

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051622\
 Data File : BG053567.D
 Acq On : 16 May 2022 14:58
 Operator : CG/JU
 Sample : N2806-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-8/9-1

Quant Time: May 17 05:20:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 11 06:00:46 2022
 Response via : Initial Calibration

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

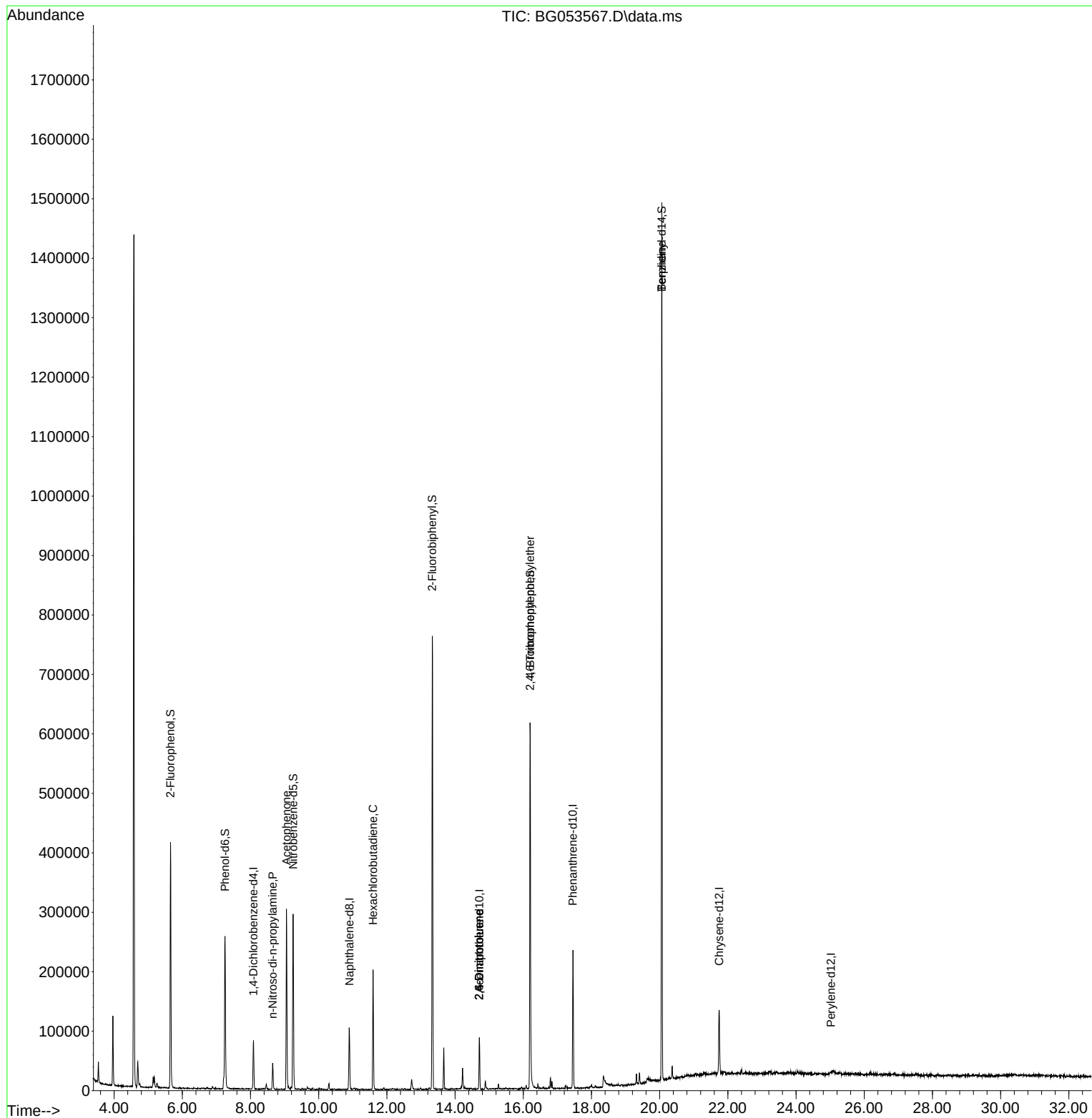
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	21877	20.000	ng	0.00
21) Naphthalene-d8	10.901	136	86598	20.000	ng	0.00
39) Acenaphthene-d10	14.713	164	26743	20.000	ng	0.00
64) Phenanthrene-d10	17.456	188	130675	20.000	ng	0.00
76) Chrysene-d12	21.745	240	52304	20.000	ng	# 0.00
86) Perylene-d12	25.023	264	735	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.655	112	162262	125.877	ng	0.00
7) Phenol-d6	7.253	99	135204	69.111	ng	0.00
23) Nitrobenzene-d5	9.250	82	186276	91.567	ng	0.00
42) 2,4,6-Tribromophenol	16.205	330	134621	341.307	ng	0.00
45) 2-Fluorobiphenyl	13.333	172	412405	225.345	ng	0.00
79) Terphenyl-d14	20.065	244	642938	228.941	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	8.651	70	4815	3.430	ng	# 38
22) Acetophenone	9.056	105	4996	2.108	ng	# 67
34) Hexachlorobutadiene	11.594	225	10487	8.594	ng	# 54
51) 2,6-Dinitrotoluene	14.707	165	3613	8.726	ng	# 16
57) 2,4-Dinitrotoluene	14.707	165	3613	6.020	ng	# 21
67) 4-Bromophenyl-phenylether	16.199	248	8271	5.420	ng	# 1
77) Benzidine	20.065	184	11828	10.492	ng	# 87

