

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101821\
 Data File : BG050623.D
 Acq On : 18 Oct 2021 18:52
 Operator : CG/JU
 Sample : M4251-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Oct 19 02:36:31 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)

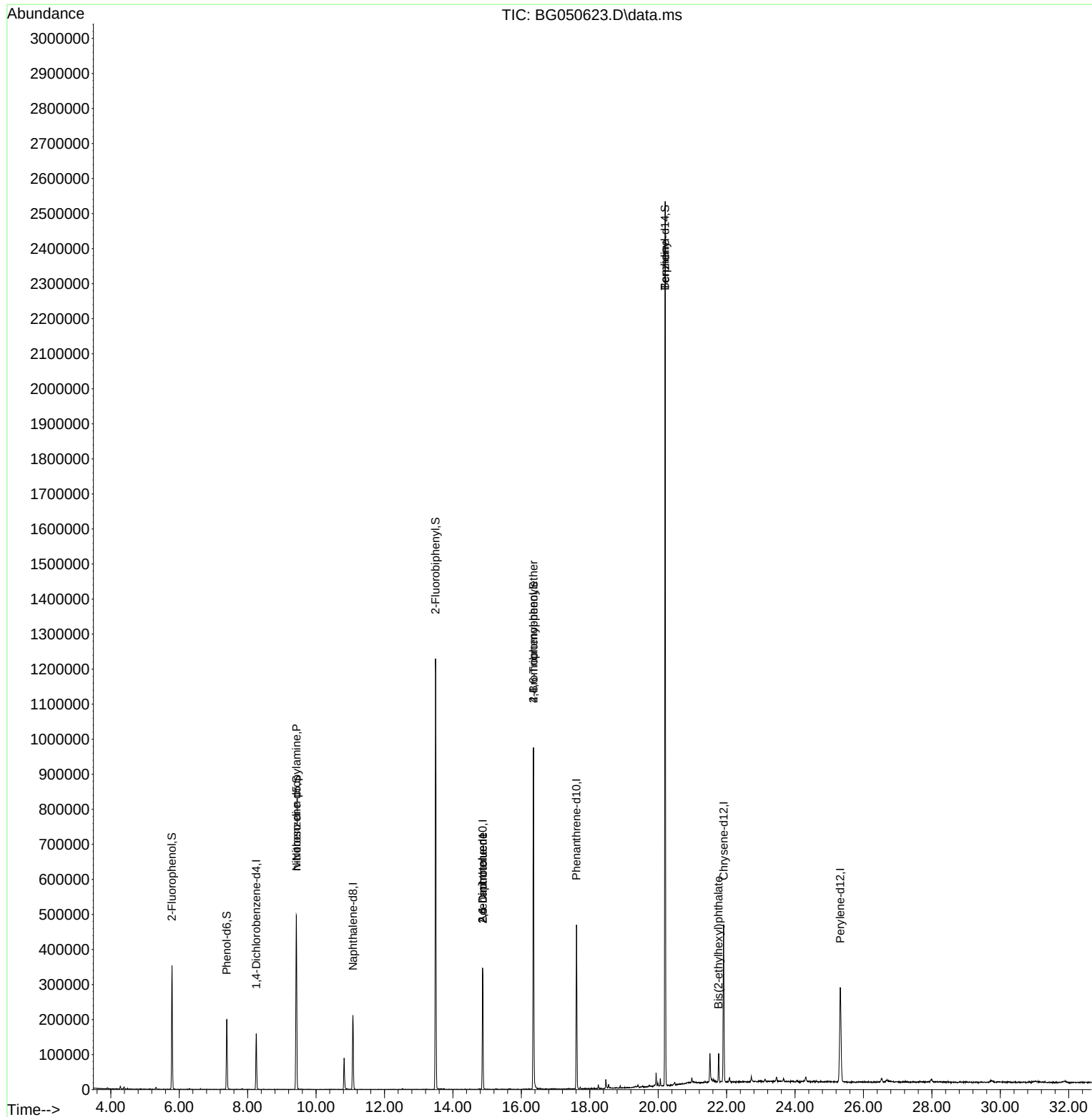
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.252	152	41059	20.000	ng	0.00
21) Naphthalene-d8	11.078	136	177526	20.000	ng	# 0.00
39) Acenaphthene-d10	14.868	164	120402	20.000	ng	0.00
64) Phenanthrene-d10	17.612	188	290027	20.000	ng	# 0.00
76) Chrysene-d12	21.913	240	271736	20.000	ng	#-0.01
86) Perylene-d12	25.321	264	267134	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.790	112	144308	52.563	ng	0.00
7) Phenol-d6	7.389	99	117029	29.442	ng	-0.01
23) Nitrobenzene-d5	9.427	82	331548	77.311	ng	0.00
42) 2,4,6-Tribromophenol	16.355	330	143405	124.871	ng	0.00
45) 2-Fluorobiphenyl	13.493	172	611340	76.418	ng	-0.01
79) Terphenyl-d14	20.203	244	1103228	79.121	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.389	77	136	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.427	70	45907	15.845	ng	# 67
51) 2,6-Dinitrotoluene	14.868	165	15890	8.717	ng	# 11
57) 2,4-Dinitrotoluene	14.868	165	15890	6.185	ng	# 16
67) 4-Bromophenyl-phenylether	16.355	248	11669	3.993	ng	# 1
77) Benzidine	20.203	184	22250	2.526	ng	# 91
84) Bis(2-ethylhexyl)phtha...	21.766	149	32987	2.847	ng	# 95

