

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051722\
 Data File : BG053583.D
 Acq On : 17 May 2022 14:30
 Operator : CG/JU
 Sample : N2806-02RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: May 17 15:28:37 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)

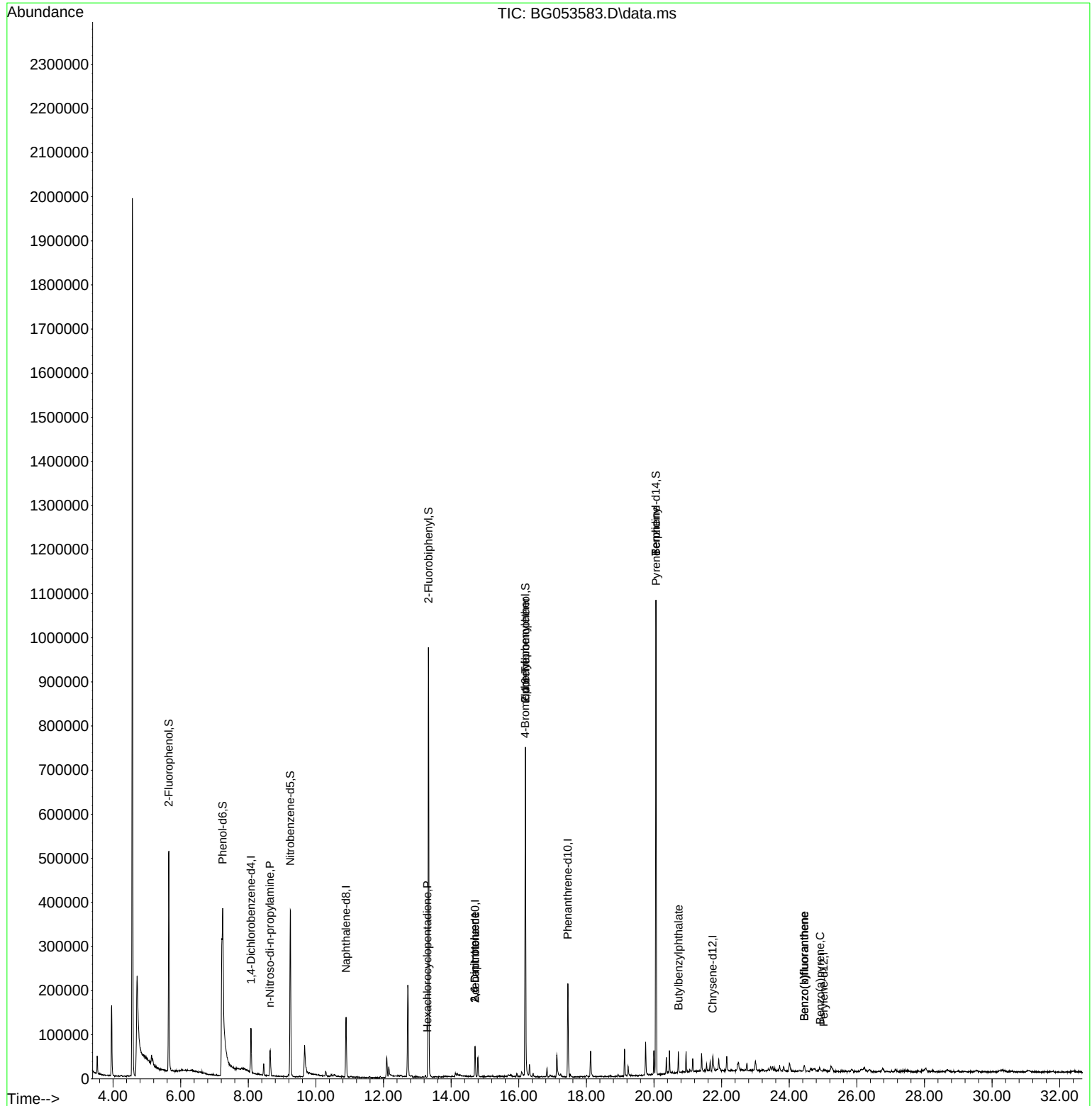
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.078	152	28183	20.000	ng	-0.01
21) Naphthalene-d8	10.892	136	106470	20.000	ng	0.00
39) Acenaphthene-d10	14.710	164	21275	20.000	ng	0.00
64) Phenanthrene-d10	17.453	188	99976	20.000	ng	0.00
76) Chrysene-d12	21.736	240	9458	20.000	ng	# 0.00
86) Perylene-d12	25.020	264	61	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.652	112	203362	122.461	ng	0.00
7) Phenol-d6	7.244	99	111105	44.085	ng	0.00
23) Nitrobenzene-d5	9.241	82	245386	98.109	ng	-0.01
42) 2,4,6-Tribromophenol	16.196	330	150999	481.223	ng	0.00
45) 2-Fluorobiphenyl	13.330	172	514729	353.543	ng	0.00
79) Terphenyl-d14	20.056	244	387492	763.049	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.642	70	6330	3.501	ng	# 53
41) Hexachlorocyclopentadiene	13.294	237	70	9.064	ng	# 26
51) 2,6-Dinitrotoluene	14.704	165	2985	9.063	ng	# 16
57) 2,4-Dinitrotoluene	14.704	165	2985	6.252	ng	# 21
58) Fluorene	16.196	166	3783	2.429	ng	# 69
67) 4-Bromophenyl-phenylether	16.190	248	9241	7.914	ng	# 1
77) Benzidine	20.056	184	8139	39.925	ng	# 75
78) Pyrene	20.062	202	1683	2.749	ng	# 77
80) Butylbenzylphthalate	20.725	149	944	4.205	ng	# 22
88) Benzo(b)fluoranthene	24.444	252	66	18.279	ng	# 1
89) Benzo(k)fluoranthene	24.444	252	66	18.602	ng	# 1
90) Benzo(a)pyrene	24.914	252	80	26.031	ng	# 15

