

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041222\
 Data File : BG053126.D
 Acq On : 12 Apr 2022 19:15
 Operator : CG/JU
 Sample : N2334-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-25

Quant Time: Apr 13 06:14:08 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)

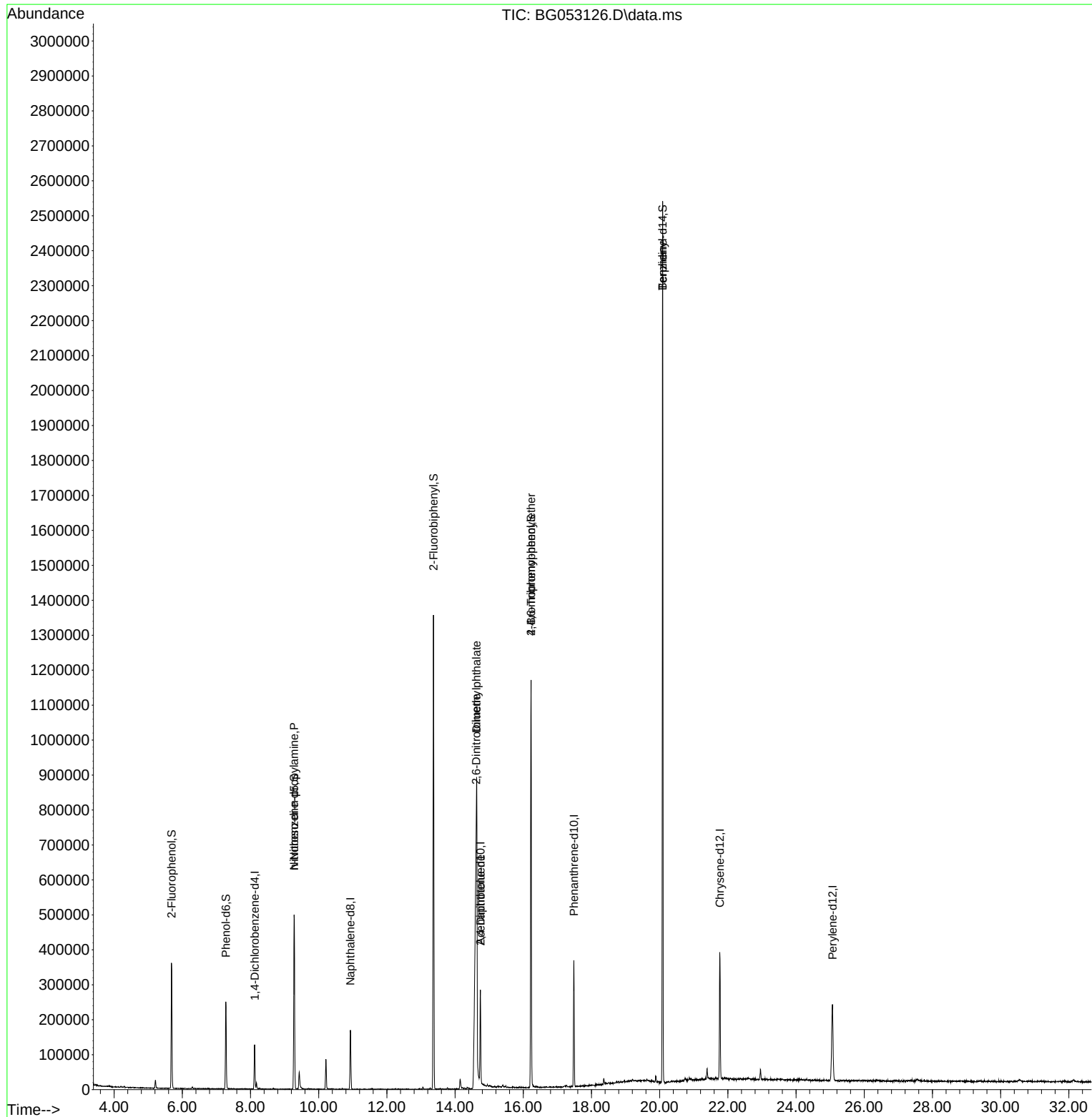
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.122	152	34151	20.000	ng	0.00
21) Naphthalene-d8	10.930	136	137876	20.000	ng	0.00
39) Acenaphthene-d10	14.743	164	94802	20.000	ng	0.00
64) Phenanthrene-d10	17.486	188	225806	20.000	ng	0.00
76) Chrysene-d12	21.763	240	234059	20.000	ng	-0.01
86) Perylene-d12	25.070	264	241158	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.684	112	146213	73.390	ng	0.00
7) Phenol-d6	7.276	99	139979	45.562	ng	0.00
23) Nitrobenzene-d5	9.280	82	318685	93.850	ng	0.00
42) 2,4,6-Tribromophenol	16.229	330	233960	155.119	ng	0.00
45) 2-Fluorobiphenyl	13.368	172	709991	103.269	ng	0.00
79) Terphenyl-d14	20.089	244	1240600	89.518	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.280	70	46349	20.607	ng	Qvalue # 74
50) Dimethylphthalate	14.631	163	1000195	131.906	ng	# 95
51) 2,6-Dinitrotoluene	14.619	165	10473	6.621	ng	# 1
57) 2,4-Dinitrotoluene	14.743	165	12965	5.757	ng	# 28
67) 4-Bromophenyl-phenylether	16.229	248	15996	5.529	ng	# 1
77) Benzidine	20.089	184	21334	3.195	ng	# 88

