

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122920\
 Data File : BG047842.D
 Acq On : 29 Dec 2020 18:59
 Operator : CG/JU
 Sample : L5227-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OWL-C5-GW

Quant Time: Dec 29 23:43:25 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)

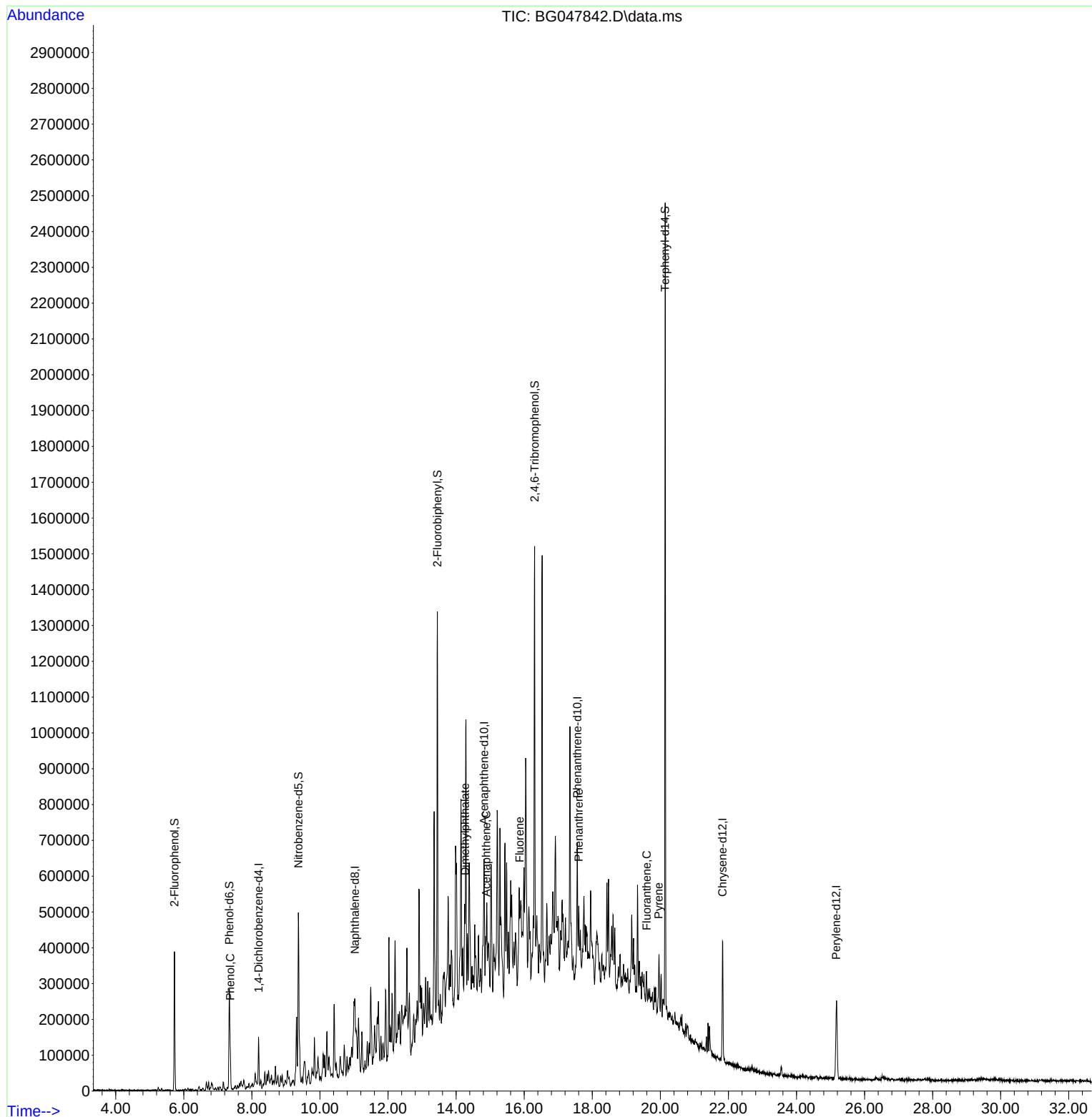
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.197	152	32944	20.00	ng	# 0.00
21) Naphthalene-d8	11.023	136	117943	20.00	ng	# 0.00
39) Acenaphthene-d10	14.824	164	85922	20.00	ng	0.00
64) Phenanthrene-d10	17.562	188	207443	20.00	ng	# 0.00
76) Chrysene-d12	21.828	240	219106	20.00	ng	# 0.00
86) Perylene-d12	25.171	264	247854	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.723	112	136057	71.44	ng	0.00
7) Phenol-d6	7.339	99	122108	43.86	ng	0.00
23) Nitrobenzene-d5	9.366	82	277222	86.45	ng	0.00
42) 2,4,6-Tribromophenol	16.305	330	192009	130.90	ng	0.00
45) 2-Fluorobiphenyl	13.449	172	546428	82.29	ng	0.00
79) Terphenyl-d14	20.141	244	917257	68.98	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	7.362	94	46785	18.54	ng	# 50
50) Dimethylphthalate	14.260	163	58427	7.89	ng	# 88
52) Acenaphthene	14.883	154	27512	4.93	ng	90
58) Fluorene	15.864	166	63352	9.22	ng	# 82
71) Phenanthrene	17.603	178	104135	9.31	ng	# 93
75) Fluoranthene	19.595	202	39785	2.65	ng	95
78) Pyrene	19.953	202	61830	3.94	ng	92