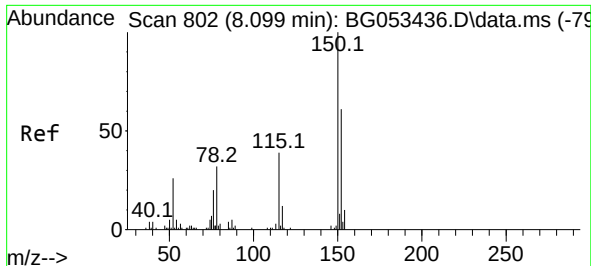
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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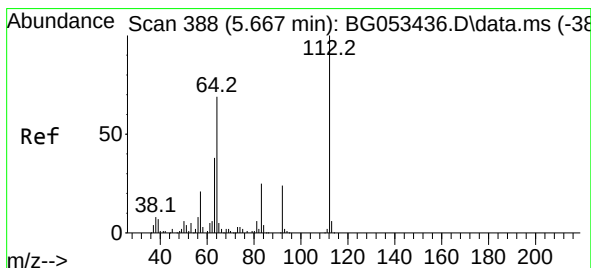
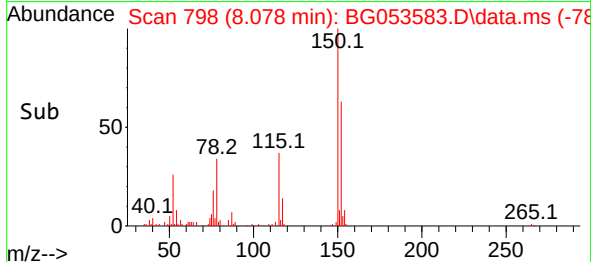
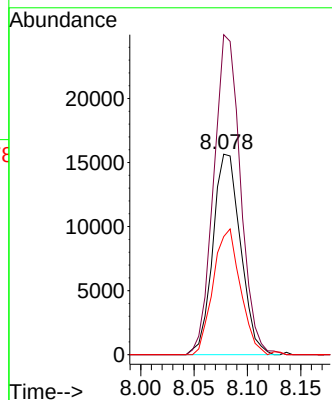
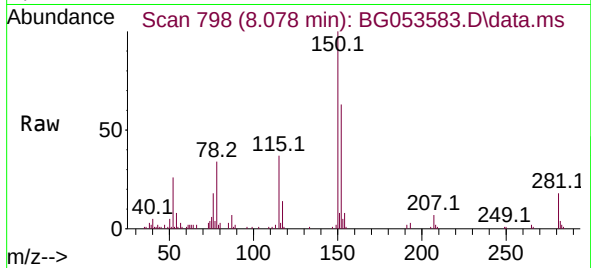




