

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122920\
 Data File : BG047845.D
 Acq On : 29 Dec 2020 20:59
 Operator : CG/JU
 Sample : L5227-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OWL-C8-GW

Quant Time: Dec 29 23:44:23 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)

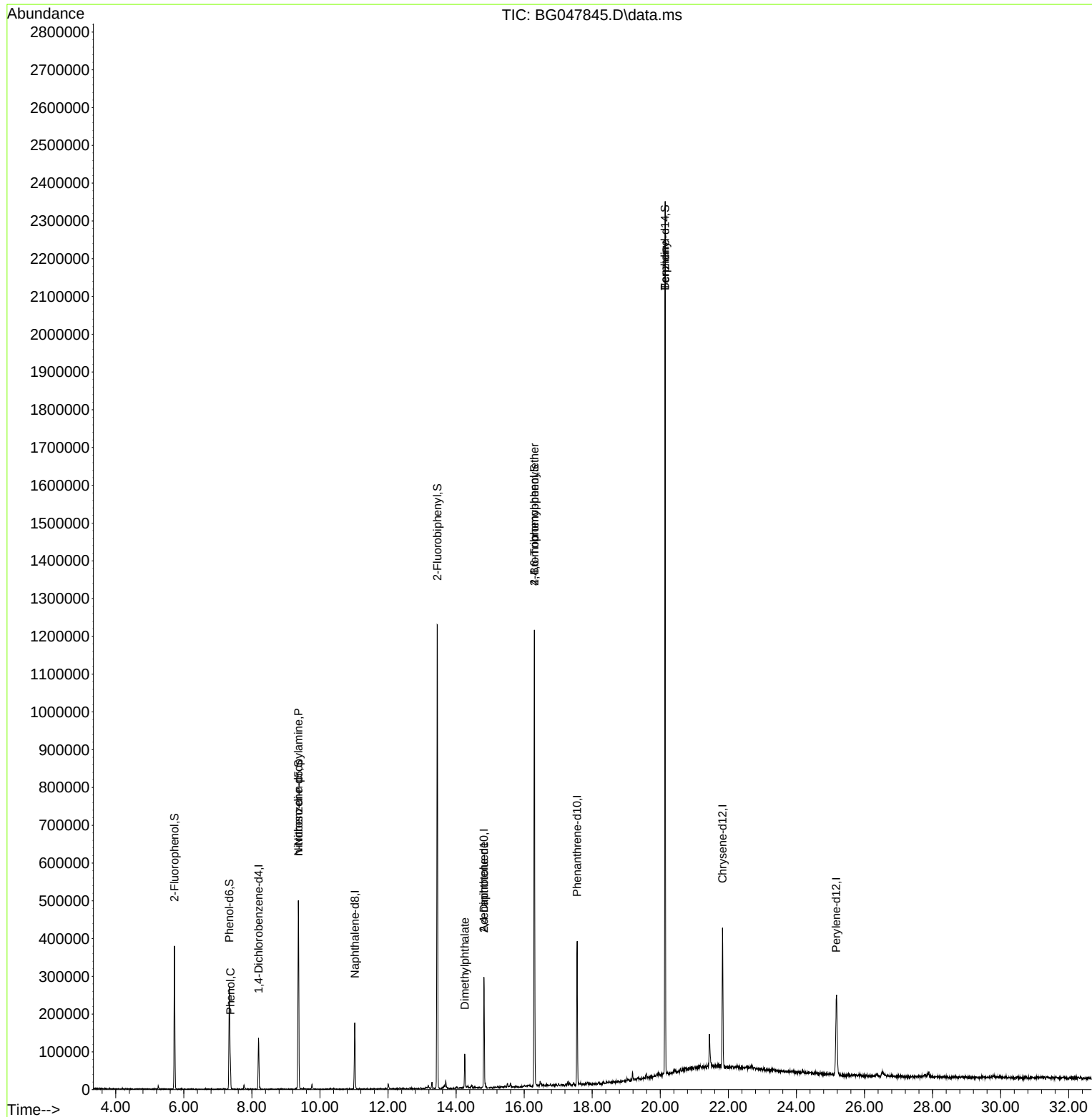
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.197	152	35523	20.00	ng	0.00
21) Naphthalene-d8	11.023	136	135927	20.00	ng	# 0.00
39) Acenaphthene-d10	14.819	164	100227	20.00	ng	0.00
64) Phenanthrene-d10	17.557	188	244637	20.00	ng	# 0.00
76) Chrysene-d12	21.828	240	236060	20.00	ng	# 0.00
86) Perylene-d12	25.172	264	244352	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.724	112	139713	68.04	ng	0.00
7) Phenol-d6	7.339	99	125111	41.68	ng	0.00
23) Nitrobenzene-d5	9.367	82	290176	78.52	ng	0.00
42) 2,4,6-Tribromophenol	16.300	330	216797	126.70	ng	0.00
45) 2-Fluorobiphenyl	13.450	172	625547	80.76	ng	0.00
79) Terphenyl-d14	20.142	244	946250	66.05	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	7.369	94	33504	12.31	ng	# 52
19) n-Nitroso-di-n-propyla...	9.367	70	47631	22.80	ng	# 81
50) Dimethylphthalate	14.255	163	50071	5.80	ng	98
57) 2,4-Dinitrotoluene	14.819	165	14382	5.51	ng	# 35
67) 4-Bromophenyl-phenylether	16.300	248	13681	4.16	ng	# 1
70) Pentachlorophenol	17.105	266	58	Below Cal		# 19
77) Benzidine	20.142	184	22429	3.53	ng	96