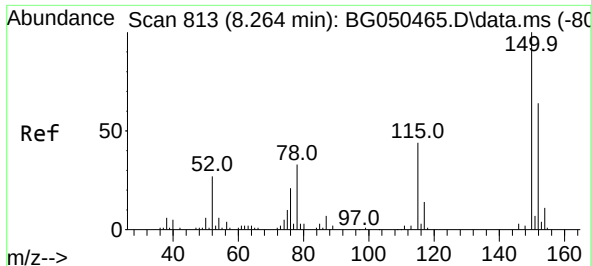
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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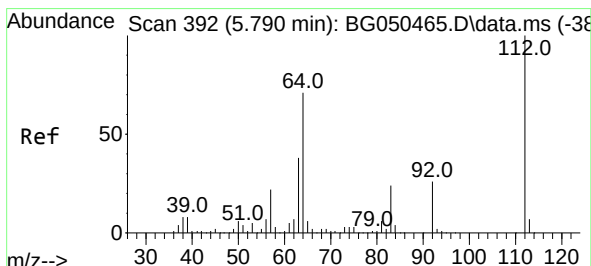
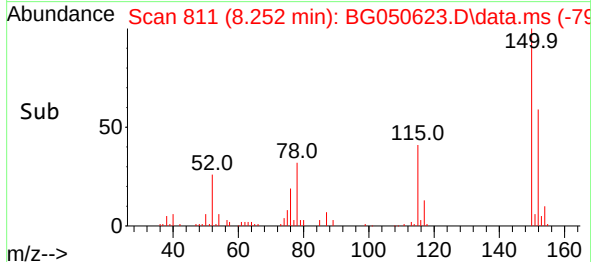
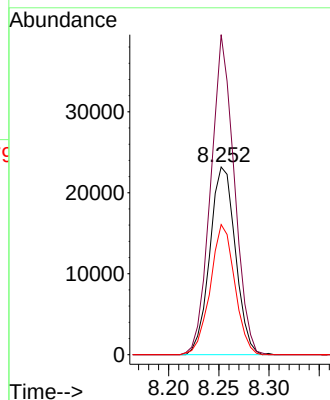
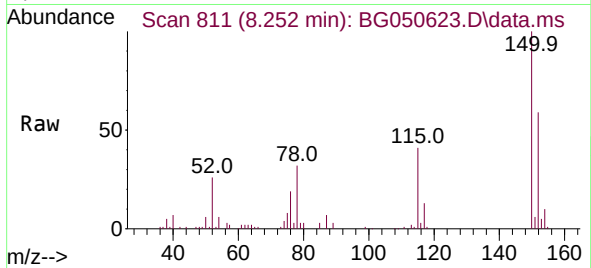




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.252 min Scan# 811
Delta R.T. -0.006 min
Lab File: BG050623.D
Acq: 18 Oct 2021 18:52

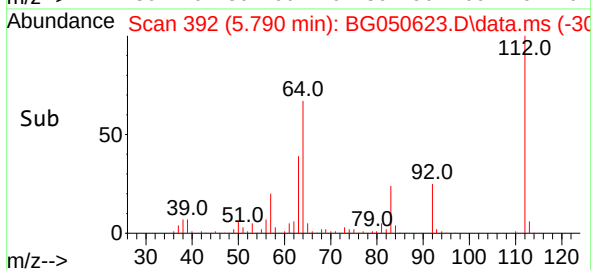
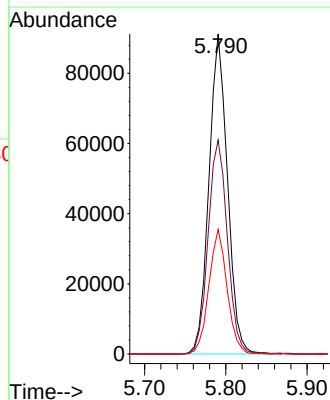
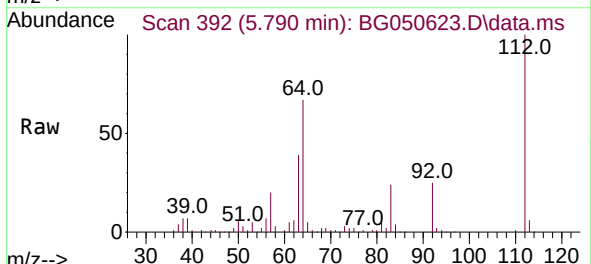
Instrument :
BNA_G
ClientSampleId :
SW-RR-01-(2.0)

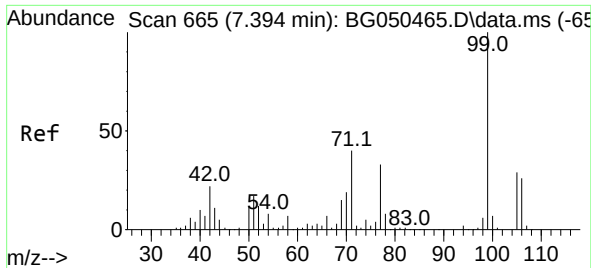
Tgt Ion:152 Resp: 41059
Ion Ratio Lower Upper
152 100
150 170.4 119.4 179.0
115 69.3 60.2 90.4



#5
2-Fluorophenol
Concen: 52.563 ng
RT: 5.790 min Scan# 392
Delta R.T. -0.000 min
Lab File: BG050623.D
Acq: 18 Oct 2021 18:52

Tgt Ion:112 Resp: 144308
Ion Ratio Lower Upper
112 100
64 66.8 46.7 70.1
63 38.9 35.3 52.9

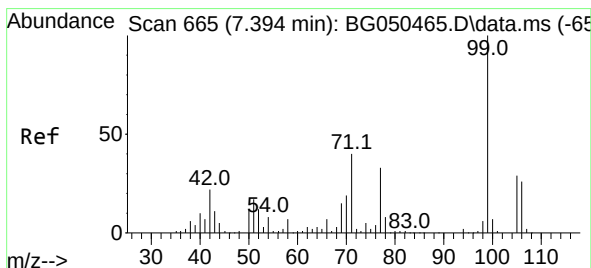
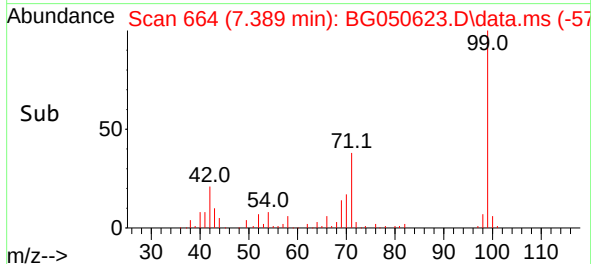
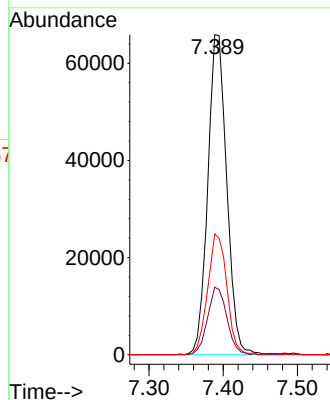
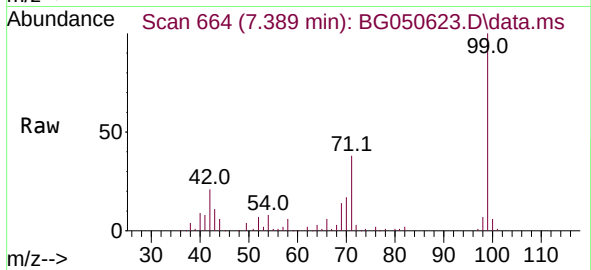