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.078 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BG053583.D
 Acq: 17 May 2022 14:30

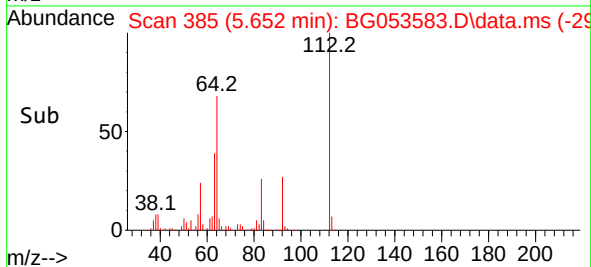
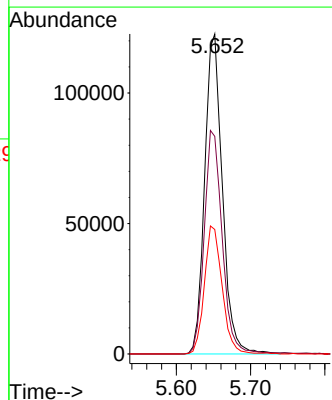
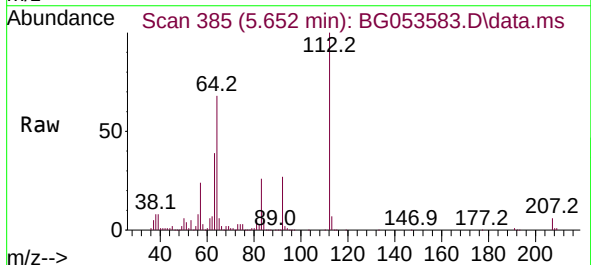
Instrument :
 BNA_G
 ClientSampleId :
 WC-8/9-1RE

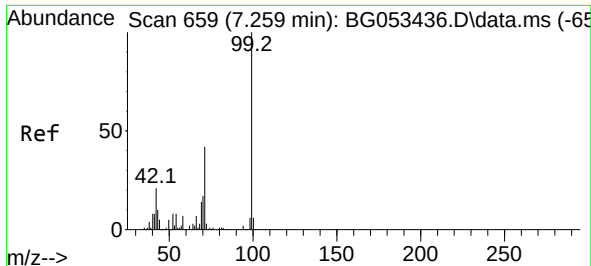
Tgt Ion:152 Resp: 28183
 Ion Ratio Lower Upper
 152 100
 150 159.7 131.6 197.4
 115 58.9 50.9 76.3



#5
 2-Fluorophenol
 Concen: 122.461 ng
 RT: 5.652 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: BG053583.D
 Acq: 17 May 2022 14:30

Tgt Ion:112 Resp: 203362
 Ion Ratio Lower Upper
 112 100
 64 68.0 55.1 82.7
 63 38.9 30.4 45.6

