
54 10.1 8.5 12.7
68 4.1 3.5 5.3

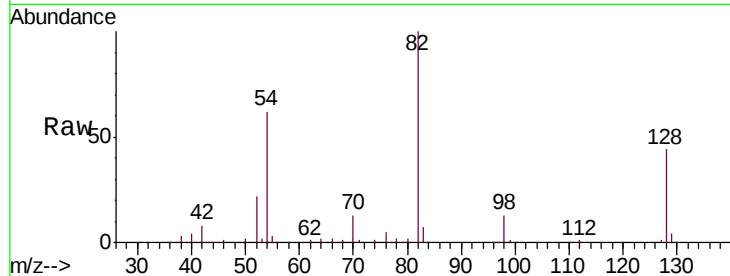




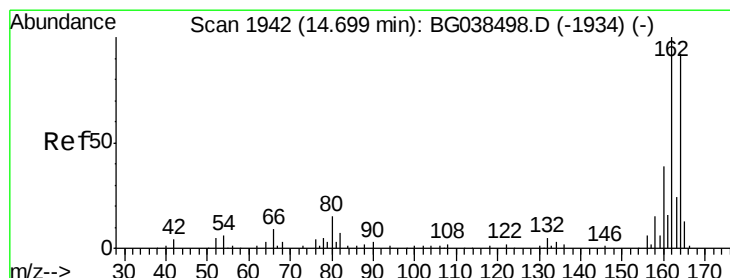
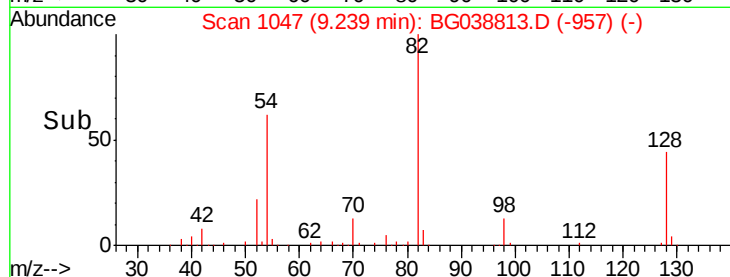
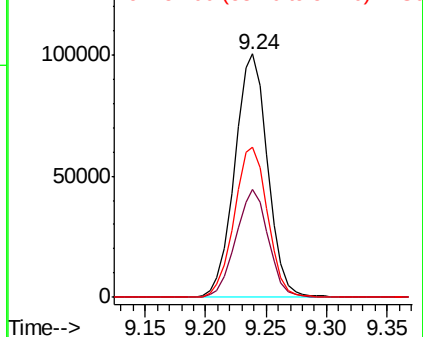
#23
Nitrobenzene-d5
Concen: 89.798 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG038813.D
Acq: 22 Dec 2018 11:57

Instrument :
BNA_G
ClientSampleId :
SB-58(0-23)-COMP

Tgt Ion: 82 Resp: 190519
Ion Ratio Lower Upper
82 100
128 44.2 34.6 52.0
54 61.8 50.6 76.0

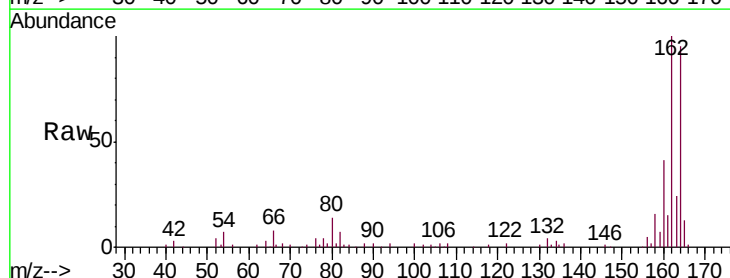


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

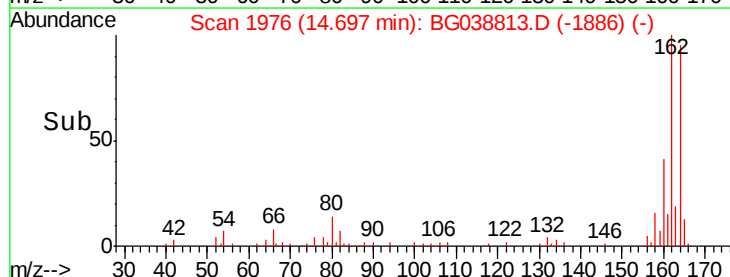
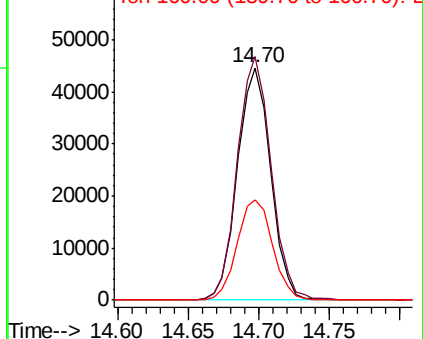