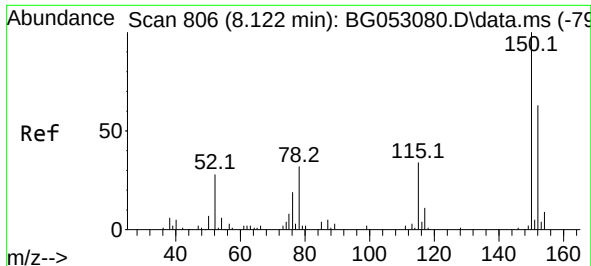
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041222\
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Quant Time: Apr 13 06:14:08 2022
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 08 15:31:24 2022
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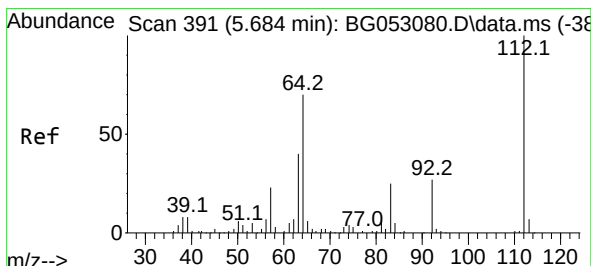
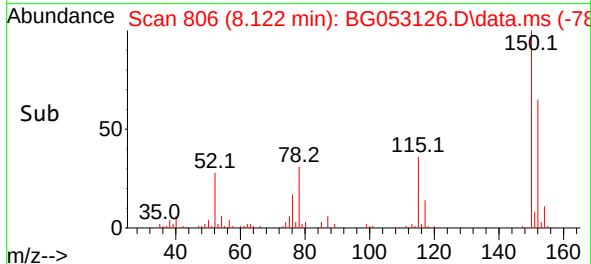
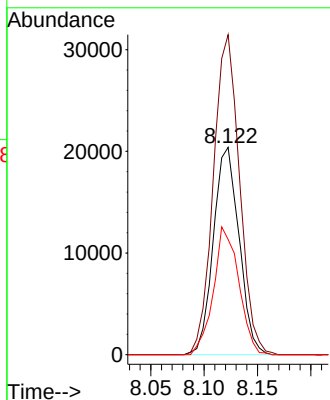
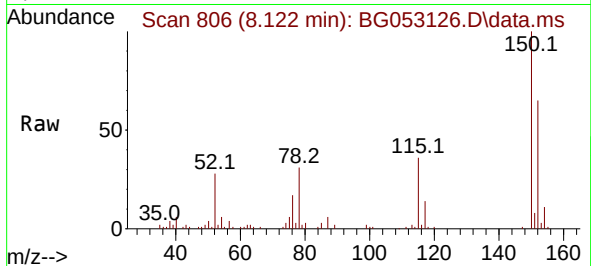




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.122 min Scan# 806
Delta R.T. 0.000 min
Lab File: BG053126.D
Acq: 12 Apr 2022 19:15

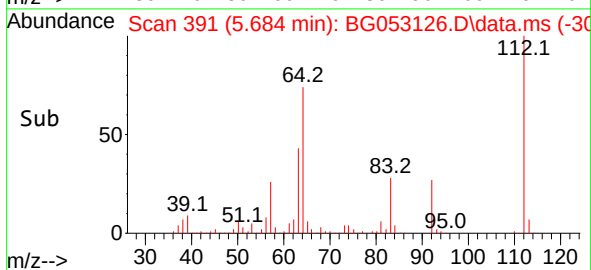
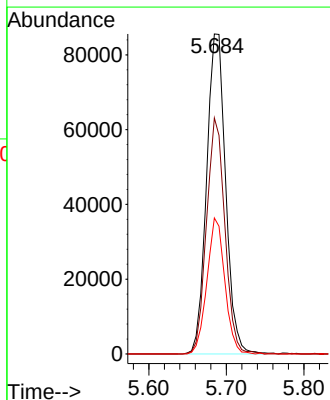
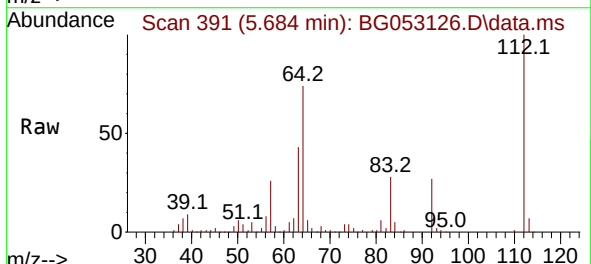
Instrument :
BNA_G
ClientSampleId :
MW-25

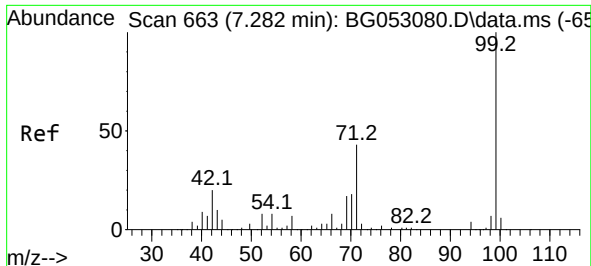
Tgt Ion:152 Resp: 34151
Ion Ratio Lower Upper
152 100
150 154.4 114.6 172.0
115 55.6 45.9 68.9



#5
2-Fluorophenol
Concen: 73.390 ng
RT: 5.684 min Scan# 391
Delta R.T. 0.000 min
Lab File: BG053126.D
Acq: 12 Apr 2022 19:15

Tgt Ion:112 Resp: 146213
Ion Ratio Lower Upper
112 100
64 73.7 48.0 72.0#
63 42.5 26.5 39.7#

