

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052322\
 Data File : BG053670.D
 Acq On : 23 May 2022 18:49
 Operator : CG/JU
 Sample : N2968-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-44

Quant Time: May 24 05:10:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 24 05:05:32 2022
 Response via : Initial Calibration

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

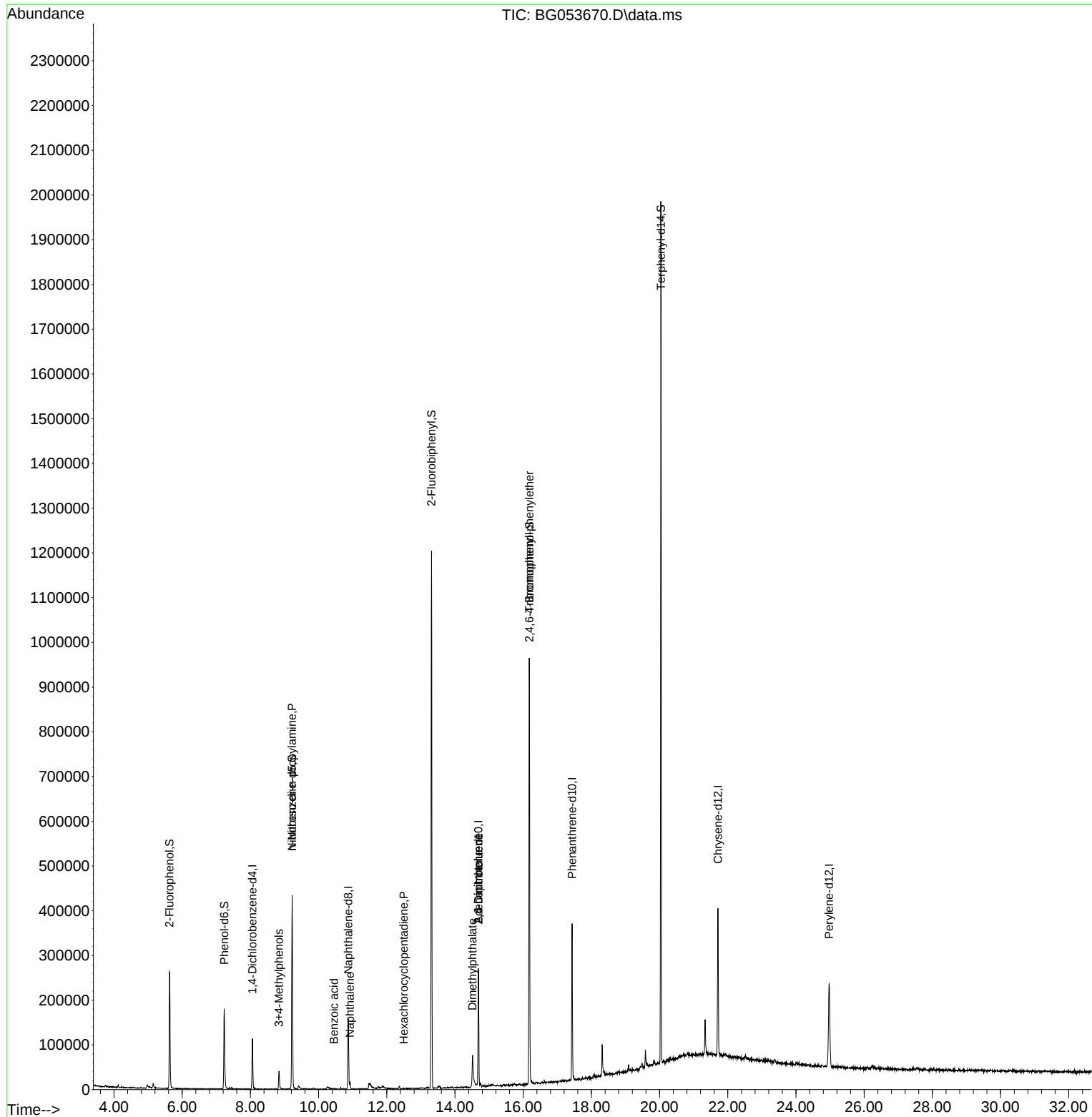
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	30937	20.000	ng	0.00
21) Naphthalene-d8	10.867	136	127670	20.000	ng	0.00
39) Acenaphthene-d10	14.685	164	93552	20.000	ng	0.00
64) Phenanthrene-d10	17.434	188	214401	20.000	ng	0.00
76) Chrysene-d12	21.711	240	205750	20.000	ng	0.00
86) Perylene-d12	24.971	264	206272	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.627	112	109762	60.213	ng	0.00
7) Phenol-d6	7.231	99	106482	38.489	ng	0.00
23) Nitrobenzene-d5	9.222	82	275192	91.756	ng	0.00
42) 2,4,6-Tribromophenol	16.183	330	200252	145.133	ng	0.00
45) 2-Fluorobiphenyl	13.311	172	624923	97.613	ng	0.00
79) Terphenyl-d14	20.037	244	952079	86.183	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.222	70	38921	19.608	ng	# 79
20) 3+4-Methylphenols	8.834	107	21326	8.257	ng	84
31) Naphthalene	10.920	128	13695	2.109	ng	97
32) Benzoic acid	10.450	122	117	8.573	ng	89
41) Hexachlorocyclopentadiene	12.500	237	54	8.876	ng	# 26
50) Dimethylphthalate	14.515	163	45217	6.360	ng	# 92
51) 2,6-Dinitrotoluene	14.685	165	12547	8.663	ng	# 19
57) 2,4-Dinitrotoluene	14.685	165	12547	5.977	ng	# 24
67) 4-Bromophenyl-phenylether	16.177	248	13639	5.447	ng	# 1

