

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070119\
 Data File : BG041561.D
 Acq On : 1 Jul 2019 16:25
 Operator : HP/JU
 Sample : K3555-25
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GWMH-13

Quant Time: Jul 02 03:26:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:25:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	31993	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	116369	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	85804	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	231922	20.00	ng	0.00
76) Chrysene-d12	21.70	240	270141	20.00	ng	0.00
87) Perylene-d12	24.98	264	299005	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	108877	60.67	ng	0.00
7) Phenol-d6	7.19	99	97978	38.79	ng	0.00
23) Nitrobenzene-d5	9.21	82	201310	72.15	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	161264	110.07	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	487662	72.93	ng	0.00
79) Terphenyl-d14	20.03	244	1064755	83.76	ng	0.00

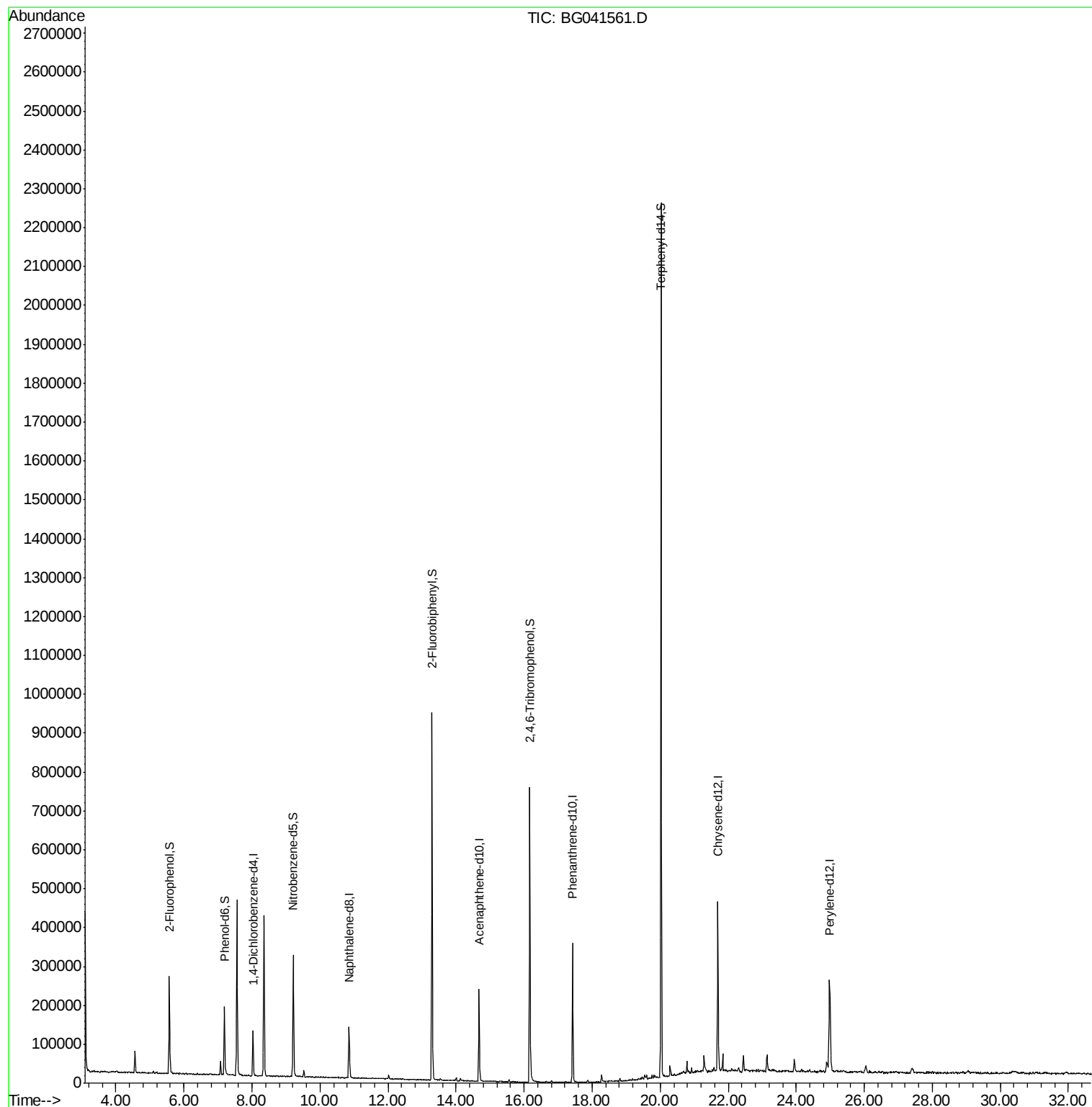
Target Compounds Qvalue

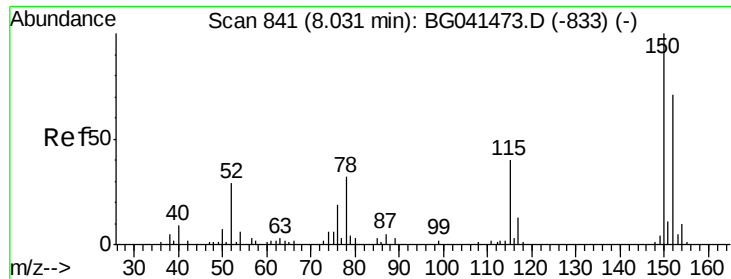
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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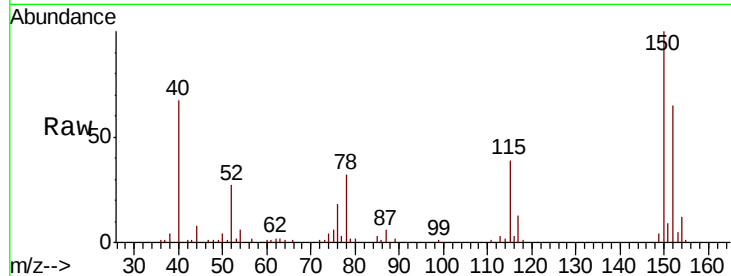


#1

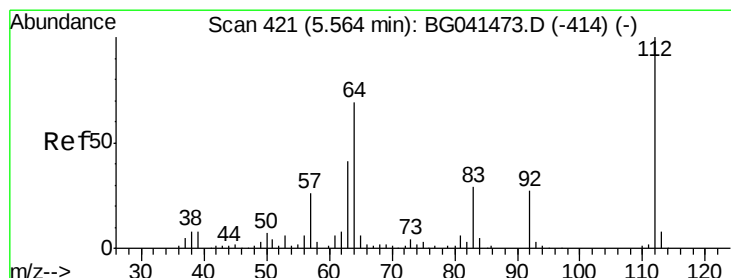
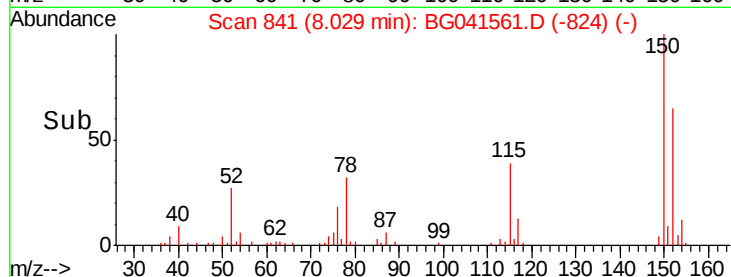
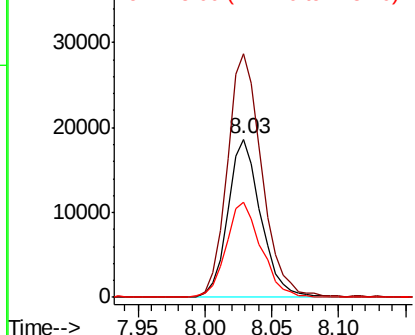
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG041561.D
Acq: 1 Jul 2019 16:25

Instrument :
BNA_G
ClientSampleId :
GWMH-13

Tot Ion:152 Resp: 31993
Ion Ratio Lower Upper
152 100
150 154.0 112.4 168.6
115 60.3 44.6 66.8



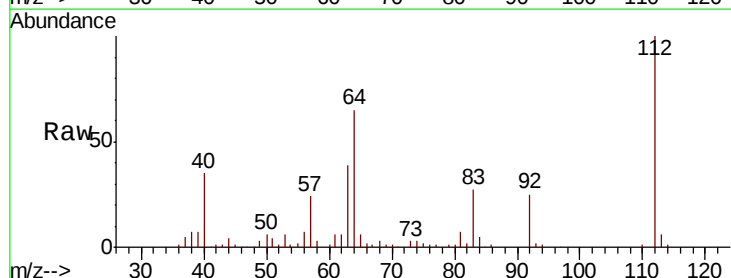
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