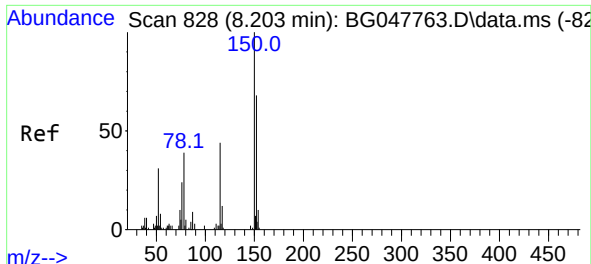
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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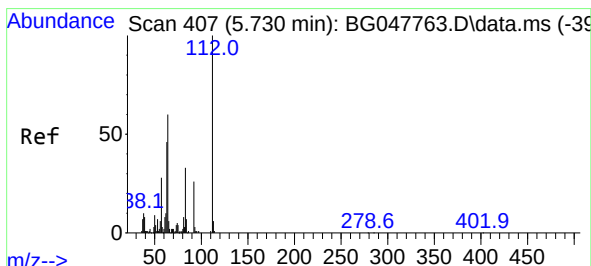
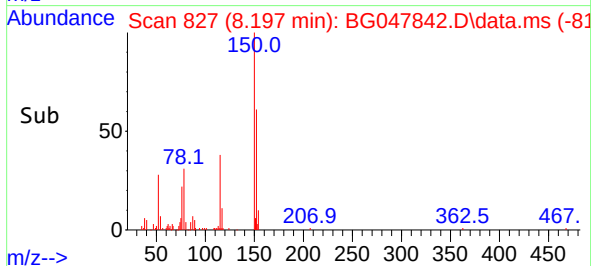
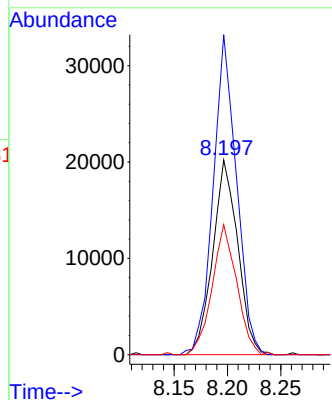
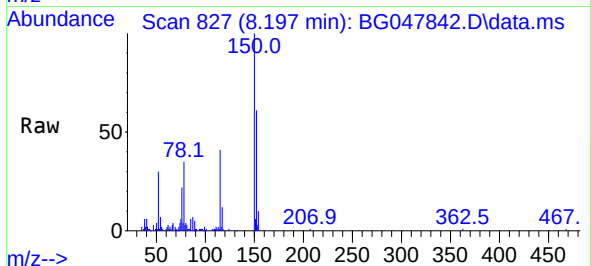




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.197 min Scan# 827
Delta R.T. -0.006 min
Lab File: BG047842.D
Acq: 29 Dec 2020 18:59

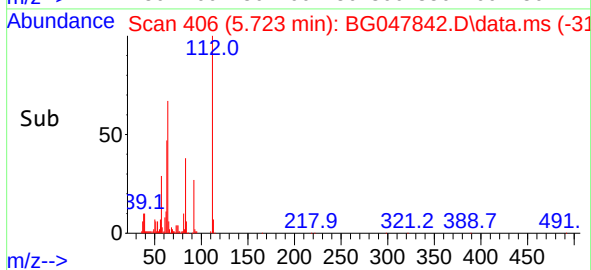
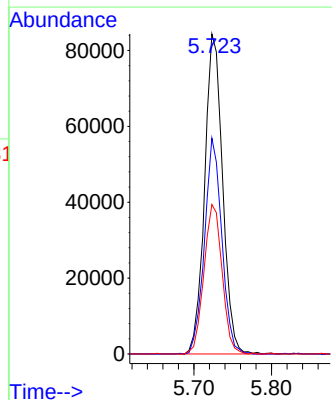
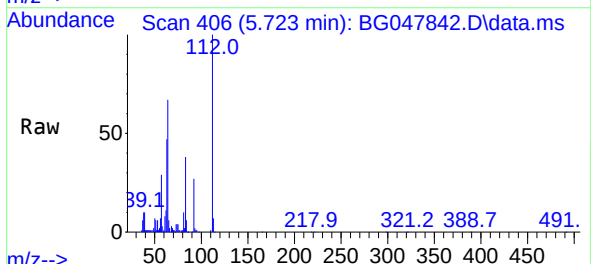
Instrument :
BNA_G
ClientSampleId :
OWL-C5-GW

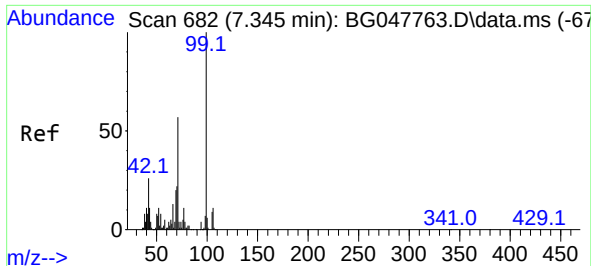
Tgt Ion:152 Resp: 32944
Ion Ratio Lower Upper
152 100
150 164.3 125.0 187.6
115 66.7 41.8 62.6#



#5
2-Fluorophenol
Concen: 71.44 ng
RT: 5.723 min Scan# 406
Delta R.T. -0.007 min
Lab File: BG047842.D
Acq: 29 Dec 2020 18:59

Tgt Ion:112 Resp: 136057
Ion Ratio Lower Upper
112 100
64 67.5 46.7 70.1
63 46.7 22.8 34.2#

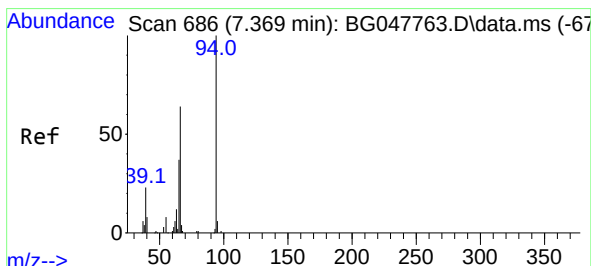
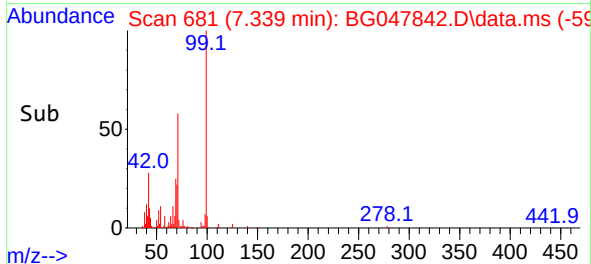
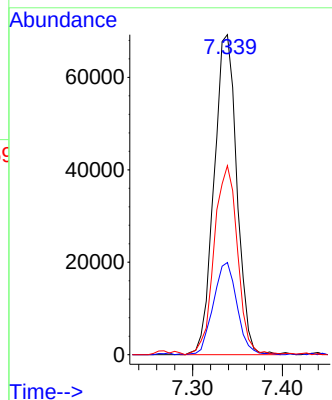
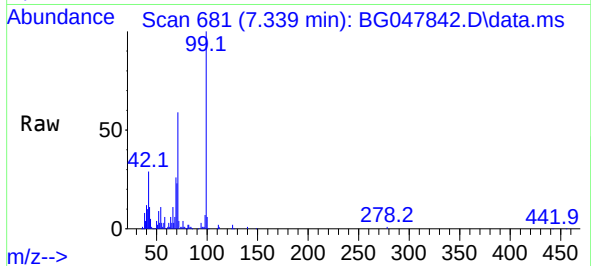