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG038813.D
Acq: 22 Dec 2018 11:57

Tgt Ion: 164 Resp: 73461
Ion Ratio Lower Upper
164 100
162 104.7 86.6 130.0
160 43.0 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

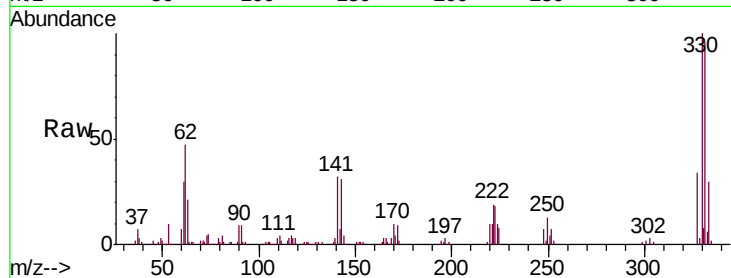




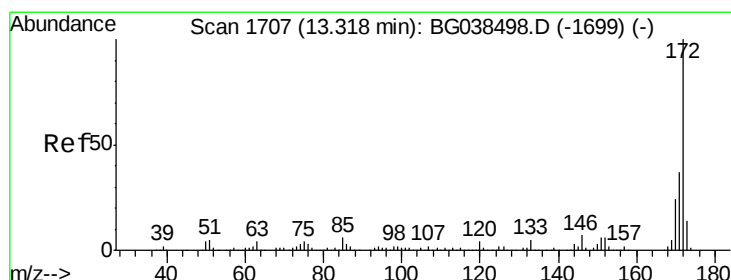
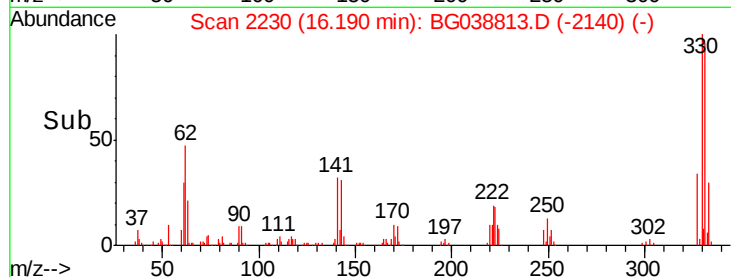
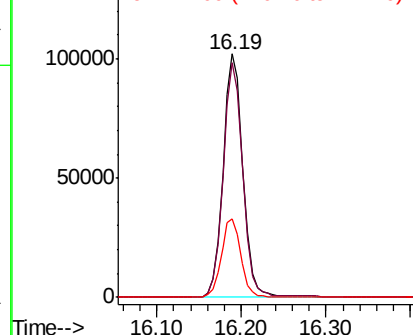
#42
 2,4,6-Tribromophenol
 Concen: 164.993 ng
 RT: 16.19 min Scan# 2230
 Delta R.T. -0.00 min
 Lab File: BG038813.D
 Acq: 22 Dec 2018 11:57

Instrument :
 BNA_G
 ClientSampleId :
 SB-58(0-23)-COMP

Tgt Ion:330 Resp: 167043
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.9 115.3
 141 32.0 28.8 43.2

