

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041822\
 Data File : BG053182.D
 Acq On : 18 Apr 2022 16:21
 Operator : CG/JU
 Sample : N2444-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-6

Quant Time: Apr 19 04:20:57 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)

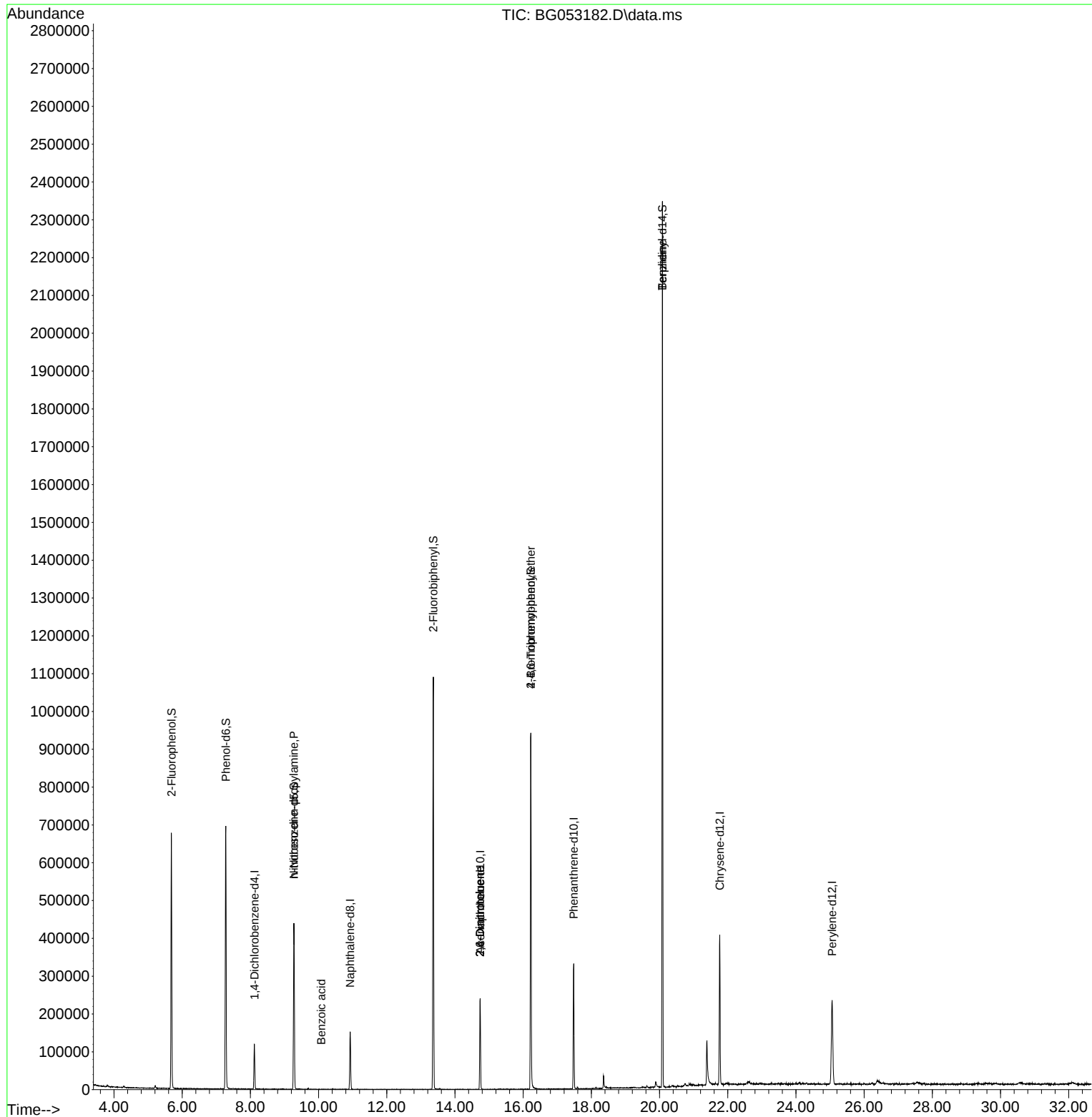
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.118	152	34294	20.000	ng	0.00
21) Naphthalene-d8	10.926	136	124333	20.000	ng	0.00
39) Acenaphthene-d10	14.739	164	91239	20.000	ng	0.00
64) Phenanthrene-d10	17.482	188	222228	20.000	ng	0.00
76) Chrysene-d12	21.765	240	259662	20.000	ng	0.00
86) Perylene-d12	25.060	264	265473	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.686	112	283482	141.698	ng	0.00
7) Phenol-d6	7.278	99	398609	129.203	ng	0.00
23) Nitrobenzene-d5	9.276	82	284918	93.046	ng	0.00
42) 2,4,6-Tribromophenol	16.225	330	200692	138.258	ng	0.00
45) 2-Fluorobiphenyl	13.364	172	588993	89.015	ng	0.00
79) Terphenyl-d14	20.085	244	1177711	76.601	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.276	70	40798	18.063	ng	Qvalue # 73
32) Benzoic acid	10.080	122	60	3.677	ng	# 1
51) 2,6-Dinitrotoluene	14.733	165	12195	8.010	ng	# 24
57) 2,4-Dinitrotoluene	14.733	165	12195	5.626	ng	# 22
67) 4-Bromophenyl-phenylether	16.225	248	13338	4.684	ng	# 1
77) Benzidine	20.085	184	20339	2.745	ng	# 91