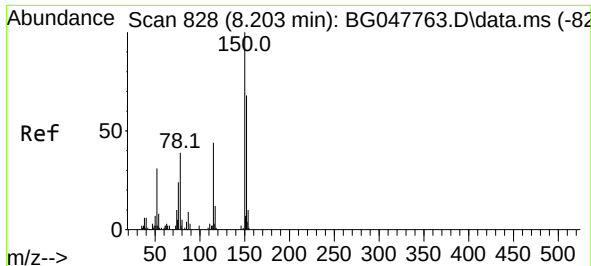
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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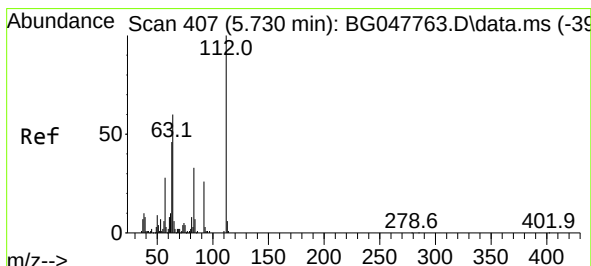
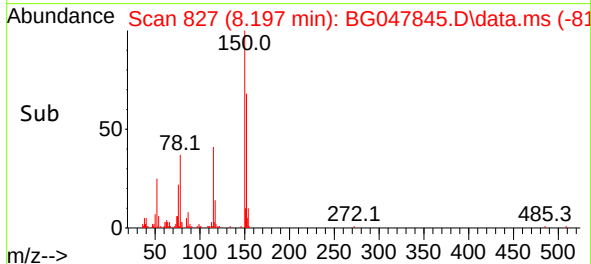
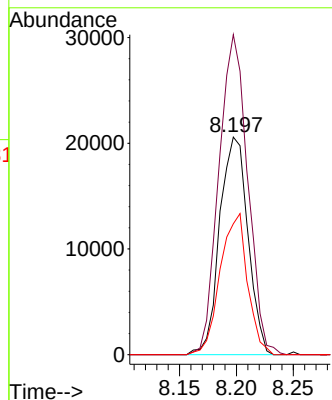
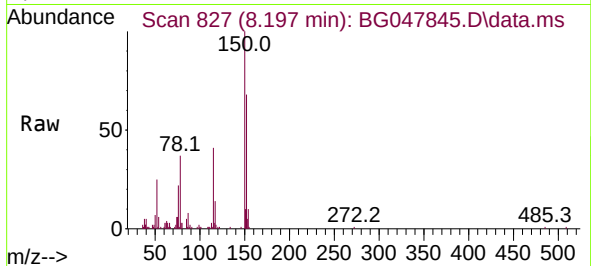




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.197 min Scan# 827
Delta R.T. -0.006 min
Lab File: BG047845.D
Acq: 29 Dec 2020 20:59

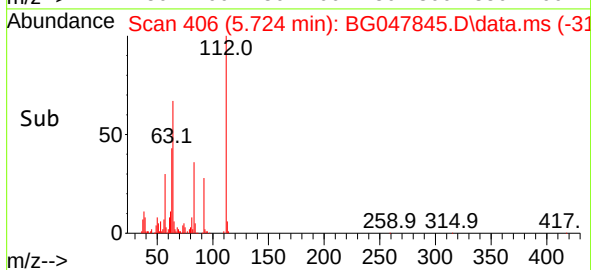
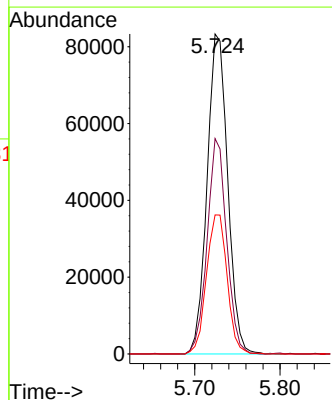
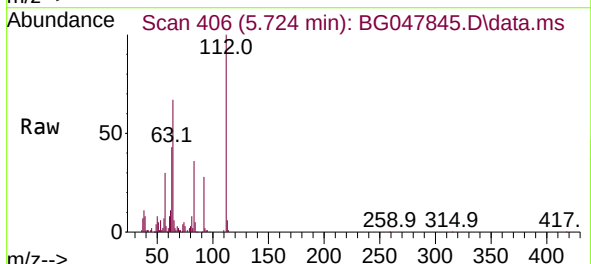
Instrument :
BNA_G
ClientSampleId :
OWL-C8-GW

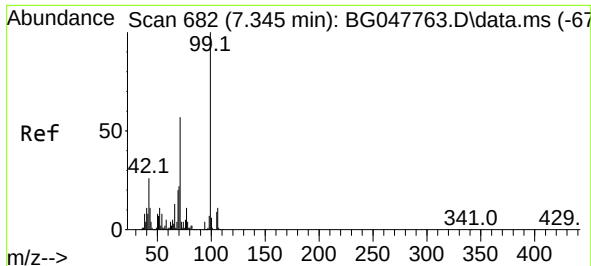
Tgt Ion:152 Resp: 35523
Ion Ratio Lower Upper
152 100
150 147.0 125.0 187.6
115 60.1 41.8 62.6



#5
2-Fluorophenol
Concen: 68.04 ng
RT: 5.724 min Scan# 406
Delta R.T. -0.006 min
Lab File: BG047845.D
Acq: 29 Dec 2020 20:59

Tgt Ion:112 Resp: 139713
Ion Ratio Lower Upper
112 100
64 67.3 46.7 70.1
63 43.4 22.8 34.2#

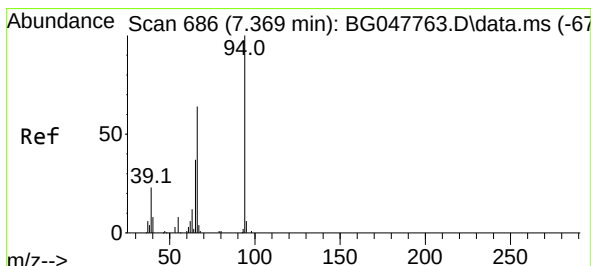
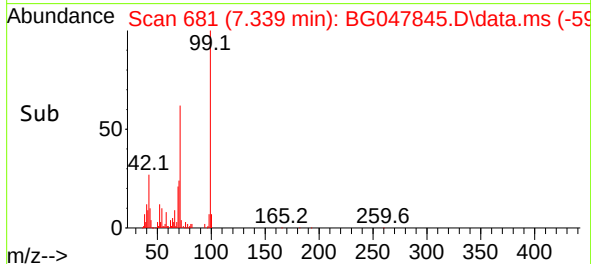
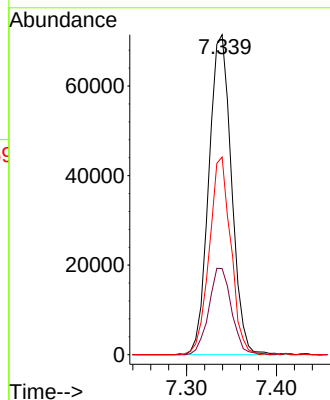
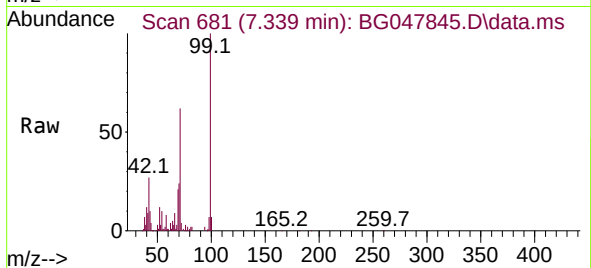