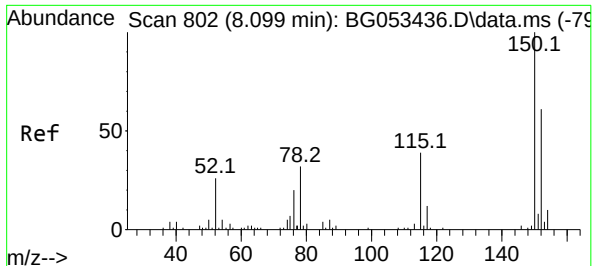
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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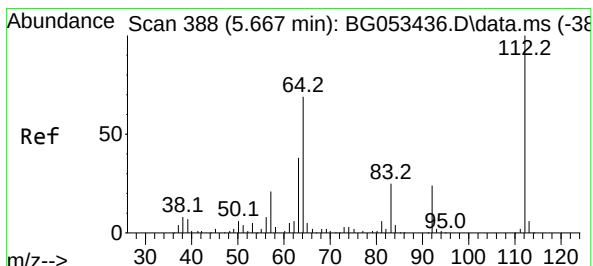
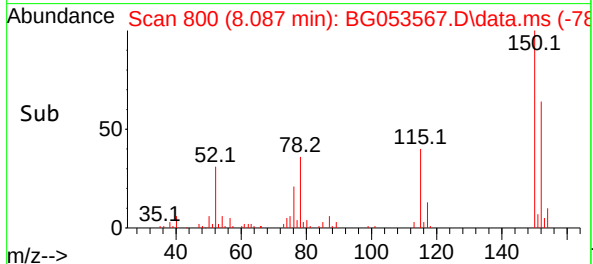
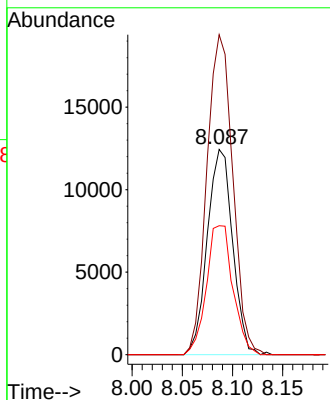
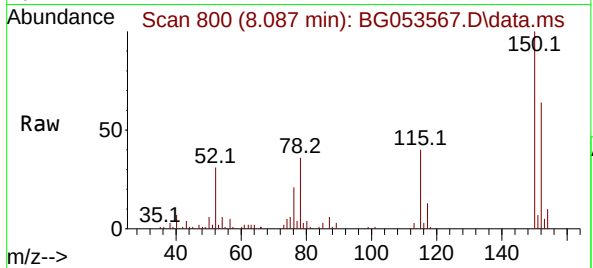




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.087 min Scan# 80
Delta R.T. -0.002 min
Lab File: BG053567.D
Acq: 16 May 2022 14:58

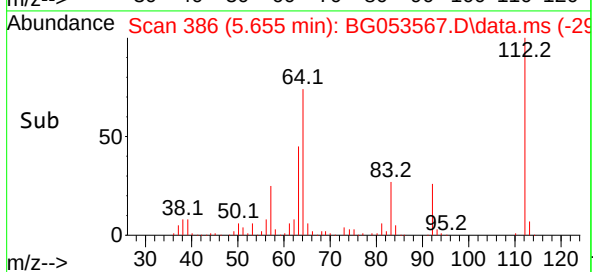
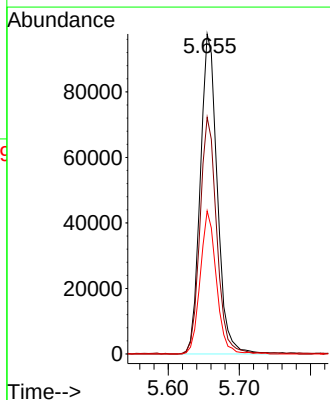
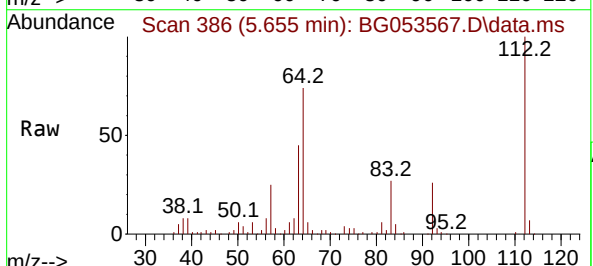
Instrument :
BNA_G
ClientSampleId :
WC-8/9-1

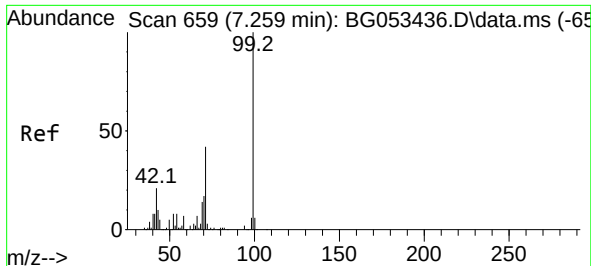
Tgt Ion:152 Resp: 21877
Ion Ratio Lower Upper
152 100
150 155.9 131.6 197.4
115 62.8 50.9 76.3



#5
2-Fluorophenol
Concen: 125.877 ng
RT: 5.655 min Scan# 386
Delta R.T. 0.003 min
Lab File: BG053567.D
Acq: 16 May 2022 14:58

Tgt Ion:112 Resp: 162262
Ion Ratio Lower Upper
112 100
64 73.9 55.1 82.7
63 44.7 30.4 45.6

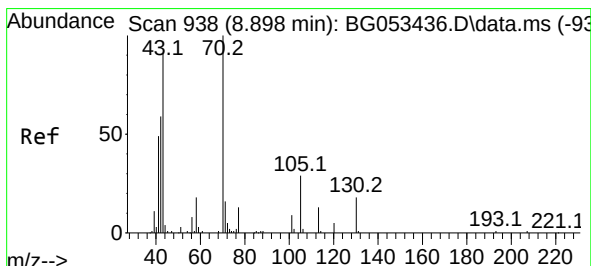
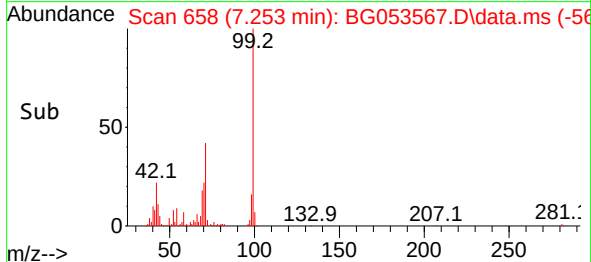
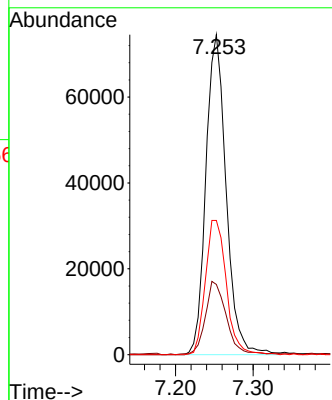
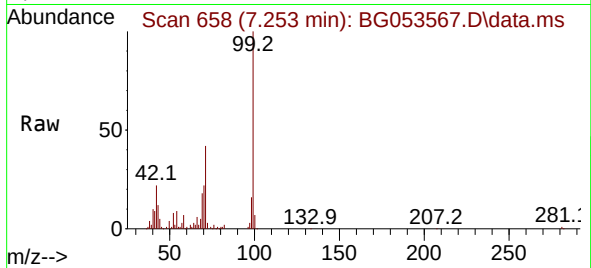




