

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102021\
 Data File : BG050646.D
 Acq On : 20 Oct 2021 15:23
 Operator : CG/JU
 Sample : M4286-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SW-RR-01-(2.0)

Quant Time: Oct 20 16:46:48 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 14 10:56:22 2021
 Response via : Initial Calibration

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

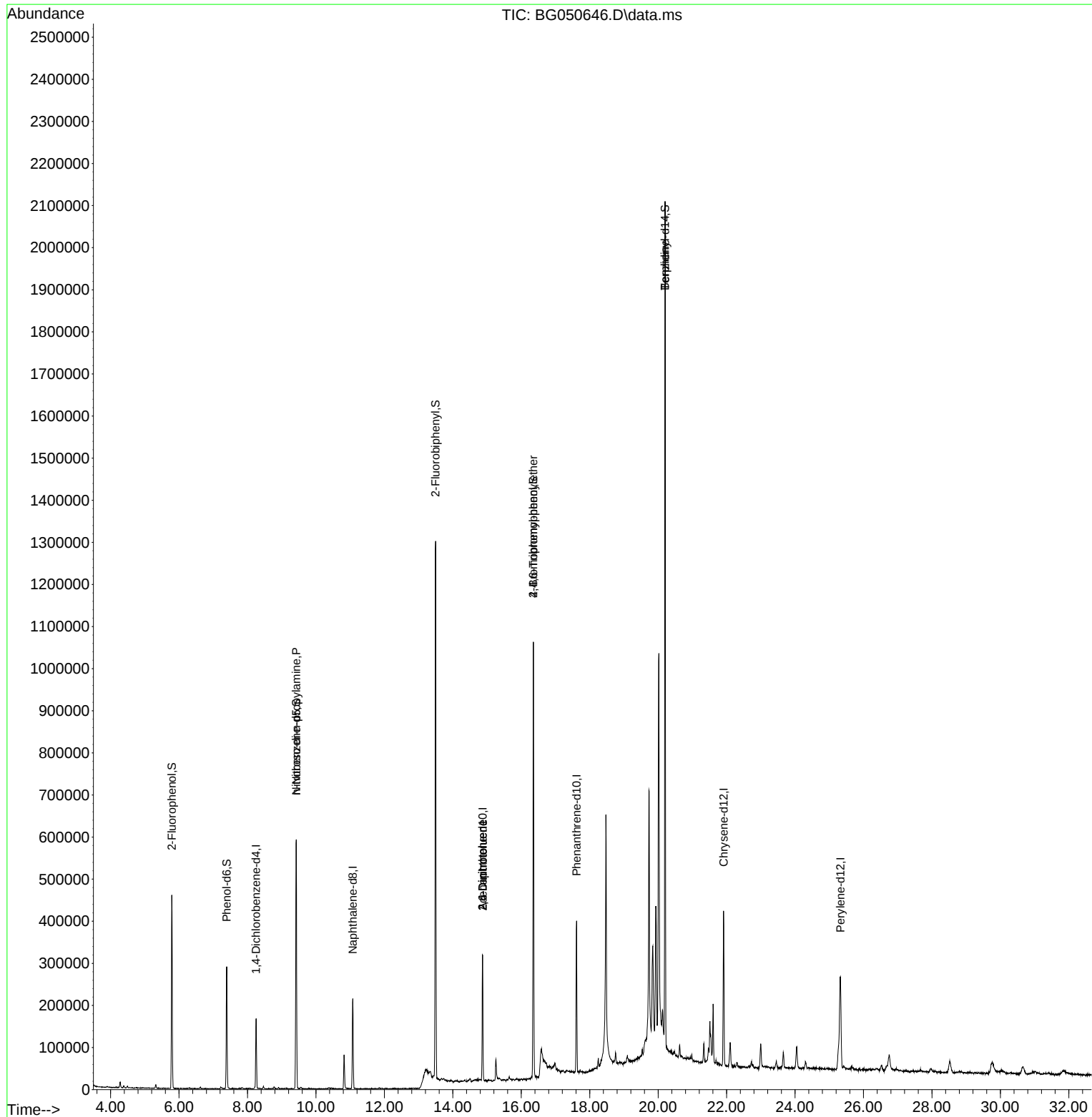
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.251	152	44610	20.000	ng	0.00
21) Naphthalene-d8	11.077	136	175340	20.000	ng	# 0.00
39) Acenaphthene-d10	14.872	164	105592	20.000	ng	0.00
64) Phenanthrene-d10	17.616	188	219398	20.000	ng	# 0.00
76) Chrysene-d12	21.911	240	221331	20.000	ng	#-0.01
86) Perylene-d12	25.325	264	219383	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.789	112	195712	65.612	ng	0.00
7) Phenol-d6	7.393	99	160642	37.197	ng	0.00
23) Nitrobenzene-d5	9.426	82	387504	91.485	ng	0.00
42) 2,4,6-Tribromophenol	16.353	330	145360	144.326	ng	0.00
45) 2-Fluorobiphenyl	13.498	172	641054	91.371	ng	0.00
79) Terphenyl-d14	20.201	244	881612	77.626	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.393	77	411	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.426	70	53163	16.889	ng	# 70
51) 2,6-Dinitrotoluene	14.872	165	13270	8.301	ng	# 11
57) 2,4-Dinitrotoluene	14.872	165	13270	5.889	ng	# 17
67) 4-Bromophenyl-phenylether	16.353	248	11567	5.232	ng	# 1
77) Benzidine	20.201	184	17500	2.440	ng	# 88