#7
Phenol-d6
Concen: 41.68 ng
RT: 7.339 min Scan# 681
Delta R.T. -0.006 min
Lab File: BG047845.D
Acq: 29 Dec 2020 20:59

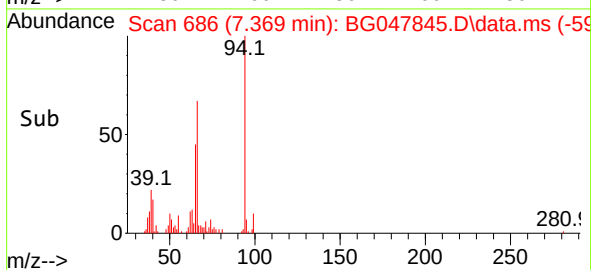
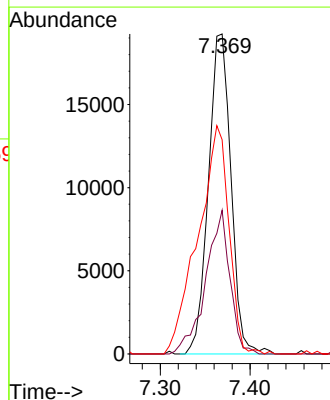
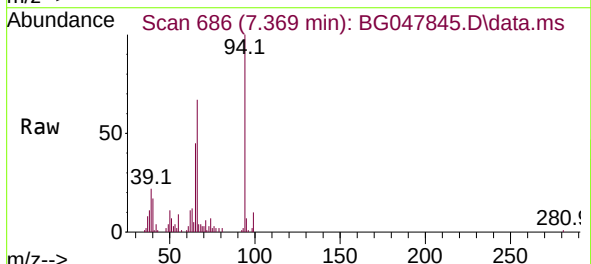
Instrument :
BNA_G
ClientSampleId :
OWL-C8-GW

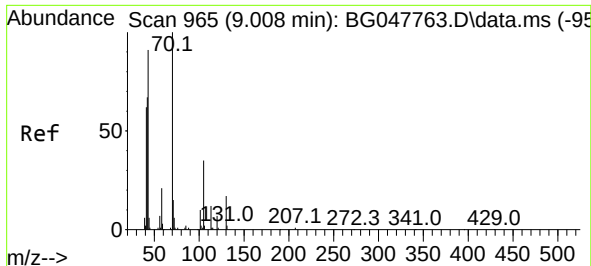
Tgt Ion: 99 Resp: 125111
Ion Ratio Lower Upper
99 100
42 26.9 12.8 19.2#
71 61.7 24.6 36.8#



#10
Phenol
Concen: 12.31 ng
RT: 7.369 min Scan# 686
Delta R.T. -0.000 min
Lab File: BG047845.D
Acq: 29 Dec 2020 20:59

Tgt Ion: 94 Resp: 33504
Ion Ratio Lower Upper
94 100
65 44.9 6.6 46.6
66 66.9 13.9 53.9#

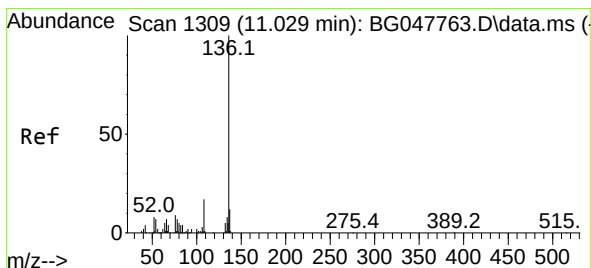
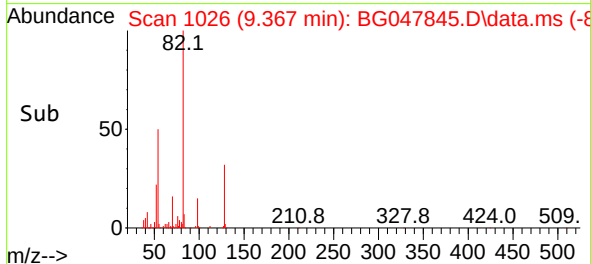
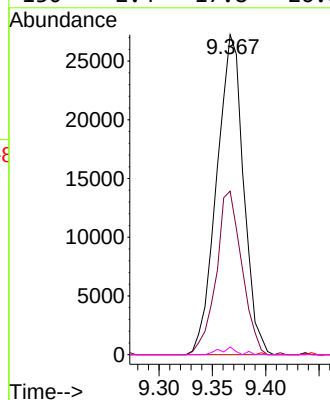
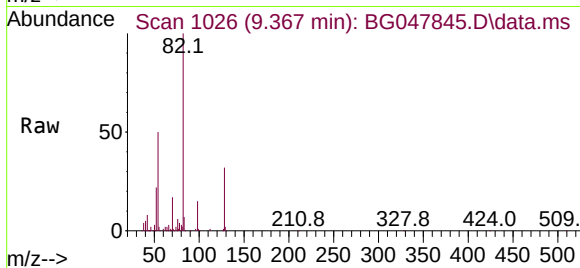




#19
n-Nitroso-di-n-propylamine
Concen: 22.80 ng
RT: 9.367 min Scan# 1026
Delta R.T. 0.358 min
Lab File: BG047845.D
Acq: 29 Dec 2020 20:59