#7
Phenol-d6
Concen: 69.111 ng
RT: 7.253 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG053567.D
Acq: 16 May 2022 14:58

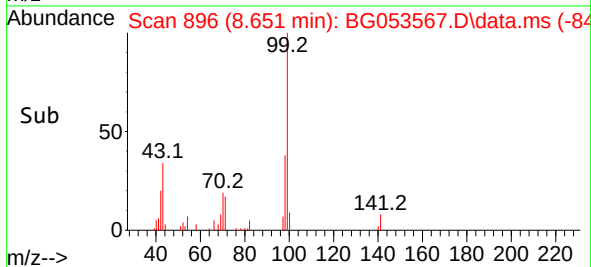
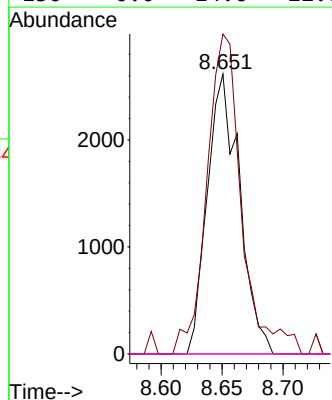
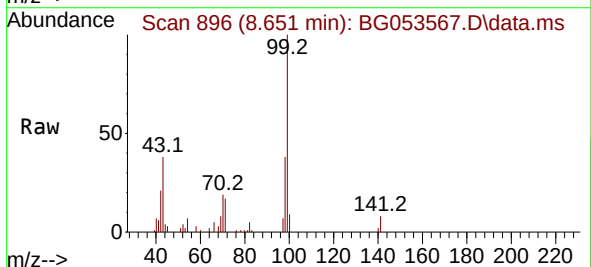
Instrument :
BNA_G
ClientSampleId :
WC-8/9-1

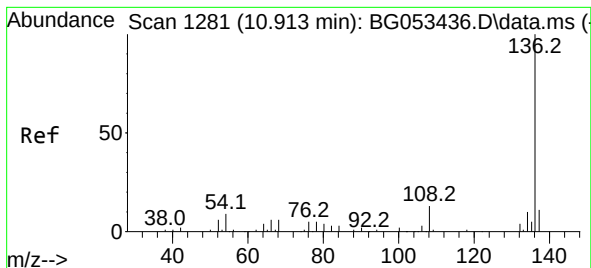
Tgt Ion: 99 Resp: 135204
Ion Ratio Lower Upper
99 100
42 22.0 17.0 25.6
71 42.0 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 3.430 ng
RT: 8.651 min Scan# 896
Delta R.T. -0.238 min
Lab File: BG053567.D
Acq: 16 May 2022 14:58

Tgt Ion: 70 Resp: 4815
Ion Ratio Lower Upper
70 100
42 114.3 47.3 70.9#
101 0.0 7.0 10.4#
130 0.0 14.6 22.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.901 min Scan# 1279

Delta R.T. 0.003 min

Lab File: BG053567.D

Acq: 16 May 2022 14:58

Instrument :

BNA_G

ClientSampleId :

WC-8/9-1

Tgt Ion:136 Resp: 86598

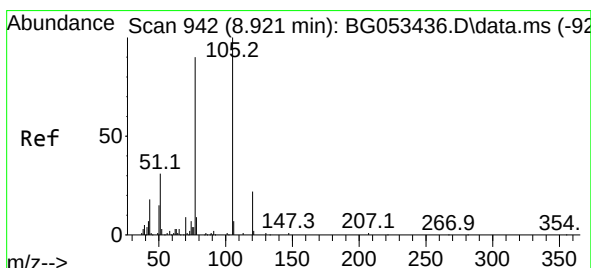
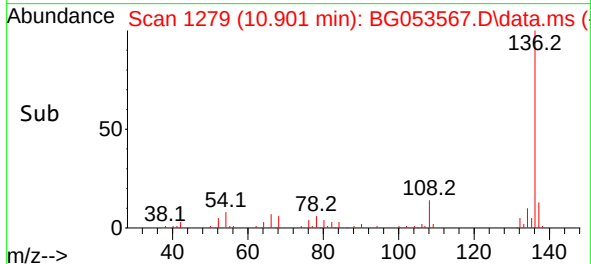
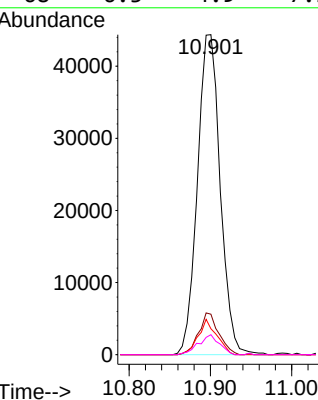
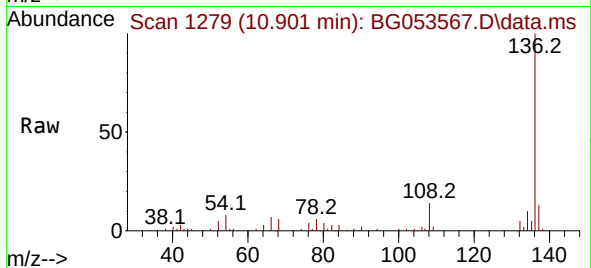
Ion Ratio Lower Upper