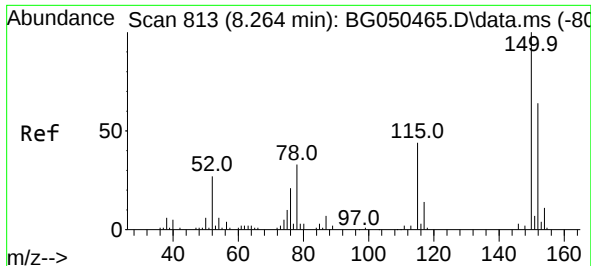
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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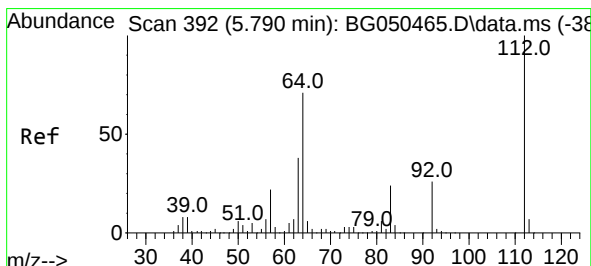
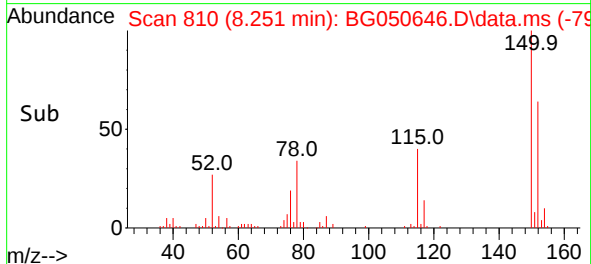
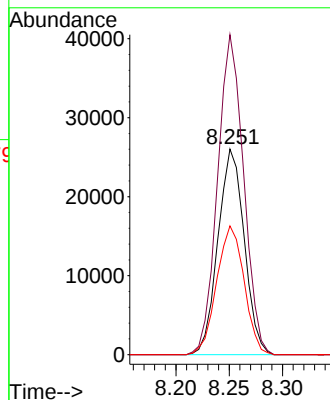
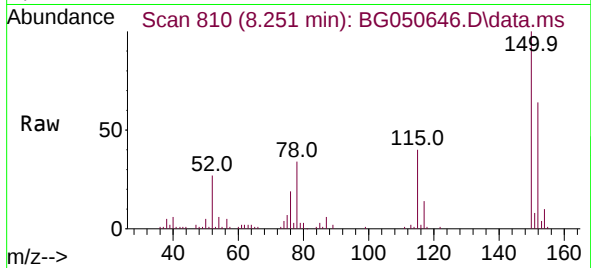




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.251 min Scan# 810
Delta R.T. -0.007 min
Lab File: BG050646.D
Acq: 20 Oct 2021 15:23

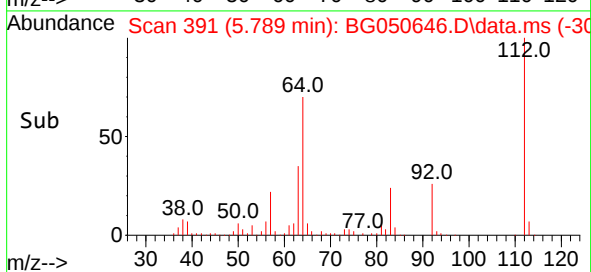
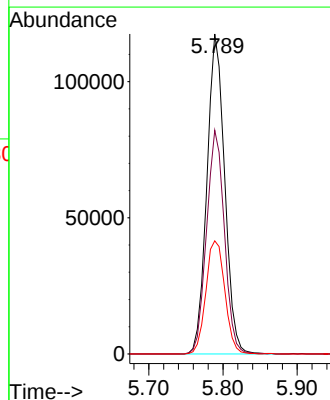
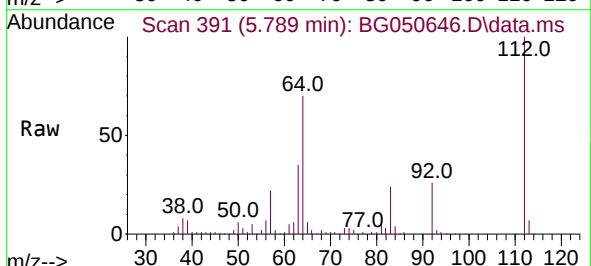
Instrument :
BNA_G
ClientSampleId :
SW-RR-01-(2.0)

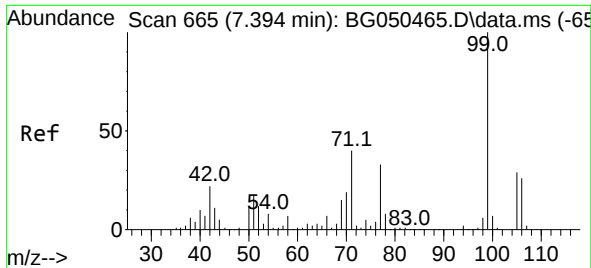
Tgt Ion:152 Resp: 44610
Ion Ratio Lower Upper
152 100
150 155.7 119.4 179.0
115 62.6 60.2 90.4



#5
2-Fluorophenol
Concen: 65.612 ng
RT: 5.789 min Scan# 391
Delta R.T. -0.002 min
Lab File: BG050646.D
Acq: 20 Oct 2021 15:23

Tgt Ion:112 Resp: 195712
Ion Ratio Lower Upper
112 100
64 69.9 46.7 70.1
63 35.4 35.3 52.9

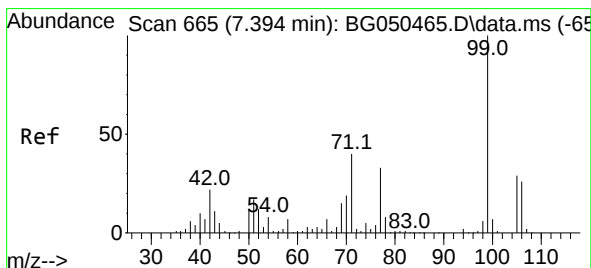
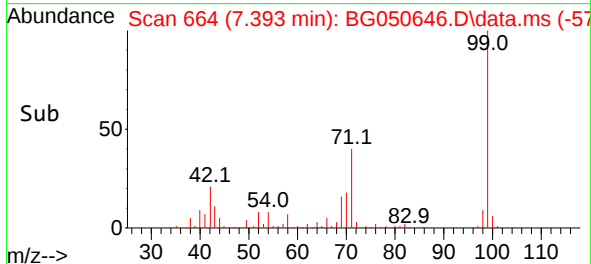
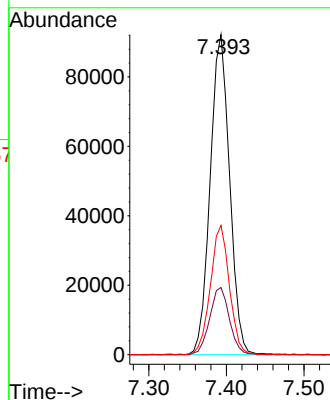
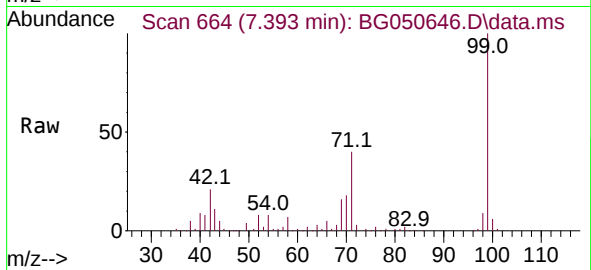




