

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041822\
 Data File : BG053191.D
 Acq On : 18 Apr 2022 22:09
 Operator : CG/JU
 Sample : N2449-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 22L091-A

Quant Time: Apr 19 04:21:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 08 15:31:24 2022
 Response via : Initial Calibration

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

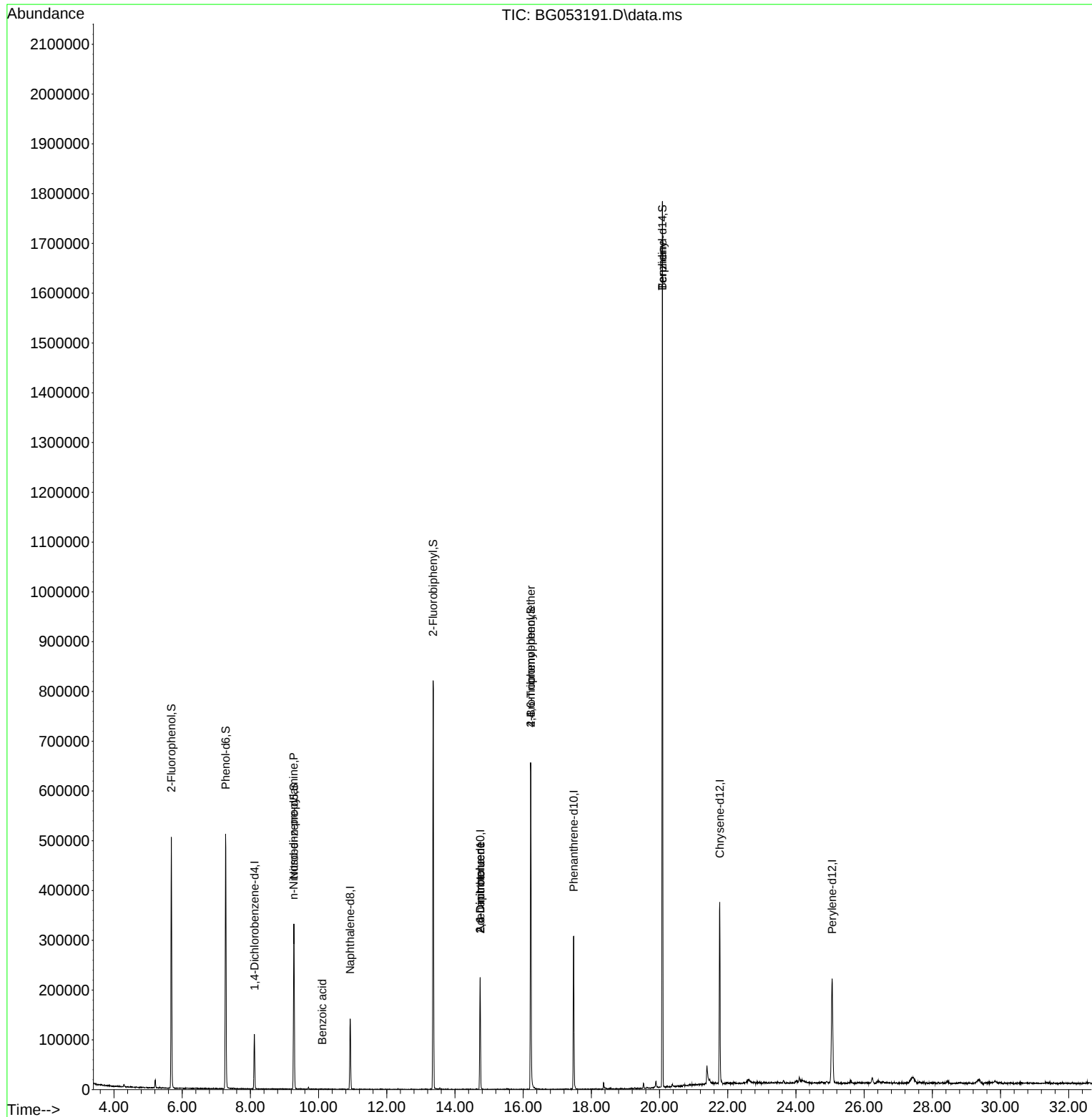
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.120	152	30609	20.000	ng	0.00
21) Naphthalene-d8	10.928	136	117114	20.000	ng	0.00
39) Acenaphthene-d10	14.740	164	85157	20.000	ng	0.00
64) Phenanthrene-d10	17.483	188	208731	20.000	ng	0.00
76) Chrysene-d12	21.766	240	243716	20.000	ng	0.00
86) Perylene-d12	25.061	264	241970	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.682	112	205809	115.258	ng	0.00
7) Phenol-d6	7.274	99	287865	104.540	ng	0.00
23) Nitrobenzene-d5	9.277	82	209041	72.475	ng	0.00
42) 2,4,6-Tribromophenol	16.226	330	141818	104.677	ng	0.00
45) 2-Fluorobiphenyl	13.360	172	452288	73.237	ng	0.00
79) Terphenyl-d14	20.086	244	921151	63.834	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.271	70	28980	14.375	ng	# 77
32) Benzoic acid	10.111	122	54	3.675	ng	# 1
51) 2,6-Dinitrotoluene	14.740	165	11460	8.065	ng	# 24
57) 2,4-Dinitrotoluene	14.740	165	11460	5.665	ng	# 22
67) 4-Bromophenyl-phenylether	16.226	248	9283	3.471	ng	# 1
77) Benzidine	20.086	184	14948	2.150	ng	# 88

