

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071619\
 Data File : BG041678.D
 Acq On : 17 Jul 2019 3:53
 Operator : HP/JU
 Sample : PB121423BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB121423BL

Quant Time: Jul 17 07:37:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 16:16:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	107151	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	452531	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	288224	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	706555	20.00	ng	0.00
76) Chrysene-d12	21.65	240	693150	20.00	ng	0.00
87) Perylene-d12	24.84	264	776264	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	823909	125.70	ng	0.00
7) Phenol-d6	7.20	99	1130006	128.17	ng	0.00
23) Nitrobenzene-d5	9.20	82	684044	91.93	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	412367	126.95	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1607931	86.39	ng	0.00
79) Terphenyl-d14	20.01	244	2496869	84.18	ng	0.00

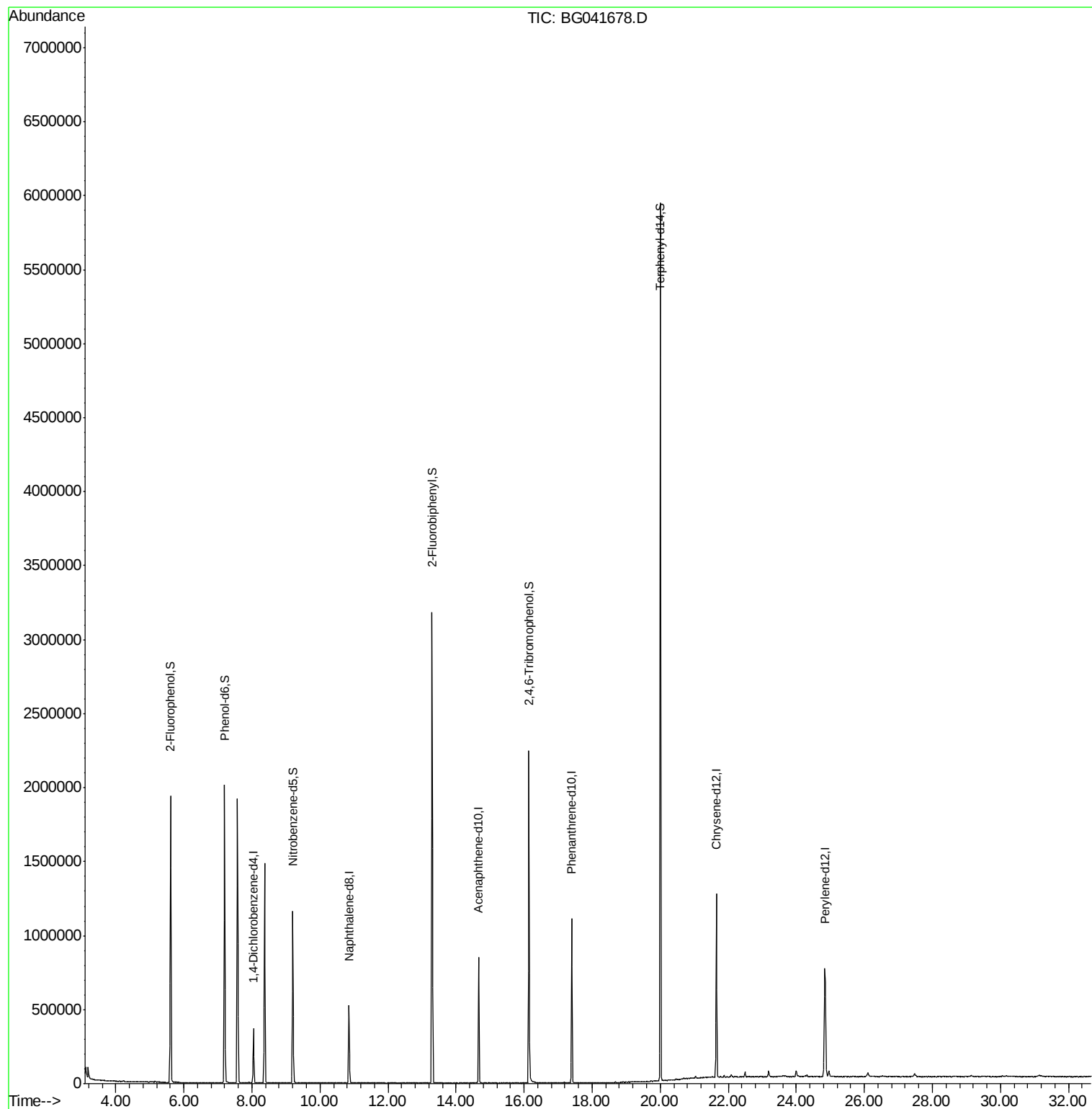
Target Compounds Qvalue

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071619\
Data File : BG041678.D
Acq On : 17 Jul 2019 3:53
Operator : HP/JU
Sample : PB121423BL
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB121423BL