#7
Phenol-d6
Concen: 37.197 ng
RT: 7.393 min Scan# 664
Delta R.T. -0.008 min
Lab File: BG050646.D
Acq: 20 Oct 2021 15:23

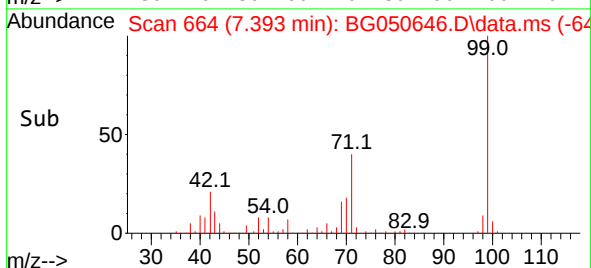
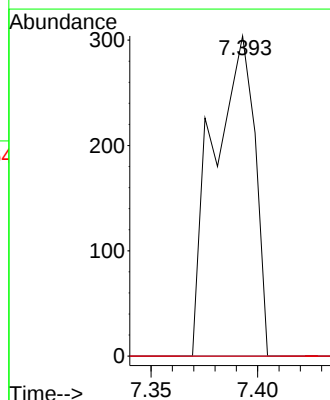
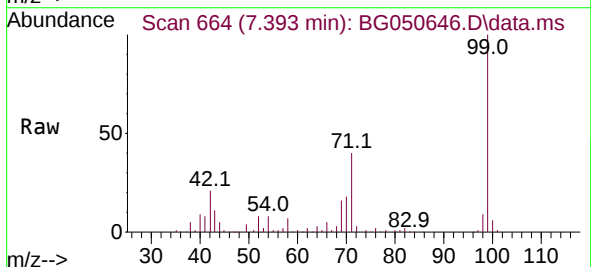
Instrument :
BNA_G
ClientSampleId :
SW-RR-01-(2.0)

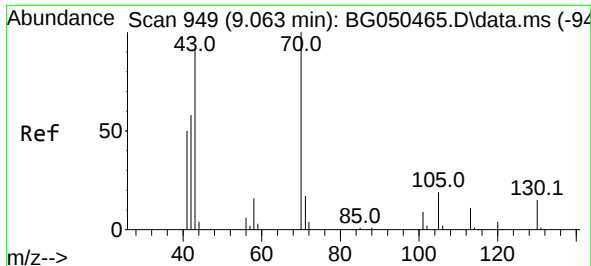
Tgt Ion: 99 Resp: 160642
Ion Ratio Lower Upper
99 100
42 21.0 20.5 30.7
71 40.4 41.5 62.3#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.393 min Scan# 664
Delta R.T. 0.004 min
Lab File: BG050646.D
Acq: 20 Oct 2021 15:23

Tgt Ion: 77 Resp: 411
Ion Ratio Lower Upper
77 100
105 0.0 68.8 108.8#
106 0.0 47.9 87.9#

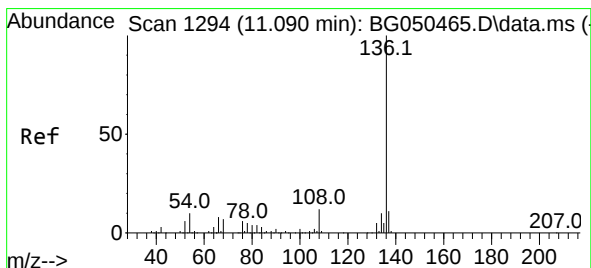
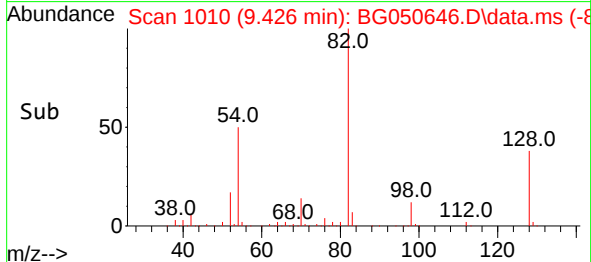
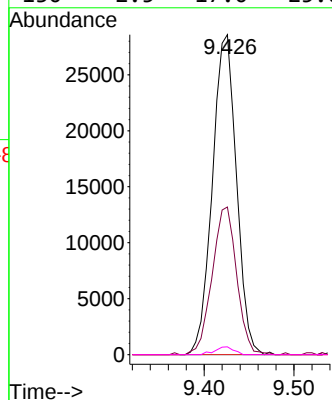
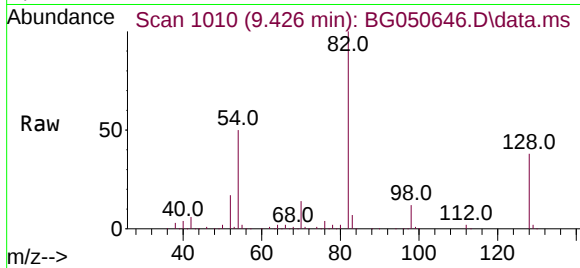




#19
n-Nitroso-di-n-propylamine
Concen: 16.889 ng
RT: 9.426 min Scan# 1010
Delta R.T. 0.368 min
Lab File: BG050646.D
Acq: 20 Oct 2021 15:23

