

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052022\
 Data File : BG053652.D
 Acq On : 20 May 2022 20:23
 Operator : CG/JU
 Sample : N2865-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P018-SS001-0612-01

Quant Time: May 23 01:34:44 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 20 03:55:28 2022
 Response via : Initial Calibration

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

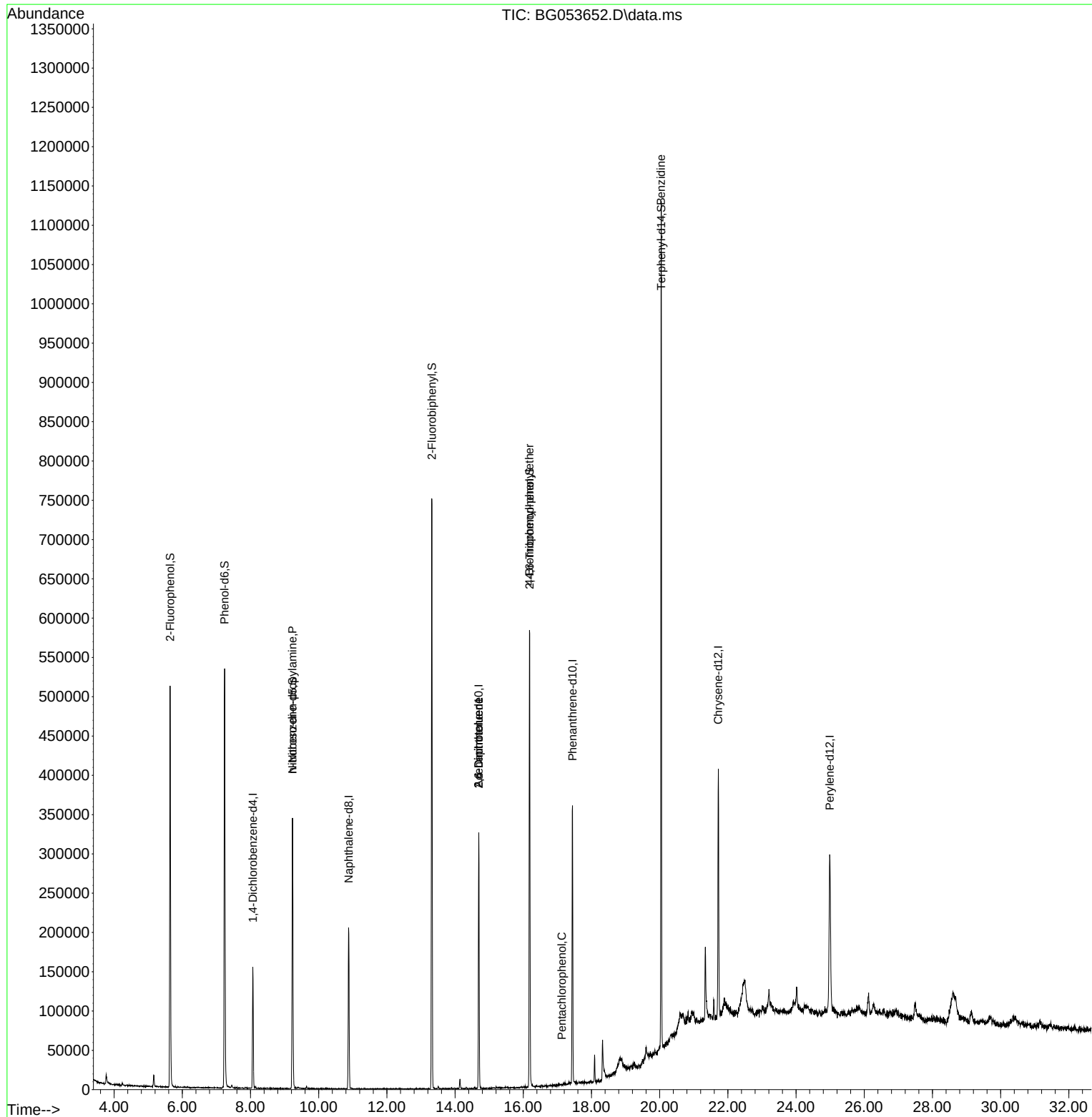
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.069	152	42191	20.000	ng	0.00
21) Naphthalene-d8	10.877	136	172401	20.000	ng	0.00
39) Acenaphthene-d10	14.695	164	113623	20.000	ng	0.00
64) Phenanthrene-d10	17.445	188	226060	20.000	ng	0.00
76) Chrysene-d12	21.721	240	194898	20.000	ng	#-0.01
86) Perylene-d12	24.987	264	196158	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.643	112	215481	86.677	ng	0.00
7) Phenol-d6	7.241	99	322818	85.562	ng	0.00
23) Nitrobenzene-d5	9.232	82	220988	54.565	ng	0.00
42) 2,4,6-Tribromophenol	16.187	330	120075	71.652	ng	0.00
45) 2-Fluorobiphenyl	13.321	172	403001	51.829	ng	0.00
79) Terphenyl-d14	20.047	244	542147	51.808	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.232	70	31652	11.693	ng	# 75
51) 2,6-Dinitrotoluene	14.695	165	14422	8.199	ng	# 19
57) 2,4-Dinitrotoluene	14.695	165	14422	5.656	ng	# 24
67) 4-Bromophenyl-phenylether	16.182	248	8261	3.129	ng	# 1
70) Pentachlorophenol	17.133	266	53	4.682	ng	# 16
77) Benzidine	20.041	184	9016	2.146	ng	# 90