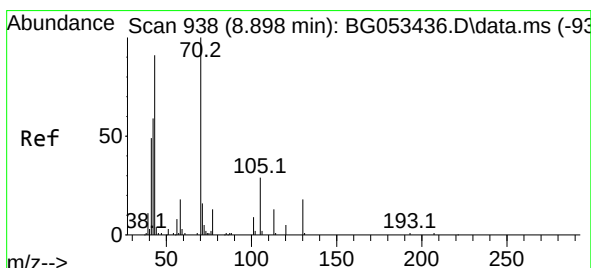
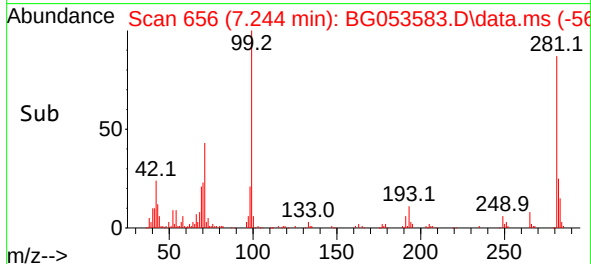
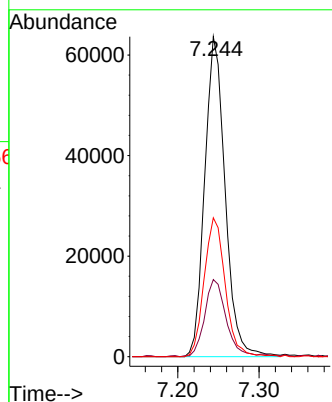
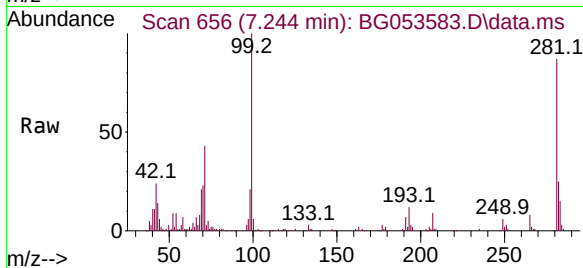




#7
Phenol-d6
Concen: 44.085 ng
RT: 7.244 min Scan# 611
Delta R.T. -0.006 min
Lab File: BG053583.D
Acq: 17 May 2022 14:30

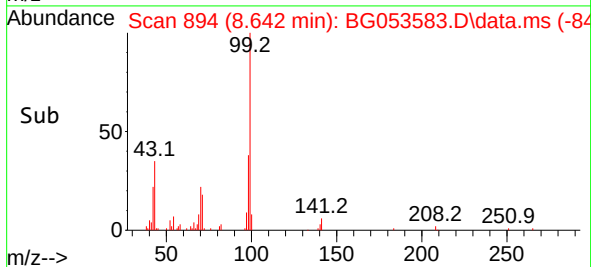
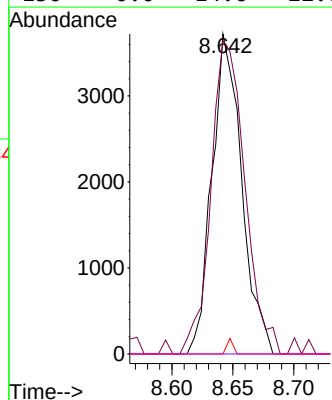
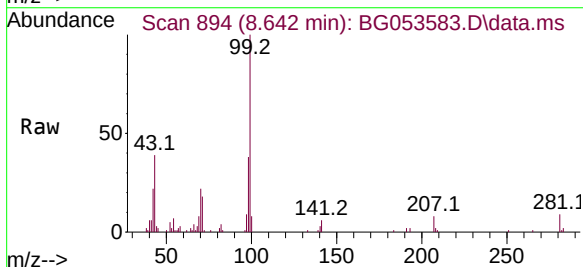
Instrument :
BNA_G
ClientSampleId :
WC-8/9-1RE

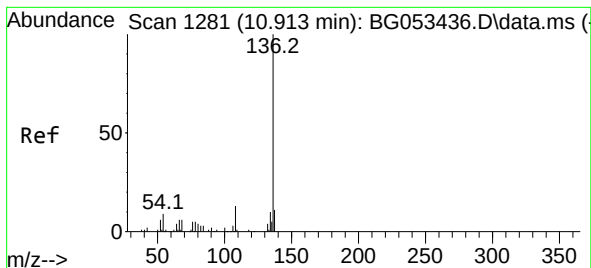
Tgt Ion: 99 Resp: 111105
Ion Ratio Lower Upper
99 100
42 24.1 17.0 25.6
71 43.4 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 3.501 ng
RT: 8.642 min Scan# 894
Delta R.T. -0.247 min
Lab File: BG053583.D
Acq: 17 May 2022 14:30