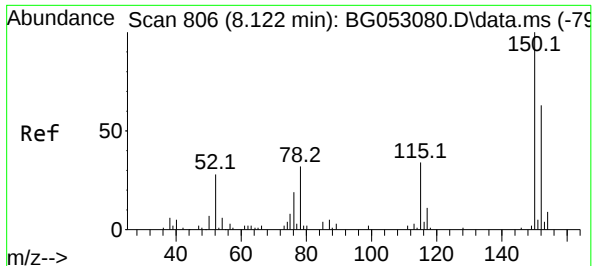
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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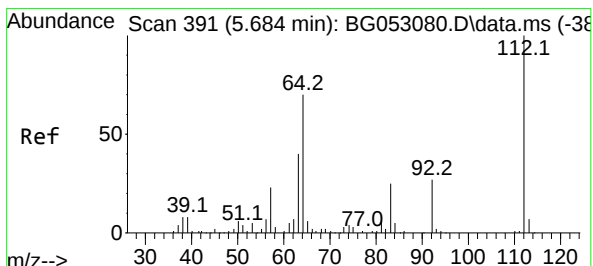
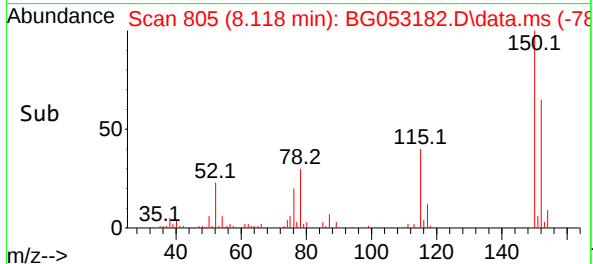
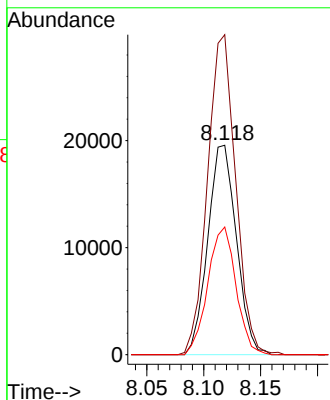
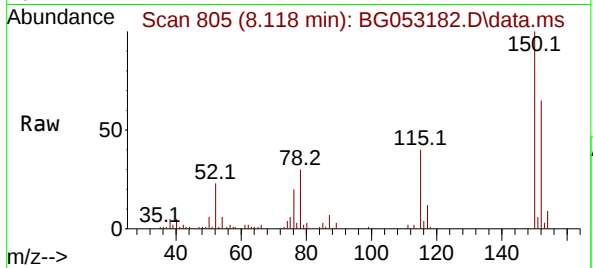




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.118 min Scan# 806
Delta R.T. -0.004 min
Lab File: BG053182.D
Acq: 18 Apr 2022 16:21

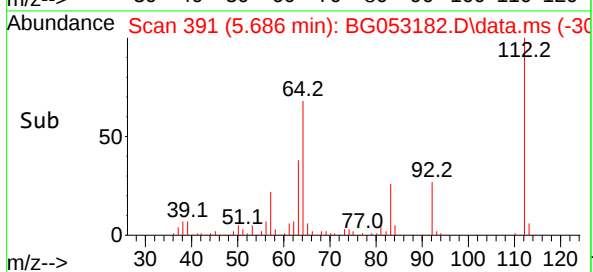
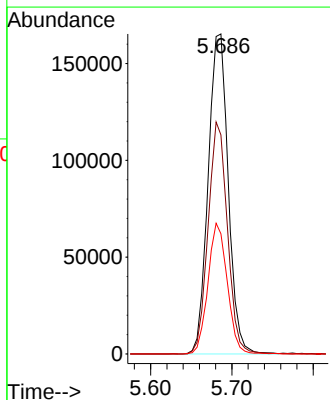
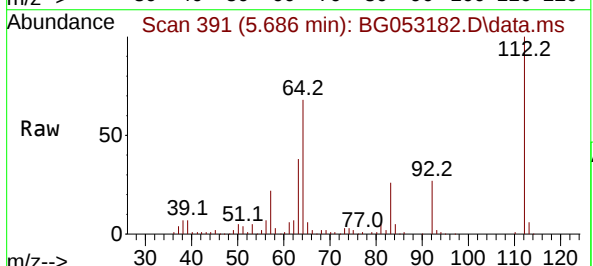
Instrument :
BNA_G
ClientSampleId :
SB-6

Tgt Ion:152 Resp: 34294
Ion Ratio Lower Upper
152 100
150 152.8 114.6 172.0
115 61.0 45.9 68.9



#5
2-Fluorophenol
Concen: 141.698 ng
RT: 5.686 min Scan# 391
Delta R.T. 0.002 min
Lab File: BG053182.D
Acq: 18 Apr 2022 16:21

Tgt Ion:112 Resp: 283482
Ion Ratio Lower Upper
112 100
64 68.5 48.0 72.0
63 37.5 26.5 39.7

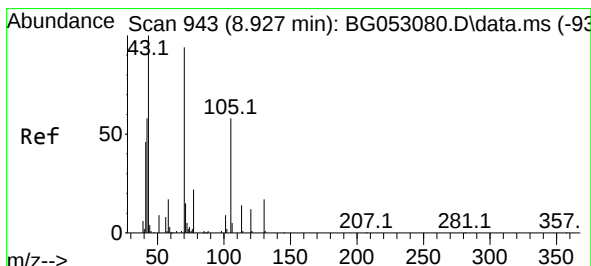
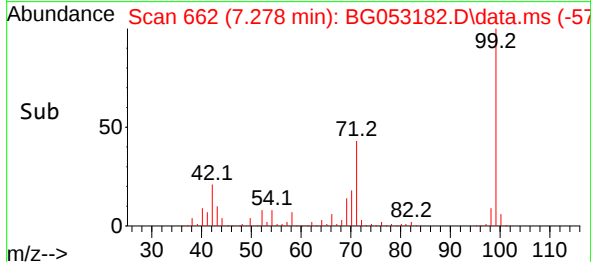
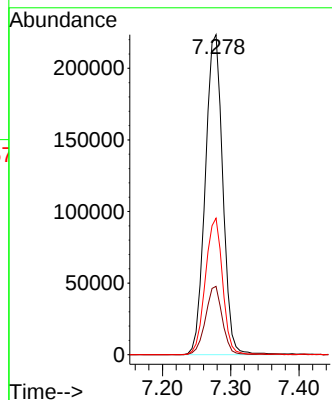
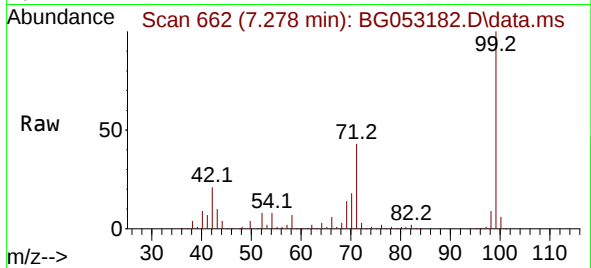