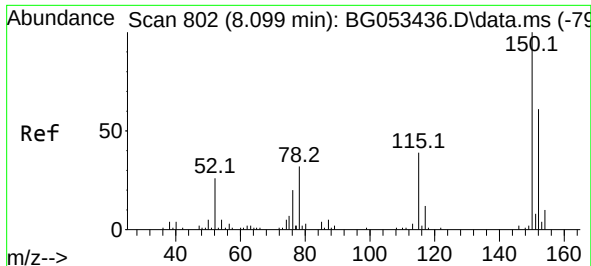
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052022\
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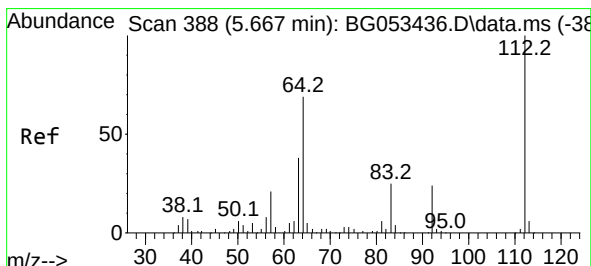
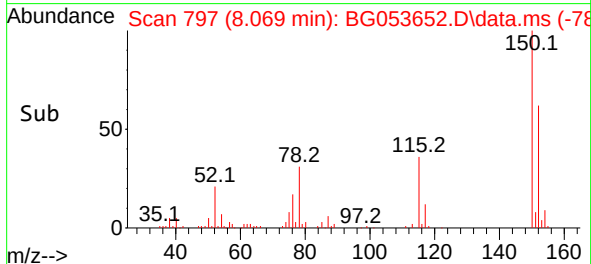
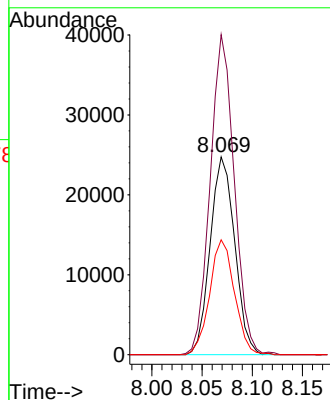
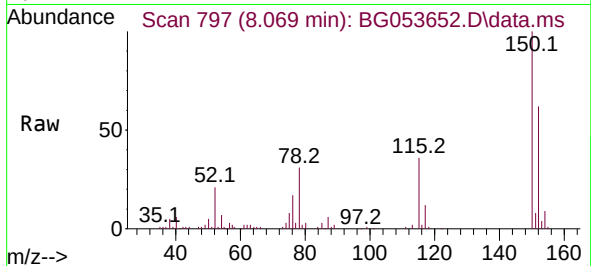




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.069 min Scan# 79
Delta R.T. -0.006 min
Lab File: BG053652.D
Acq: 20 May 2022 20:23

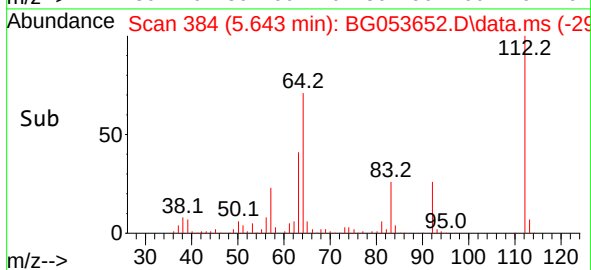
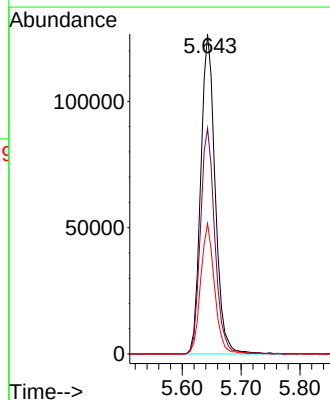
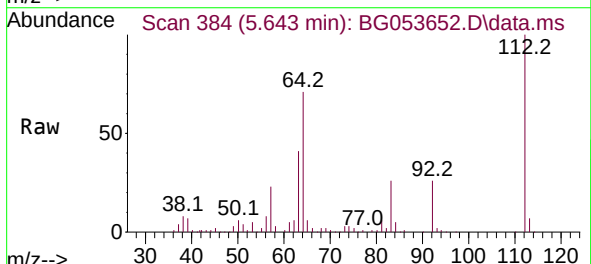
Instrument :
BNA_G
ClientSampleId :
P018-SS001-0612-01

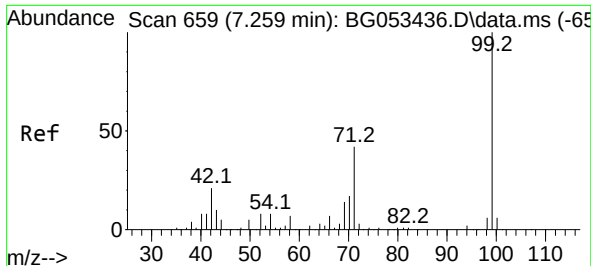
Tgt Ion:152 Resp: 42191
Ion Ratio Lower Upper
152 100
150 161.8 131.6 197.4
115 58.1 50.9 76.3



#5
2-Fluorophenol
Concen: 86.677 ng
RT: 5.643 min Scan# 384
Delta R.T. -0.000 min
Lab File: BG053652.D
Acq: 20 May 2022 20:23

Tgt Ion:112 Resp: 215481
Ion Ratio Lower Upper
112 100
64 70.5 55.1 82.7
63 40.7 30.4 45.6

