

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062819\
 Data File : BG041509.D
 Acq On : 28 Jun 2019 12:28
 Operator : HP/JU
 Sample : K3485-01RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GWMH-7

Quant Time: Jun 29 01:47:53 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

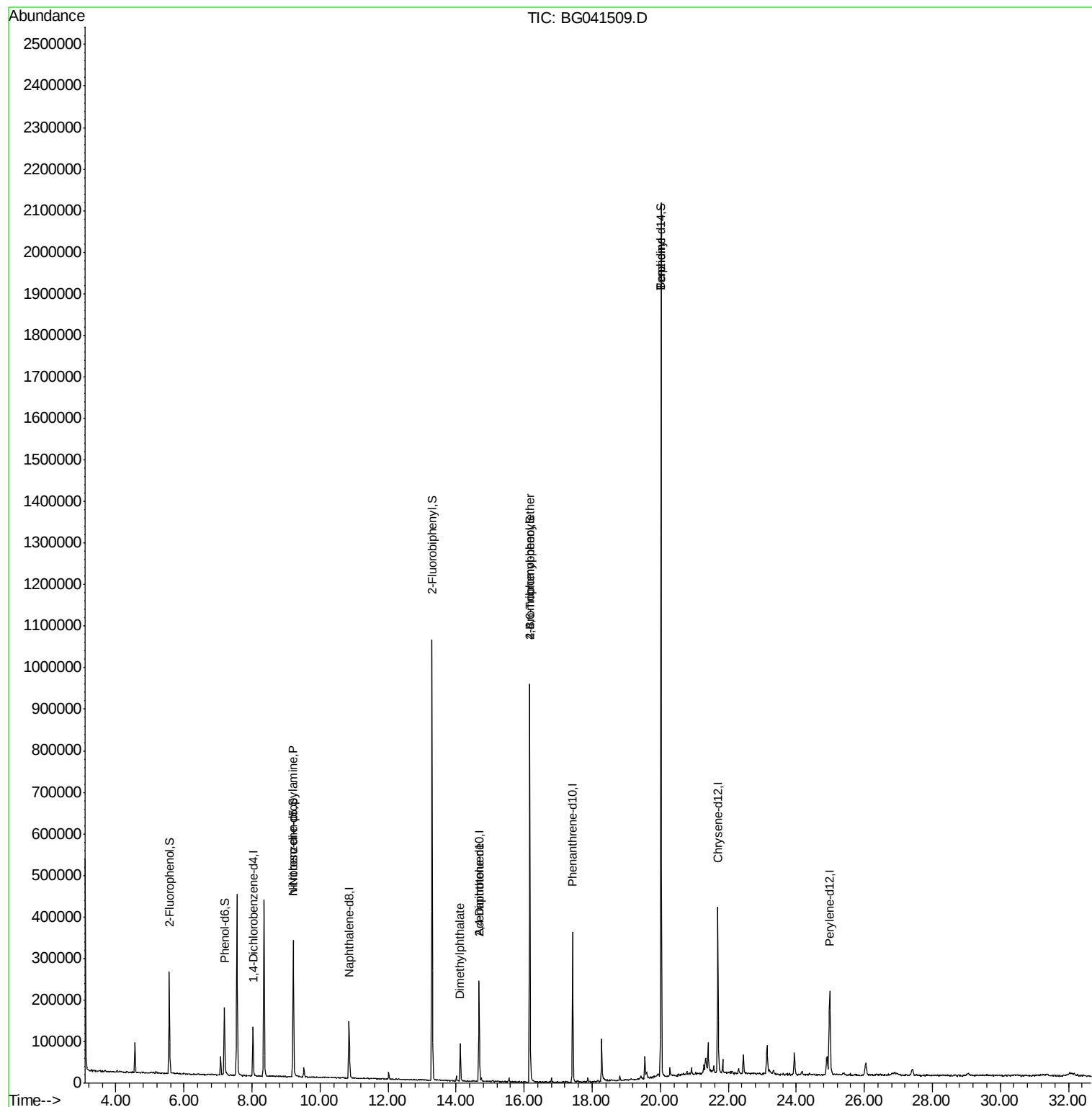
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	31616	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	115804	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	86187	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	231774	20.00	ng	0.00
76) Chrysene-d12	21.69	240	244217	20.00	ng	0.00
87) Perylene-d12	24.99	264	252258	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	98705	55.66	ng	0.00
7) Phenol-d6	7.19	99	91307	36.58	ng	0.00
23) Nitrobenzene-d5	9.21	82	210226	75.71	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	180499	122.66	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	525431	78.23	ng	0.00
79) Terphenyl-d14	20.03	244	987994	85.97	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	30711	16.493	ng	Qvalue # 72
50) Dimethylphthalate	14.12	163	63181	8.056	ng	97
57) 2,4-Dinitrotoluene	14.67	165	11072	4.585	ng	# 22
67) 4-Bromophenyl-phenylether	16.17	248	12561	3.966	ng	# 1
77) Benzidine	20.03	184	16858	3.111	ng	98

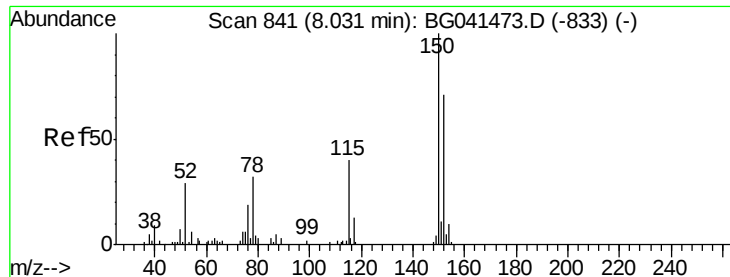
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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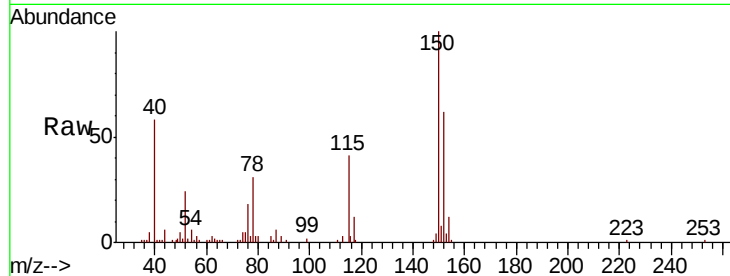