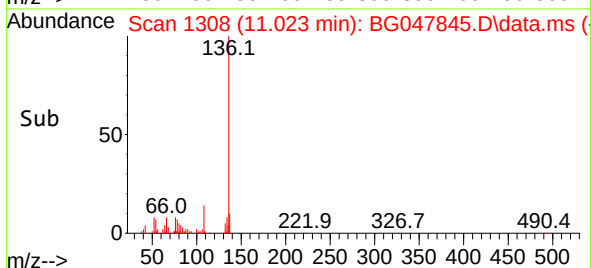
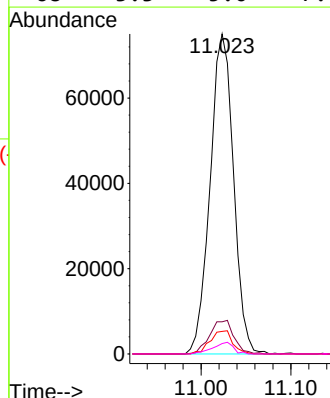
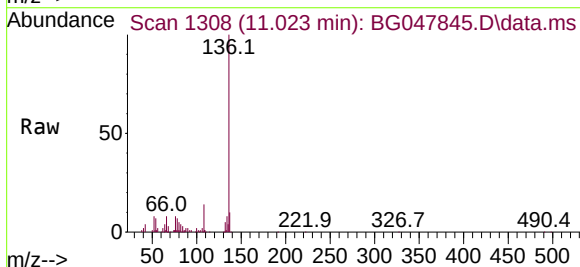
Instrument :
BNA_G
ClientSampleId :
OWL-C8-GW

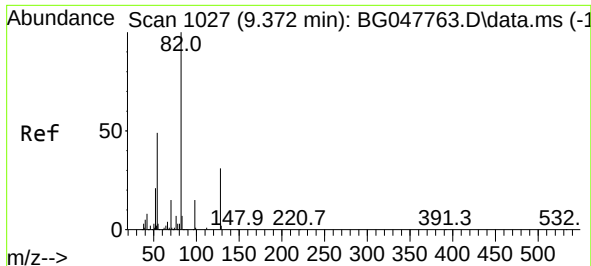
Tgt Ion: 70	Resp: 47631
Ion Ratio	Lower Upper
70 100	
42 51.1	45.6 68.4
101 0.0	8.4 12.6#
130 2.4	17.8 26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.023 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BG047845.D
Acq: 29 Dec 2020 20:59

Tgt Ion: 136	Resp: 135927
Ion Ratio	Lower Upper
136 100	
137 10.1	9.1 13.7
54 7.1	6.2 9.4
68 3.3	5.0 7.4#





#23

Nitrobenzene-d5

Concen: 78.52 ng

RT: 9.367 min Scan# 1026

Delta R.T. -0.006 min

Lab File: BG047845.D

Acq: 29 Dec 2020 20:59

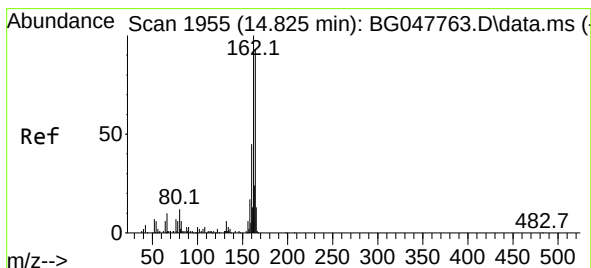
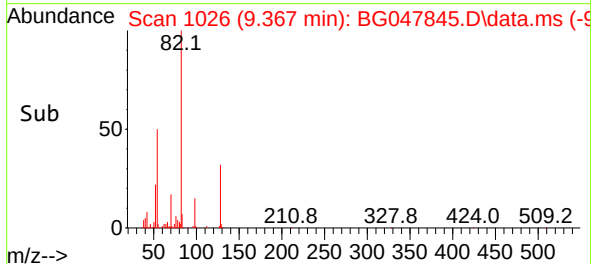
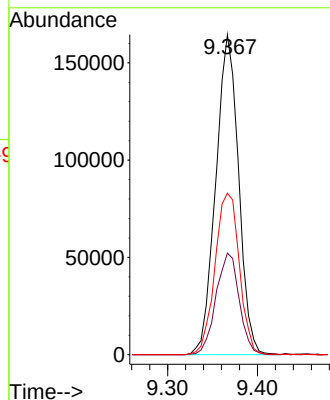
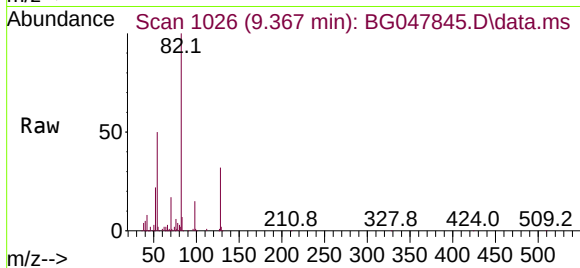
Instrument :

BNA_G

ClientSampleId :

OWL-C8-GW

Tgt Ion: 82	Resp: 290176
Ion Ratio	Lower Upper
82 100	
128 31.8	37.0 55.6#
54 50.5	39.0 58.4



#39

Acenaphthene-d10

Concen: 20.00 ng

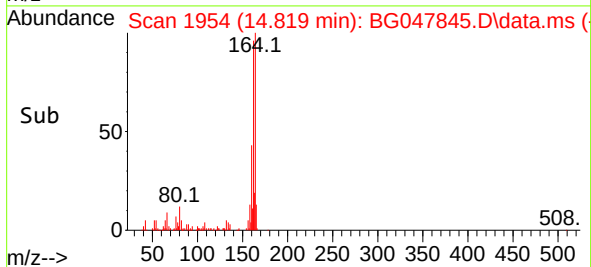
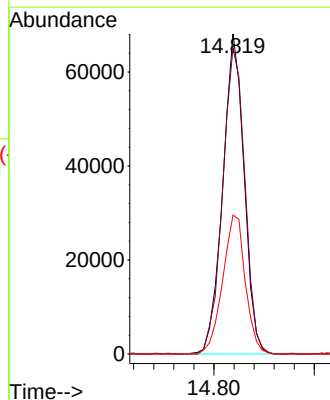
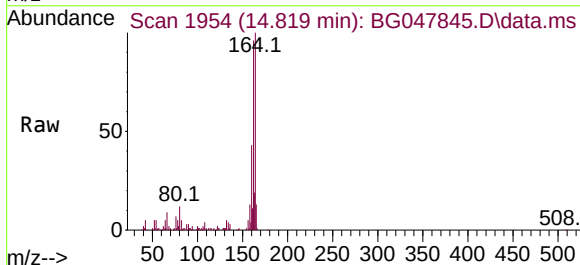
RT: 14.819 min Scan# 1954