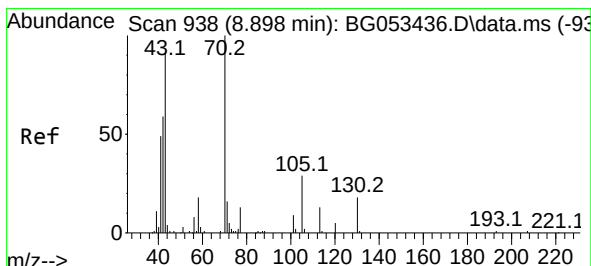
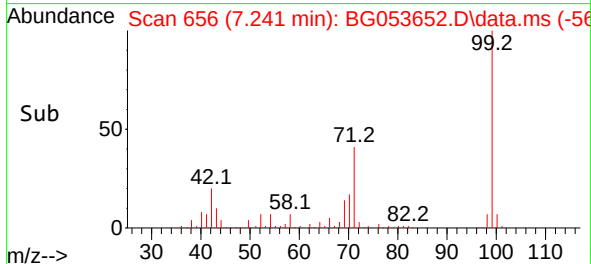
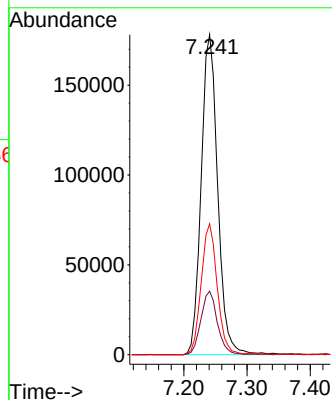
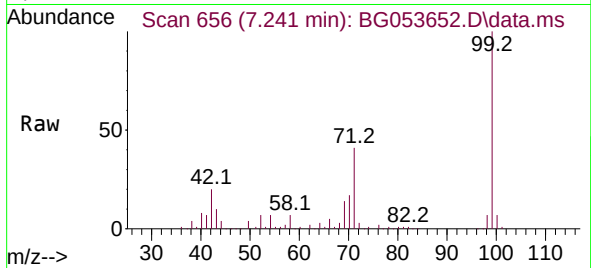




#7
Phenol-d6
Concen: 85.562 ng
RT: 7.241 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG053652.D
Acq: 20 May 2022 20:23

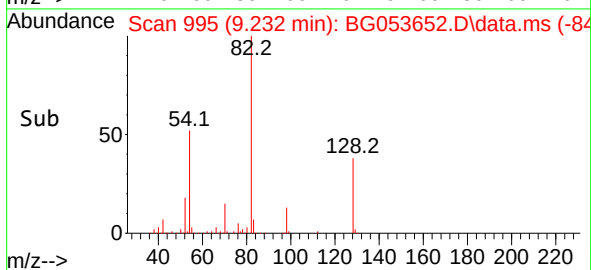
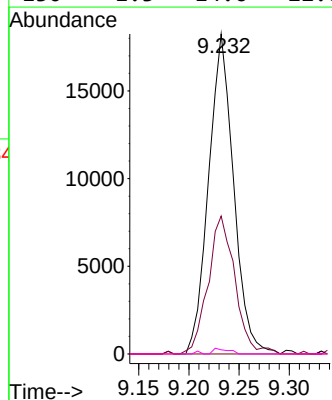
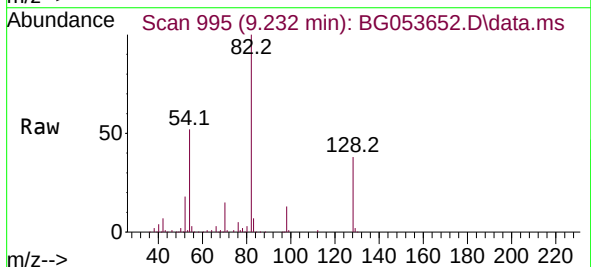
Instrument :
BNA_G
ClientSampleId :
P018-SS001-0612-01

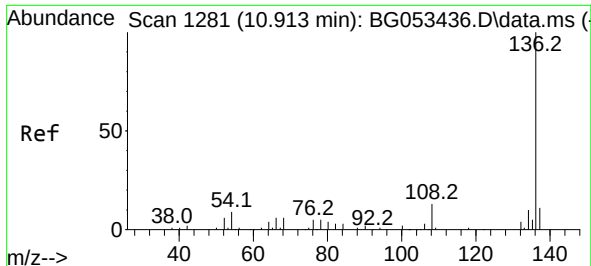
Tgt Ion: 99 Resp: 322818
Ion Ratio Lower Upper
99 100
42 19.9 17.0 25.6
71 40.9 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 11.693 ng
RT: 9.232 min Scan# 995
Delta R.T. 0.352 min
Lab File: BG053652.D
Acq: 20 May 2022 20:23

Tgt Ion: 70 Resp: 31652
Ion Ratio Lower Upper
70 100
42 43.1 47.3 70.9#
101 0.0 7.0 10.4#
130 1.3 14.6 22.0#

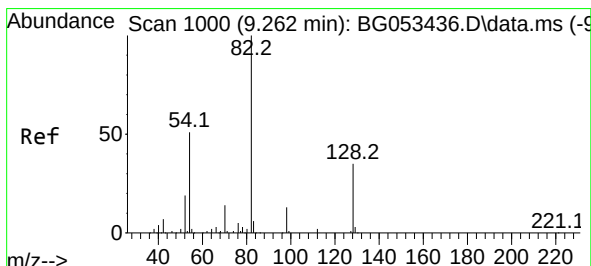
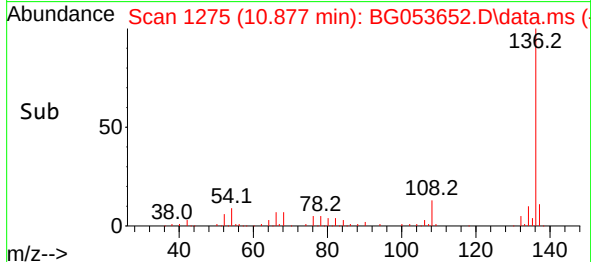
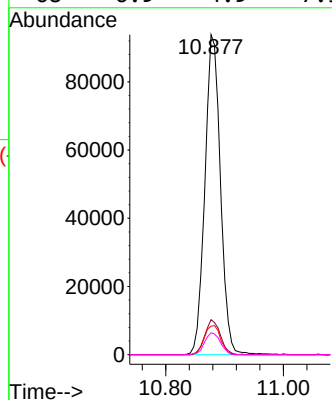
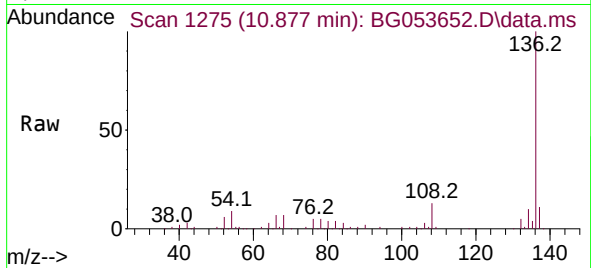