Tgt Ion: 70 Resp: 6330
Ion Ratio Lower Upper
70 100
42 97.9 47.3 70.9#
101 0.0 7.0 10.4#
130 0.0 14.6 22.0#

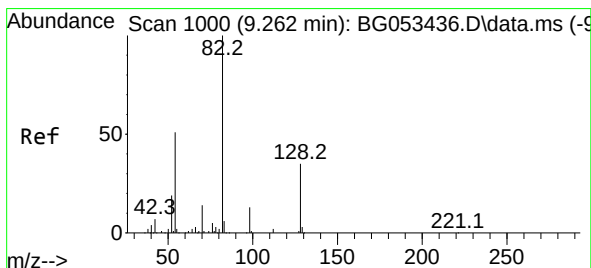
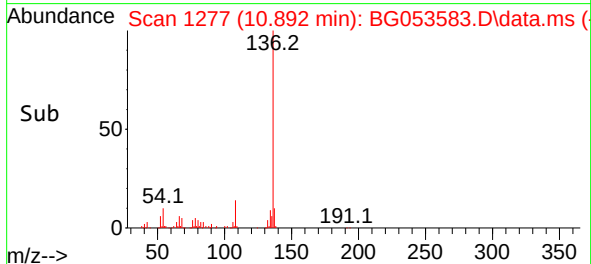
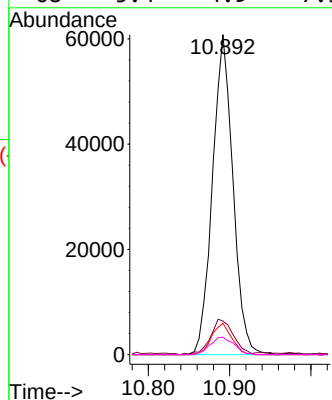
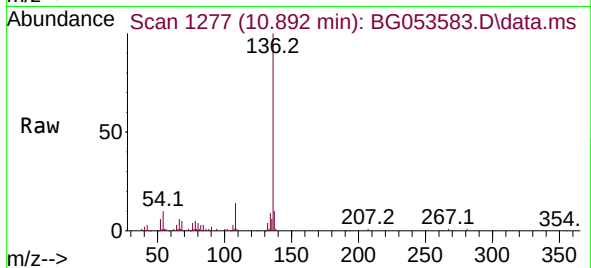




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.892 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG053583.D
Acq: 17 May 2022 14:30

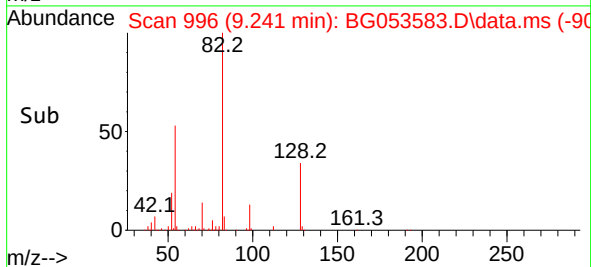
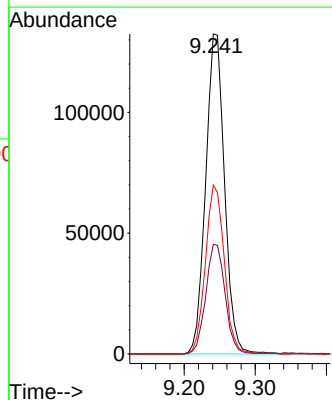
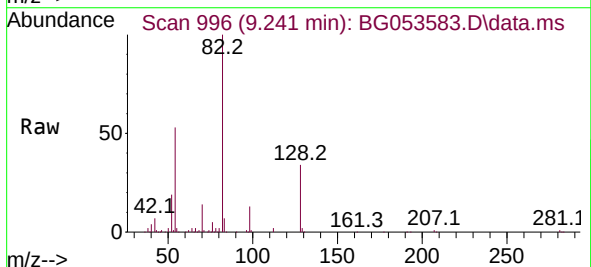
Instrument :
BNA_G
ClientSampleId :
WC-8/9-1RE