136 100

137 12.6 8.5 12.7

54 8.1 7.4 11.2

68 6.3 4.9 7.3



#22

Acetophenone

Concen: 2.108 ng

RT: 9.056 min Scan# 965

Delta R.T. 0.144 min

Lab File: BG053567.D

Acq: 16 May 2022 14:58

Tgt Ion:105 Resp: 4996

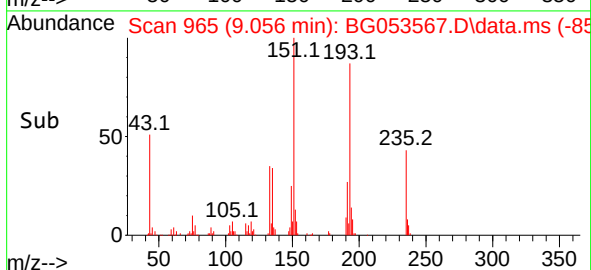
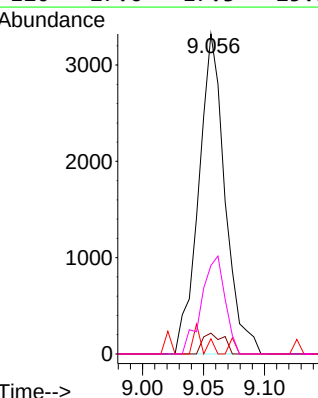
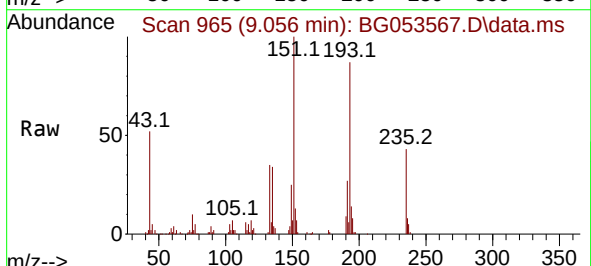
Ion Ratio Lower Upper

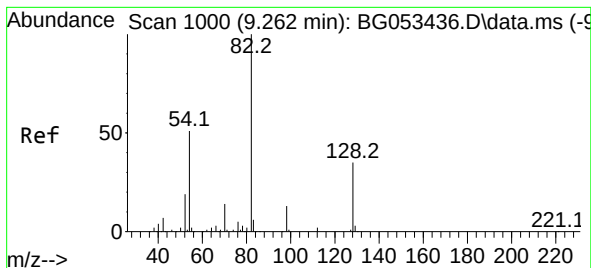
105 100

71 6.5 1.1 1.7#

51 4.8 25.4 38.0#

120 27.6 17.3 25.9#





#23

Nitrobenzene-d5

Concen: 91.567 ng

RT: 9.250 min Scan# 91

Delta R.T. -0.003 min

Lab File: BG053567.D

Acq: 16 May 2022 14:58

Instrument :

BNA_G

ClientSampleId :

WC-8/9-1

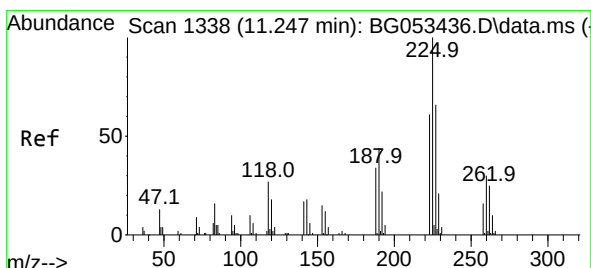
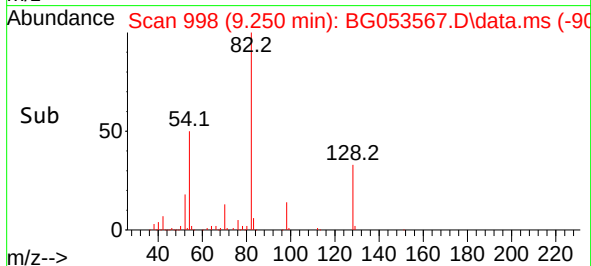
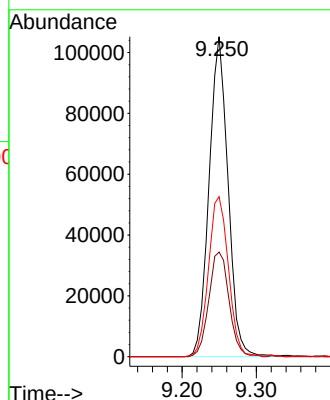
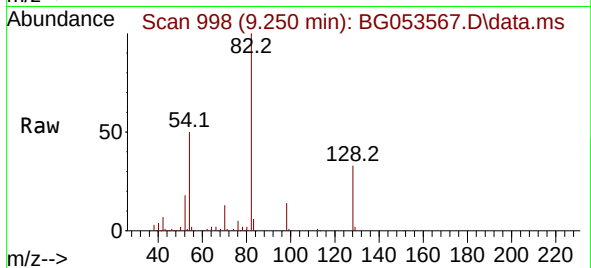
Tgt Ion: 82 Resp: 186276

Ion Ratio Lower Upper

82 100

128 32.7 27.9 41.9

54 50.0 41.2 61.8



#34

Hexachlorobutadiene

Concen: 8.594 ng

RT: 11.594 min Scan# 1397

Delta R.T. 0.356 min

Lab File: BG053567.D

Acq: 16 May 2022 14:58

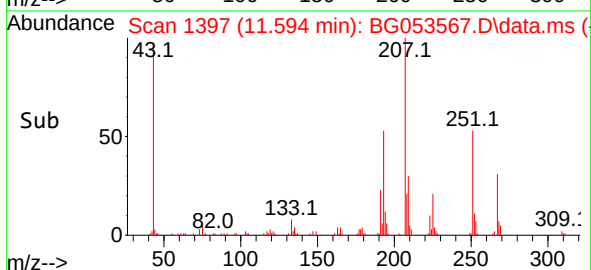
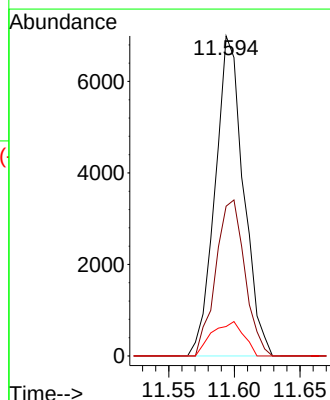
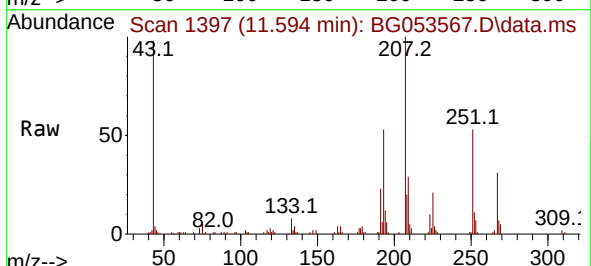
Tgt Ion: 225 Resp: 10487

