

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122718\
 Data File : BG038872.D
 Acq On : 28 Dec 2018 11:38
 Operator : JU/SJ
 Sample : J6505-18
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-65(0-12)-COMP

Quant Time: Dec 28 14:28:35 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	23518	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	103964	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	80301	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	203281	20.00	ng	0.00
76) Chrysene-d12	21.72	240	209387	20.00	ng	0.00
87) Perylene-d12	25.02	264	224119	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	178543	134.65	ng	0.00
7) Phenol-d6	7.22	99	236693	130.03	ng	0.01
23) Nitrobenzene-d5	9.23	82	172253	84.64	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	141653	128.00	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	514393	87.88	ng	0.00
79) Terphenyl-d14	20.04	244	964830	100.28	ng	0.00

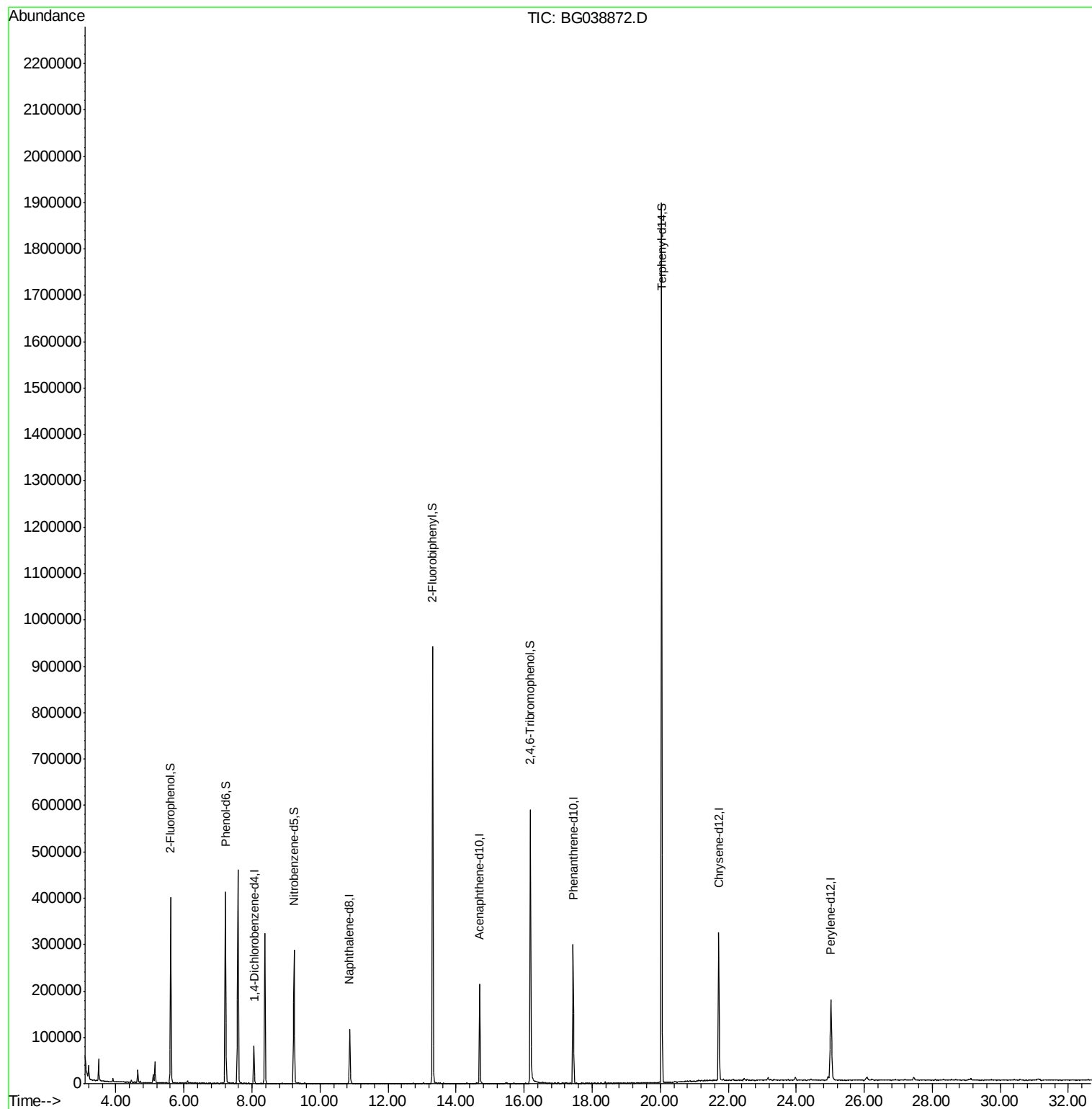
Target Compounds Qvalue

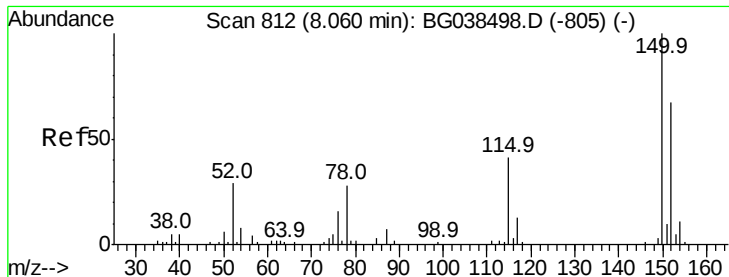
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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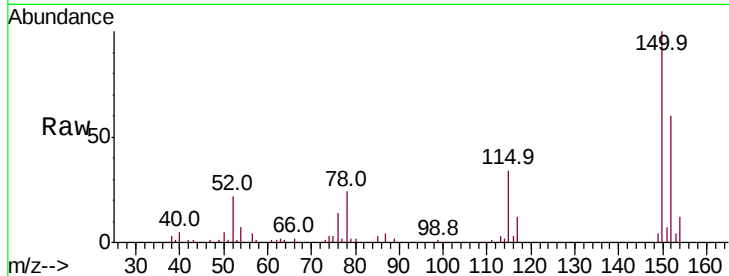


#1

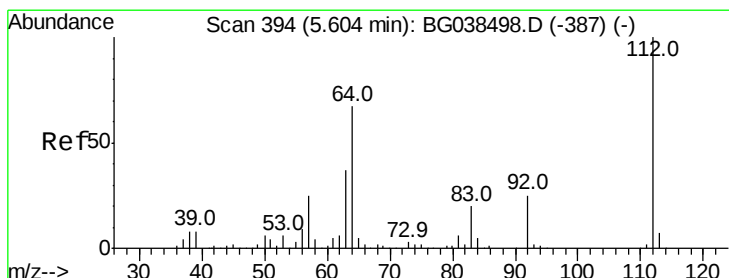
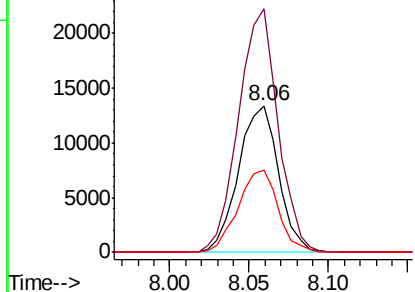
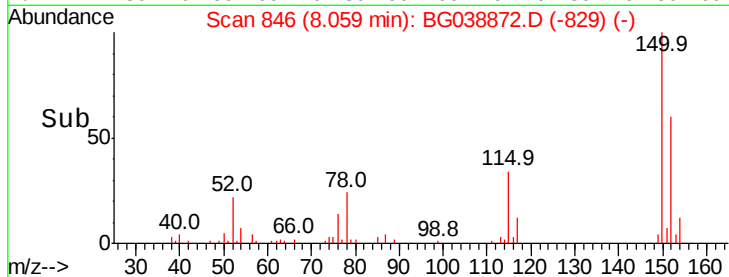
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038872.D
Acq: 28 Dec 2018 11:38

Instrument :
BNA_G
ClientSampleId :
SB-65(0-12)-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	165.7	119.5	179.3
115	55.8	49.6	74.4



