

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122920\
 Data File : BG047839.D
 Acq On : 29 Dec 2020 16:58
 Operator : CG/JU
 Sample : L5227-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OWL-C1-GW

Quant Time: Dec 29 17:37:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 17 15:55:16 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

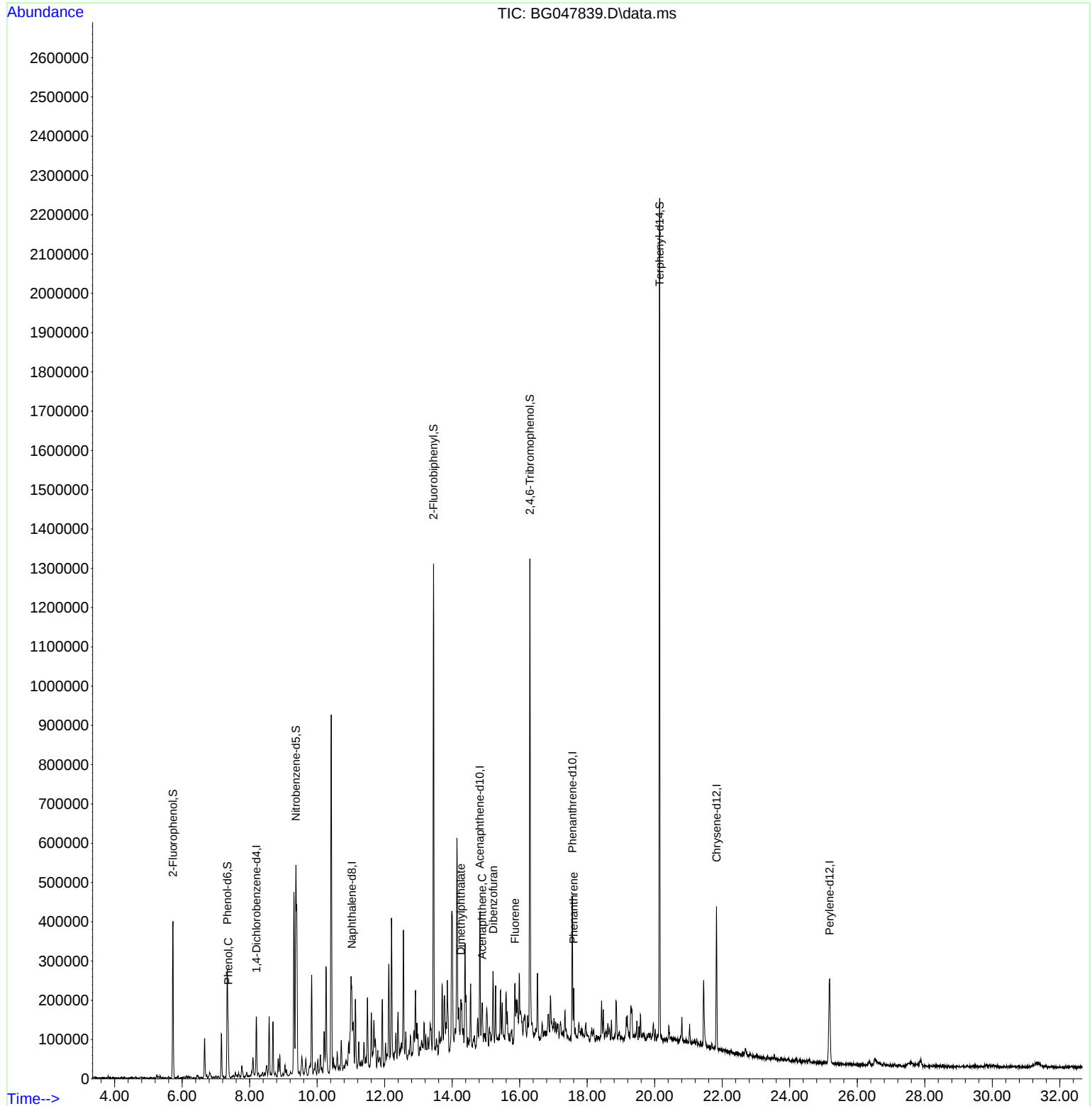
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.200	152	38100	20.00	ng	0.00
21) Naphthalene-d8	11.027	136	133672	20.00	ng	# 0.00
39) Acenaphthene-d10	14.822	164	101473	20.00	ng	0.00
64) Phenanthrene-d10	17.560	188	229511	20.00	ng	# 0.00
76) Chrysene-d12	21.832	240	223124	20.00	ng	# 0.00
86) Perylene-d12	25.181	264	247124	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.727	112	143193	65.02	ng	0.00
7) Phenol-d6	7.337	99	127948	39.74	ng	0.00
23) Nitrobenzene-d5	9.370	82	302045	83.11	ng	0.00
42) 2,4,6-Tribromophenol	16.303	330	207664	119.88	ng	0.00
45) 2-Fluorobiphenyl	13.447	172	611866	78.03	ng	0.00
79) Terphenyl-d14	20.145	244	933598	68.95	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.366	94	52195	17.88	ng	# 59
50) Dimethylphthalate	14.258	163	59477	6.80	ng	# 96
52) Acenaphthene	14.887	154	27954	4.24	ng	# 94
55) Dibenzofuran	15.216	168	28247	2.96	ng	# 70
58) Fluorene	15.862	166	52244	6.44	ng	95
71) Phenanthrene	17.601	178	78817	6.37	ng	97