#1

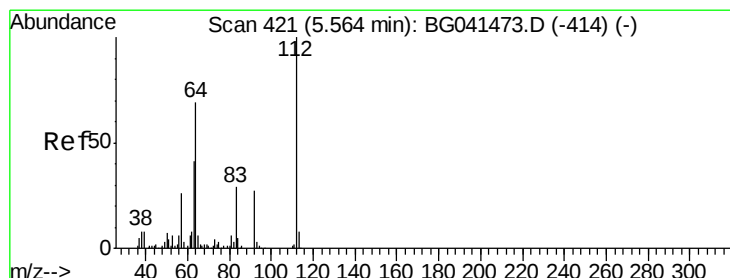
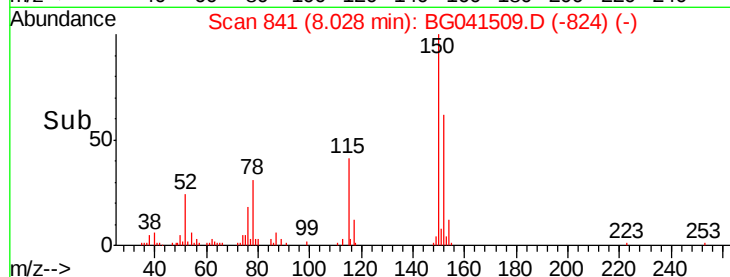
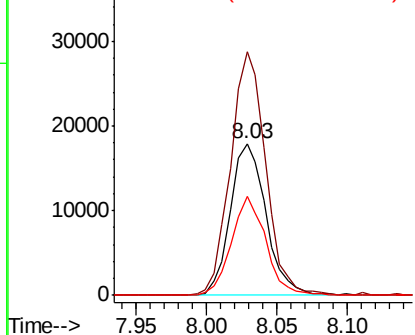
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG041509.D
Acq: 28 Jun 2019 12:28

Instrument :
BNA_G
ClientSampleId :
GWMH-7

Tgt Ion:152 Resp: 31616
Ion Ratio Lower Upper
152 100
150 160.3 112.4 168.6
115 65.5 44.6 66.8



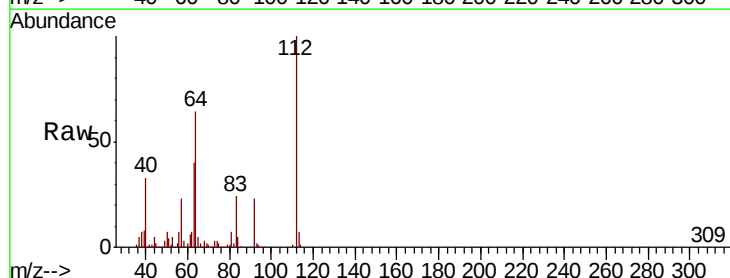
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



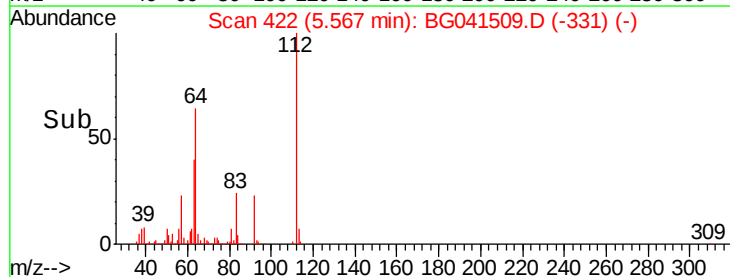
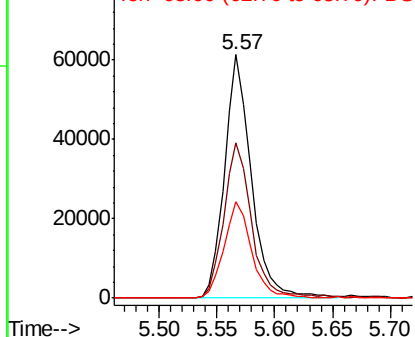
#5

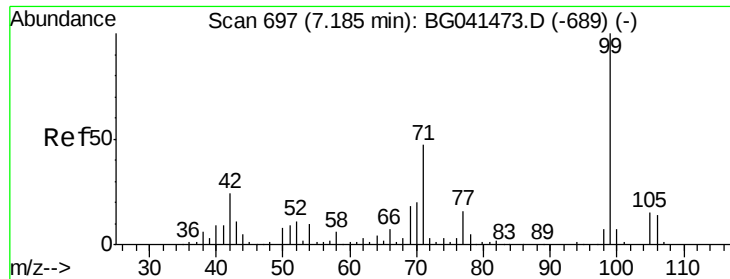
2-Fluorophenol
Concen: 55.661 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.00 min
Lab File: BG041509.D
Acq: 28 Jun 2019 12:28

Tgt Ion:112 Resp: 98705
Ion Ratio Lower Upper
112 100
64 63.6 55.1 82.7
63 39.6 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: 36.576 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG041509.D

Acq: 28 Jun 2019 12:28

Instrument :

BNA_G

ClientSampleId :