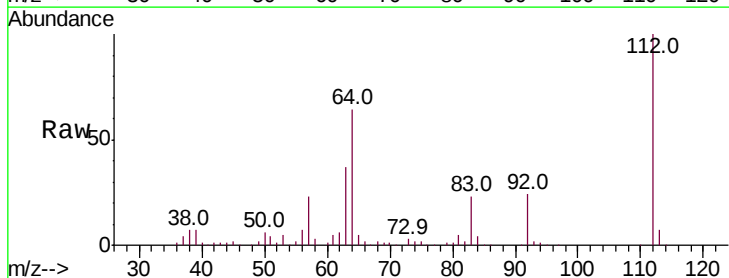
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



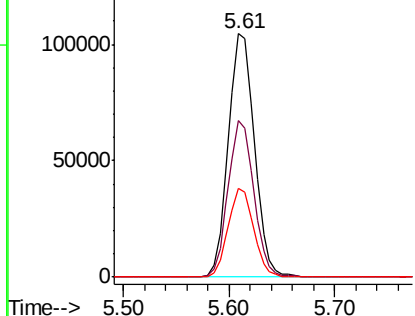
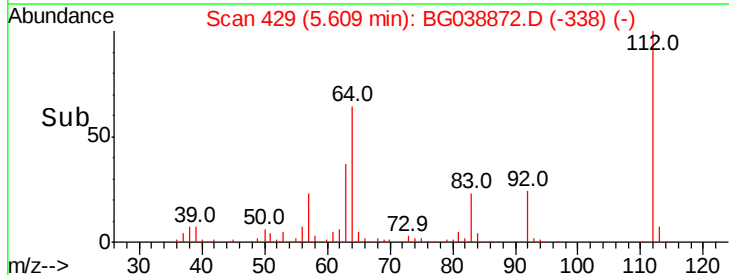
#5

2-Fluorophenol
Concen: 134.651 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038872.D
Acq: 28 Dec 2018 11:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.3	53.4	80.2
63	36.5	29.3	43.9



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





#7

Phenol-d6

Concen: 130.030 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG038872.D

Acq: 28 Dec 2018 11:38

Instrument :

BNA_G

ClientSampleId :

SB-65(0-12)-COMP

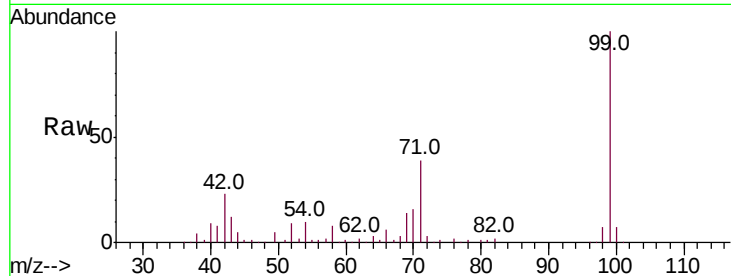
Tot Ion: 99 Resp: 236693

Ion Ratio Lower Upper

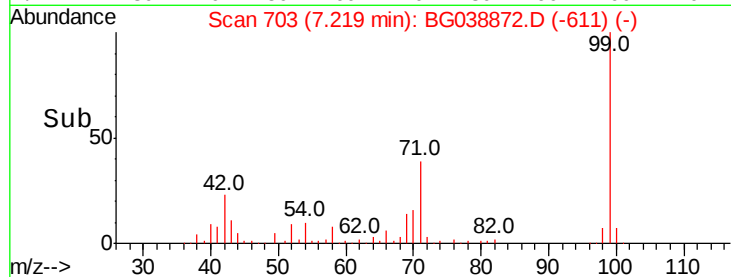
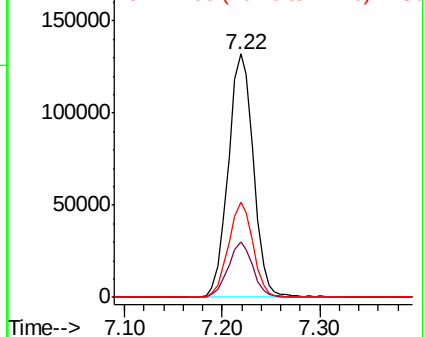
99 100