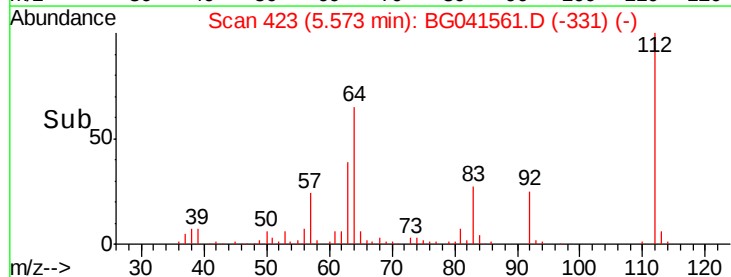
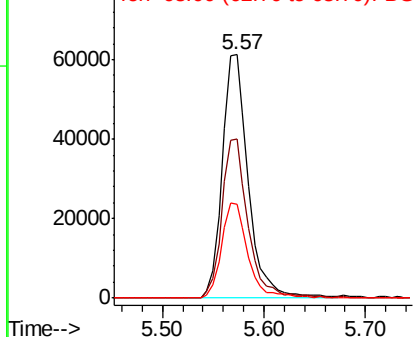
#5

2-Fluorophenol
Concen: 60.673 ng
RT: 5.57 min Scan# 423
Delta R.T. 0.01 min
Lab File: BG041561.D
Acq: 1 Jul 2019 16:25

Tgt Ion:112 Resp: 108877
Ion Ratio Lower Upper
112 100
64 65.1 55.1 82.7
63 38.7 32.4 48.6



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: 38.785 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG041561.D

Acq: 1 Jul 2019 16:25

Instrument :

BNA_G

ClientSampleId :

GWMMH-13

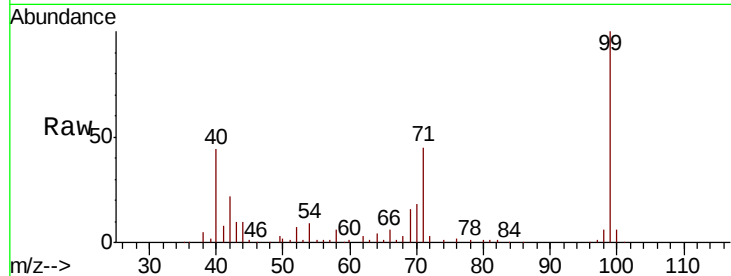
Tot Ion: 99 Resp: 97978

Ion Ratio Lower Upper

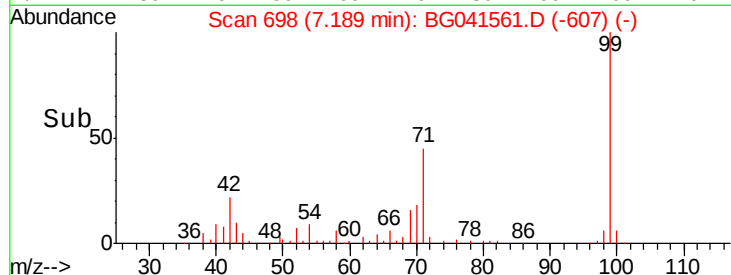
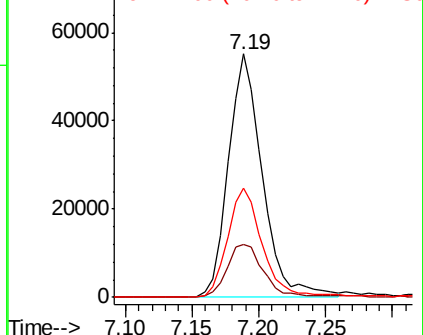
99 100

