

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062722\
 Data File : BG054101.D
 Acq On : 27 Jun 2022 21:06
 Operator : CG/JU
 Sample : N3494-12
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-EXC-1-5

Quant Time: Jun 28 04:58:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 00:27:54 2022
 Response via : Initial Calibration

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

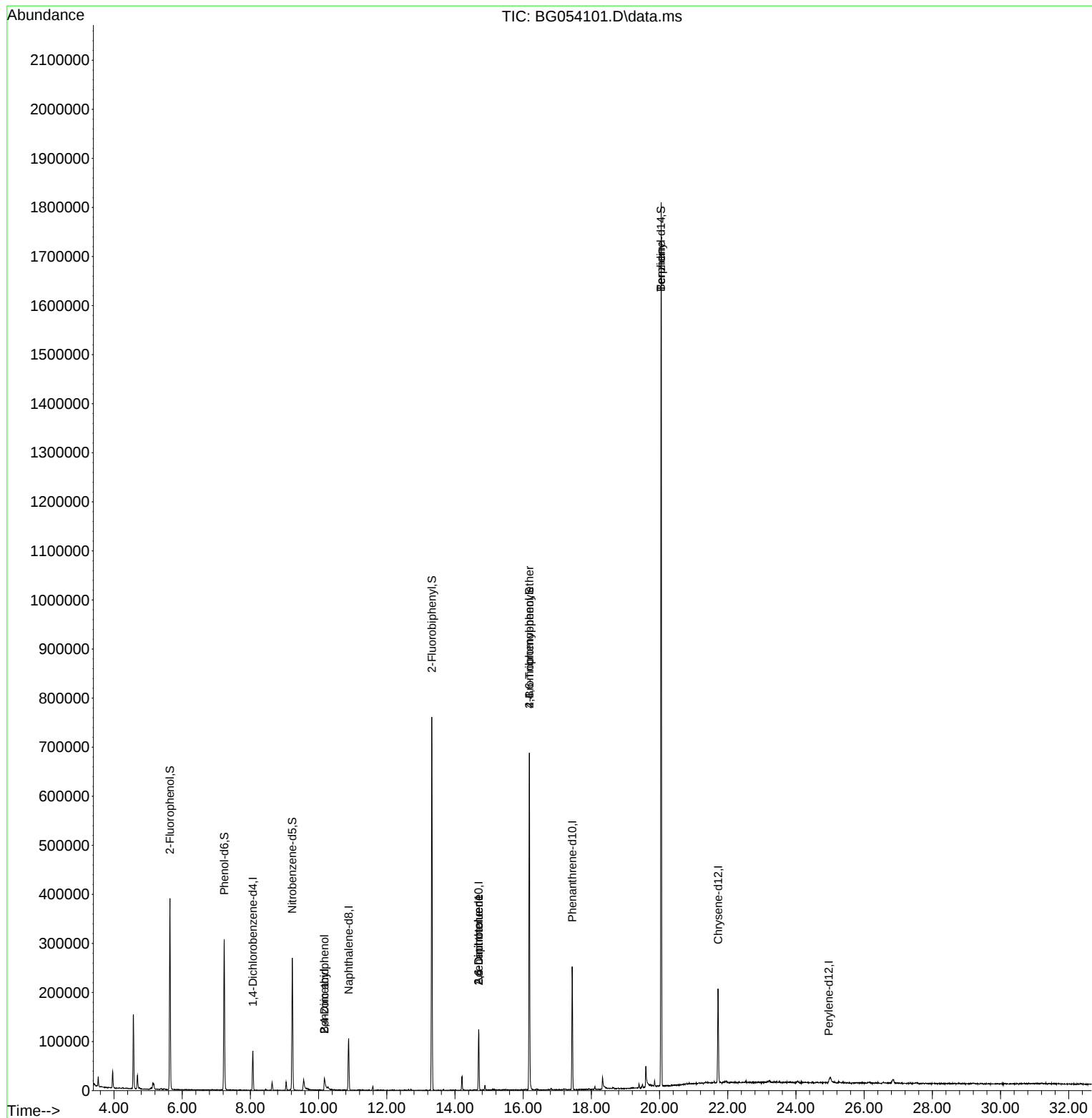
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.073	152	24182	20.000	ng	0.00
21) Naphthalene-d8	10.881	136	95461	20.000	ng	0.00
39) Acenaphthene-d10	14.694	164	42024	20.000	ng	0.00
64) Phenanthrene-d10	17.438	188	165552	20.000	ng	0.00
76) Chrysene-d12	21.716	240	96190	20.000	ng	0.00
86) Perylene-d12	24.965	264	2190	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.640	112	179218	141.696	ng	0.00
7) Phenol-d6	7.233	99	167827	97.812	ng	0.00
23) Nitrobenzene-d5	9.230	82	166983	98.300	ng	0.00
42) 2,4,6-Tribromophenol	16.181	330	153125	226.788	ng	0.00
45) 2-Fluorobiphenyl	13.320	172	433574	150.027	ng	0.00
79) Terphenyl-d14	20.047	244	951534	199.238	ng	0.00
Target Compounds						
						Qvalue
27) 2,4-Dimethylphenol	10.170	122	14782	12.361	ng	# 1
32) Benzoic acid	10.170	122	14782	32.987	ng	# 80
51) 2,6-Dinitrotoluene	14.694	165	5425	8.390	ng	# 16
57) 2,4-Dinitrotoluene	14.694	165	5425	5.940	ng	# 21
67) 4-Bromophenyl-phenylether	16.181	248	10527	5.091	ng	# 1
77) Benzidine	20.047	184	13363	6.708	ng	96