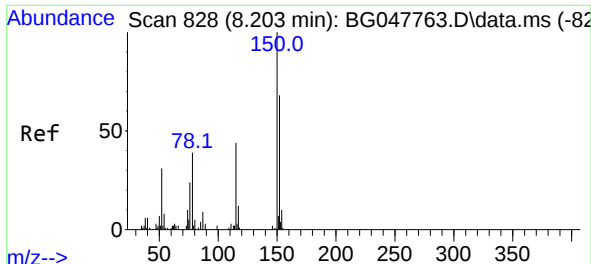
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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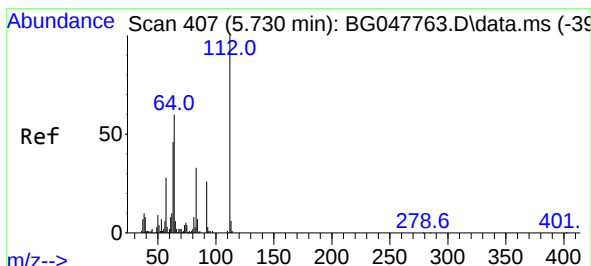
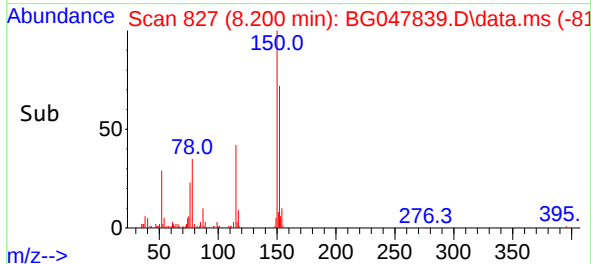
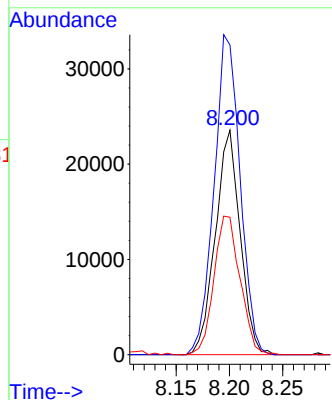
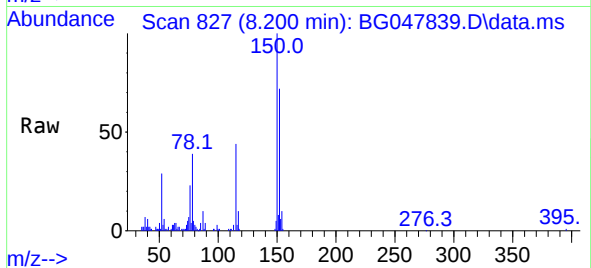




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.200 min Scan# 827
Delta R.T. -0.002 min
Lab File: BG047839.D
Acq: 29 Dec 2020 16:58

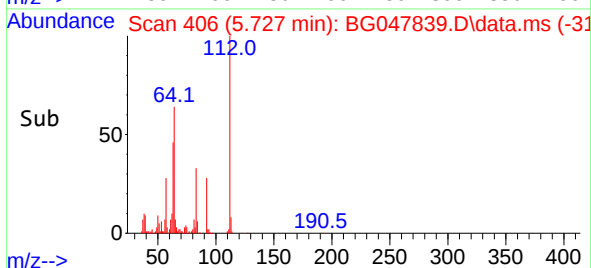
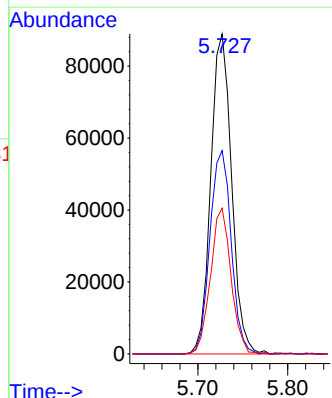
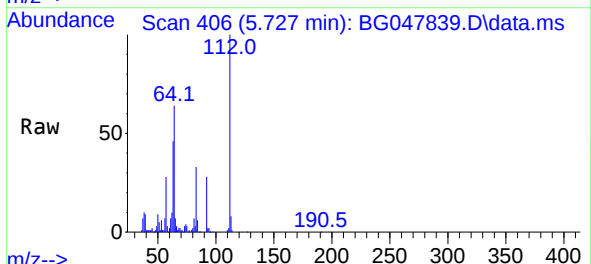
Instrument :
BNA_G
ClientSampleId :
OWL-C1-GW

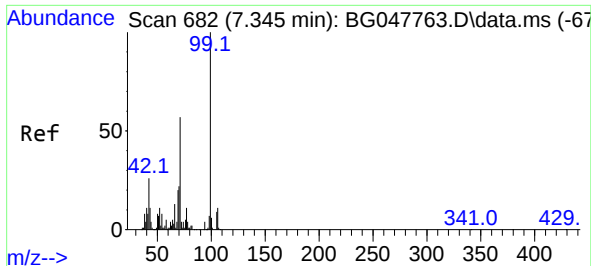
Tgt Ion:152 Resp: 38100
Ion Ratio Lower Upper
152 100
150 138.0 125.0 187.6
115 61.2 41.8 62.6



#5
2-Fluorophenol
Concen: 65.02 ng
RT: 5.727 min Scan# 406
Delta R.T. -0.003 min
Lab File: BG047839.D
Acq: 29 Dec 2020 16:58

Tgt Ion:112 Resp: 143193
Ion Ratio Lower Upper
112 100
64 63.6 46.7 70.1
63 45.6 22.8 34.2#

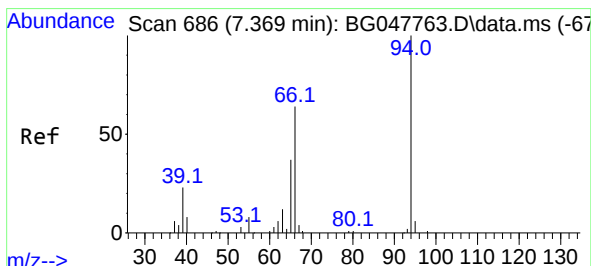
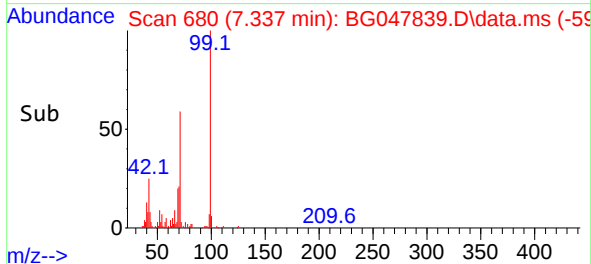
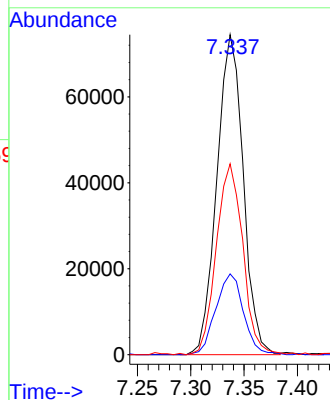
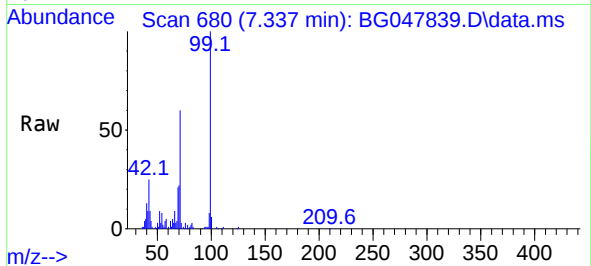