#7
Phenol-d6
Concen: 29.442 ng
RT: 7.389 min Scan# 664
Delta R.T. -0.012 min
Lab File: BG050623.D
Acq: 18 Oct 2021 18:52

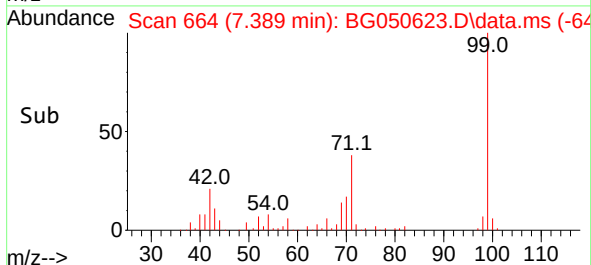
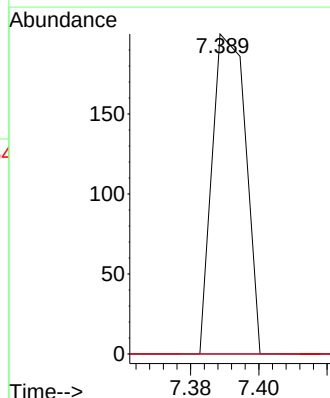
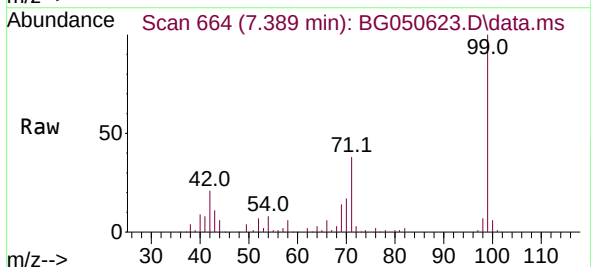
Instrument :
BNA_G
ClientSampleId :
SW-RR-01-(2.0)

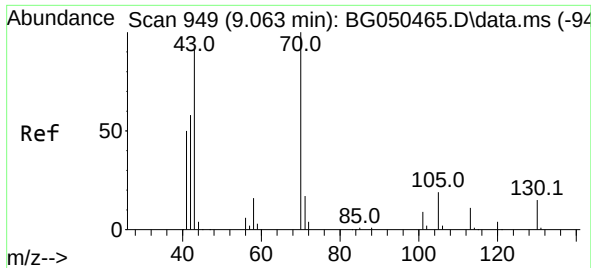
Tgt Ion: 99 Resp: 117029
Ion Ratio Lower Upper
99 100
42 21.1 20.5 30.7
71 37.7 41.5 62.3#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.389 min Scan# 664
Delta R.T. -0.000 min
Lab File: BG050623.D
Acq: 18 Oct 2021 18:52

Tgt Ion: 77 Resp: 136
Ion Ratio Lower Upper
77 100
105 0.0 68.8 108.8#
106 0.0 47.9 87.9#

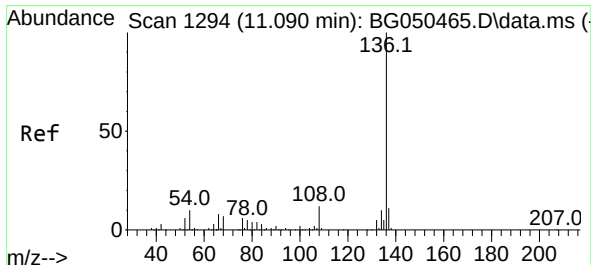
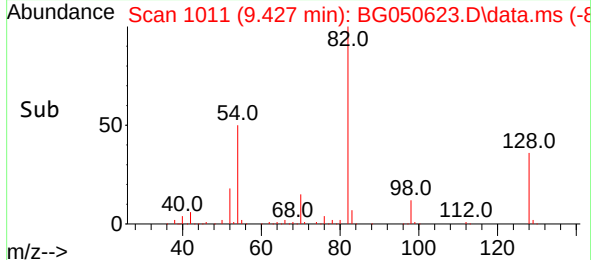
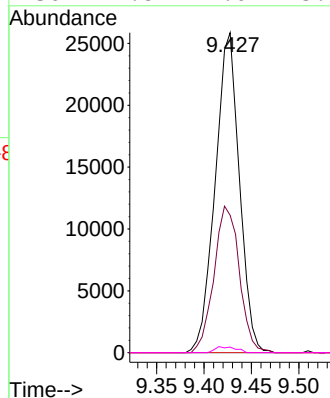
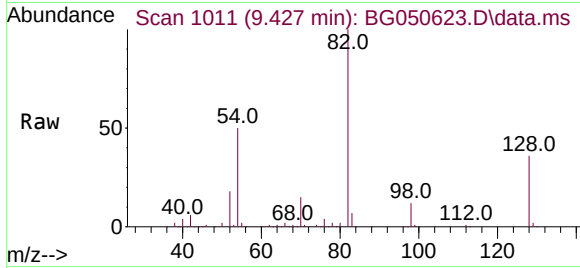




#19
n-Nitroso-di-n-propylamine
Concen: 15.845 ng
RT: 9.427 min Scan# 1011
Delta R.T. 0.370 min
Lab File: BG050623.D
Acq: 18 Oct 2021 18:52

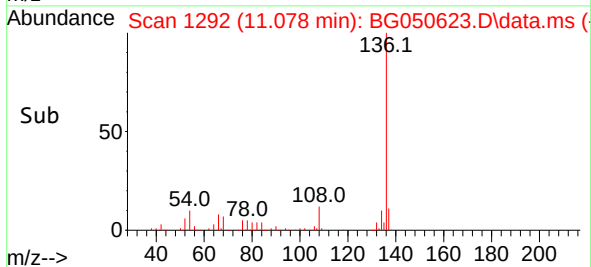
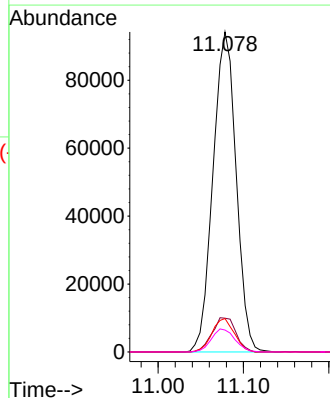
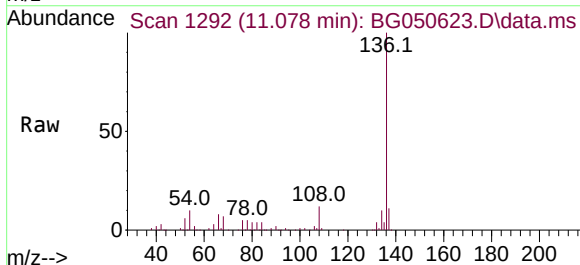
Instrument :
BNA_G
ClientSampleId :
SW-RR-01-(2.0)