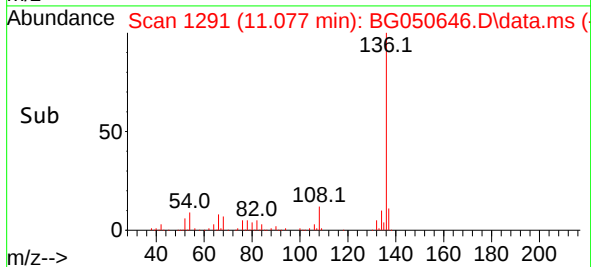
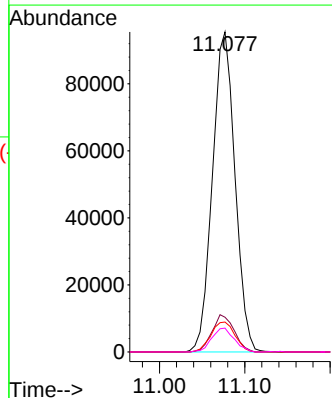
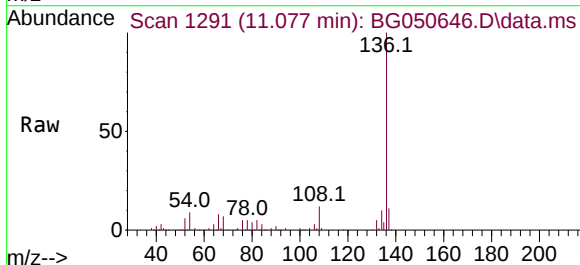
Instrument :
BNA_G
ClientSampleId :
SW-RR-01-(2.0)

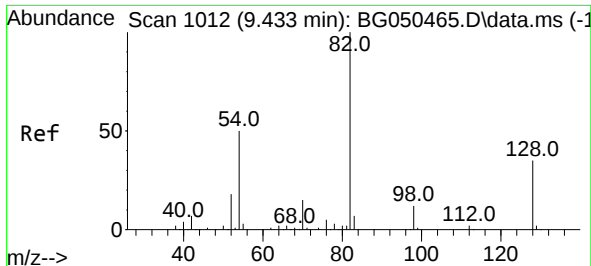
Tgt Ion:	70	Resp:	53163
Ion	Ratio	Lower	Upper
70	100		
42	46.2	54.5	81.7#
101	0.0	9.0	13.6#
130	2.5	17.0	25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.077 min Scan# 1291
Delta R.T. -0.008 min
Lab File: BG050646.D
Acq: 20 Oct 2021 15:23

Tgt Ion:	136	Resp:	175340
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.2	12.2
54	9.4	5.5	8.3#
68	7.5	2.3	3.5#

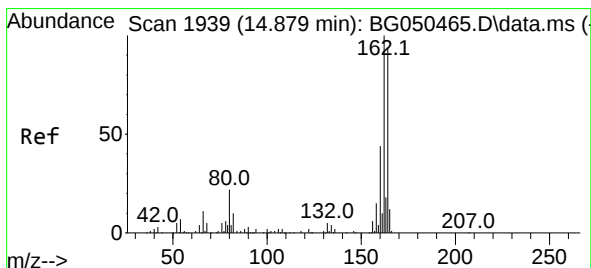
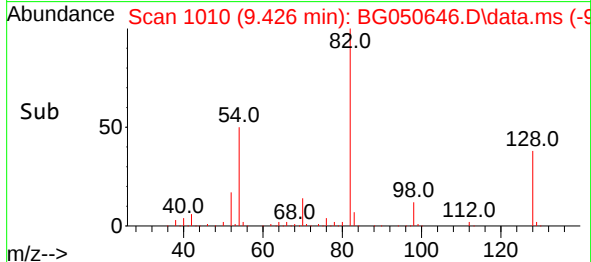
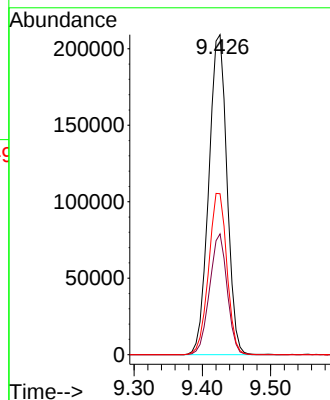
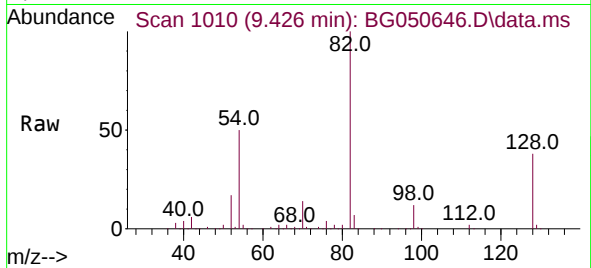




#23
Nitrobenzene-d5
Concen: 91.485 ng
RT: 9.426 min Scan# 1010
Delta R.T. -0.002 min
Lab File: BG050646.D
Acq: 20 Oct 2021 15:23

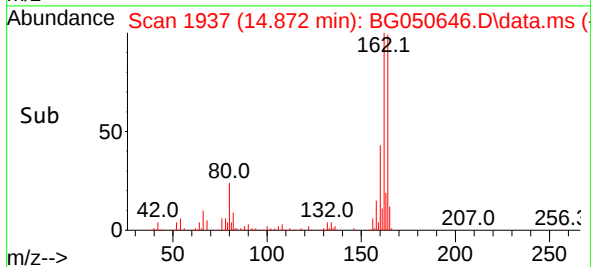
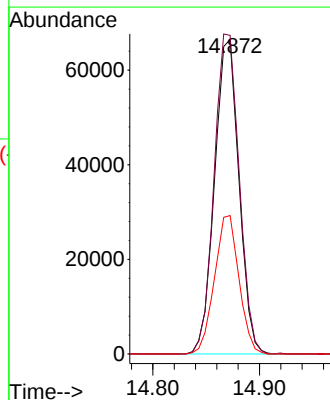
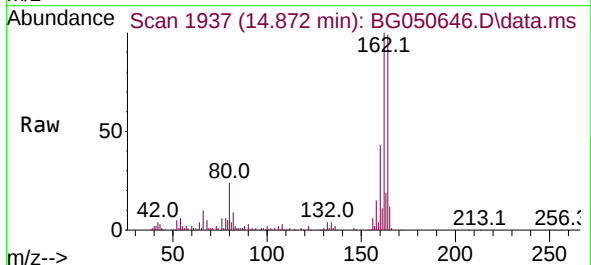
Instrument :
BNA_G
ClientSampleId :
SW-RR-01-(2.0)