#7
Phenol-d6
Concen: 129.203 ng
RT: 7.278 min Scan# 60
Delta R.T. -0.003 min
Lab File: BG053182.D
Acq: 18 Apr 2022 16:21

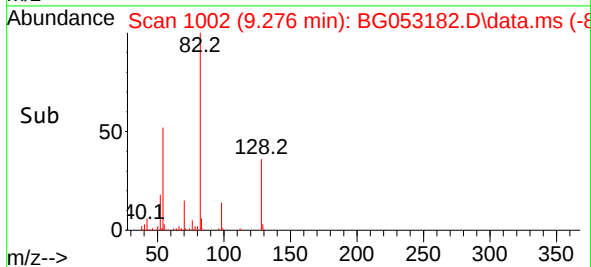
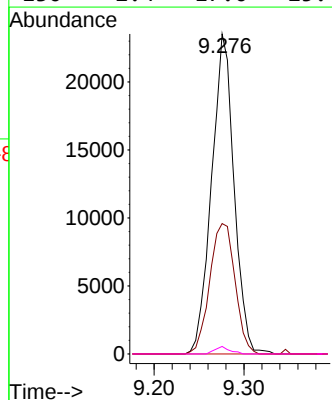
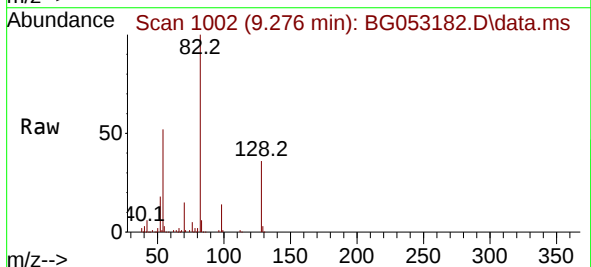
Instrument :
BNA_G
ClientSampleId :
SB-6

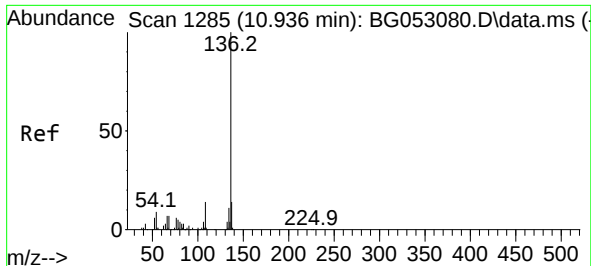
Tgt Ion: 99 Resp: 398609
Ion Ratio Lower Upper
99 100
42 21.4 14.7 22.1
71 42.7 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 18.063 ng
RT: 9.276 min Scan# 1002
Delta R.T. 0.349 min
Lab File: BG053182.D
Acq: 18 Apr 2022 16:21

Tgt Ion: 70 Resp: 40798
Ion Ratio Lower Upper
70 100
42 40.8 46.0 69.0#
101 0.0 6.2 9.4#
130 2.4 17.0 25.4#

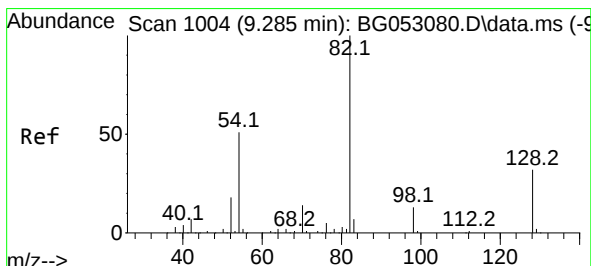
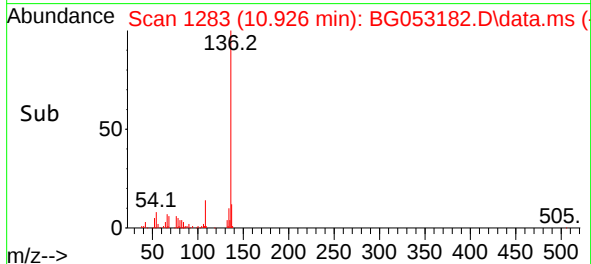
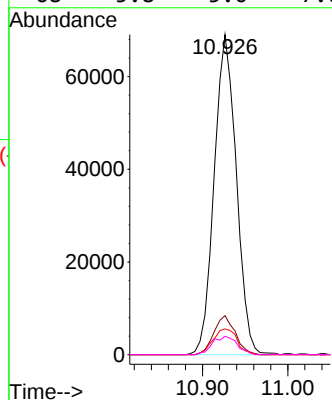
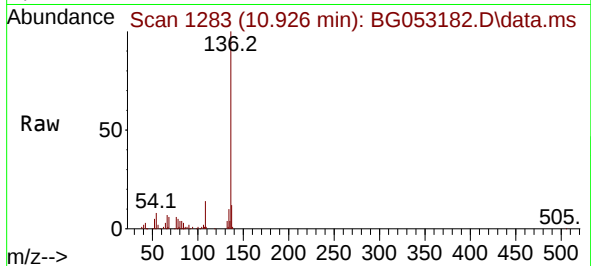




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.926 min Scan# 110
Delta R.T. -0.010 min
Lab File: BG053182.D
Acq: 18 Apr 2022 16:21