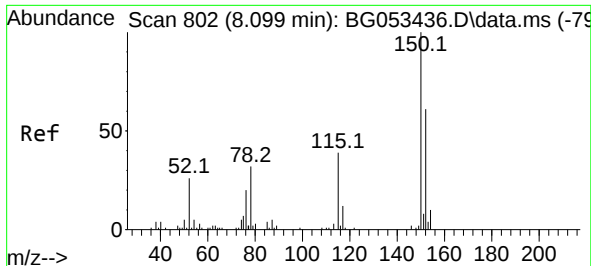
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052322\
Data File : BG053670.D
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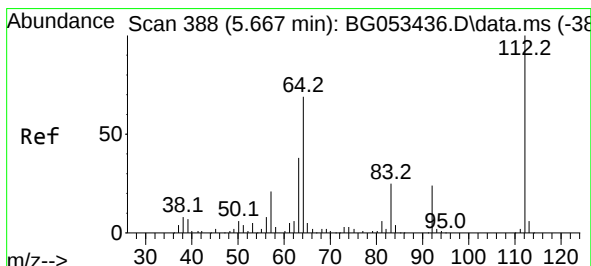
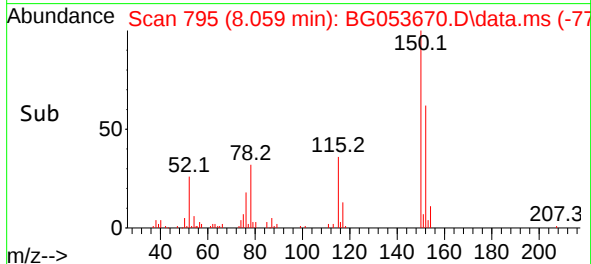
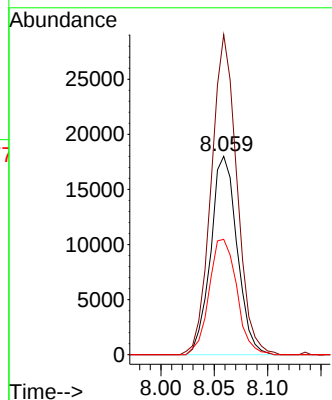
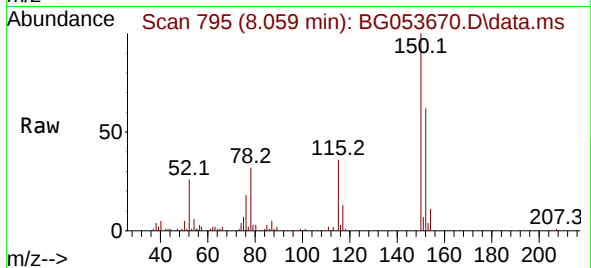




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.059 min Scan# 79
Delta R.T. 0.001 min
Lab File: BG053670.D
Acq: 23 May 2022 18:49

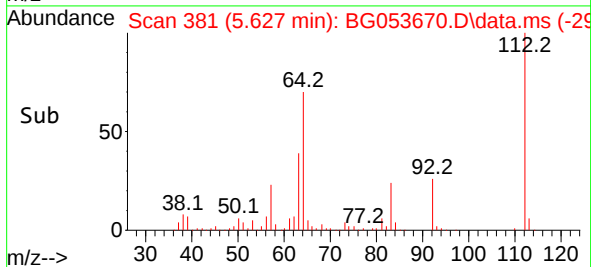
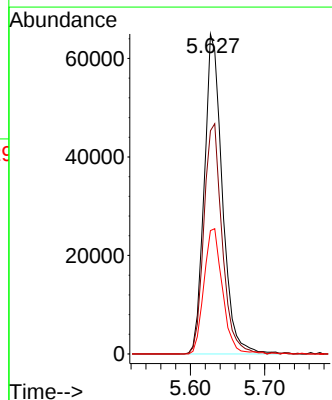
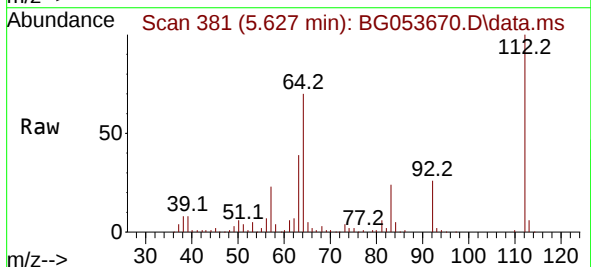
Instrument :
BNA_G
ClientSampleId :
MW-44

Tgt Ion:152 Resp: 30937
Ion Ratio Lower Upper
152 100
150 161.3 131.6 197.4
115 58.2 50.9 76.3



#5
2-Fluorophenol
Concen: 60.213 ng
RT: 5.627 min Scan# 381
Delta R.T. 0.001 min
Lab File: BG053670.D
Acq: 23 May 2022 18:49

Tgt Ion:112 Resp: 109762
Ion Ratio Lower Upper
112 100
64 69.8 55.1 82.7
63 38.6 30.4 45.6

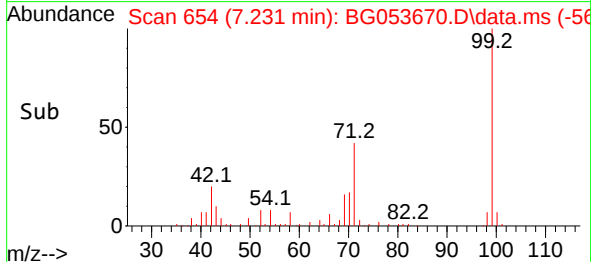
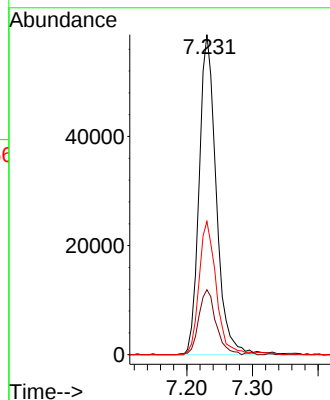
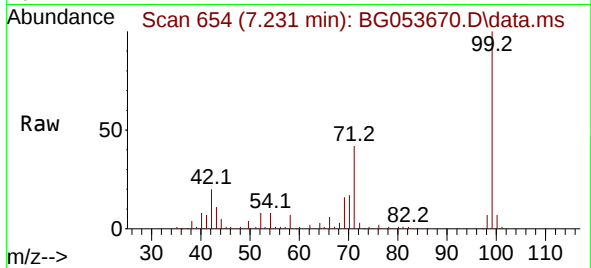




#7
Phenol-d6
Concen: 38.489 ng
RT: 7.231 min Scan# 611
Delta R.T. 0.001 min
Lab File: BG053670.D
Acq: 23 May 2022 18:49

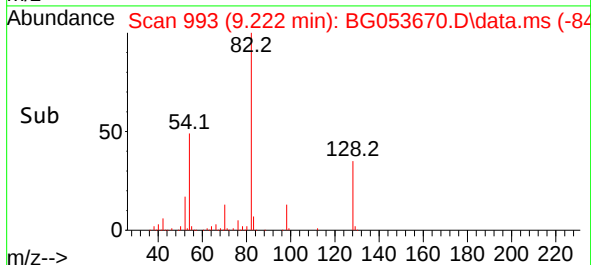
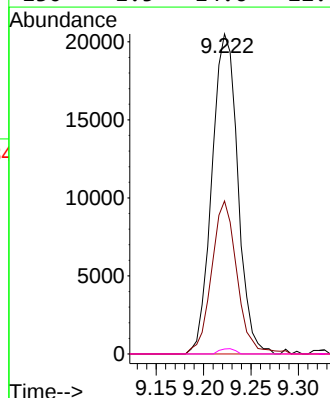
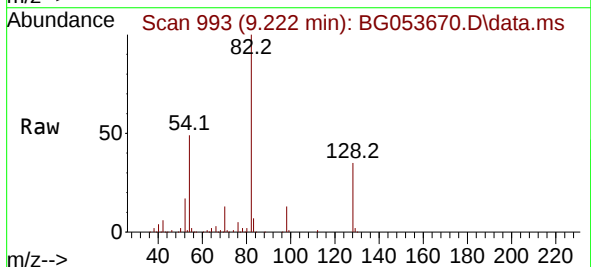
Instrument :
BNA_G
ClientSampleId :
MW-44