GWMH-7

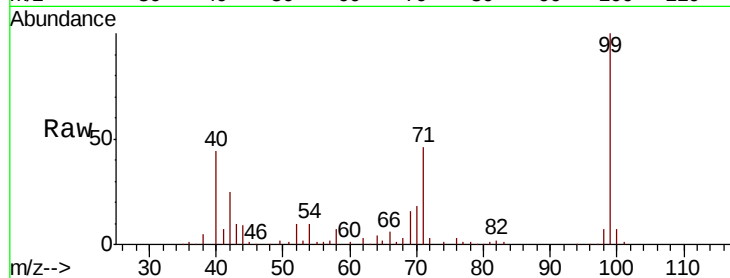
Tgt Ion: 99 Resp: 91307

Ion Ratio Lower Upper

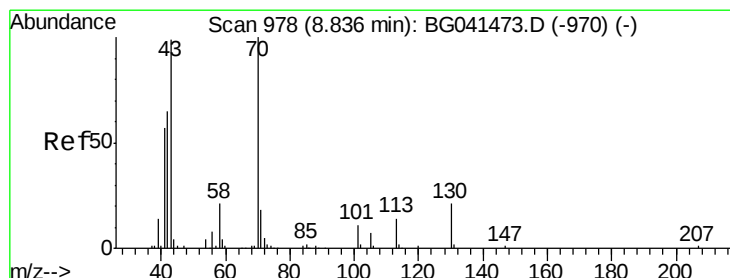
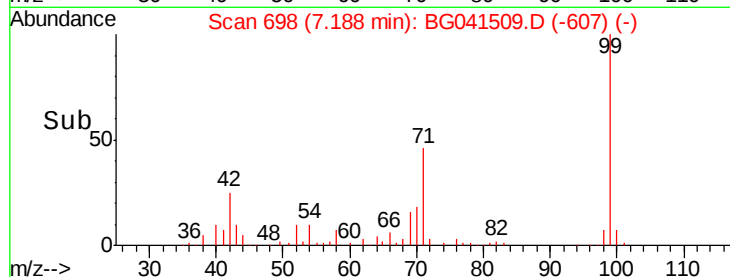
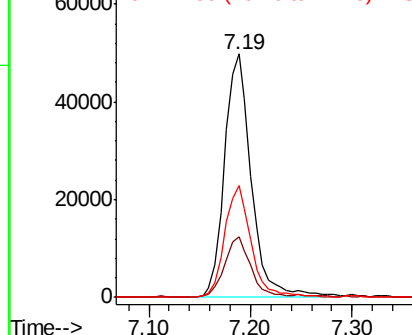
99 100

42 24.9 19.0 28.6

71 45.8 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



#19

n-Nitroso-di-n-propylamine

Concen: 16.493 ng

RT: 9.22 min Scan# 1043

Delta R.T. 0.38 min

Lab File: BG041509.D

Acq: 28 Jun 2019 12:28

Tgt Ion: 70 Resp: 30711

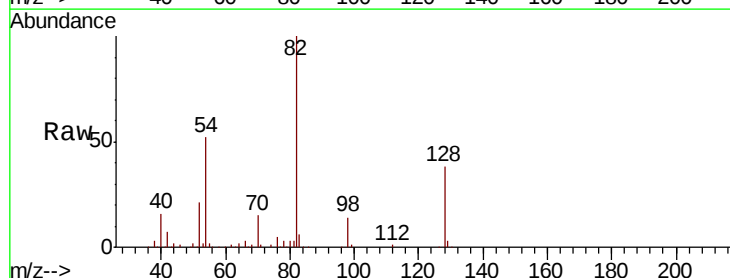
Ion Ratio Lower Upper

70 100

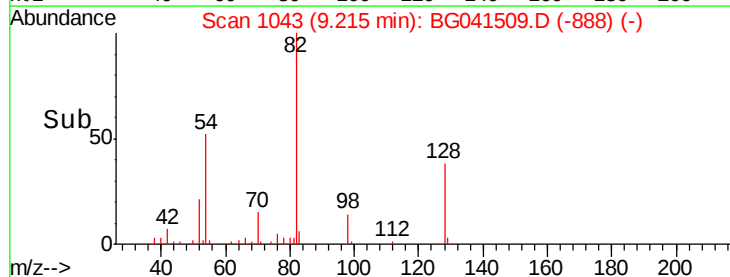
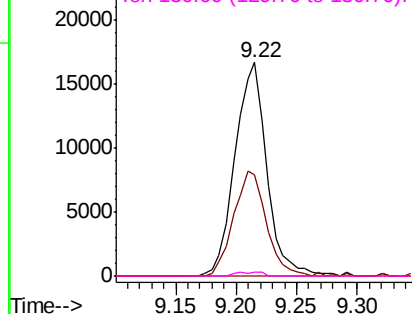
42 47.2 52.6 78.8#

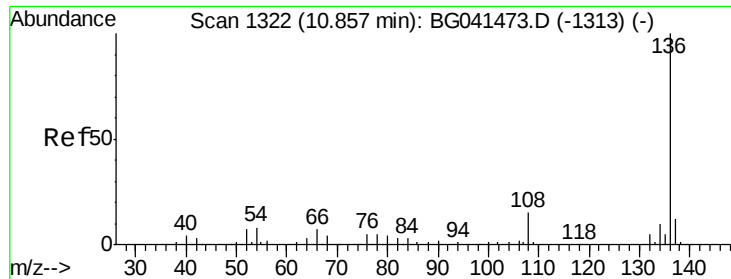
101 0.0 8.6 13.0#

130 1.5 16.6 25.0#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

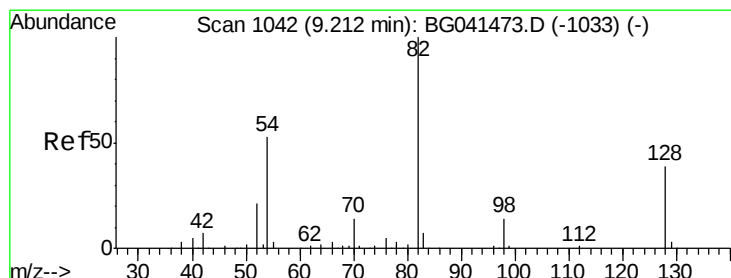
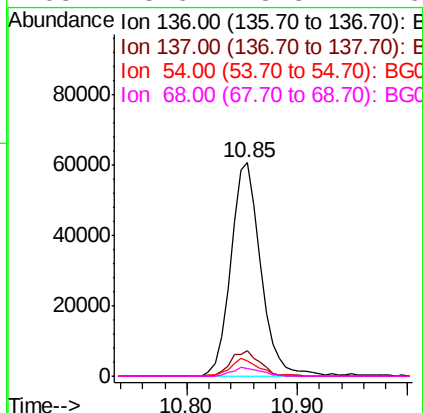
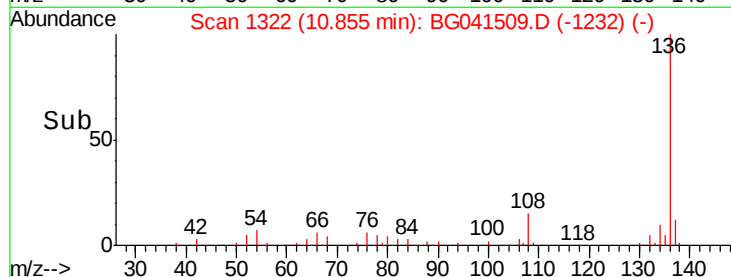
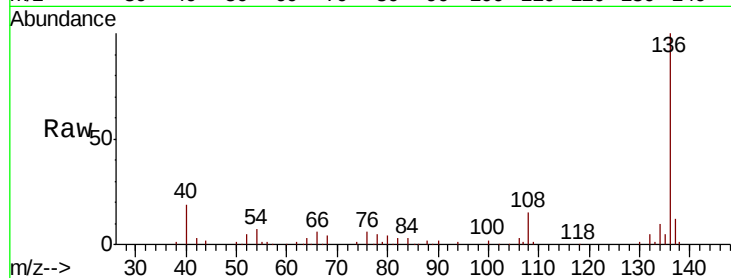