Quant Time: Jul 17 07:37:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 16:16:21 2019
Response via : Initial Calibration



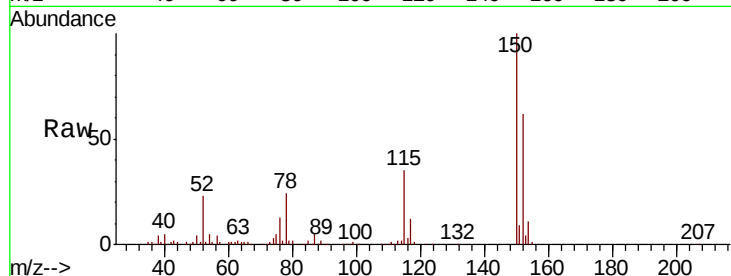


#1

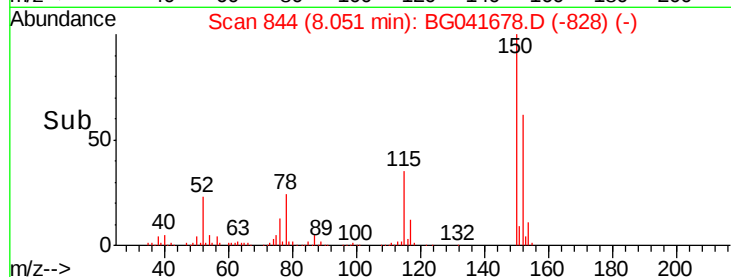
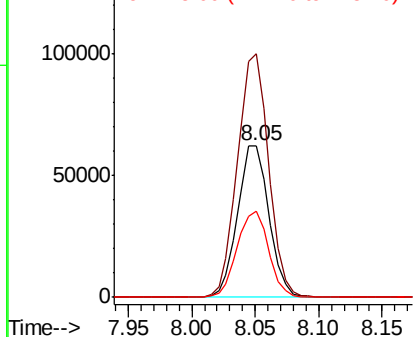
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.00 min
Lab File: BG041678.D
Acq: 17 Jul 2019 3:53

Instrument :
BNA_G
ClientSampleId :
PB121423BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.4	126.9	190.3
115	56.6	45.0	67.6



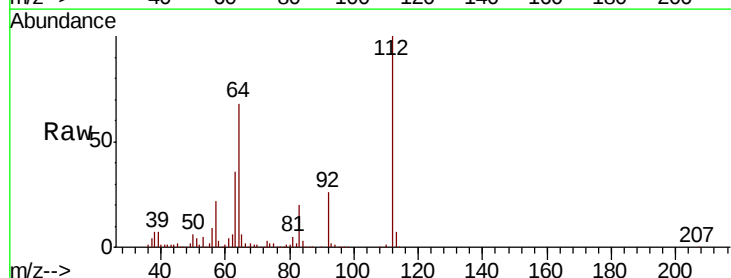
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



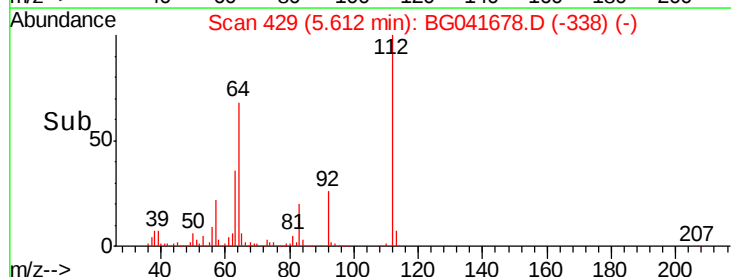
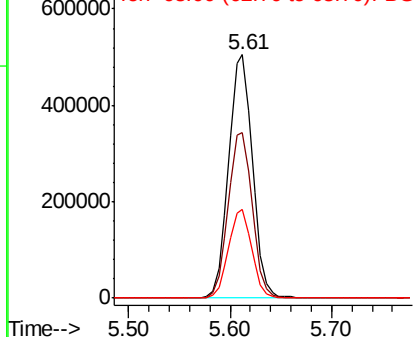
#5