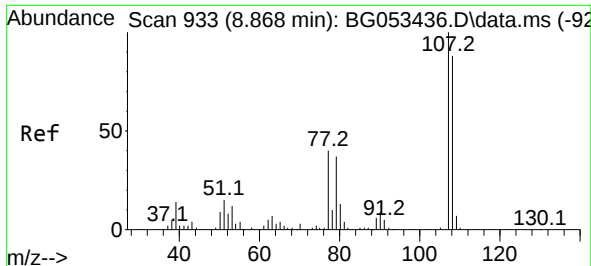
Tgt Ion: 99 Resp: 106482
Ion Ratio Lower Upper
99 100
42 20.3 17.0 25.6
71 41.6 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 19.608 ng
RT: 9.222 min Scan# 993
Delta R.T. 0.360 min
Lab File: BG053670.D
Acq: 23 May 2022 18:49

Tgt Ion: 70 Resp: 38921
Ion Ratio Lower Upper
70 100
42 47.8 47.3 70.9
101 0.0 7.0 10.4#
130 1.5 14.6 22.0#

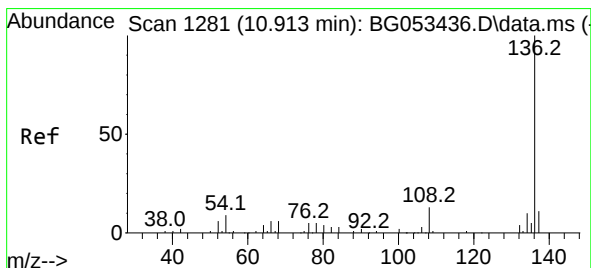
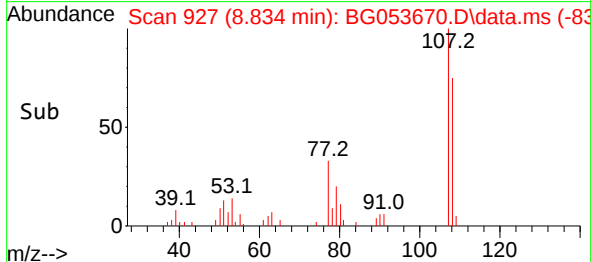
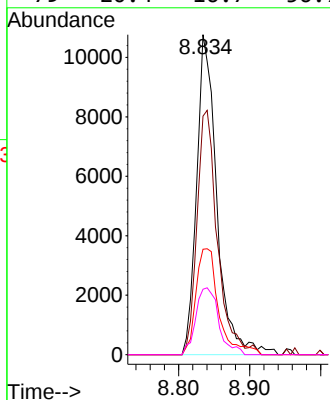
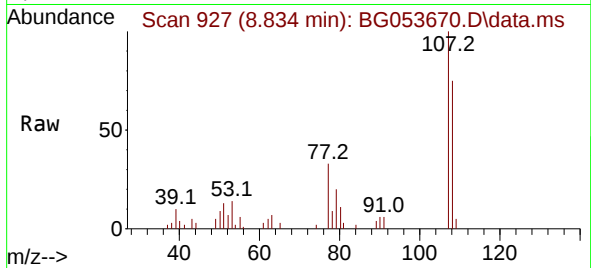




#20
3+4-Methylphenols
Concen: 8.257 ng
RT: 8.834 min Scan# 91
Delta R.T. -0.005 min
Lab File: BG053670.D
Acq: 23 May 2022 18:49

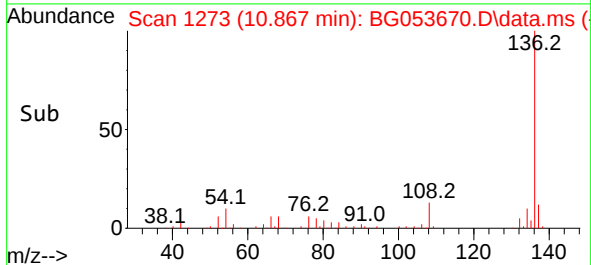
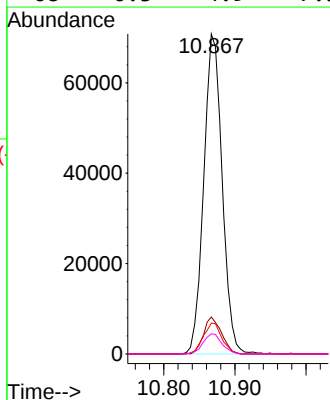
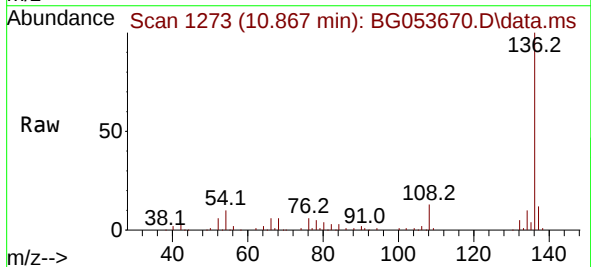
Instrument :
BNA_G
ClientSampleId :
MW-44

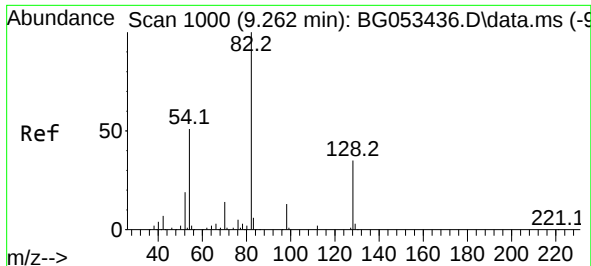
Tgt Ion:107	Resp:	21326	
Ion	Ratio	Lower	Upper
107	100		
108	74.6	67.5	107.5
77	33.0	20.3	60.3
79	20.4	16.7	56.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.867 min Scan# 1273
Delta R.T. -0.005 min
Lab File: BG053670.D
Acq: 23 May 2022 18:49

Tgt	Ion:136	Resp:	127670
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.5	12.7
54	9.7	7.4	11.2
68	6.3	4.9	7.3

