

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040422\
 Data File : BG053021.D
 Acq On : 4 Apr 2022 23:35
 Operator : CG/JU
 Sample : N2207-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20220343-098-21-01

Quant Time: Apr 05 01:08:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 16:48:57 2022
 Response via : Initial Calibration

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

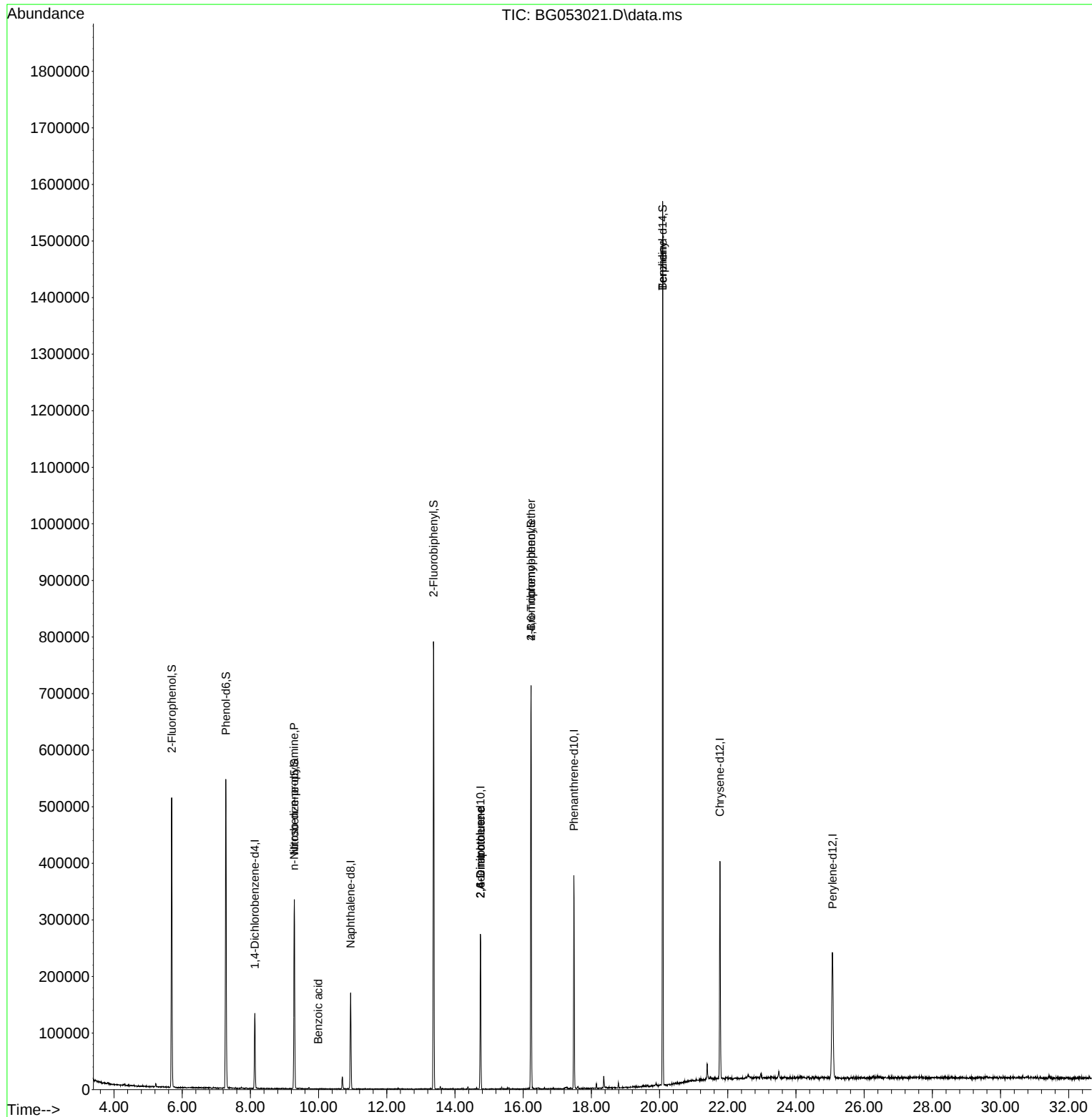
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.129	152	36070	20.000	ng	-0.02
21) Naphthalene-d8	10.937	136	137115	20.000	ng	-0.02
39) Acenaphthene-d10	14.744	164	97053	20.000	ng	-0.02
64) Phenanthrene-d10	17.487	188	229986	20.000	ng	-0.02
76) Chrysene-d12	21.770	240	246611	20.000	ng	-0.03
86) Perylene-d12	25.071	264	257859	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.691	112	204456	98.714	ng	0.00
7) Phenol-d6	7.278	99	295002	94.475	ng	-0.01
23) Nitrobenzene-d5	9.287	82	207363	75.904	ng	-0.02
42) 2,4,6-Tribromophenol	16.230	330	137098	105.126	ng	-0.02
45) 2-Fluorobiphenyl	13.369	172	423495	64.356	ng	-0.02
79) Terphenyl-d14	20.090	244	786728	56.748	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	7.278	77	816	Below Cal	#	5
19) n-Nitroso-di-n-propyla...	9.281	70	29910	13.525	ng	# 72
32) Benzoic acid	9.992	122	53	5.706	ng	# 1
51) 2,6-Dinitrotoluene	14.750	165	12633	10.373	ng	# 25
57) 2,4-Dinitrotoluene	14.750	165	12633	7.476	ng	# 24
67) 4-Bromophenyl-phenylether	16.230	248	8848	3.191	ng	# 1
77) Benzydine	20.090	184	13641	2.145	ng	# 86

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040422\
Data File : BG053021.D
Acq On : 4 Apr 2022 23:35
Operator : CG/JU
Sample : N2207-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20220343-098-21-01