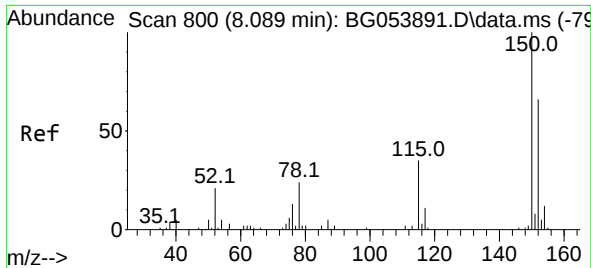
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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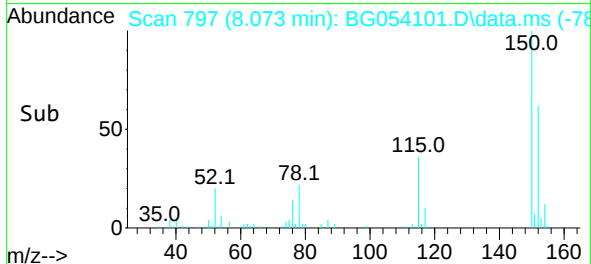
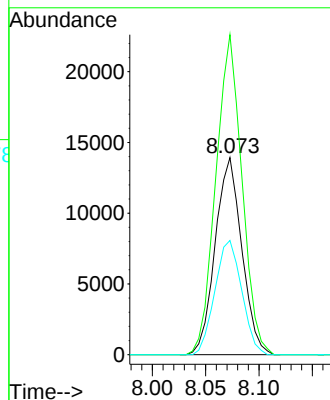
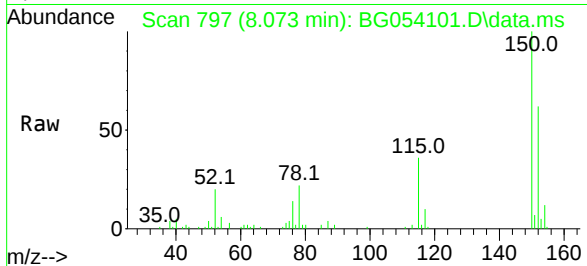




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.073 min Scan# 79
Delta R.T. 0.003 min
Lab File: BG054101.D
Acq: 27 Jun 2022 21:06

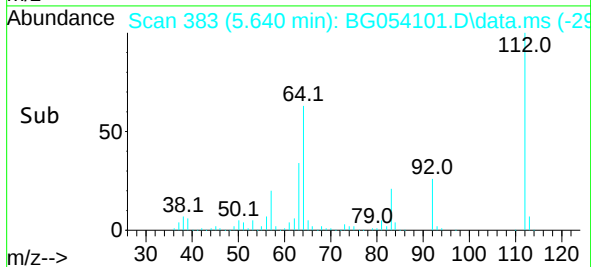
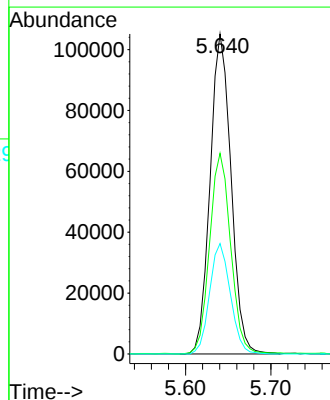
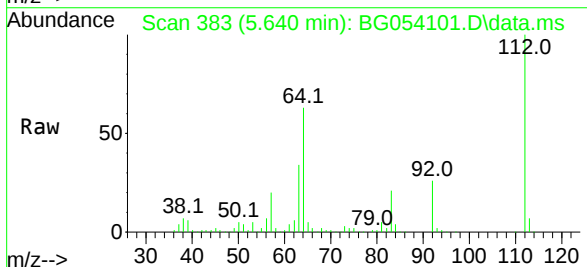
Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-5

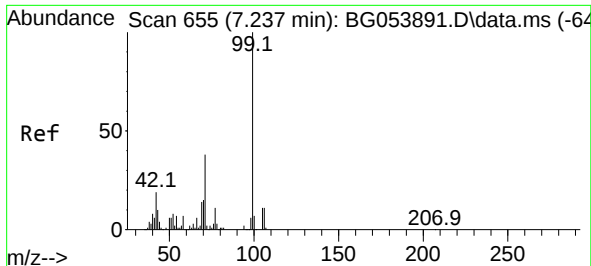
Tgt Ion:152 Resp: 24182
Ion Ratio Lower Upper
152 100
150 162.3 131.6 197.4
115 58.0 50.9 76.3



#5
2-Fluorophenol
Concen: 141.696 ng
RT: 5.640 min Scan# 383
Delta R.T. 0.002 min
Lab File: BG054101.D
Acq: 27 Jun 2022 21:06

Tgt Ion:112 Resp: 179218
Ion Ratio Lower Upper
112 100
64 62.7 55.1 82.7
63 34.5 30.4 45.6

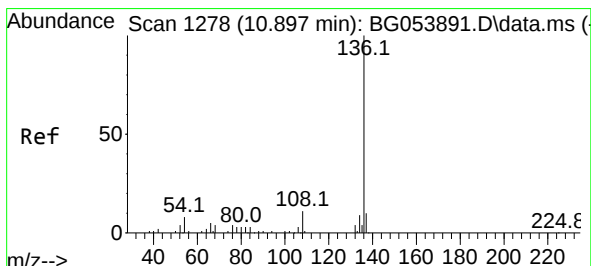
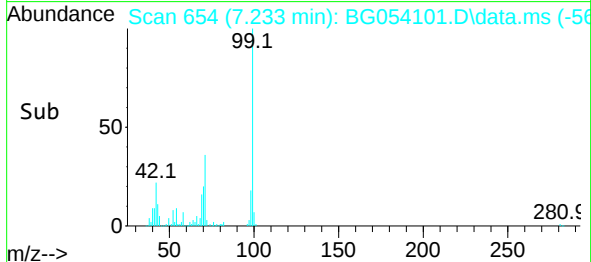
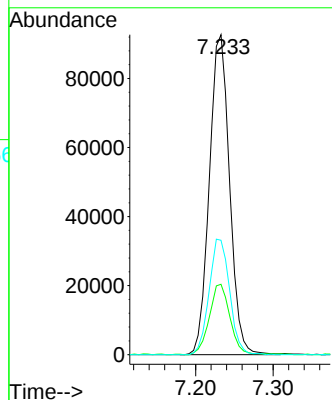
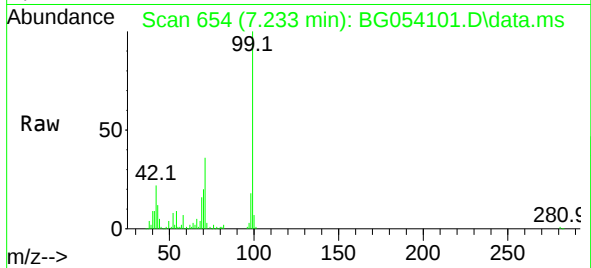




