

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101421\
 Data File : BG050593.D
 Acq On : 14 Oct 2021 18:34
 Operator : CG/JU
 Sample : M4190-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Oct 15 03:51:10 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)

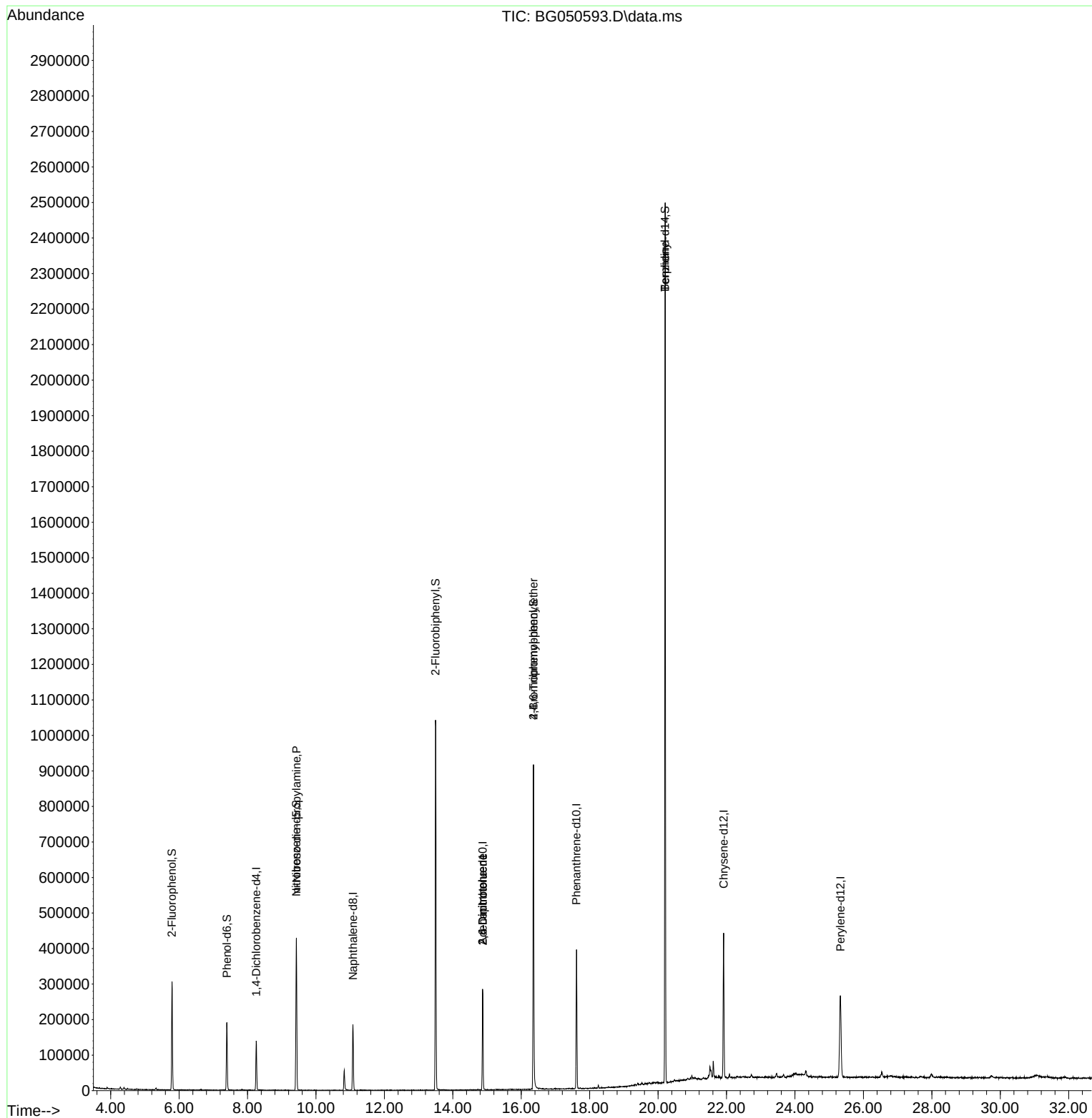
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.254	152	36513	20.000	ng	0.00
21) Naphthalene-d8	11.080	136	148205	20.000	ng	# 0.00
39) Acenaphthene-d10	14.870	164	101335	20.000	ng	0.00
64) Phenanthrene-d10	17.613	188	247203	20.000	ng	# 0.00
76) Chrysene-d12	21.914	240	244520	20.000	ng	#-0.01
86) Perylene-d12	25.328	264	241125	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.792	112	126093	51.646	ng	0.00
7) Phenol-d6	7.396	99	108540	30.706	ng	0.00
23) Nitrobenzene-d5	9.423	82	283504	79.187	ng	0.00
42) 2,4,6-Tribromophenol	16.356	330	138120	142.899	ng	0.00
45) 2-Fluorobiphenyl	13.495	172	521578	77.465	ng	-0.01
79) Terphenyl-d14	20.204	244	1056854	84.231	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.396	77	326	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.429	70	40117	15.571	ng	# 69
51) 2,6-Dinitrotoluene	14.870	165	12911	8.416	ng	# 11
57) 2,4-Dinitrotoluene	14.870	165	12911	5.971	ng	# 16
67) 4-Bromophenyl-phenylether	16.356	248	11329	4.548	ng	# 1
77) Benzidine	20.204	184	21587	2.724	ng	# 91

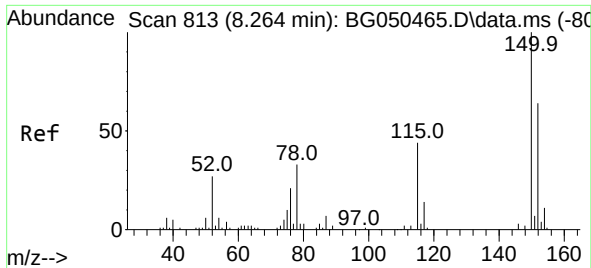
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 14 Sample Multiplier: 1

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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