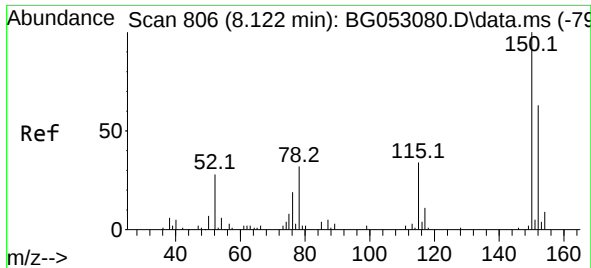
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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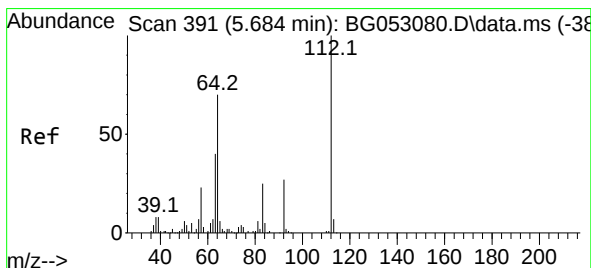
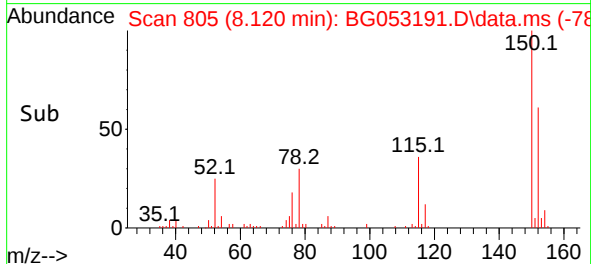
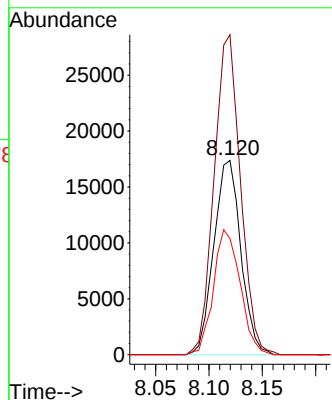
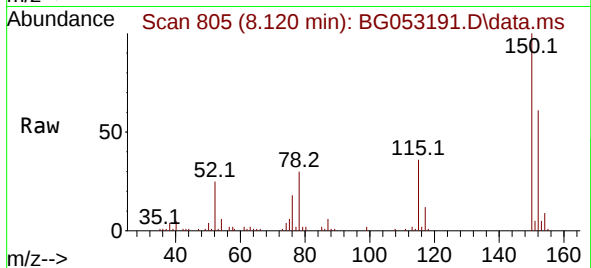




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.120 min Scan# 806
Delta R.T. -0.002 min
Lab File: BG053191.D
Acq: 18 Apr 2022 22:09

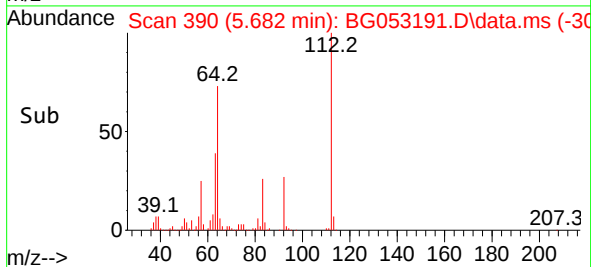
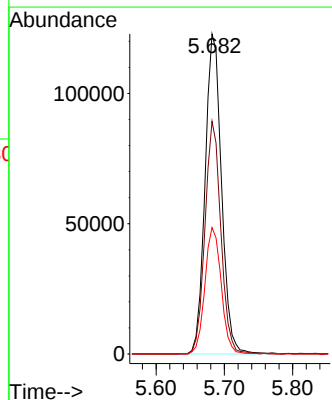
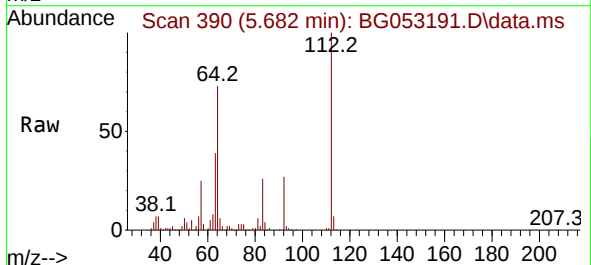
Instrument :
BNA_G
ClientSampleId :
22L091-A

Tgt Ion:152 Resp: 30609
Ion Ratio Lower Upper
152 100
150 164.7 114.6 172.0
115 59.7 45.9 68.9



#5
2-Fluorophenol
Concen: 115.258 ng
RT: 5.682 min Scan# 390
Delta R.T. -0.002 min
Lab File: BG053191.D
Acq: 18 Apr 2022 22:09

Tgt Ion:112 Resp: 205809
Ion Ratio Lower Upper
112 100
64 72.7 48.0 72.0#
63 39.5 26.5 39.7

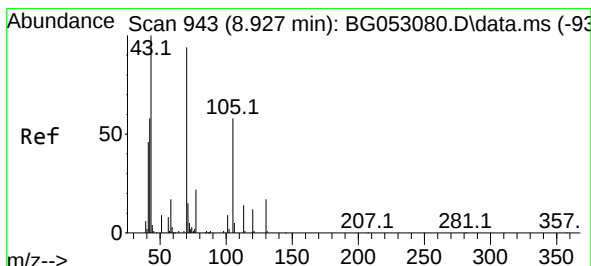
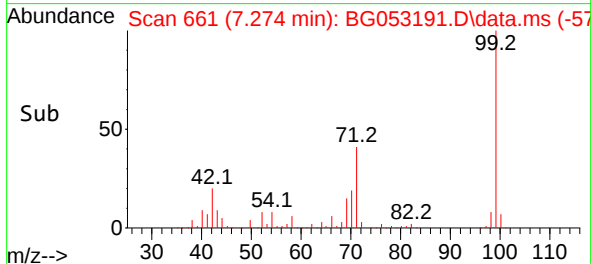
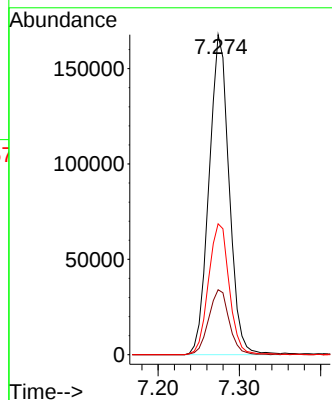
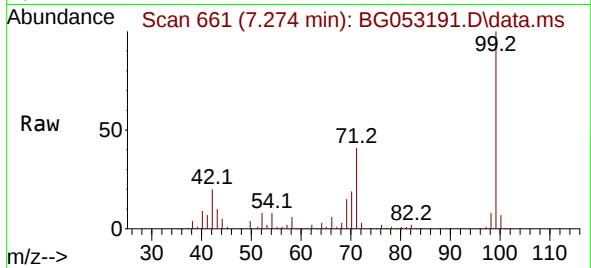