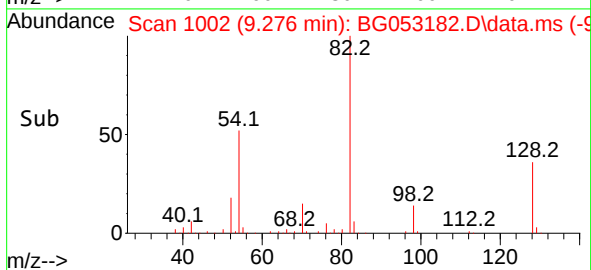
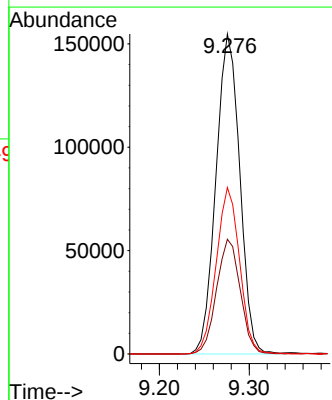
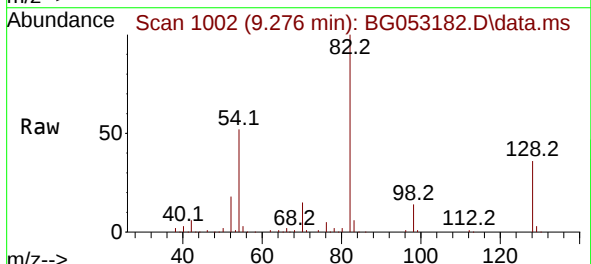
Instrument :
BNA_G
ClientSampleId :
SB-6

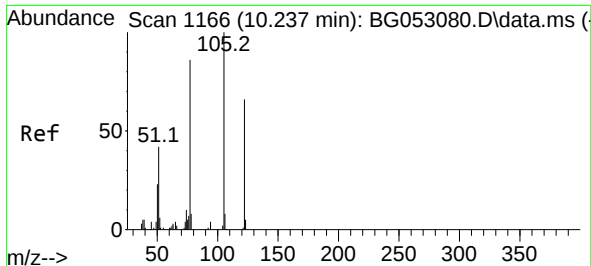
Tgt Ion:136 Resp: 124333
Ion Ratio Lower Upper
136 100
137 12.2 9.4 14.2
54 8.1 6.4 9.6
68 5.8 5.0 7.6



#23
Nitrobenzene-d5
Concen: 93.046 ng
RT: 9.276 min Scan# 1002
Delta R.T. -0.009 min
Lab File: BG053182.D
Acq: 18 Apr 2022 16:21

Tgt Ion: 82 Resp: 284918
Ion Ratio Lower Upper
82 100
128 35.9 31.3 46.9
54 52.0 37.8 56.8

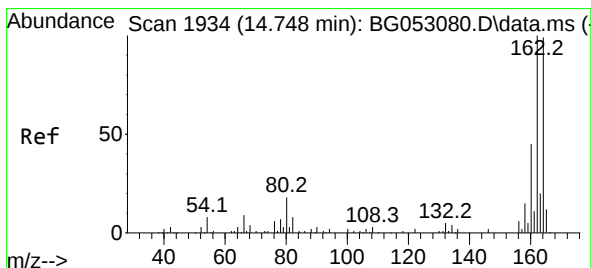
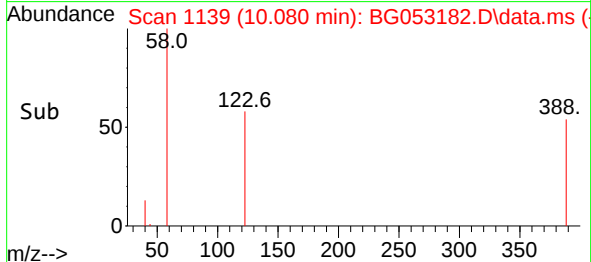
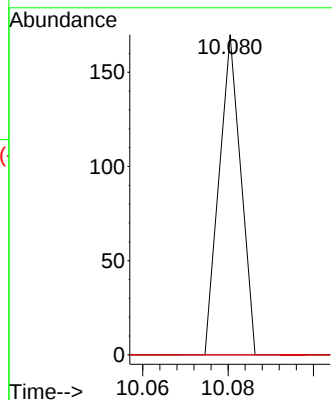
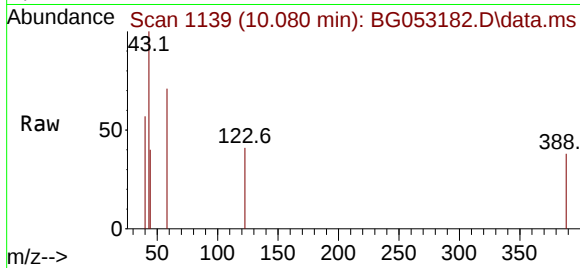




#32
Benzoic acid
Concen: 3.677 ng
RT: 10.080 min Scan# 1166
Delta R.T. -0.157 min
Lab File: BG053182.D
Acq: 18 Apr 2022 16:21

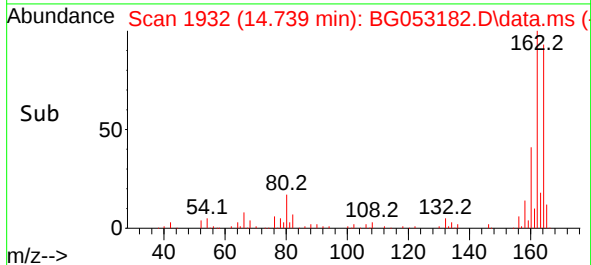
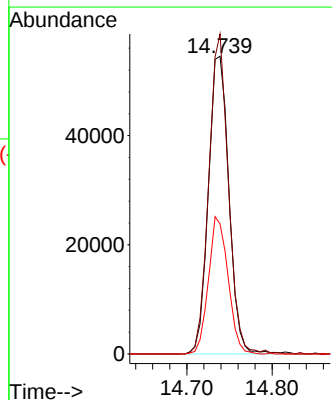
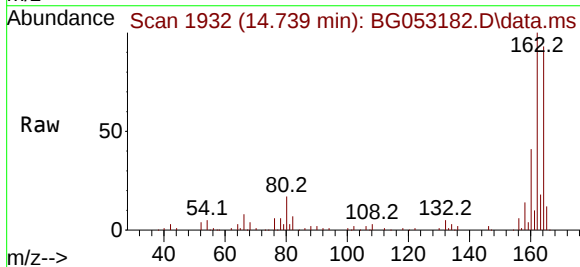
Instrument :
BNA_G
ClientSampleId :
SB-6