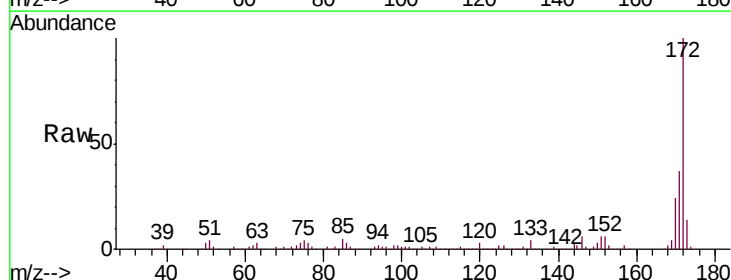


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

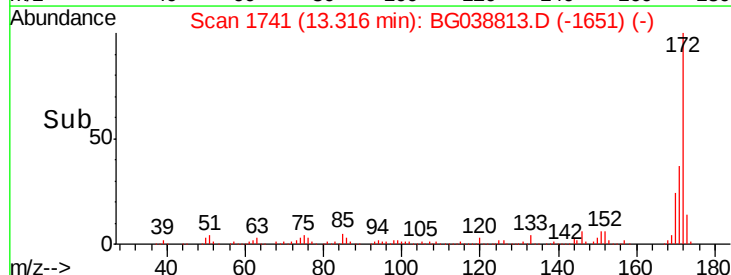
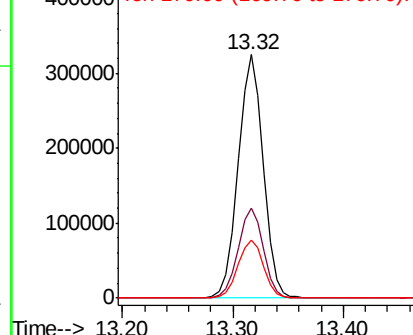


#45
 2-Fluorobiphenyl
 Concen: 96.872 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG038813.D
 Acq: 22 Dec 2018 11:57

Tgt Ion:172 Resp: 518741
 Ion Ratio Lower Upper
 172 100
 171 36.8 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: 11.093 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BG038813.D

Acq: 22 Dec 2018 11:57

Instrument :

BNA_G

ClientSampleId :

SB-58(0-23)-COMP

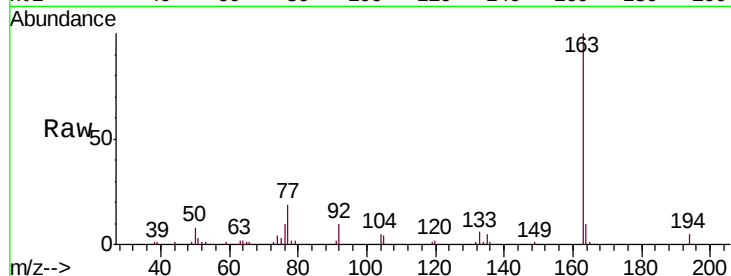
Tgt Ion:163 Resp: 66548

Ion Ratio Lower Upper

163 100

194 5.0 3.7 5.5

164 10.0 8.6 12.8

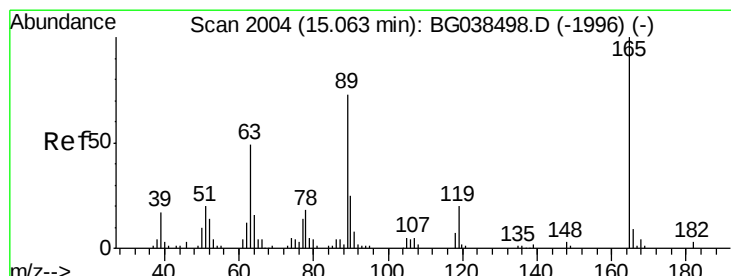
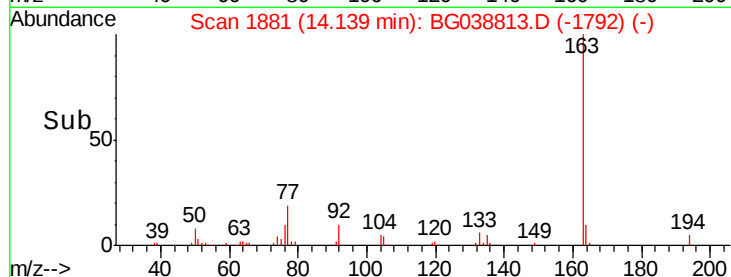
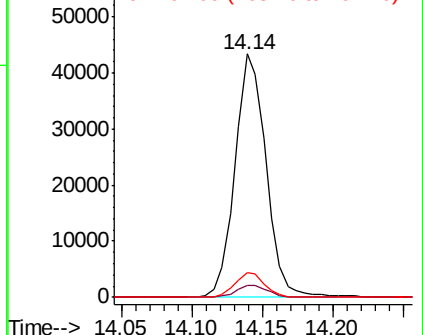