42 22.6 18.5 27.7

71 39.0 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BG038872.D

Acq: 28 Dec 2018 11:38

Tgt Ion: 136 Resp: 103964

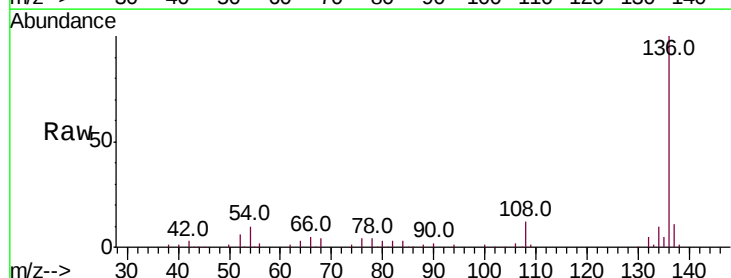
Ion Ratio Lower Upper

136 100

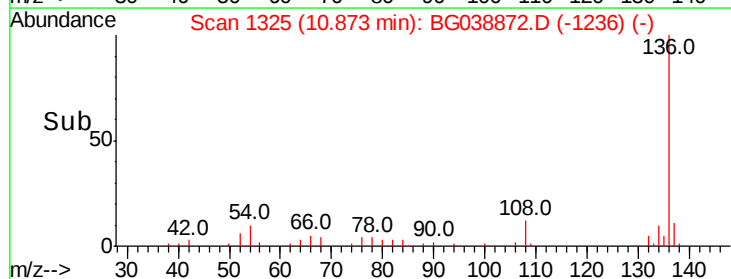
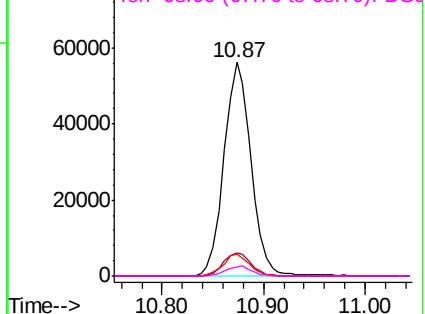
137 10.9 9.3 13.9

54 10.2 8.5 12.7

68 4.3 3.5 5.3



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

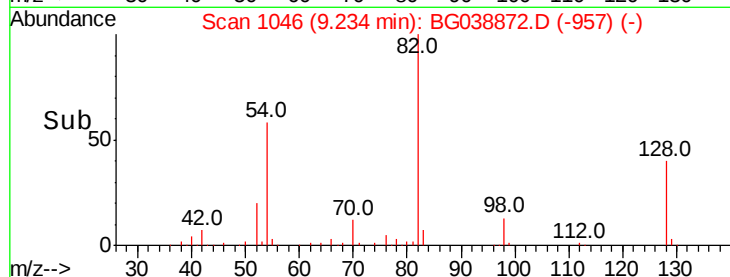
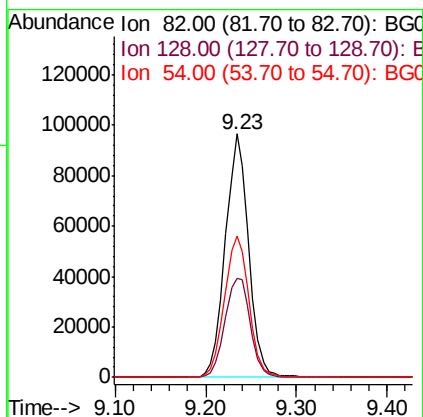
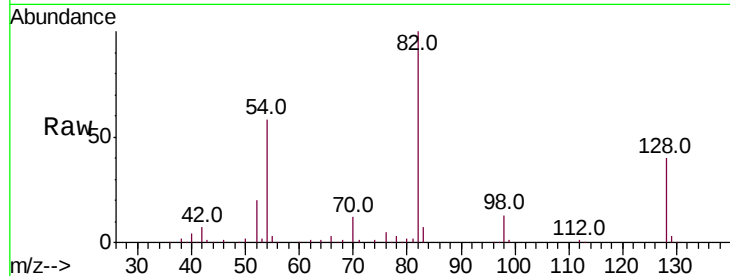




#23
Nitrobenzene-d5
Concen: 84.644 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038872.D
Acq: 28 Dec 2018 11:38