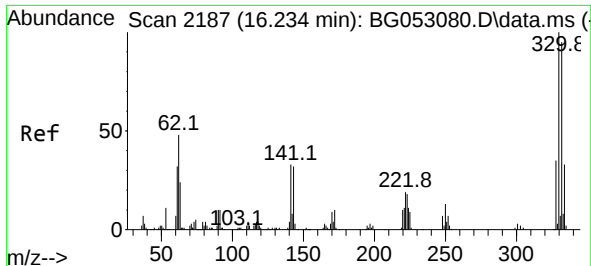
Tgt Ion:122 Resp: 60
Ion Ratio Lower Upper
122 100
105 0.0 112.8 152.8#
77 0.0 78.4 118.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.739 min Scan# 1932
Delta R.T. -0.009 min
Lab File: BG053182.D
Acq: 18 Apr 2022 16:21

Tgt Ion:164 Resp: 91239
Ion Ratio Lower Upper
164 100
162 107.5 80.0 120.0
160 43.7 38.8 58.2

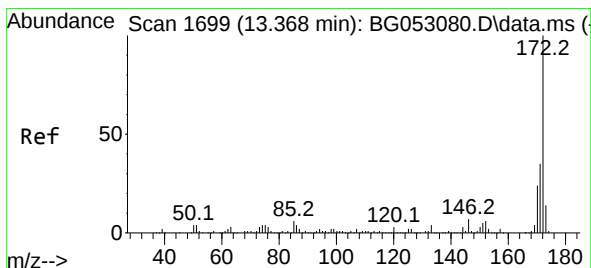
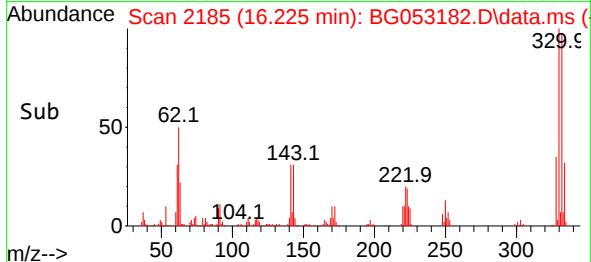
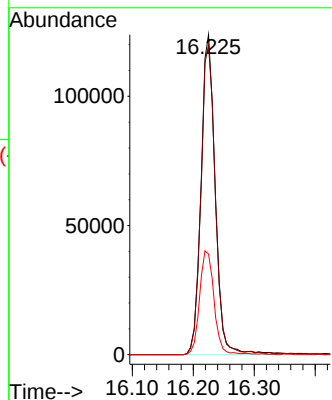
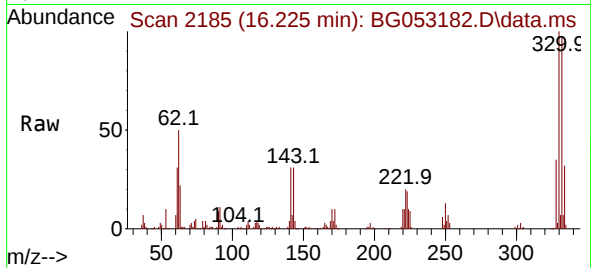




#42
 2,4,6-Tribromophenol
 Concen: 138.258 ng
 RT: 16.225 min Scan# 2185
 Delta R.T. -0.009 min
 Lab File: BG053182.D
 Acq: 18 Apr 2022 16:21

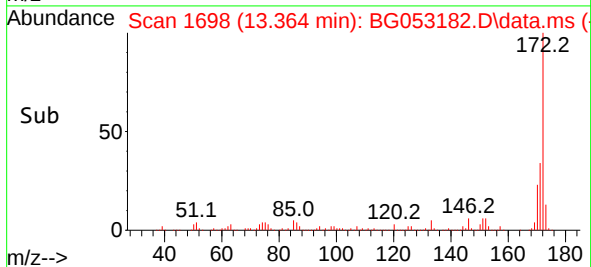
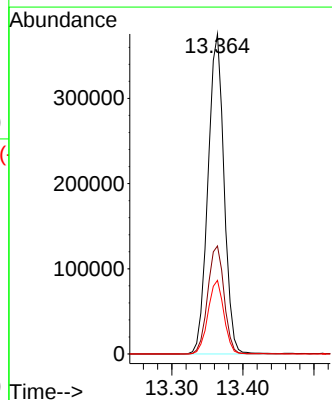
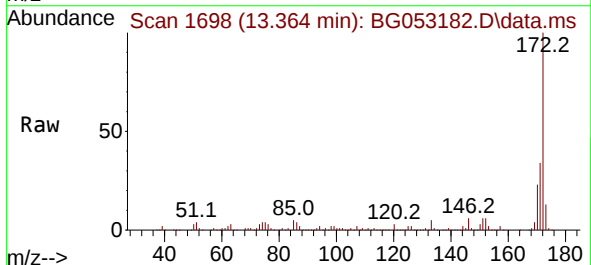
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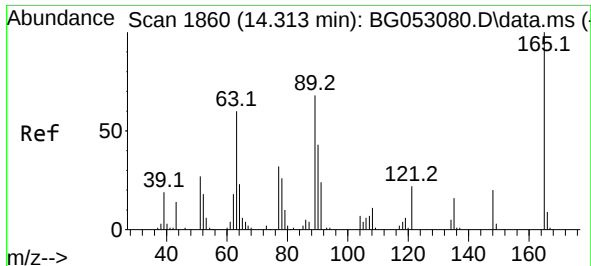
Tgt Ion:330 Resp: 200692
 Ion Ratio Lower Upper
 330 100
 332 97.2 75.8 113.6
 141 32.8 24.6 36.8