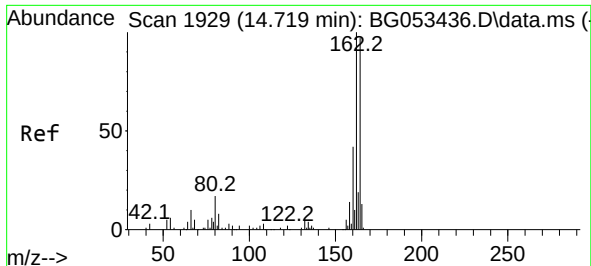
Tgt Ion:136 Resp: 106470
Ion Ratio Lower Upper
136 100
137 10.5 8.5 12.7
54 9.8 7.4 11.2
68 5.4 4.9 7.3



#23
Nitrobenzene-d5
Concen: 98.109 ng
RT: 9.241 min Scan# 996
Delta R.T. -0.012 min
Lab File: BG053583.D
Acq: 17 May 2022 14:30

Tgt Ion: 82 Resp: 245386
Ion Ratio Lower Upper
82 100
128 34.3 27.9 41.9
54 52.8 41.2 61.8

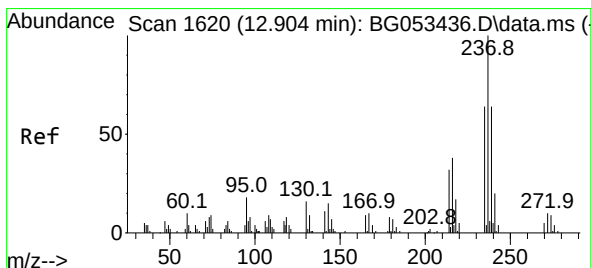
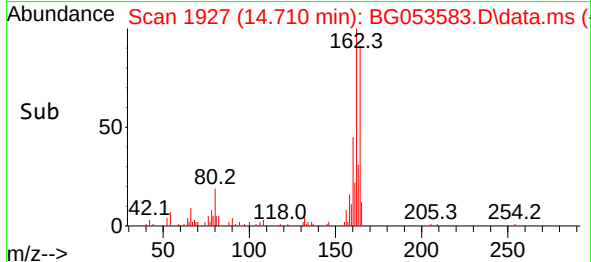
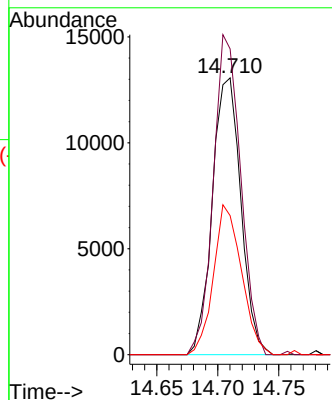
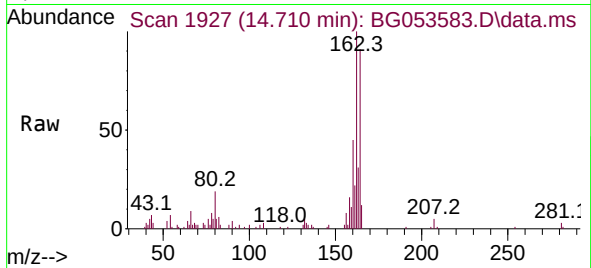




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.710 min Scan# 1929
Delta R.T. -0.006 min
Lab File: BG053583.D
Acq: 17 May 2022 14:30