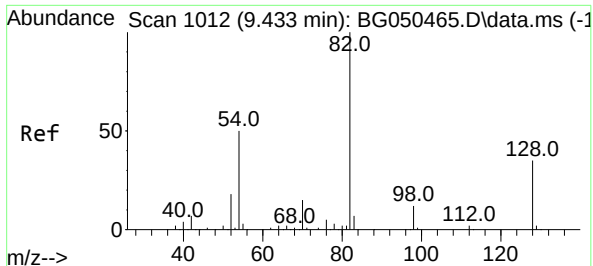
Tgt Ion:	70	Resp:	45907
Ion	Ratio	Lower	Upper
70	100		
42	43.0	54.5	81.7#
101	0.0	9.0	13.6#
130	1.8	17.0	25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.078 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BG050623.D
Acq: 18 Oct 2021 18:52

Tgt Ion:	136	Resp:	177526
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.2	12.2
54	10.5	5.5	8.3#
68	6.8	2.3	3.5#

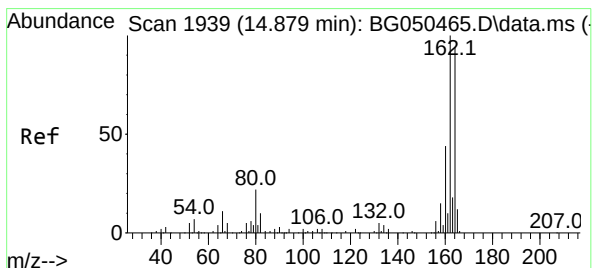
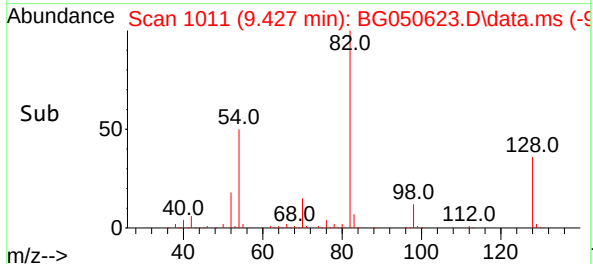
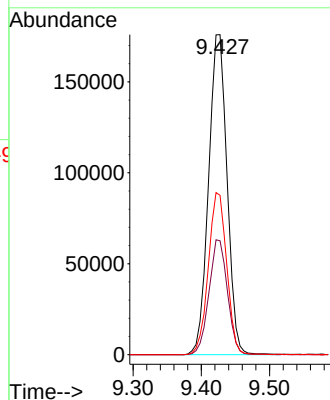
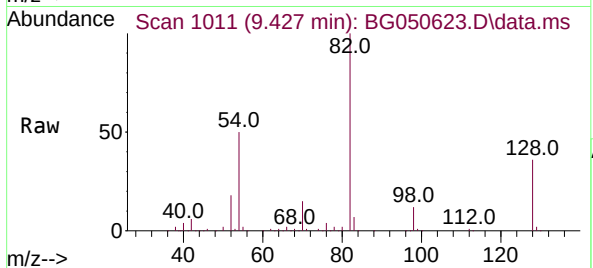




#23
Nitrobenzene-d5
Concen: 77.311 ng
RT: 9.427 min Scan# 1011
Delta R.T. -0.000 min
Lab File: BG050623.D
Acq: 18 Oct 2021 18:52

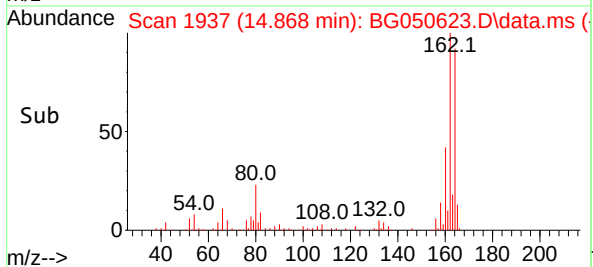
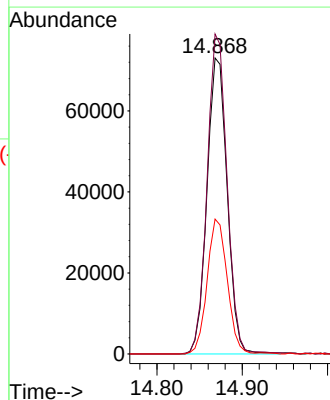
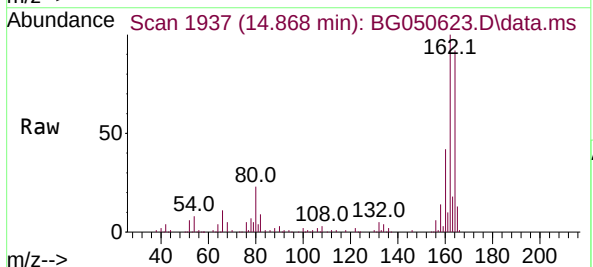
Instrument :
BNA_G
ClientSampleId :
SW-RR-01-(2.0)

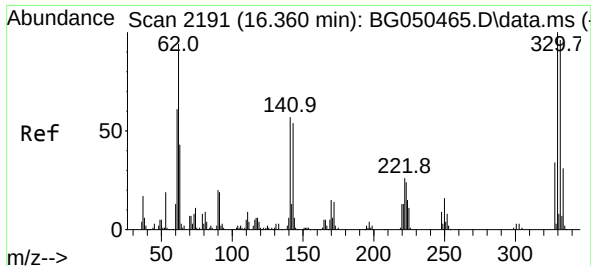
Tgt Ion: 82 Resp: 331548
Ion Ratio Lower Upper
82 100
128 35.6 29.8 44.6
54 49.8 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.868 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BG050623.D
Acq: 18 Oct 2021 18:52