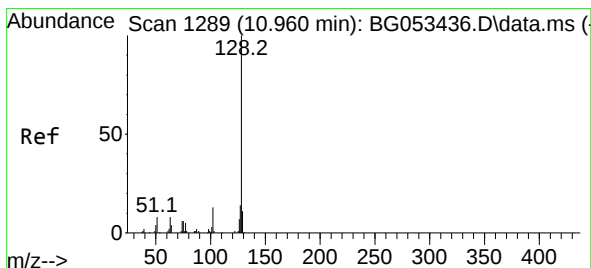
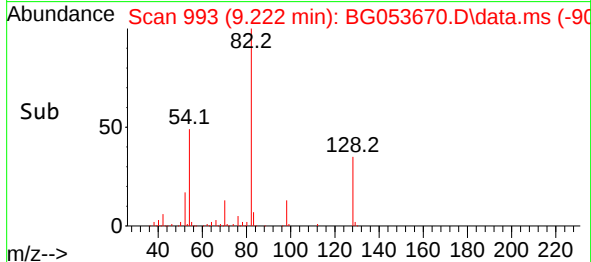
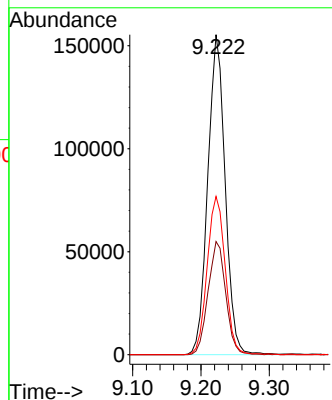
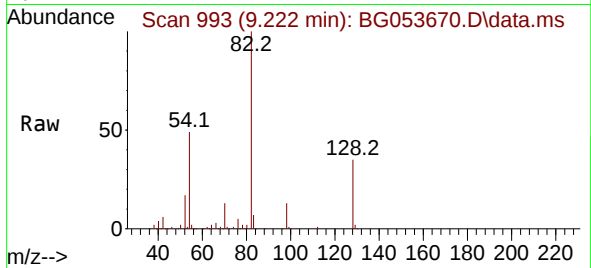




#23
Nitrobenzene-d5
Concen: 91.756 ng
RT: 9.222 min Scan# 91
Delta R.T. -0.005 min
Lab File: BG053670.D
Acq: 23 May 2022 18:49

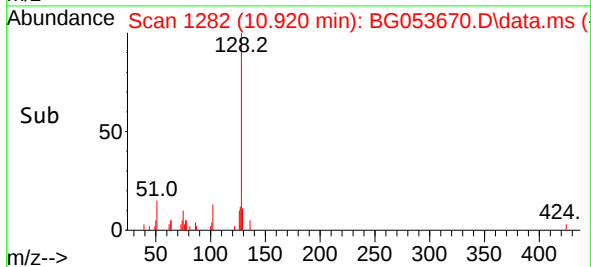
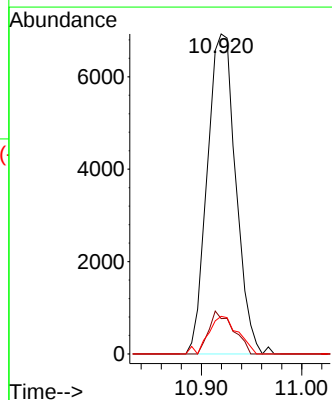
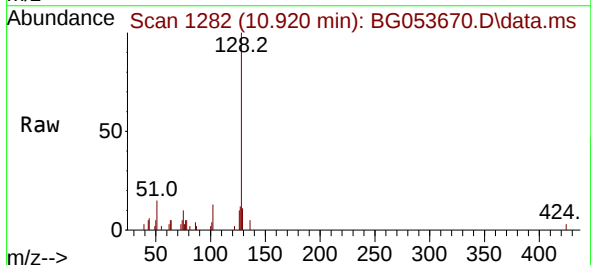
Instrument :
BNA_G
ClientSampleId :
MW-44

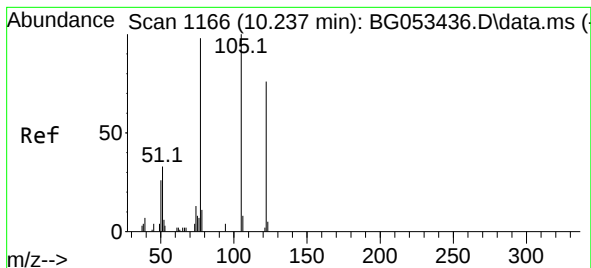
Tgt Ion: 82 Resp: 275192
Ion Ratio Lower Upper
82 100
128 35.4 27.9 41.9
54 49.5 41.2 61.8



#31
Naphthalene
Concen: 2.109 ng
RT: 10.920 min Scan# 1282
Delta R.T. -0.005 min
Lab File: BG053670.D
Acq: 23 May 2022 18:49

Tgt Ion: 128 Resp: 13695
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 11.8 11.1 16.7





#32

Benzoic acid

Concen: 8.573 ng

RT: 10.450 min Scan# 1166

Delta R.T. 0.224 min

Lab File: BG053670.D

Acq: 23 May 2022 18:49

Instrument :

BNA_G

ClientSampleId :

MW-44

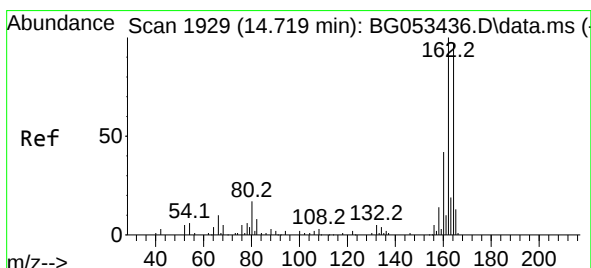
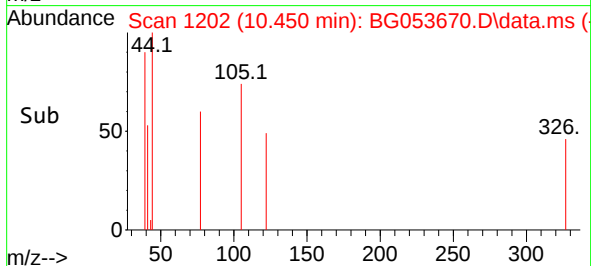
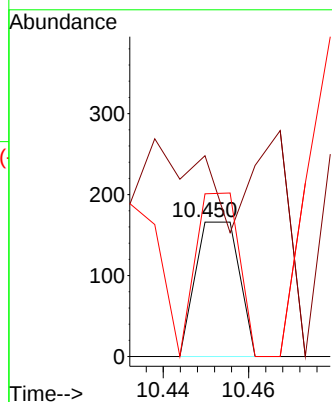
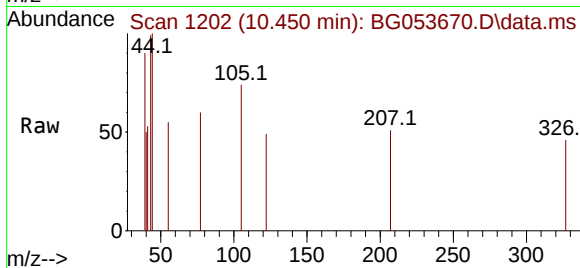
Tgt Ion:122 Resp: 117