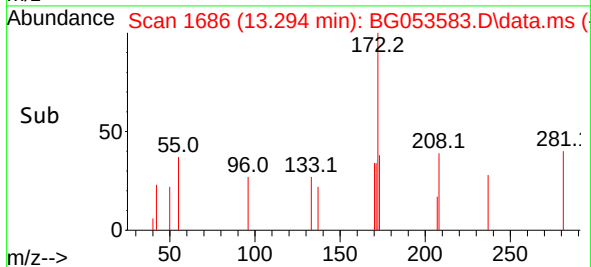
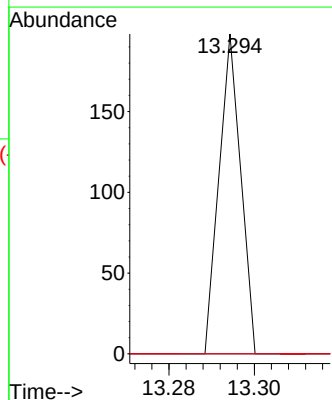
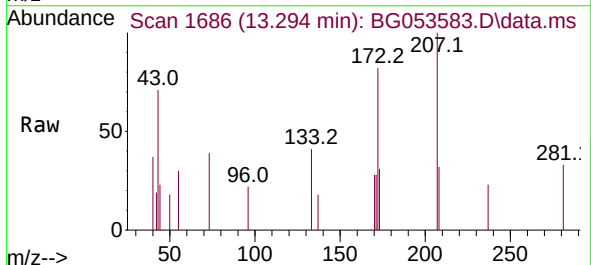
Instrument :
BNA_G
ClientSampleId :
WC-8/9-1RE

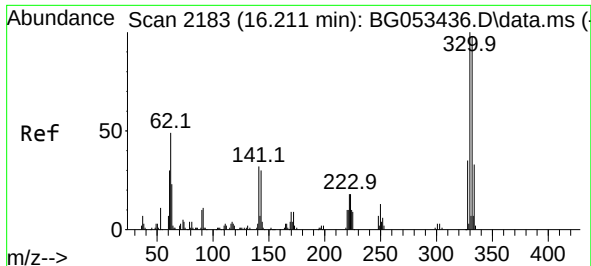
Tgt Ion:164 Resp: 21275
Ion Ratio Lower Upper
164 100
162 110.5 82.3 123.5
160 50.2 34.2 51.2



#41
Hexachlorocyclopentadiene
Concen: 9.064 ng
RT: 13.294 min Scan# 1686
Delta R.T. 0.394 min
Lab File: BG053583.D
Acq: 17 May 2022 14:30

Tgt Ion:237 Resp: 70
Ion Ratio Lower Upper
237 100
235 0.0 43.5 83.5#
272 0.0 0.0 30.1

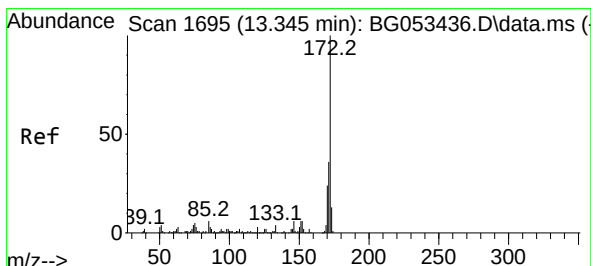
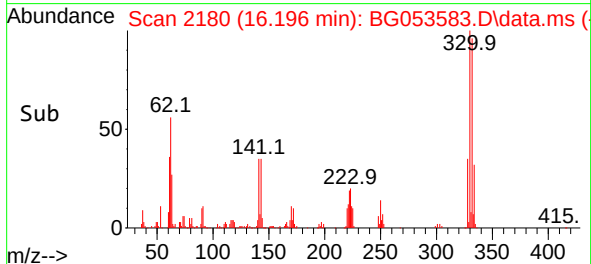
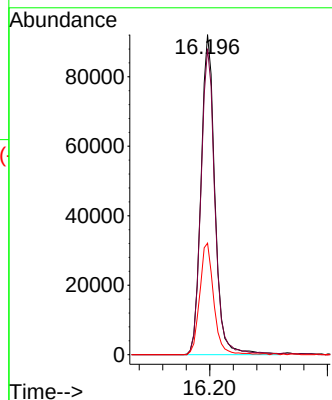
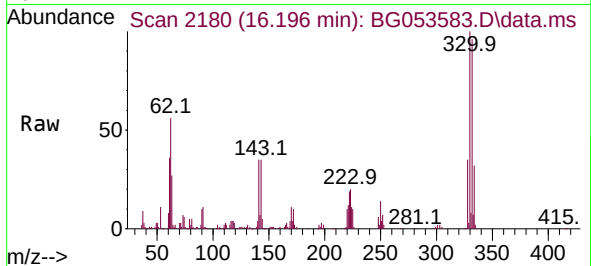