42 22.0 19.0 28.6

71 44.6 37.4 56.2



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# 1322

Delta R.T. -0.00 min

Lab File: BG041561.D

Acq: 1 Jul 2019 16:25

Tgt Ion: 136 Resp: 116369

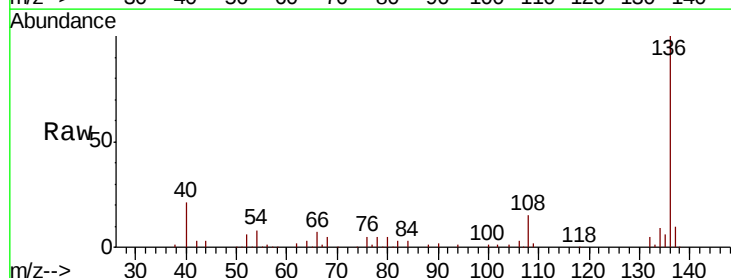
Ion Ratio Lower Upper

136 100

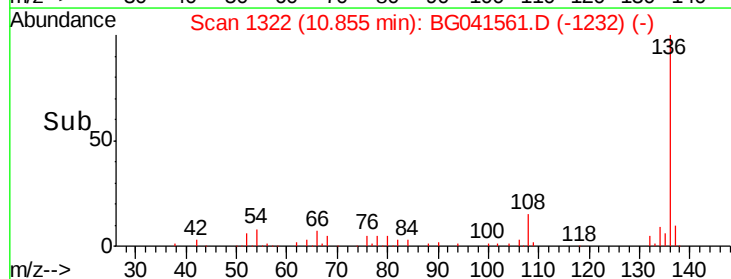
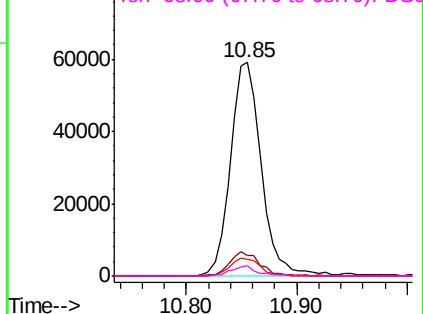
137 9.6 9.3 13.9

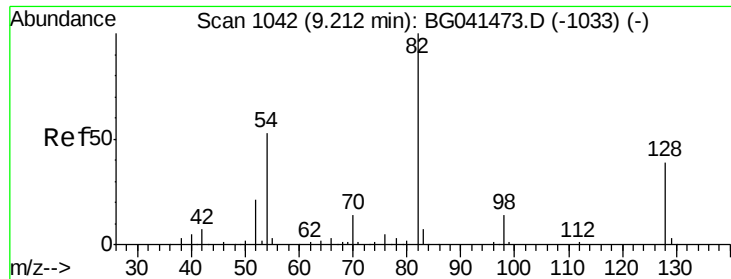
54 7.5 7.1 10.7

68 4.6 3.3 4.9



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

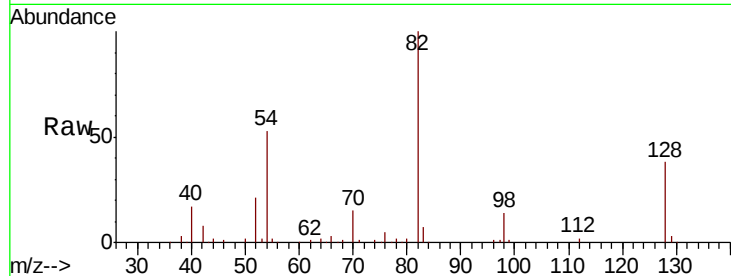




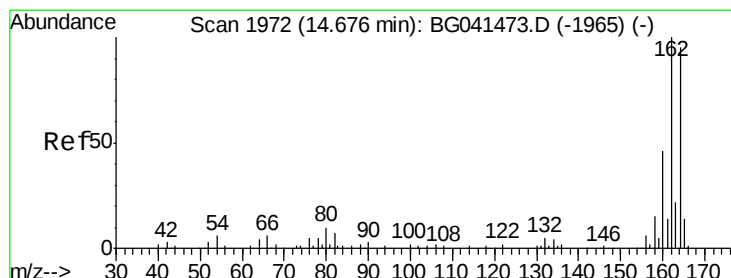
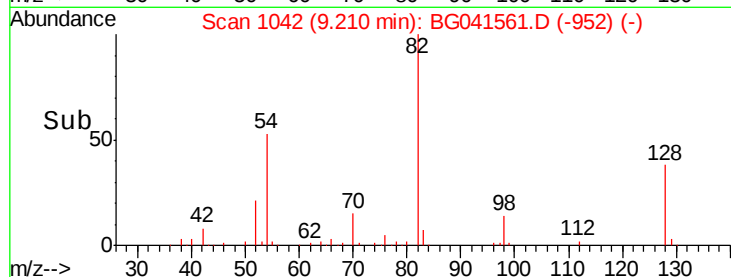
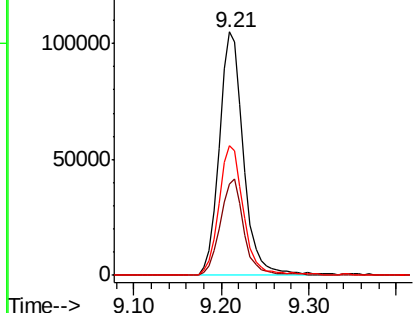
#23
 Nitrobenzene-d5
 Concen: 72.150 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BG041561.D
 Acq: 1 Jul 2019 16:25