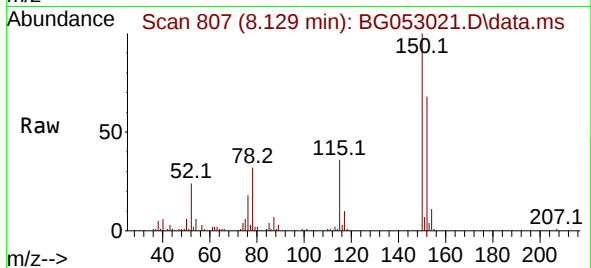
Quant Time: Apr 05 01:08:27 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 24 16:48:57 2022
Response via : Initial Calibration



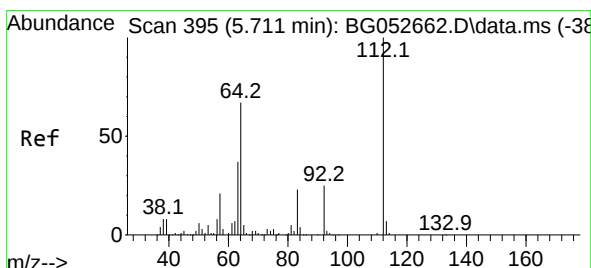
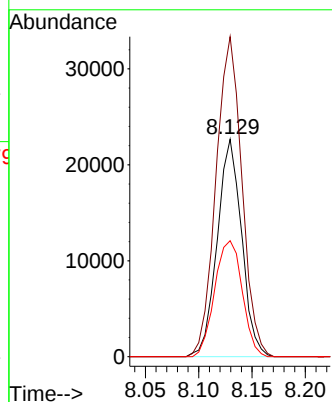
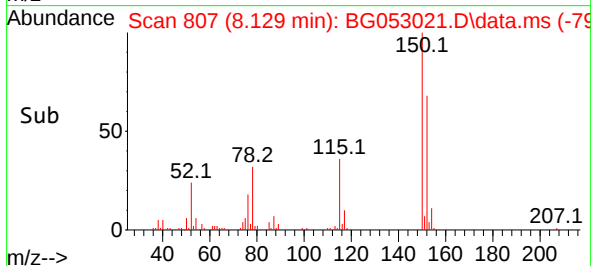


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.129 min Scan# 80
Delta R.T. -0.017 min
Lab File: BG053021.D
Acq: 4 Apr 2022 23:35

Instrument :
BNA_G
ClientSampleId :
20220343-098-21-01

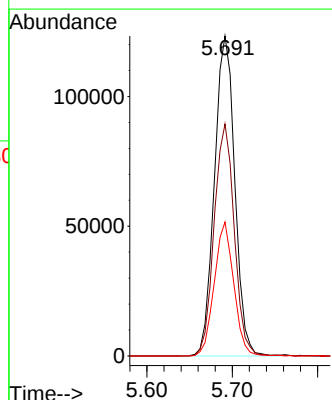
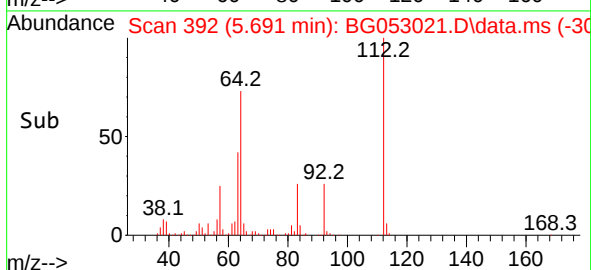
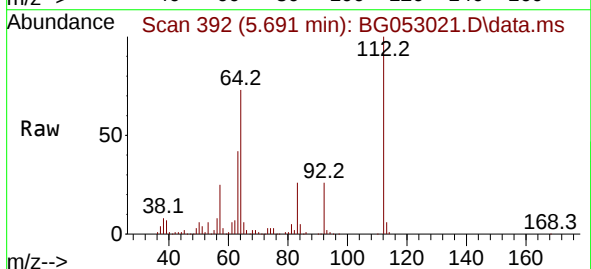


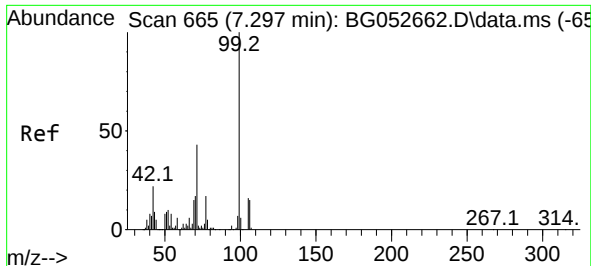
Tgt Ion:152 Resp: 36070
Ion Ratio Lower Upper
152 100
150 147.1 114.6 172.0
115 53.3 45.9 68.9



#5
2-Fluorophenol
Concen: 98.714 ng
RT: 5.691 min Scan# 392
Delta R.T. -0.005 min
Lab File: BG053021.D
Acq: 4 Apr 2022 23:35

Tgt Ion:112 Resp: 204456
Ion Ratio Lower Upper
112 100
64 72.5 48.0 72.0#
63 41.8 26.5 39.7#

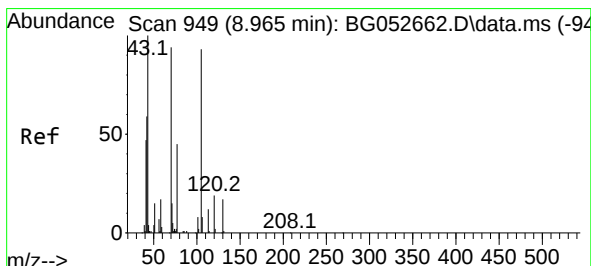
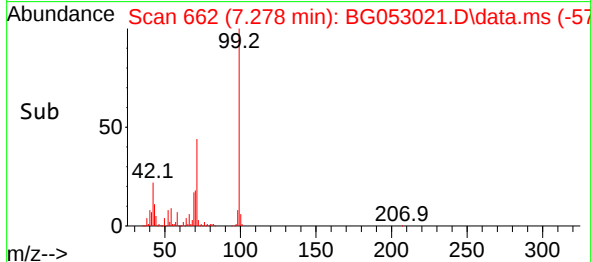
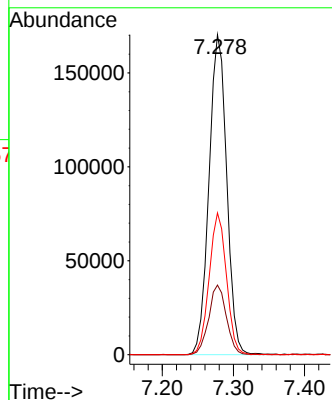
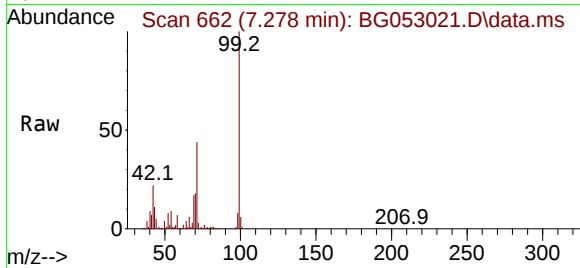