#7
Phenol-d6
Concen: 97.812 ng
RT: 7.233 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG054101.D
Acq: 27 Jun 2022 21:06

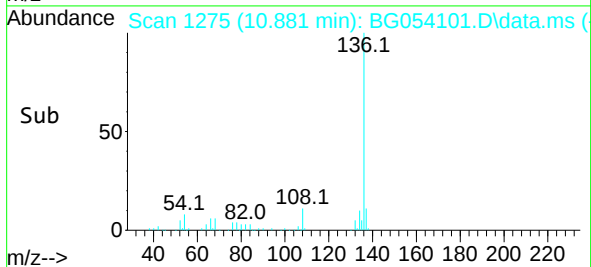
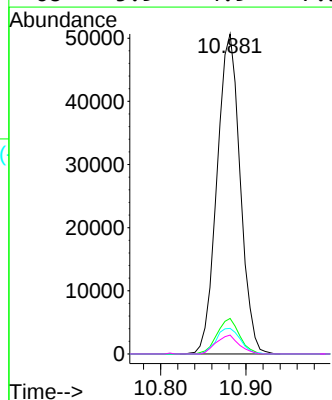
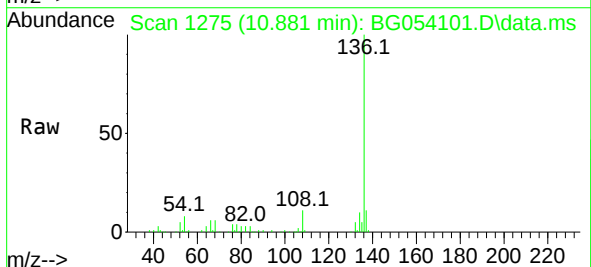
Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-5

Tgt Ion: 99 Resp: 167827
Ion Ratio Lower Upper
99 100
42 22.0 17.0 25.6
71 35.8 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.881 min Scan# 1275
Delta R.T. 0.002 min
Lab File: BG054101.D
Acq: 27 Jun 2022 21:06

Tgt Ion: 136 Resp: 95461
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 8.0 7.4 11.2
68 5.9 4.9 7.3

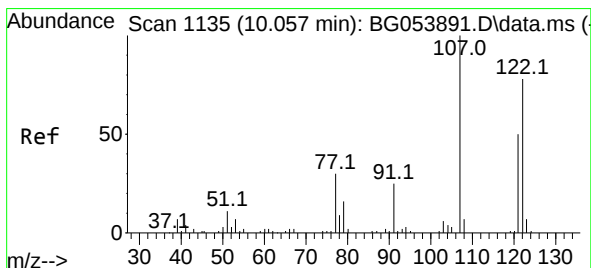
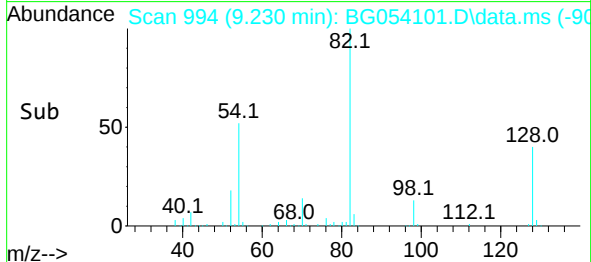
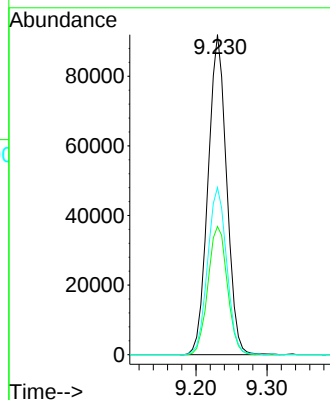
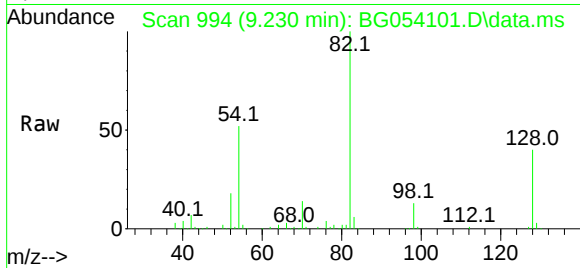




#23
Nitrobenzene-d5
Concen: 98.300 ng
RT: 9.230 min Scan# 91
Delta R.T. -0.003 min
Lab File: BG054101.D
Acq: 27 Jun 2022 21:06