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG041509.D
Acq: 28 Jun 2019 12:28

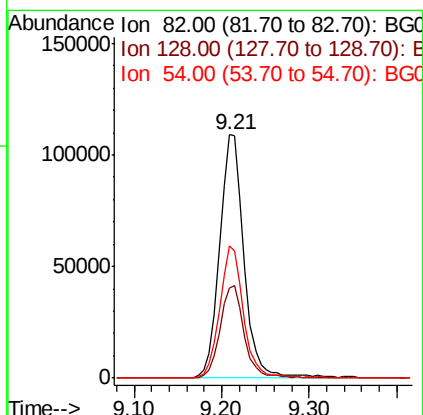
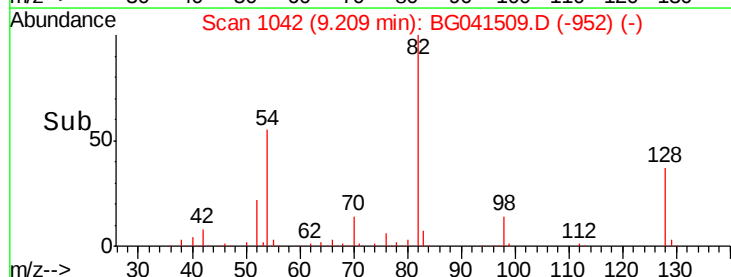
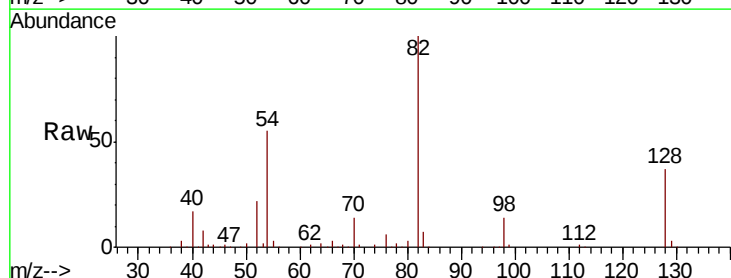
Instrument :
BNA_G
ClientSampleId :
GWMH-7

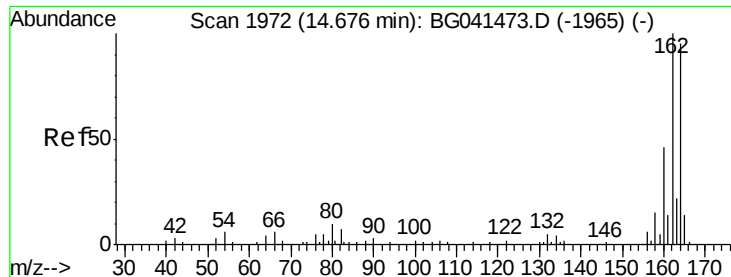
Tgt Ion:	136	Resp:	115804
Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.3	13.9
54	7.3	7.1	10.7
68	3.6	3.3	4.9



#23
Nitrobenzene-d5
Concen: 75.713 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG041509.D
Acq: 28 Jun 2019 12:28

Tgt Ion:	82	Resp:	210226
Ion	Ratio	Lower	Upper
82	100		
128	37.0	30.9	46.3
54	54.6	42.2	63.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1972

Delta R.T. -0.00 min

Lab File: BG041509.D

Acq: 28 Jun 2019 12:28

Instrument :

BNA_G

ClientSampleId :

GWMH-7

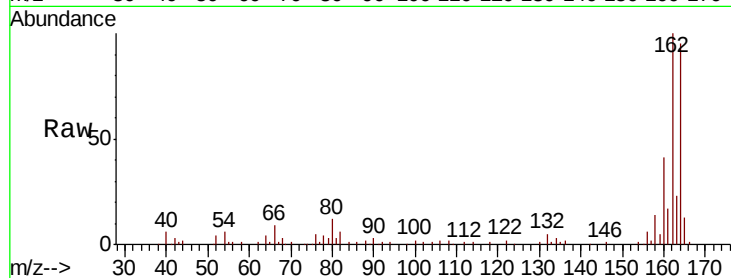
Tgt Ion:164 Resp: 86187

Ion Ratio Lower Upper

164 100

162 105.5 84.4 126.6

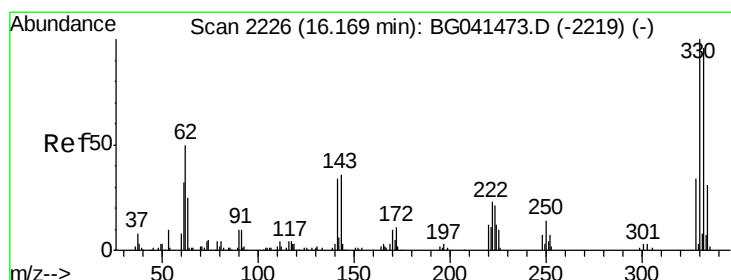
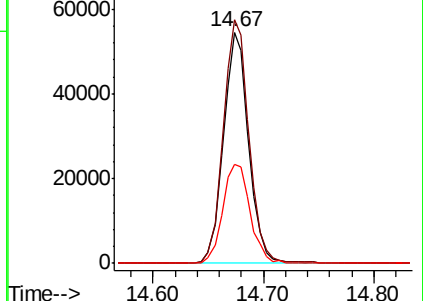
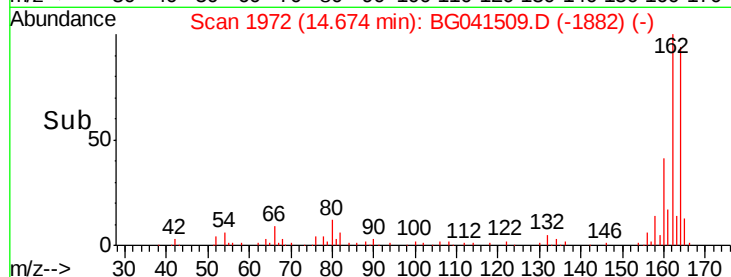
160 43.1 38.8 58.2



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: 122.656 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.00 min