Instrument :
 BNA_G
 ClientSampled :
 GWMH-13

Tot Ion	82	Resp	201310
Ion Ratio	Lower	Upper	
82	100		
128	37.6	30.9	46.3
54	53.1	42.2	63.2

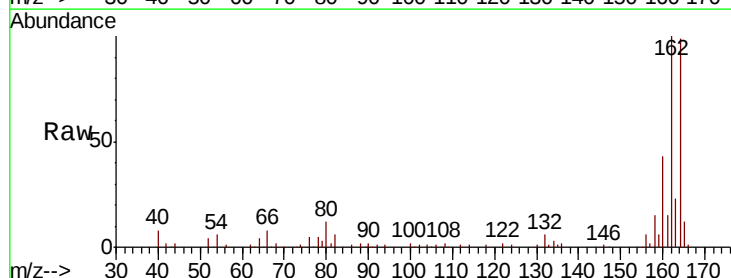


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

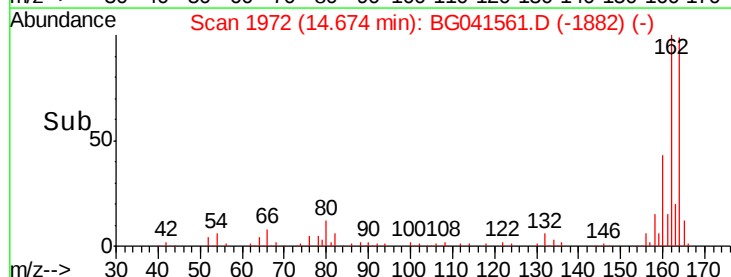
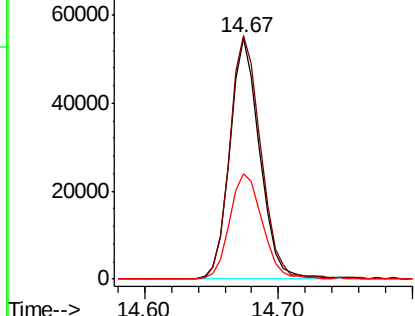


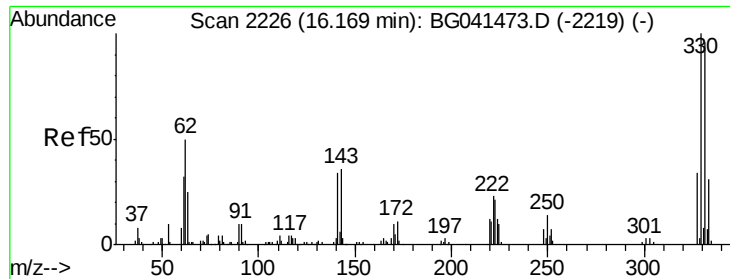
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: BG041561.D
 Acq: 1 Jul 2019 16:25

Tgt Ion	164	Resp	85804
Ion Ratio	Lower	Upper	
164	100		
162	100.7	84.4	126.6
160	43.4	38.8	58.2