Abundance

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



#57

2,4-Dinitrotoluene

Concen: 4.996 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.37 min

Lab File: BG038813.D

Acq: 22 Dec 2018 11:57

Tgt Ion:165 Resp: 9566

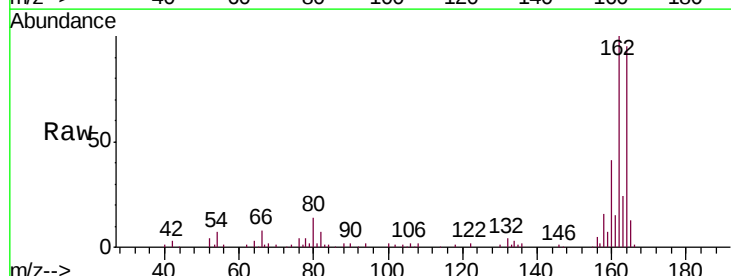
Ion Ratio Lower Upper

165 100

63 0.0 39.0 58.4#

89 0.0 58.0 87.0#

182 0.0 2.3 3.5#



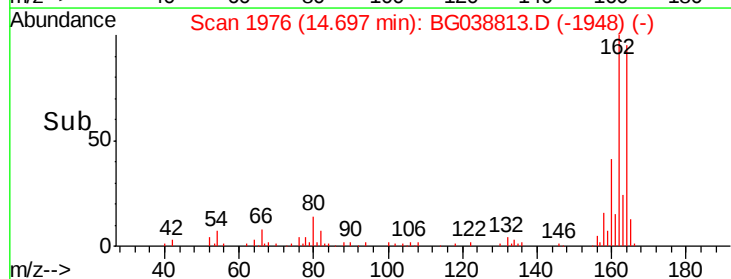
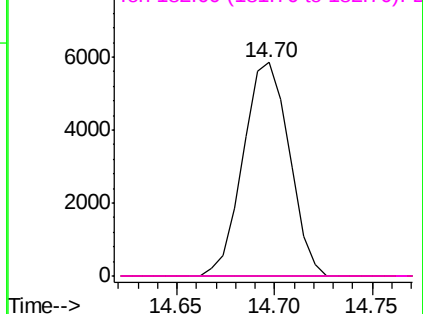
Abundance