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.877 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG053652.D
Acq: 20 May 2022 20:23

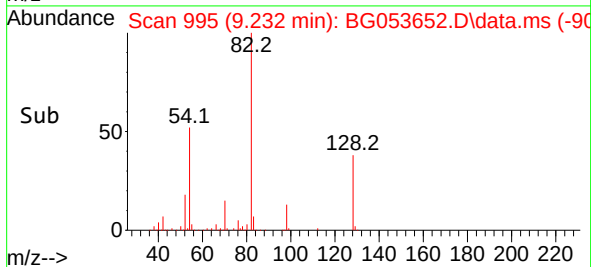
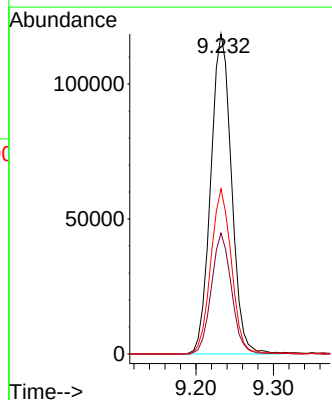
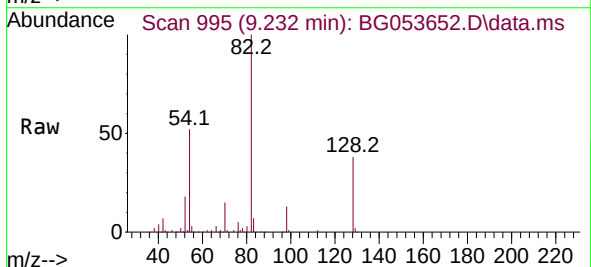
Instrument :
BNA_G
ClientSampleId :
P018-SS001-0612-01

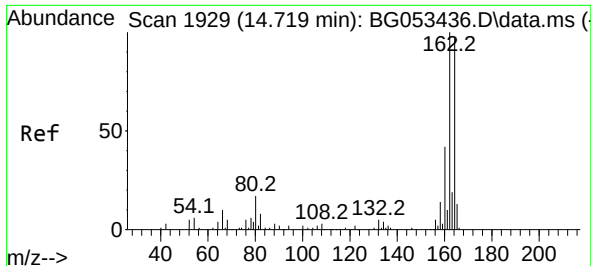
Tgt Ion:136	Resp: 172401
Ion Ratio	Lower Upper
136 100	
137 10.9	8.5 12.7
54 8.9	7.4 11.2
68 6.9	4.9 7.3



#23
Nitrobenzene-d5
Concen: 54.565 ng
RT: 9.232 min Scan# 995
Delta R.T. -0.006 min
Lab File: BG053652.D
Acq: 20 May 2022 20:23

Tgt Ion: 82	Resp: 220988
Ion Ratio	Lower Upper
82 100	
128 37.7	27.9 41.9
54 51.6	41.2 61.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.695 min Scan# 11

Delta R.T. -0.006 min

Lab File: BG053652.D

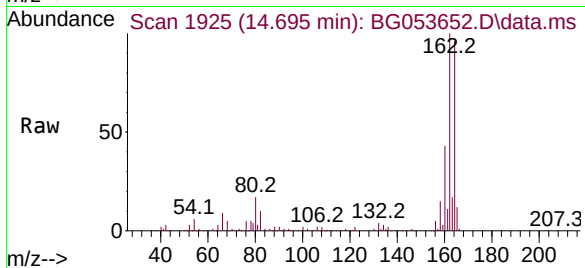
Acq: 20 May 2022 20:23

Instrument :

BNA_G

ClientSampleId :

P018-SS001-0612-01



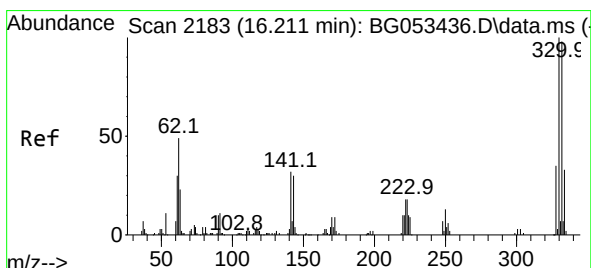
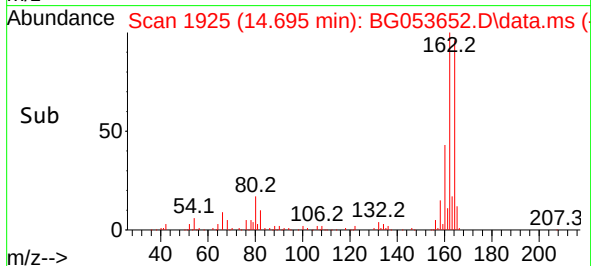
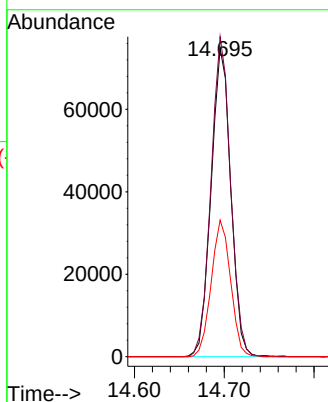
Tgt Ion:164 Resp: 113623