Lab File: BG041509.D

Acq: 28 Jun 2019 12:28

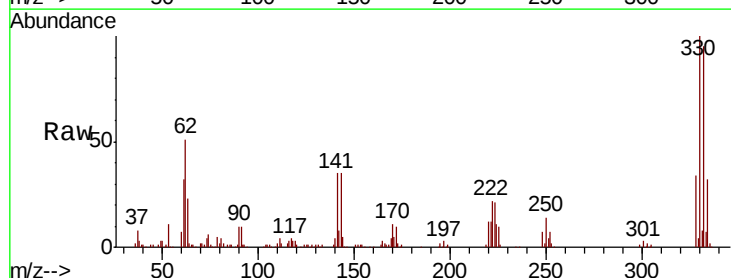
Tgt Ion:330 Resp: 180499

Ion Ratio Lower Upper

330 100

332 95.3 75.5 113.3

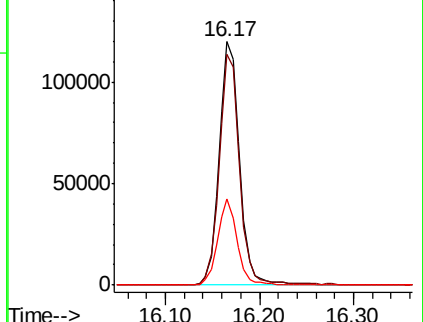
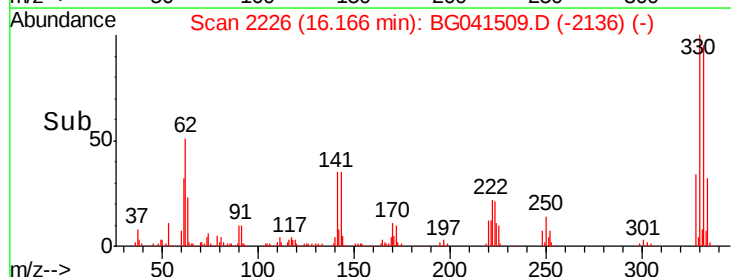
141 34.1 27.8 41.6

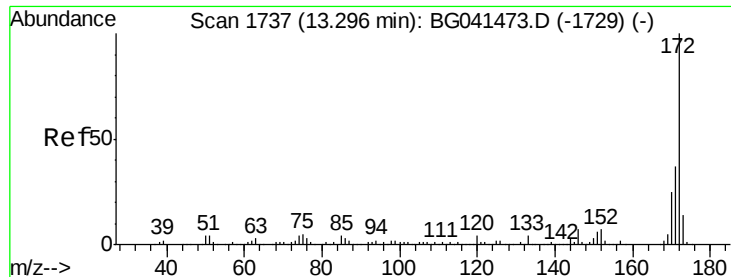


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

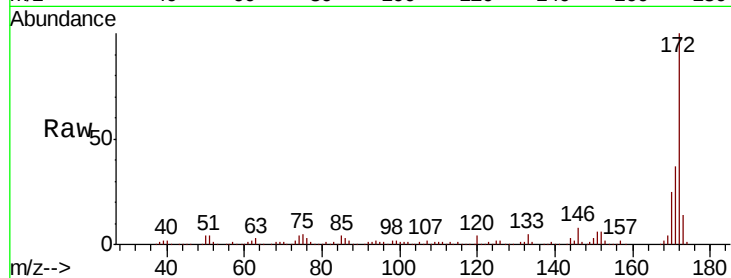




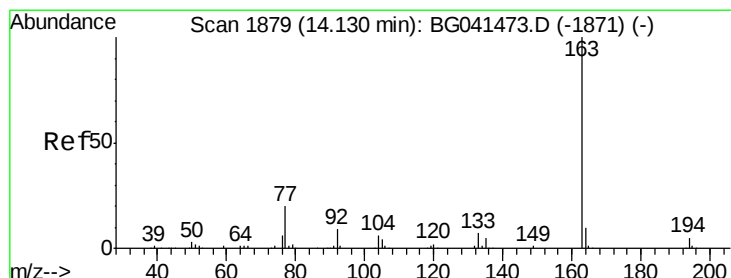
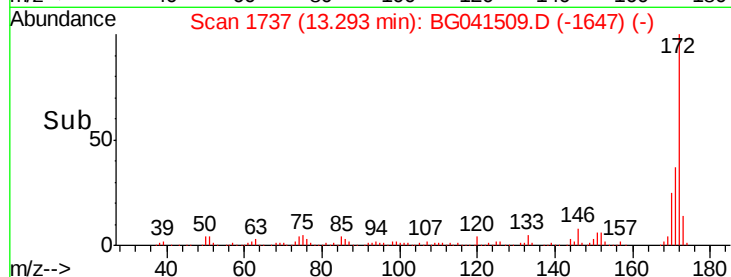
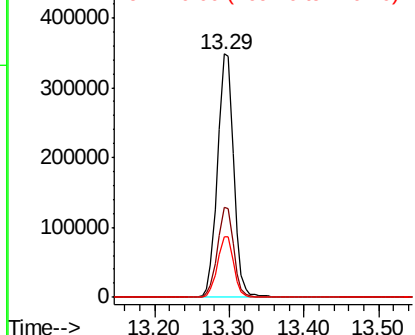
#45
 2-Fluorobiphenyl
 Concen: 78.233 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.00 min
 Lab File: BG041509.D
 Acq: 28 Jun 2019 12:28

Instrument :
 BNA_G
 ClientSampleId :
 GWMH-7

Tgt Ion:172 Resp: 525431
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.6 44.4
 170 24.6 20.0 30.0

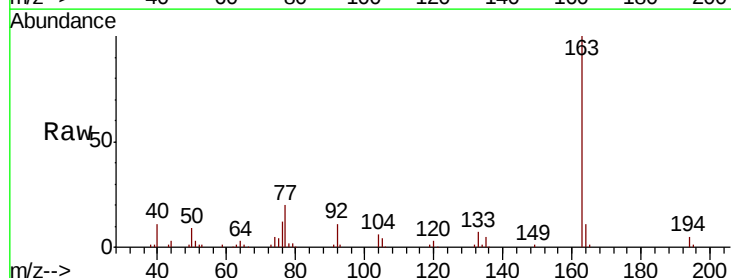


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

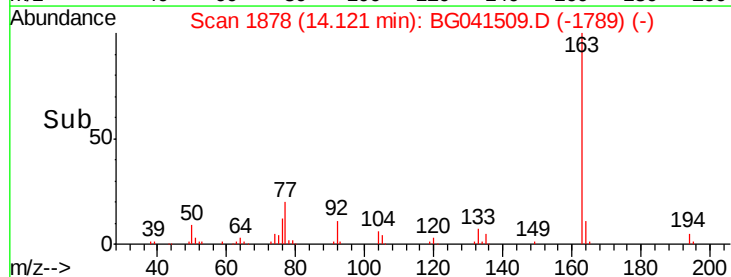
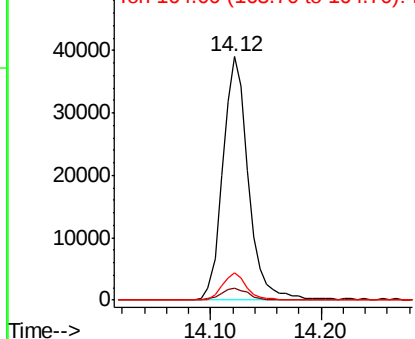