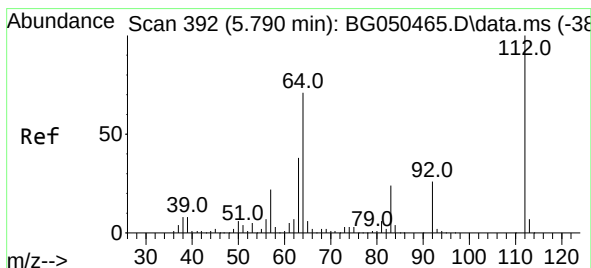
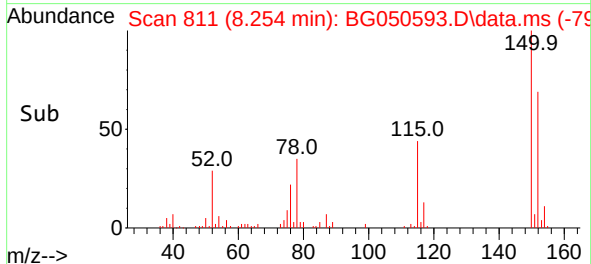
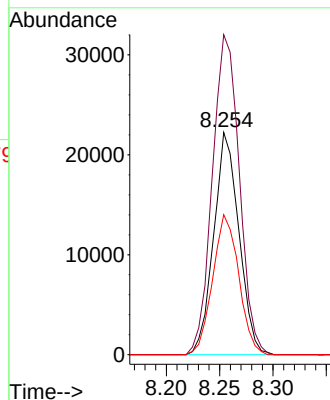
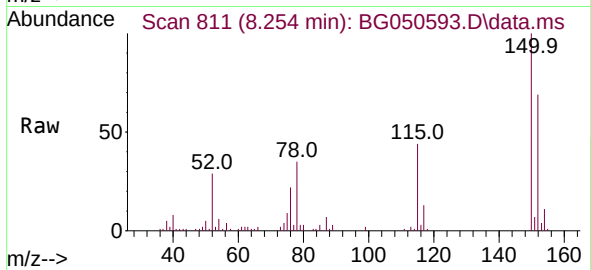




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.254 min Scan# 811
Delta R.T. -0.004 min
Lab File: BG050593.D
Acq: 14 Oct 2021 18:34

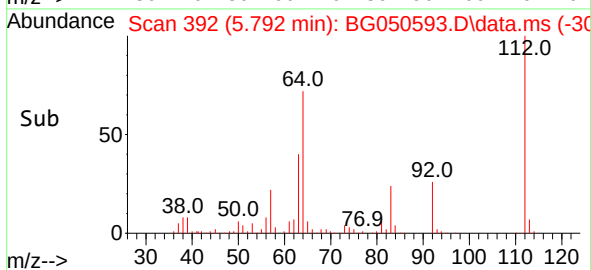
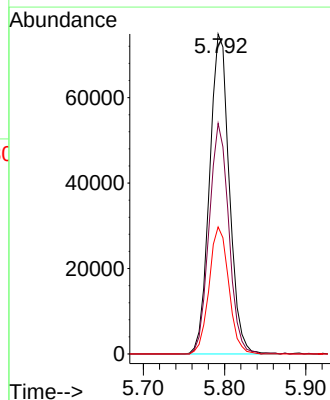
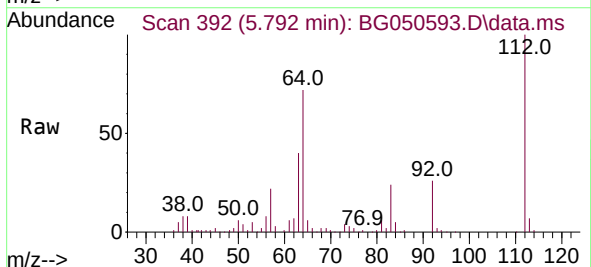
Instrument :
BNA_G
ClientSampleId :
SW-RR-01-(2.0)

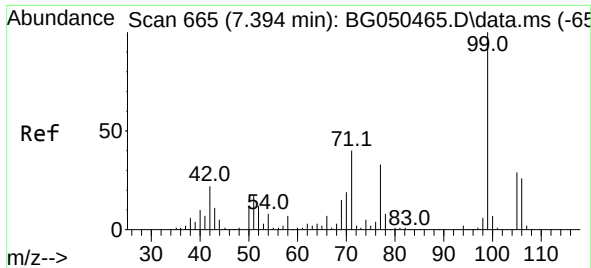
Tgt Ion:152 Resp: 36513
Ion Ratio Lower Upper
152 100
150 143.9 119.4 179.0
115 63.0 60.2 90.4



#5
2-Fluorophenol
Concen: 51.646 ng
RT: 5.792 min Scan# 392
Delta R.T. 0.001 min
Lab File: BG050593.D
Acq: 14 Oct 2021 18:34

Tgt Ion:112 Resp: 126093
Ion Ratio Lower Upper
112 100
64 72.1 46.7 70.1#
63 39.7 35.3 52.9

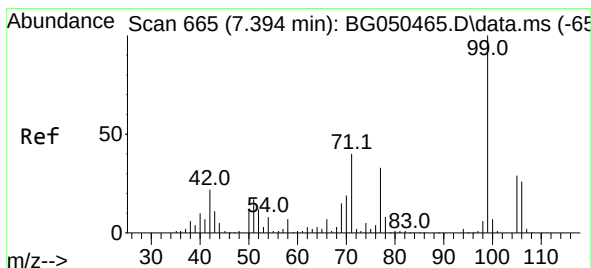
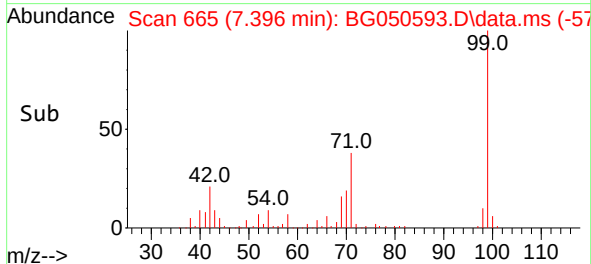
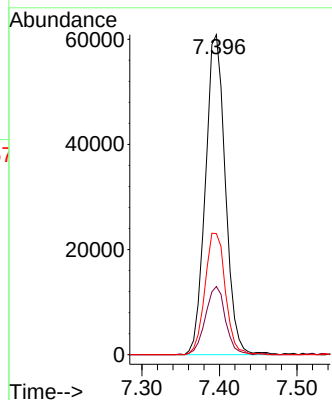
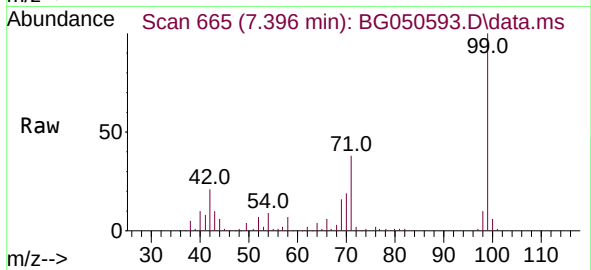