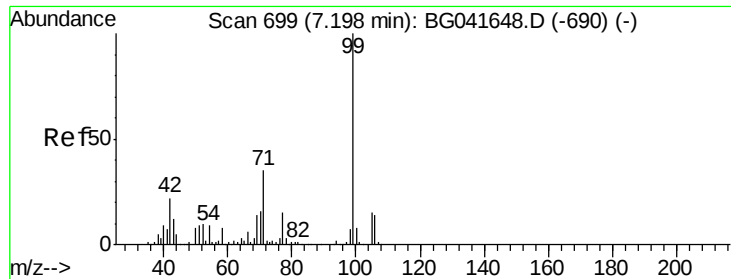
2-Fluorophenol
Concen: 125.700 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.00 min
Lab File: BG041678.D
Acq: 17 Jul 2019 3:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.9	55.4	83.2
63	36.4	29.1	43.7



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: 128.174 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG041678.D

Acq: 17 Jul 2019 3:53

Instrument :

BNA_G

ClientSampleId :

PB121423BL

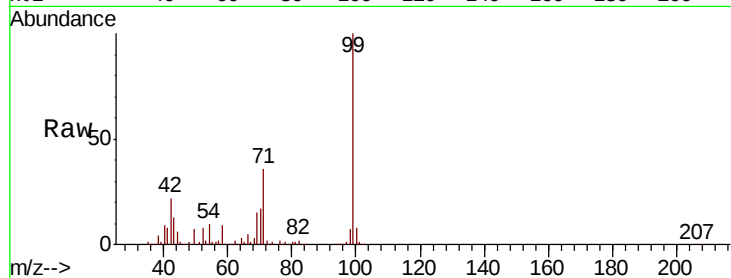
Tot Ion: 99 Resp: 1130006

Ion Ratio Lower Upper

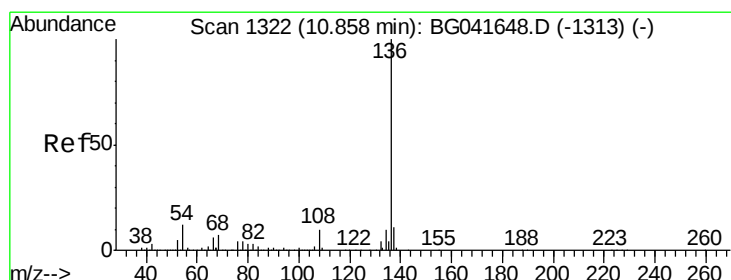
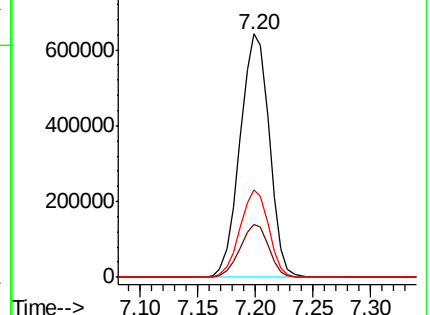
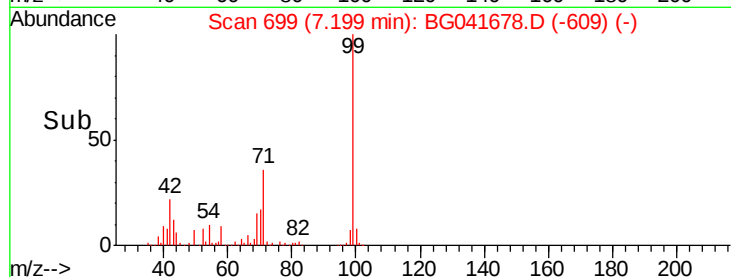
99 100