#7
Phenol-d6
Concen: 104.540 ng
RT: 7.274 min Scan# 60
Delta R.T. -0.008 min
Lab File: BG053191.D
Acq: 18 Apr 2022 22:09

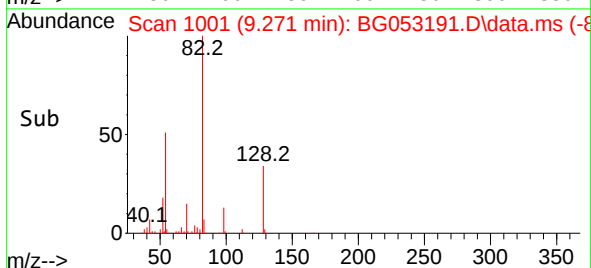
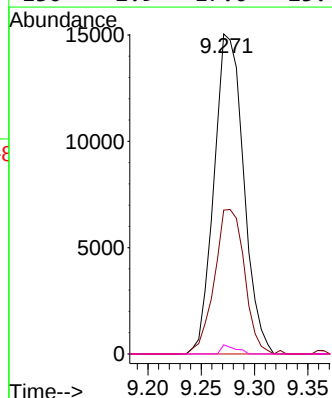
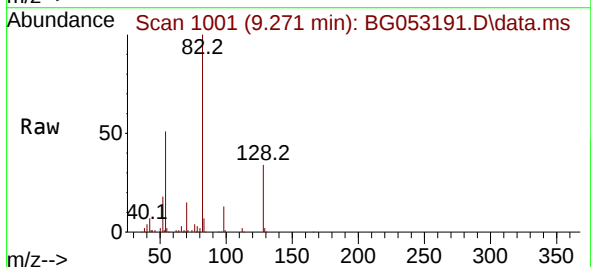
Instrument :
BNA_G
ClientSampleId :
22L091-A

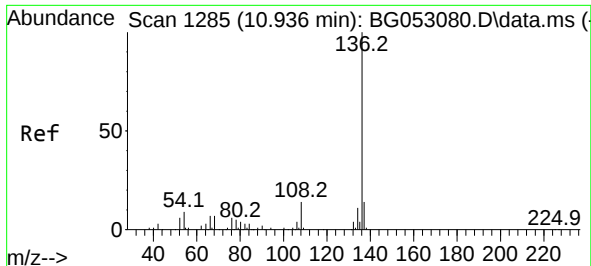
Tgt Ion: 99 Resp: 287865
Ion Ratio Lower Upper
99 100
42 20.3 14.7 22.1
71 40.9 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 14.375 ng
RT: 9.271 min Scan# 1001
Delta R.T. 0.344 min
Lab File: BG053191.D
Acq: 18 Apr 2022 22:09

Tgt Ion: 70 Resp: 28980
Ion Ratio Lower Upper
70 100
42 44.9 46.0 69.0#
101 0.0 6.2 9.4#
130 2.9 17.0 25.4#

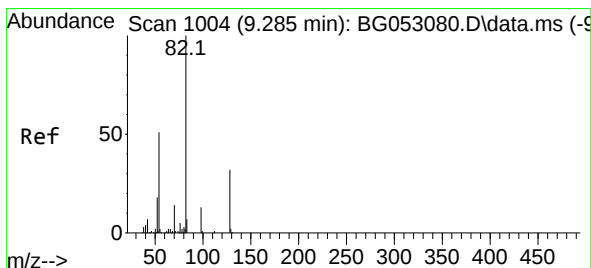
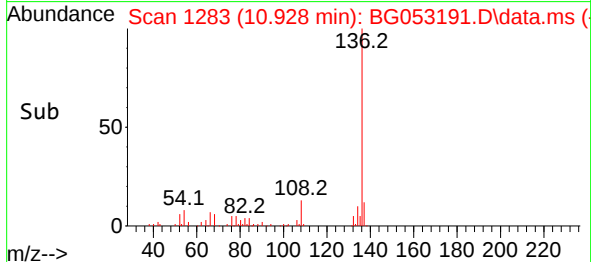
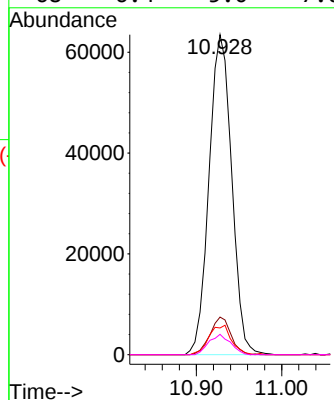
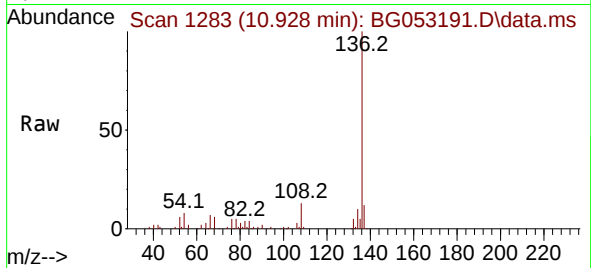




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.928 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG053191.D
Acq: 18 Apr 2022 22:09