#7
Phenol-d6
Concen: 30.706 ng
RT: 7.396 min Scan# 665
Delta R.T. -0.005 min
Lab File: BG050593.D
Acq: 14 Oct 2021 18:34

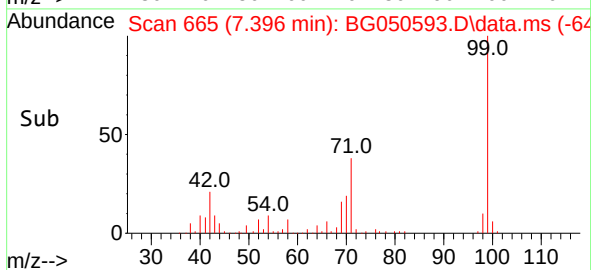
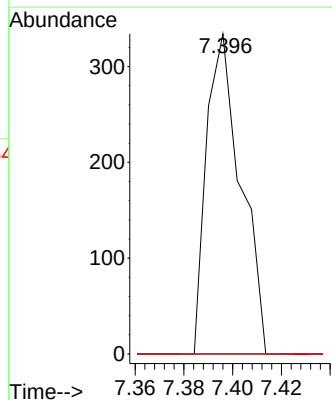
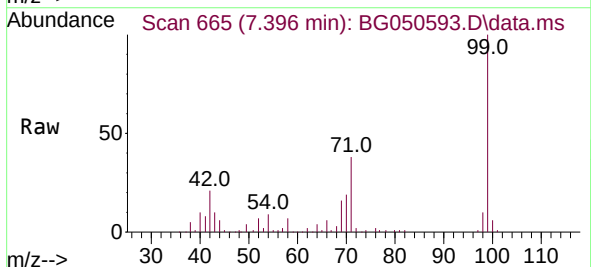
Instrument :
BNA_G
ClientSampleId :
SW-RR-01-(2.0)

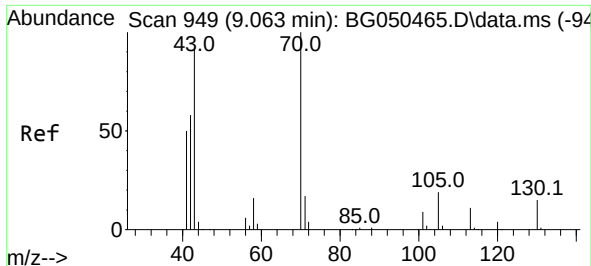
Tgt Ion: 99 Resp: 108540
Ion Ratio Lower Upper
99 100
42 21.3 20.5 30.7
71 37.9 41.5 62.3#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.396 min Scan# 665
Delta R.T. 0.007 min
Lab File: BG050593.D
Acq: 14 Oct 2021 18:34

Tgt Ion: 77 Resp: 326
Ion Ratio Lower Upper
77 100
105 0.0 68.8 108.8#
106 0.0 47.9 87.9#

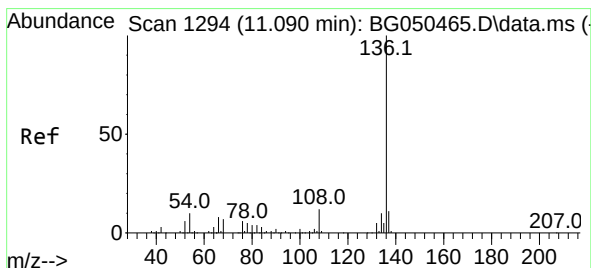
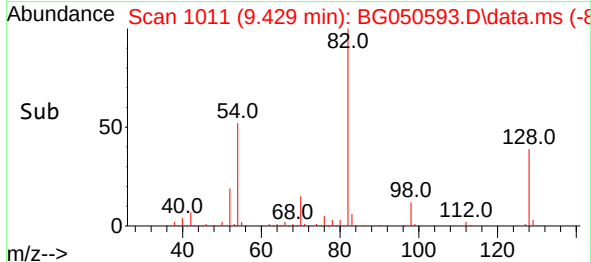
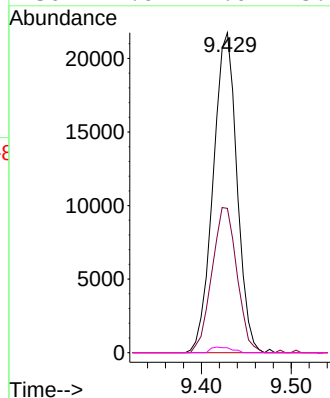
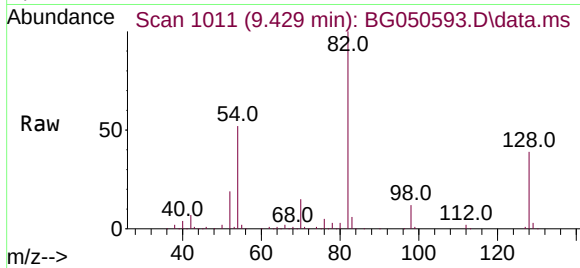




#19
n-Nitroso-di-n-propylamine
Concen: 15.571 ng
RT: 9.429 min Scan# 1011
Delta R.T. 0.371 min
Lab File: BG050593.D
Acq: 14 Oct 2021 18:34