Ion Ratio Lower Upper

122 100

105 149.4 111.8 151.8

77 121.1 109.4 149.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.685 min Scan# 1923

Delta R.T. -0.005 min

Lab File: BG053670.D

Acq: 23 May 2022 18:49

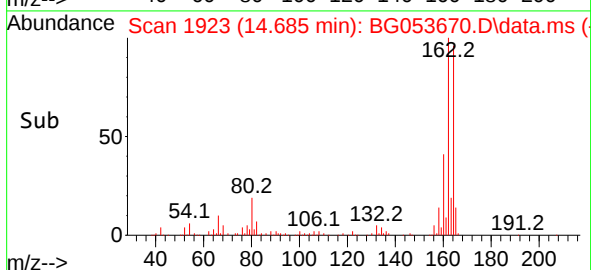
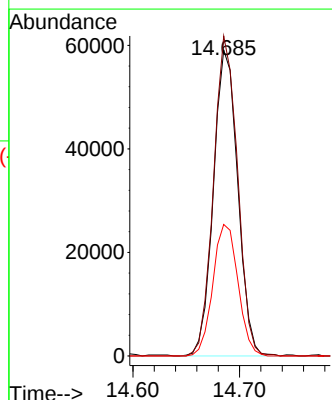
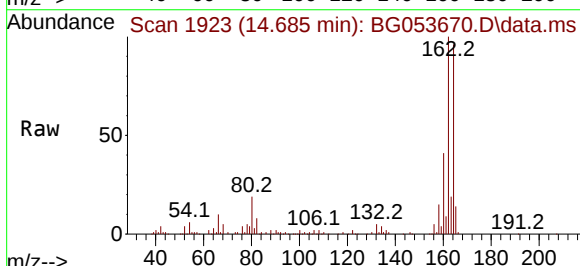
Tgt Ion:164 Resp: 93552

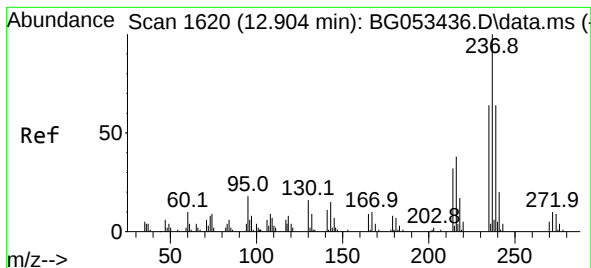
Ion Ratio Lower Upper

164 100

162 104.6 82.3 123.5

160 43.0 34.2 51.2





#41

Hexachlorocyclopentadiene

Concen: 8.876 ng

RT: 12.500 min Scan# 11

Delta R.T. -0.369 min

Lab File: BG053670.D

Acq: 23 May 2022 18:49

Instrument :

BNA_G

ClientSampleId :

MW-44

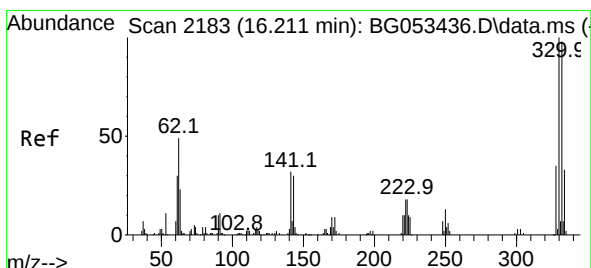
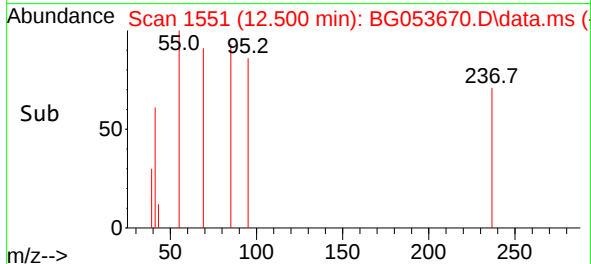
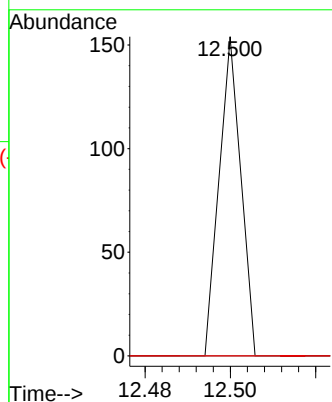
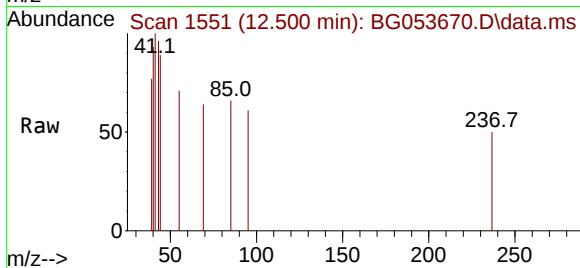
Tgt Ion:237 Resp: 54

Ion Ratio Lower Upper

237 100

235 0.0 43.5 83.5#

272 0.0 0.0 30.1



#42

2,4,6-Tribromophenol

Concen: 145.133 ng

RT: 16.183 min Scan# 2178

Delta R.T. 0.001 min

Lab File: BG053670.D

Acq: 23 May 2022 18:49

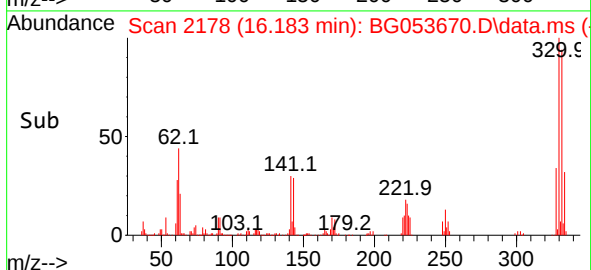
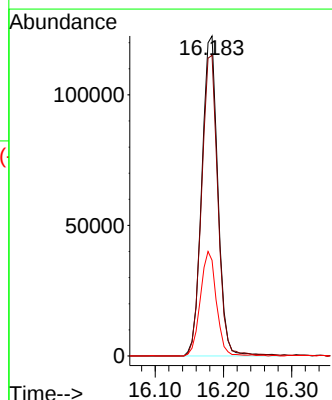
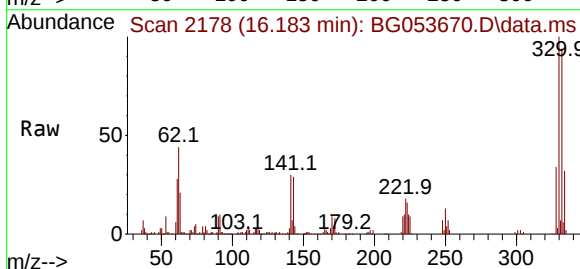
Tgt Ion:330 Resp: 200252