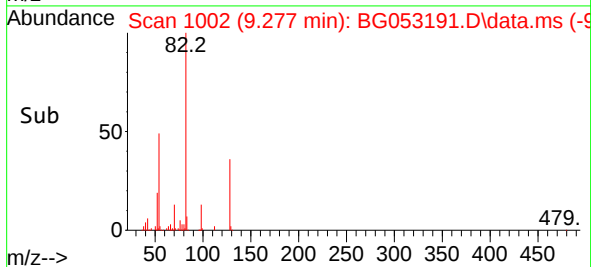
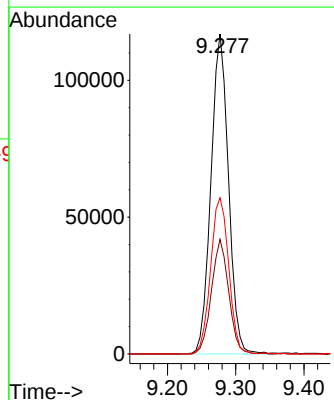
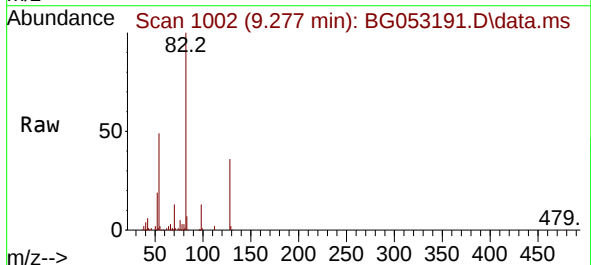
Instrument :
BNA_G
ClientSampleId :
22L091-A

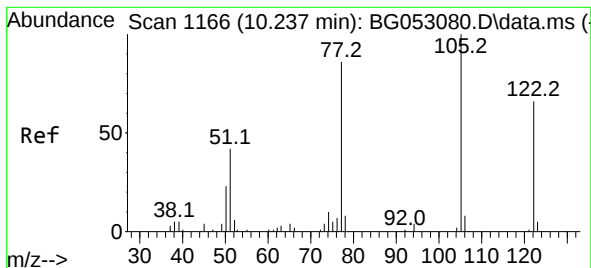
Tgt Ion:	136	Resp:	117114
Ion Ratio	Lower	Upper	
136	100		
137	11.7	9.4	14.2
54	8.4	6.4	9.6
68	6.4	5.0	7.6



#23
Nitrobenzene-d5
Concen: 72.475 ng
RT: 9.277 min Scan# 1002
Delta R.T. -0.008 min
Lab File: BG053191.D
Acq: 18 Apr 2022 22:09

Tgt Ion:	82	Resp:	209041
Ion Ratio	Lower	Upper	
82	100		
128	35.8	31.3	46.9
54	48.8	37.8	56.8





#32

Benzoic acid

Concen: 3.675 ng

RT: 10.111 min Scan# 1166

Delta R.T. -0.126 min

Lab File: BG053191.D

Acq: 18 Apr 2022 22:09

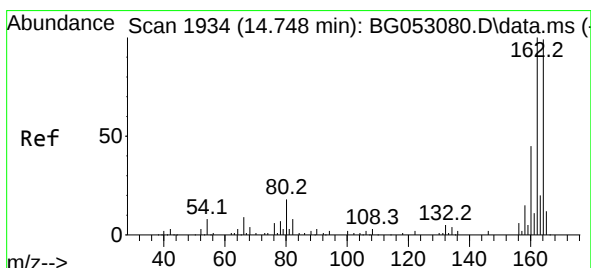
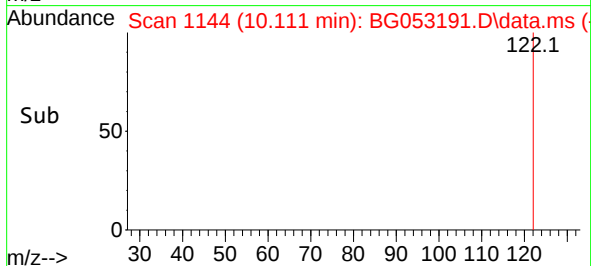
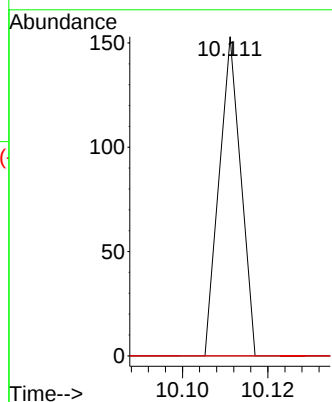
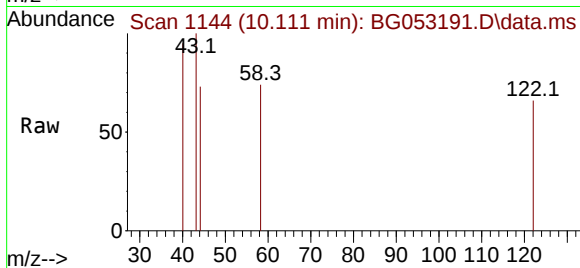
Instrument :

BNA_G

ClientSampleId :

22L091-A

Tgt Ion:122	Resp:	54
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

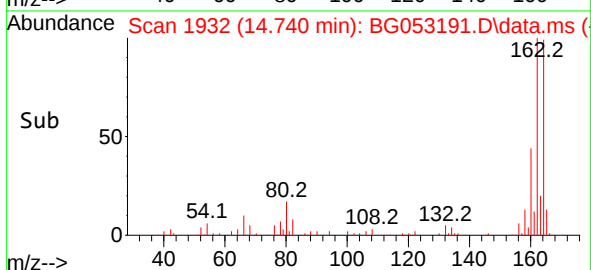
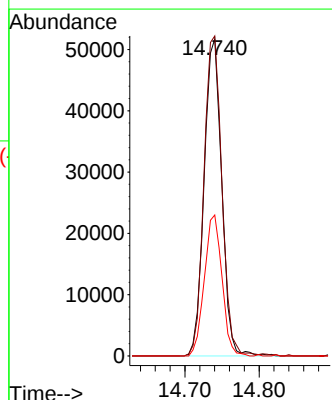
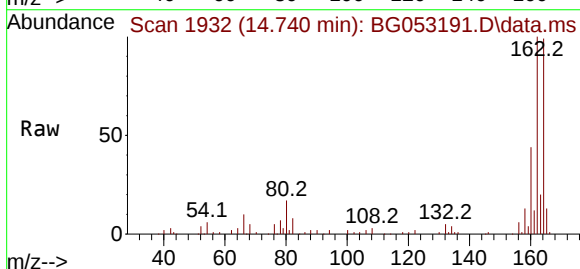
RT: 14.740 min Scan# 1932