#7
Phenol-d6
Concen: 39.74 ng
RT: 7.337 min Scan# 680
Delta R.T. -0.009 min
Lab File: BG047839.D
Acq: 29 Dec 2020 16:58

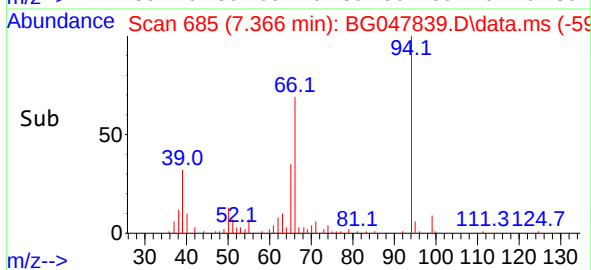
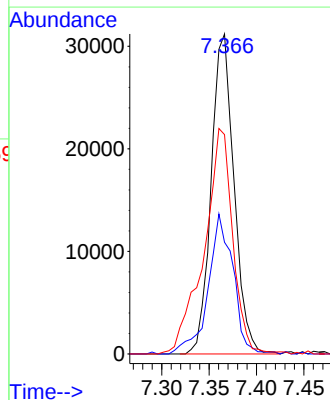
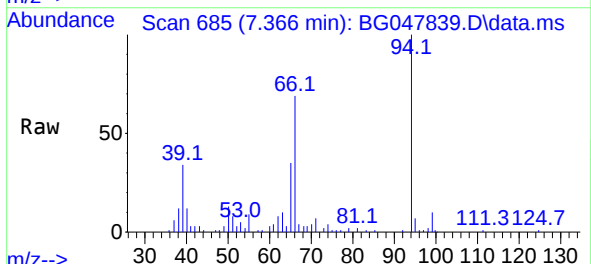
Instrument :
BNA_G
ClientSampleId :
OWL-C1-GW

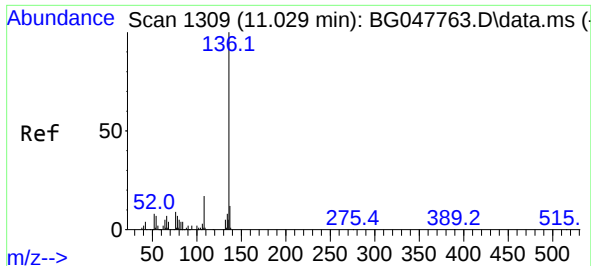
Tgt Ion: 99 Resp: 127948
Ion Ratio Lower Upper
99 100
42 25.2 12.8 19.2#
71 59.7 24.6 36.8#



#10
Phenol
Concen: 17.88 ng
RT: 7.366 min Scan# 685
Delta R.T. -0.003 min
Lab File: BG047839.D
Acq: 29 Dec 2020 16:58

Tgt Ion: 94 Resp: 52195
Ion Ratio Lower Upper
94 100
65 34.9 6.6 46.6
66 68.6 13.9 53.9#



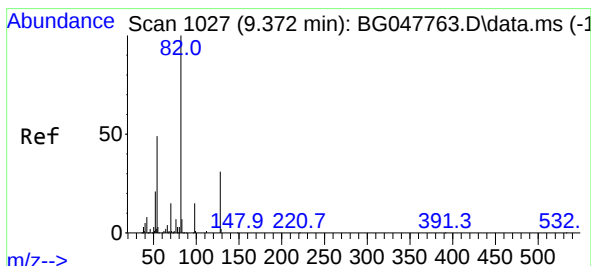
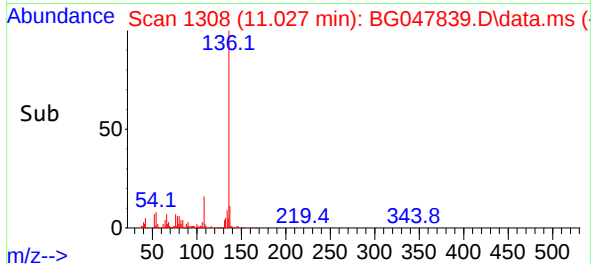
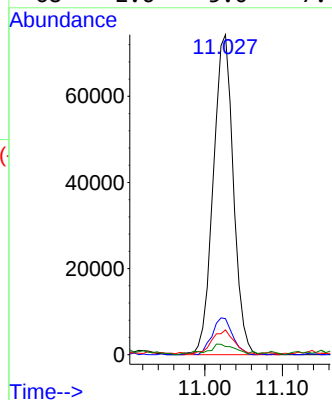
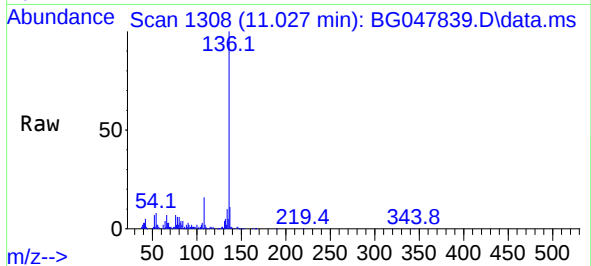


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.027 min Scan# 1308
Delta R.T. -0.003 min
Lab File: BG047839.D
Acq: 29 Dec 2020 16:58