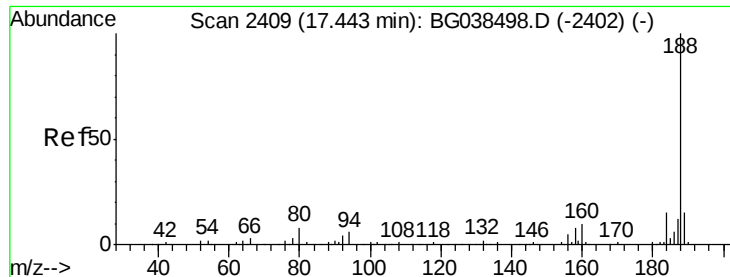
Ion 165.00 (164.70 to 165.70): E

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

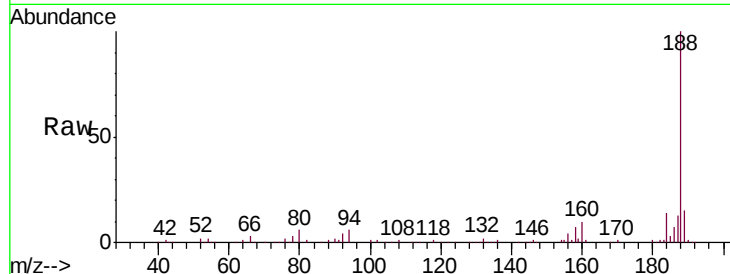




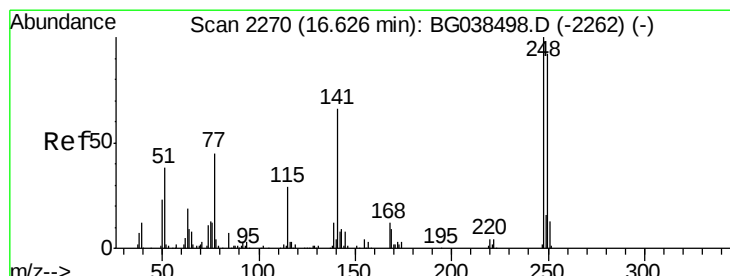
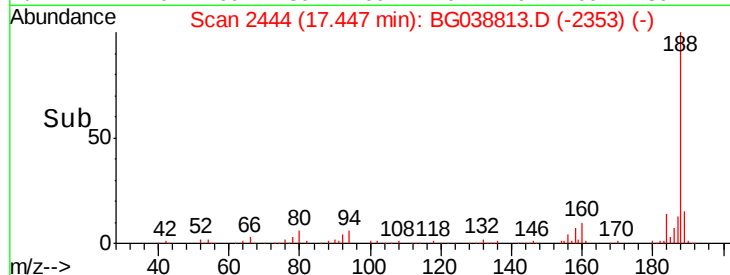
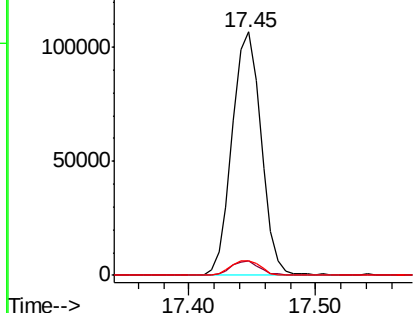
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.45 min Scan# 2444
 Delta R.T. 0.00 min
 Lab File: BG038813.D
 Acq: 22 Dec 2018 11:57

Instrument :
 BNA_G
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 SB-58(0-23)-COMP

Tgt Ion:188 Resp: 169296
 Ion Ratio Lower Upper
 188 100
 94 5.8 5.1 7.7
 80 6.0 6.1 9.1#

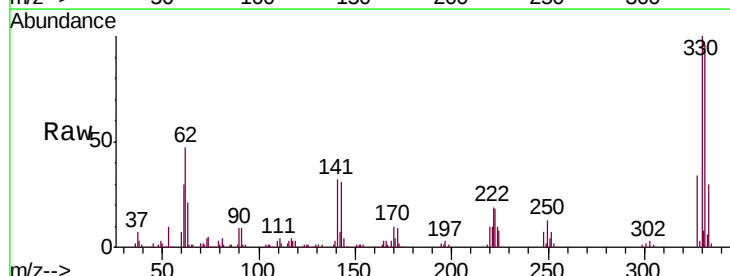


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BG
 Ion 80.00 (79.70 to 80.70): BG

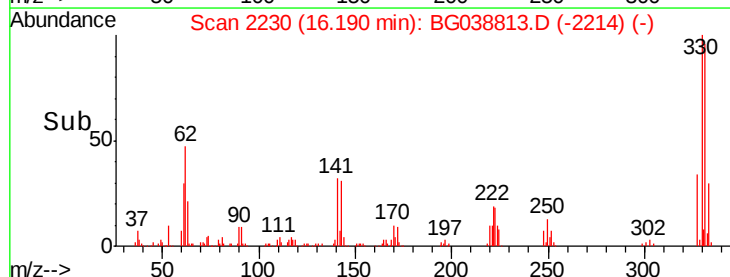
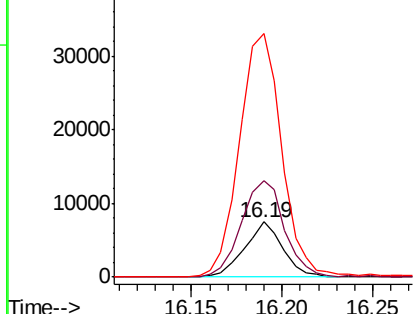


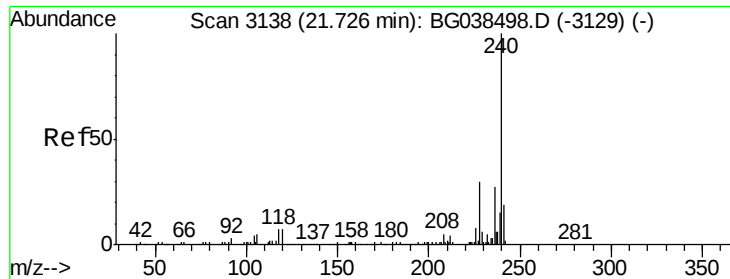
#67
 4-Bromophenyl-phenylether
 Concen: 5.235 ng
 RT: 16.19 min Scan# 2230
 Delta R.T. -0.44 min
 Lab File: BG038813.D
 Acq: 22 Dec 2018 11:57