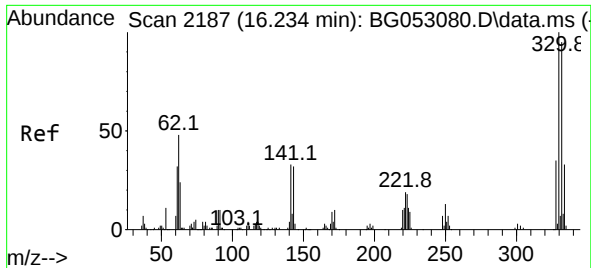
Delta R.T. -0.008 min

Lab File: BG053191.D

Acq: 18 Apr 2022 22:09

Tgt Ion:164	Resp:	85157
Ion	Ratio	Lower Upper
164	100	
162	100.9	80.0 120.0
160	44.5	38.8 58.2

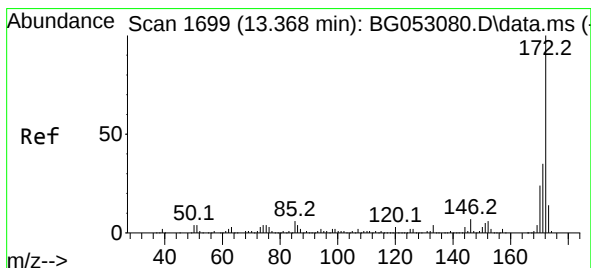
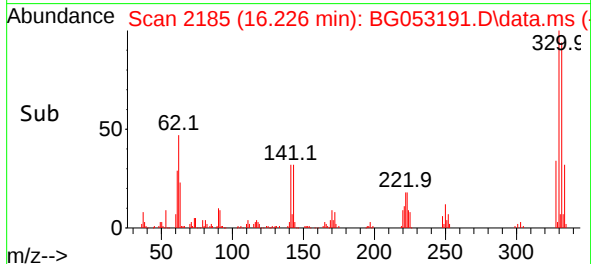
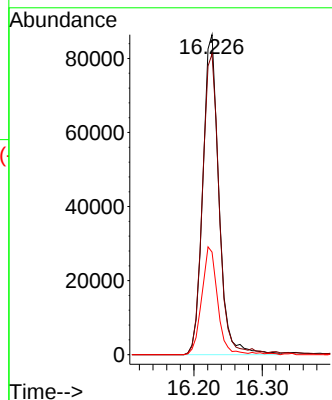
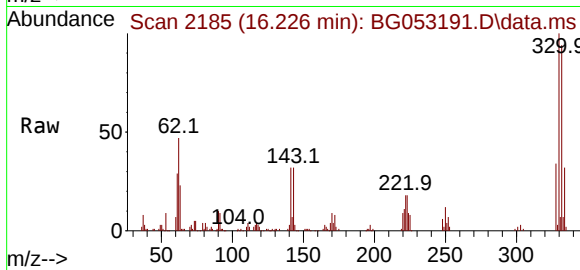




#42
2,4,6-Tribromophenol
Concen: 104.677 ng
RT: 16.226 min Scan# 2187
Delta R.T. -0.008 min
Lab File: BG053191.D
Acq: 18 Apr 2022 22:09

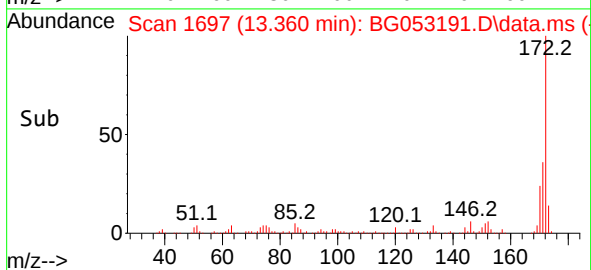
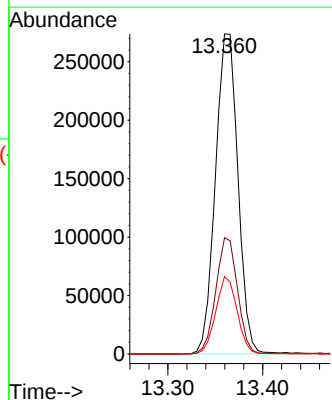
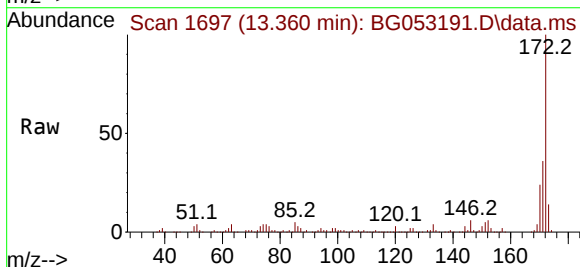
Instrument :
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22L091-A

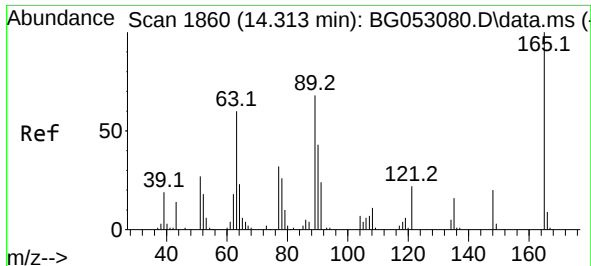
Tgt Ion:330 Resp: 141818
Ion Ratio Lower Upper
330 100
332 97.0 75.8 113.6
141 33.0 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 73.237 ng
RT: 13.360 min Scan# 1697
Delta R.T. -0.008 min
Lab File: BG053191.D
Acq: 18 Apr 2022 22:09