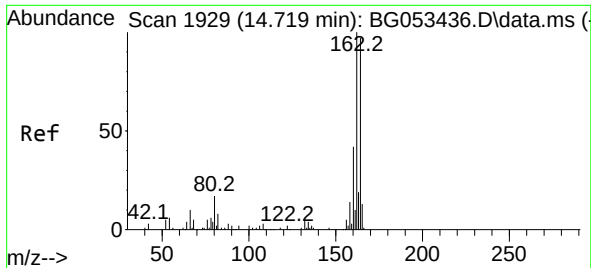
Ion Ratio Lower Upper

225 100

223 46.8 48.9 73.3#

227 9.2 52.8 79.2#

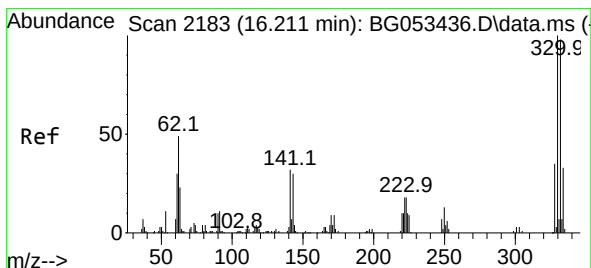
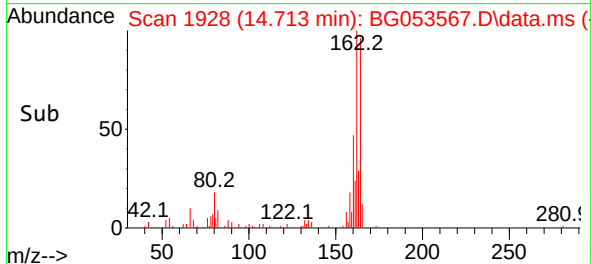
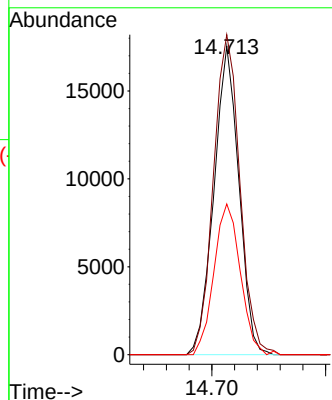
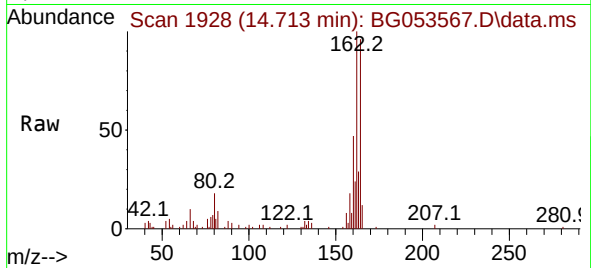




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.713 min Scan# 1928
Delta R.T. -0.003 min
Lab File: BG053567.D
Acq: 16 May 2022 14:58

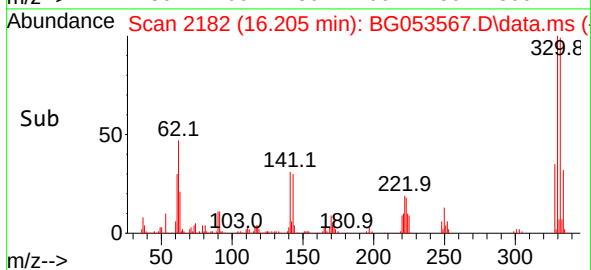
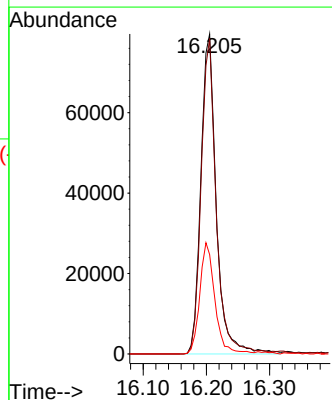
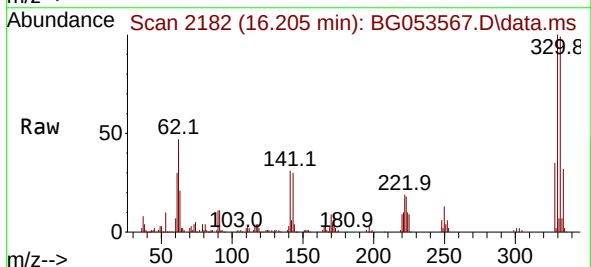
Instrument :
BNA_G
ClientSampleId :
WC-8/9-1

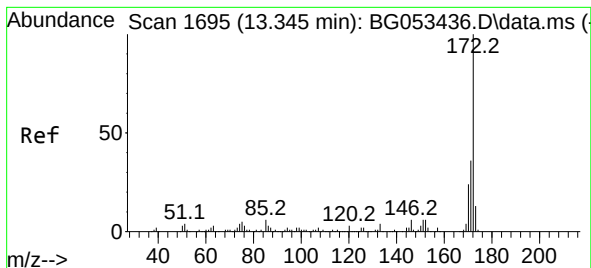
Tgt Ion:164 Resp: 26743
Ion Ratio Lower Upper
164 100
162 103.7 82.3 123.5
160 48.8 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 341.307 ng
RT: 16.205 min Scan# 2182
Delta R.T. 0.003 min
Lab File: BG053567.D
Acq: 16 May 2022 14:58

Tgt Ion:330 Resp: 134621
Ion Ratio Lower Upper
330 100
332 96.1 76.0 114.0
141 34.1 27.1 40.7





#45

2-Fluorobiphenyl

Concen: 225.345 ng

RT: 13.333 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG053567.D

Acq: 16 May 2022 14:58

Instrument :

BNA_G

ClientSampleId :