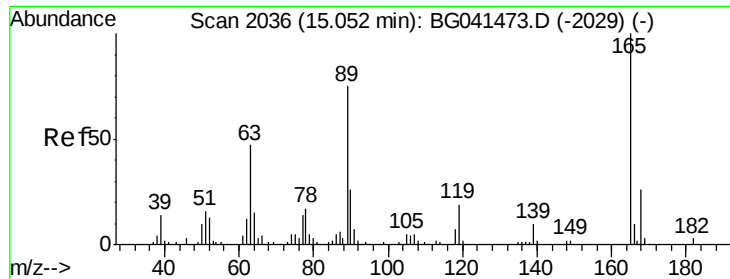
#50
 Dimethylphthalate
 Concen: 8.056 ng
 RT: 14.12 min Scan# 1878
 Delta R.T. -0.01 min
 Lab File: BG041509.D
 Acq: 28 Jun 2019 12:28

Tgt Ion:163 Resp: 63181
 Ion Ratio Lower Upper
 163 100
 194 4.7 3.7 5.5
 164 11.4 7.8 11.6



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

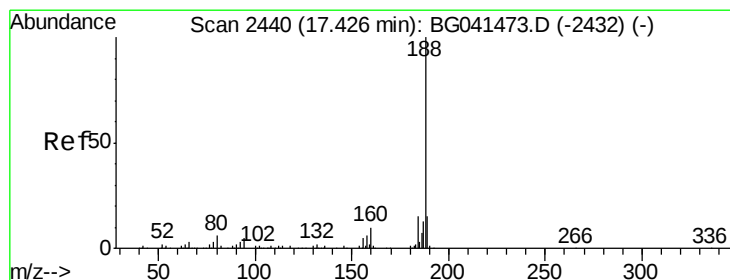
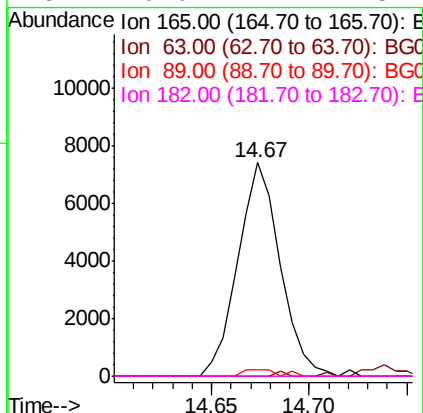
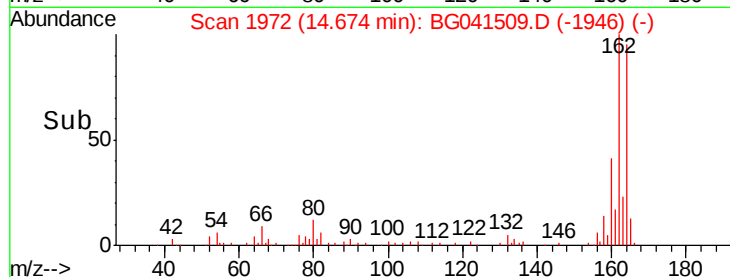
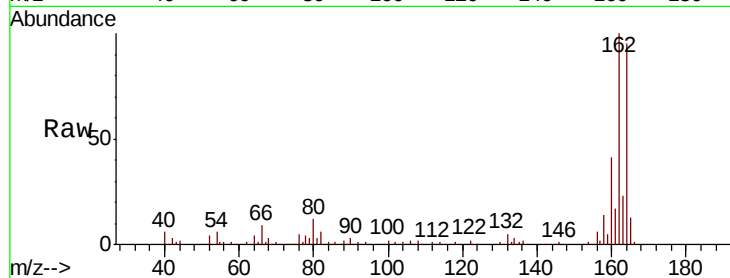




#57
 2,4-Dinitrotoluene
 Concen: 4.585 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.38 min
 Lab File: BG041509.D
 Acq: 28 Jun 2019 12:28

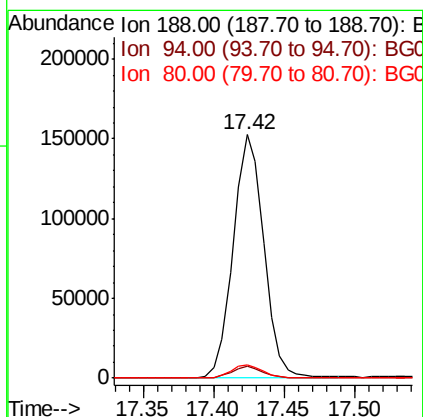
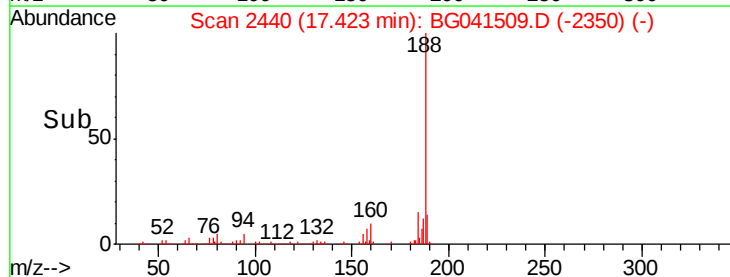
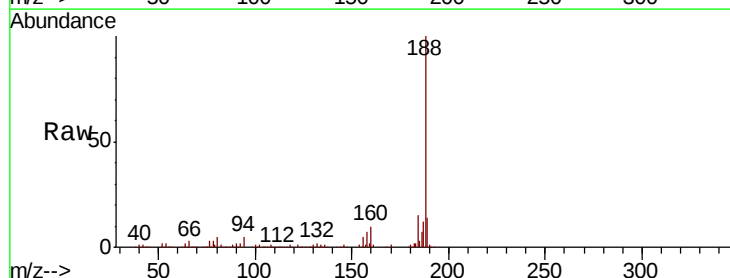
Instrument :
 BNA_G
 ClientSampleId :
 GWMH-7