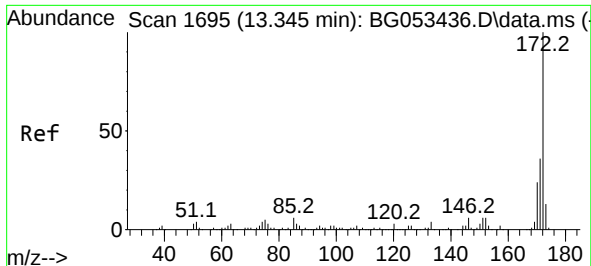
Ion Ratio Lower Upper

330 100

332 94.6 76.0 114.0

141 32.8 27.1 40.7

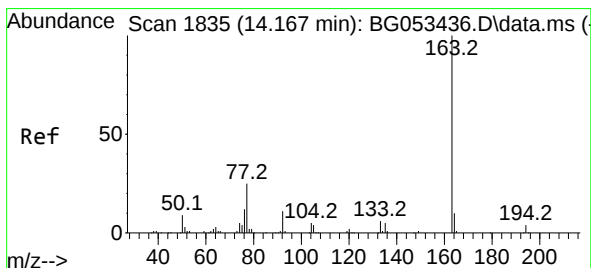
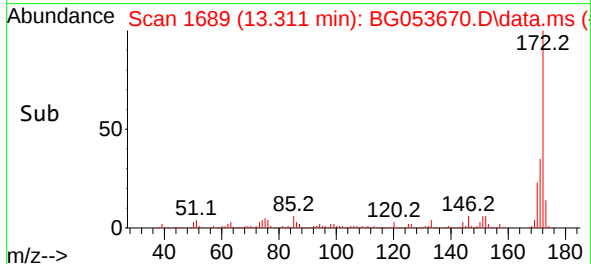
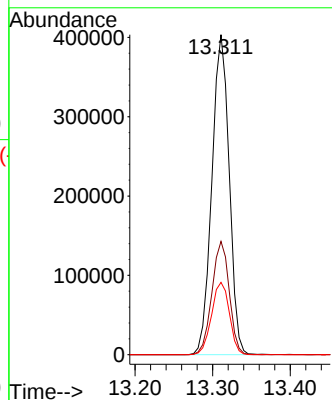
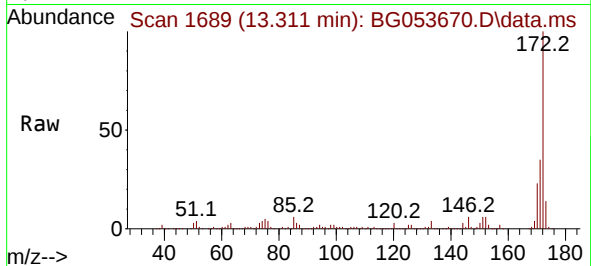




#45
2-Fluorobiphenyl
Concen: 97.613 ng
RT: 13.311 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG053670.D
Acq: 23 May 2022 18:49

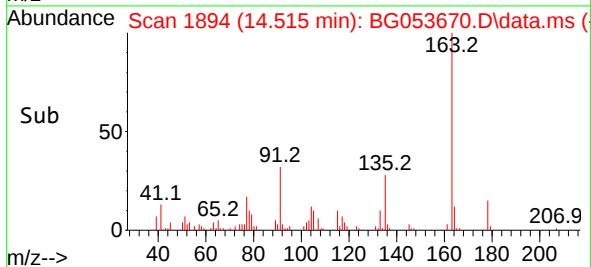
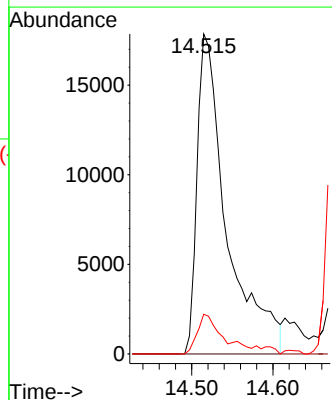
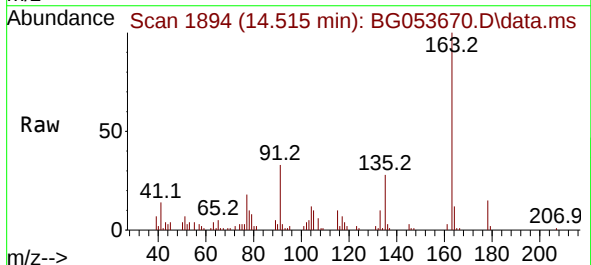
Instrument :
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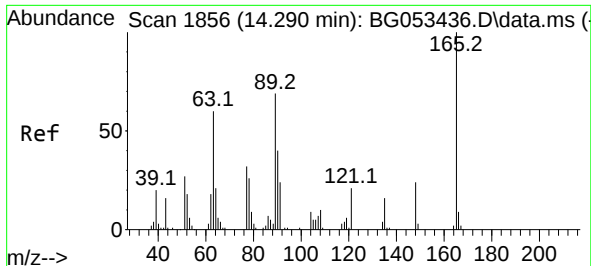
Tgt Ion:172 Resp: 624923
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 22.6 18.9 28.3



#50
Dimethylphthalate
Concen: 6.360 ng
RT: 14.515 min Scan# 1894
Delta R.T. 0.371 min
Lab File: BG053670.D
Acq: 23 May 2022 18:49

Tgt Ion:163 Resp: 45217
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 12.4 8.0 12.0#





#51

2,6-Dinitrotoluene

Concen: 8.663 ng

RT: 14.685 min Scan# 1923

Delta R.T. 0.424 min

Lab File: BG053670.D

Acq: 23 May 2022 18:49

Instrument :

BNA_G

ClientSampleId :

MW-44

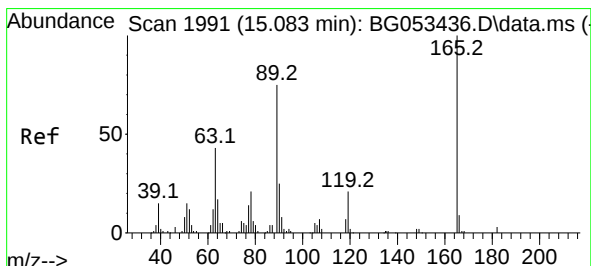
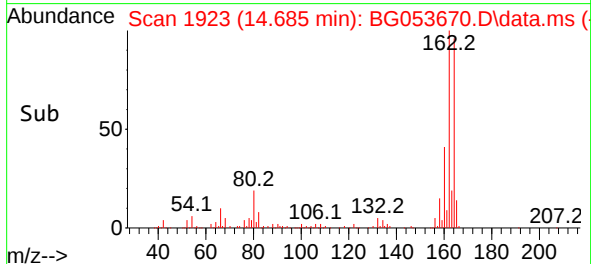
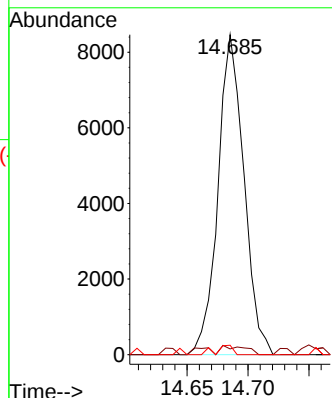
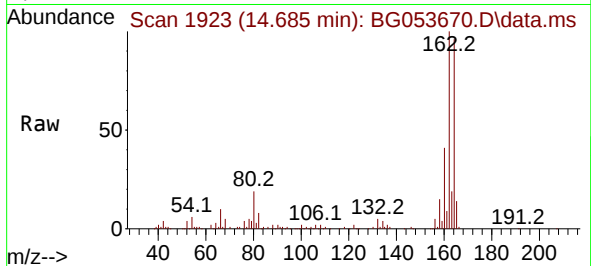
Tgt Ion:165 Resp: 12547