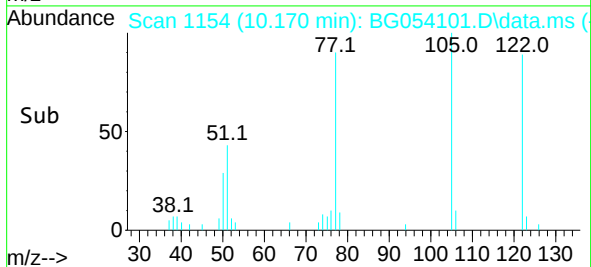
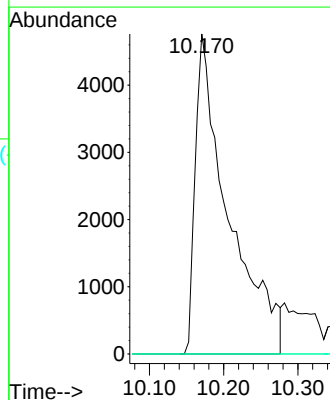
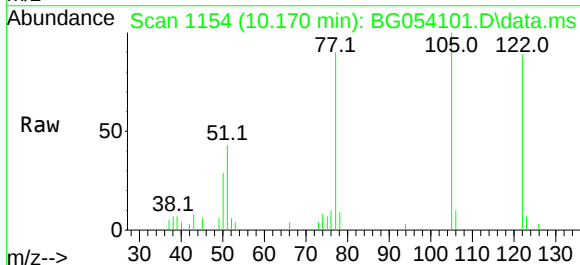
Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-5

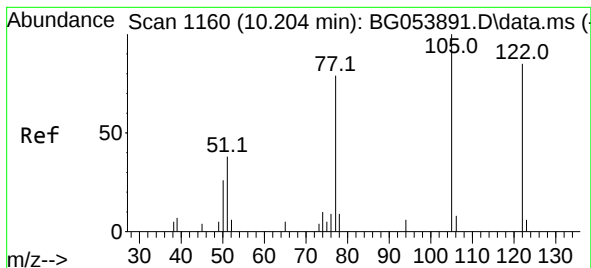
Tgt Ion: 82 Resp: 166983
Ion Ratio Lower Upper
82 100
128 40.0 27.9 41.9
54 52.2 41.2 61.8



#27
2,4-Dimethylphenol
Concen: 12.361 ng
RT: 10.170 min Scan# 1154
Delta R.T. 0.126 min
Lab File: BG054101.D
Acq: 27 Jun 2022 21:06

Tgt Ion: 122 Resp: 14782
Ion Ratio Lower Upper
122 100
107 0.0 109.4 164.0#
121 0.0 48.7 73.1#





#32

Benzoic acid

Concen: 32.987 ng

RT: 10.170 min Scan# 1160

Delta R.T. -0.027 min

Lab File: BG054101.D

Acq: 27 Jun 2022 21:06

Instrument :

BNA_G

ClientSampleId :

SP-EXC-1-5

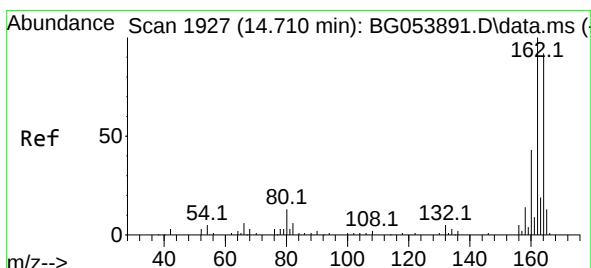
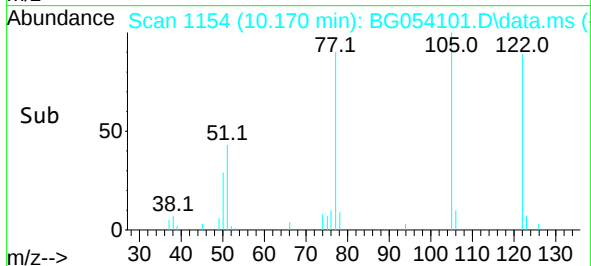
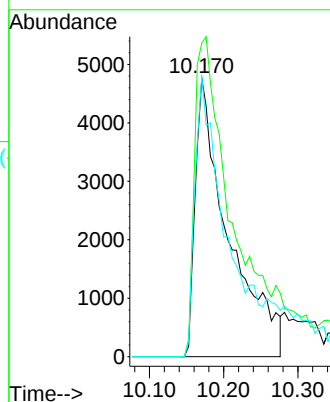
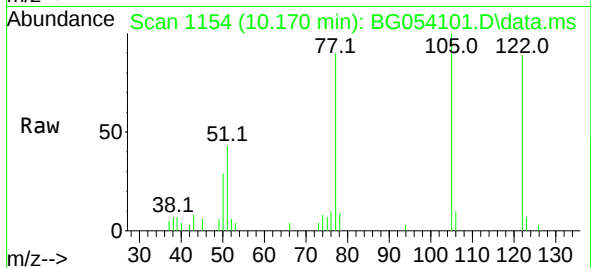
Tgt Ion:122 Resp: 14782

Ion Ratio Lower Upper

122 100

105 112.7 111.8 151.8

77 101.1 109.4 149.4#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.694 min Scan# 1924

Delta R.T. -0.003 min

Lab File: BG054101.D

Acq: 27 Jun 2022 21:06

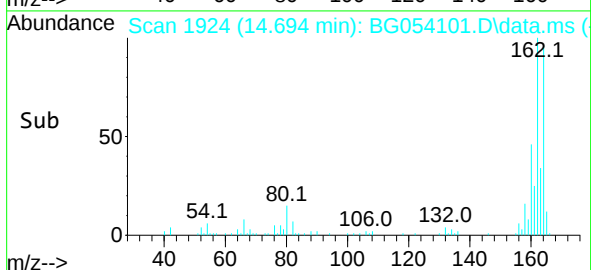
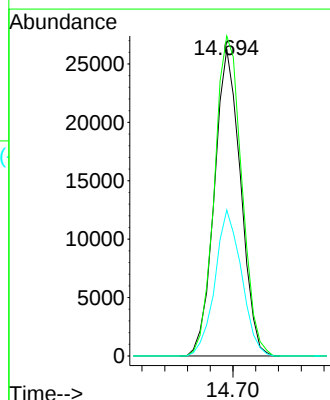
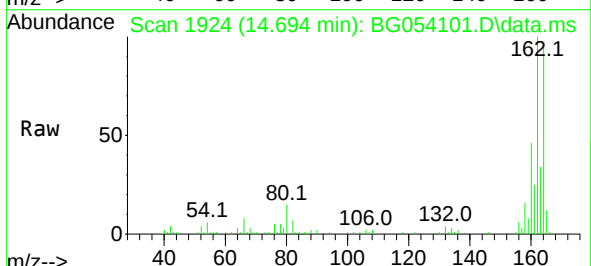
Tgt Ion:164 Resp: 42024