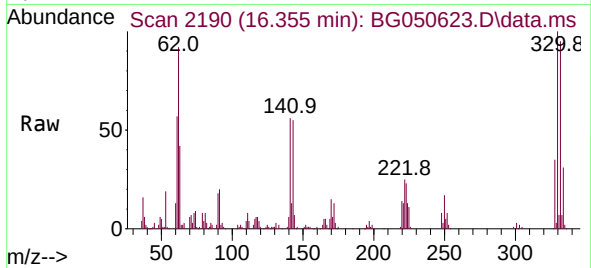
Tgt Ion:164 Resp: 120402
Ion Ratio Lower Upper
164 100
162 108.1 81.4 122.0
160 45.6 34.9 52.3



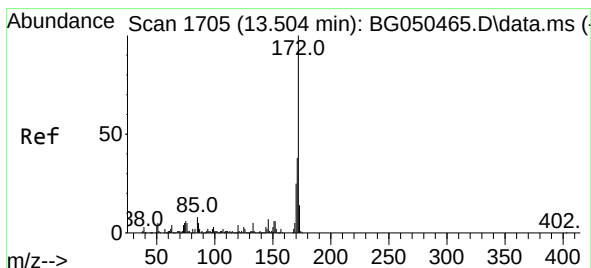
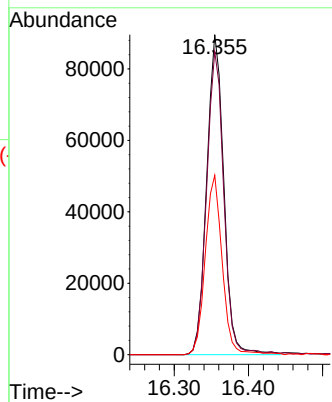
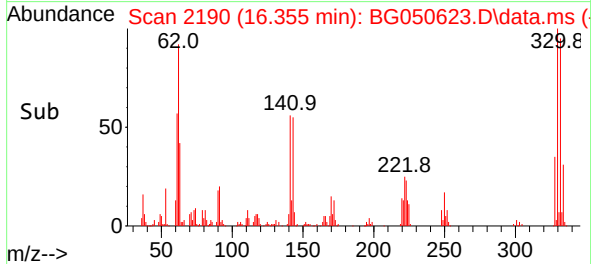


#42
2,4,6-Tribromophenol
Concen: 124.871 ng
RT: 16.355 min Scan# 2190
Delta R.T. -0.006 min
Lab File: BG050623.D
Acq: 18 Oct 2021 18:52

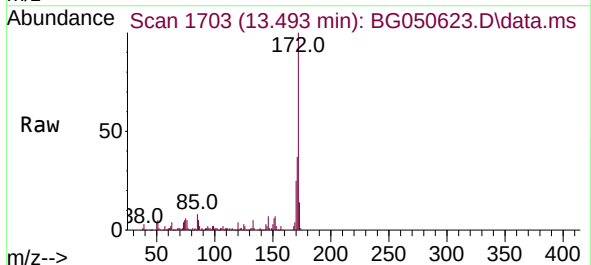
Instrument :
BNA_G
ClientSampleId :
SW-RR-01-(2.0)



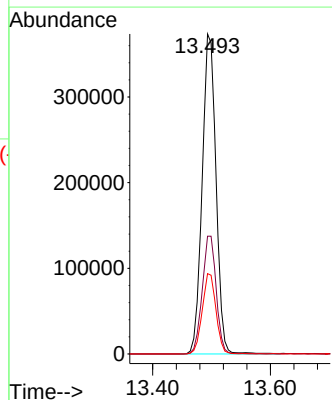
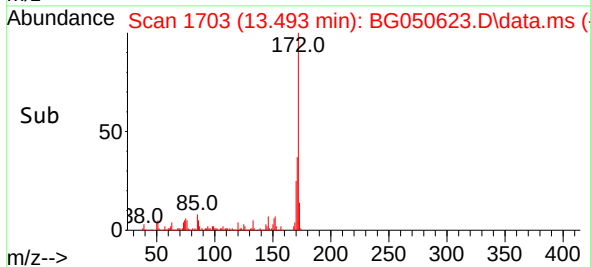
Tgt Ion:330 Resp: 143405
Ion Ratio Lower Upper
330 100
332 95.9 77.3 115.9
141 55.7 35.6 53.4#

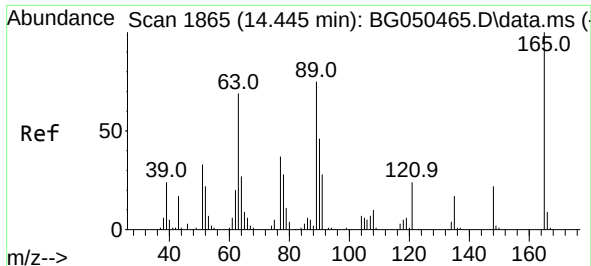


#45
2-Fluorobiphenyl
Concen: 76.418 ng
RT: 13.493 min Scan# 1703
Delta R.T. -0.012 min
Lab File: BG050623.D
Acq: 18 Oct 2021 18:52



Tgt Ion:172 Resp: 611340
Ion Ratio Lower Upper
172 100
171 36.8 28.6 43.0
170 25.1 18.6 27.8

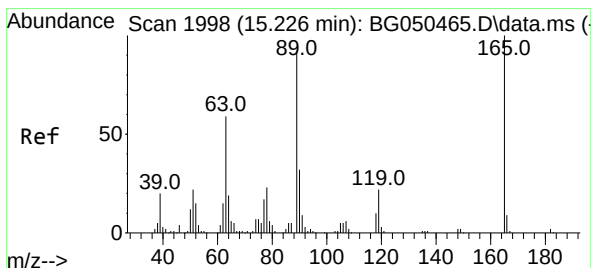
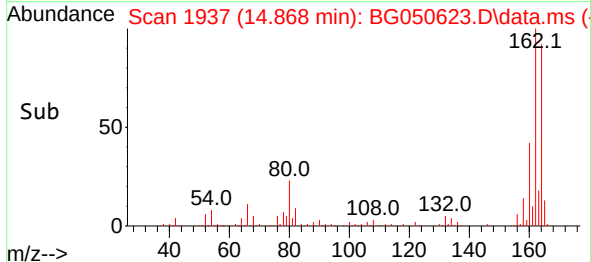
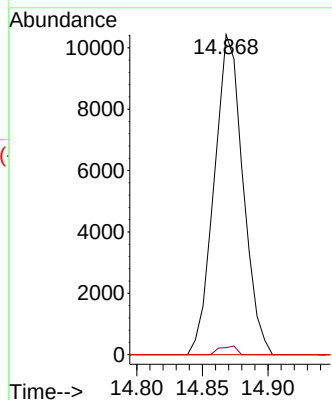
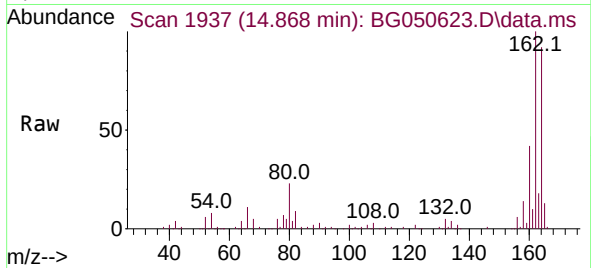