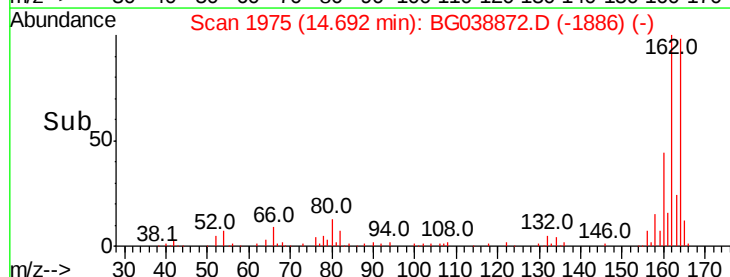
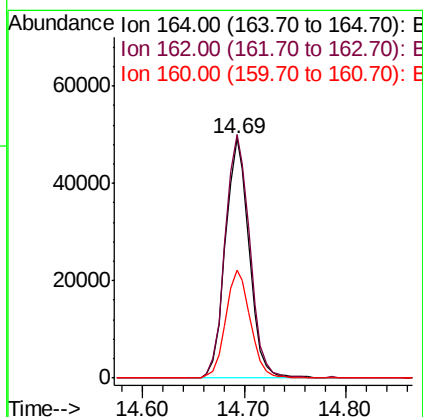
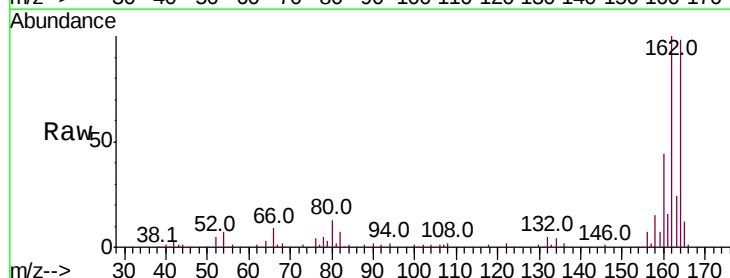
Instrument :
BNA_G
ClientSampleId :
SB-65(0-12)-COMP

Tot Ion: 82 Resp: 172253
Ion Ratio Lower Upper
82 100
128 40.5 34.6 52.0
54 57.9 50.6 76.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG038872.D
Acq: 28 Dec 2018 11:38

Tgt Ion:164 Resp: 80301
Ion Ratio Lower Upper
164 100
162 101.6 86.6 130.0
160 45.1 34.2 51.2

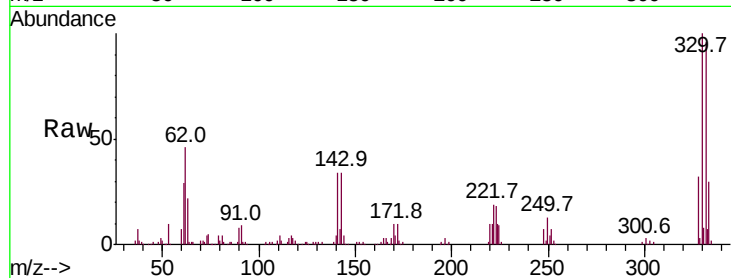




#42
 2,4,6-Tribromophenol
 Concen: 127.997 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BG038872.D
 Acq: 28 Dec 2018 11:38

Instrument :
 BNA_G
 ClientSampleId :
 SB-65(0-12)-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.9	115.3
141	31.5	28.8	43.2

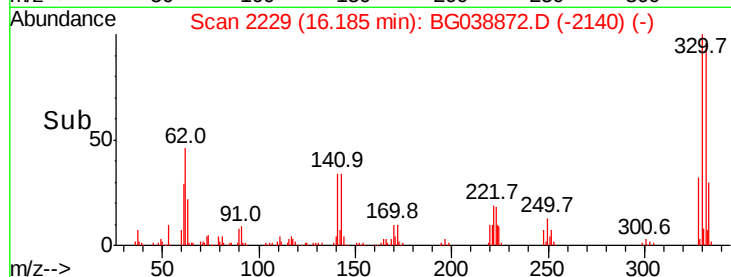
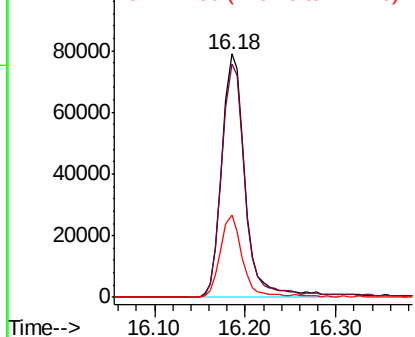