#7
Phenol-d6
Concen: 43.86 ng
RT: 7.339 min Scan# 681
Delta R.T. -0.007 min
Lab File: BG047842.D
Acq: 29 Dec 2020 18:59

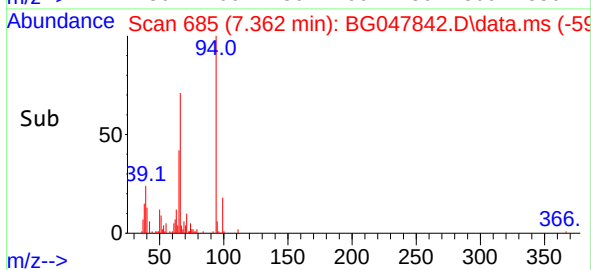
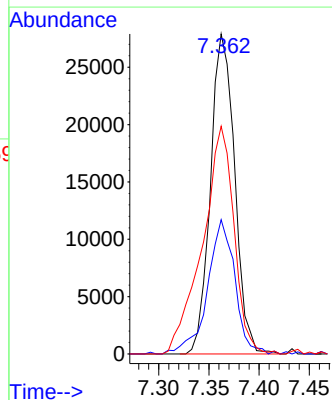
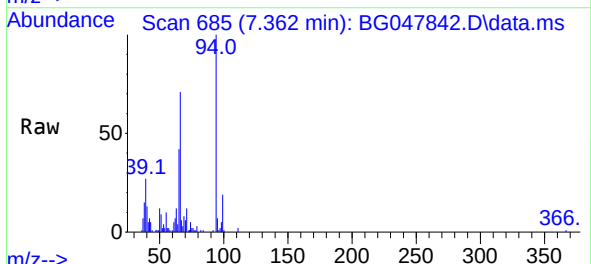
Instrument :
BNA_G
ClientSampleId :
OWL-C5-GW

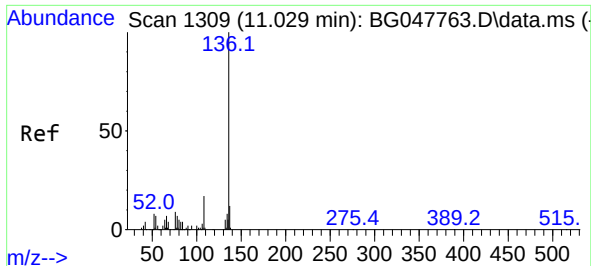
Tgt Ion: 99 Resp: 122108
Ion Ratio Lower Upper
99 100
42 28.8 12.8 19.2#
71 59.1 24.6 36.8#



#10
Phenol
Concen: 18.54 ng
RT: 7.362 min Scan# 685
Delta R.T. -0.007 min
Lab File: BG047842.D
Acq: 29 Dec 2020 18:59

Tgt Ion: 94 Resp: 46785
Ion Ratio Lower Upper
94 100
65 42.0 6.6 46.6
66 71.2 13.9 53.9#

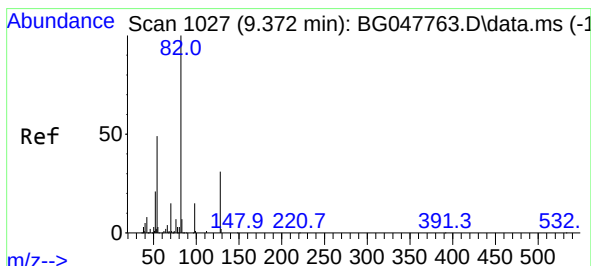
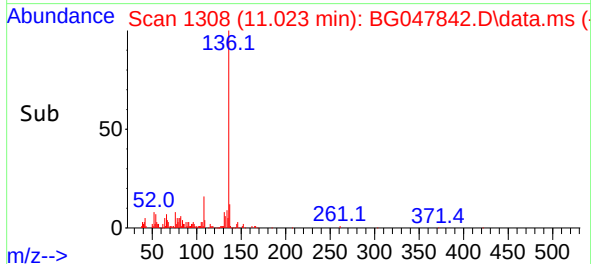
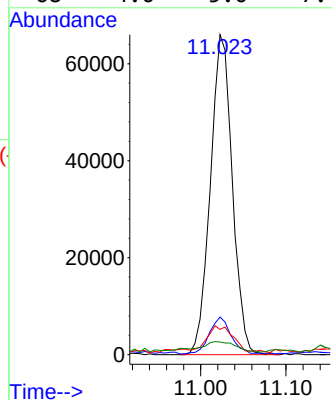
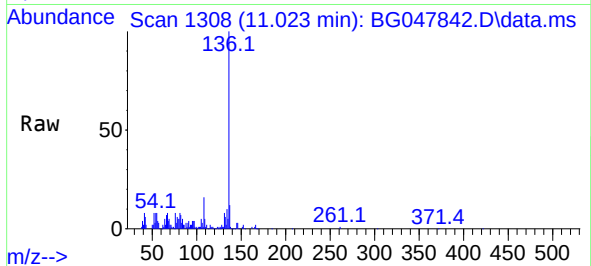




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.023 min Scan# 1308
Delta R.T. -0.007 min
Lab File: BG047842.D
Acq: 29 Dec 2020 18:59

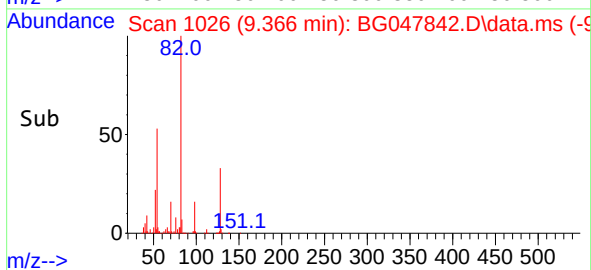
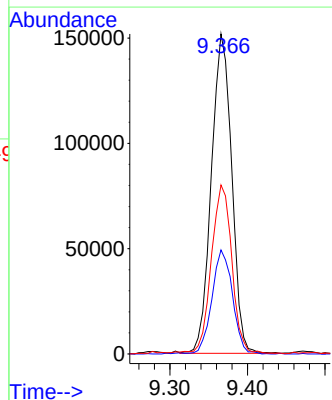
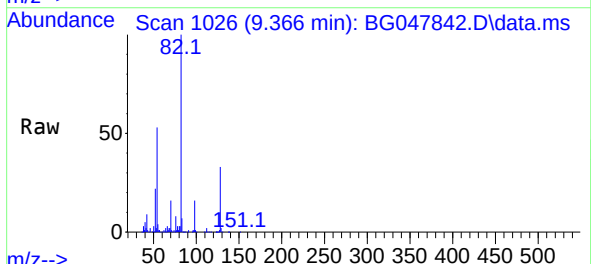
Instrument :
BNA_G
ClientSampleId :
OWL-C5-GW