Instrument :
BNA_G
ClientSampleId :
OWL-C1-GW

Tgt Ion:136 Resp: 133672

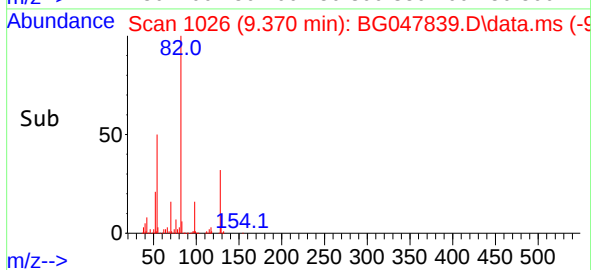
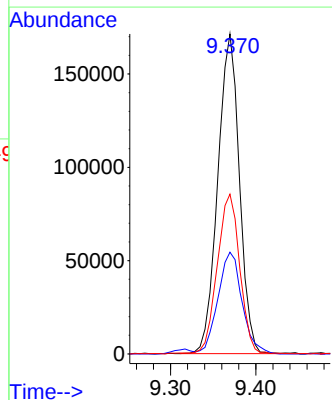
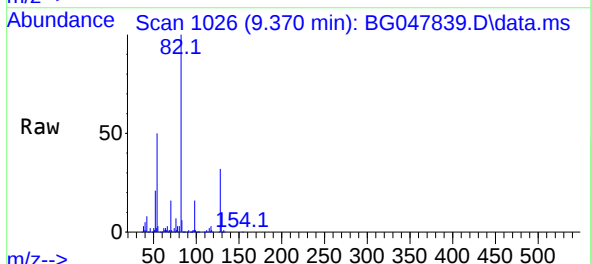
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	7.7	6.2	9.4
68	2.6	5.0	7.4

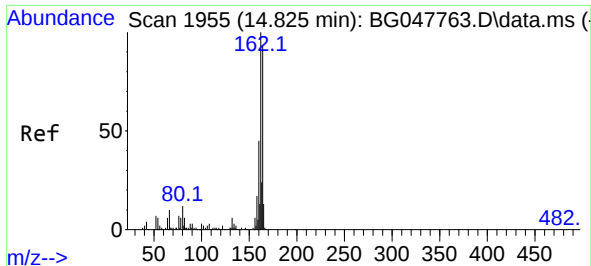


#23
Nitrobenzene-d5
Concen: 83.11 ng
RT: 9.370 min Scan# 1026
Delta R.T. -0.003 min
Lab File: BG047839.D
Acq: 29 Dec 2020 16:58

Tgt Ion: 82 Resp: 302045

Ion	Ratio	Lower	Upper
82	100		
128	31.8	37.0	55.6
54	50.0	39.0	58.4

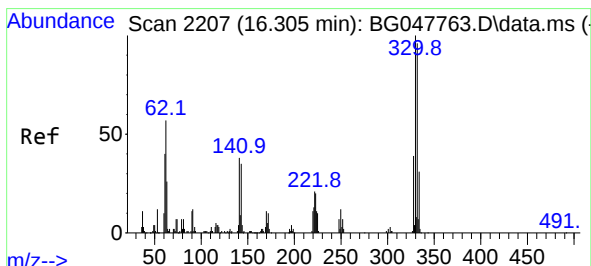
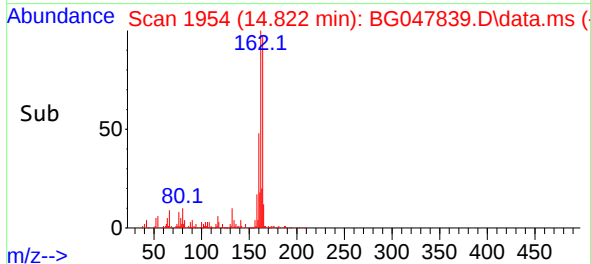
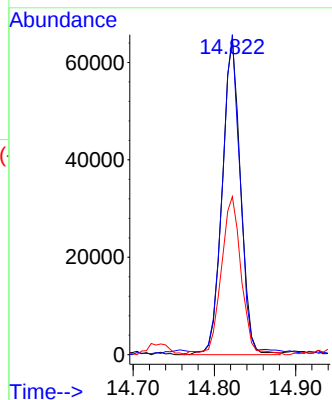
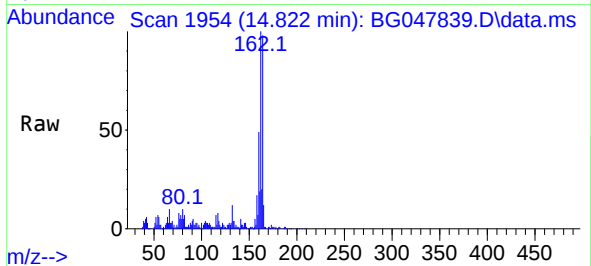




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.822 min Scan# 1954
Delta R.T. -0.003 min
Lab File: BG047839.D
Acq: 29 Dec 2020 16:58

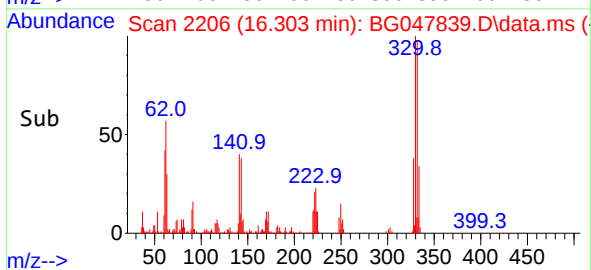
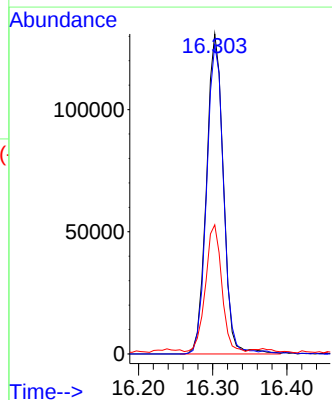
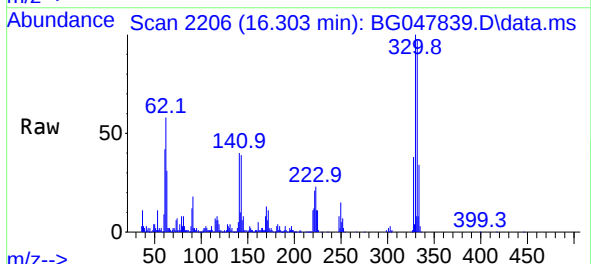
Instrument :
BNA_G
ClientSampleId :
OWL-C1-GW