Tgt Ion:248 Resp: 10824
 Ion Ratio Lower Upper
 248 100
 250 183.0 73.4 110.2#
 141 350.2 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

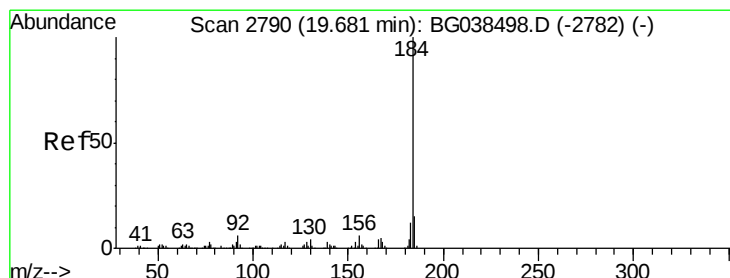
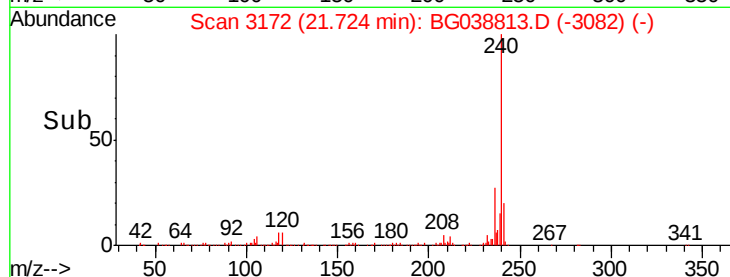
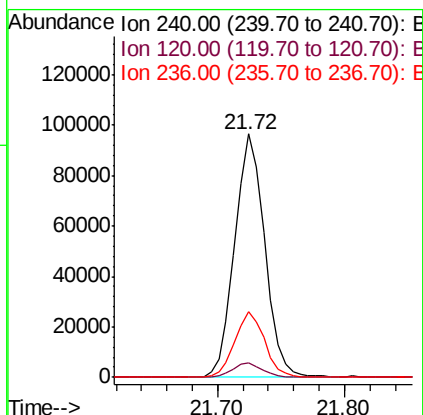
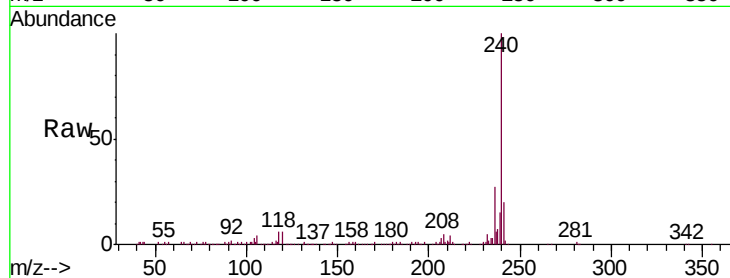




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3172
Delta R.T. -0.00 min
Lab File: BG038813.D
Acq: 22 Dec 2018 11:57

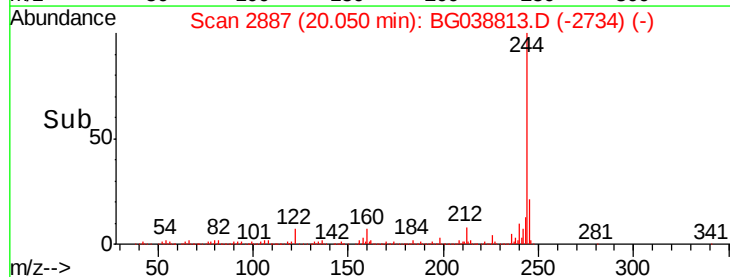
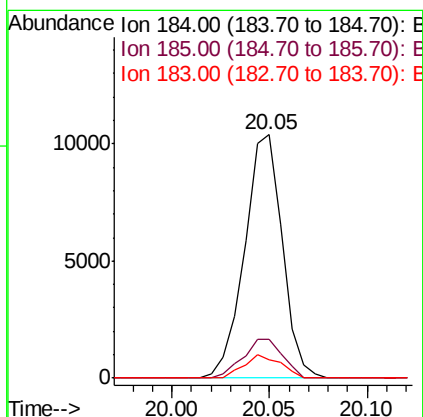
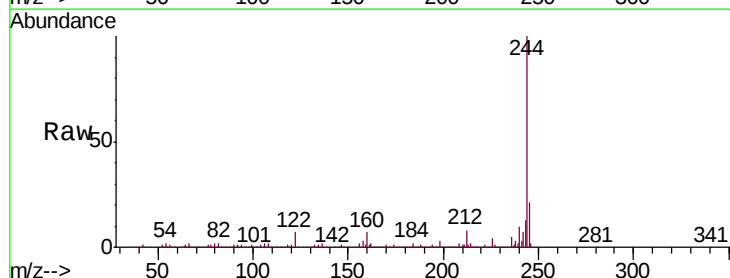
Instrument :
BNA_G
ClientSampleId :
SB-58(0-23)-COMP