#7
Phenol-d6
Concen: 94.475 ng
RT: 7.278 min Scan# 60
Delta R.T. -0.011 min
Lab File: BG053021.D
Acq: 4 Apr 2022 23:35

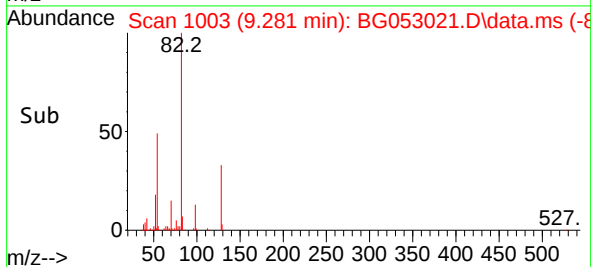
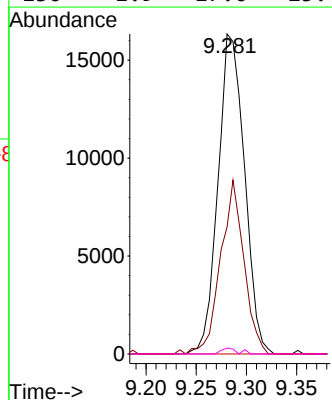
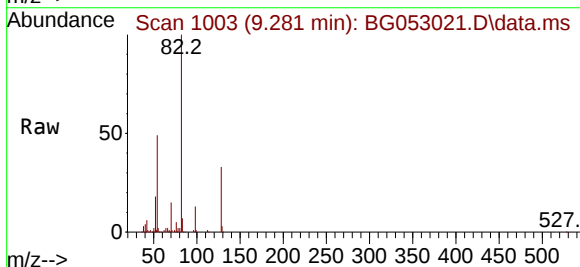
Instrument :
BNA_G
ClientSampleId :
20220343-098-21-01

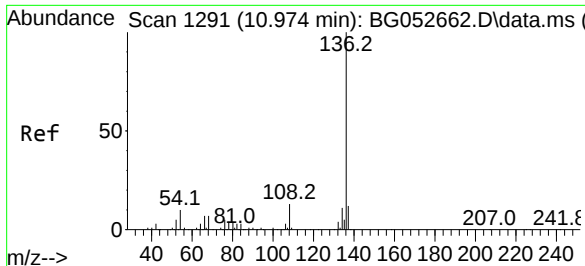
Tgt Ion: 99 Resp: 295002
Ion Ratio Lower Upper
99 100
42 21.8 14.7 22.1
71 44.3 29.2 43.8#



#19
n-Nitroso-di-n-propylamine
Concen: 13.525 ng
RT: 9.281 min Scan# 1003
Delta R.T. 0.336 min
Lab File: BG053021.D
Acq: 4 Apr 2022 23:35

Tgt Ion: 70 Resp: 29910
Ion Ratio Lower Upper
70 100
42 39.7 46.0 69.0#
101 0.0 6.2 9.4#
130 1.9 17.0 25.4#

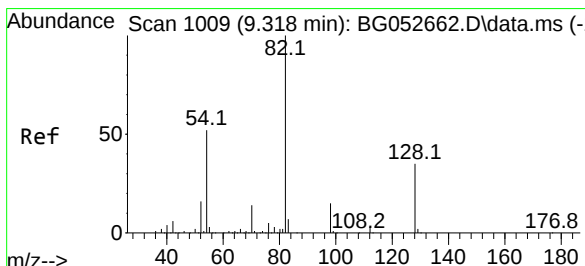
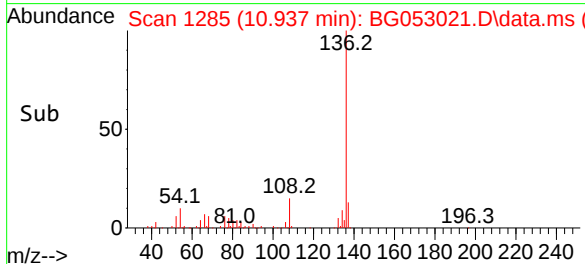
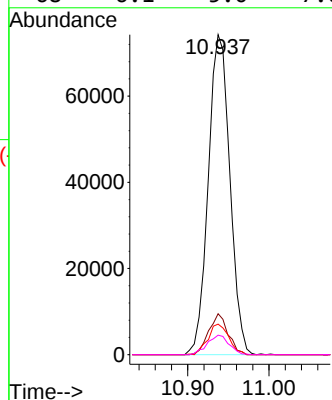
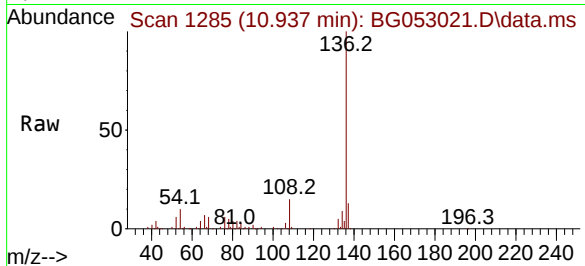




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.937 min Scan# 11
Delta R.T. -0.023 min
Lab File: BG053021.D
Acq: 4 Apr 2022 23:35