42 21.9 17.6 26.4

71 35.8 27.8 41.6



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: 10.85 min Scan# 1321

Delta R.T. -0.00 min

Lab File: BG041678.D

Acq: 17 Jul 2019 3:53

Tgt Ion: 136 Resp: 452531

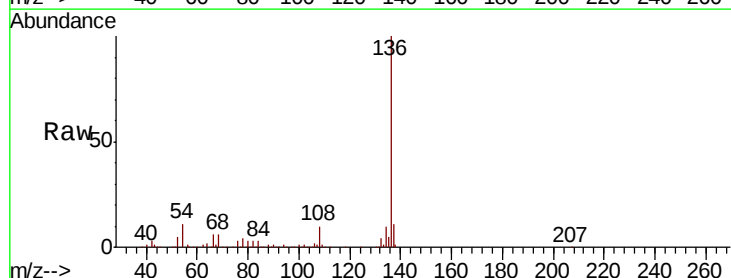
Ion Ratio Lower Upper

136 100

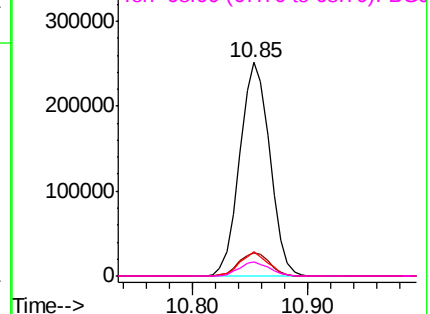
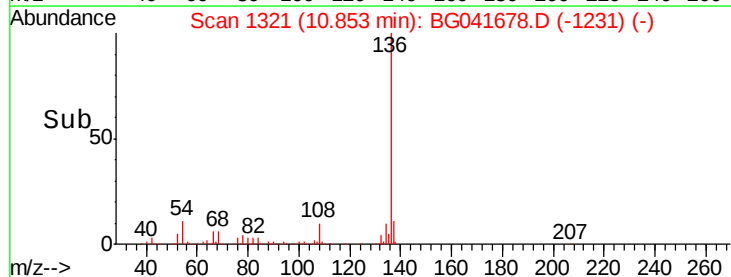
137 11.0 9.2 13.8

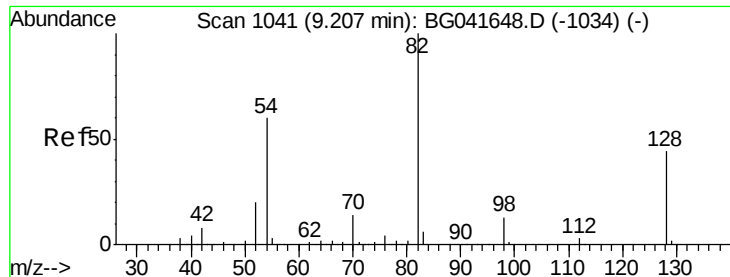
54 11.2 8.7 13.1

68 6.5 5.5 8.3



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: 91.928 ng

RT: 9.20 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BG041678.D

Acq: 17 Jul 2019 3:53

Instrument :

BNA_G

ClientSampleId :

PB121423BL

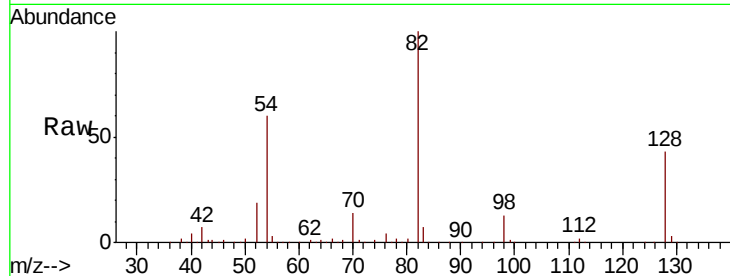
Tot Ion: 82 Resp: 684044

Ion Ratio Lower Upper

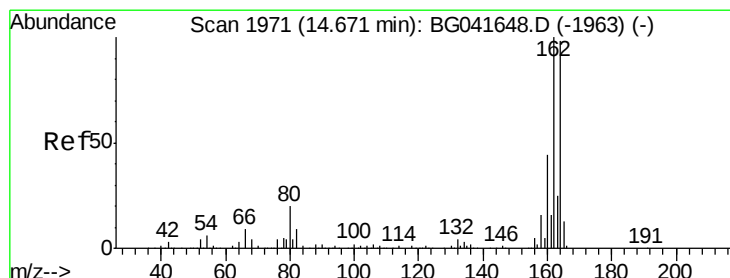
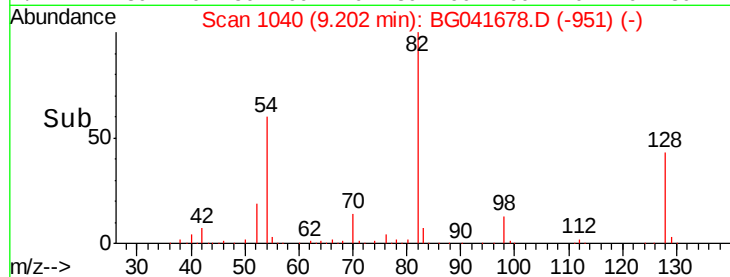
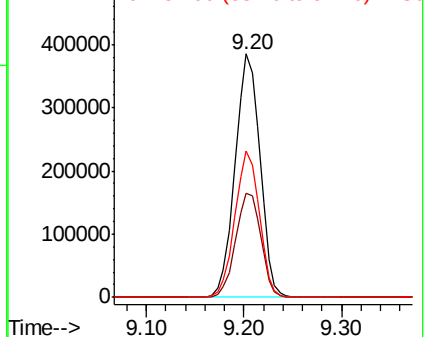
82 100