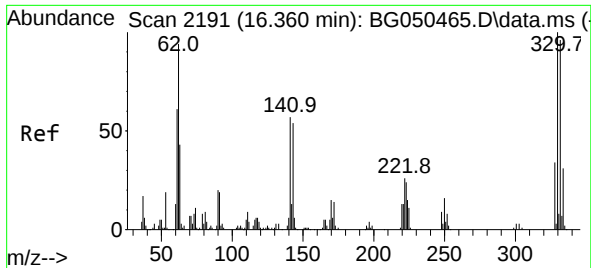
Tgt Ion: 82 Resp: 387504
Ion Ratio Lower Upper
82 100
128 37.8 29.8 44.6
54 50.3 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.872 min Scan# 1937
Delta R.T. -0.002 min
Lab File: BG050646.D
Acq: 20 Oct 2021 15:23

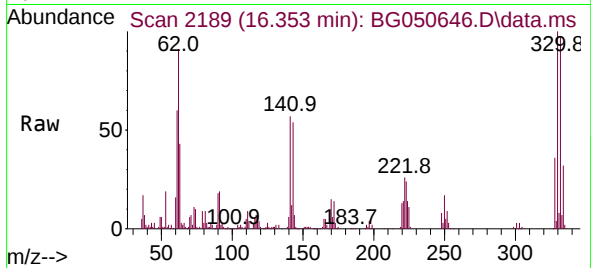
Tgt Ion:164 Resp: 105592
Ion Ratio Lower Upper
164 100
162 101.3 81.4 122.0
160 44.0 34.9 52.3



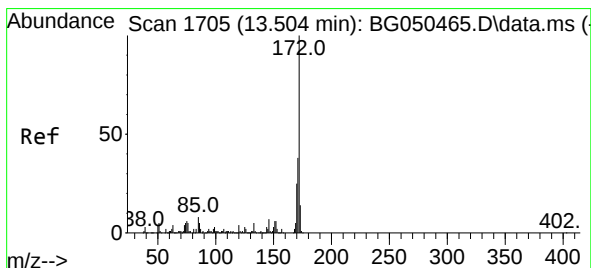
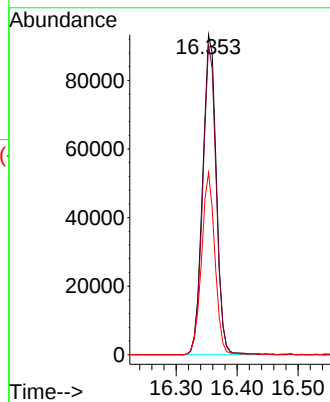
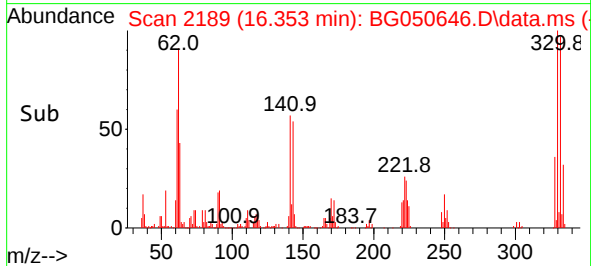


#42
2,4,6-Tribromophenol
Concen: 144.326 ng
RT: 16.353 min Scan# 2189
Delta R.T. -0.008 min
Lab File: BG050646.D
Acq: 20 Oct 2021 15:23

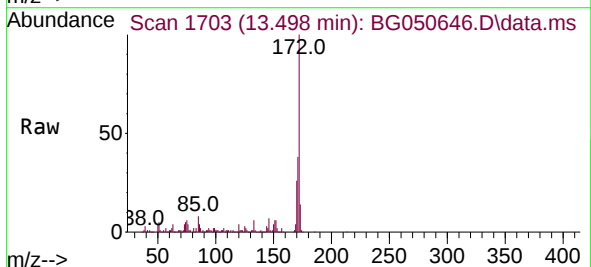
Instrument :
BNA_G
ClientSampleId :
SW-RR-01-(2.0)



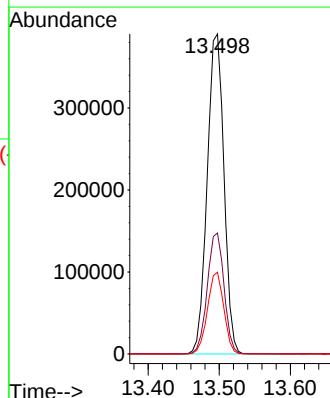
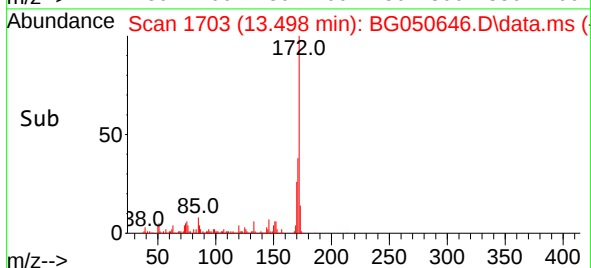
Tgt Ion:330 Resp: 145360
Ion Ratio Lower Upper
330 100
332 95.2 77.3 115.9
141 55.4 35.6 53.4#