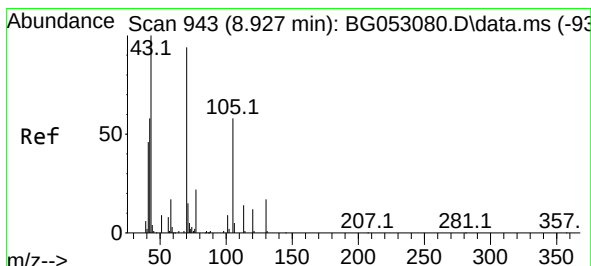
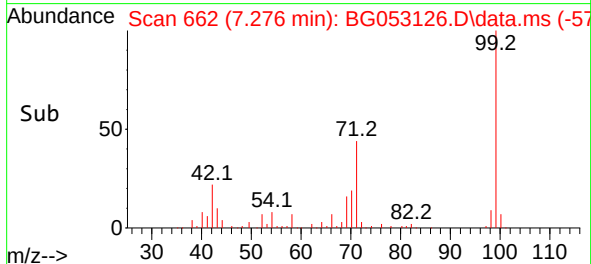
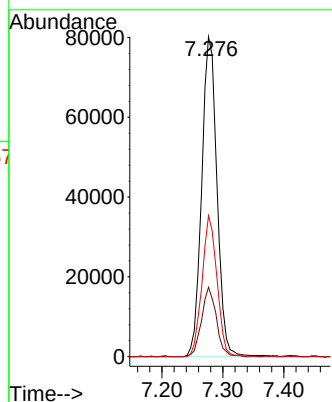
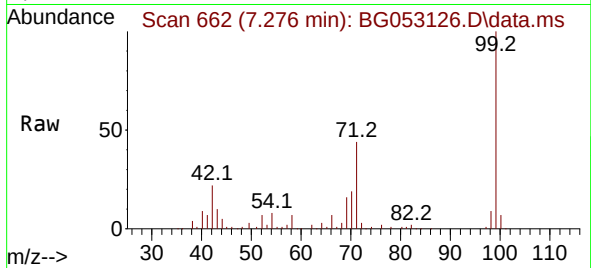




#7
Phenol-d6
Concen: 45.562 ng
RT: 7.276 min Scan# 60
Delta R.T. -0.005 min
Lab File: BG053126.D
Acq: 12 Apr 2022 19:15

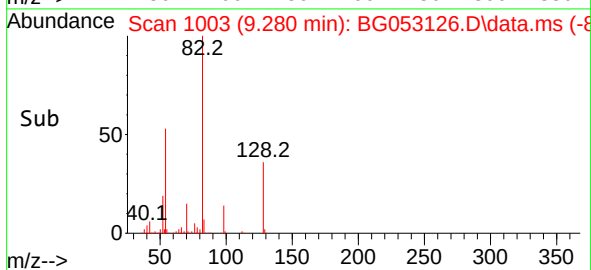
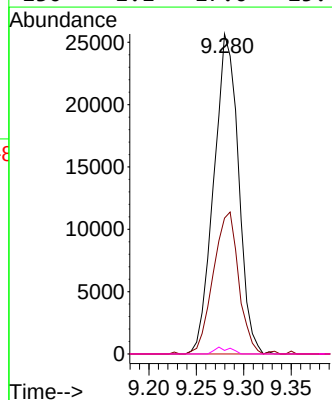
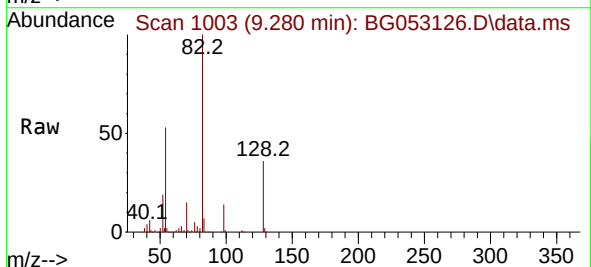
Instrument :
BNA_G
ClientSampleId :
MW-25

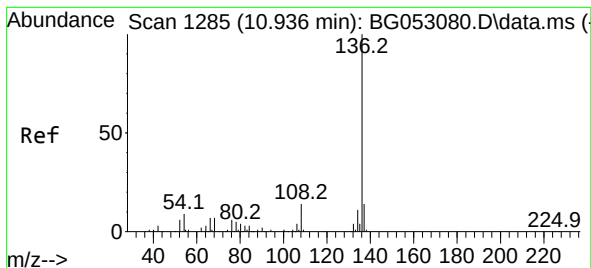
Tgt Ion: 99 Resp: 139979
Ion Ratio Lower Upper
99 100
42 21.7 14.7 22.1
71 44.0 29.2 43.8#



#19
n-Nitroso-di-n-propylamine
Concen: 20.607 ng
RT: 9.280 min Scan# 1003
Delta R.T. 0.353 min
Lab File: BG053126.D
Acq: 12 Apr 2022 19:15

Tgt Ion: 70 Resp: 46349
Ion Ratio Lower Upper
70 100
42 42.4 46.0 69.0#
101 0.0 6.2 9.4#
130 1.1 17.0 25.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.930 min Scan# 1003

Delta R.T. -0.006 min

Lab File: BG053126.D

Acq: 12 Apr 2022 19:15

Instrument :

BNA_G

ClientSampleId :

MW-25

Tgt Ion:136 Resp: 137876

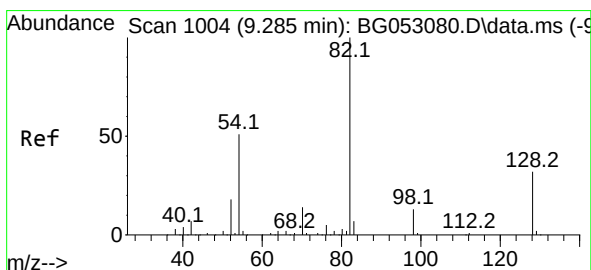
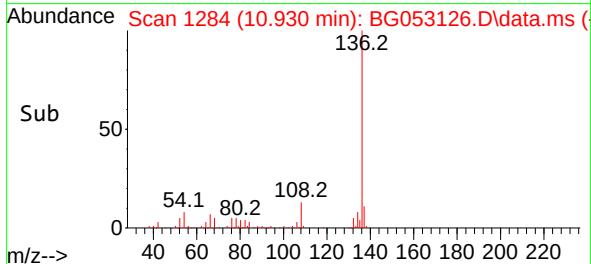
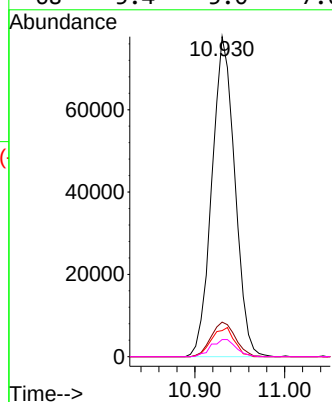
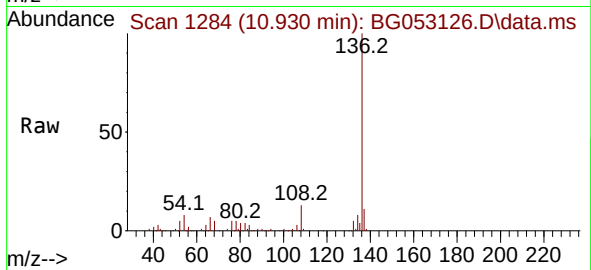
Ion Ratio Lower Upper