128 42.6 35.1 52.7

54 60.1 48.7 73.1



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: 14.67 min Scan# 1970

Delta R.T. -0.00 min

Lab File: BG041678.D

Acq: 17 Jul 2019 3:53

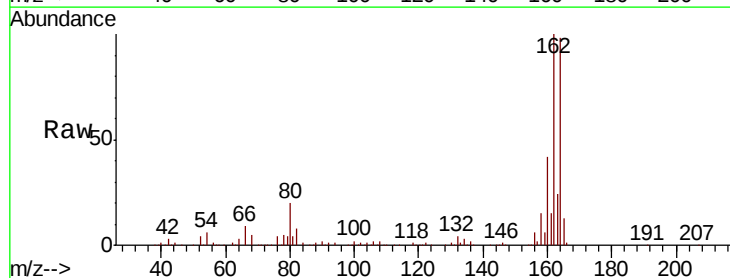
Tgt Ion: 164 Resp: 288224

Ion Ratio Lower Upper

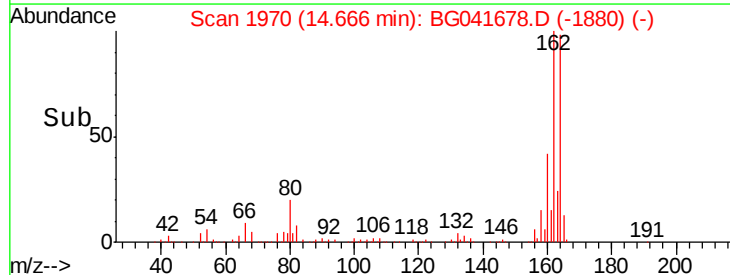
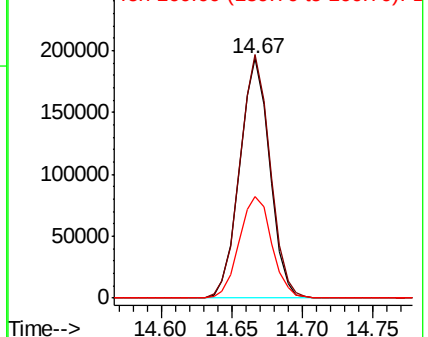
164 100