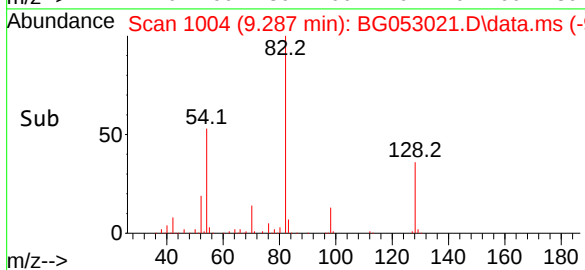
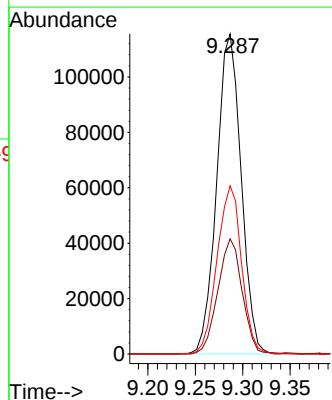
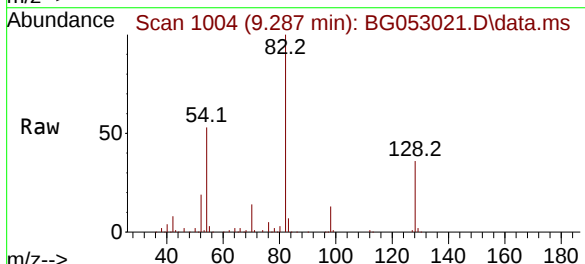
Instrument :
BNA_G
ClientSampleId :
20220343-098-21-01

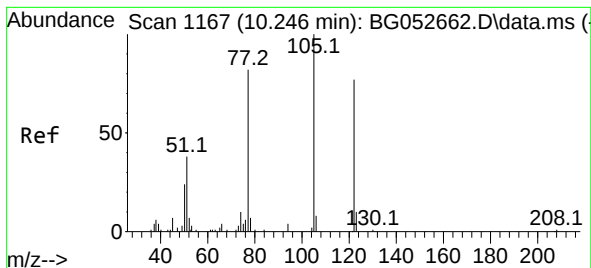
Tgt Ion:136 Resp: 137115
Ion Ratio Lower Upper
136 100
137 12.8 9.4 14.2
54 9.5 6.4 9.6
68 6.1 5.0 7.6



#23
Nitrobenzene-d5
Concen: 75.904 ng
RT: 9.287 min Scan# 1004
Delta R.T. -0.017 min
Lab File: BG053021.D
Acq: 4 Apr 2022 23:35

Tgt Ion: 82 Resp: 207363
Ion Ratio Lower Upper
82 100
128 36.0 31.3 46.9
54 52.5 37.8 56.8





#32

Benzoic acid

Concen: 5.706 ng

RT: 9.992 min Scan# 1124

Delta R.T. -0.246 min

Lab File: BG053021.D

Acq: 4 Apr 2022 23:35

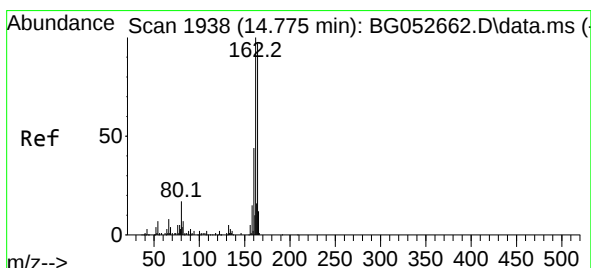
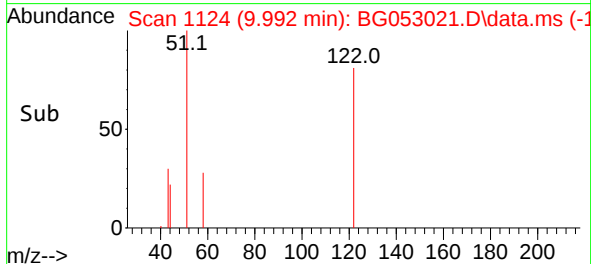
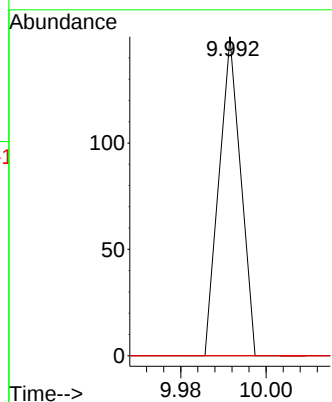
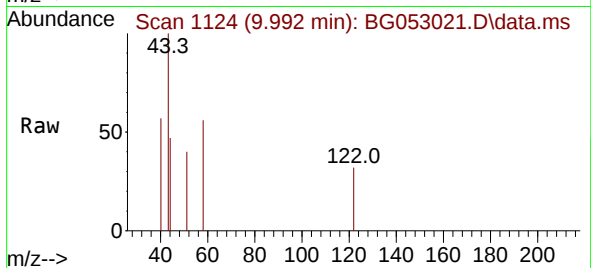
Instrument :

BNA_G

ClientSampleId :

20220343-098-21-01

Tgt Ion:	122	Resp:	53
Ion	Ratio	Lower	Upper
122	100		
105	0.0	112.8	152.8#
77	0.0	78.4	118.4#



#39

Acenaphthene-d10

Concen: 20.000 ng

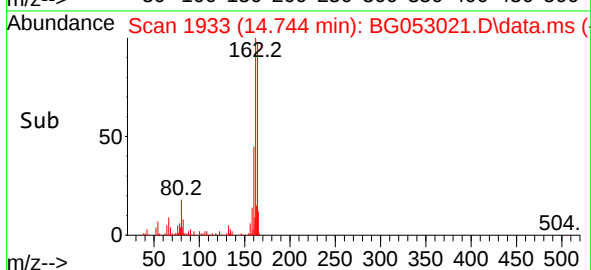
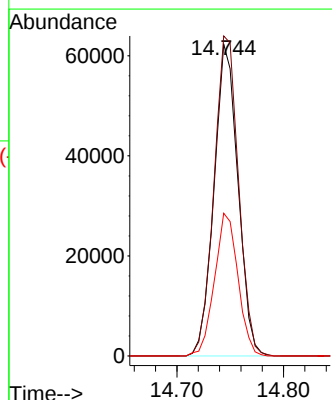
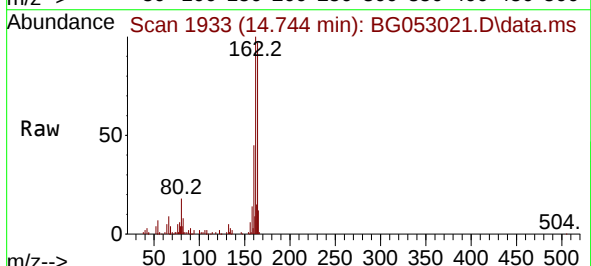
RT: 14.744 min Scan# 1933