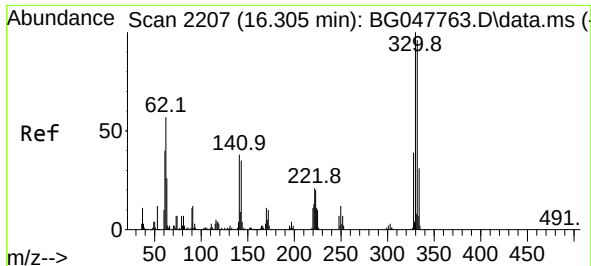
Delta R.T. -0.006 min

Lab File: BG047845.D

Acq: 29 Dec 2020 20:59

Tgt Ion: 164	Resp: 100227
Ion Ratio	Lower Upper
164 100	
162 95.7	82.3 123.5
160 43.4	35.3 52.9

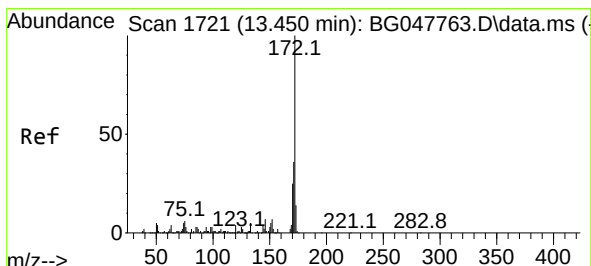
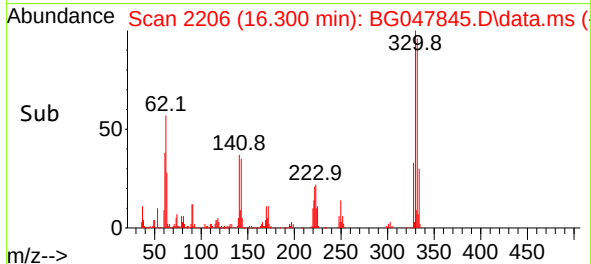
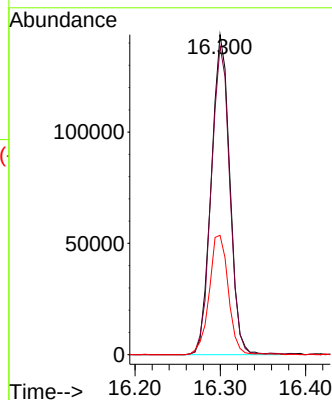
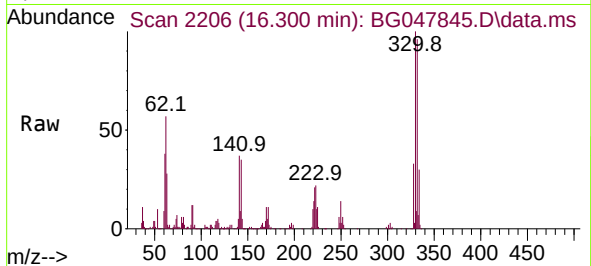




#42
2,4,6-Tribromophenol
Concen: 126.70 ng
RT: 16.300 min Scan# 2206
Delta R.T. -0.006 min
Lab File: BG047845.D
Acq: 29 Dec 2020 20:59

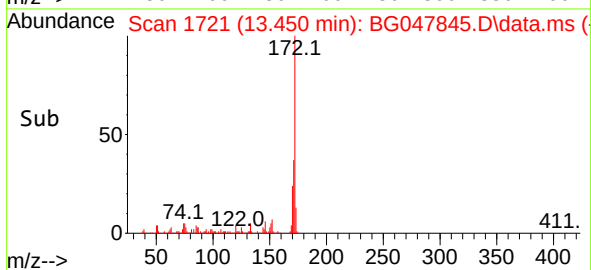
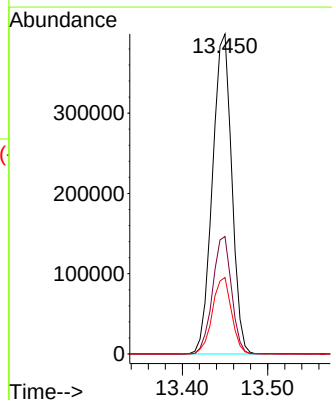
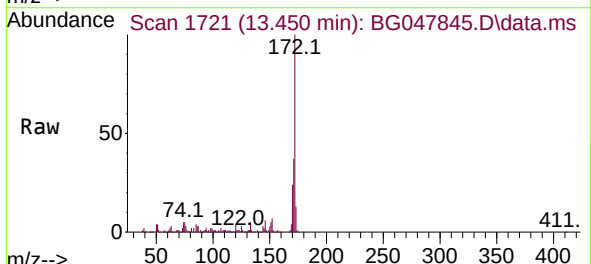
Instrument :
BNA_G
ClientSampleId :
OWL-C8-GW

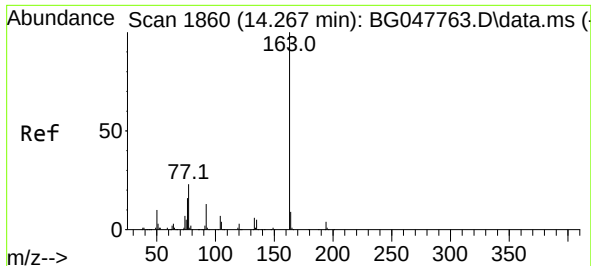
Tgt Ion:330 Resp: 216797
Ion Ratio Lower Upper
330 100
332 96.4 76.5 114.7
141 38.7 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 80.76 ng
RT: 13.450 min Scan# 1721
Delta R.T. -0.000 min
Lab File: BG047845.D
Acq: 29 Dec 2020 20:59