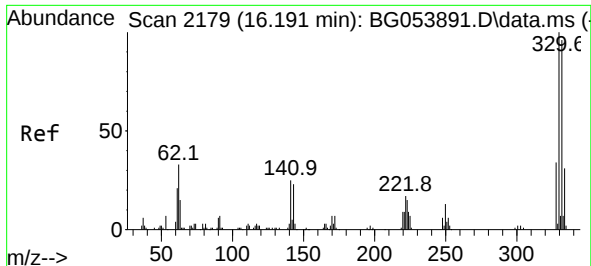
Ion Ratio Lower Upper

164 100

162 104.4 82.3 123.5

160 47.6 34.2 51.2

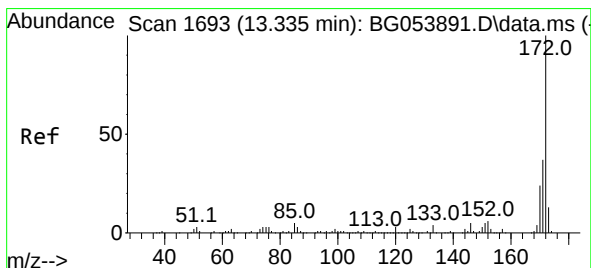
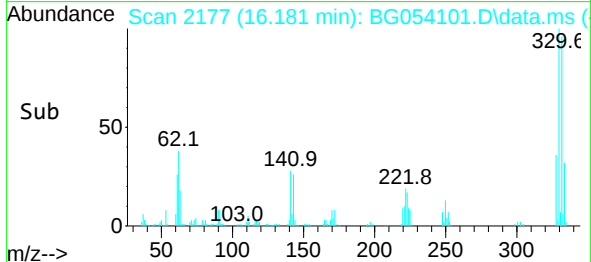
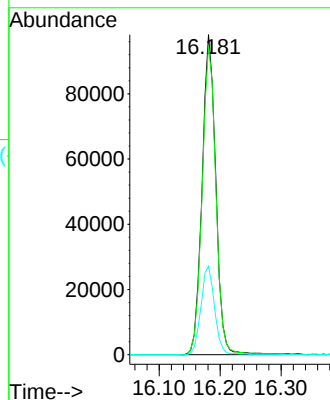
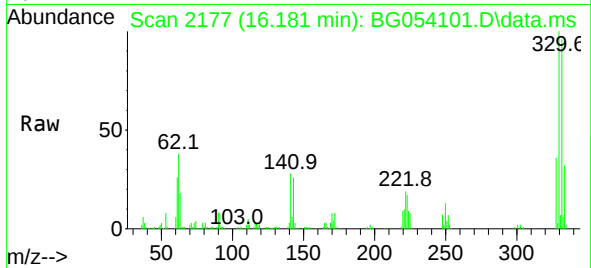




#42
2,4,6-Tribromophenol
Concen: 226.788 ng
RT: 16.181 min Scan# 2179
Delta R.T. -0.003 min
Lab File: BG054101.D
Acq: 27 Jun 2022 21:06

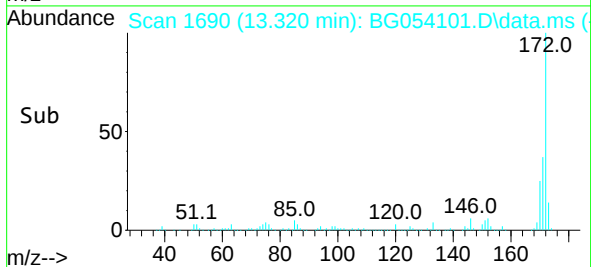
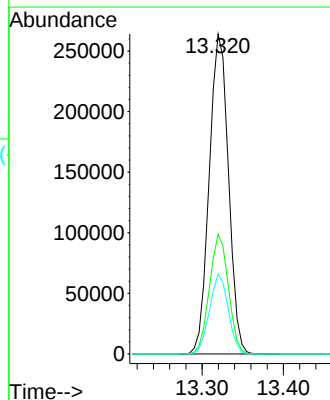
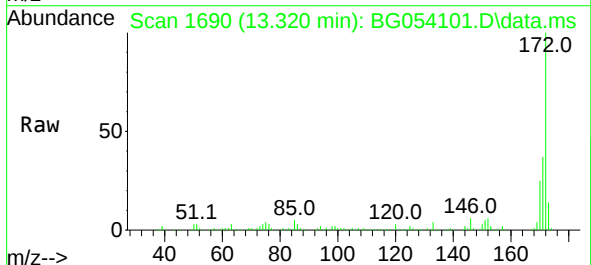
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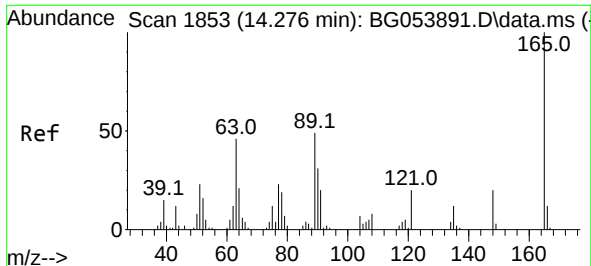
Tgt Ion:330 Resp: 153125
Ion Ratio Lower Upper
330 100
332 96.8 76.0 114.0
141 27.7 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 150.027 ng
RT: 13.320 min Scan# 1690
Delta R.T. -0.003 min
Lab File: BG054101.D
Acq: 27 Jun 2022 21:06