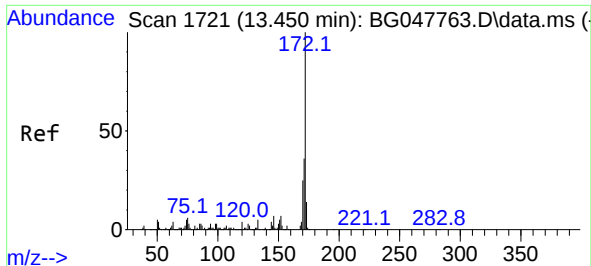
Tgt Ion:164 Resp: 101473
Ion Ratio Lower Upper
164 100
162 101.8 82.3 123.5
160 50.3 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 119.88 ng
RT: 16.303 min Scan# 2206
Delta R.T. -0.003 min
Lab File: BG047839.D
Acq: 29 Dec 2020 16:58

Tgt Ion:330 Resp: 207664
Ion Ratio Lower Upper
330 100
332 97.5 76.5 114.7
141 38.8 26.0 39.0

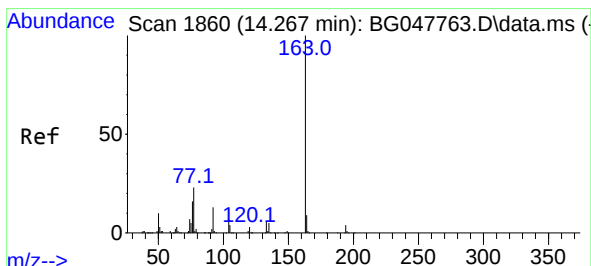
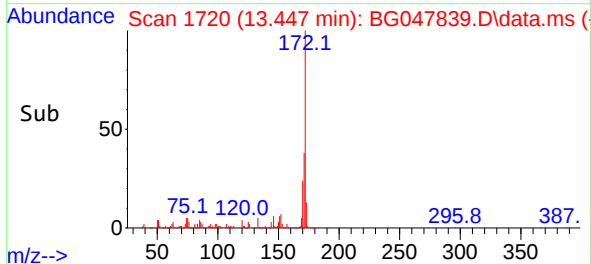
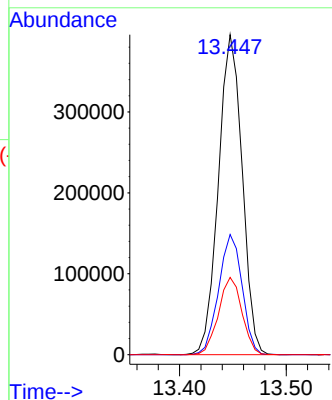
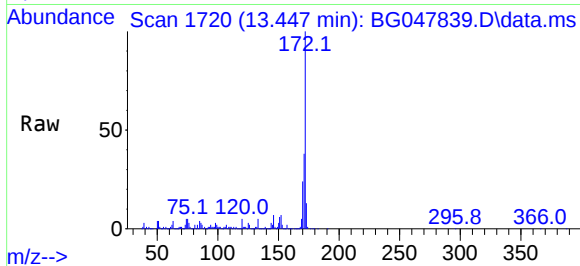




#45
2-Fluorobiphenyl
Concen: 78.03 ng
RT: 13.447 min Scan# 1720
Delta R.T. -0.003 min
Lab File: BG047839.D
Acq: 29 Dec 2020 16:58

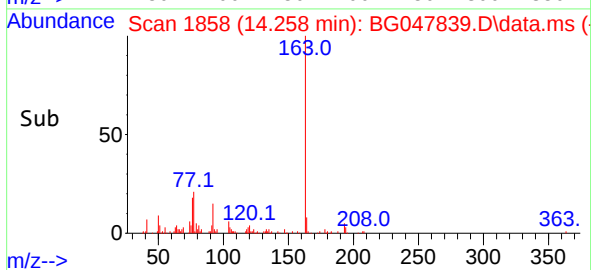
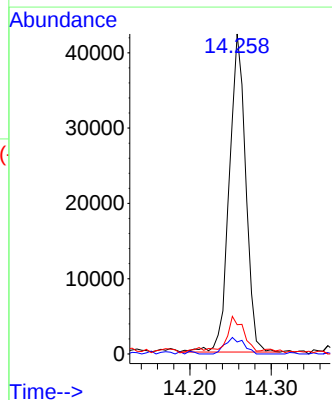
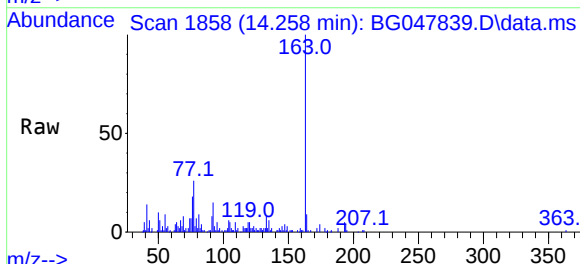
Instrument :
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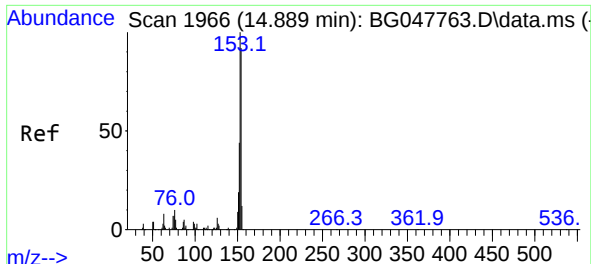
Tgt Ion:172 Resp: 611866
Ion Ratio Lower Upper
172 100
171 37.5 31.3 46.9
170 24.1 20.8 31.2