WC-8/9-1

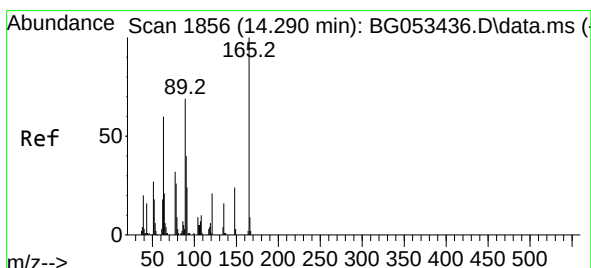
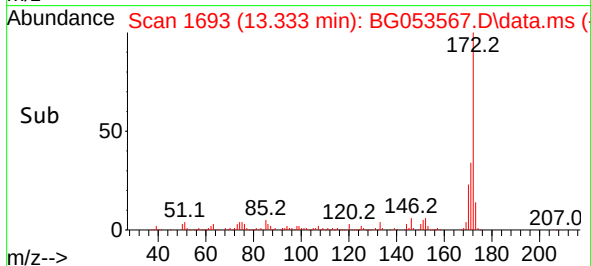
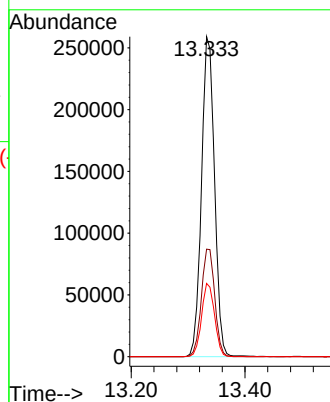
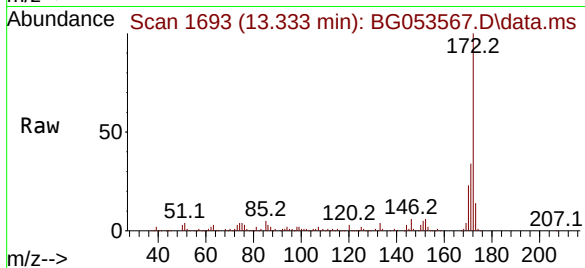
Tgt Ion:172 Resp: 412405

Ion Ratio Lower Upper

172 100

171 33.6 28.5 42.7

170 22.9 18.9 28.3



#51

2,6-Dinitrotoluene

Concen: 8.726 ng

RT: 14.707 min Scan# 1927

Delta R.T. 0.426 min

Lab File: BG053567.D

Acq: 16 May 2022 14:58

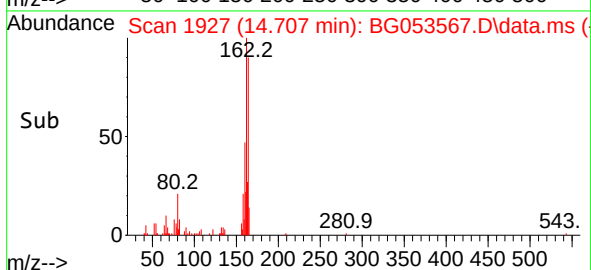
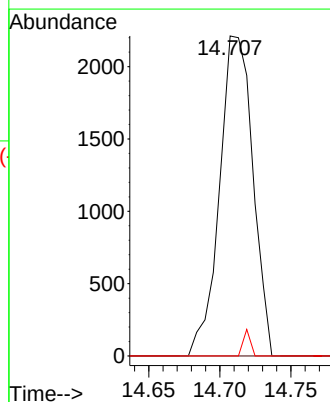
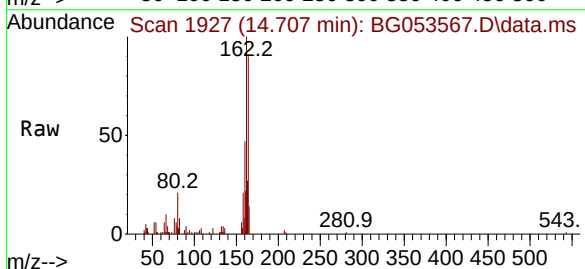
Tgt Ion:165 Resp: 3613

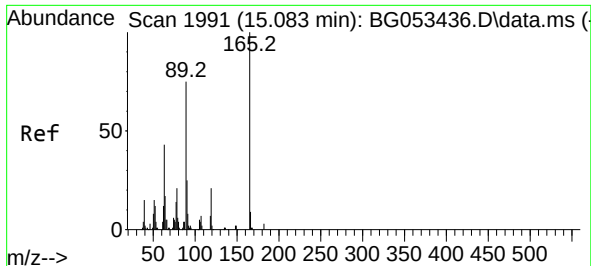
Ion Ratio Lower Upper

165 100

63 0.0 54.1 81.1#

89 0.0 54.8 82.2#

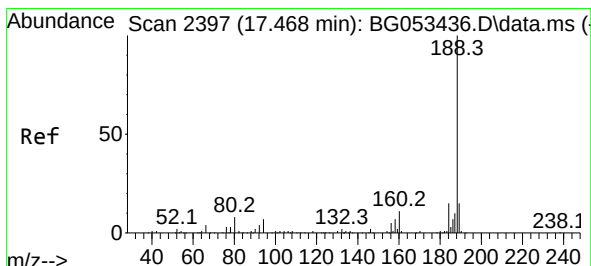
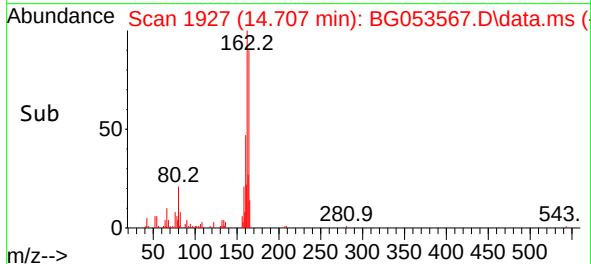
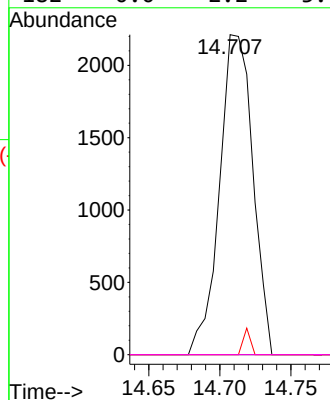
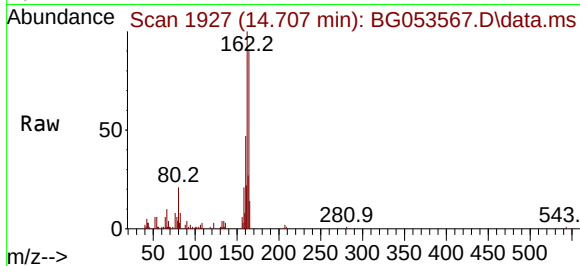




#57
2,4-Dinitrotoluene
Concen: 6.020 ng
RT: 14.707 min Scan# 1927
Delta R.T. -0.367 min
Lab File: BG053567.D
Acq: 16 May 2022 14:58