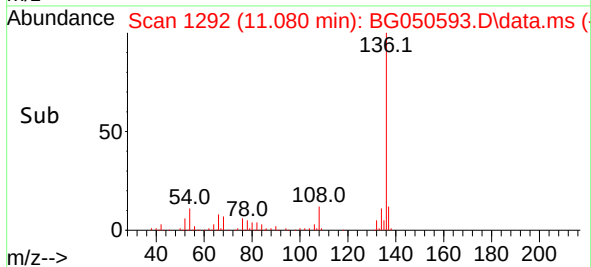
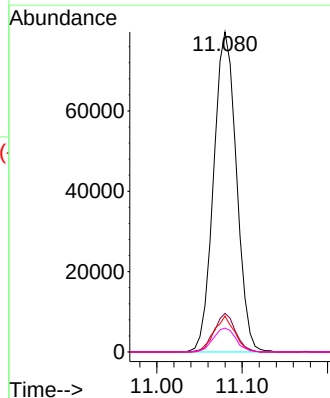
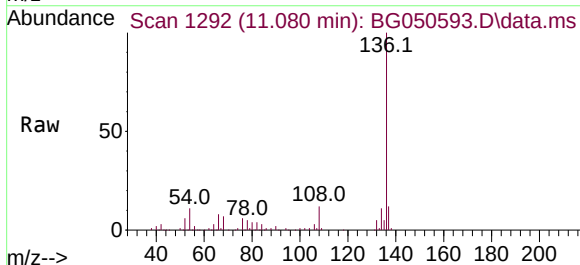
Instrument :
BNA_G
ClientSampleId :
SW-RR-01-(2.0)

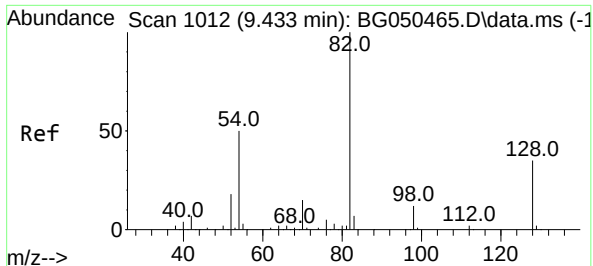
Tgt Ion:	70	Resp:	40117
Ion	Ratio	Lower	Upper
70	100		
42	45.1	54.5	81.7#
101	0.0	9.0	13.6#
130	1.6	17.0	25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.080 min Scan# 1292
Delta R.T. -0.005 min
Lab File: BG050593.D
Acq: 14 Oct 2021 18:34

Tgt Ion:	136	Resp:	148205
Ion	Ratio	Lower	Upper
136	100		
137	12.0	8.2	12.2
54	11.2	5.5	8.3#
68	7.5	2.3	3.5#

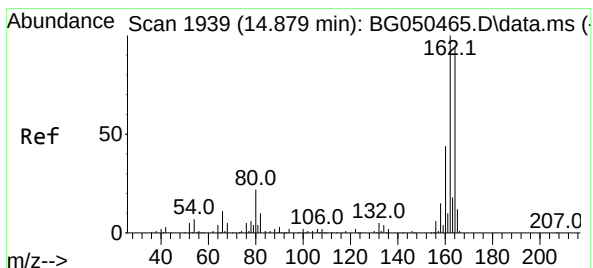
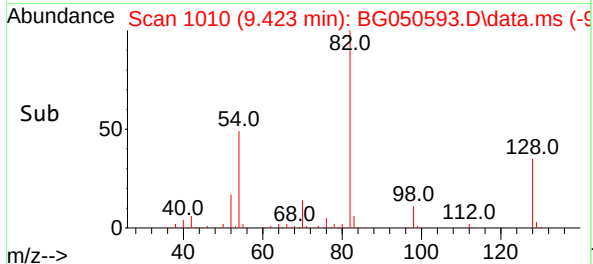
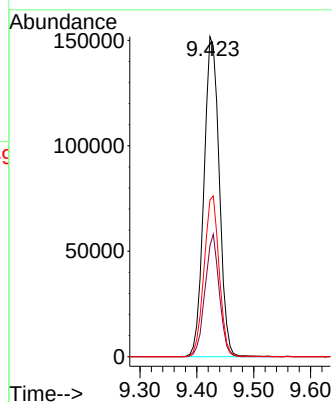
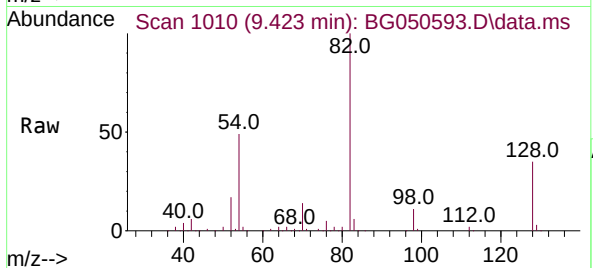




#23
Nitrobenzene-d5
Concen: 79.187 ng
RT: 9.423 min Scan# 1010
Delta R.T. -0.005 min
Lab File: BG050593.D
Acq: 14 Oct 2021 18:34

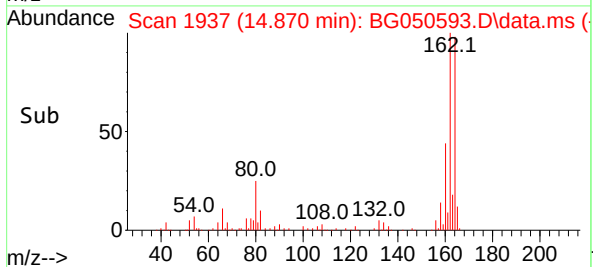
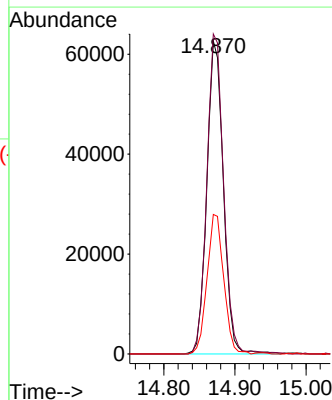
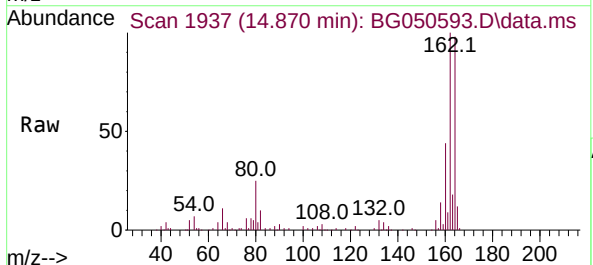
Instrument :
BNA_G
ClientSampleId :
SW-RR-01-(2.0)