Ion Ratio Lower Upper

165 100

63 1.8 54.1 81.1#

89 2.9 54.8 82.2#



#57

2,4-Dinitrotoluene

Concen: 5.977 ng

RT: 14.685 min Scan# 1923

Delta R.T. -0.369 min

Lab File: BG053670.D

Acq: 23 May 2022 18:49

Tgt Ion:165 Resp: 12547

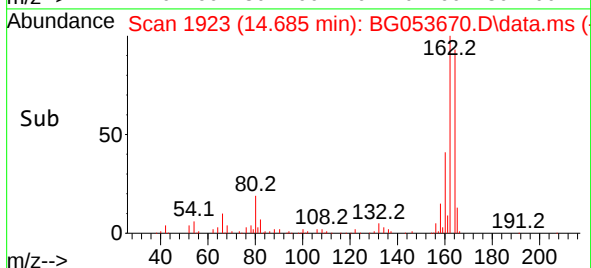
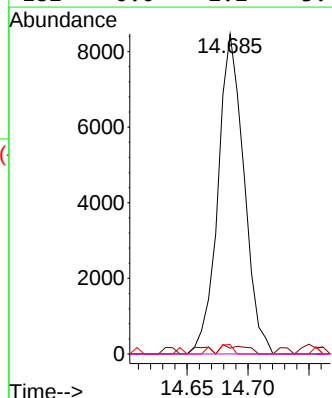
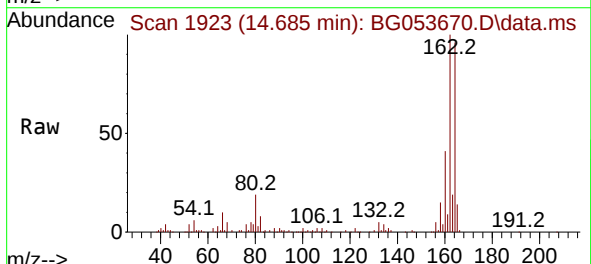
Ion Ratio Lower Upper

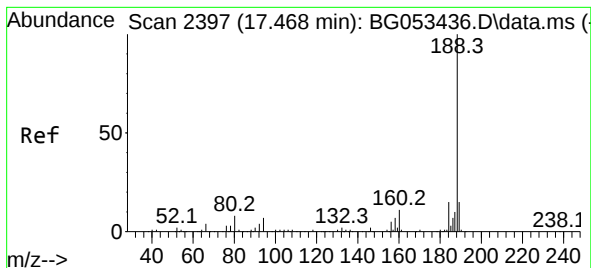
165 100

63 1.8 34.6 52.0#

89 2.9 60.3 90.5#

182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.434 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG053670.D

Acq: 23 May 2022 18:49

Instrument :

BNA_G

ClientSampleId :

MW-44

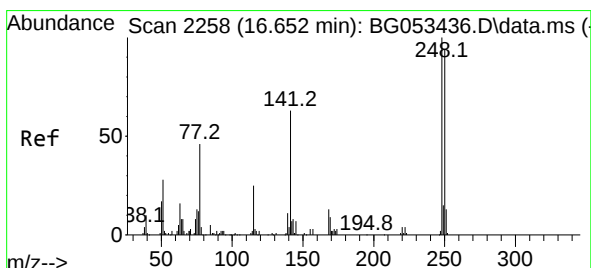
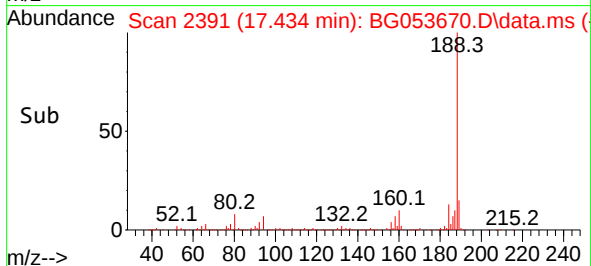
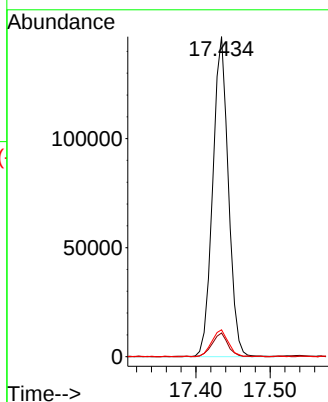
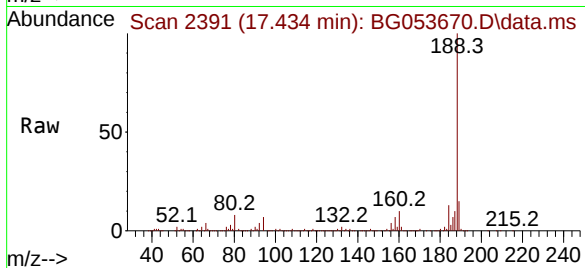
Tgt Ion:188 Resp: 214401

Ion Ratio Lower Upper

188 100

94 7.4 5.4 8.0

80 8.4 6.8 10.2



#67

4-Bromophenyl-phenylether

Concen: 5.447 ng

RT: 16.177 min Scan# 2177

Delta R.T. -0.439 min

Lab File: BG053670.D

Acq: 23 May 2022 18:49

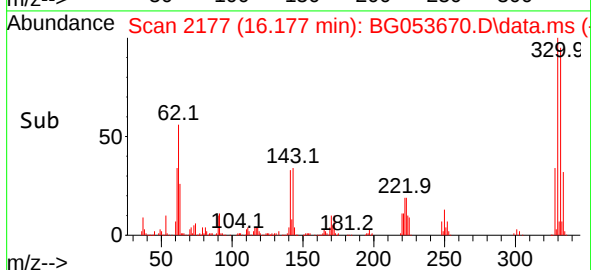
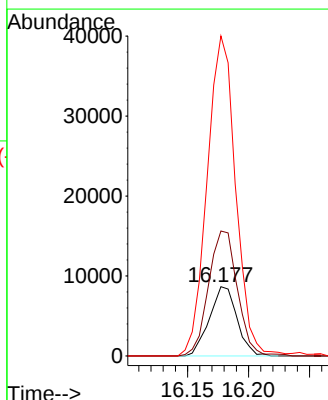
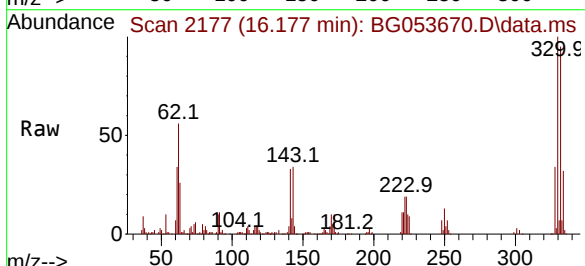
Tgt Ion:248 Resp: 13639