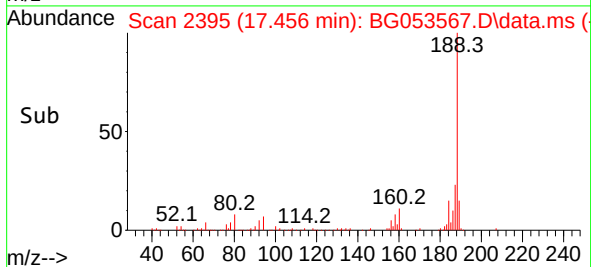
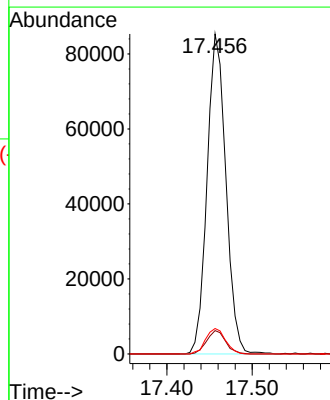
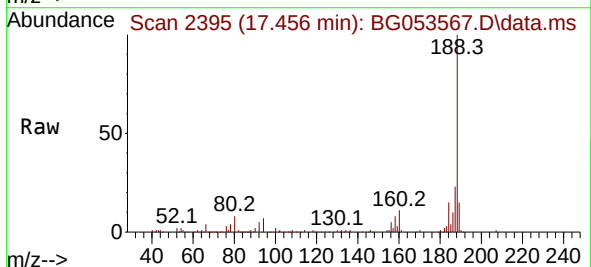
Instrument :
BNA_G
ClientSampleId :
WC-8/9-1

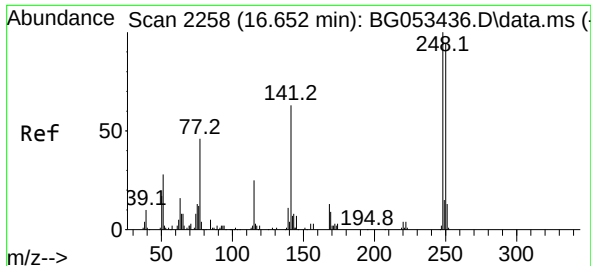
Tgt Ion:165 Resp: 3613
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.456 min Scan# 2395
Delta R.T. -0.003 min
Lab File: BG053567.D
Acq: 16 May 2022 14:58

Tgt Ion:188 Resp: 130675
Ion Ratio Lower Upper
188 100
94 7.3 5.4 8.0
80 8.0 6.8 10.2

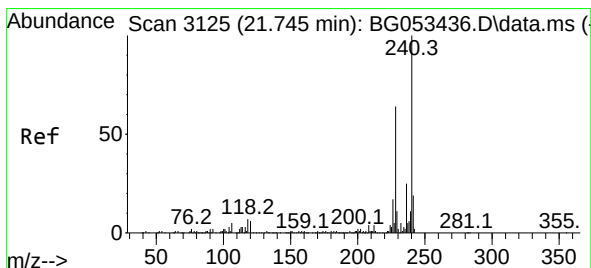
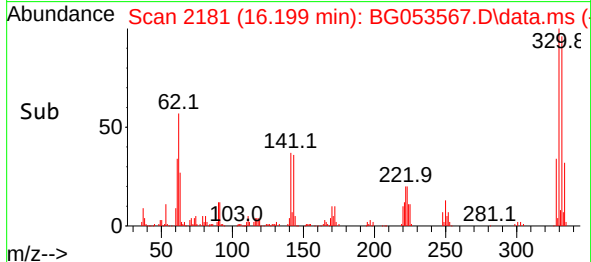
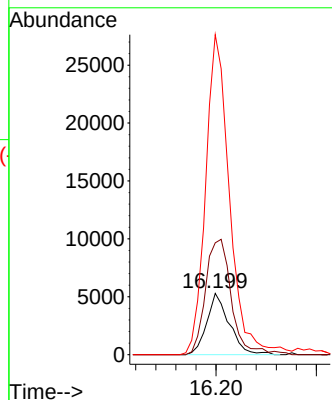
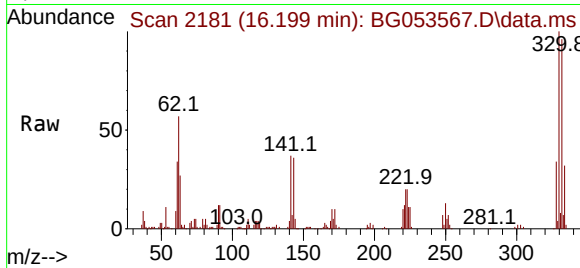




#67
4-Bromophenyl-phenylether
Concen: 5.420 ng
RT: 16.199 min Scan# 2181
Delta R.T. -0.443 min
Lab File: BG053567.D
Acq: 16 May 2022 14:58

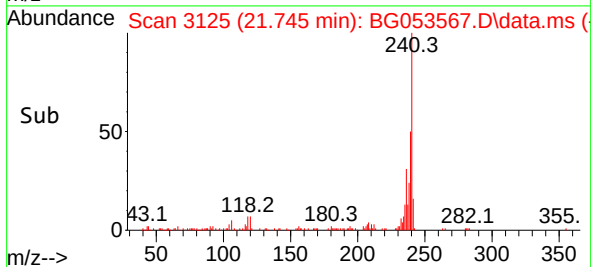
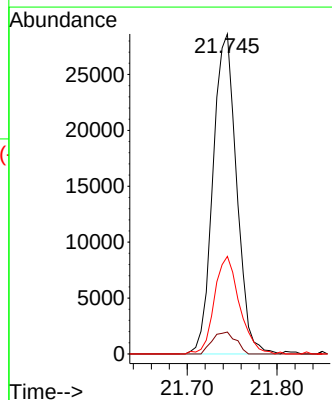
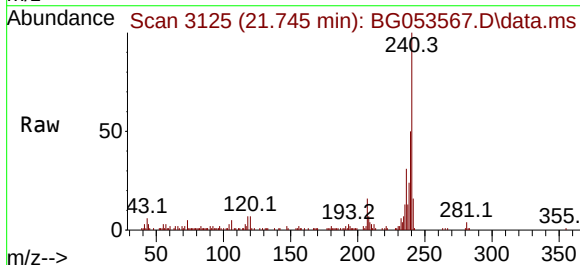
Instrument :
BNA_G
ClientSampleId :
WC-8/9-1