Tgt Ion:172 Resp: 452288
Ion Ratio Lower Upper
172 100
171 36.3 28.3 42.5
170 24.2 18.0 27.0

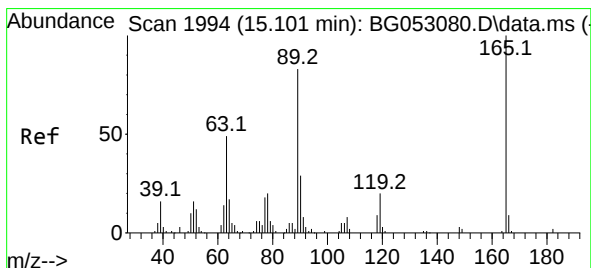
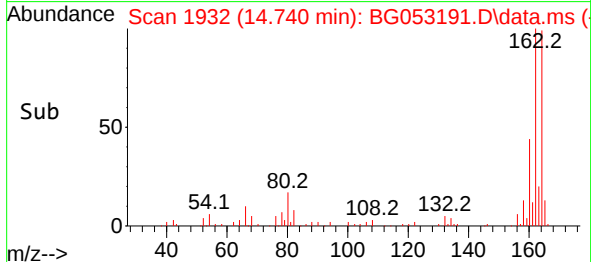
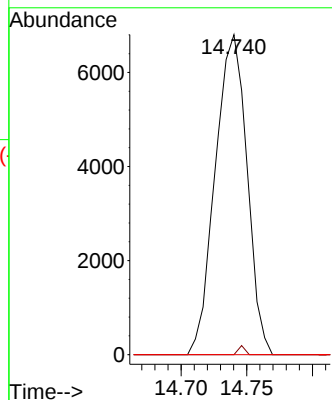
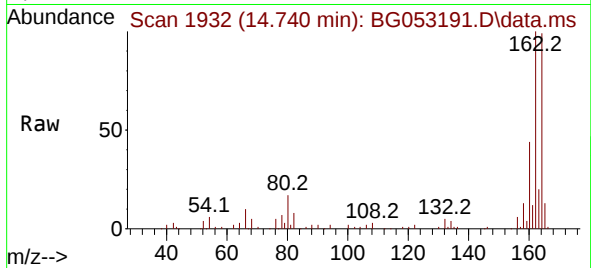




#51
2,6-Dinitrotoluene
Concen: 8.065 ng
RT: 14.740 min Scan# 1932
Delta R.T. 0.427 min
Lab File: BG053191.D
Acq: 18 Apr 2022 22:09

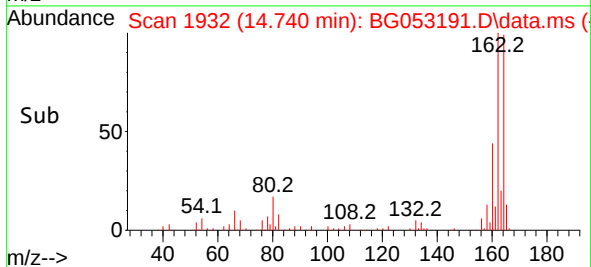
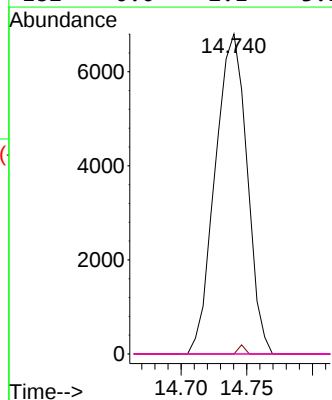
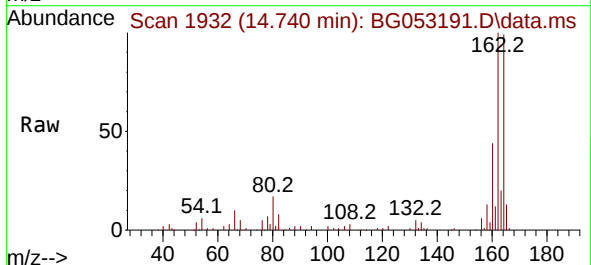
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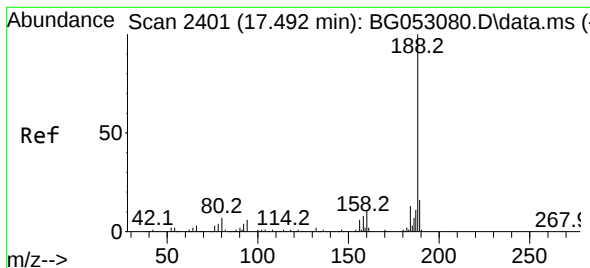
Tgt Ion:165 Resp: 11460
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 0.0 45.0 67.4#



#57
2,4-Dinitrotoluene
Concen: 5.665 ng
RT: 14.740 min Scan# 1932
Delta R.T. -0.361 min
Lab File: BG053191.D
Acq: 18 Apr 2022 22:09

Tgt Ion:165 Resp: 11460
Ion Ratio Lower Upper
165 100
63 0.0 34.8 52.2#
89 0.0 57.4 86.0#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.483 min Scan# 2185

Delta R.T. -0.008 min

Lab File: BG053191.D

Acq: 18 Apr 2022 22:09

Instrument :

BNA_G

ClientSampleId :