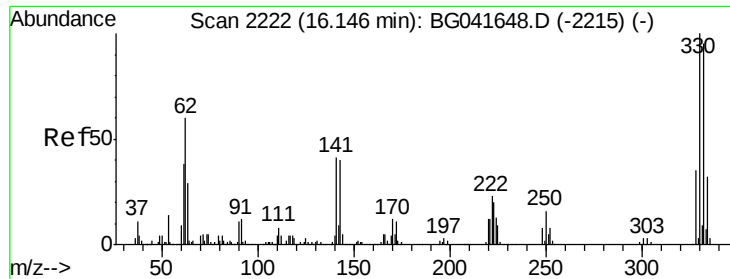
162 101.6 79.6 119.4

160 42.5 35.4 53.0



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

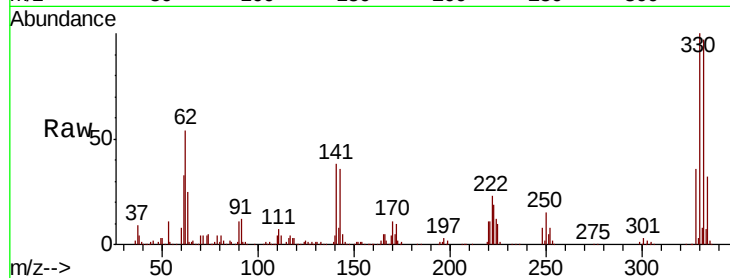




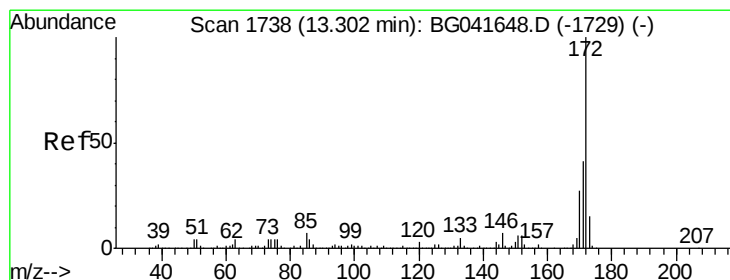
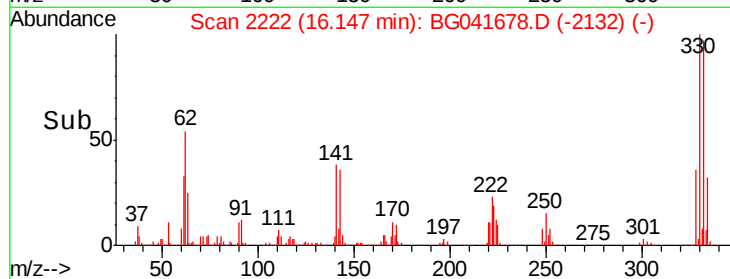
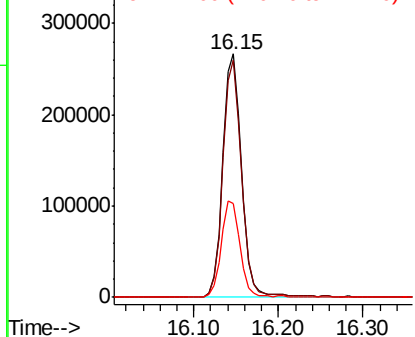
#42
 2,4,6-Tribromophenol
 Concen: 126.951 ng
 RT: 16.15 min Scan# 2222
 Delta R.T. -0.00 min
 Lab File: BG041678.D
 Acq: 17 Jul 2019 3:53

Instrument :
 BNA_G
 ClientSampleId :
 PB121423BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.4	116.0
141	39.9	31.9	47.9

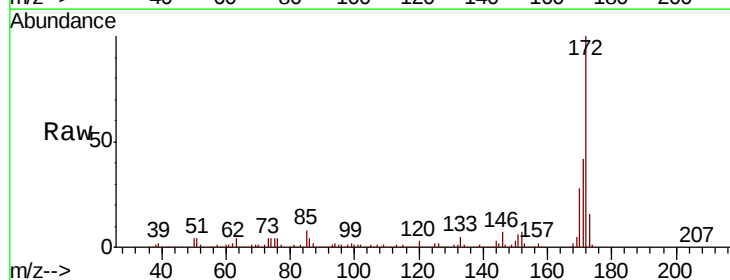


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

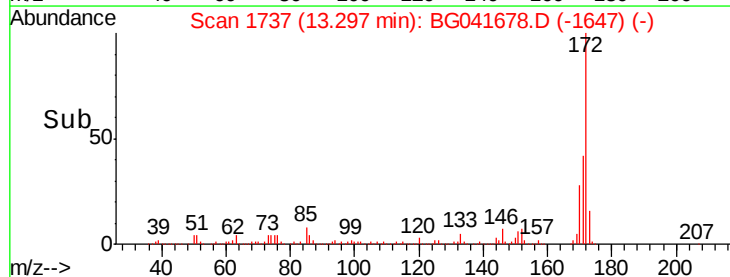
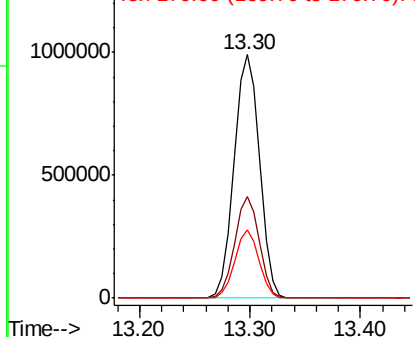


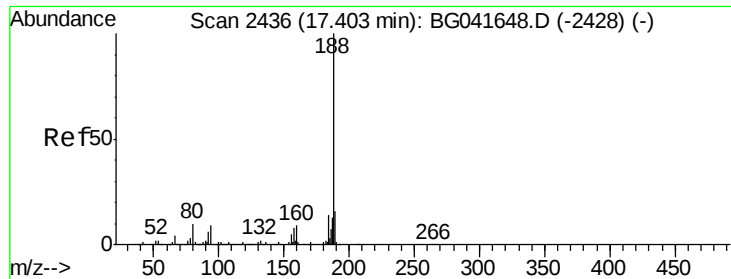
#45
 2-Fluorobiphenyl
 Concen: 86.387 ng
 RT: 13.30 min Scan# 1737
 Delta R.T. -0.00 min
 Lab File: BG041678.D
 Acq: 17 Jul 2019 3:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	41.7	35.0	52.4
170	27.9	23.5	35.3



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: 17.40 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG041678.D

Acq: 17 Jul 2019 3:53

Instrument :

BNA_G

ClientSampleId :