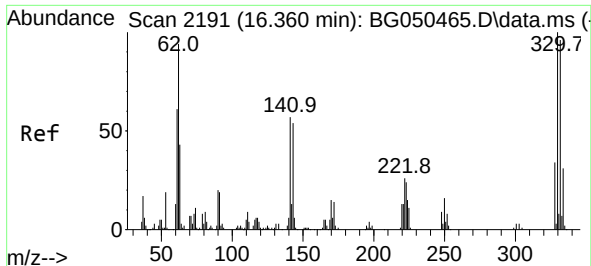
Tgt Ion: 82 Resp: 283504
Ion Ratio Lower Upper
82 100
128 34.7 29.8 44.6
54 49.0 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.870 min Scan# 1937
Delta R.T. -0.005 min
Lab File: BG050593.D
Acq: 14 Oct 2021 18:34

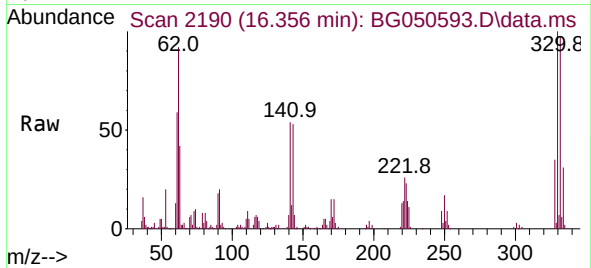
Tgt Ion: 164 Resp: 101335
Ion Ratio Lower Upper
164 100
162 102.2 81.4 122.0
160 44.6 34.9 52.3



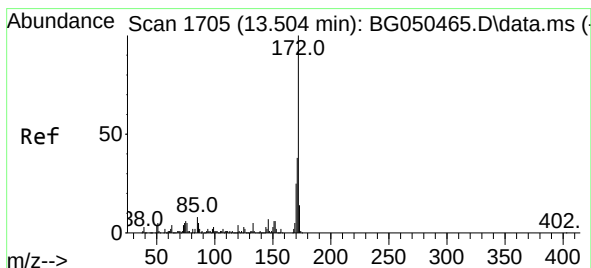
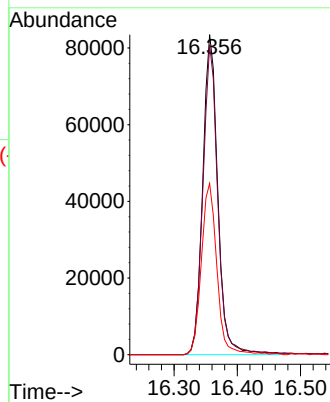
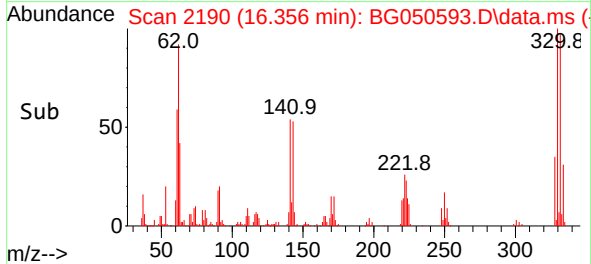


#42
2,4,6-Tribromophenol
Concen: 142.899 ng
RT: 16.356 min Scan# 2190
Delta R.T. -0.005 min
Lab File: BG050593.D
Acq: 14 Oct 2021 18:34

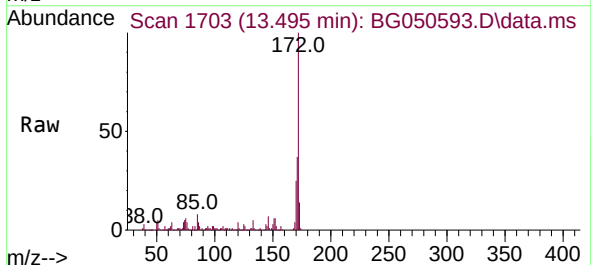
Instrument :
BNA_G
ClientSampleId :
SW-RR-01-(2.0)



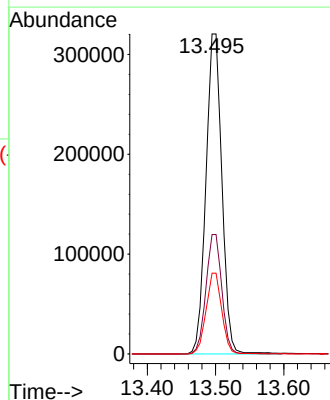
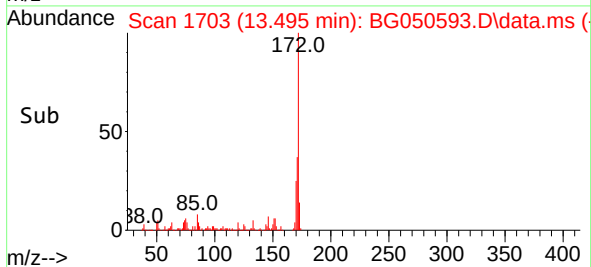
Tgt Ion:330 Resp: 138120
Ion Ratio Lower Upper
330 100
332 96.3 77.3 115.9
141 55.0 35.6 53.4#