22L091-A

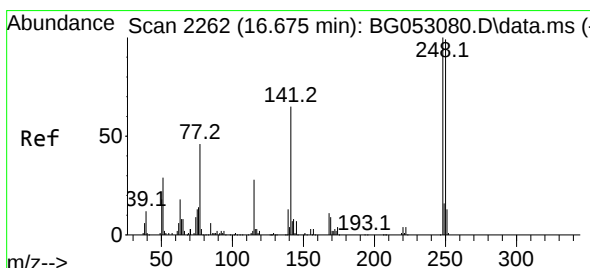
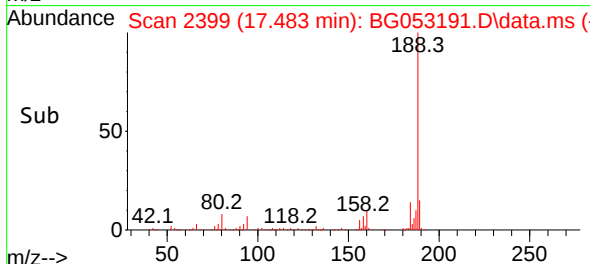
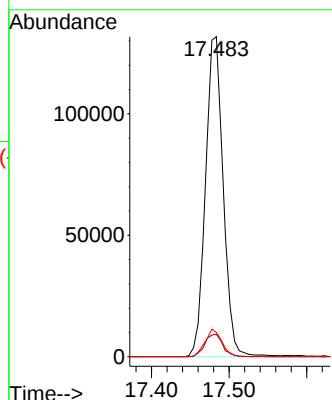
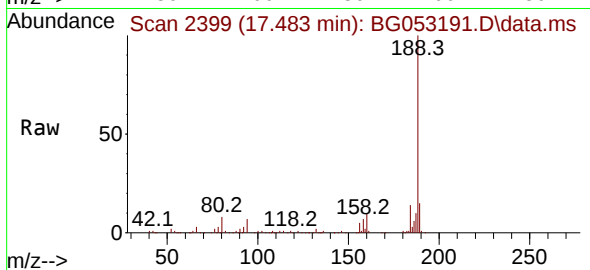
Tgt Ion:188 Resp: 208731

Ion Ratio Lower Upper

188 100

94 7.0 5.7 8.5

80 7.6 7.2 10.8



#67

4-Bromophenyl-phenylether

Concen: 3.471 ng

RT: 16.226 min Scan# 2185

Delta R.T. -0.449 min

Lab File: BG053191.D

Acq: 18 Apr 2022 22:09

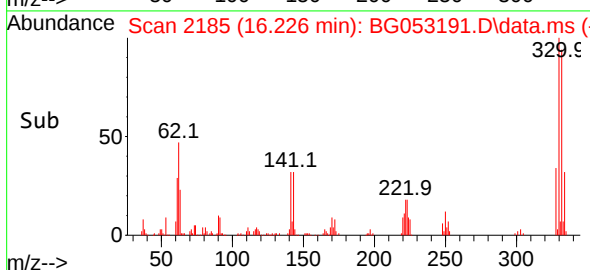
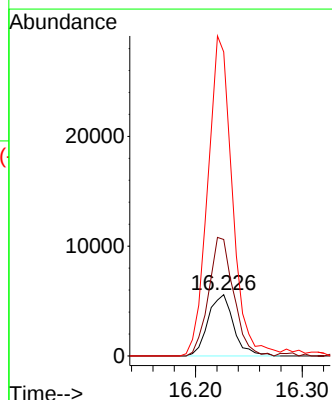
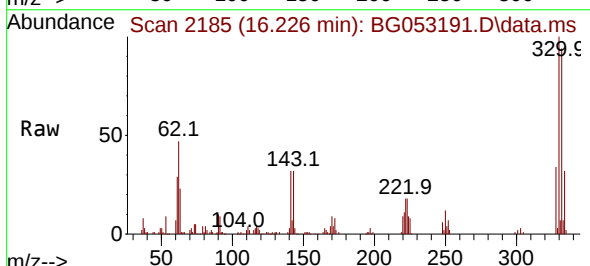
Tgt Ion:248 Resp: 9283

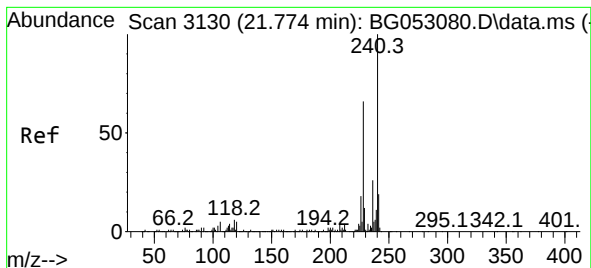
Ion Ratio Lower Upper

248 100

250 189.8 77.9 116.9#

141 495.3 49.2 73.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.766 min Scan# 31

Delta R.T. -0.008 min

Lab File: BG053191.D

Acq: 18 Apr 2022 22:09

Instrument :

BNA_G

ClientSampleId :

22L091-A

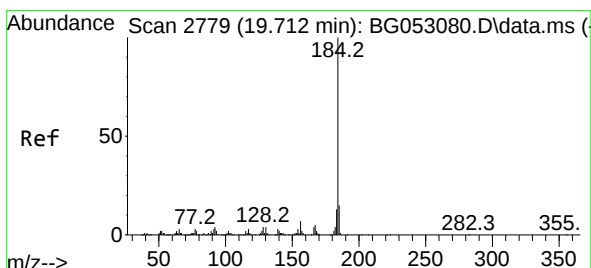
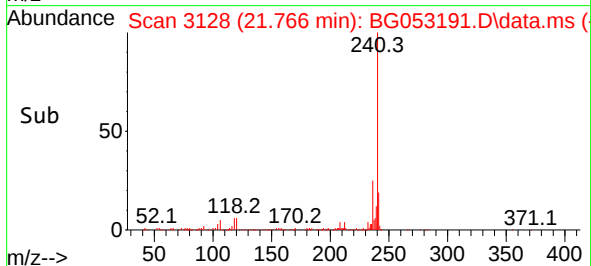
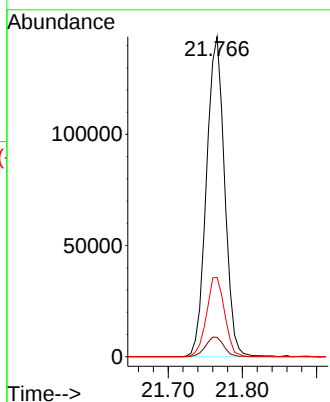
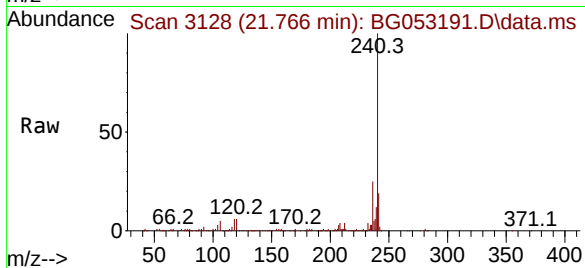
Tgt Ion:240 Resp: 243716