Abundance

Ion 329.80 (329.50 to 330.50): E

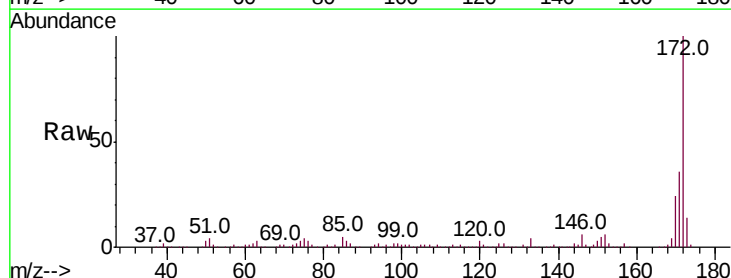
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 87.878 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG038872.D
 Acq: 28 Dec 2018 11:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.8	44.6
170	23.6	19.5	29.3

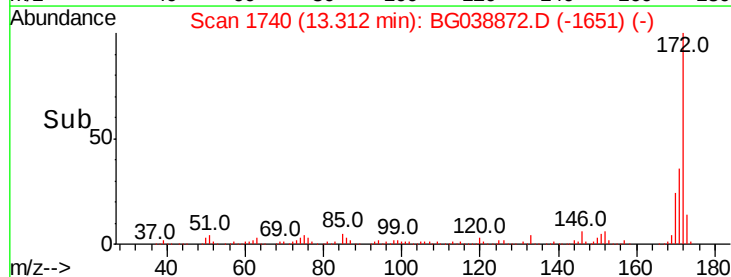
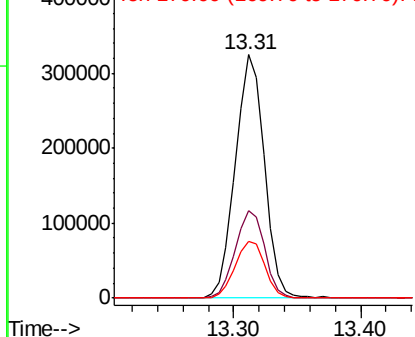


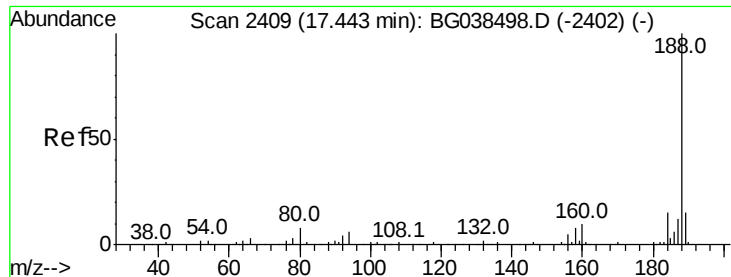
Abundance

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

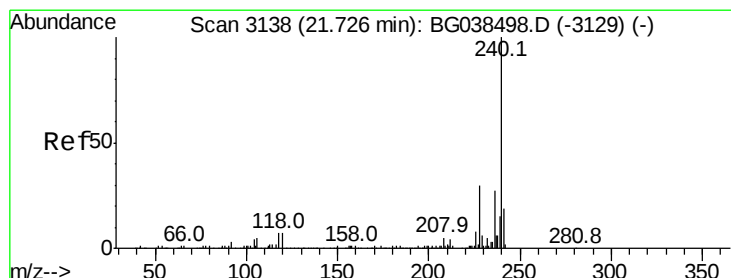
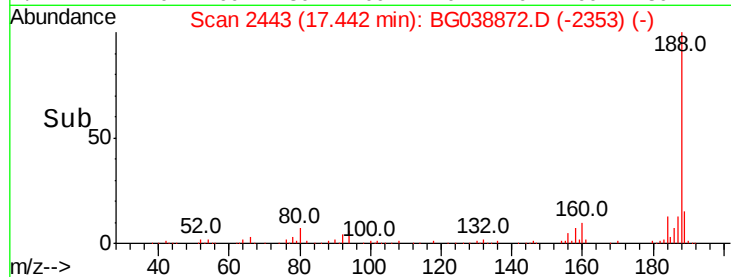
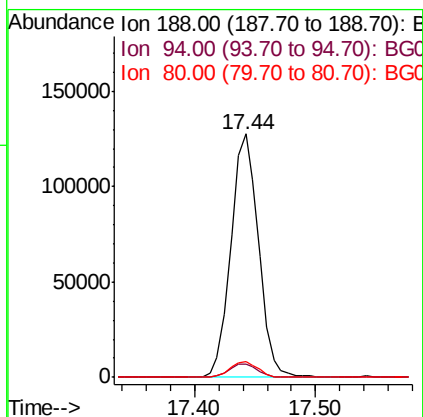
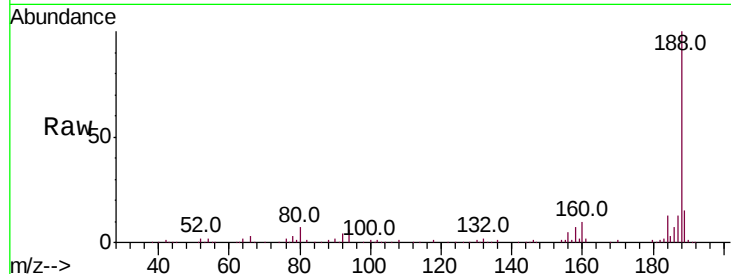