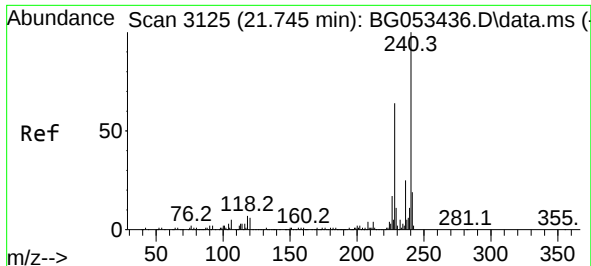
Ion Ratio Lower Upper

248 100

250 180.1 75.2 112.8#

141 461.4 50.0 75.0#

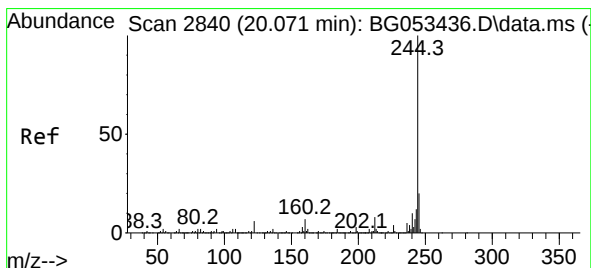
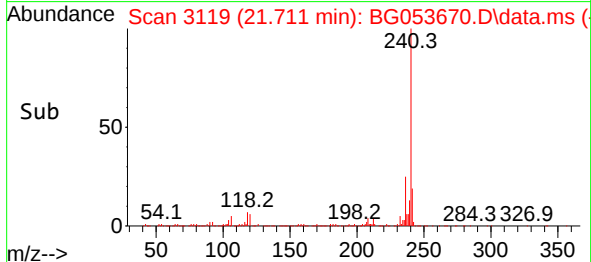
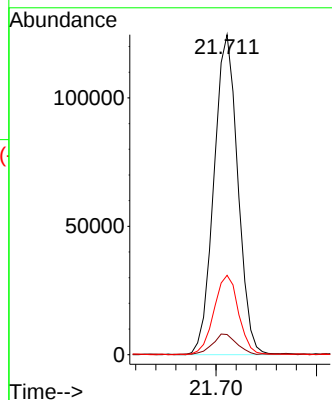
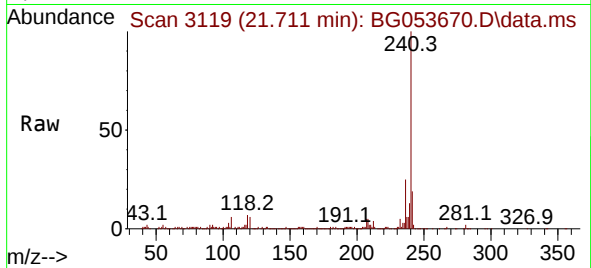




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.711 min Scan# 3119
Delta R.T. -0.005 min
Lab File: BG053670.D
Acq: 23 May 2022 18:49

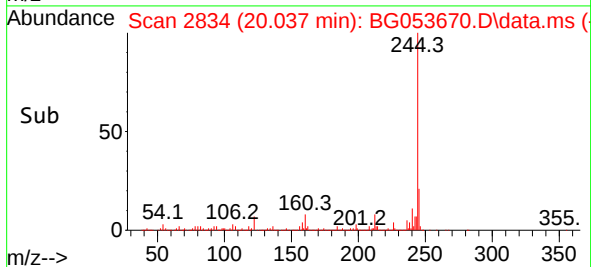
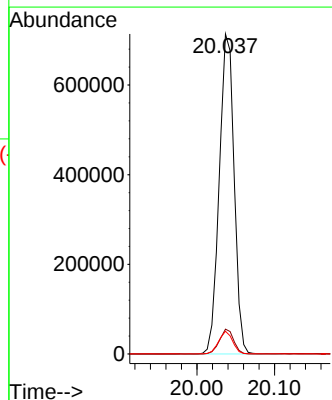
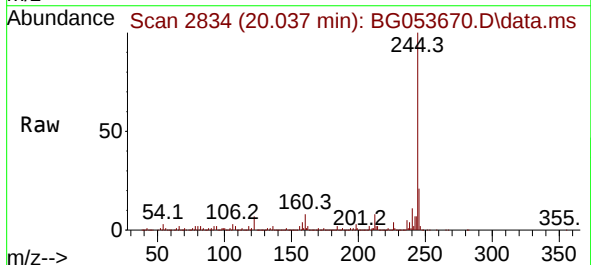
Instrument :
BNA_G
ClientSampleId :
MW-44

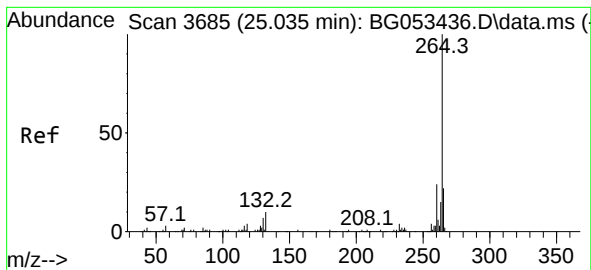
Tgt Ion:240 Resp: 205750
Ion Ratio Lower Upper
240 100
120 6.3 4.6 7.0
236 24.8 20.2 30.4



#79
Terphenyl-d14
Concen: 86.183 ng
RT: 20.037 min Scan# 2834
Delta R.T. -0.005 min
Lab File: BG053670.D
Acq: 23 May 2022 18:49

Tgt Ion:244 Resp: 952079
Ion Ratio Lower Upper
244 100
212 7.7 6.5 9.7
122 7.1 5.0 7.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.971 min Scan# 30
 Delta R.T. -0.011 min
 Lab File: BG053670.D
 Acq: 23 May 2022 18:49

Instrument :
 BNA_G
 ClientSampleId :
 MW-44

Tgt Ion:264 Resp: 206272
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.0 28.6
 265 22.4 17.4 26.2