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

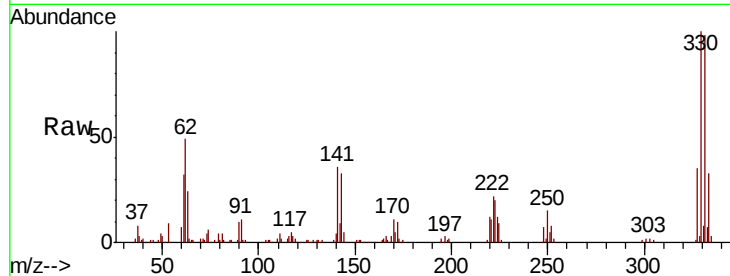




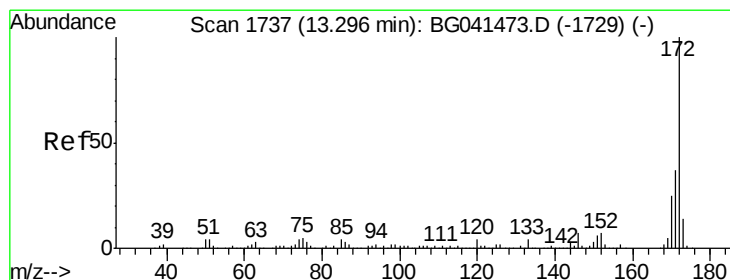
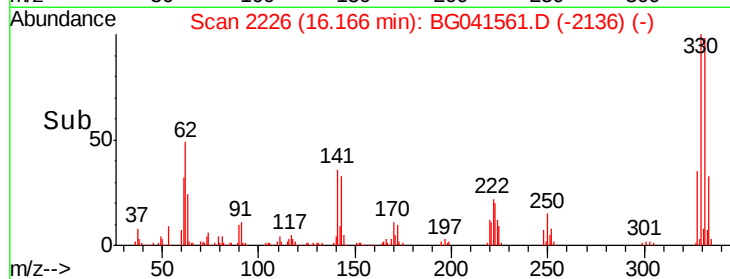
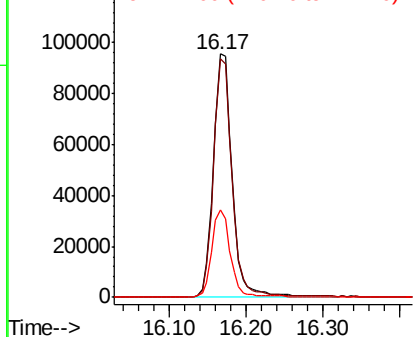
#42
 2,4,6-Tribromophenol
 Concen: 110.074 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.00 min
 Lab File: BG041561.D
 Acq: 1 Jul 2019 16:25

Instrument :
 BNA_G
 ClientSampleId :
 GWMH-13

Tot Ion:330 Resp: 161264
 Ion Ratio Lower Upper
 330 100
 332 97.6 75.5 113.3
 141 35.7 27.8 41.6

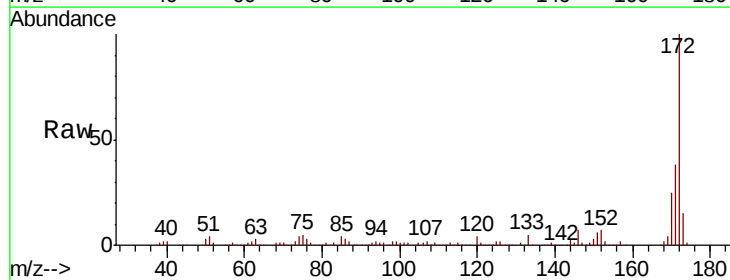


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

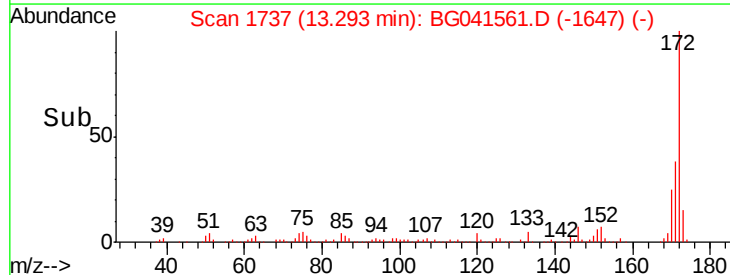
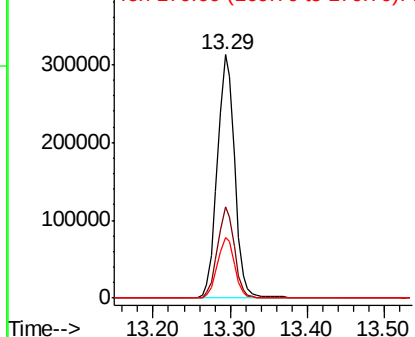


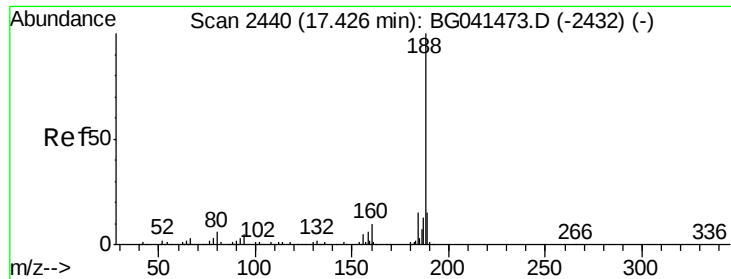
#45
 2-Fluorobiphenyl
 Concen: 72.933 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.00 min
 Lab File: BG041561.D
 Acq: 1 Jul 2019 16:25

Tgt Ion:172 Resp: 487662
 Ion Ratio Lower Upper
 172 100
 171 37.6 29.6 44.4
 170 25.1 20.0 30.0