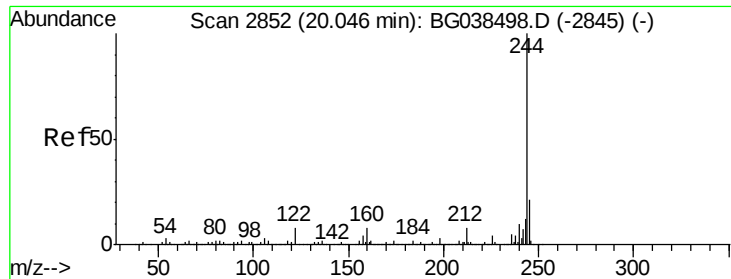
Tgt Ion:240 Resp: 158377
Ion Ratio Lower Upper
240 100
120 6.1 5.3 7.9
236 26.8 21.4 32.2



#77
Benzidine
Concen: 2.958 ng
RT: 20.05 min Scan# 2887
Delta R.T. 0.37 min
Lab File: BG038813.D
Acq: 22 Dec 2018 11:57

Tgt Ion:184 Resp: 13855
Ion Ratio Lower Upper
184 100
185 16.0 12.2 18.2
183 7.4 9.6 14.4#





#79

Terphenyl-d14

Concen: 110.912 ng

RT: 20.05 min Scan# 2887

Delta R.T. 0.00 min

Lab File: BG038813.D

Acq: 22 Dec 2018 11:57

Instrument :

BNA_G

ClientSampleId :

SB-58(0-23)-COMP

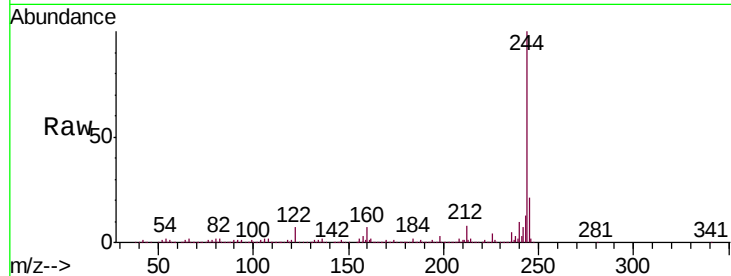
Tgt Ion:244 Resp: 807137

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

122 6.5 6.3 9.5

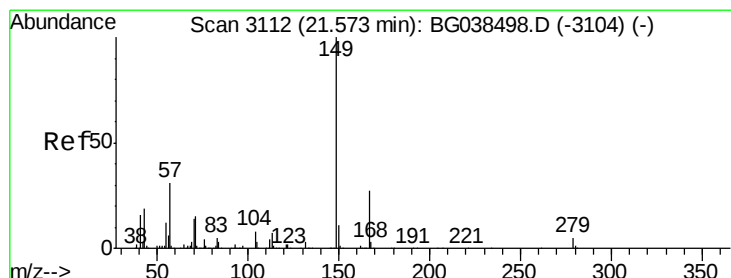
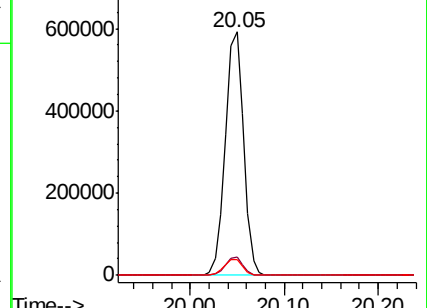
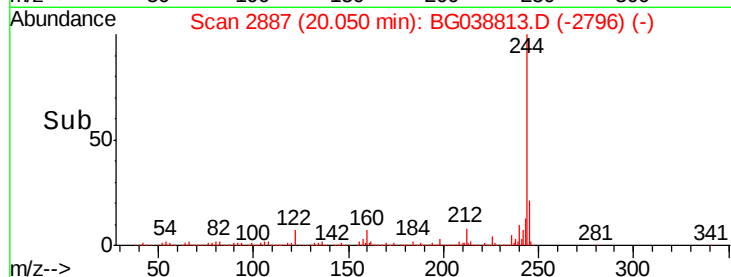