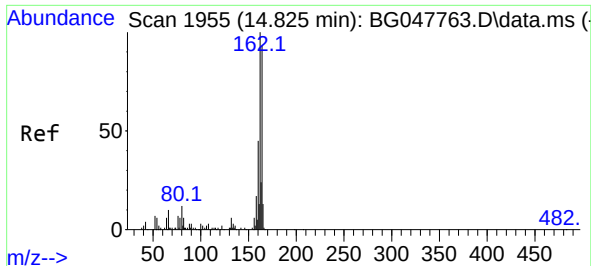
Tgt Ion:	136	Resp:	117943
Ion Ratio	Lower	Upper	
136	100		
137	11.8	9.1	13.7
54	7.9	6.2	9.4
68	4.0	5.0	7.4



#23
Nitrobenzene-d5
Concen: 86.45 ng
RT: 9.366 min Scan# 1026
Delta R.T. -0.007 min
Lab File: BG047842.D
Acq: 29 Dec 2020 18:59

Tgt Ion:	82	Resp:	277222
Ion Ratio	Lower	Upper	
82	100		
128	32.5	37.0	55.6
54	52.8	39.0	58.4

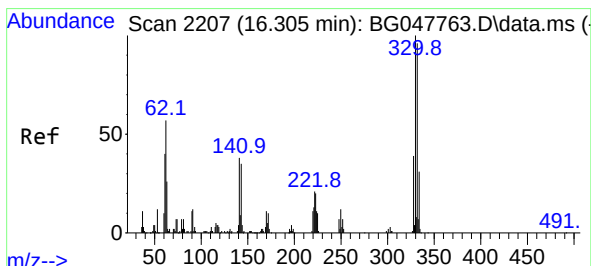
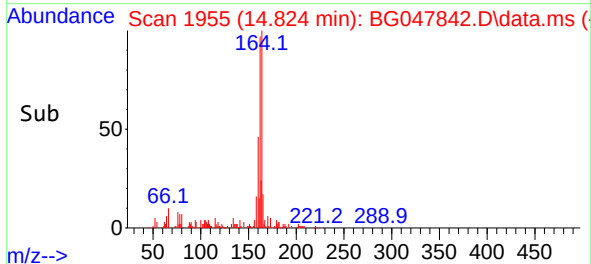
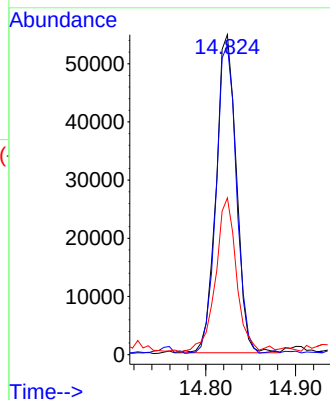
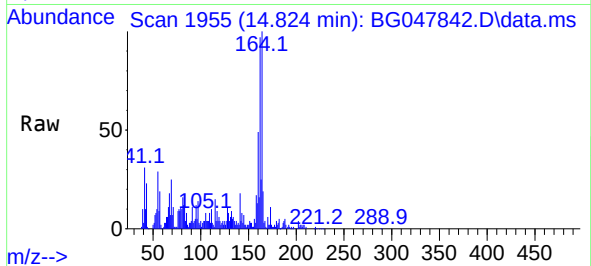




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.824 min Scan# 1955
Delta R.T. -0.001 min
Lab File: BG047842.D
Acq: 29 Dec 2020 18:59

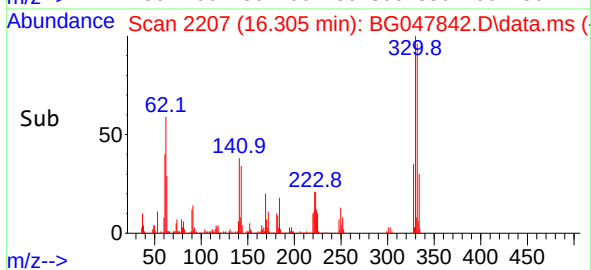
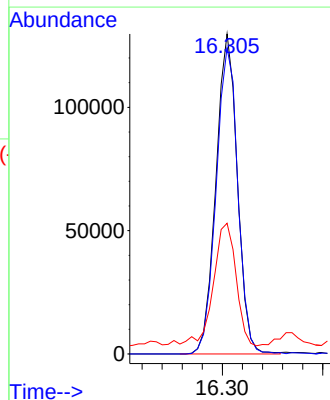
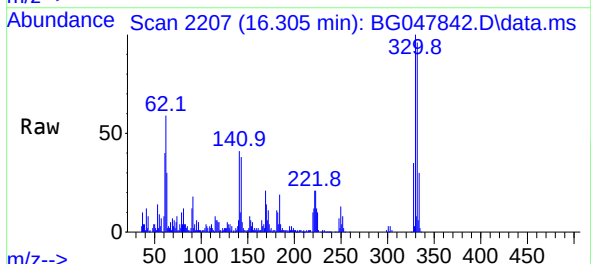
Instrument :
BNA_G
ClientSampleId :
OWL-C5-GW

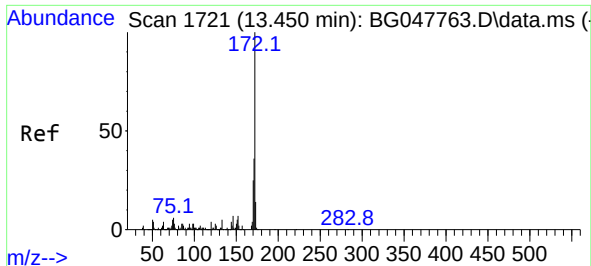
Tgt Ion:	164	Resp:	85922
Ion Ratio	Lower	Upper	
164	100		
162	96.7	82.3	123.5
160	49.0	35.3	52.9



#42
2,4,6-Tribromophenol
Concen: 130.90 ng
RT: 16.305 min Scan# 2207
Delta R.T. -0.001 min
Lab File: BG047842.D
Acq: 29 Dec 2020 18:59

Tgt Ion:	330	Resp:	192009
Ion Ratio	Lower	Upper	
330	100		
332	97.0	76.5	114.7
141	41.6	26.0	39.0#