#51
2,6-Dinitrotoluene
Concen: 8.717 ng
RT: 14.868 min Scan# 1937
Delta R.T. 0.423 min
Lab File: BG050623.D
Acq: 18 Oct 2021 18:52

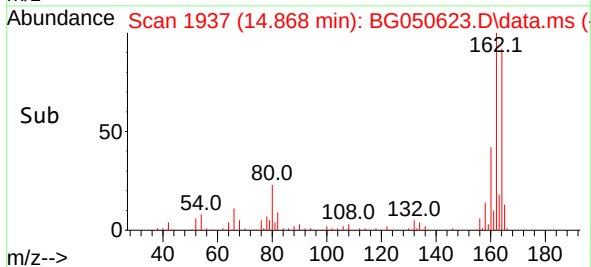
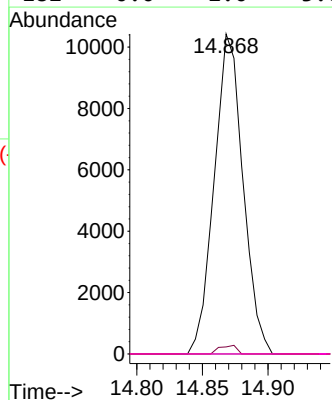
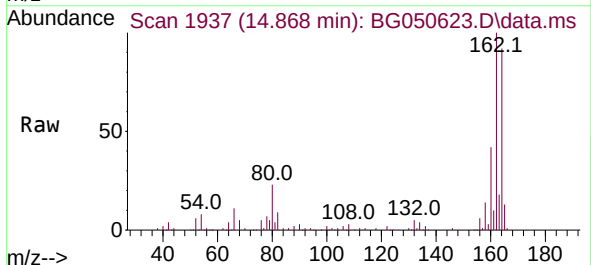
Instrument :
BNA_G
ClientSampleId :
SW-RR-01-(2.0)

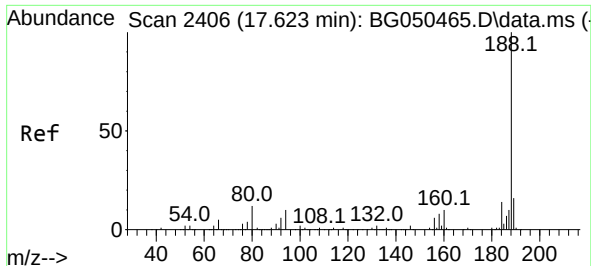
Tgt Ion:165 Resp: 15890
Ion Ratio Lower Upper
165 100
63 2.2 63.3 94.9#
89 0.0 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 6.185 ng
RT: 14.868 min Scan# 1937
Delta R.T. -0.359 min
Lab File: BG050623.D
Acq: 18 Oct 2021 18:52

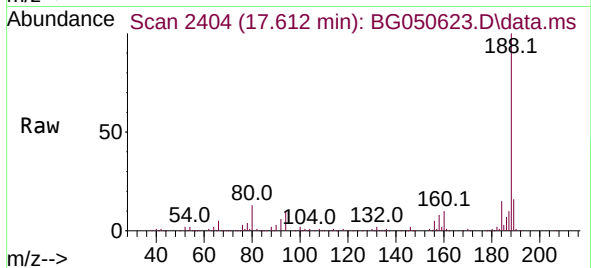
Tgt Ion:165 Resp: 15890
Ion Ratio Lower Upper
165 100
63 2.2 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#



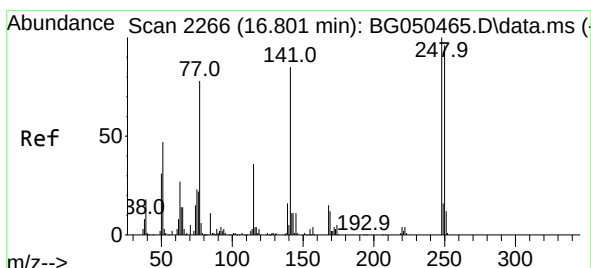
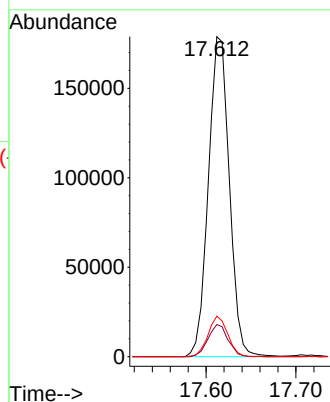
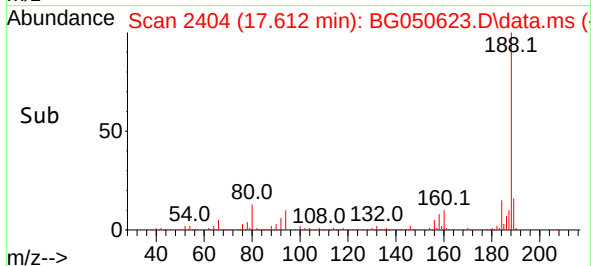


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.612 min Scan# 2404
Delta R.T. -0.006 min
Lab File: BG050623.D
Acq: 18 Oct 2021 18:52