Tgt Ion:172 Resp: 433574
Ion Ratio Lower Upper
172 100
171 37.5 28.5 42.7
170 25.0 18.9 28.3

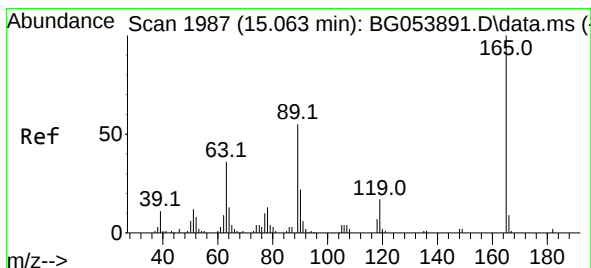
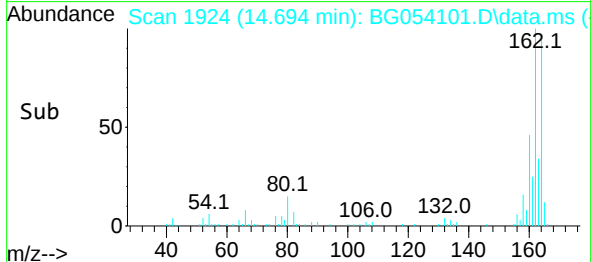
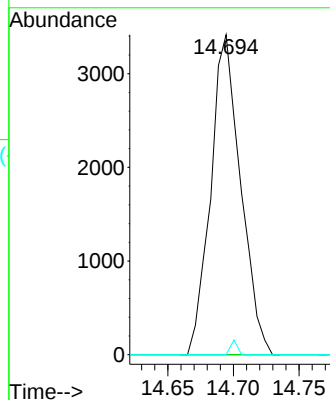
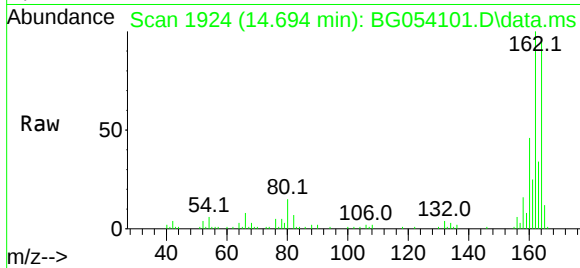




#51
2,6-Dinitrotoluene
Concen: 8.390 ng
RT: 14.694 min Scan# 1924
Delta R.T. 0.431 min
Lab File: BG054101.D
Acq: 27 Jun 2022 21:06

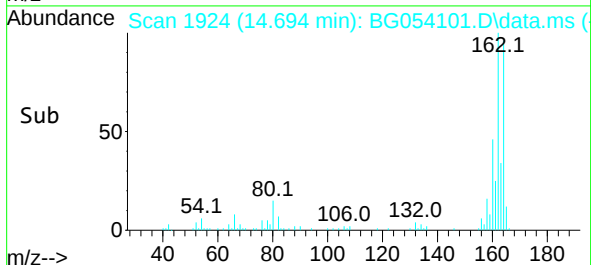
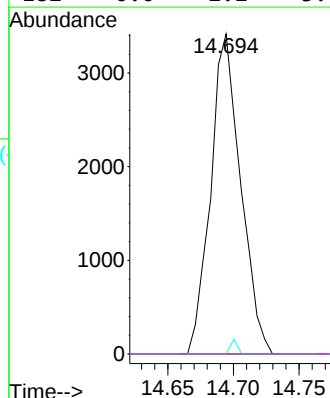
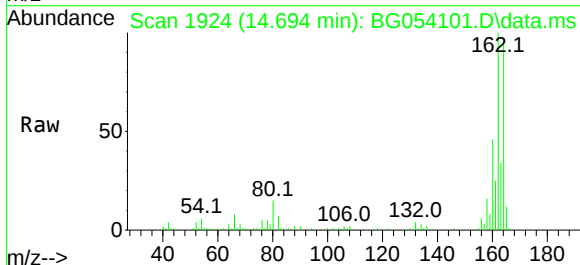
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SP-EXC-1-5

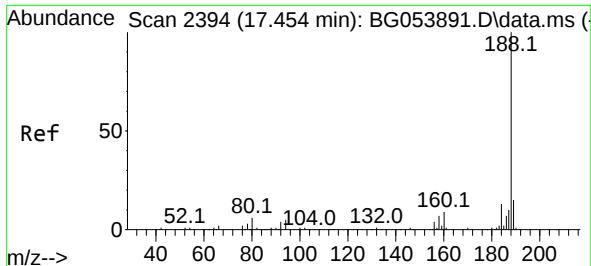
Tgt Ion:165 Resp: 5425
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#



#57
2,4-Dinitrotoluene
Concen: 5.940 ng
RT: 14.694 min Scan# 1924
Delta R.T. -0.356 min
Lab File: BG054101.D
Acq: 27 Jun 2022 21:06