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038872.D
Acq: 28 Dec 2018 11:38

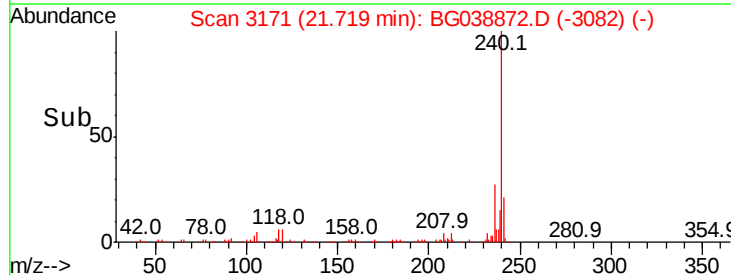
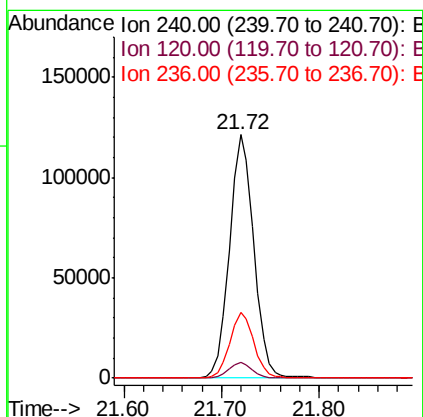
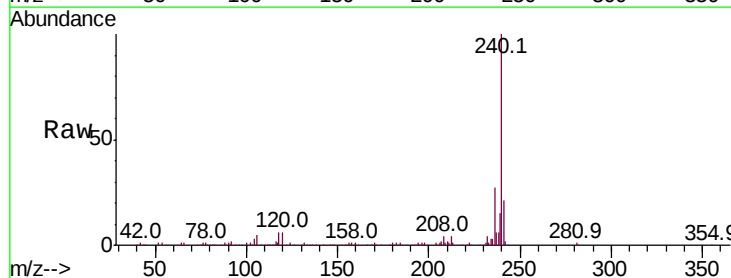
Instrument :
BNA_G
ClientSampleId :
SB-65(0-12)-COMP

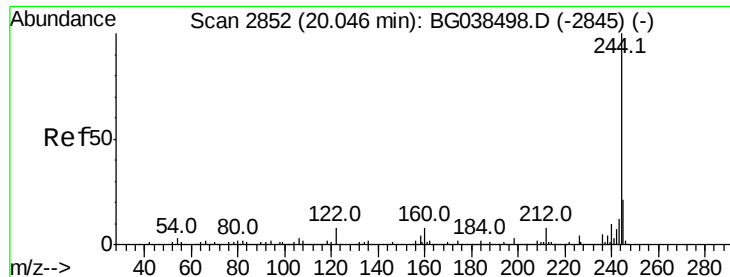
Tot Ion:188 Resp: 203281
Ion Ratio Lower Upper
188 100
94 5.5 5.1 7.7
80 6.7 6.1 9.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG038872.D
Acq: 28 Dec 2018 11:38