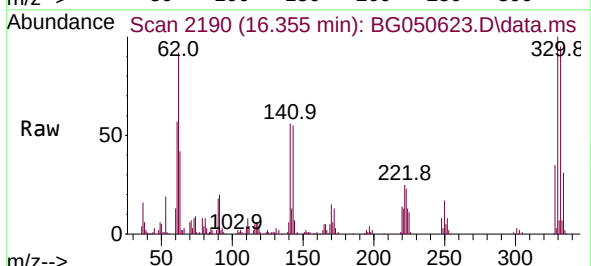
Instrument :
BNA_G
ClientSampleId :
SW-RR-01-(2.0)



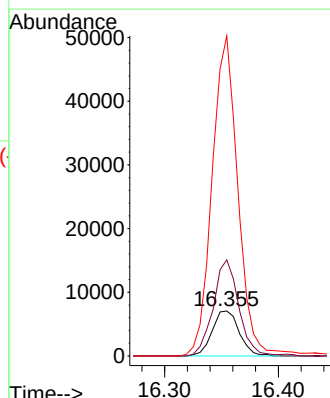
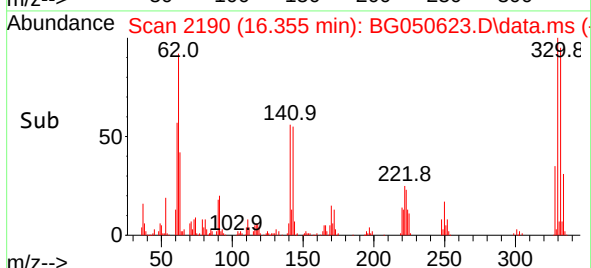
Tgt Ion:188 Resp: 290027
Ion Ratio Lower Upper
188 100
94 10.0 5.4 8.0#
80 12.6 3.7 5.5#

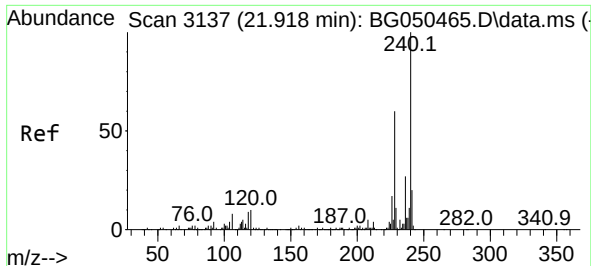


#67
4-Bromophenyl-phenylether
Concen: 3.993 ng
RT: 16.355 min Scan# 2190
Delta R.T. -0.447 min
Lab File: BG050623.D
Acq: 18 Oct 2021 18:52



Tgt Ion:248 Resp: 11669
Ion Ratio Lower Upper
248 100
250 214.4 76.1 114.1#
141 712.8 65.4 98.2#

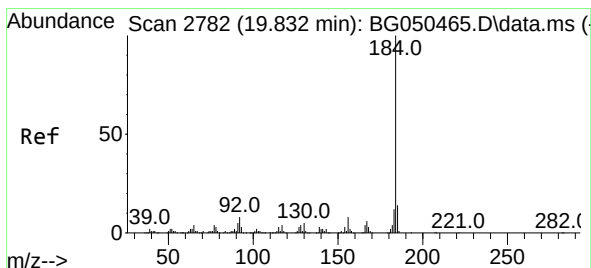
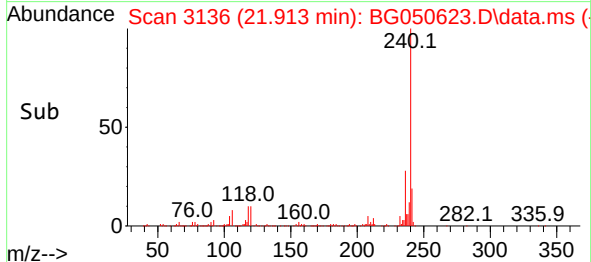
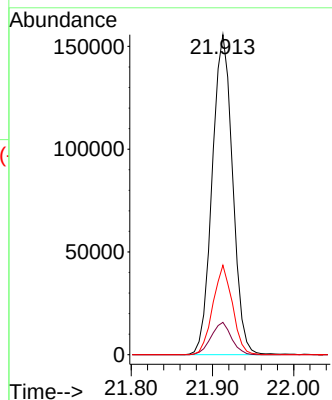
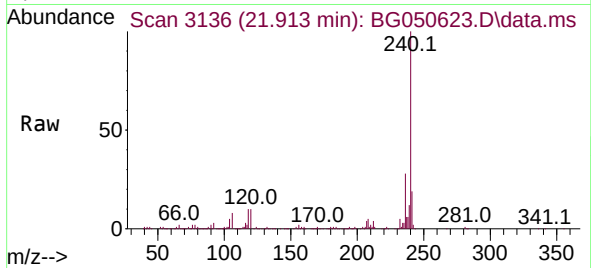




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.913 min Scan# 3136
Delta R.T. -0.012 min
Lab File: BG050623.D
Acq: 18 Oct 2021 18:52

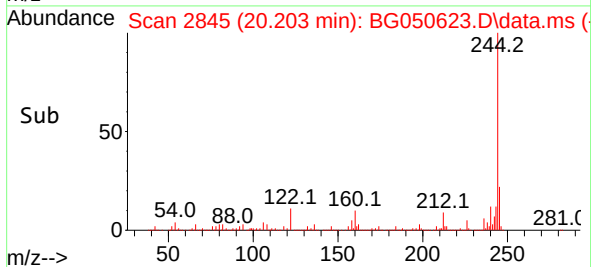
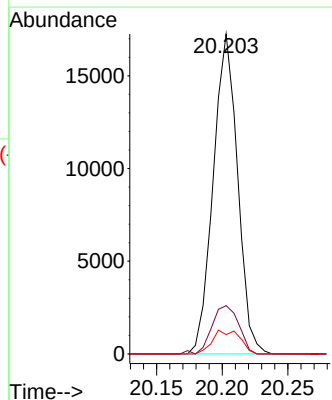
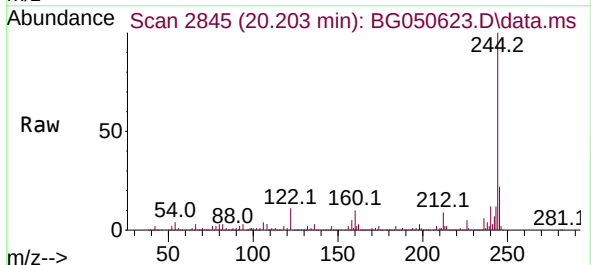
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BNA_G
ClientSampleId :
SW-RR-01-(2.0)