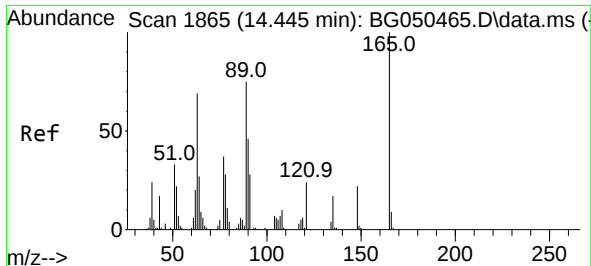


#45
2-Fluorobiphenyl
Concen: 91.371 ng
RT: 13.498 min Scan# 1703
Delta R.T. -0.008 min
Lab File: BG050646.D
Acq: 20 Oct 2021 15:23



Tgt Ion:172 Resp: 641054
Ion Ratio Lower Upper
172 100
171 37.8 28.6 43.0
170 25.6 18.6 27.8

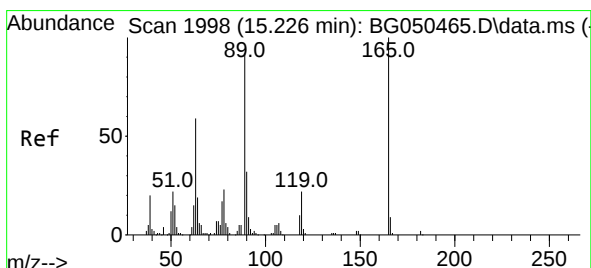
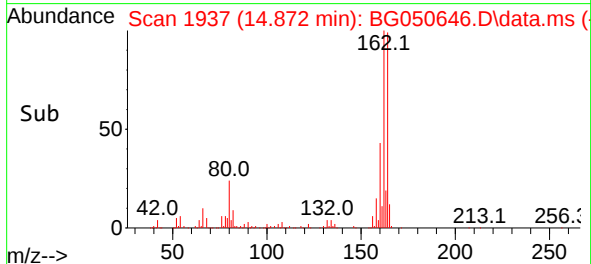
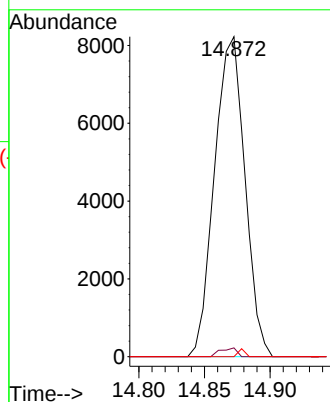
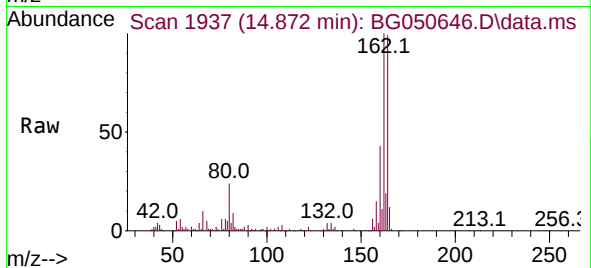




#51
2,6-Dinitrotoluene
Concen: 8.301 ng
RT: 14.872 min Scan# 1937
Delta R.T. 0.427 min
Lab File: BG050646.D
Acq: 20 Oct 2021 15:23

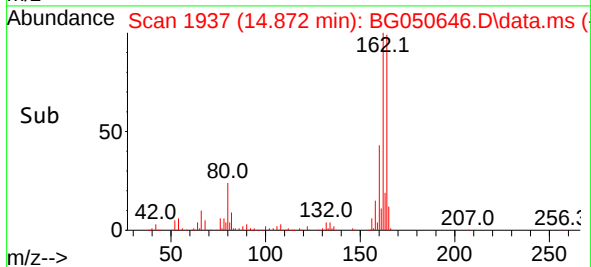
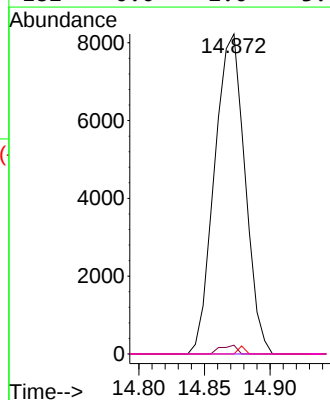
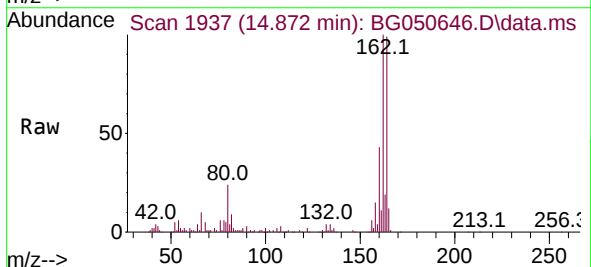
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ClientSampleId :
SW-RR-01-(2.0)

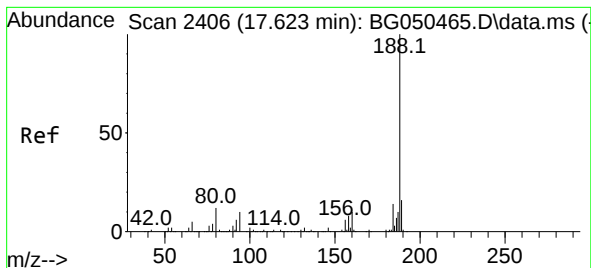
Tgt Ion:165 Resp: 13270
Ion Ratio Lower Upper
165 100
63 2.7 63.3 94.9#
89 0.0 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 5.889 ng
RT: 14.872 min Scan# 1937
Delta R.T. -0.354 min
Lab File: BG050646.D
Acq: 20 Oct 2021 15:23

Tgt Ion:165 Resp: 13270
Ion Ratio Lower Upper
165 100
63 2.7 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#