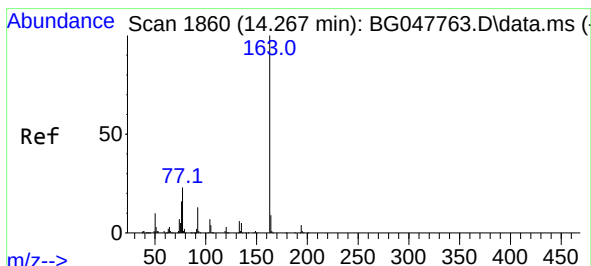
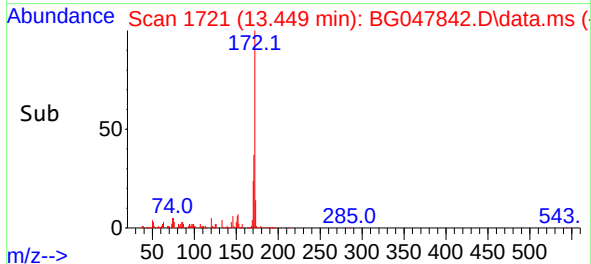
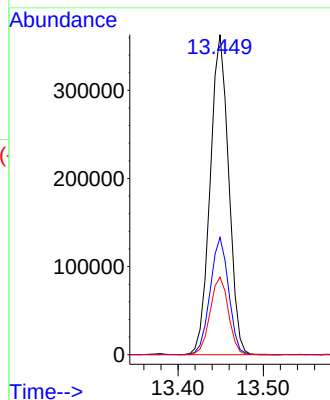
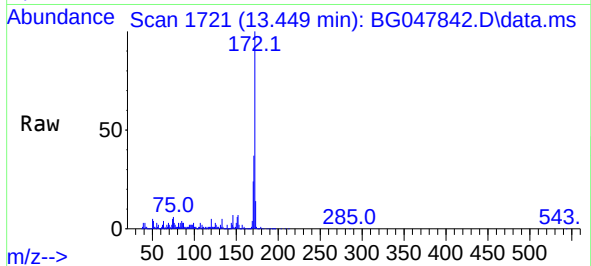


#45
2-Fluorobiphenyl
Concen: 82.29 ng
RT: 13.449 min Scan# 1721
Delta R.T. -0.001 min
Lab File: BG047842.D
Acq: 29 Dec 2020 18:59

Instrument :
BNA_G
ClientSampleId :
OWL-C5-GW

Tgt Ion:172 Resp: 546428

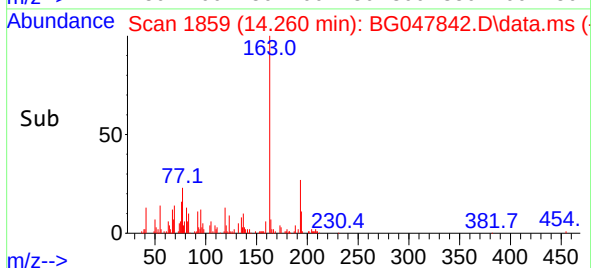
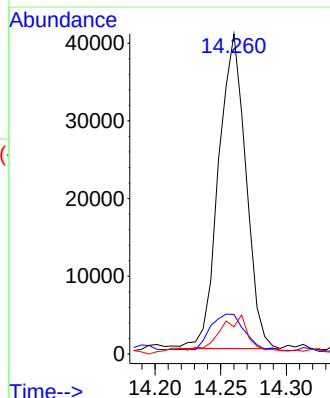
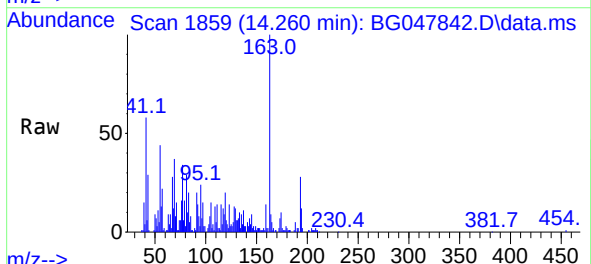
Ion	Ratio	Lower	Upper
172	100		
171	36.6	31.3	46.9
170	24.2	20.8	31.2

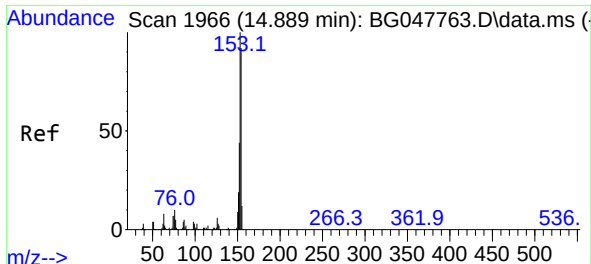


#50
Dimethylphthalate
Concen: 7.89 ng
RT: 14.260 min Scan# 1859
Delta R.T. -0.007 min
Lab File: BG047842.D
Acq: 29 Dec 2020 18:59

Tgt Ion:163 Resp: 58427

Ion	Ratio	Lower	Upper
163	100		
194	12.3	3.8	5.8#
164	8.5	8.8	13.2#

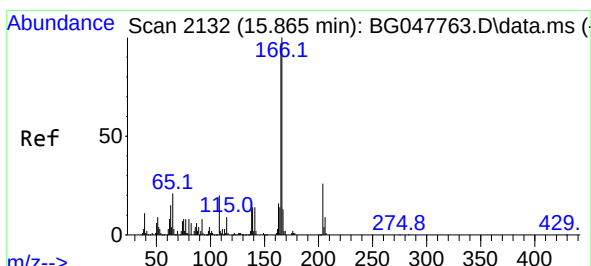
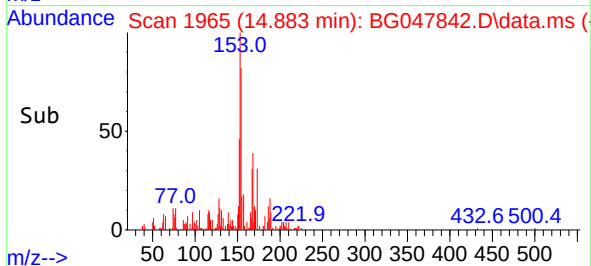
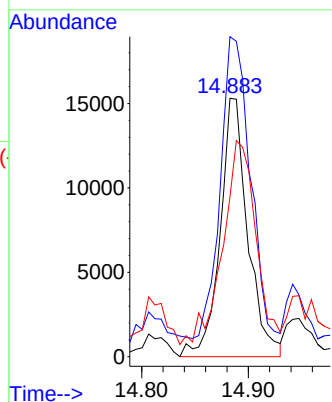
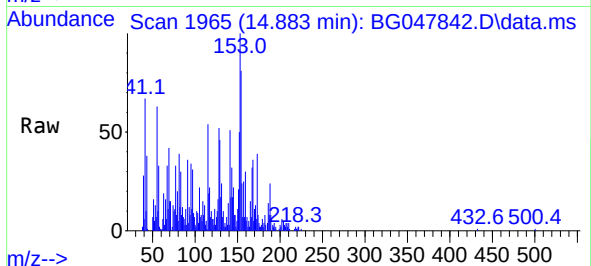