Ion Ratio Lower Upper

164 100

162 103.8 82.3 123.5

160 44.3 34.2 51.2



#42

2,4,6-Tribromophenol

Concen: 71.652 ng

RT: 16.187 min Scan# 2179

Delta R.T. -0.006 min

Lab File: BG053652.D

Acq: 20 May 2022 20:23

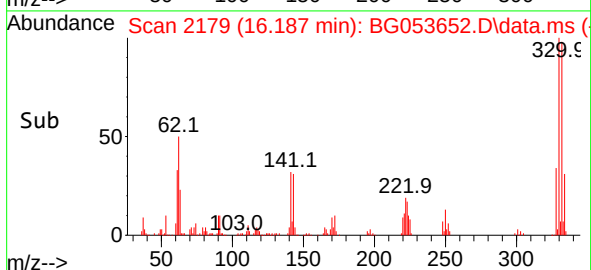
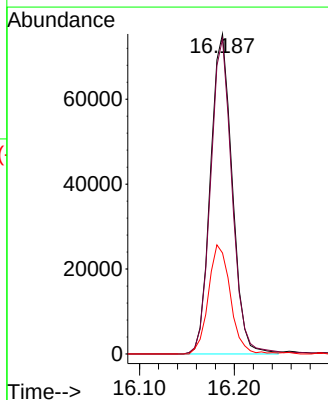
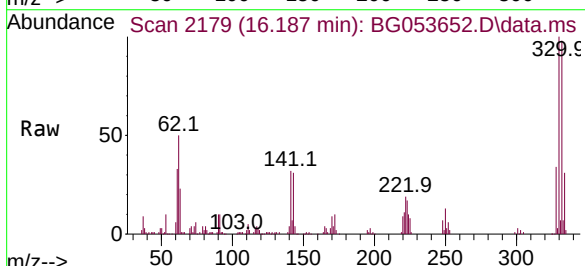
Tgt Ion:330 Resp: 120075

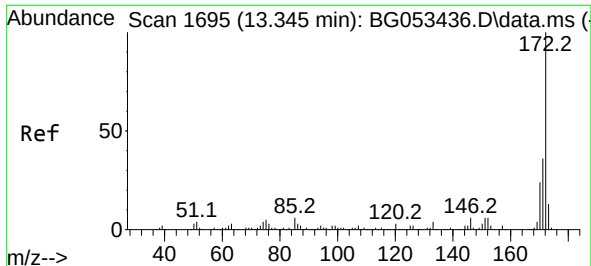
Ion Ratio Lower Upper

330 100

332 97.8 76.0 114.0

141 34.6 27.1 40.7

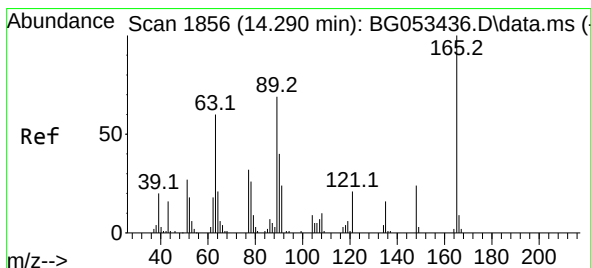
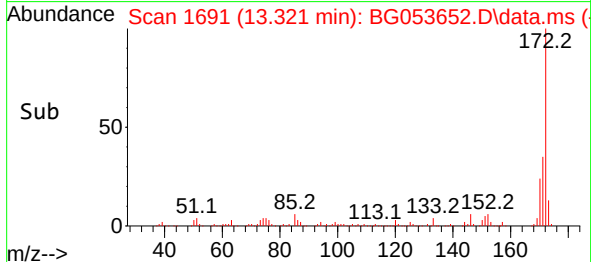
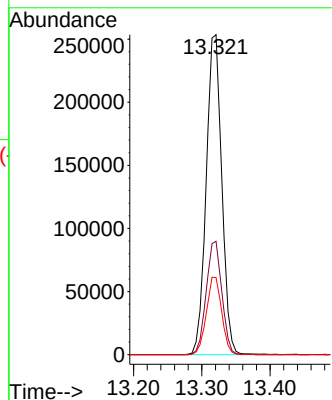
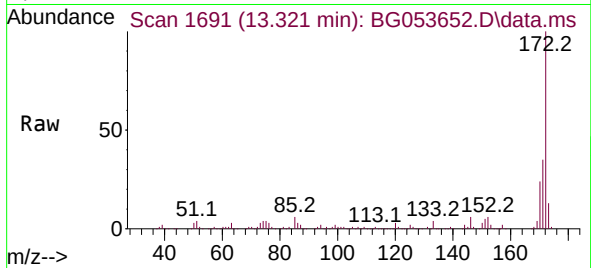




#45
2-Fluorobiphenyl
Concen: 51.829 ng
RT: 13.321 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG053652.D
Acq: 20 May 2022 20:23

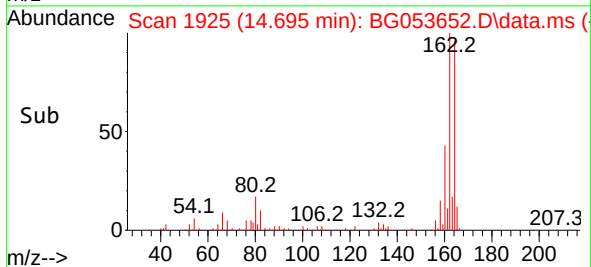
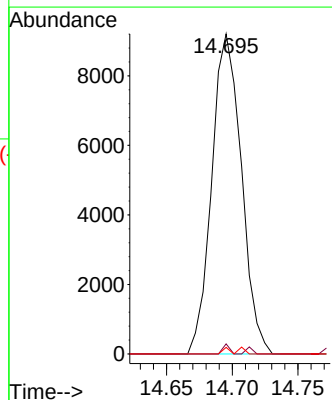
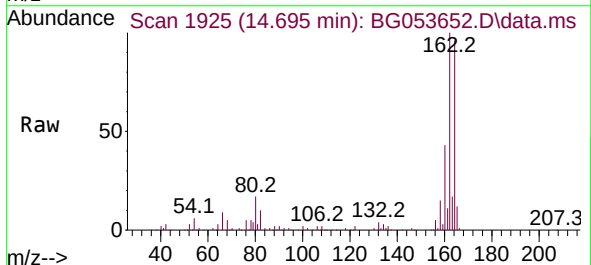
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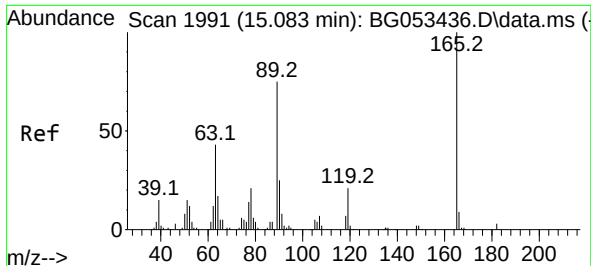
Tgt Ion:172 Resp: 403001
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 24.1 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.199 ng
RT: 14.695 min Scan# 1925
Delta R.T. 0.423 min
Lab File: BG053652.D
Acq: 20 May 2022 20:23