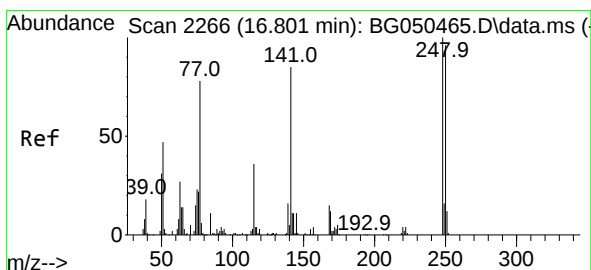
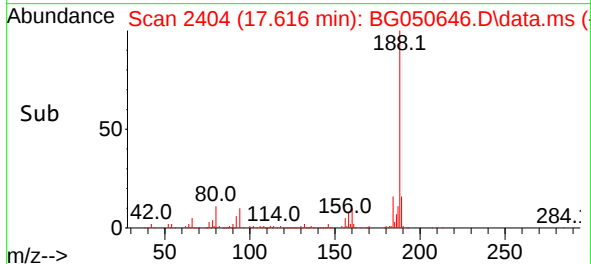
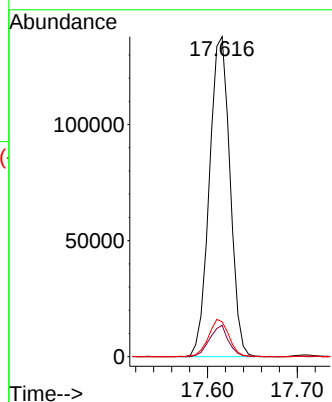
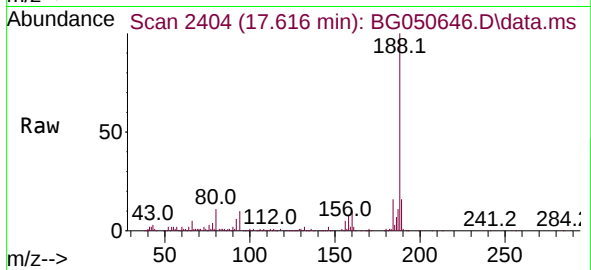




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.616 min Scan# 2404
Delta R.T. -0.002 min
Lab File: BG050646.D
Acq: 20 Oct 2021 15:23

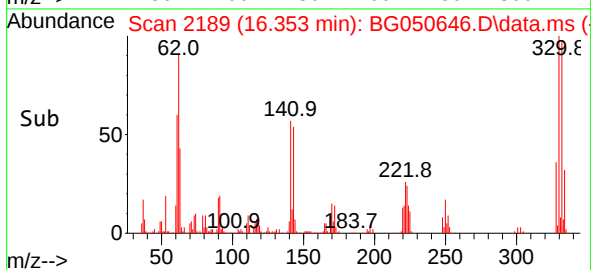
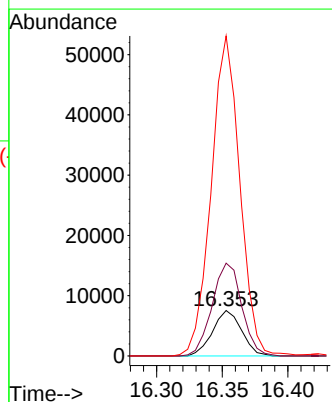
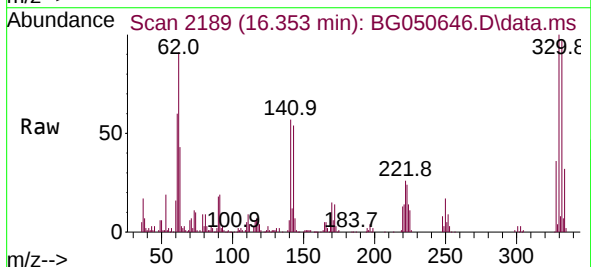
Instrument :
BNA_G
ClientSampleId :
SW-RR-01-(2.0)

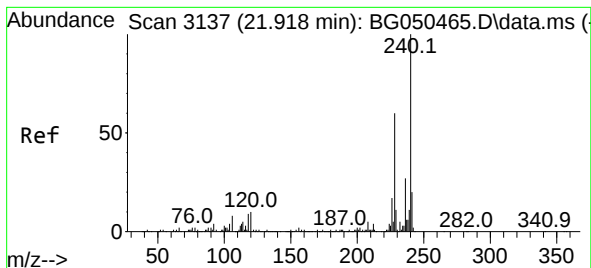
Tgt Ion:188 Resp: 219398
Ion Ratio Lower Upper
188 100
94 9.8 5.4 8.0#
80 10.9 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 5.232 ng
RT: 16.353 min Scan# 2189
Delta R.T. -0.448 min
Lab File: BG050646.D
Acq: 20 Oct 2021 15:23

Tgt Ion:248 Resp: 11567
Ion Ratio Lower Upper
248 100
250 204.4 76.1 114.1#
141 704.1 65.4 98.2#

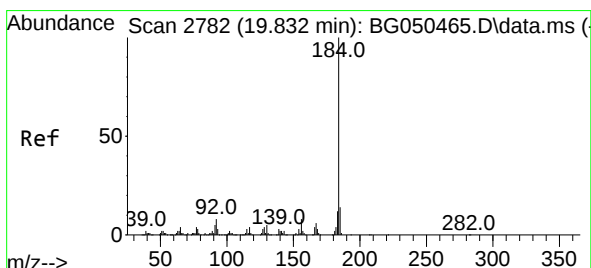
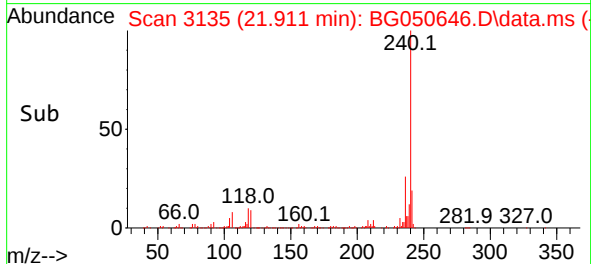
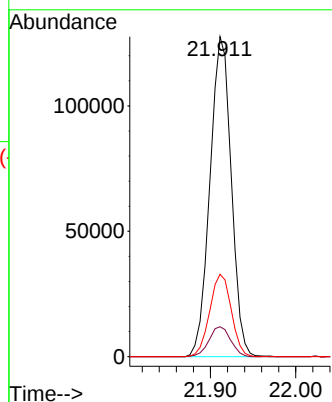
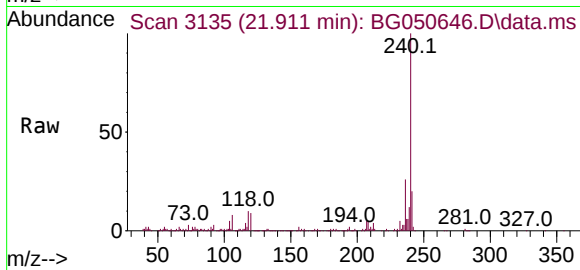