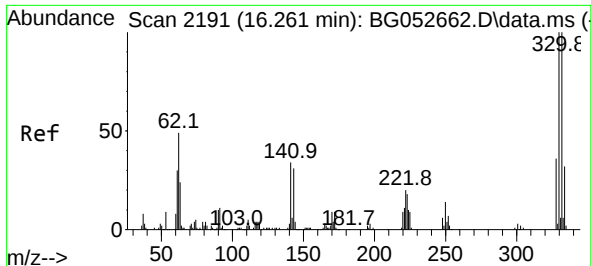
Delta R.T. -0.023 min

Lab File: BG053021.D

Acq: 4 Apr 2022 23:35

Tgt Ion:	164	Resp:	97053
Ion	Ratio	Lower	Upper
164	100		
162	102.7	80.0	120.0
160	45.8	38.8	58.2

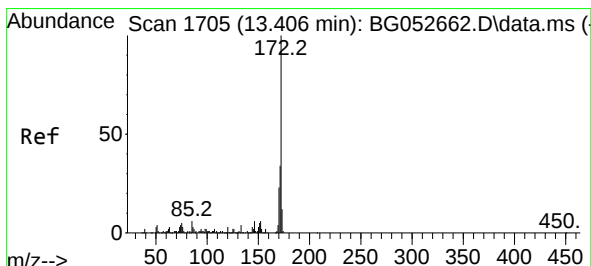
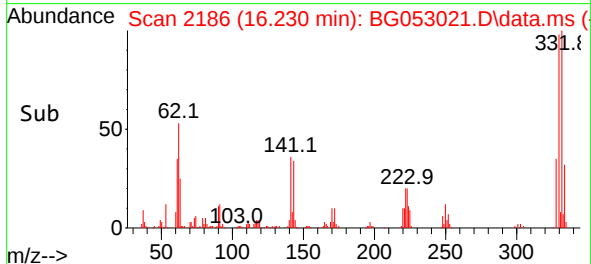
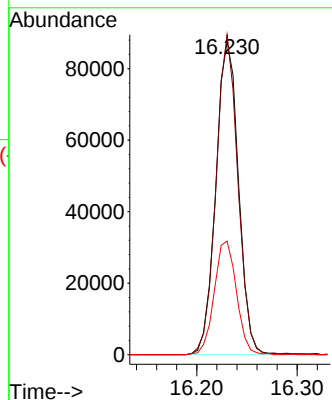
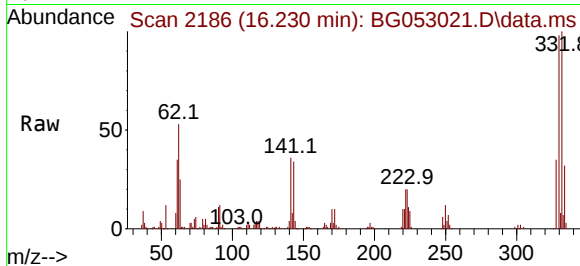




#42
2,4,6-Tribromophenol
Concen: 105.126 ng
RT: 16.230 min Scan# 2191
Delta R.T. -0.017 min
Lab File: BG053021.D
Acq: 4 Apr 2022 23:35

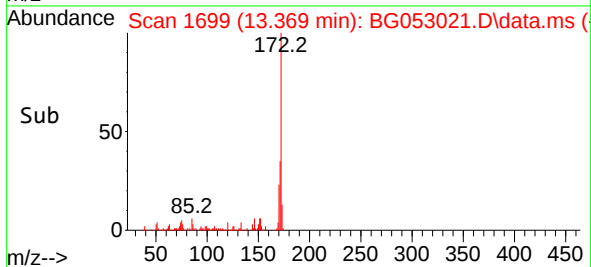
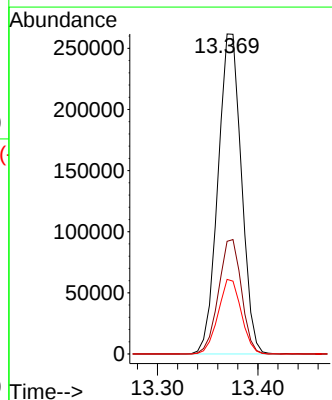
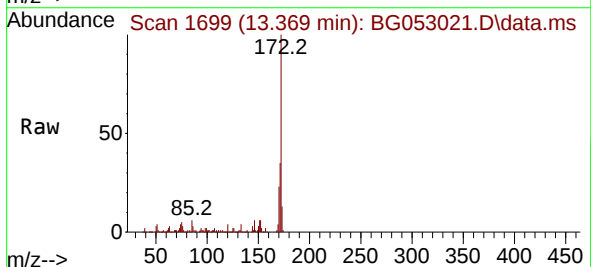
Instrument :
BNA_G
ClientSampleId :
20220343-098-21-01

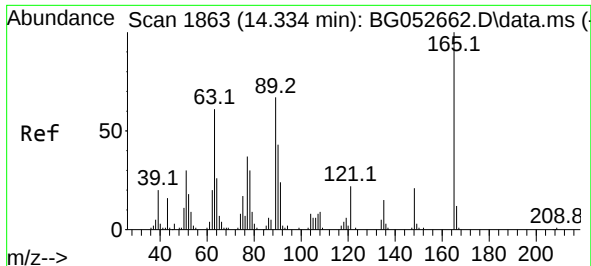
Tgt Ion:330 Resp: 137098
Ion Ratio Lower Upper
330 100
332 98.5 75.8 113.6
141 35.7 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 64.356 ng
RT: 13.369 min Scan# 1699
Delta R.T. -0.023 min
Lab File: BG053021.D
Acq: 4 Apr 2022 23:35