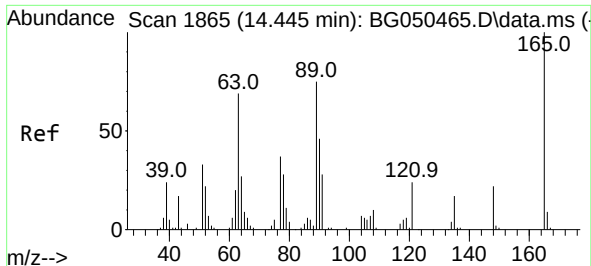


#45
2-Fluorobiphenyl
Concen: 77.465 ng
RT: 13.495 min Scan# 1703
Delta R.T. -0.010 min
Lab File: BG050593.D
Acq: 14 Oct 2021 18:34



Tgt Ion:172 Resp: 521578
Ion Ratio Lower Upper
172 100
171 37.3 28.6 43.0
170 25.3 18.6 27.8

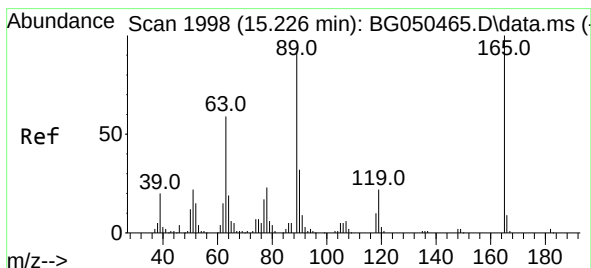
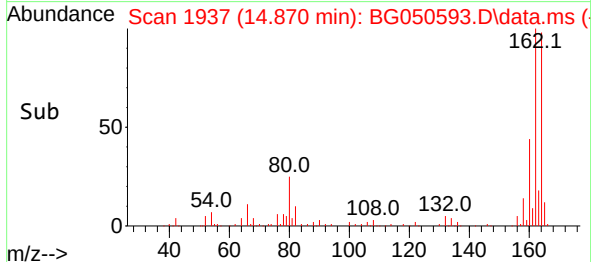
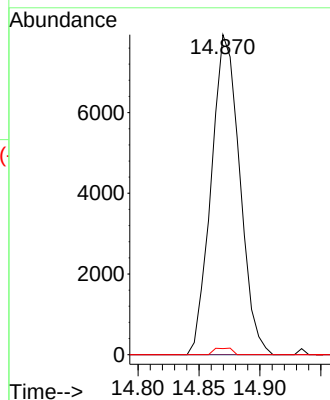
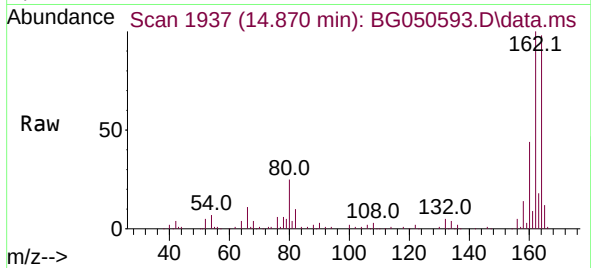




#51
2,6-Dinitrotoluene
Concen: 8.416 ng
RT: 14.870 min Scan# 1937
Delta R.T. 0.424 min
Lab File: BG050593.D
Acq: 14 Oct 2021 18:34

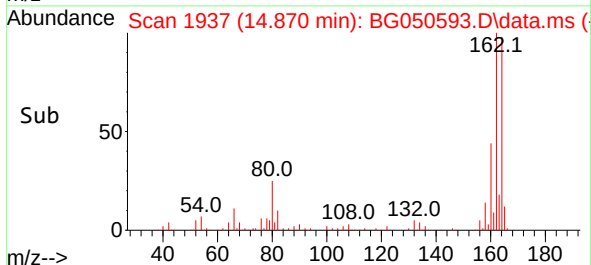
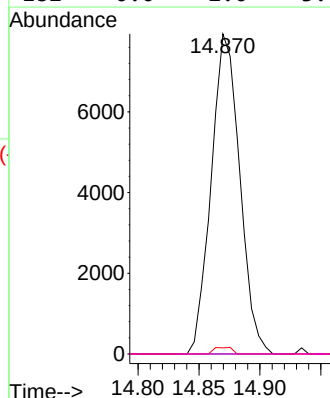
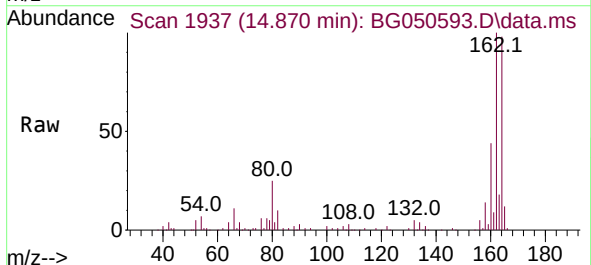
Instrument :
BNA_G
ClientSampleId :
SW-RR-01-(2.0)

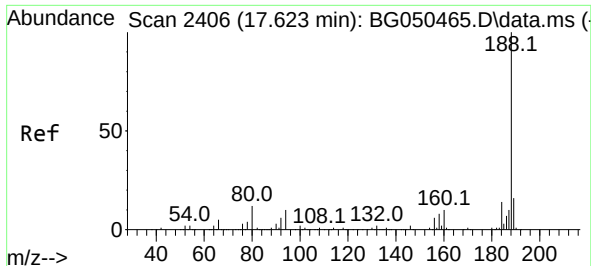
Tgt Ion:165 Resp: 12911
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 1.9 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 5.971 ng
RT: 14.870 min Scan# 1937
Delta R.T. -0.357 min
Lab File: BG050593.D
Acq: 14 Oct 2021 18:34

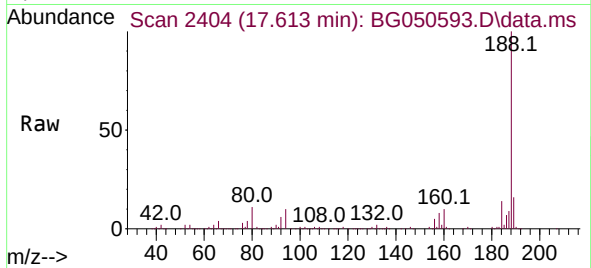
Tgt Ion:165 Resp: 12911
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 1.9 65.4 98.0#
182 0.0 2.0 3.0#