136 100

137 10.8 9.4 14.2

54 8.1 6.4 9.6

68 5.4 5.0 7.6



#23

Nitrobenzene-d5

Concen: 93.850 ng

RT: 9.280 min Scan# 1003

Delta R.T. -0.005 min

Lab File: BG053126.D

Acq: 12 Apr 2022 19:15

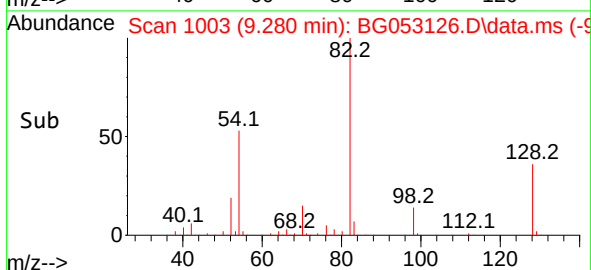
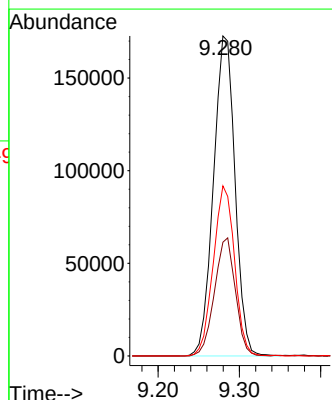
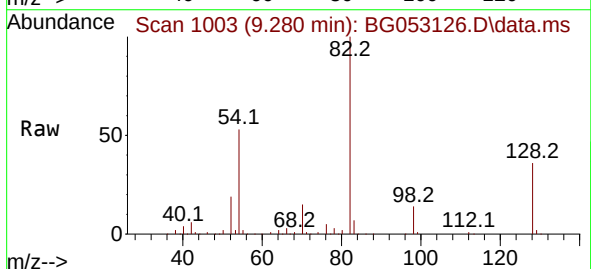
Tgt Ion: 82 Resp: 318685

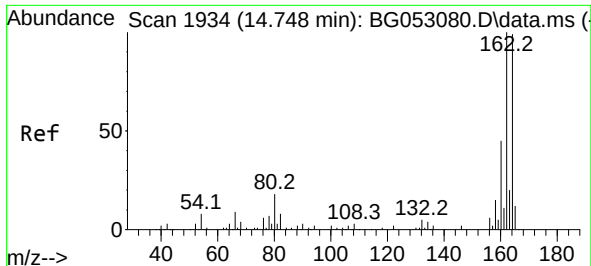
Ion Ratio Lower Upper

82 100

128 35.6 31.3 46.9

54 53.1 37.8 56.8

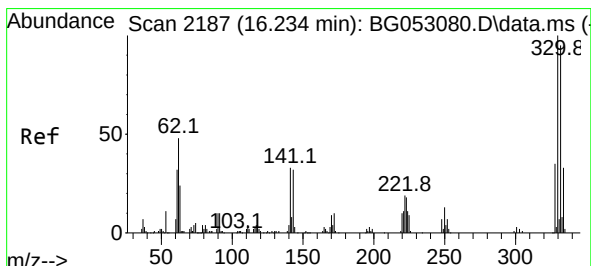
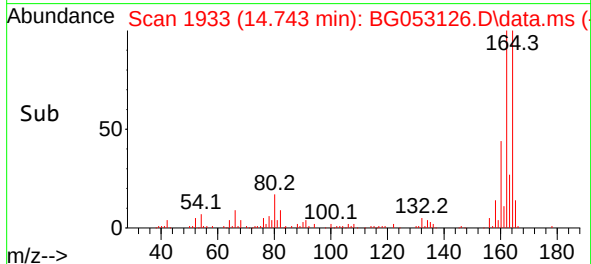
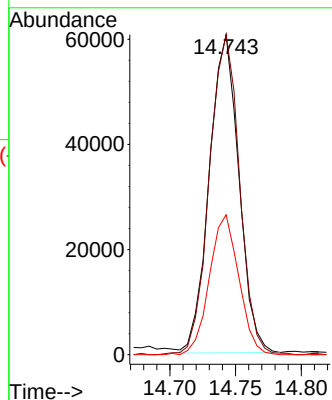
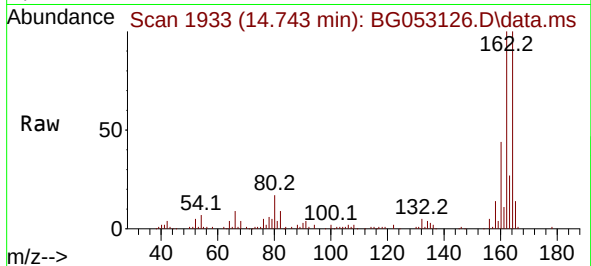




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.743 min Scan# 1934
Delta R.T. -0.005 min
Lab File: BG053126.D
Acq: 12 Apr 2022 19:15