#52
Acenaphthene
Concen: 4.93 ng
RT: 14.883 min Scan# 1965
Delta R.T. -0.007 min
Lab File: BG047842.D
Acq: 29 Dec 2020 18:59

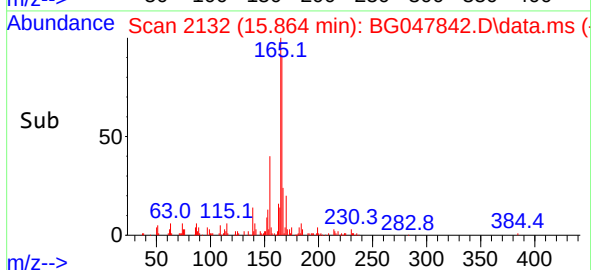
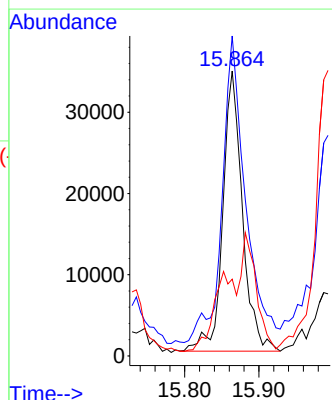
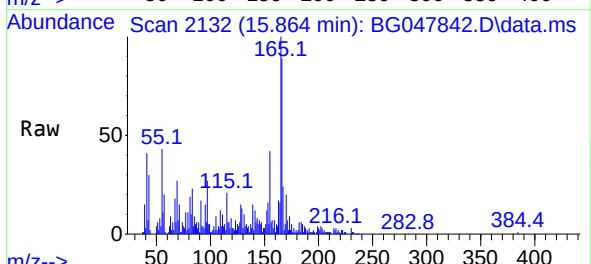
Instrument :
BNA_G
ClientSampleId :
OWL-C5-GW

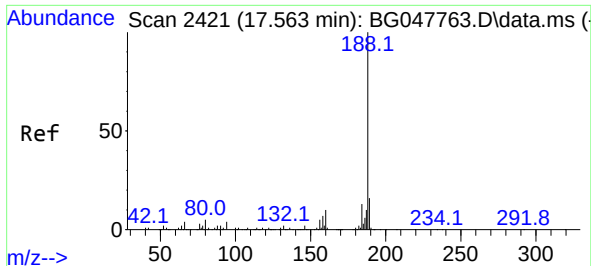
Tgt Ion:154 Resp: 27512
Ion Ratio Lower Upper
154 100
153 123.8 90.3 135.5
152 61.8 43.8 65.8



#58
Fluorene
Concen: 9.22 ng
RT: 15.864 min Scan# 2132
Delta R.T. -0.001 min
Lab File: BG047842.D
Acq: 29 Dec 2020 18:59

Tgt Ion:166 Resp: 63352
Ion Ratio Lower Upper
166 100
165 112.3 77.2 115.8
167 27.0 11.4 17.2#

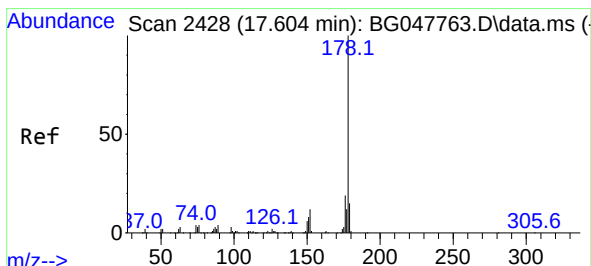
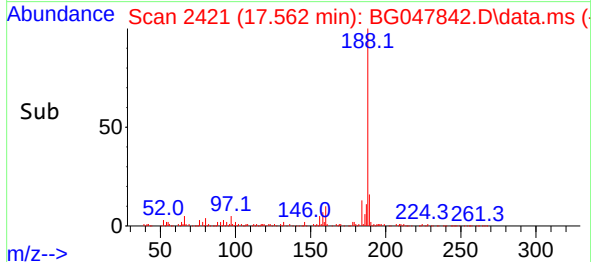
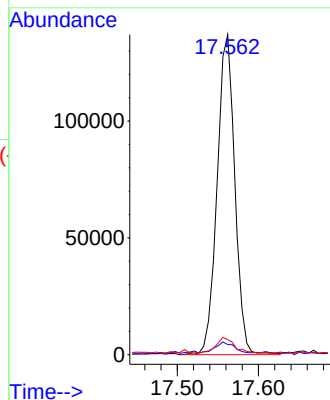
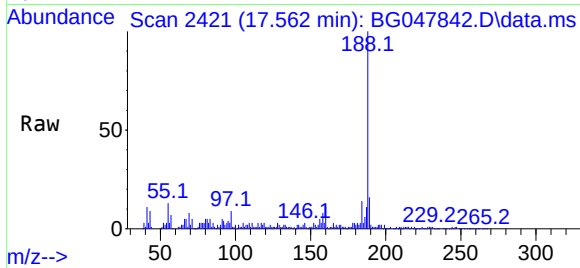




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.562 min Scan# 2421
Delta R.T. -0.001 min
Lab File: BG047842.D
Acq: 29 Dec 2020 18:59