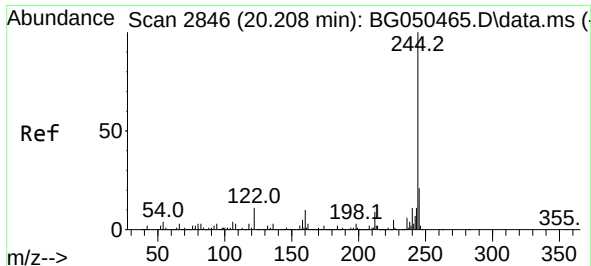
Tgt Ion:240 Resp: 271736
Ion Ratio Lower Upper
240 100
120 10.1 4.2 6.2#
236 28.0 21.8 32.6



#77
Benzidine
Concen: 2.526 ng
RT: 20.203 min Scan# 2845
Delta R.T. 0.370 min
Lab File: BG050623.D
Acq: 18 Oct 2021 18:52

Tgt Ion:184 Resp: 22250
Ion Ratio Lower Upper
184 100
185 15.1 10.7 16.1
183 6.0 9.4 14.0#

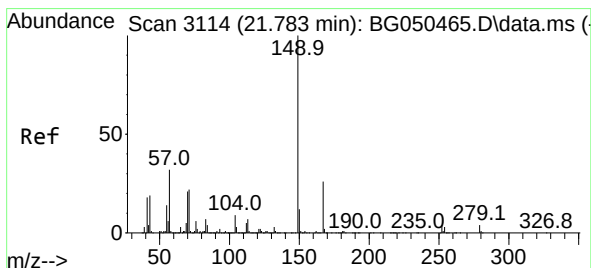
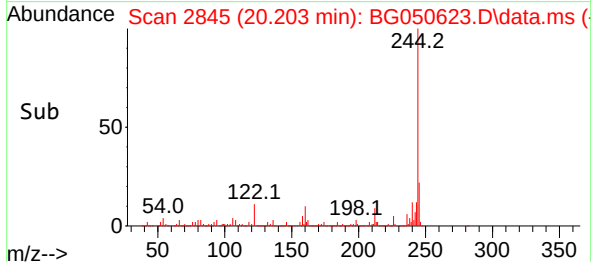
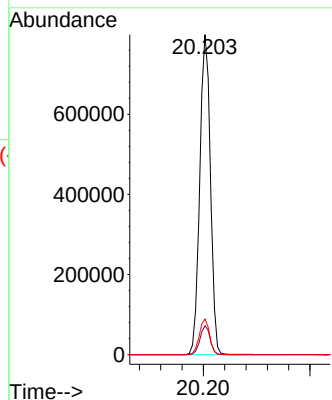
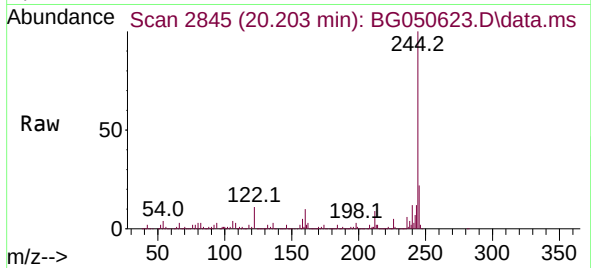




#79
 Terphenyl-d14
 Concen: 79.121 ng
 RT: 20.203 min Scan# 2845
 Delta R.T. -0.006 min
 Lab File: BG050623.D
 Acq: 18 Oct 2021 18:52

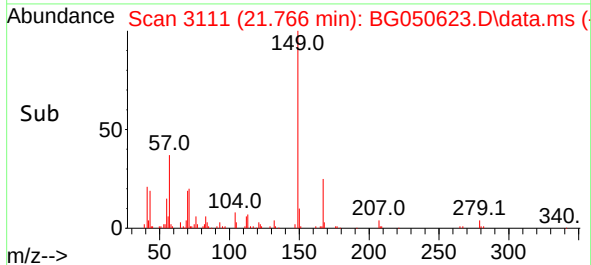
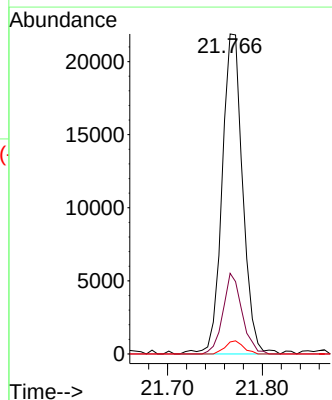
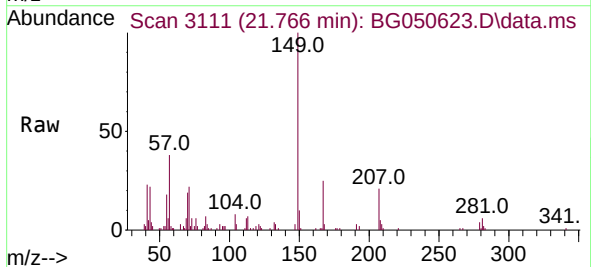
Instrument :
 BNA_G
 ClientSampleId :
 SW-RR-01-(2.0)

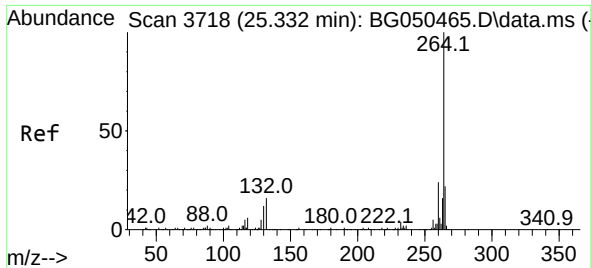
Tgt Ion:244 Resp: 1103228
 Ion Ratio Lower Upper
 244 100
 212 9.1 6.9 10.3
 122 11.1 5.0 7.6#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.847 ng
 RT: 21.766 min Scan# 3111
 Delta R.T. -0.012 min
 Lab File: BG050623.D
 Acq: 18 Oct 2021 18:52

Tgt Ion:149 Resp: 32987
 Ion Ratio Lower Upper
 149 100
 167 25.2 22.3 33.5
 279 3.7 3.8 5.8#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.321 min Scan# 3716
 Delta R.T. -0.012 min
 Lab File: BG050623.D
 Acq: 18 Oct 2021 18:52

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

Tgt Ion:264 Resp: 267134
 Ion Ratio Lower Upper
 264 100
 260 25.3 19.4 29.2
 265 21.6 16.9 25.3