#45
 2-Fluorobiphenyl
 Concen: 89.015 ng
 RT: 13.364 min Scan# 1698
 Delta R.T. -0.003 min
 Lab File: BG053182.D
 Acq: 18 Apr 2022 16:21

Tgt Ion:172 Resp: 588993
 Ion Ratio Lower Upper
 172 100
 171 33.7 28.3 42.5
 170 23.0 18.0 27.0

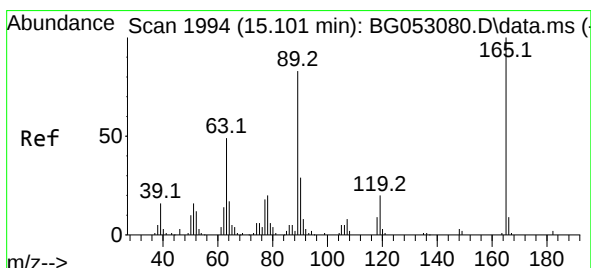
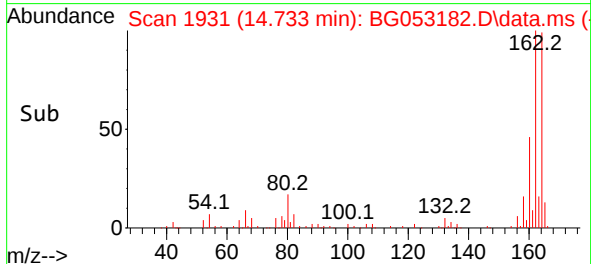
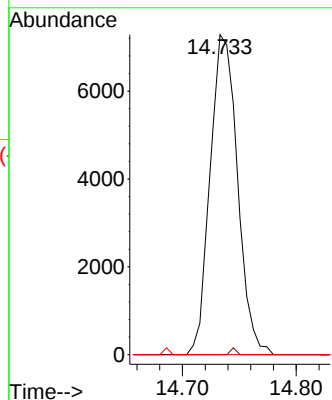
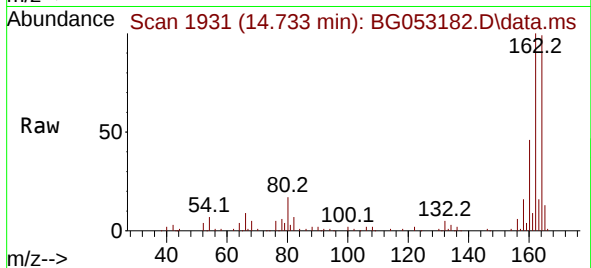




#51
2,6-Dinitrotoluene
Concen: 8.010 ng
RT: 14.733 min Scan# 1931
Delta R.T. 0.419 min
Lab File: BG053182.D
Acq: 18 Apr 2022 16:21

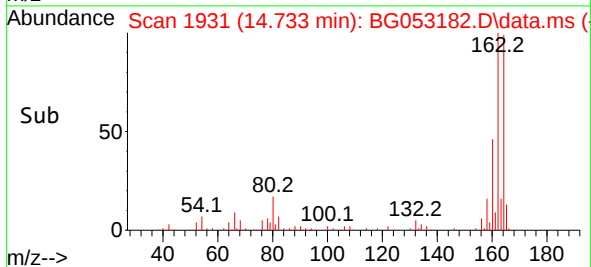
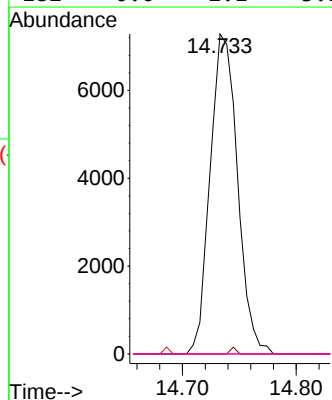
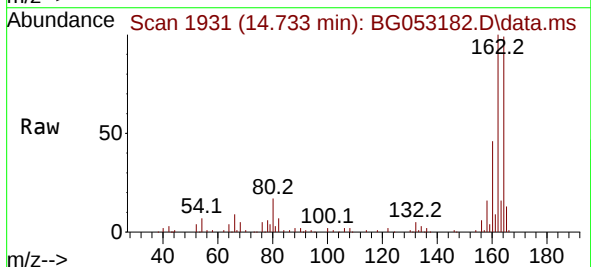
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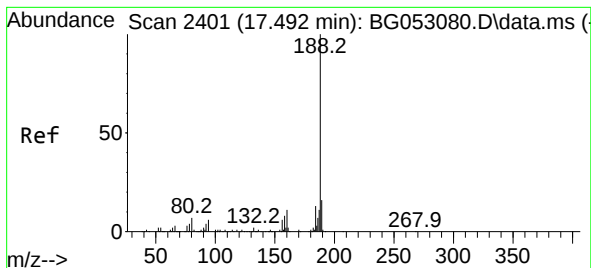
Tgt Ion:165 Resp: 12195
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 0.0 45.0 67.4#



#57
2,4-Dinitrotoluene
Concen: 5.626 ng
RT: 14.733 min Scan# 1931
Delta R.T. -0.368 min
Lab File: BG053182.D
Acq: 18 Apr 2022 16:21

Tgt Ion:165 Resp: 12195
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: 17.482 min Scan# 21

Delta R.T. -0.009 min

Lab File: BG053182.D

Acq: 18 Apr 2022 16:21

Instrument :

BNA_G

ClientSampleId :