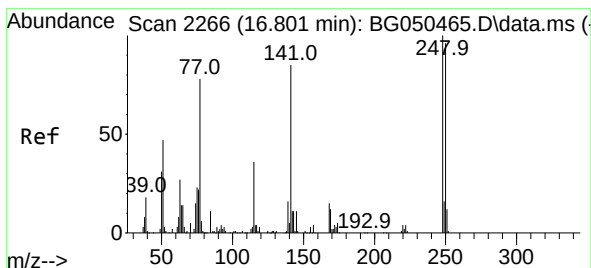
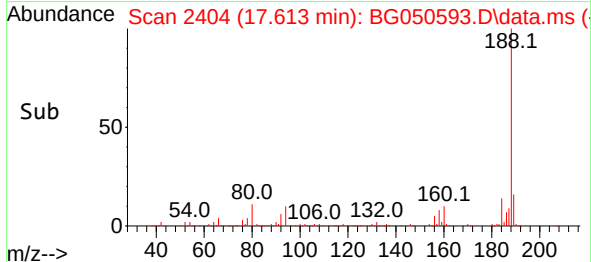
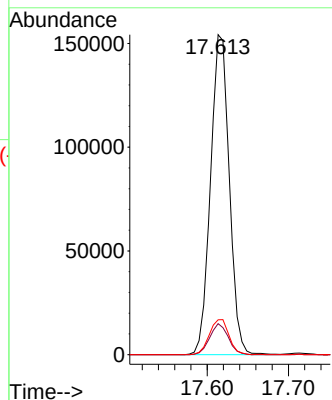


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.613 min Scan# 2404
Delta R.T. -0.005 min
Lab File: BG050593.D
Acq: 14 Oct 2021 18:34

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

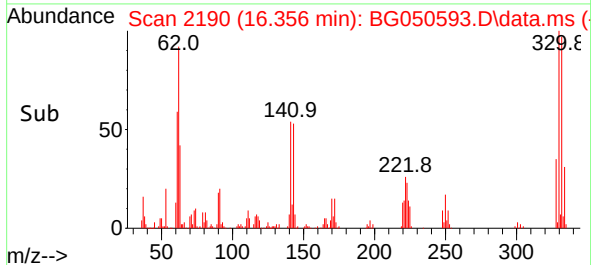
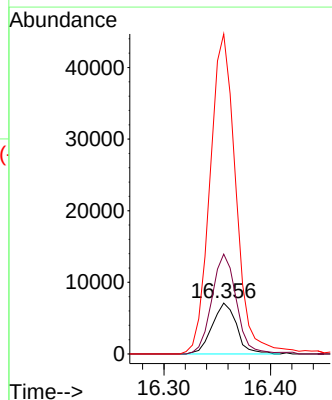
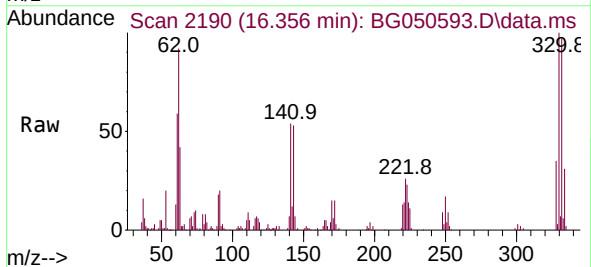


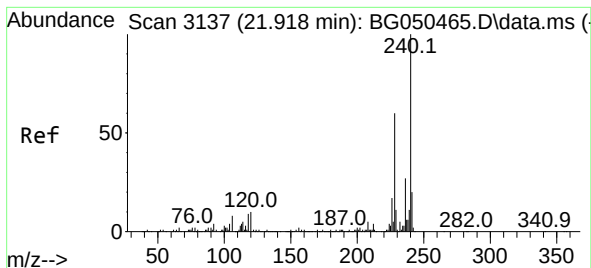
Tgt Ion:188 Resp: 247203
Ion Ratio Lower Upper
188 100
94 9.7 5.4 8.0#
80 10.9 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 4.548 ng
RT: 16.356 min Scan# 2190
Delta R.T. -0.445 min
Lab File: BG050593.D
Acq: 14 Oct 2021 18:34

Tgt Ion:248 Resp: 11329
Ion Ratio Lower Upper
248 100
250 196.2 76.1 114.1#
141 628.9 65.4 98.2#

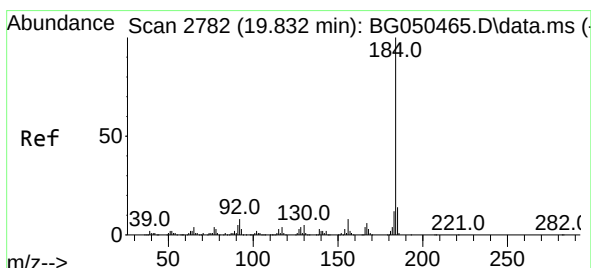
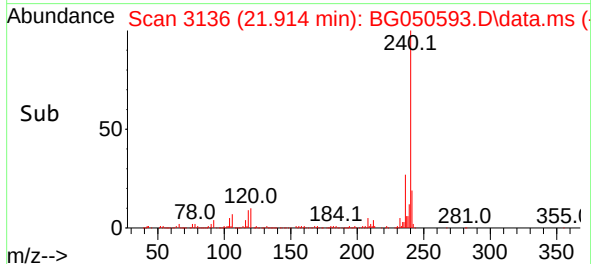
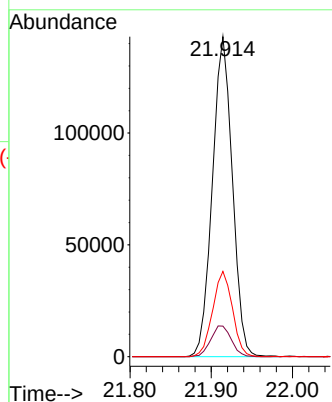
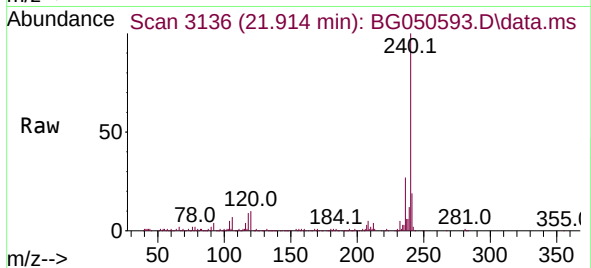