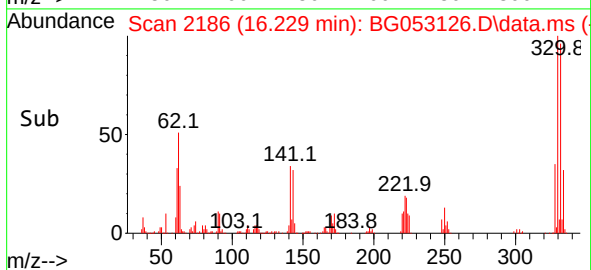
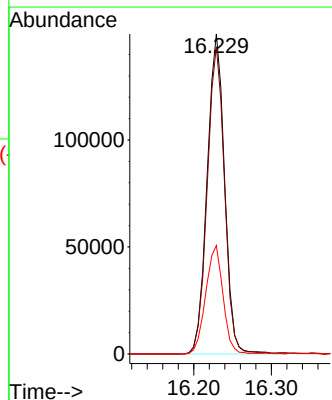
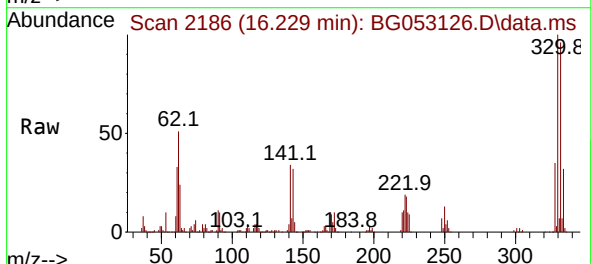
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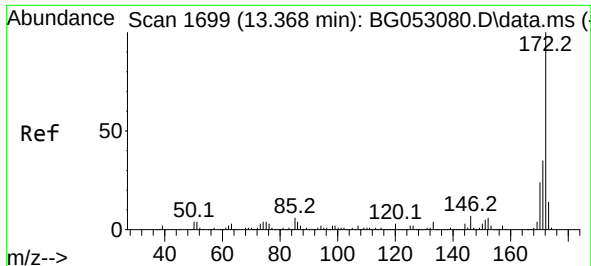
Tgt Ion:164 Resp: 94802
Ion Ratio Lower Upper
164 100
162 100.1 80.0 120.0
160 43.7 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 155.119 ng
RT: 16.229 min Scan# 2186
Delta R.T. -0.005 min
Lab File: BG053126.D
Acq: 12 Apr 2022 19:15

Tgt Ion:330 Resp: 233960
Ion Ratio Lower Upper
330 100
332 95.2 75.8 113.6
141 33.6 24.6 36.8

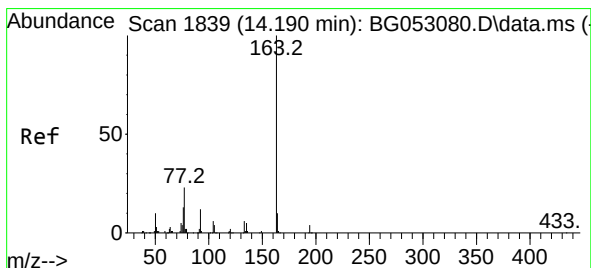
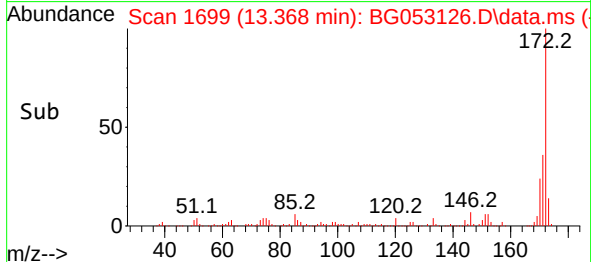
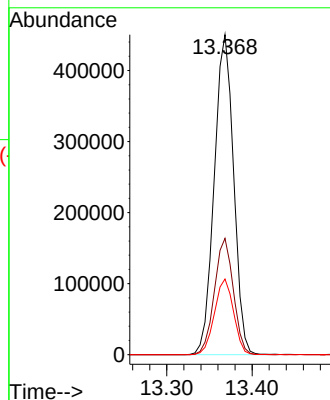
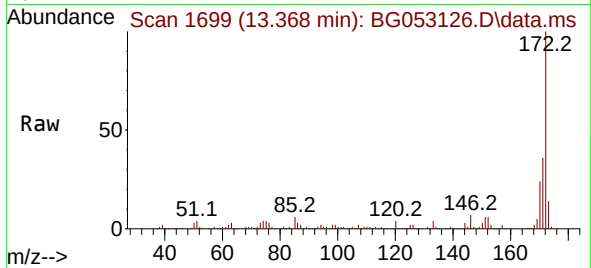




#45
2-Fluorobiphenyl
Concen: 103.269 ng
RT: 13.368 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG053126.D
Acq: 12 Apr 2022 19:15

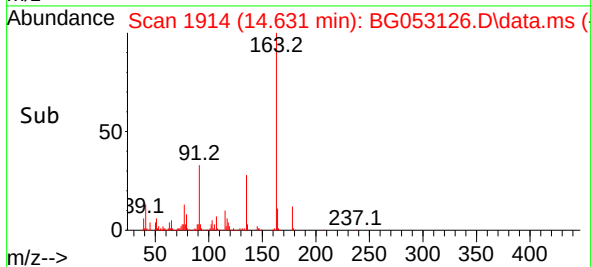
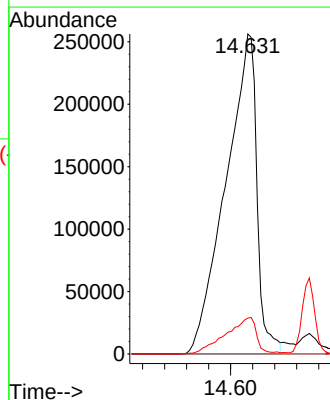
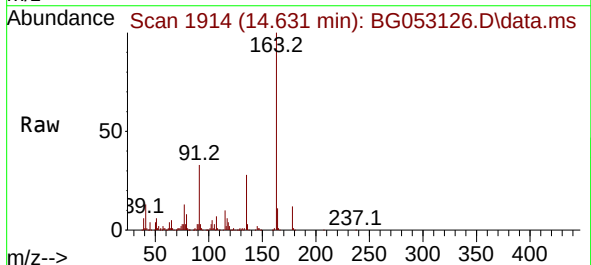
Instrument :
BNA_G
ClientSampleId :
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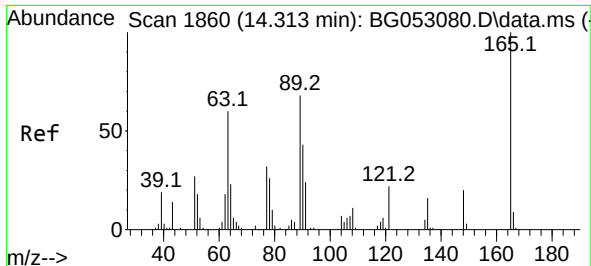
Tgt Ion:172 Resp: 709991
Ion Ratio Lower Upper
172 100
171 36.4 28.3 42.5
170 23.7 18.0 27.0