Tgt Ion:165 Resp: 14422
Ion Ratio Lower Upper
165 100
63 3.2 54.1 81.1#
89 2.1 54.8 82.2#





#57

2,4-Dinitrotoluene

Concen: 5.656 ng

RT: 14.695 min Scan# 1991

Delta R.T. -0.370 min

Lab File: BG053652.D

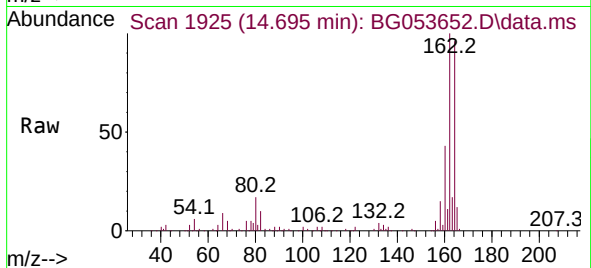
Acq: 20 May 2022 20:23

Instrument :

BNA_G

ClientSampleId :

P018-SS001-0612-01



Tgt Ion:165 Resp: 14422

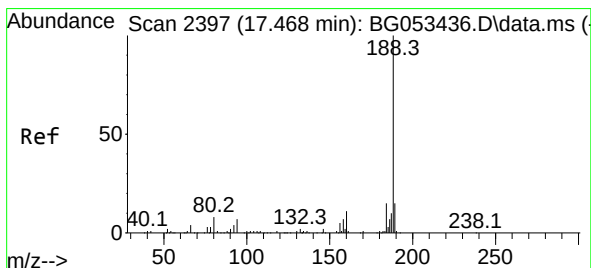
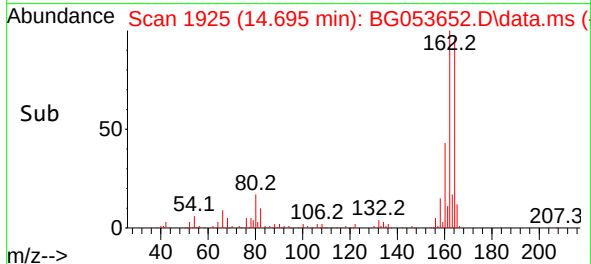
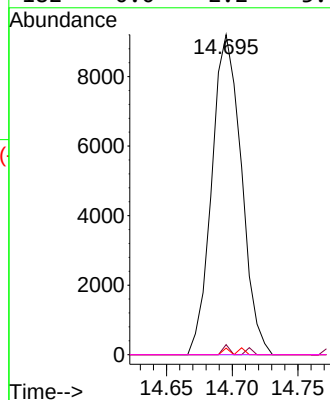
Ion Ratio Lower Upper

165 100

63 3.2 34.6 52.0#

89 2.1 60.3 90.5#

182 0.0 2.2 3.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.445 min Scan# 2393

Delta R.T. -0.006 min

Lab File: BG053652.D

Acq: 20 May 2022 20:23

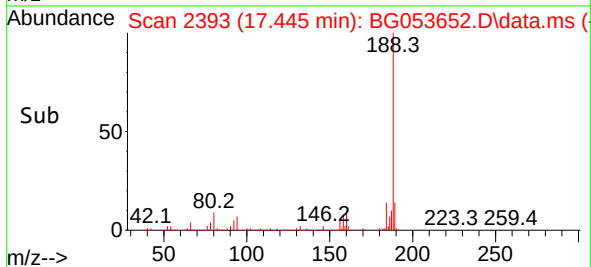
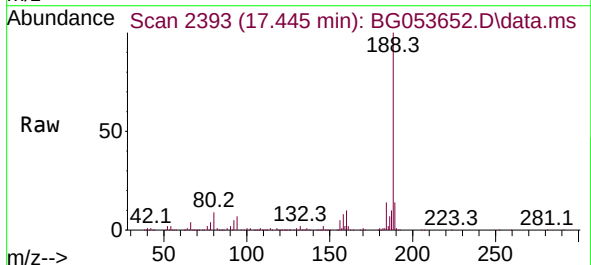
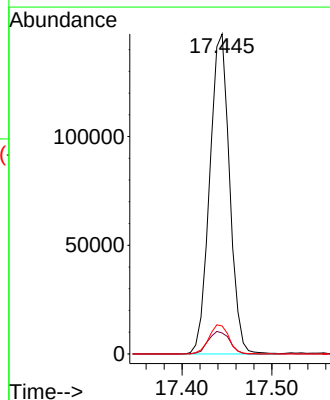
Tgt Ion:188 Resp: 226060