Tgt Ion:172 Resp: 423495
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 23.3 18.0 27.0

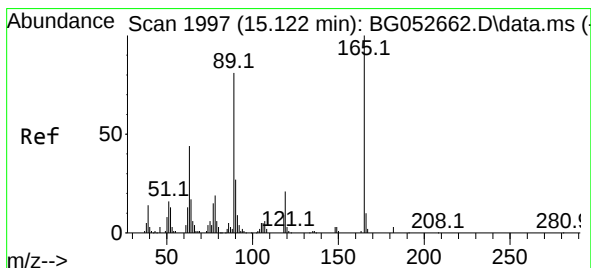
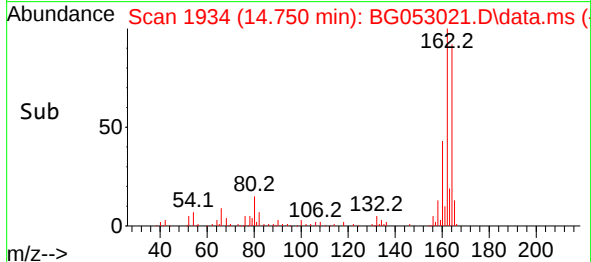
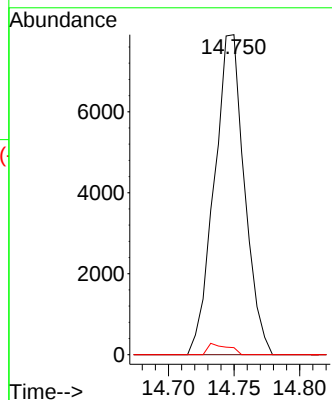
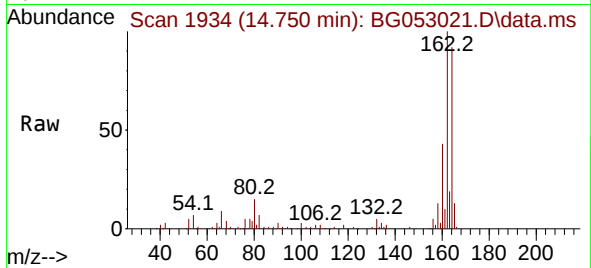




#51
2,6-Dinitrotoluene
Concen: 10.373 ng
RT: 14.750 min Scan# 1934
Delta R.T. 0.424 min
Lab File: BG053021.D
Acq: 4 Apr 2022 23:35

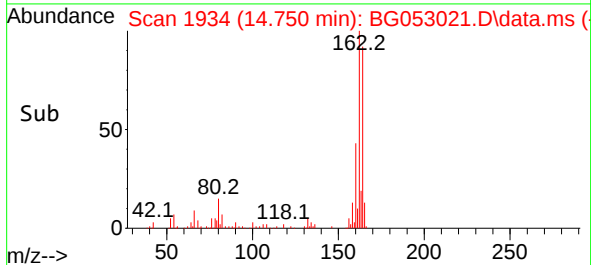
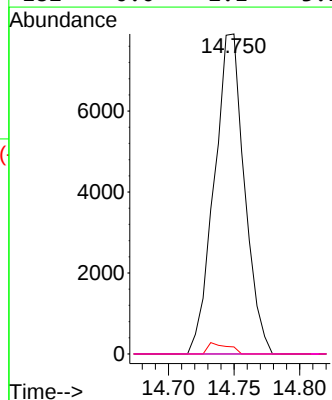
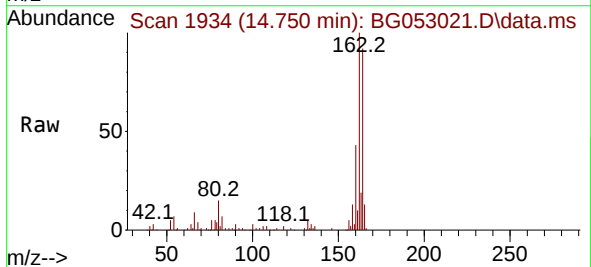
Instrument :
BNA_G
ClientSampleId :
20220343-098-21-01

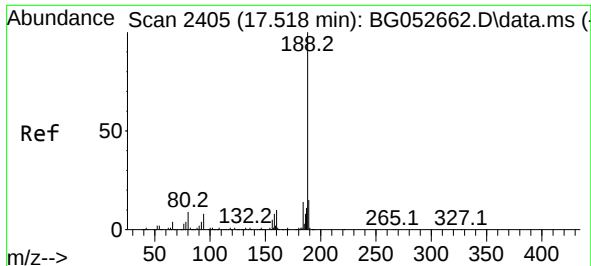
Tgt Ion:165 Resp: 12633
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 2.2 45.0 67.4#



#57
2,4-Dinitrotoluene
Concen: 7.476 ng
RT: 14.750 min Scan# 1934
Delta R.T. -0.363 min
Lab File: BG053021.D
Acq: 4 Apr 2022 23:35

Tgt Ion:165 Resp: 12633
Ion Ratio Lower Upper
165 100
63 0.0 34.8 52.2#
89 2.2 57.4 86.0#
182 0.0 2.1 3.1#