#50
Dimethylphthalate
Concen: 131.906 ng
RT: 14.631 min Scan# 1914
Delta R.T. 0.441 min
Lab File: BG053126.D
Acq: 12 Apr 2022 19:15

Tgt Ion:163 Resp: 1000195
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 11.2 8.5 12.7

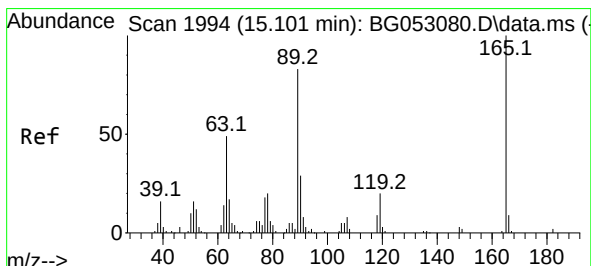
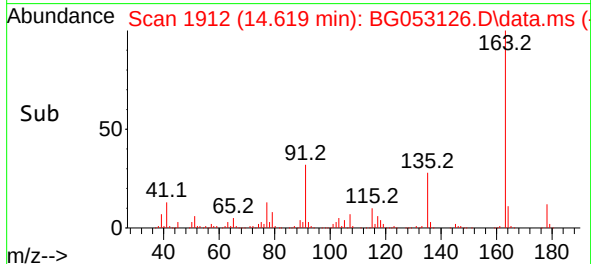
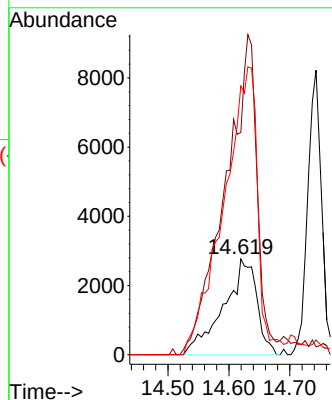
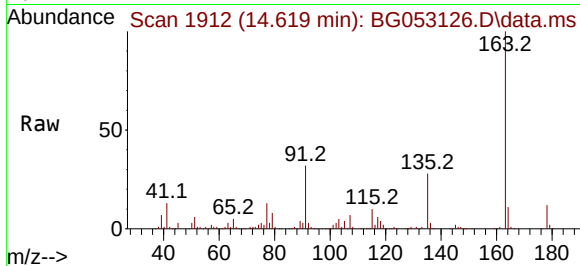




#51
2,6-Dinitrotoluene
Concen: 6.621 ng
RT: 14.619 min Scan# 1912
Delta R.T. 0.306 min
Lab File: BG053126.D
Acq: 12 Apr 2022 19:15

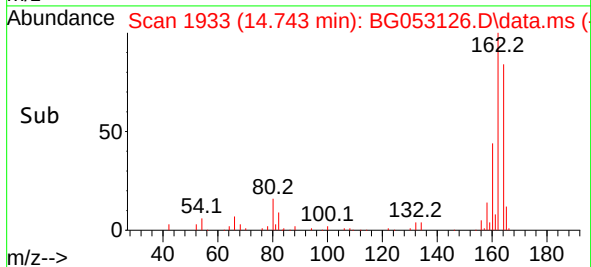
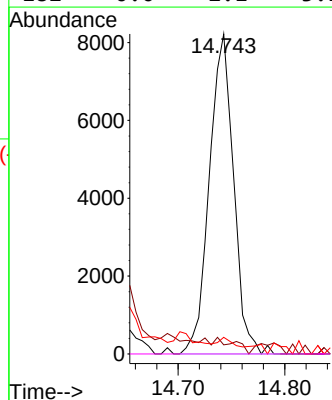
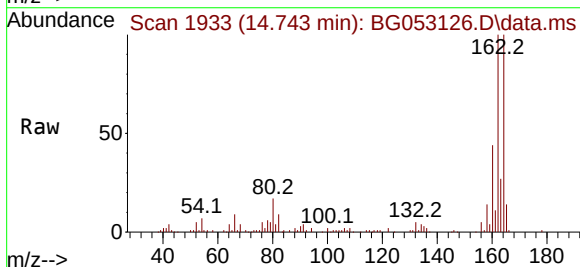
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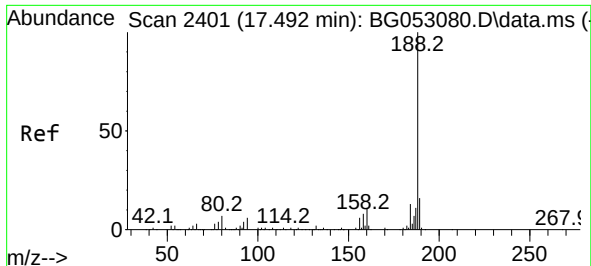
Tgt Ion:165 Resp: 10473
Ion Ratio Lower Upper
165 100
63 232.4 43.7 65.5#
89 280.9 45.0 67.4#



#57
2,4-Dinitrotoluene
Concen: 5.757 ng
RT: 14.743 min Scan# 1933
Delta R.T. -0.358 min
Lab File: BG053126.D
Acq: 12 Apr 2022 19:15

Tgt Ion:165 Resp: 12965
Ion Ratio Lower Upper
165 100
63 2.8 34.8 52.2#
89 5.2 57.4 86.0#
182 0.0 2.1 3.1#