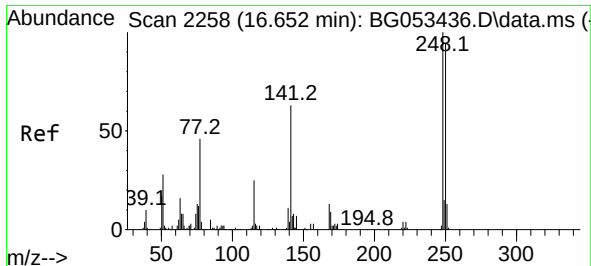
Ion Ratio Lower Upper

188 100

94 6.6 5.4 8.0

80 8.8 6.8 10.2

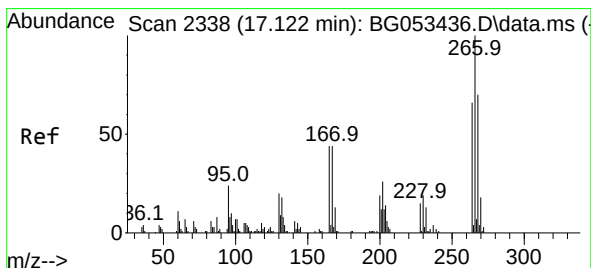
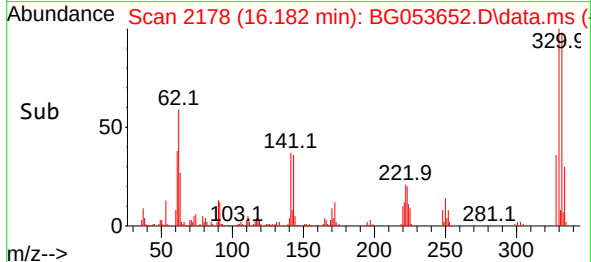
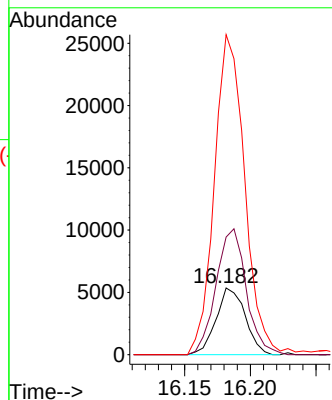
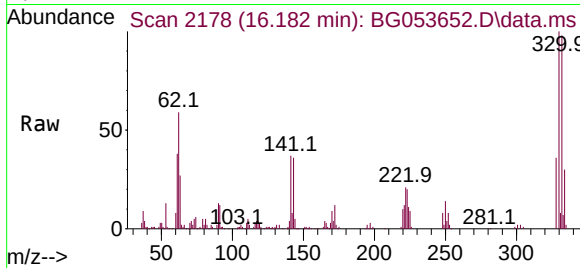




#67
4-Bromophenyl-phenylether
Concen: 3.129 ng
RT: 16.182 min Scan# 2178
Delta R.T. -0.447 min
Lab File: BG053652.D
Acq: 20 May 2022 20:23

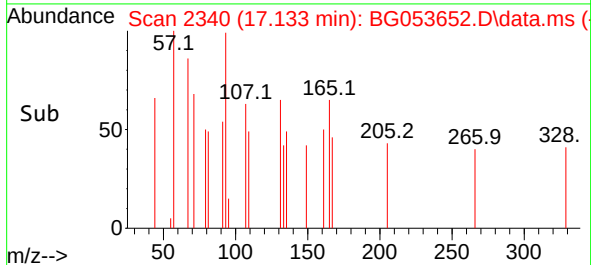
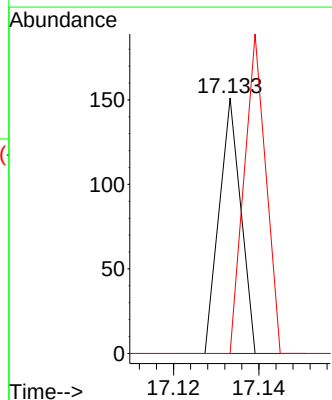
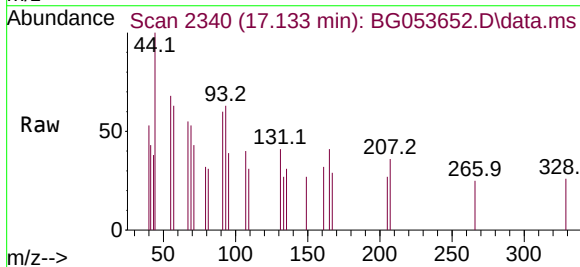
Instrument :
BNA_G
ClientSampleId :
P018-SS001-0612-01

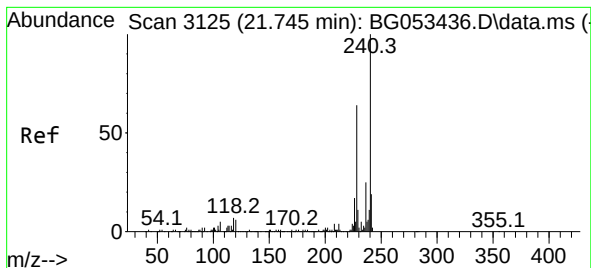
Tgt Ion:248 Resp: 8261
Ion Ratio Lower Upper
248 100
250 176.2 75.2 112.8#
141 479.3 50.0 75.0#



#70
Pentachlorophenol
Concen: 4.682 ng
RT: 17.133 min Scan# 2340
Delta R.T. 0.023 min
Lab File: BG053652.D
Acq: 20 May 2022 20:23

Tgt Ion:266 Resp: 53
Ion Ratio Lower Upper
266 100
268 0.0 56.2 84.2#
264 0.0 53.0 79.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.721 min Scan# 31

Delta R.T. -0.012 min

Lab File: BG053652.D

Acq: 20 May 2022 20:23

Instrument :

BNA_G

ClientSampleId :

P018-SS001-0612-01

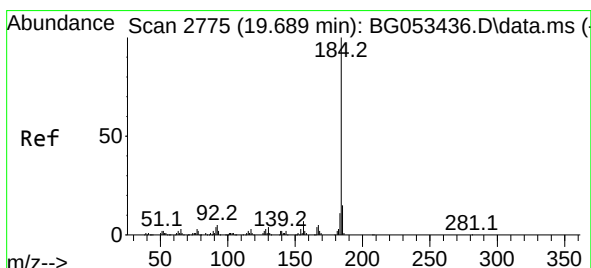
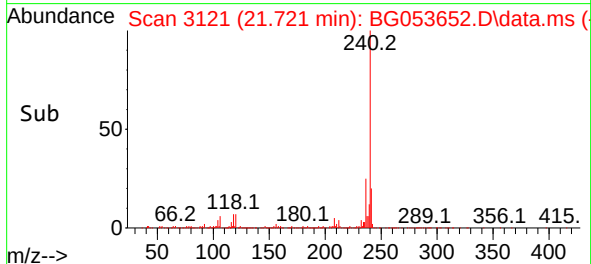
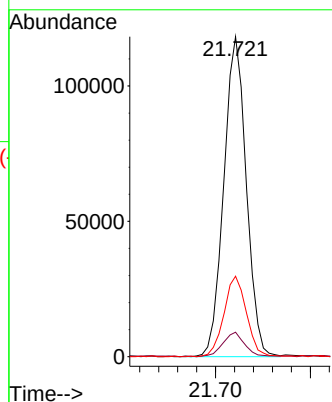
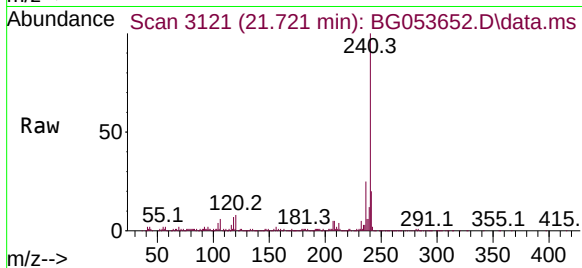
Tgt Ion:240 Resp: 194898