SB-6

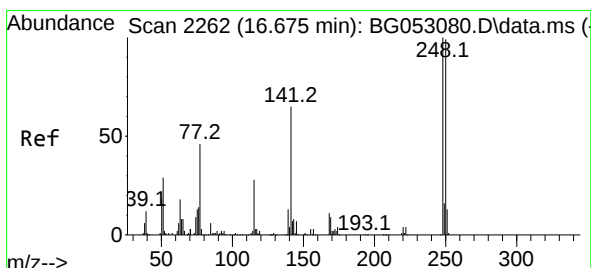
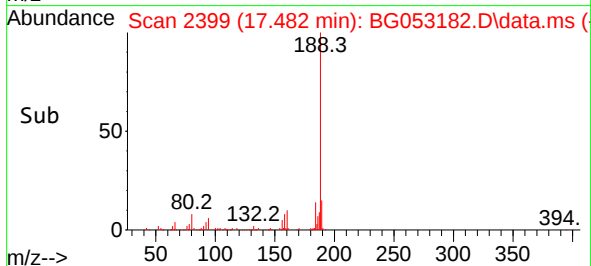
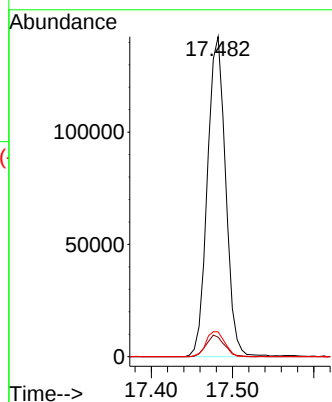
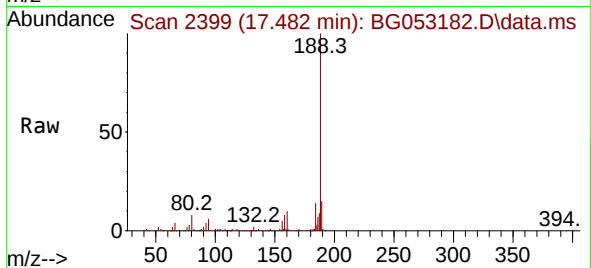
Tgt Ion:188 Resp: 222228

Ion Ratio Lower Upper

188 100

94 6.1 5.7 8.5

80 7.7 7.2 10.8



#67

4-Bromophenyl-phenylether

Concen: 4.684 ng

RT: 16.225 min Scan# 2185

Delta R.T. -0.450 min

Lab File: BG053182.D

Acq: 18 Apr 2022 16:21

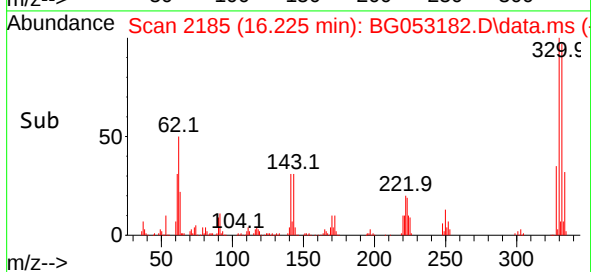
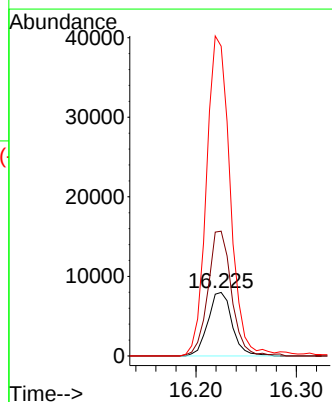
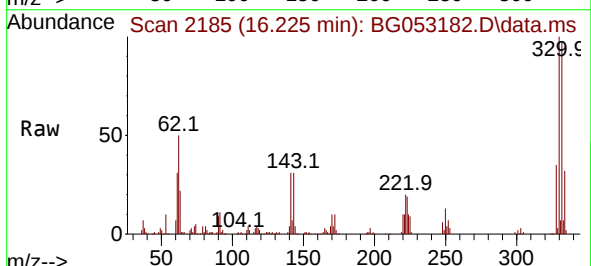
Tgt Ion:248 Resp: 13338

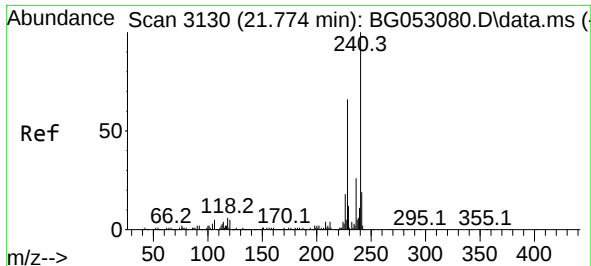
Ion Ratio Lower Upper

248 100

250 196.7 77.9 116.9#

141 488.2 49.2 73.8#

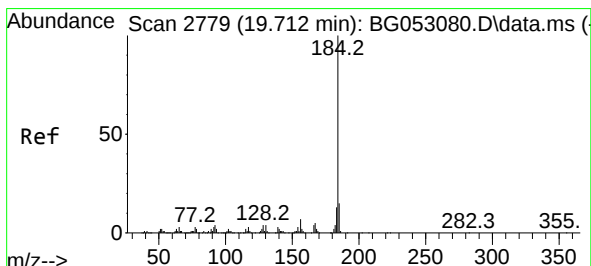
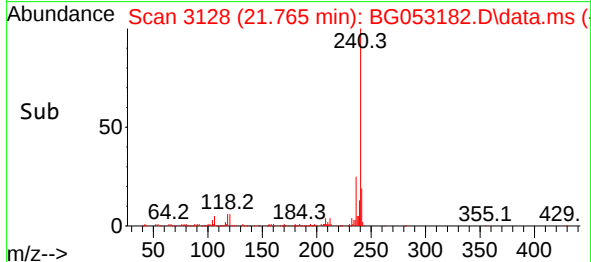
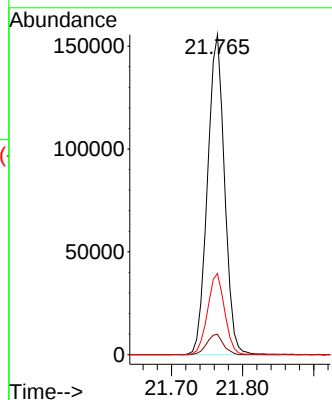
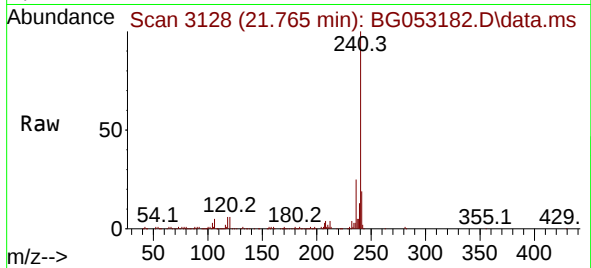