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.914 min Scan# 3136
Delta R.T. -0.010 min
Lab File: BG050593.D
Acq: 14 Oct 2021 18:34

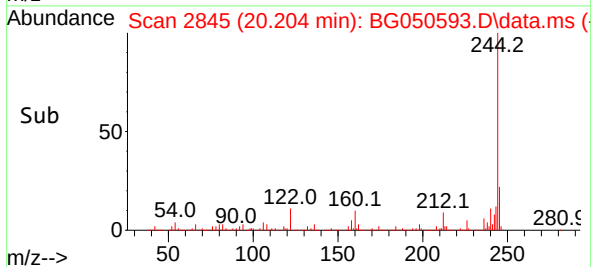
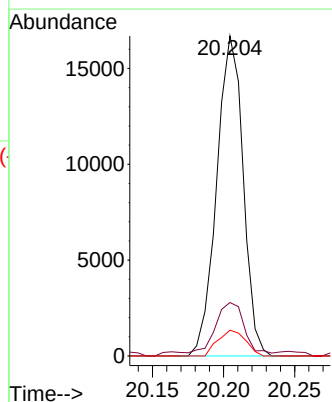
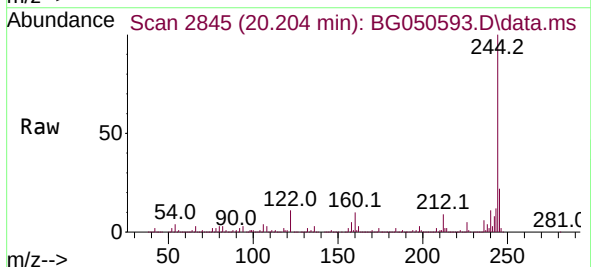
Instrument :
BNA_G
ClientSampleId :
SW-RR-01-(2.0)

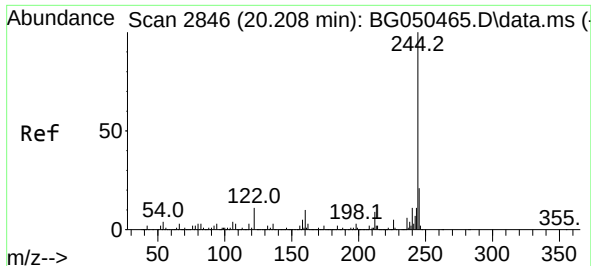
Tgt Ion:240 Resp: 244520
Ion Ratio Lower Upper
240 100
120 9.5 4.2 6.2#
236 26.6 21.8 32.6



#77
Benzidine
Concen: 2.724 ng
RT: 20.204 min Scan# 2845
Delta R.T. 0.371 min
Lab File: BG050593.D
Acq: 14 Oct 2021 18:34

Tgt Ion:184 Resp: 21587
Ion Ratio Lower Upper
184 100
185 16.7 10.7 16.1#
183 8.0 9.4 14.0#

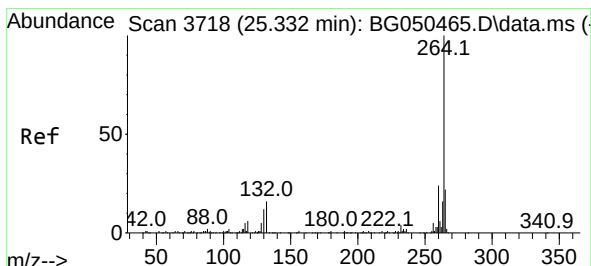
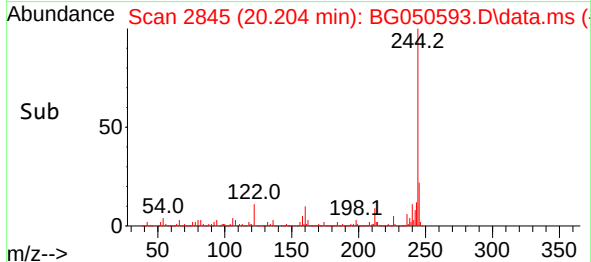
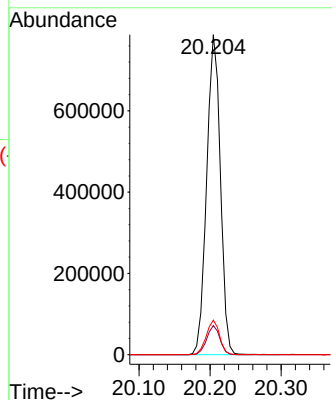
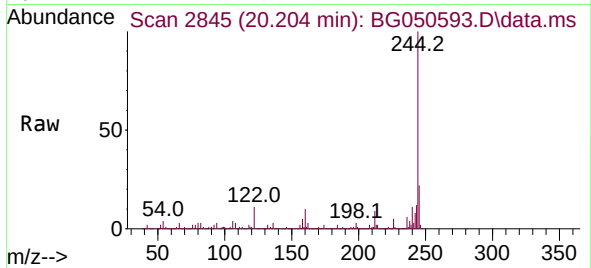




#79
 Terphenyl-d14
 Concen: 84.231 ng
 RT: 20.204 min Scan# 2845
 Delta R.T. -0.005 min
 Lab File: BG050593.D
 Acq: 14 Oct 2021 18:34

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

Tgt Ion:244 Resp: 1056854
 Ion Ratio Lower Upper
 244 100
 212 9.1 6.9 10.3
 122 10.8 5.0 7.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.328 min Scan# 3717
 Delta R.T. -0.005 min
 Lab File: BG050593.D
 Acq: 14 Oct 2021 18:34

Tgt Ion:264 Resp: 241125
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.2
 265 21.2 16.9 25.3