Ion Ratio Lower Upper

240 100

120 7.7 4.6 7.0#

236 25.1 20.2 30.4



#77

Benzidine

Concen: 2.146 ng

RT: 20.041 min Scan# 2835

Delta R.T. 0.370 min

Lab File: BG053652.D

Acq: 20 May 2022 20:23

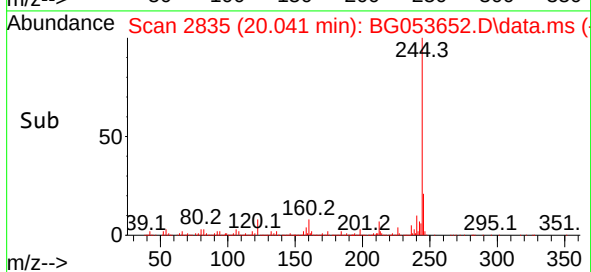
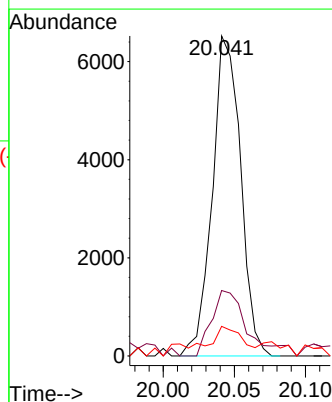
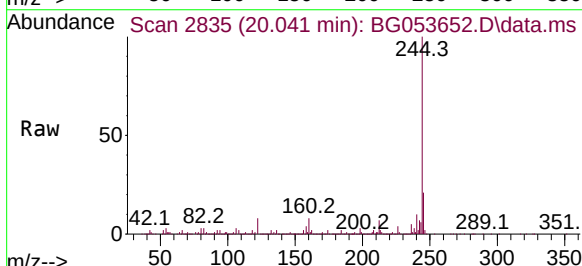
Tgt Ion:184 Resp: 9016

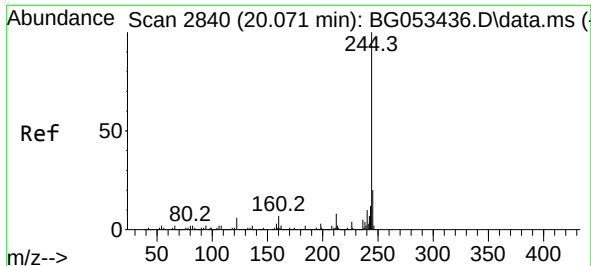
Ion Ratio Lower Upper

184 100

185 20.4 11.8 17.6#

183 9.2 8.9 13.3

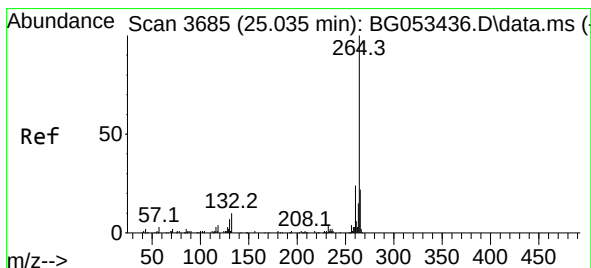
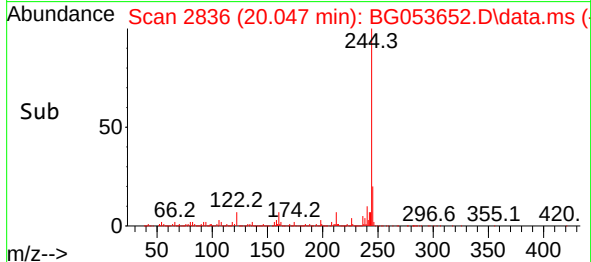
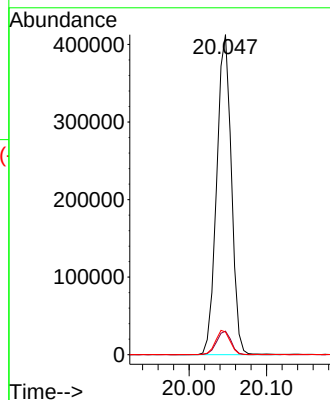
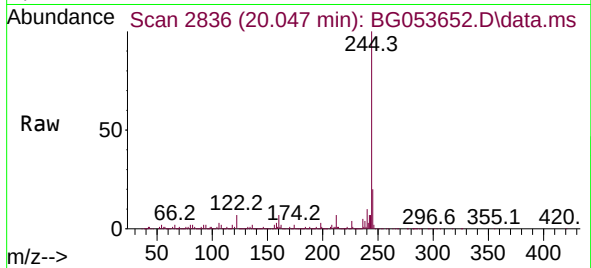




#79
 Terphenyl-d14
 Concen: 51.808 ng
 RT: 20.047 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG053652.D
 Acq: 20 May 2022 20:23

Instrument :
 BNA_G
 ClientSampleId :
 P018-SS001-0612-01

Tgt Ion:244 Resp: 542147
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.5 9.7
 122 7.1 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.987 min Scan# 3677
 Delta R.T. -0.018 min
 Lab File: BG053652.D
 Acq: 20 May 2022 20:23

Tgt Ion:264 Resp: 196158
 Ion Ratio Lower Upper
 264 100
 260 22.3 19.0 28.6
 265 21.6 17.4 26.2