Tgt Ion:240 Resp: 209387
Ion Ratio Lower Upper
240 100
120 6.2 5.3 7.9
236 27.2 21.4 32.2





#79

Terphenyl-d14

Concen: 100.283 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038872.D

Acq: 28 Dec 2018 11:38

Instrument :

BNA_G

ClientSampleId :

SB-65(0-12)-COMP

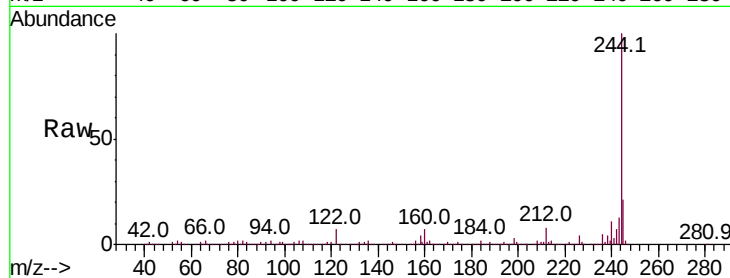
Tot Ion:244 Resp: 964830

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

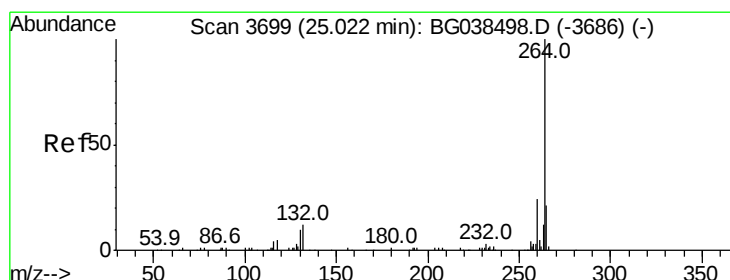
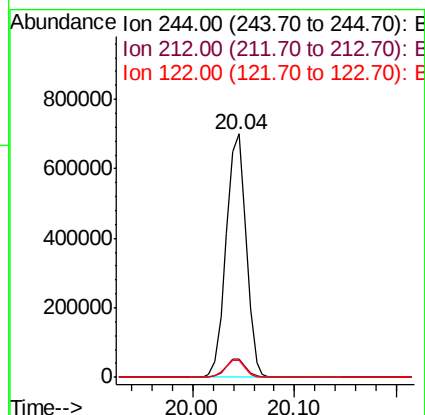
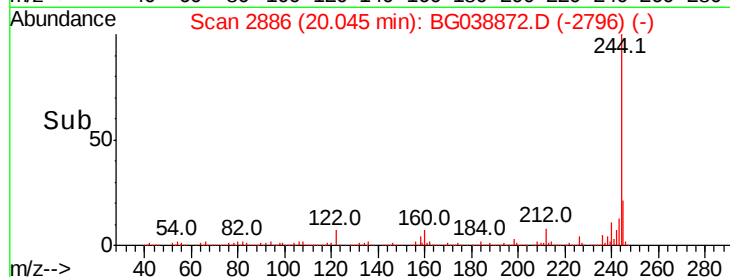
122 6.8 6.3 9.5



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# 3733

Delta R.T. -0.00 min

Lab File: BG038872.D

Acq: 28 Dec 2018 11:38

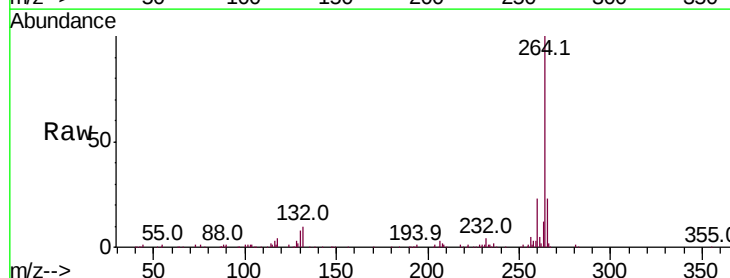
Tgt Ion:264 Resp: 224119

Ion Ratio Lower Upper

264 100

260 22.6 18.9 28.3

265 22.6 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