Ion Ratio Lower Upper

240 100

120 6.1 5.4 8.0

236 24.8 19.8 29.6



#77

Benzidine

Concen: 2.150 ng

RT: 20.086 min Scan# 2842

Delta R.T. 0.374 min

Lab File: BG053191.D

Acq: 18 Apr 2022 22:09

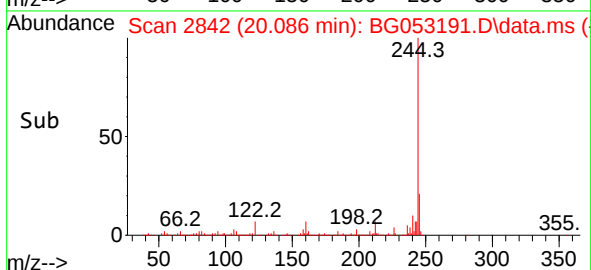
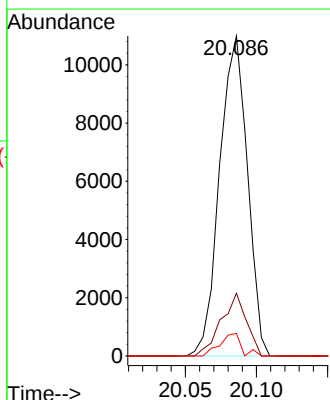
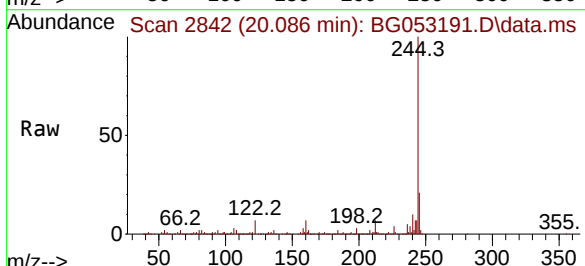
Tgt Ion:184 Resp: 14948

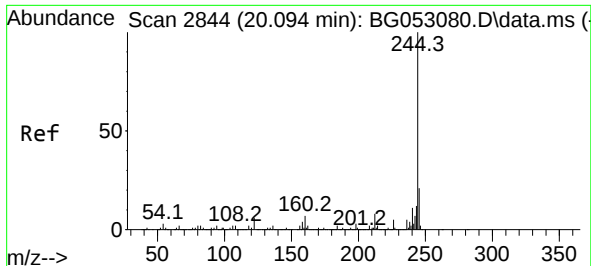
Ion Ratio Lower Upper

184 100

185 19.6 11.5 17.3#

183 7.0 9.4 14.2#

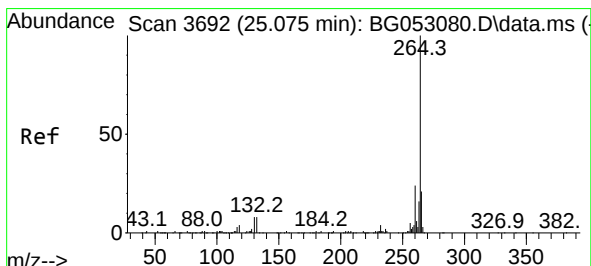
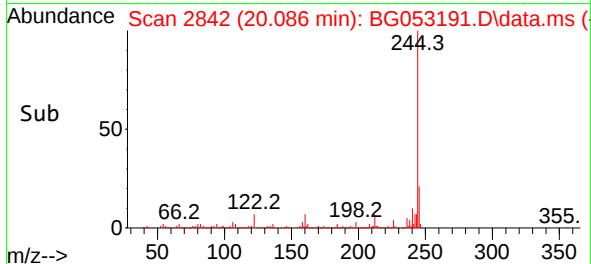
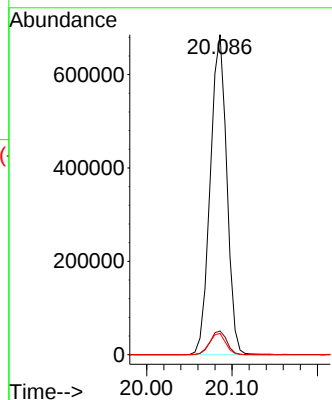
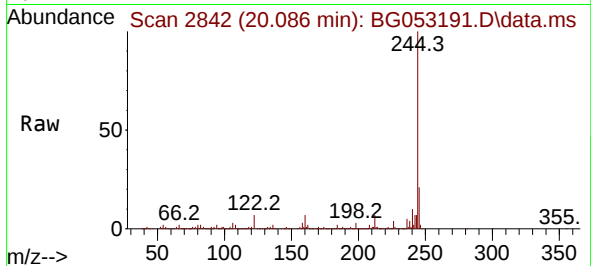




#79
 Terphenyl-d14
 Concen: 63.834 ng
 RT: 20.086 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BG053191.D
 Acq: 18 Apr 2022 22:09

Instrument :
 BNA_G
 ClientSampleId :
 22L091-A

Tgt Ion:244 Resp: 921151
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.4 8.2
 122 6.6 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.061 min Scan# 3689
 Delta R.T. -0.014 min
 Lab File: BG053191.D
 Acq: 18 Apr 2022 22:09

Tgt Ion:264 Resp: 241970
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.2 27.2
 265 20.5 15.1 22.7