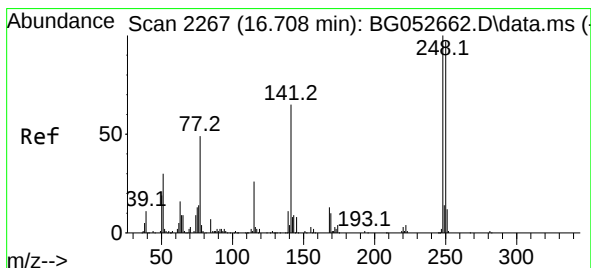
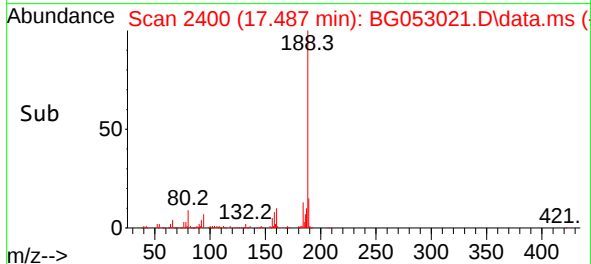
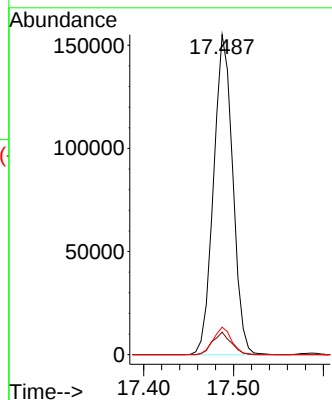
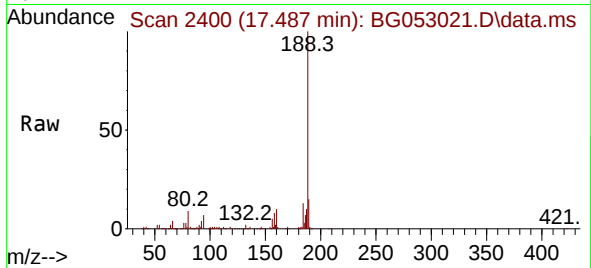




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.487 min Scan# 24
Delta R.T. -0.017 min
Lab File: BG053021.D
Acq: 4 Apr 2022 23:35

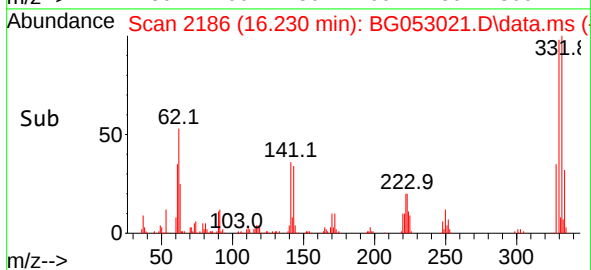
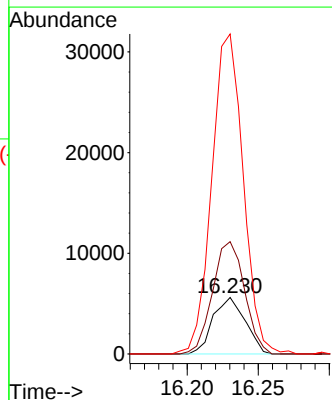
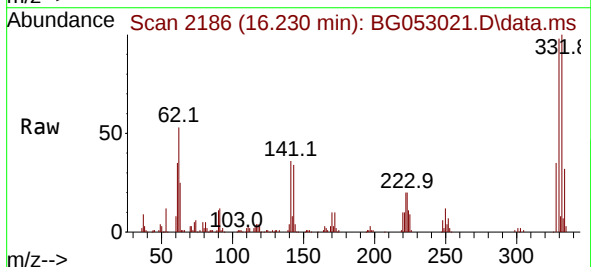
Instrument :
BNA_G
ClientSampleId :
20220343-098-21-01

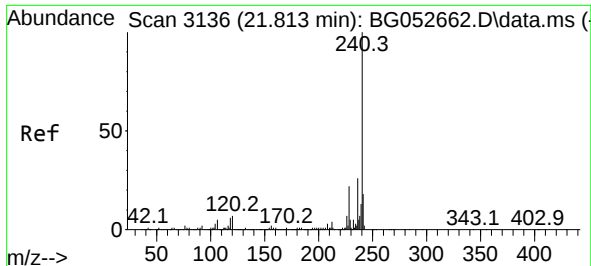
Tgt Ion:188 Resp: 229986
Ion Ratio Lower Upper
188 100
94 7.1 5.7 8.5
80 8.6 7.2 10.8



#67
4-Bromophenyl-phenylether
Concen: 3.191 ng
RT: 16.230 min Scan# 2186
Delta R.T. -0.463 min
Lab File: BG053021.D
Acq: 4 Apr 2022 23:35

Tgt Ion:248 Resp: 8848
Ion Ratio Lower Upper
248 100
250 199.0 77.9 116.9#
141 566.6 49.2 73.8#

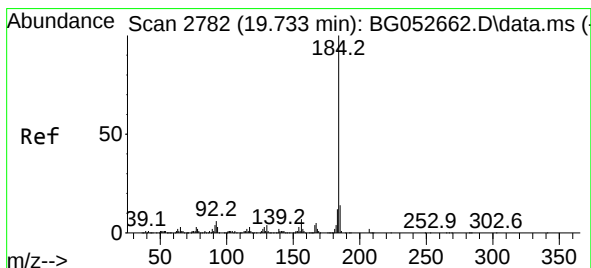
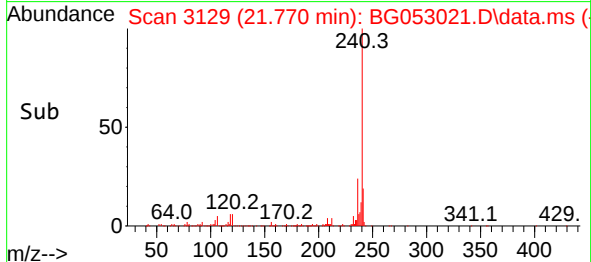
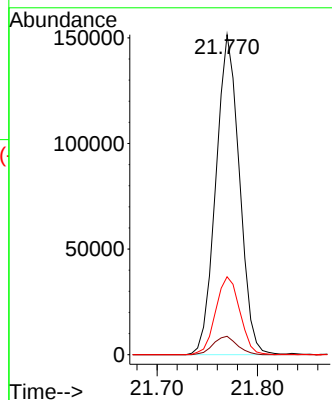
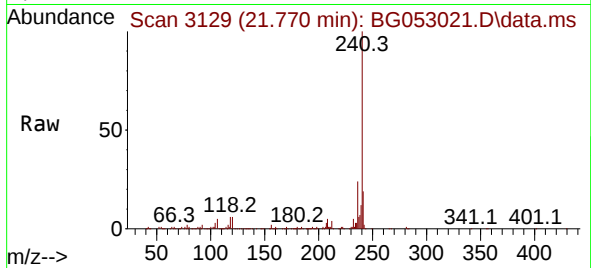