#50
Dimethylphthalate
Concen: 6.80 ng
RT: 14.258 min Scan# 1858
Delta R.T. -0.009 min
Lab File: BG047839.D
Acq: 29 Dec 2020 16:58

Tgt Ion:163 Resp: 59477
Ion Ratio Lower Upper
163 100
194 3.8 3.8 5.8#
164 9.2 8.8 13.2

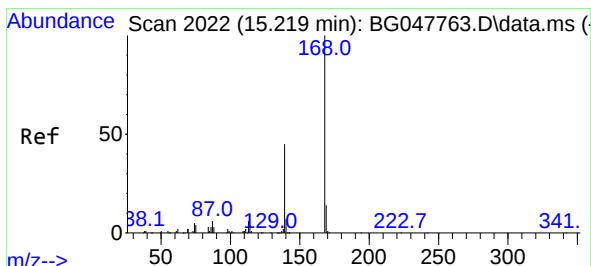
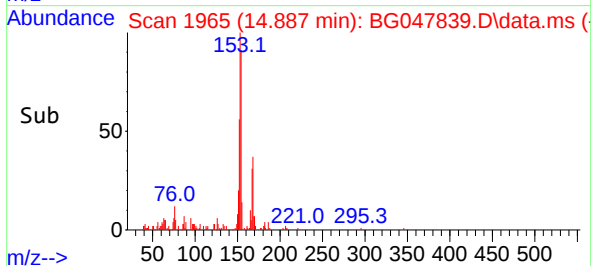
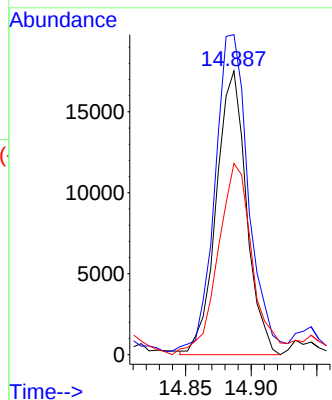
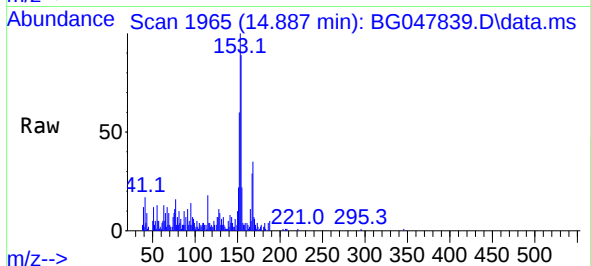




#52
Acenaphthene
Concen: 4.24 ng
RT: 14.887 min Scan# 1965
Delta R.T. -0.003 min
Lab File: BG047839.D
Acq: 29 Dec 2020 16:58

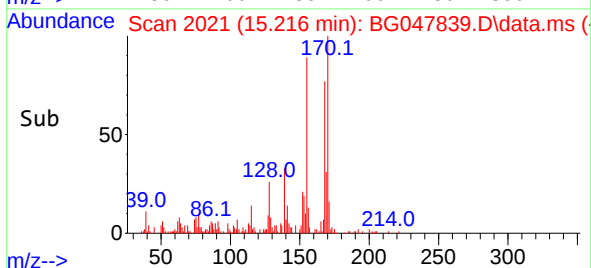
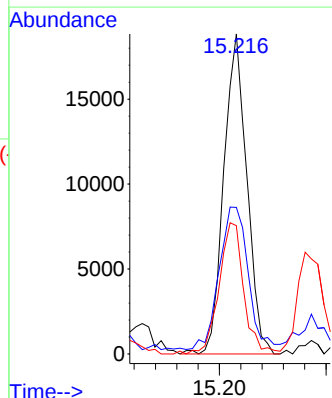
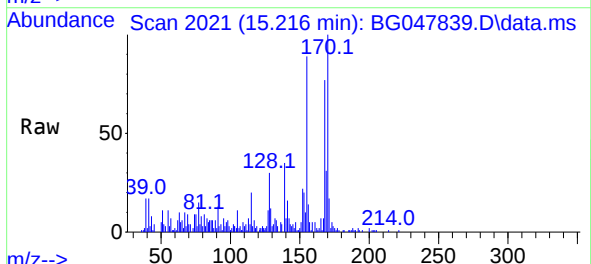
Instrument :
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OWL-C1-GW

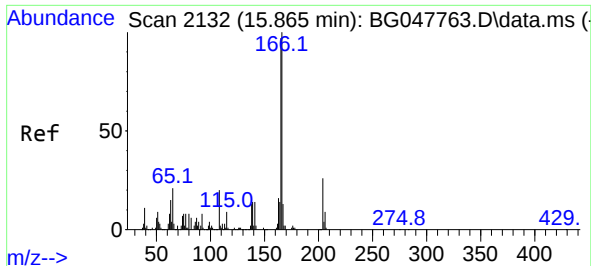
Tgt Ion:154 Resp: 27954
Ion Ratio Lower Upper
154 100
153 112.8 90.3 135.5
152 67.4 43.8 65.8#



#55
Dibenzofuran
Concen: 2.96 ng
RT: 15.216 min Scan# 2021
Delta R.T. -0.003 min
Lab File: BG047839.D
Acq: 29 Dec 2020 16:58

Tgt Ion:168 Resp: 28247
Ion Ratio Lower Upper
168 100
139 45.8 28.6 43.0#
169 40.1 11.0 16.6#