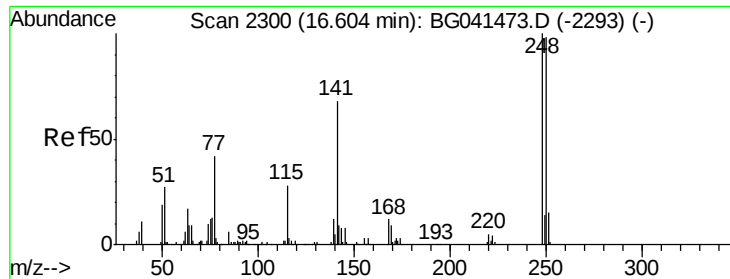
Tgt Ion:165 Resp: 11072
 Ion Ratio Lower Upper
 165 100
 63 0.0 38.8 58.2#
 89 3.3 60.1 90.1#
 182 0.0 2.2 3.2#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2440
 Delta R.T. -0.00 min
 Lab File: BG041509.D
 Acq: 28 Jun 2019 12:28

Tgt Ion:188 Resp: 231774
 Ion Ratio Lower Upper
 188 100
 94 4.8 3.8 5.8
 80 5.3 4.8 7.2

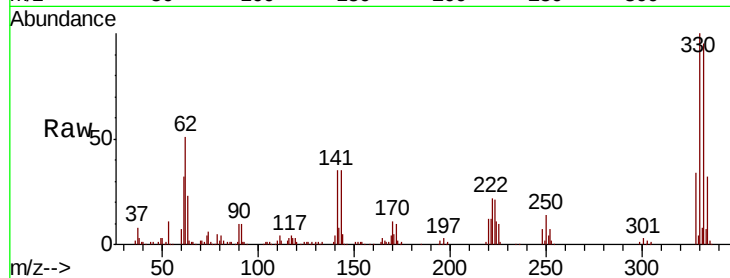




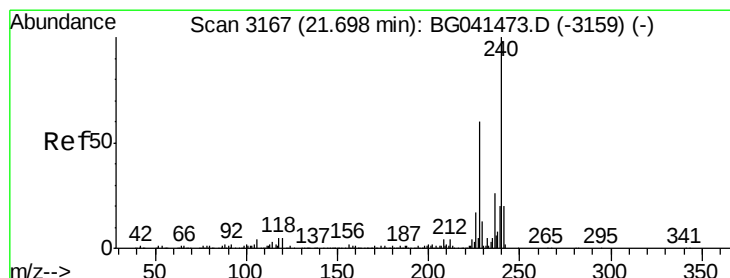
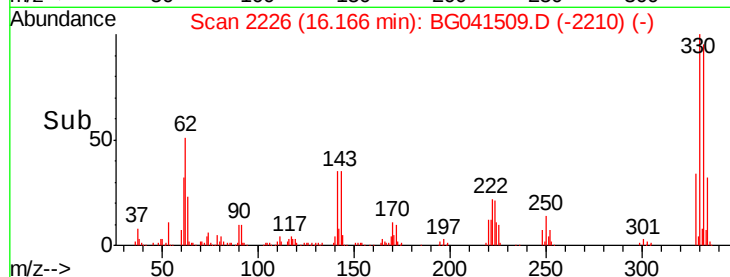
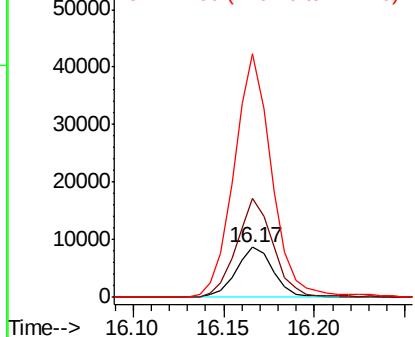
#67
4-Bromophenyl-phenylether
Concen: 3.966 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.44 min
Lab File: BG041509.D
Acq: 28 Jun 2019 12:28

Instrument :
BNA_G
ClientSampled :
GWMH-7

Tgt Ion:248 Resp: 12561
Ion Ratio Lower Upper
248 100
250 199.7 78.1 117.1#
141 489.5 54.1 81.1#

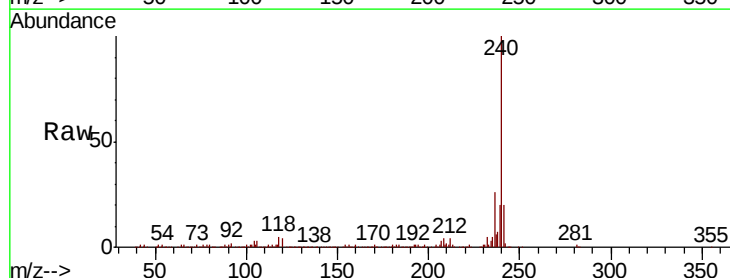


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

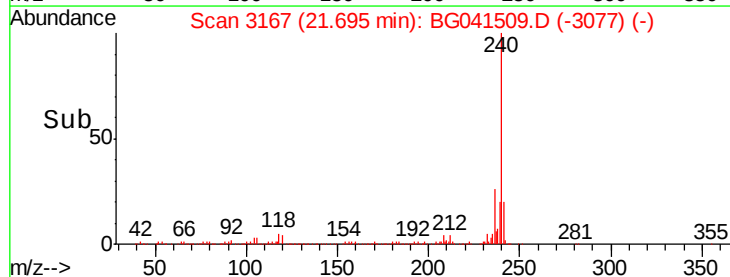
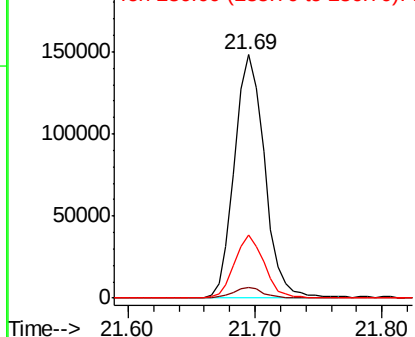