Tgt Ion:165 Resp: 5425
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#

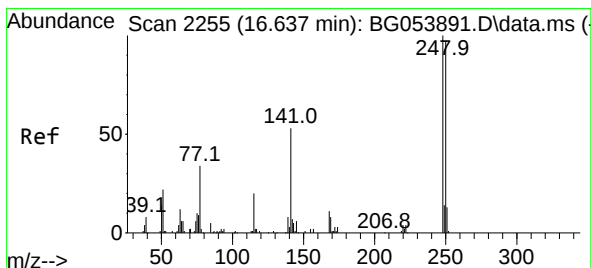
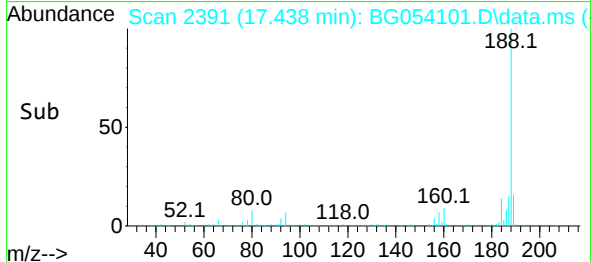
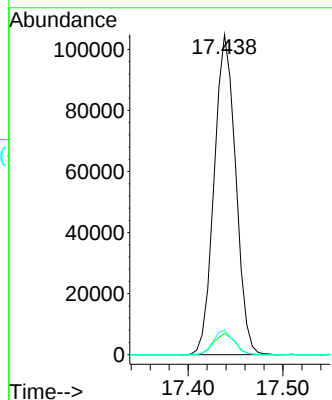
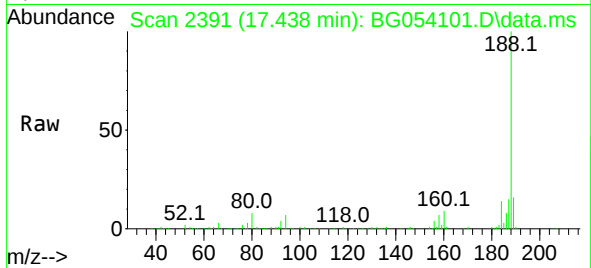




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.438 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG054101.D
Acq: 27 Jun 2022 21:06

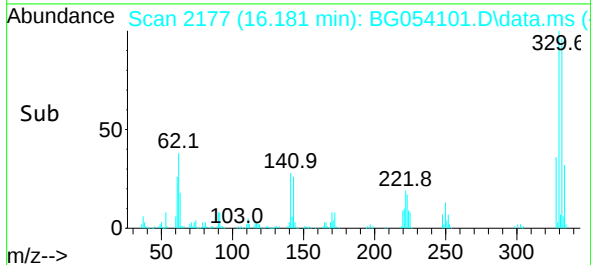
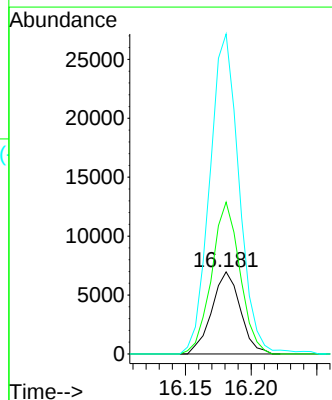
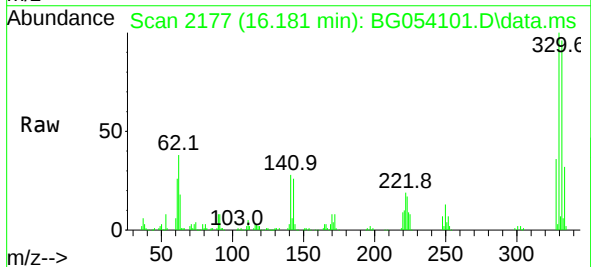
Instrument :
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SP-EXC-1-5

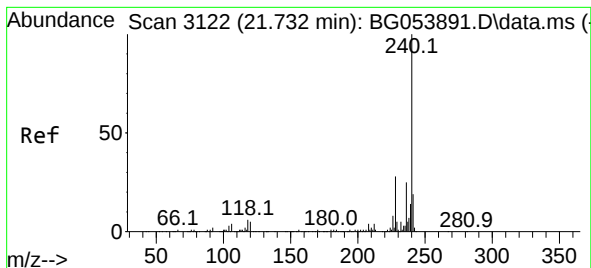
Tgt Ion:188 Resp: 165552
Ion Ratio Lower Upper
188 100
94 6.7 5.4 8.0
80 7.7 6.8 10.2



#67
4-Bromophenyl-phenylether
Concen: 5.091 ng
RT: 16.181 min Scan# 2177
Delta R.T. -0.444 min
Lab File: BG054101.D
Acq: 27 Jun 2022 21:06

Tgt Ion:248 Resp: 10527
Ion Ratio Lower Upper
248 100
250 191.7 75.2 112.8#
141 308.7 50.0 75.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.716 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG054101.D

Acq: 27 Jun 2022 21:06

Instrument :

BNA_G

ClientSampleId :

SP-EXC-1-5

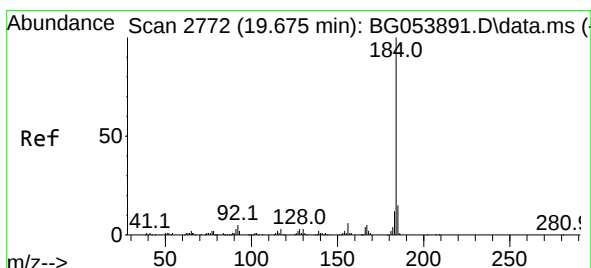
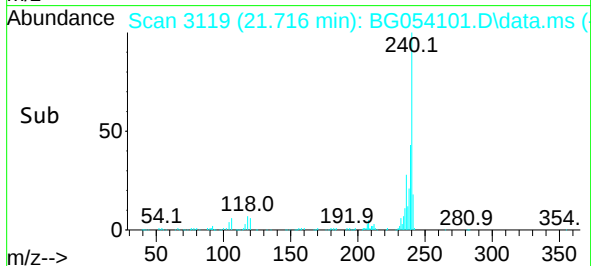
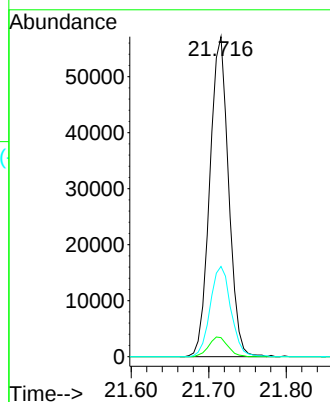
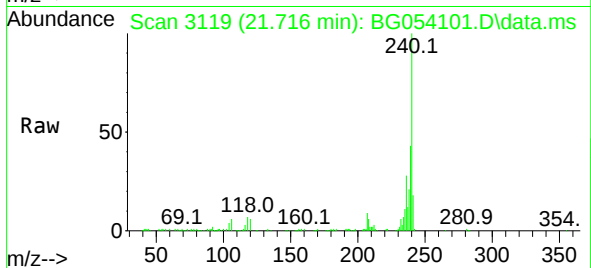
Tgt Ion:240 Resp: 96190