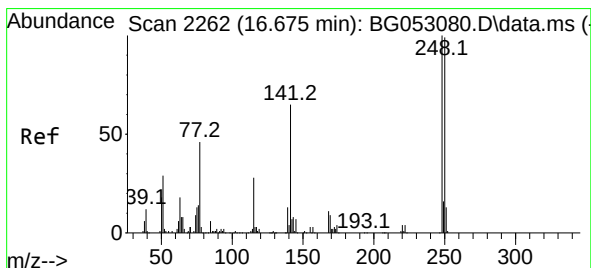
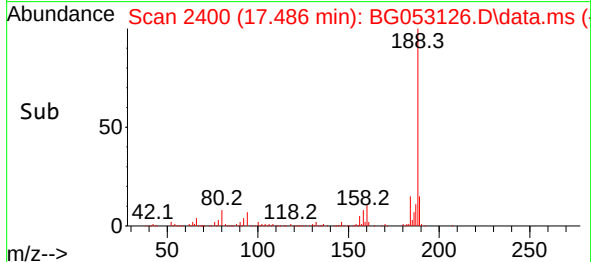
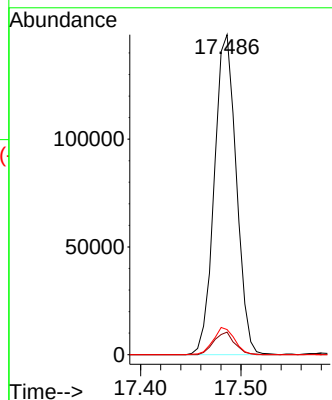
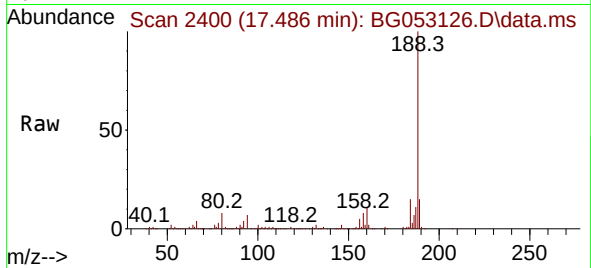




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.486 min Scan# 2401
Delta R.T. -0.005 min
Lab File: BG053126.D
Acq: 12 Apr 2022 19:15

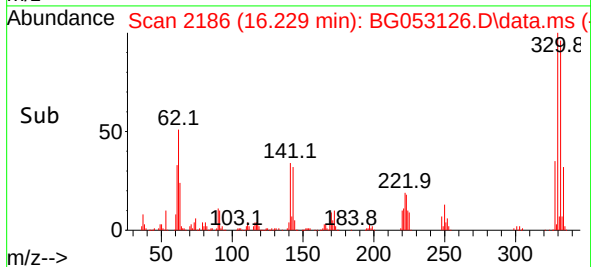
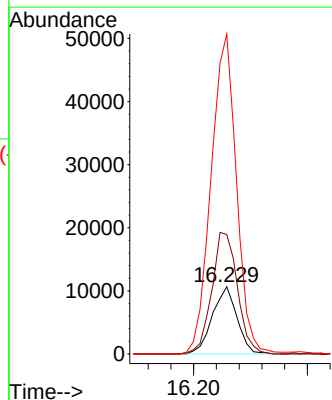
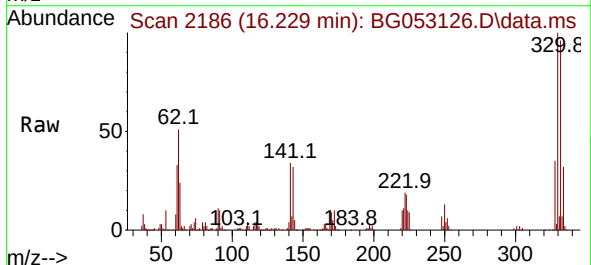
Instrument :
BNA_G
ClientSampleId :
MW-25

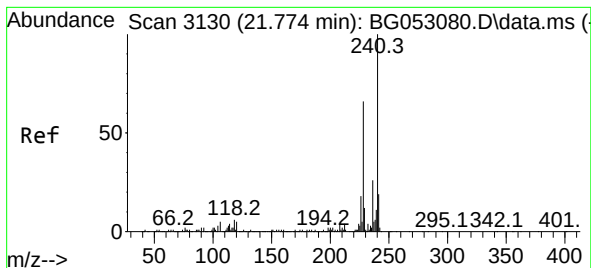
Tgt Ion:188 Resp: 225806
Ion Ratio Lower Upper
188 100
94 7.1 5.7 8.5
80 7.9 7.2 10.8



#67
4-Bromophenyl-phenylether
Concen: 5.529 ng
RT: 16.229 min Scan# 2186
Delta R.T. -0.446 min
Lab File: BG053126.D
Acq: 12 Apr 2022 19:15

Tgt Ion:248 Resp: 15996
Ion Ratio Lower Upper
248 100
250 177.8 77.9 116.9#
141 476.4 49.2 73.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.763 min Scan# 31

Delta R.T. -0.011 min

Lab File: BG053126.D

Acq: 12 Apr 2022 19:15

Instrument :

BNA_G

ClientSampleId :

MW-25

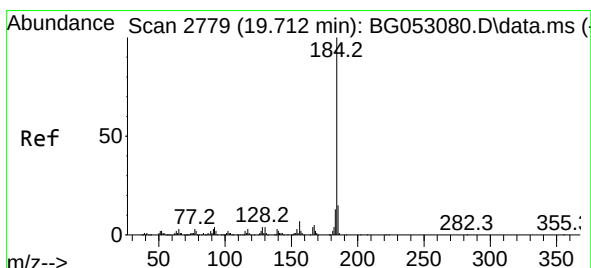
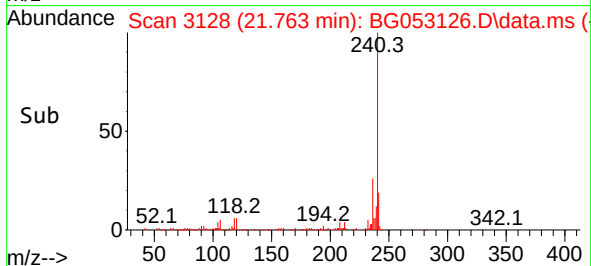
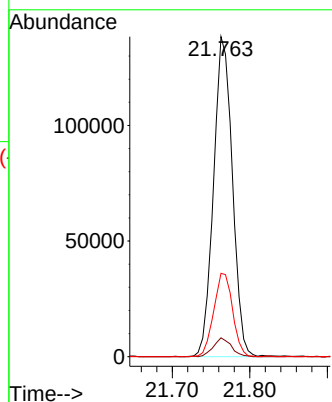
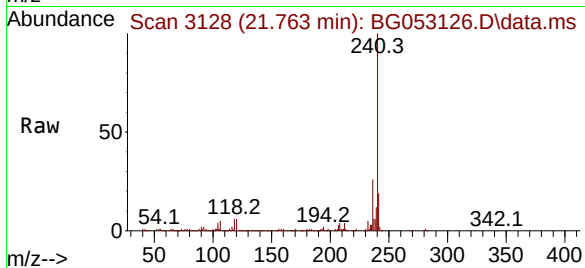
Tgt Ion:240 Resp: 234059