Tgt Ion:172 Resp: 625547
Ion Ratio Lower Upper
172 100
171 36.7 31.3 46.9
170 23.9 20.8 31.2

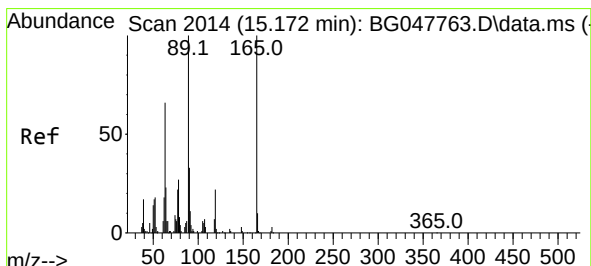
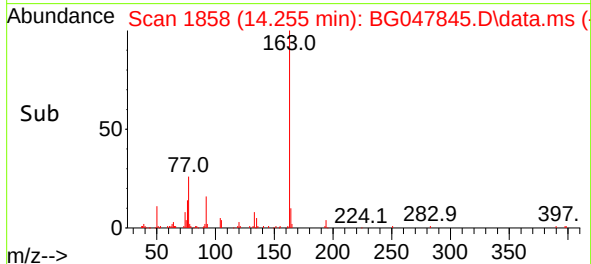
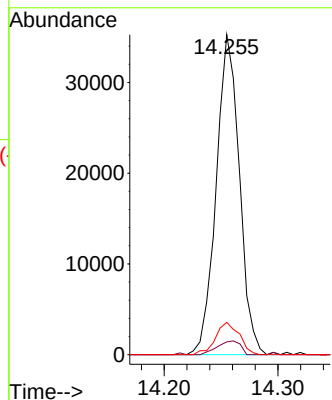
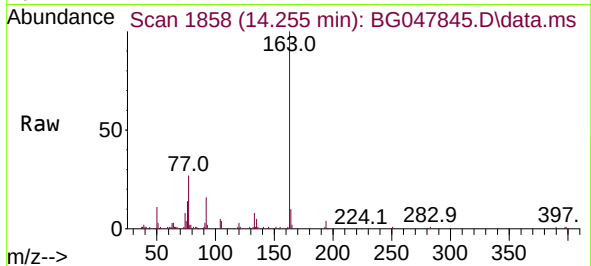




#50
Dimethylphthalate
Concen: 5.80 ng
RT: 14.255 min Scan# 1858
Delta R.T. -0.012 min
Lab File: BG047845.D
Acq: 29 Dec 2020 20:59

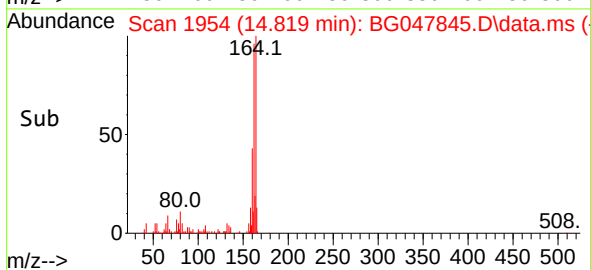
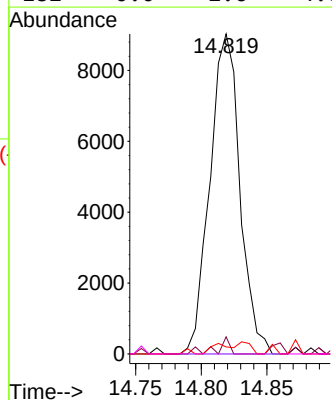
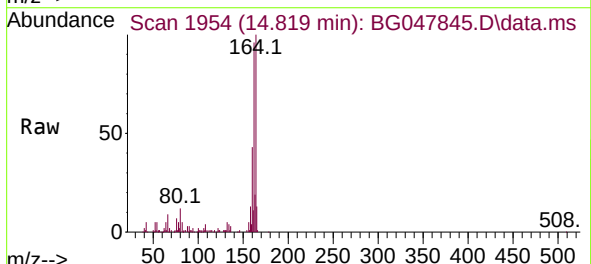
Instrument :
BNA_G
ClientSampleId :
OWL-C8-GW

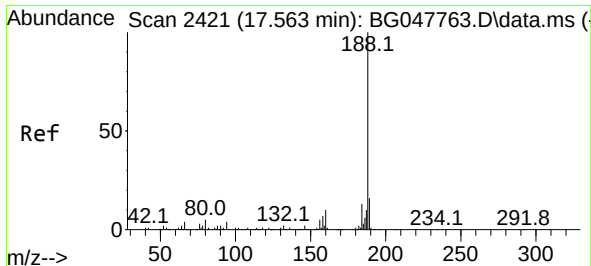
Tgt Ion:163 Resp: 50071
Ion Ratio Lower Upper
163 100
194 4.0 3.8 5.8
164 10.1 8.8 13.2



#57
2,4-Dinitrotoluene
Concen: 5.51 ng
RT: 14.819 min Scan# 1954
Delta R.T. -0.353 min
Lab File: BG047845.D
Acq: 29 Dec 2020 20:59

Tgt Ion:165 Resp: 14382
Ion Ratio Lower Upper
165 100
63 5.4 26.4 39.6#
89 2.2 47.8 71.8#
182 0.0 2.6 4.0#