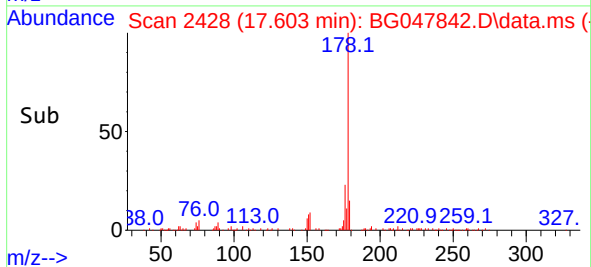
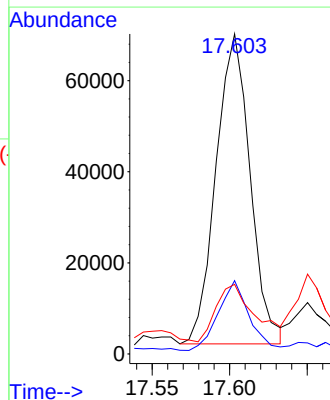
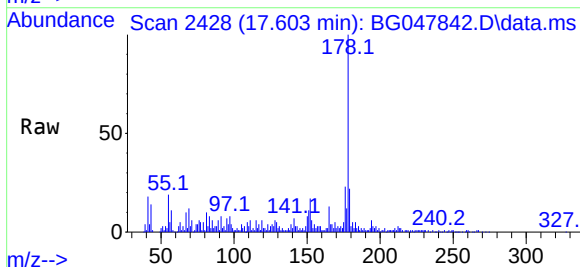
Instrument :
BNA_G
ClientSampleId :
OWL-C5-GW

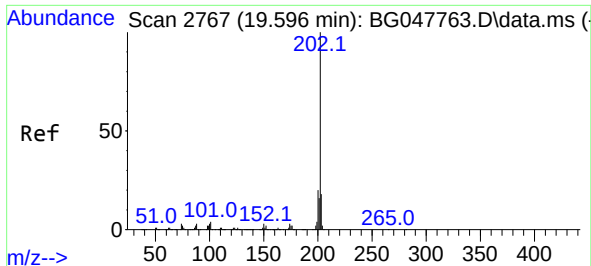
Tgt Ion:188 Resp: 207443
Ion Ratio Lower Upper
188 100
94 3.1 6.3 9.5#
80 4.7 7.0 10.6#



#71
Phenanthrene
Concen: 9.31 ng
RT: 17.603 min Scan# 2428
Delta R.T. -0.001 min
Lab File: BG047842.D
Acq: 29 Dec 2020 18:59

Tgt Ion:178 Resp: 104135
Ion Ratio Lower Upper
178 100
176 22.9 16.7 25.1
179 21.7 14.0 21.0#

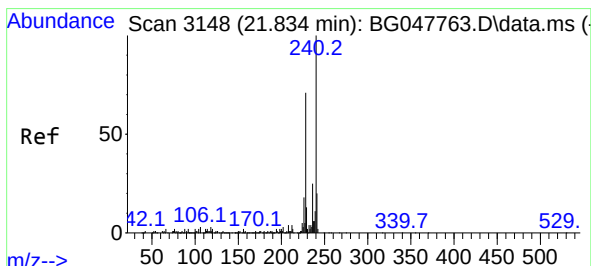
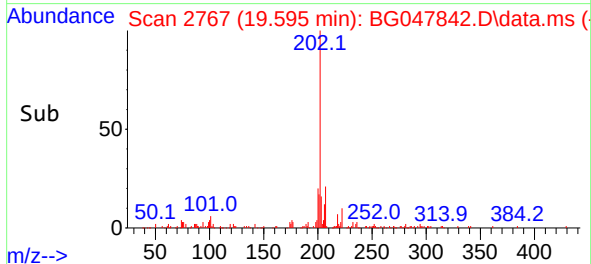
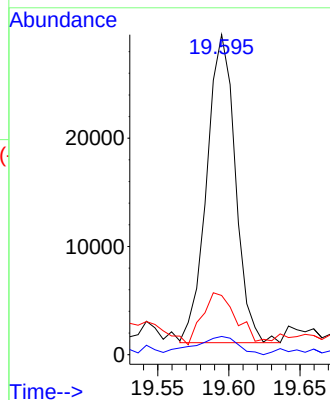
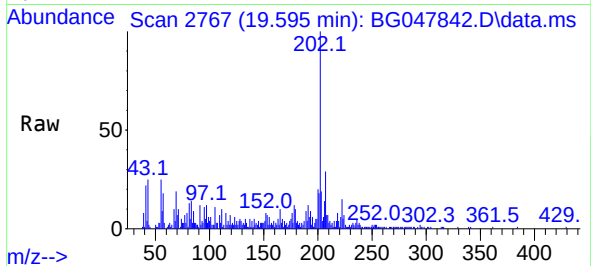




#75
Fluoranthene
Concen: 2.65 ng
RT: 19.595 min Scan# 2767
Delta R.T. -0.001 min
Lab File: BG047842.D
Acq: 29 Dec 2020 18:59

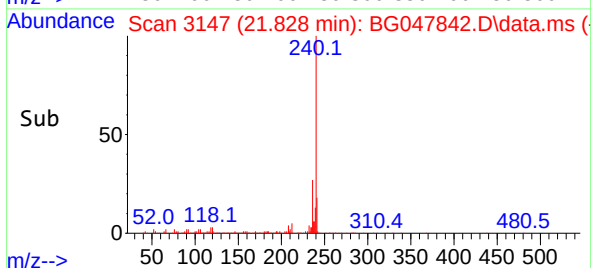
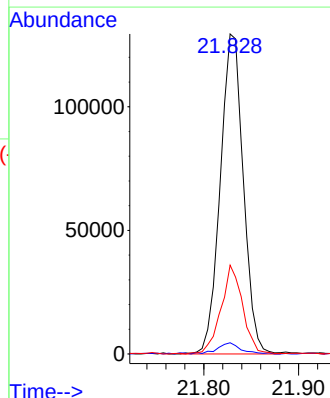
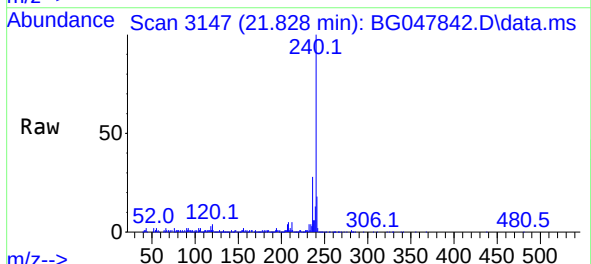
Instrument :
BNA_G
ClientSampleId :
OWL-C5-GW

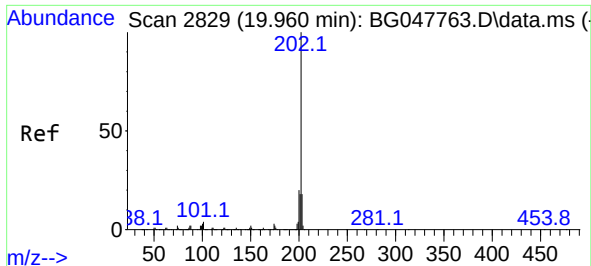
Tgt Ion:	202	Resp:	39785
Ion Ratio	Lower	Upper	
202	100		
101	5.7	0.0	29.7
203	18.5	0.0	39.2