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

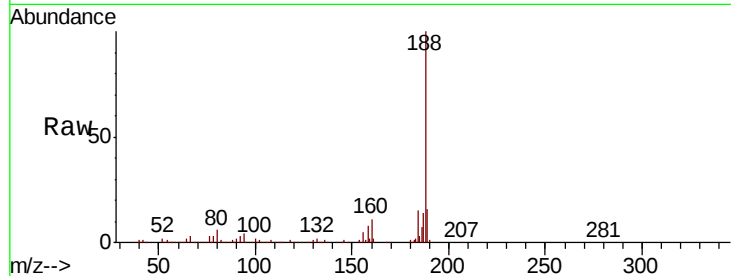




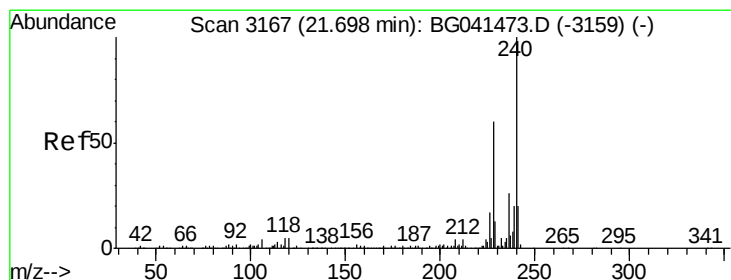
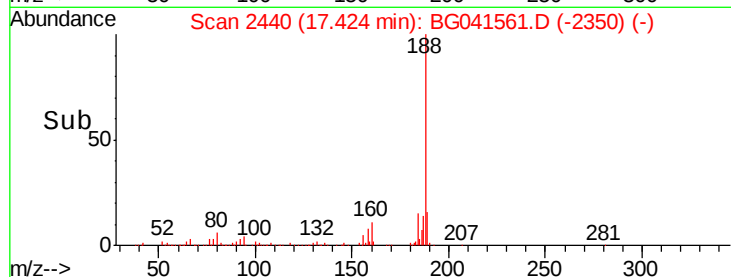
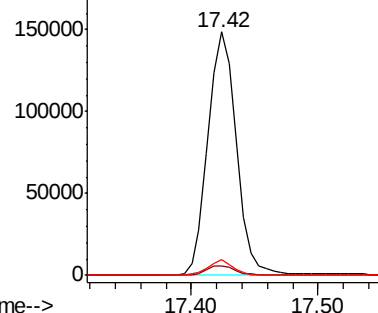
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BG041561.D
Acq: 1 Jul 2019 16:25

Instrument :
BNA_G
ClientSampleId :
GWMH-13

Tot Ion	Ratio	Lower	Upper
188	100		
94	4.1	3.8	5.8
80	6.4	4.8	7.2

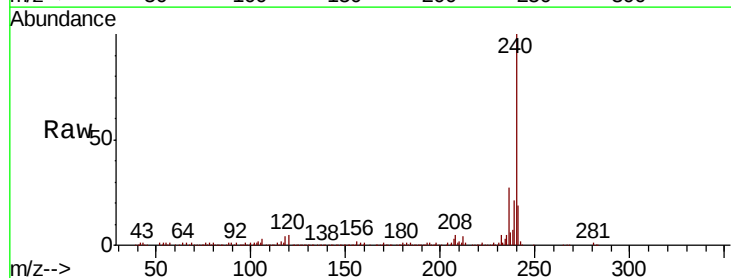


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

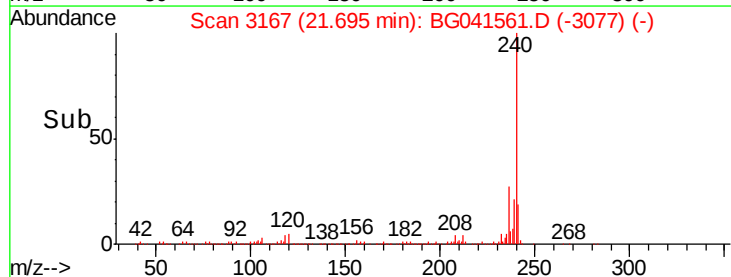
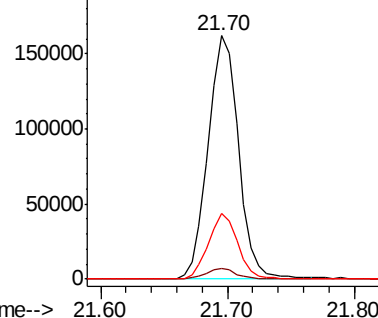