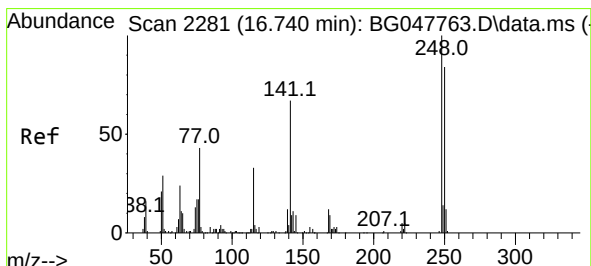
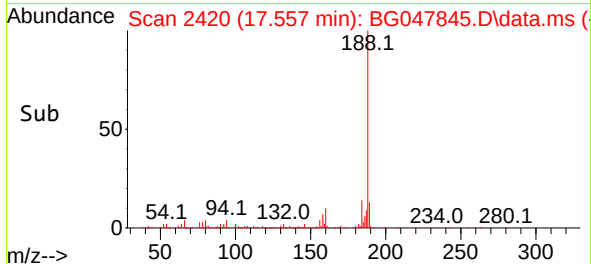
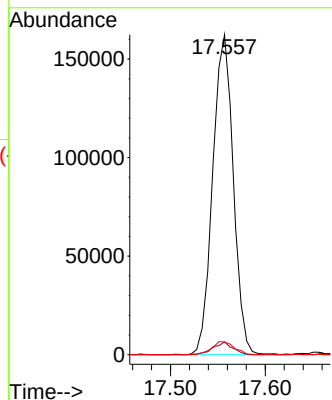
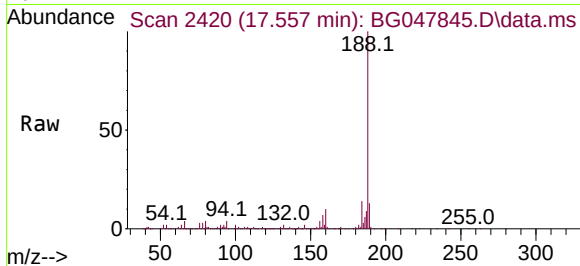




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.557 min Scan# 2420
Delta R.T. -0.006 min
Lab File: BG047845.D
Acq: 29 Dec 2020 20:59

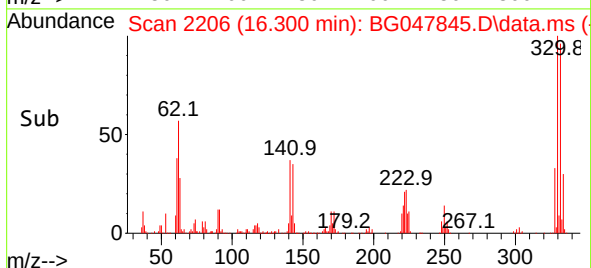
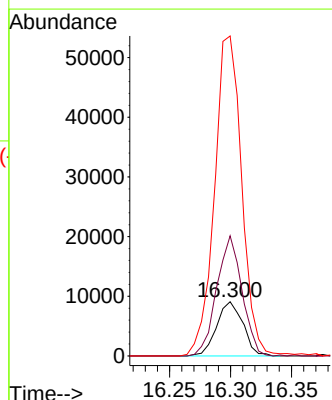
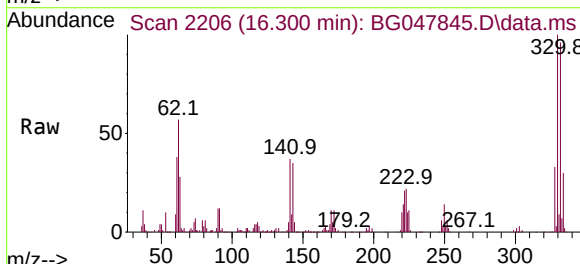
Instrument :
BNA_G
ClientSampleId :
OWL-C8-GW

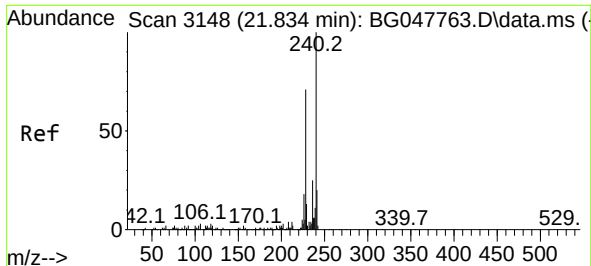
Tgt Ion:188 Resp: 244637
Ion Ratio Lower Upper
188 100
94 4.0 6.3 9.5#
80 3.9 7.0 10.6#



#67
4-Bromophenyl-phenylether
Concen: 4.16 ng
RT: 16.300 min Scan# 2206
Delta R.T. -0.441 min
Lab File: BG047845.D
Acq: 29 Dec 2020 20:59

Tgt Ion:248 Resp: 13681
Ion Ratio Lower Upper
248 100
250 221.9 78.9 118.3#
141 590.7 46.2 69.4#

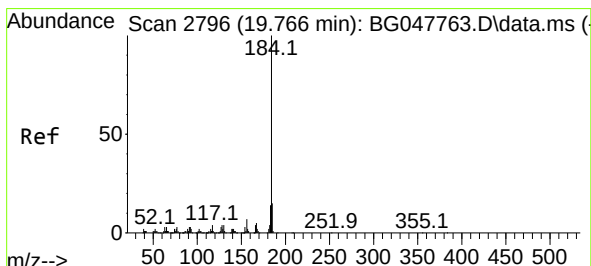
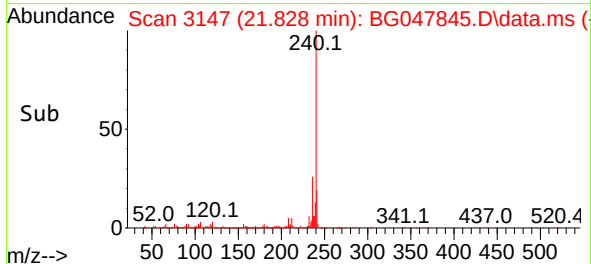
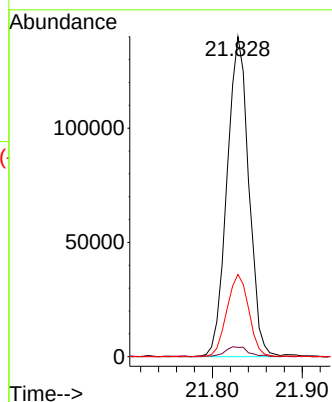
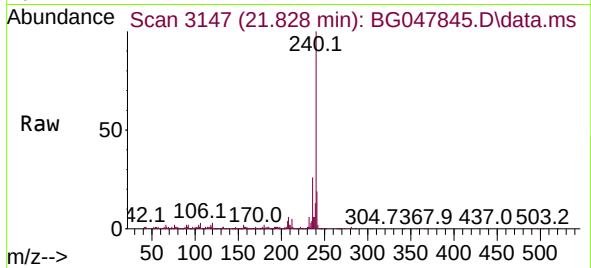