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.828 min Scan# 3147
Delta R.T. -0.007 min
Lab File: BG047842.D
Acq: 29 Dec 2020 18:59

Tgt Ion:	240	Resp:	219106
Ion Ratio	Lower	Upper	
240	100		
120	3.5	6.2	9.4#
236	27.8	20.5	30.7

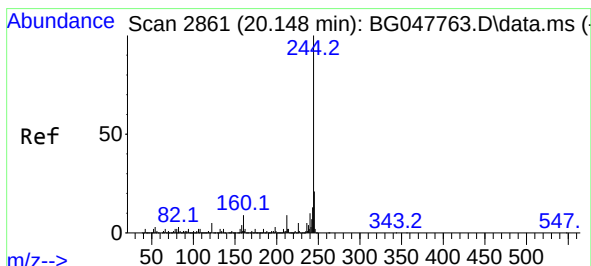
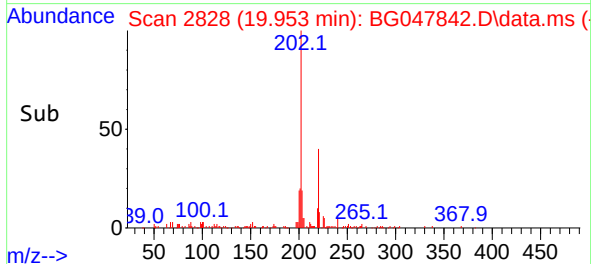
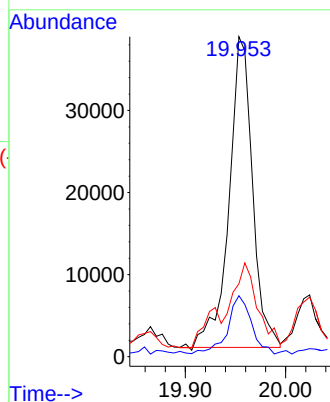
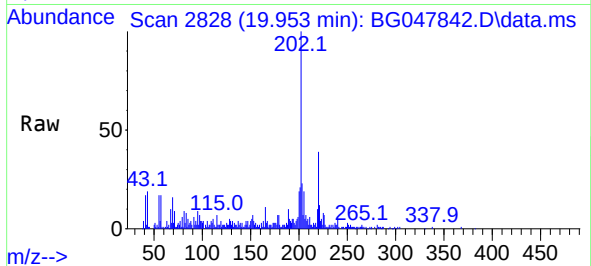




#78
Pyrene
Concen: 3.94 ng
RT: 19.953 min Scan# 2828
Delta R.T. -0.007 min
Lab File: BG047842.D
Acq: 29 Dec 2020 18:59

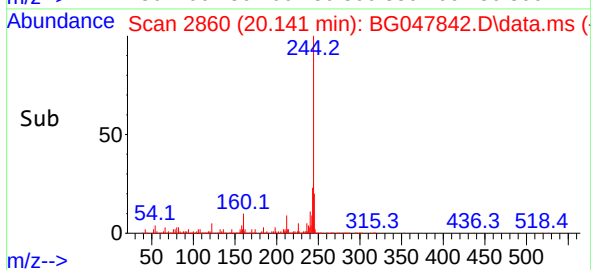
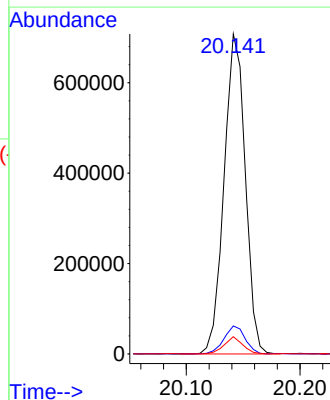
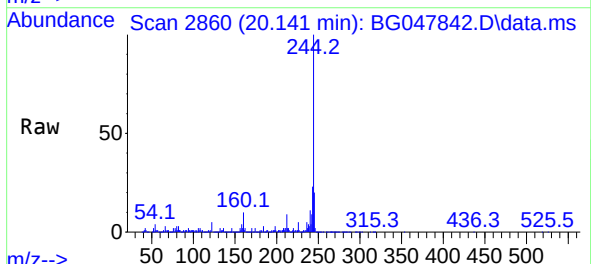
Instrument :
BNA_G
ClientSampleId :
OWL-C5-GW

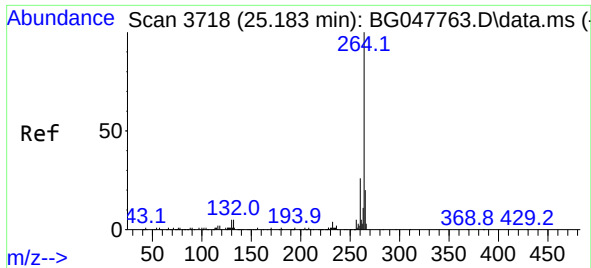
Tgt Ion:	202	Resp:	61830
Ion Ratio	Lower	Upper	
202	100		
200	19.1	18.6	27.8
203	22.8	15.3	22.9



#79
Terphenyl-d14
Concen: 68.98 ng
RT: 20.141 min Scan# 2860
Delta R.T. -0.007 min
Lab File: BG047842.D
Acq: 29 Dec 2020 18:59

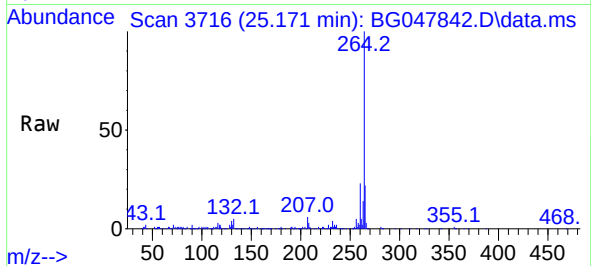
Tgt Ion:	244	Resp:	917257
Ion Ratio	Lower	Upper	
244	100		
212	8.8	6.7	10.1
122	5.4	7.8	11.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.171 min Scan# 3716
 Delta R.T. -0.013 min
 Lab File: BG047842.D
 Acq: 29 Dec 2020 18:59

Instrument :
 BNA_G
 ClientSampleId :
 OWL-C5-GW



Tgt Ion:264 Resp: 247854

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.8	28.2
265	21.7	17.8	26.8