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.770 min Scan# 31
Delta R.T. -0.028 min
Lab File: BG053021.D
Acq: 4 Apr 2022 23:35

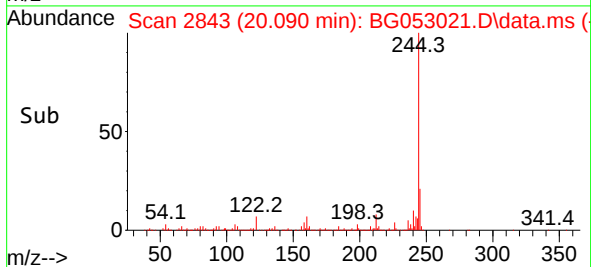
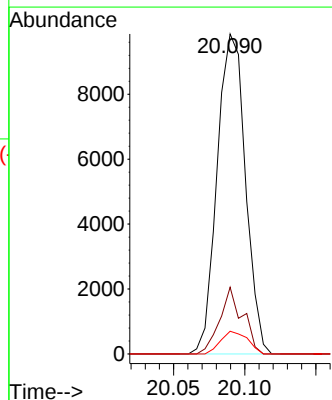
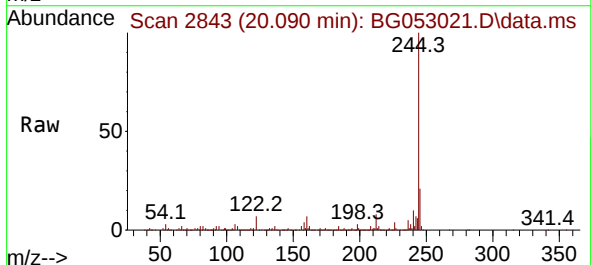
Instrument :
BNA_G
ClientSampleId :
20220343-098-21-01

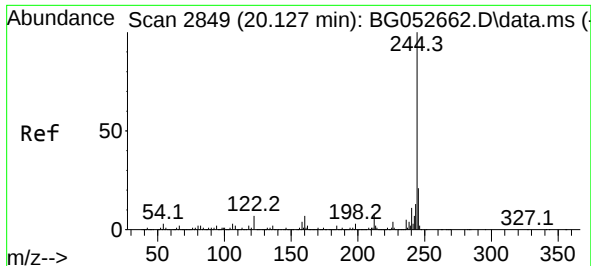
Tgt Ion:240 Resp: 246611
Ion Ratio Lower Upper
240 100
120 5.7 5.4 8.0
236 24.4 19.8 29.6



#77
Benzidine
Concen: 2.145 ng
RT: 20.090 min Scan# 2843
Delta R.T. 0.365 min
Lab File: BG053021.D
Acq: 4 Apr 2022 23:35

Tgt Ion:184 Resp: 13641
Ion Ratio Lower Upper
184 100
185 20.8 11.5 17.3#
183 7.1 9.4 14.2#

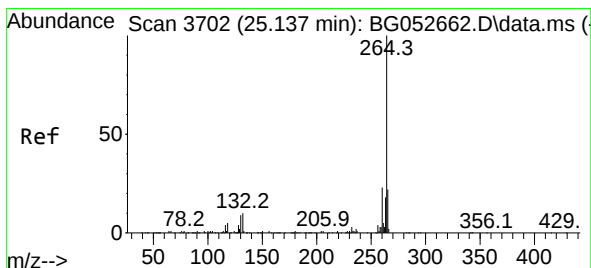
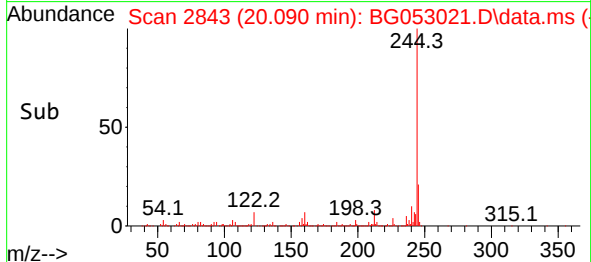
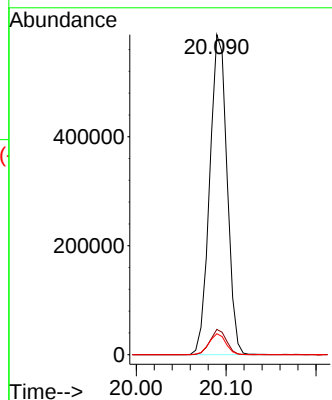
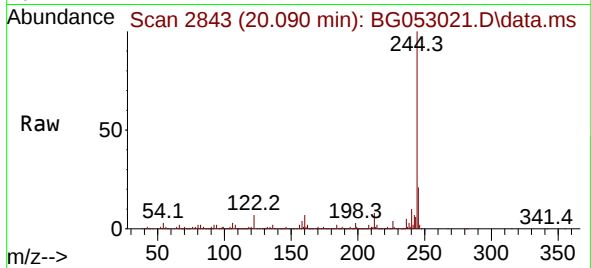




#79
 Terphenyl-d14
 Concen: 56.748 ng
 RT: 20.090 min Scan# 21
 Delta R.T. -0.023 min
 Lab File: BG053021.D
 Acq: 4 Apr 2022 23:35

Instrument :
 BNA_G
 ClientSampleId :
 20220343-098-21-01

Tgt Ion:244 Resp: 786728
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.4 8.2
 122 6.5 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.071 min Scan# 3691
 Delta R.T. -0.040 min
 Lab File: BG053021.D
 Acq: 4 Apr 2022 23:35

Tgt Ion:264 Resp: 257859
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.2 27.2
 265 21.4 15.1 22.7