Ion Ratio Lower Upper

240 100

120 6.0 4.6 7.0

236 28.2 20.2 30.4



#77

Benzdine

Concen: 6.708 ng

RT: 20.047 min Scan# 2835

Delta R.T. 0.384 min

Lab File: BG054101.D

Acq: 27 Jun 2022 21:06

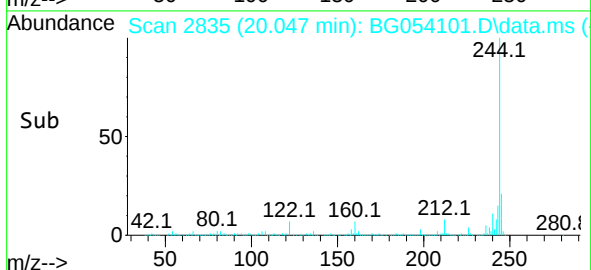
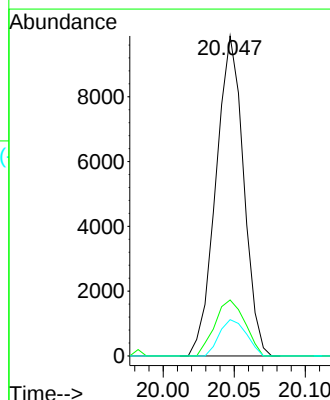
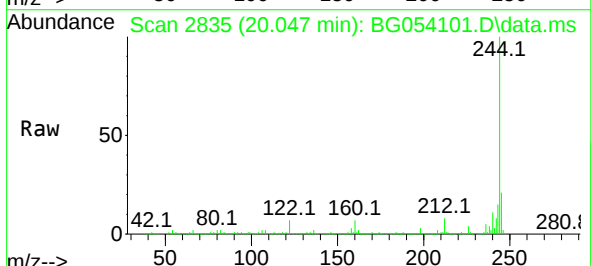
Tgt Ion:184 Resp: 13363

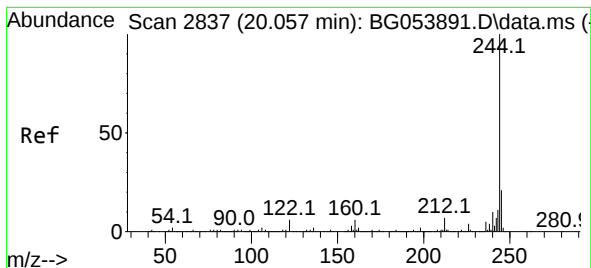
Ion Ratio Lower Upper

184 100

185 17.5 11.8 17.6

183 11.3 8.9 13.3





#79

Terphenyl-d14

Concen: 199.238 ng

RT: 20.047 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG054101.D

Acq: 27 Jun 2022 21:06

Instrument :

BNA_G

ClientSampleId :

SP-EXC-1-5

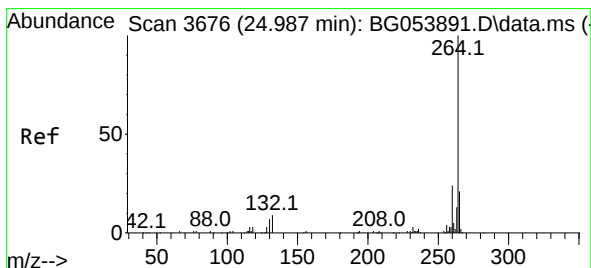
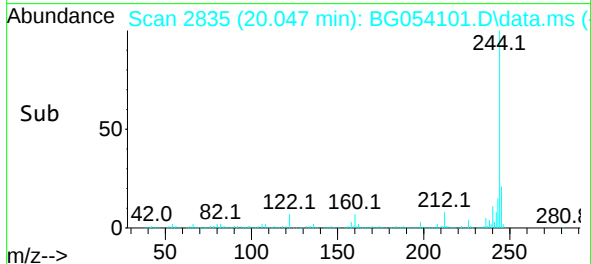
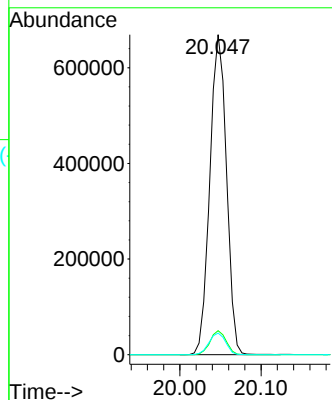
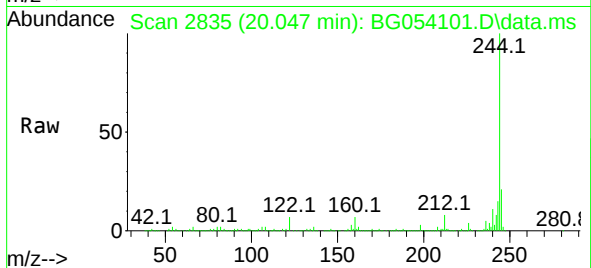
Tgt Ion:244 Resp: 951534

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

122 6.7 5.0 7.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.965 min Scan# 3672

Delta R.T. 0.002 min

Lab File: BG054101.D

Acq: 27 Jun 2022 21:06

Tgt Ion:264 Resp: 2190

Ion Ratio Lower Upper

264 100

260 74.1 19.0 28.6#

265 36.4 17.4 26.2#