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.911 min Scan# 3135
Delta R.T. -0.014 min
Lab File: BG050646.D
Acq: 20 Oct 2021 15:23

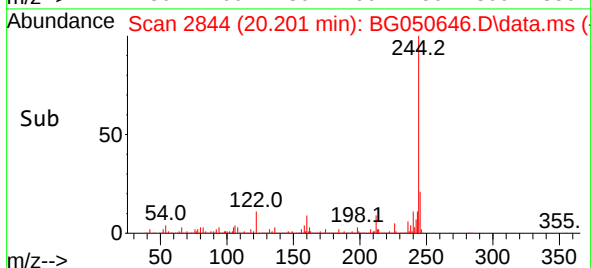
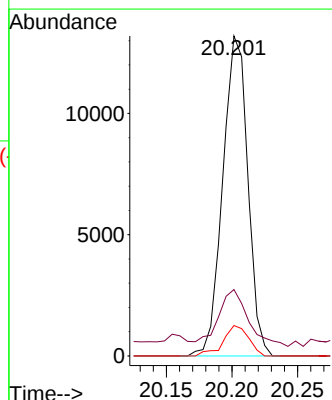
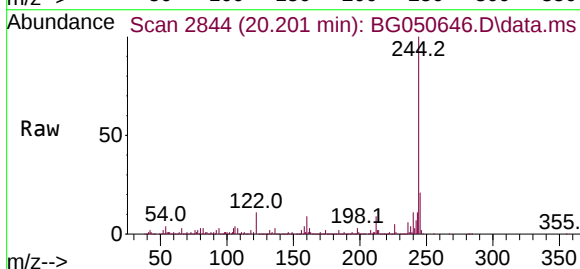
Instrument :
BNA_G
ClientSampleId :
SW-RR-01-(2.0)

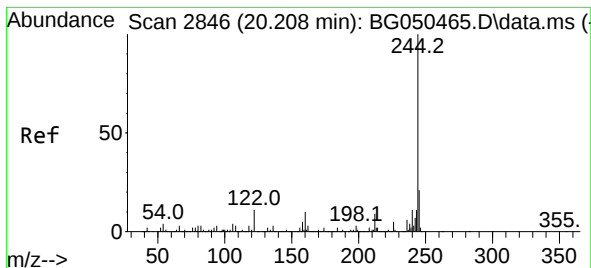
Tgt Ion:240 Resp: 221331
Ion Ratio Lower Upper
240 100
120 9.3 4.2 6.2#
236 25.7 21.8 32.6



#77
Benzidine
Concen: 2.440 ng
RT: 20.201 min Scan# 2844
Delta R.T. 0.368 min
Lab File: BG050646.D
Acq: 20 Oct 2021 15:23

Tgt Ion:184 Resp: 17500
Ion Ratio Lower Upper
184 100
185 20.8 10.7 16.1#
183 9.5 9.4 14.0





#79

Terphenyl-d14

Concen: 77.626 ng

RT: 20.201 min Scan# 2844

Delta R.T. -0.008 min

Lab File: BG050646.D

Acq: 20 Oct 2021 15:23

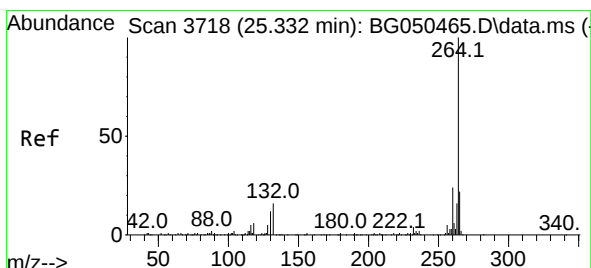
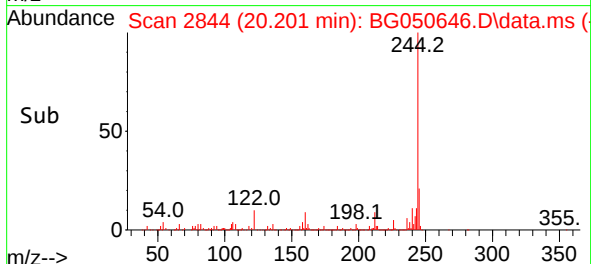
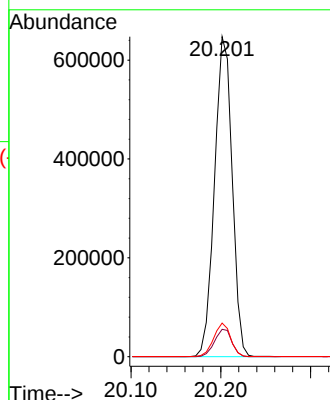
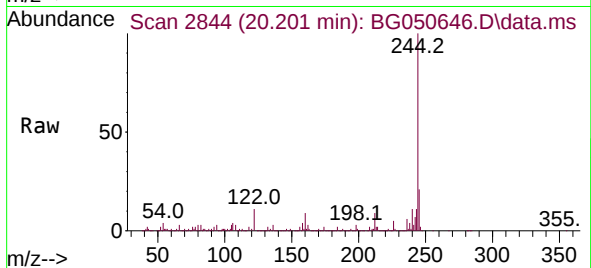
Tgt Ion:244 Resp: 881612

Ion Ratio Lower Upper

244 100

212 8.5 6.9 10.3

122 10.5 5.0 7.6#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.325 min Scan# 3716

Delta R.T. -0.008 min

Lab File: BG050646.D

Acq: 20 Oct 2021 15:23

Tgt Ion:264 Resp: 219383

Ion Ratio Lower Upper

264 100

260 25.8 19.4 29.2

265 22.9 16.9 25.3