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.765 min Scan# 31
Delta R.T. -0.009 min
Lab File: BG053182.D
Acq: 18 Apr 2022 16:21

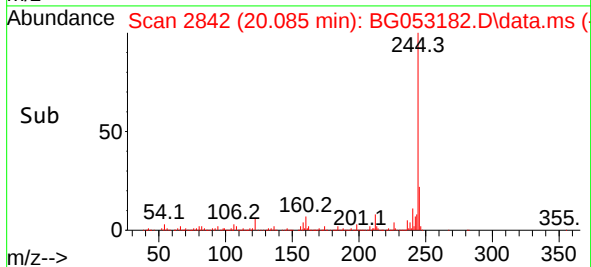
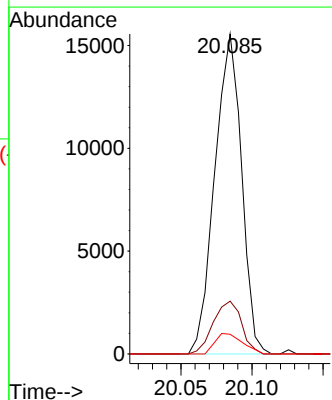
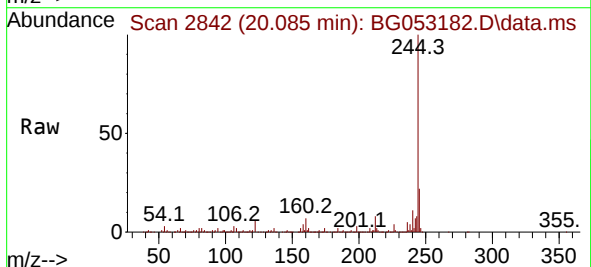
Instrument :
BNA_G
ClientSampleId :
SB-6

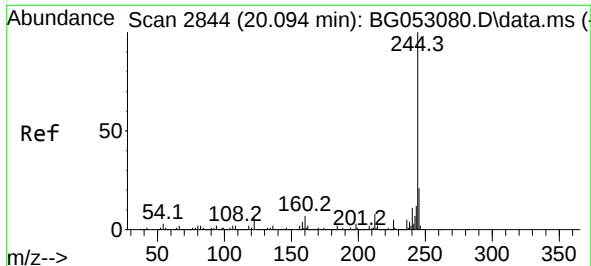
Tgt Ion:240 Resp: 259662
Ion Ratio Lower Upper
240 100
120 6.3 5.4 8.0
236 25.4 19.8 29.6



#77
Benzidine
Concen: 2.745 ng
RT: 20.085 min Scan# 2842
Delta R.T. 0.372 min
Lab File: BG053182.D
Acq: 18 Apr 2022 16:21

Tgt Ion:184 Resp: 20339
Ion Ratio Lower Upper
184 100
185 16.5 11.5 17.3
183 6.2 9.4 14.2#

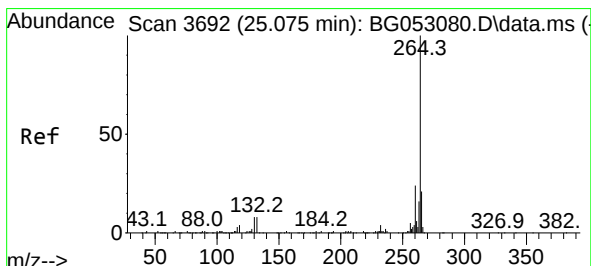
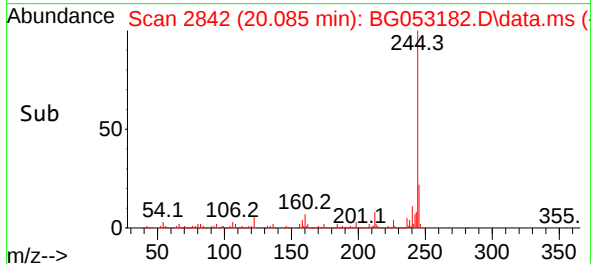
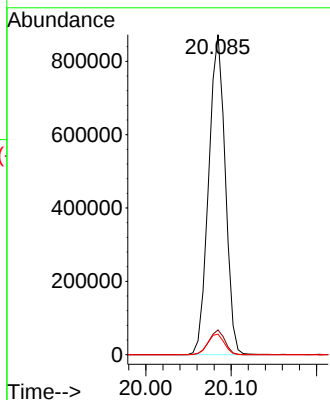
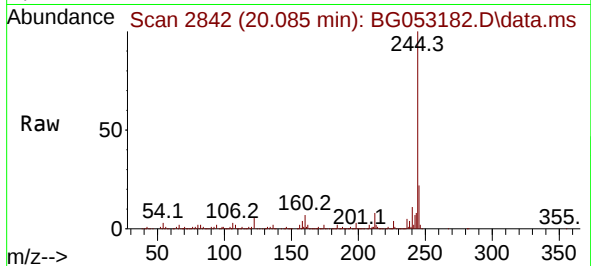




#79
 Terphenyl-d14
 Concen: 76.601 ng
 RT: 20.085 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BG053182.D
 Acq: 18 Apr 2022 16:21

Instrument :
 BNA_G
 ClientSampleId :
 SB-6

Tgt Ion:244 Resp: 1177711
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.4 8.2
 122 6.4 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.060 min Scan# 3689
 Delta R.T. -0.015 min
 Lab File: BG053182.D
 Acq: 18 Apr 2022 16:21

Tgt Ion:264 Resp: 265473
 Ion Ratio Lower Upper
 264 100
 260 25.1 18.2 27.2
 265 22.4 15.1 22.7