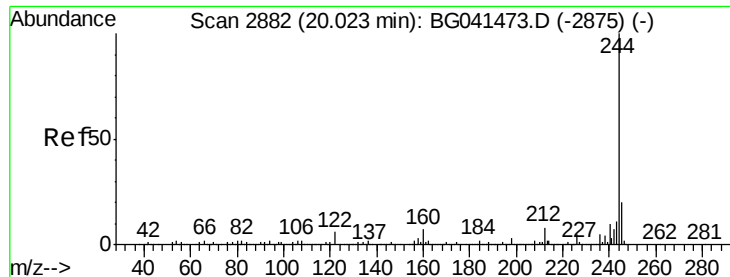
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.00 min
Lab File: BG041561.D
Acq: 1 Jul 2019 16:25

Tgt Ion	Ratio	Lower	Upper
240	100		
120	4.6	3.7	5.5
236	27.1	20.8	31.2



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





#79

Terphenyl-d14

Concen: 83.760 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG041561.D

Acq: 1 Jul 2019 16:25

Instrument :

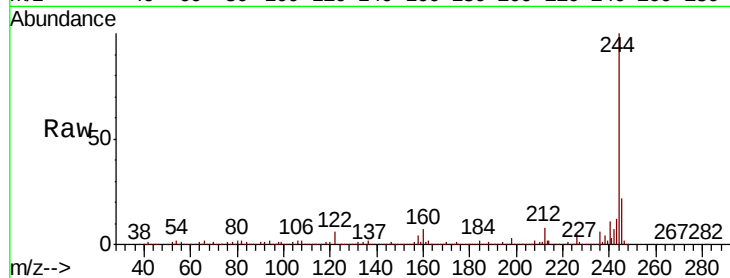
BNA_G

ClientSampled :

GWMH-13

Tot Ion:244 Resp: 1064755

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.2	9.4
122	5.5	4.8	7.2

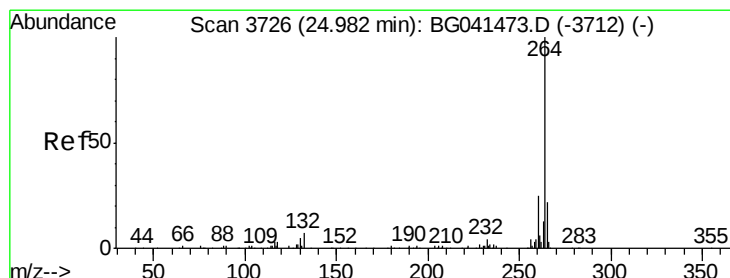
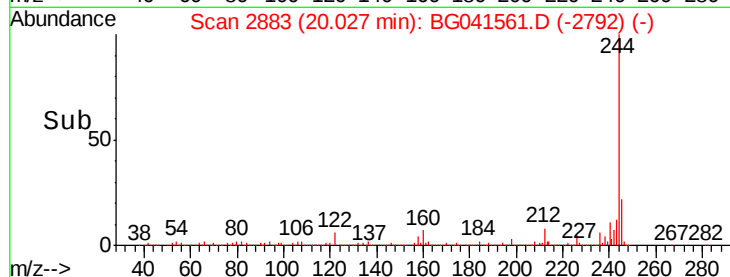
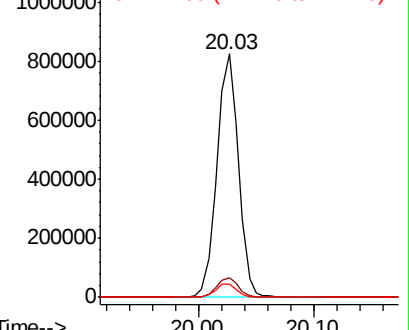


Abundance

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: 24.98 min Scan# 3726

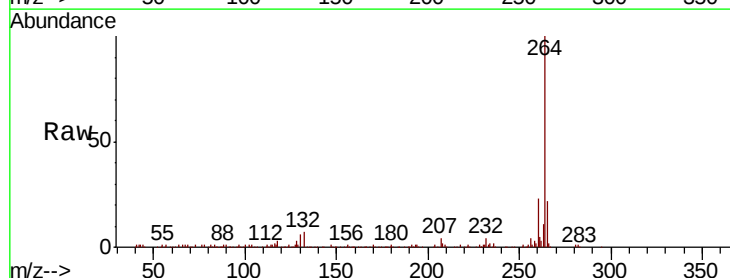
Delta R.T. -0.00 min

Lab File: BG041561.D

Acq: 1 Jul 2019 16:25

Tgt Ion:264 Resp: 299005

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.7	29.5
265	22.1	17.4	26.2



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