PB121423BL

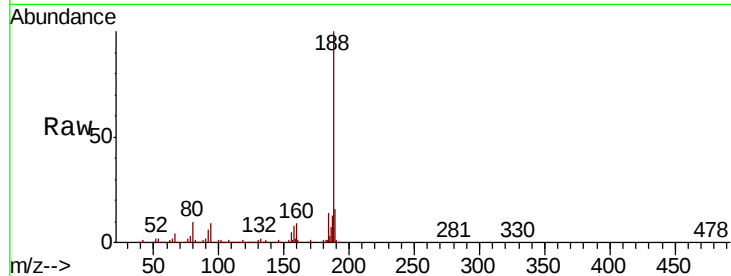
Tot Ion:188 Resp: 706555

Ion Ratio Lower Upper

188 100

94 9.3 6.9 10.3

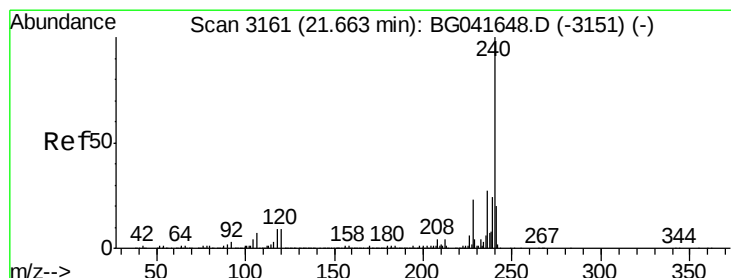
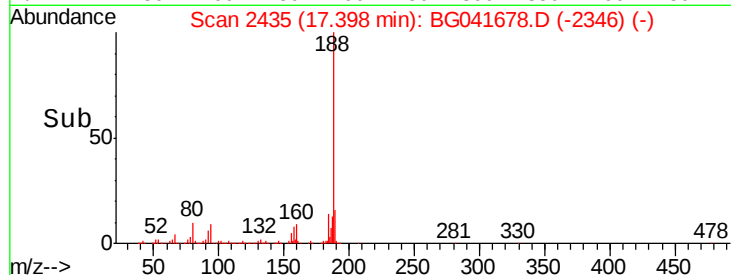
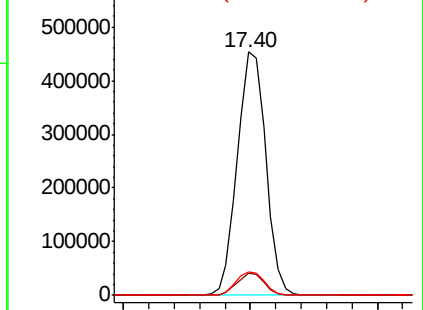
80 9.6 8.0 12.0



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BG041678.D

Acq: 17 Jul 2019 3:53

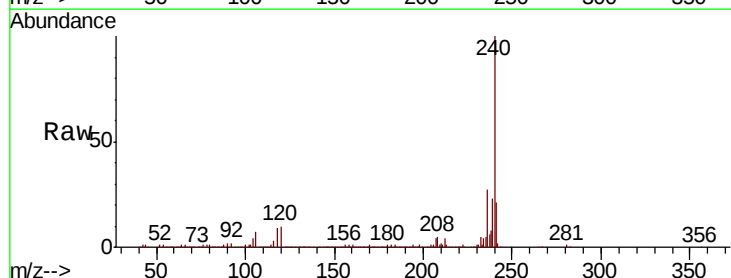
Tgt Ion:240 Resp: 693150

Ion Ratio Lower Upper

240 100

120 9.5 8.0 12.0

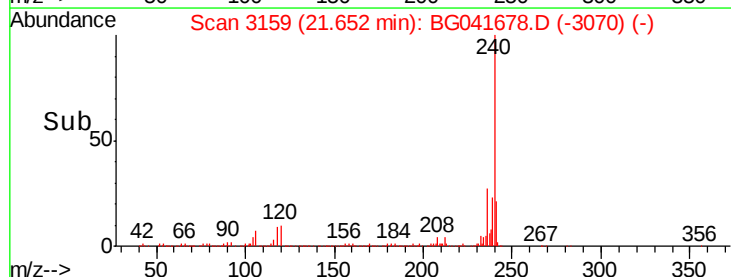
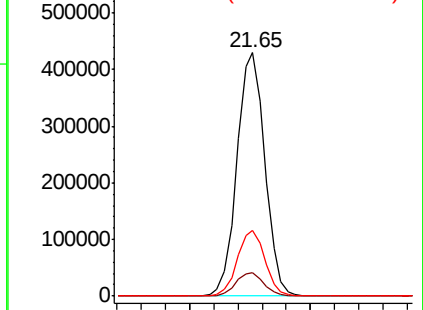
236 26.9 22.6 33.8