Ion Ratio Lower Upper

240 100

120 5.9 5.4 8.0

236 26.0 19.8 29.6



#77

Benzidine

Concen: 3.195 ng

RT: 20.089 min Scan# 2843

Delta R.T. 0.376 min

Lab File: BG053126.D

Acq: 12 Apr 2022 19:15

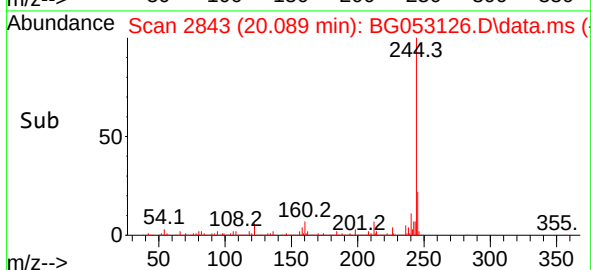
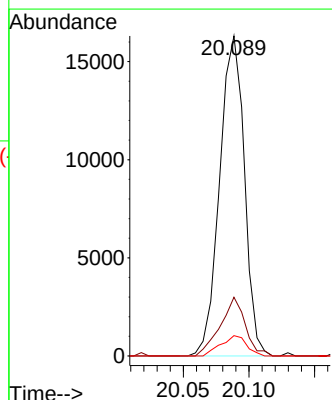
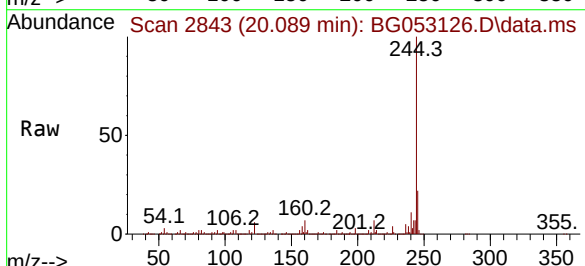
Tgt Ion:184 Resp: 21334

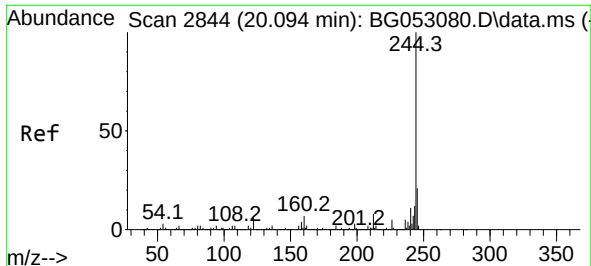
Ion Ratio Lower Upper

184 100

185 18.3 11.5 17.3#

183 6.4 9.4 14.2#

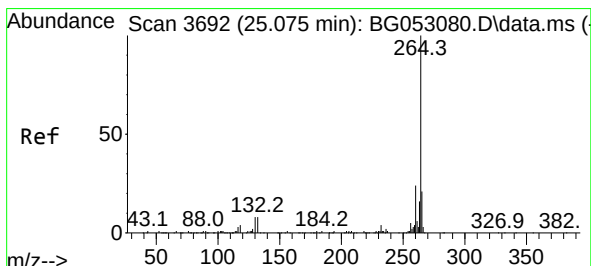
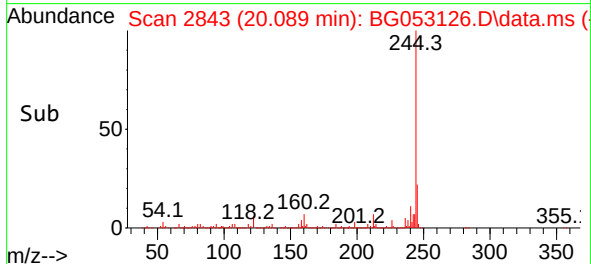
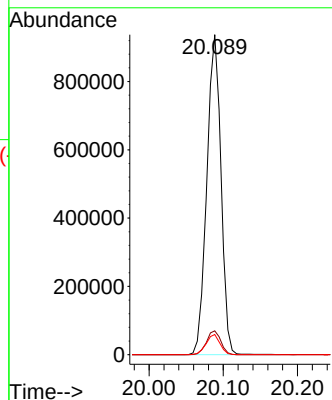
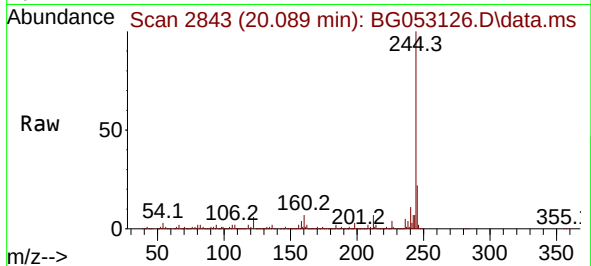




#79
 Terphenyl-d14
 Concen: 89.518 ng
 RT: 20.089 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG053126.D
 Acq: 12 Apr 2022 19:15

Instrument :
 BNA_G
 ClientSampleId :
 MW-25

Tgt Ion:244 Resp: 1240600
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.4 8.2
 122 6.3 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.070 min Scan# 3691
 Delta R.T. -0.005 min
 Lab File: BG053126.D
 Acq: 12 Apr 2022 19:15

Tgt Ion:264 Resp: 241158
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.2 27.2
 265 20.3 15.1 22.7