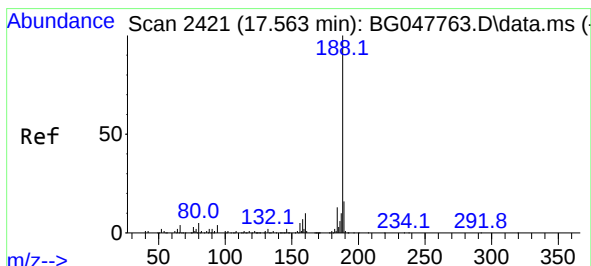
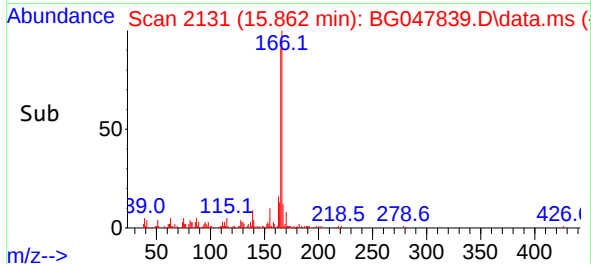
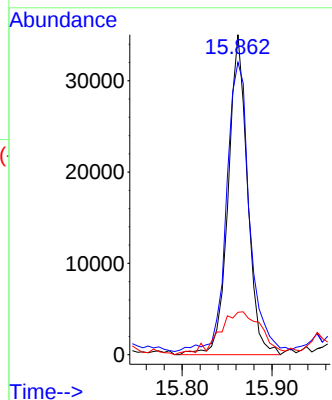
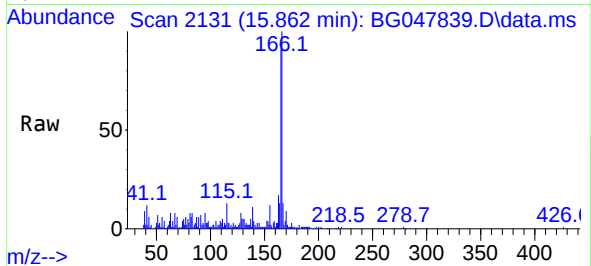




#58
Fluorene
Concen: 6.44 ng
RT: 15.862 min Scan# 2131
Delta R.T. -0.003 min
Lab File: BG047839.D
Acq: 29 Dec 2020 16:58

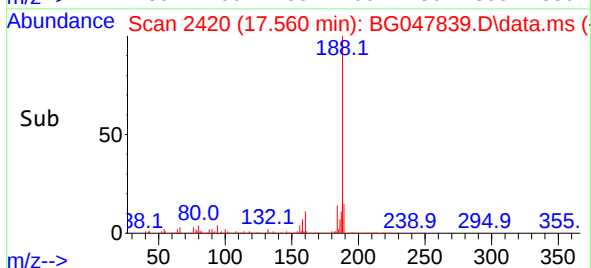
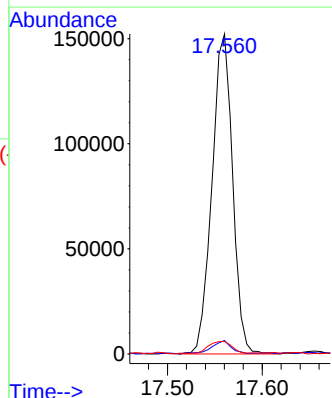
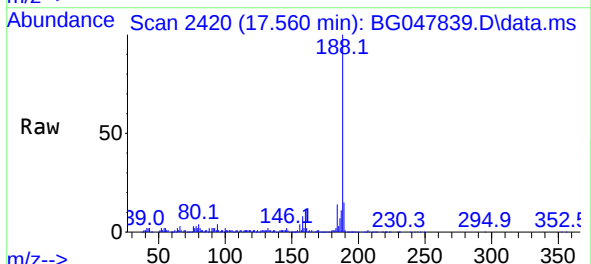
Instrument :
BNA_G
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OWL-C1-GW

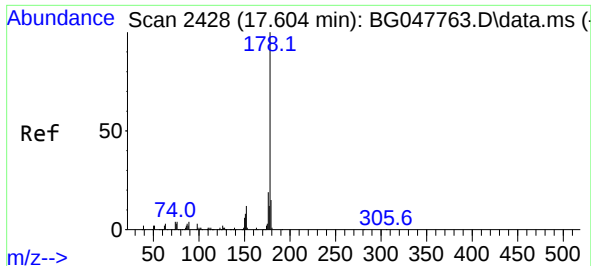
Tgt Ion:166 Resp: 52244
Ion Ratio Lower Upper
166 100
165 91.4 77.2 115.8
167 13.3 11.4 17.2



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.560 min Scan# 2420
Delta R.T. -0.003 min
Lab File: BG047839.D
Acq: 29 Dec 2020 16:58

Tgt Ion:188 Resp: 229511
Ion Ratio Lower Upper
188 100
94 4.2 6.3 9.5#
80 3.9 7.0 10.6#

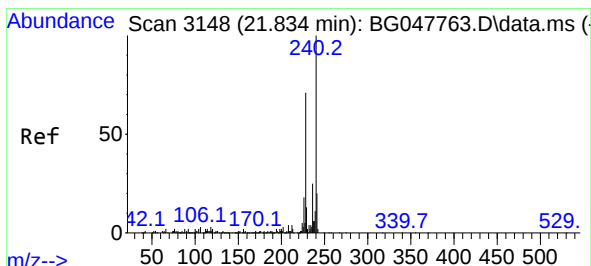
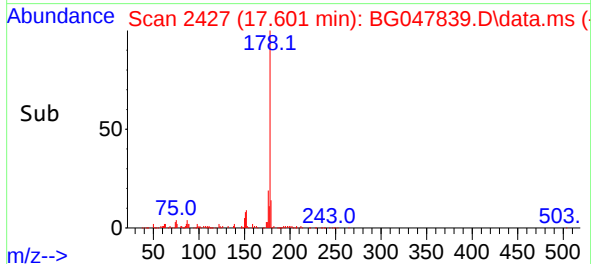
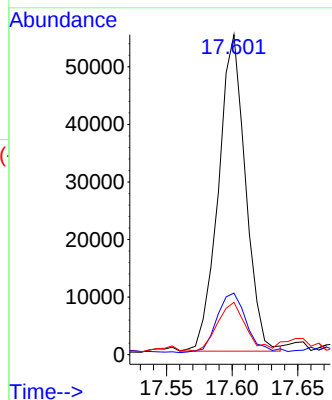
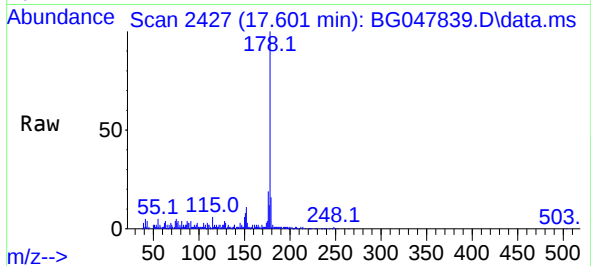