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.828 min Scan# 3147
Delta R.T. -0.006 min
Lab File: BG047845.D
Acq: 29 Dec 2020 20:59

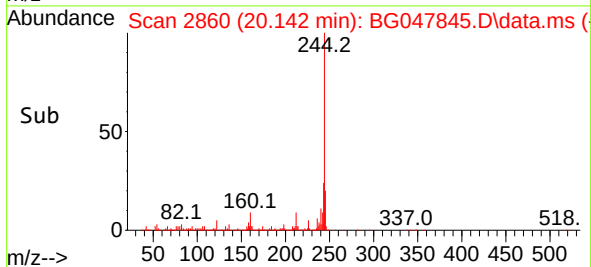
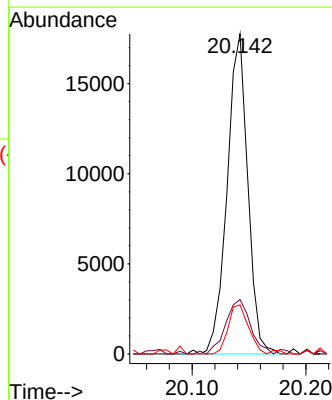
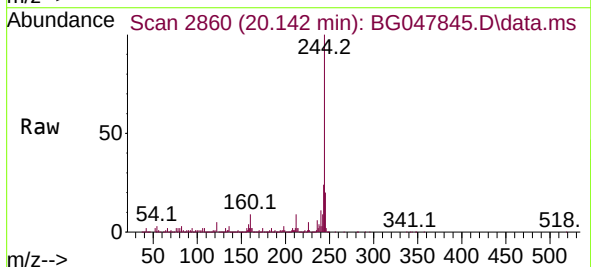
Instrument :
BNA_G
ClientSampleId :
OWL-C8-GW

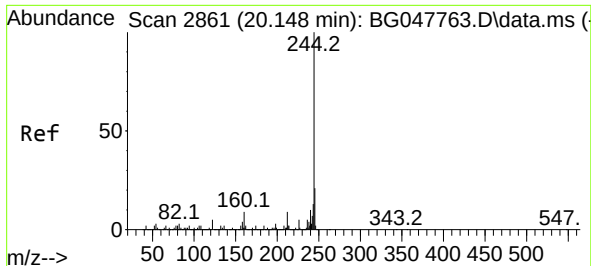
Tgt Ion:240 Resp: 236060
Ion Ratio Lower Upper
240 100
120 2.9 6.2 9.4#
236 25.7 20.5 30.7



#77
Benzidine
Concen: 3.53 ng
RT: 20.142 min Scan# 2860
Delta R.T. 0.376 min
Lab File: BG047845.D
Acq: 29 Dec 2020 20:59

Tgt Ion:184 Resp: 22429
Ion Ratio Lower Upper
184 100
185 17.0 12.4 18.6
183 15.3 10.6 15.8

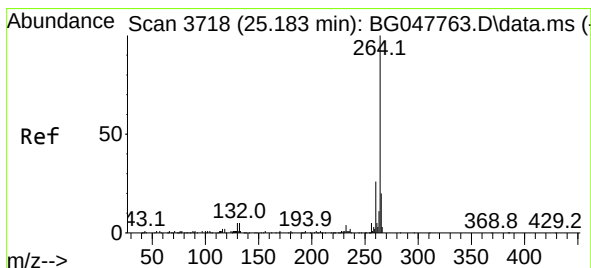
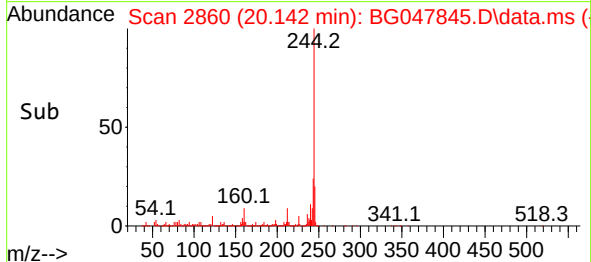
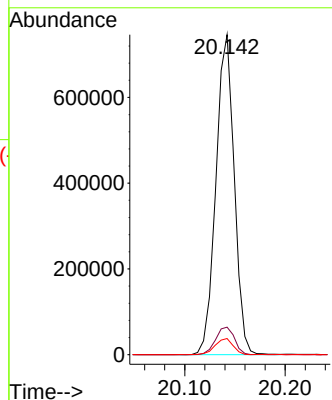
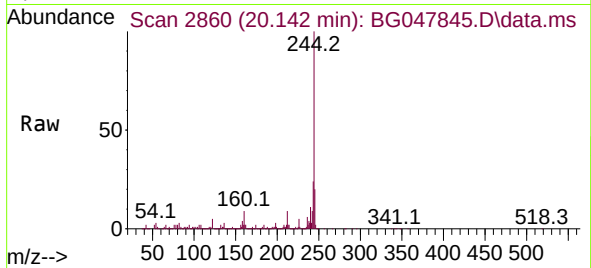




#79
 Terphenyl-d14
 Concen: 66.05 ng
 RT: 20.142 min Scan# 2860
 Delta R.T. -0.006 min
 Lab File: BG047845.D
 Acq: 29 Dec 2020 20:59

Instrument :
 BNA_G
 ClientSampleId :
 OWL-C8-GW

Tgt Ion:244 Resp: 946250
 Ion Ratio Lower Upper
 244 100
 212 8.6 6.7 10.1
 122 5.1 7.8 11.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.172 min Scan# 3716
 Delta R.T. -0.012 min
 Lab File: BG047845.D
 Acq: 29 Dec 2020 20:59

Tgt Ion:264 Resp: 244352
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.8 28.2
 265 22.6 17.8 26.8