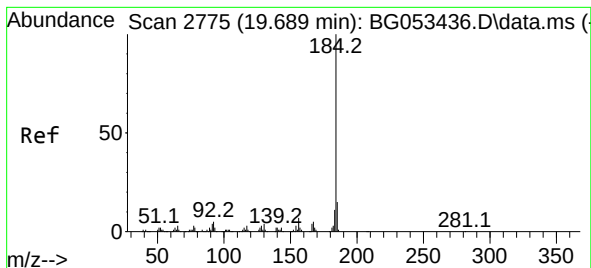
Tgt Ion:248 Resp: 8271
Ion Ratio Lower Upper
248 100
250 182.3 75.2 112.8#
141 521.7 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.745 min Scan# 3125
Delta R.T. 0.003 min
Lab File: BG053567.D
Acq: 16 May 2022 14:58

Tgt Ion:240 Resp: 52304
Ion Ratio Lower Upper
240 100
120 6.9 4.6 7.0
236 30.5 20.2 30.4#





#77

Benzidine

Concen: 10.492 ng

RT: 20.065 min Scan# 2839

Delta R.T. 0.385 min

Lab File: BG053567.D

Acq: 16 May 2022 14:58

Instrument :

BNA_G

ClientSampleId :

WC-8/9-1

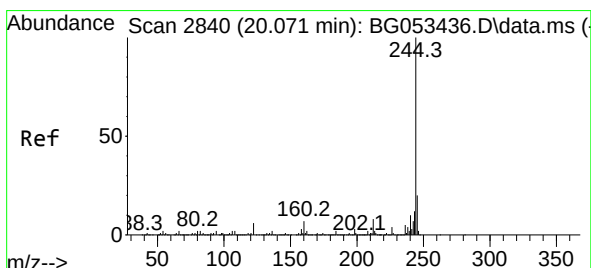
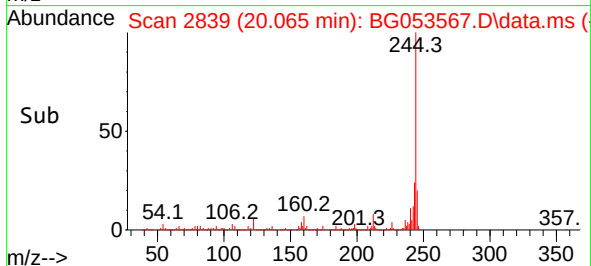
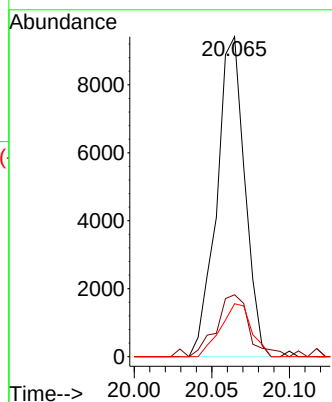
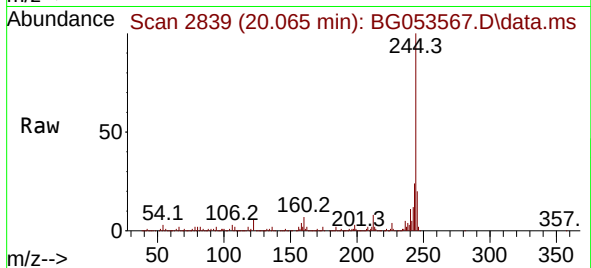
Tgt Ion:184 Resp: 11828

Ion Ratio Lower Upper

184 100

185 19.3 11.8 17.6#

183 16.5 8.9 13.3#



#79

Terphenyl-d14

Concen: 228.941 ng

RT: 20.065 min Scan# 2839

Delta R.T. 0.003 min

Lab File: BG053567.D

Acq: 16 May 2022 14:58

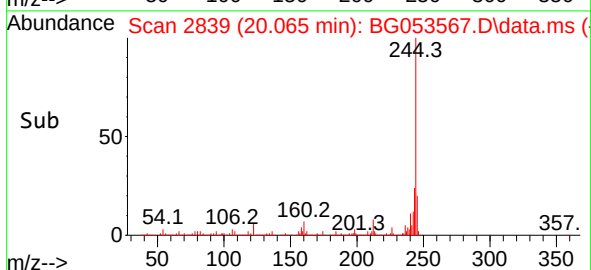
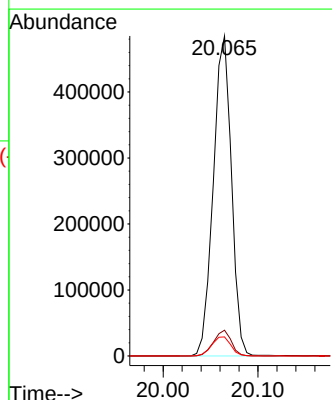
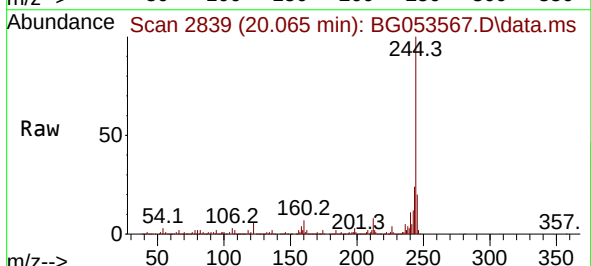
Tgt Ion:244 Resp: 642938

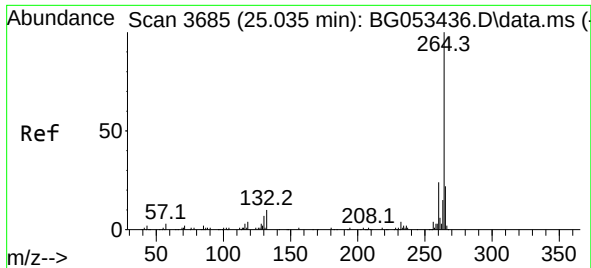
Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

122 6.0 5.0 7.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.023 min Scan# 30
 Delta R.T. 0.003 min
 Lab File: BG053567.D
 Acq: 16 May 2022 14:58

Instrument :
 BNA_G
 ClientSampleId :
 WC-8/9-1

Tgt Ion:264 Resp: 735
 Ion Ratio Lower Upper
 264 100
 260 0.0 19.0 28.6#
 265 101.1 17.4 26.2#