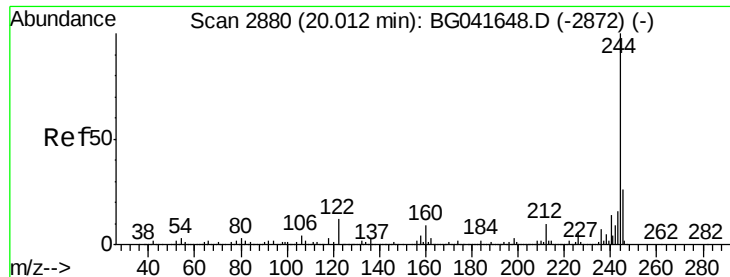


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 84.179 ng

RT: 20.01 min Scan# 2879

Delta R.T. -0.00 min

Lab File: BG041678.D

Acq: 17 Jul 2019 3:53

Instrument :

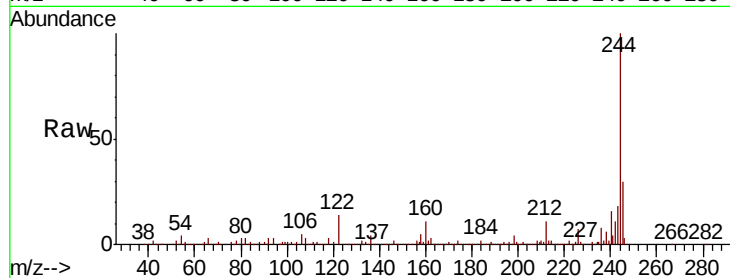
BNA_G

ClientSampleId :

PB121423BL

Tot Ion:244 Resp: 2496869

Ion	Ratio	Lower	Upper
244	100		
212	11.5	9.7	14.5
122	14.2	12.5	18.7

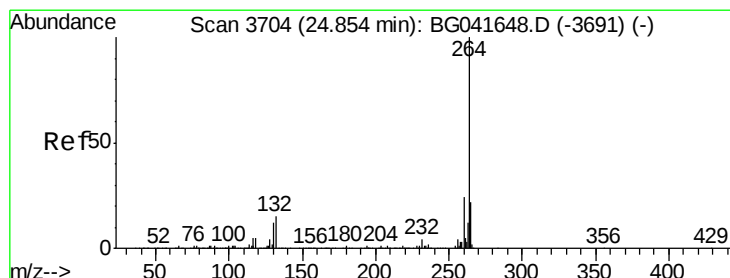
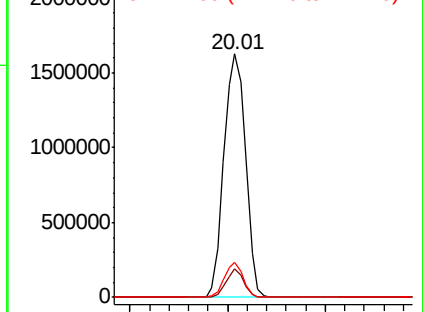
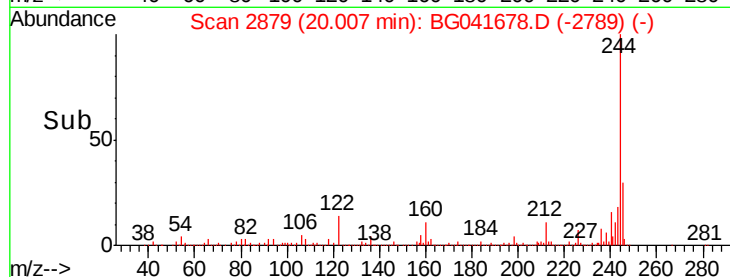


Abundance

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: 24.84 min Scan# 3702

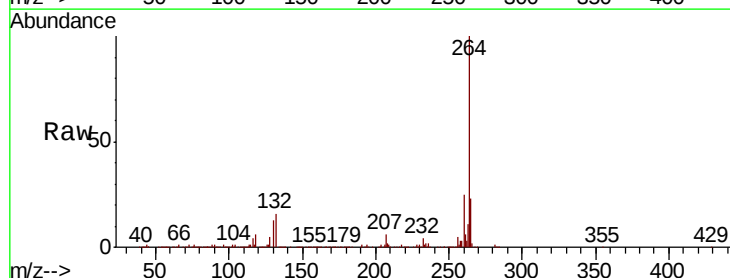
Delta R.T. -0.02 min

Lab File: BG041678.D

Acq: 17 Jul 2019 3:53

Tgt Ion:264 Resp: 776264

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	22.7	18.0	27.0



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