#71
Phenanthrene
Concen: 6.37 ng
RT: 17.601 min Scan# 2427
Delta R.T. -0.003 min
Lab File: BG047839.D
Acq: 29 Dec 2020 16:58

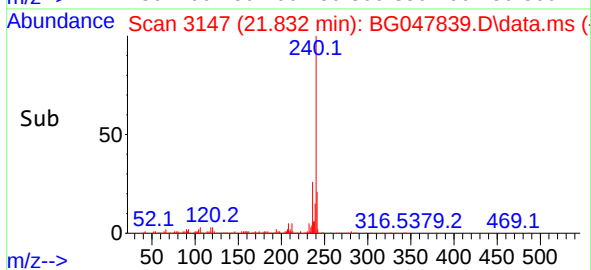
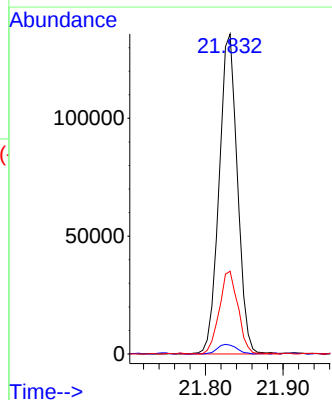
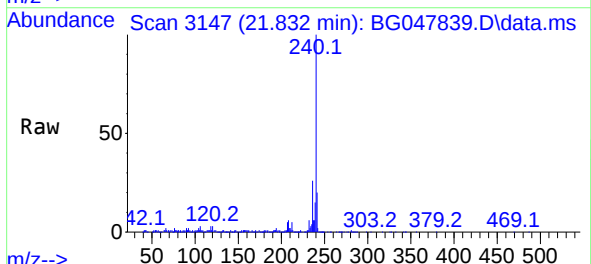
Instrument :
BNA_G
ClientSampleId :
OWL-C1-GW

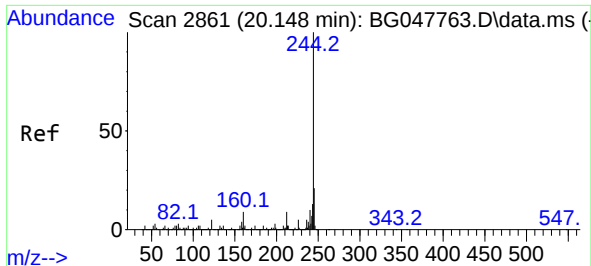
Tgt Ion:178 Resp: 78817
Ion Ratio Lower Upper
178 100
176 19.3 16.7 25.1
179 16.4 14.0 21.0



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.832 min Scan# 3147
Delta R.T. -0.003 min
Lab File: BG047839.D
Acq: 29 Dec 2020 16:58

Tgt Ion:240 Resp: 223124
Ion Ratio Lower Upper
240 100
120 2.7 6.2 9.4#
236 25.8 20.5 30.7

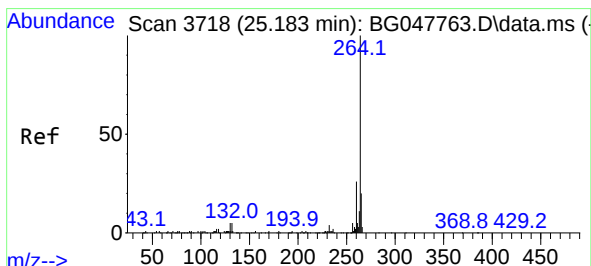
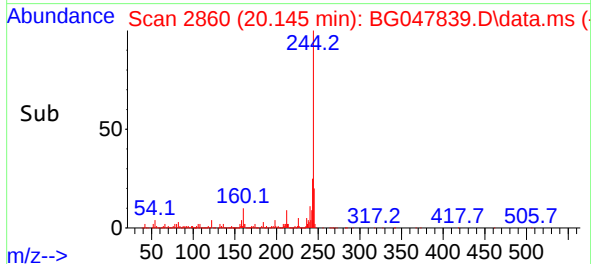
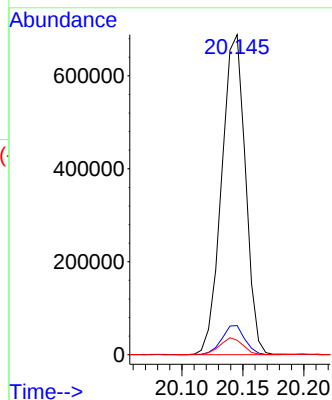
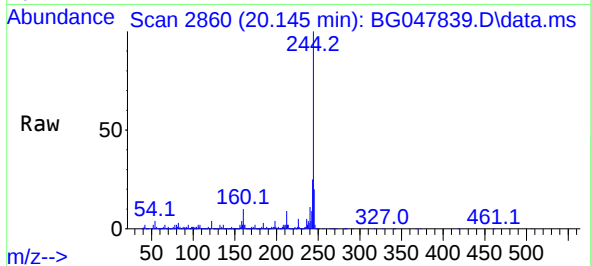




#79
Terphenyl-d14
Concen: 68.95 ng
RT: 20.145 min Scan# 2860
Delta R.T. -0.003 min
Lab File: BG047839.D
Acq: 29 Dec 2020 16:58

Instrument :
BNA_G
ClientSampleId :
OWL-C1-GW

Tgt Ion:244 Resp: 933598
Ion Ratio Lower Upper
244 100
212 9.1 6.7 10.1
122 4.5 7.8 11.6#



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.181 min Scan# 3717
Delta R.T. -0.003 min
Lab File: BG047839.D
Acq: 29 Dec 2020 16:58

Tgt Ion:264 Resp: 247124
Ion Ratio Lower Upper
264 100
260 22.2 18.8 28.2
265 20.2 17.8 26.8