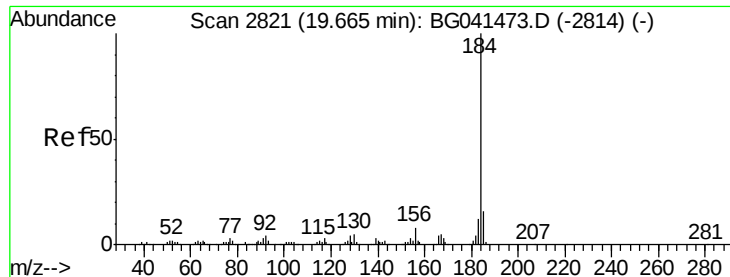
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3167
Delta R.T. -0.00 min
Lab File: BG041509.D
Acq: 28 Jun 2019 12:28

Tgt Ion:240 Resp: 244217
Ion Ratio Lower Upper
240 100
120 4.1 3.7 5.5
236 25.8 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





#77

Benzidine

Concen: 3.111 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.36 min

Lab File: BG041509.D

Acq: 28 Jun 2019 12:28

Instrument :

BNA_G

ClientSampleId :

GWMH-7

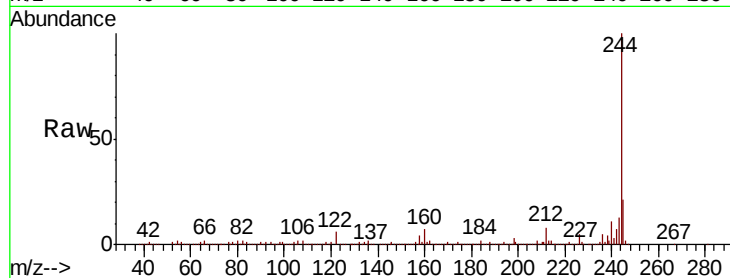
Tgt Ion:184 Resp: 16858

Ion Ratio Lower Upper

184 100

185 15.9 12.7 19.1

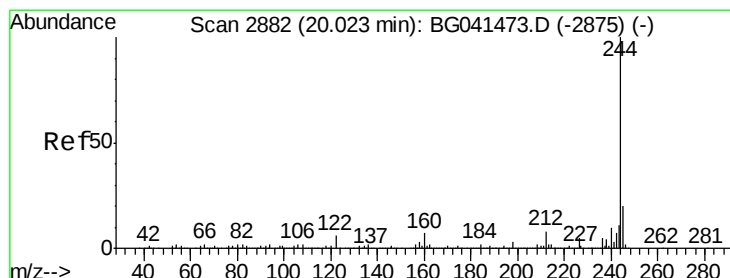
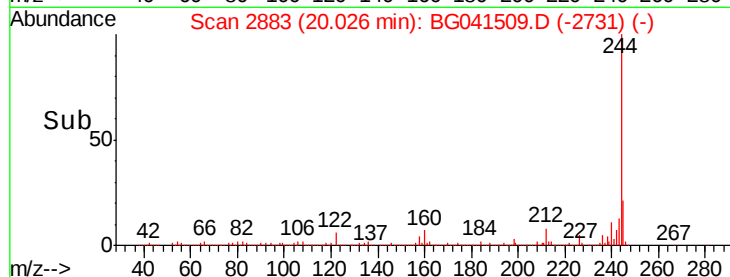
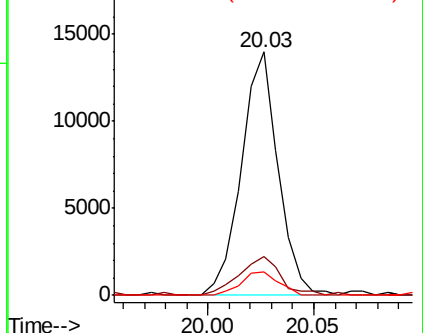
183 9.9 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 85.971 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG041509.D

Acq: 28 Jun 2019 12:28

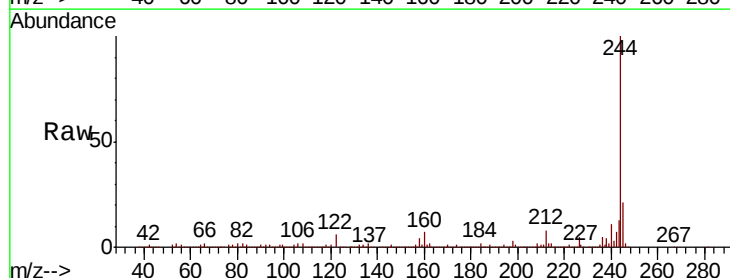
Tgt Ion:244 Resp: 987994

Ion Ratio Lower Upper

244 100

212 8.4 6.2 9.4

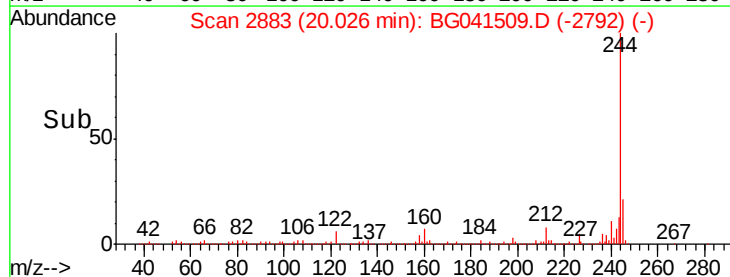
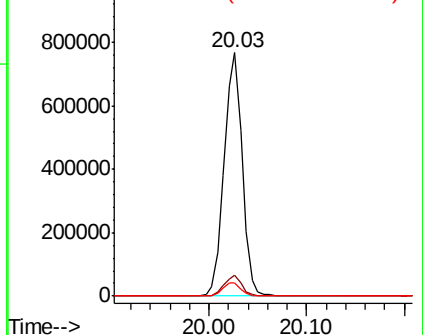
122 5.6 4.8 7.2

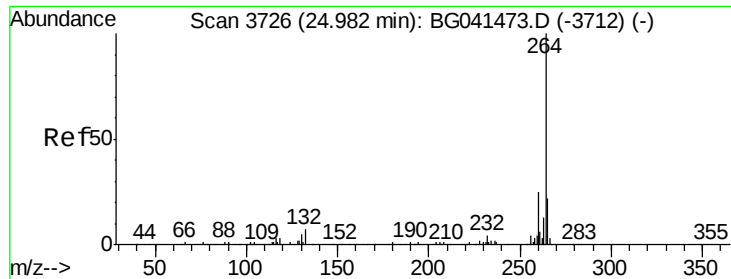


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.99 min Scan# 3727
Delta R.T. 0.00 min
Lab File: BG041509.D
Acq: 28 Jun 2019 12:28

Instrument :
BNA_G
ClientSampleId :
GWMH-7

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.7	29.5
265	21.2	17.4	26.2