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

20.05



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.340 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG038813.D

Acq: 22 Dec 2018 11:57

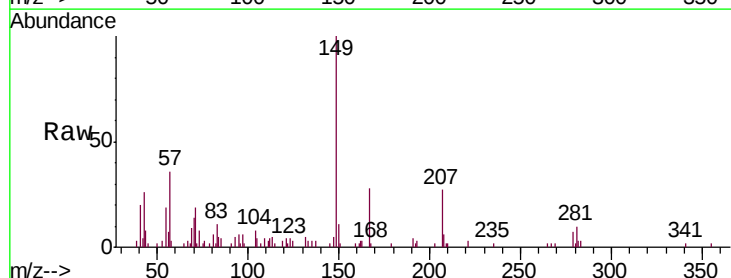
Tgt Ion:149 Resp: 13567

Ion Ratio Lower Upper

149 100

167 27.6 21.9 32.9

279 7.3 4.2 6.2#

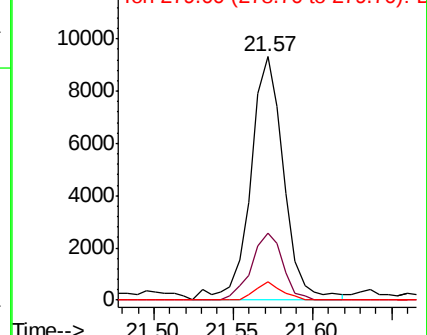
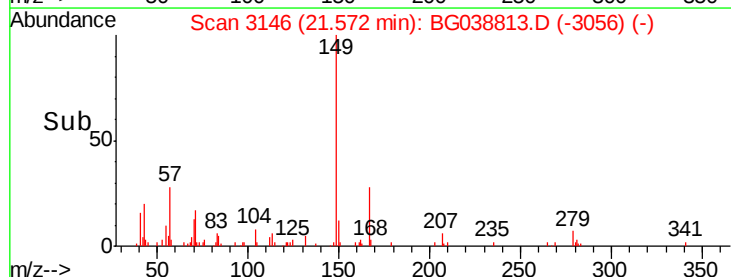


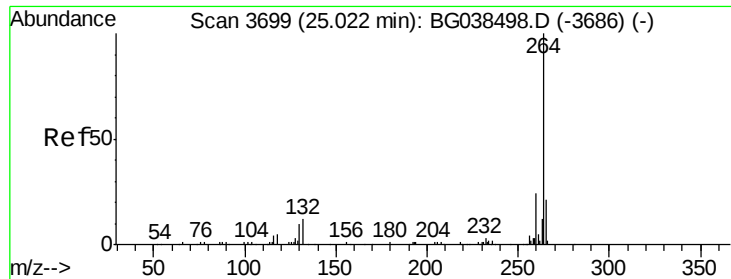
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

21.57

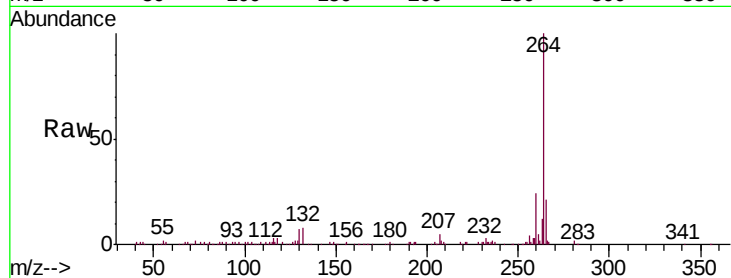




#87
Perylene-d12
Concen: 20.000 ng
RT: 25.03 min Scan# 3734
Delta R.T. 0.00 min
Lab File: BG038813.D
Acq: 22 Dec 2018 11:57

Instrument :
BNA_G
ClientSampleId :
SB-58(0-23)-COMP

Tgt Ion:	264	Resp:	174549
Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.9	28.3
265	21.0	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