#42
2,4,6-Tribromophenol
Concen: 481.223 ng
RT: 16.196 min Scan# 2183
Delta R.T. -0.006 min
Lab File: BG053583.D
Acq: 17 May 2022 14:30

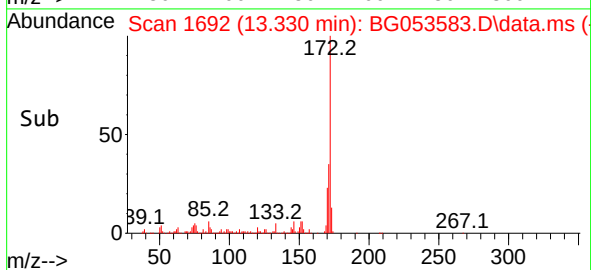
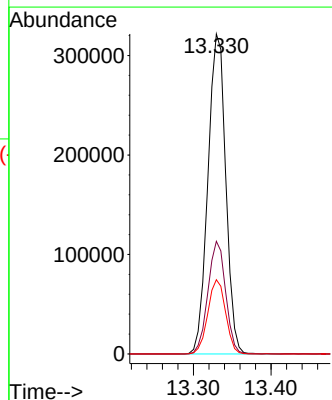
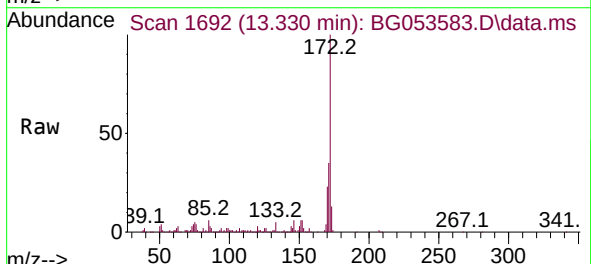
Instrument :
BNA_G
ClientSampleId :
WC-8/9-1RE

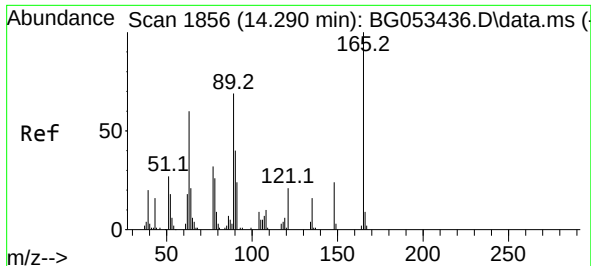
Tgt Ion:330 Resp: 150999
Ion Ratio Lower Upper
330 100
332 95.7 76.0 114.0
141 35.2 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 353.543 ng
RT: 13.330 min Scan# 1692
Delta R.T. -0.006 min
Lab File: BG053583.D
Acq: 17 May 2022 14:30

Tgt Ion:172 Resp: 514729
Ion Ratio Lower Upper
172 100
171 35.2 28.5 42.7
170 23.2 18.9 28.3

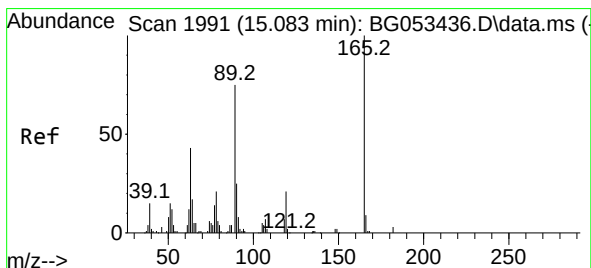
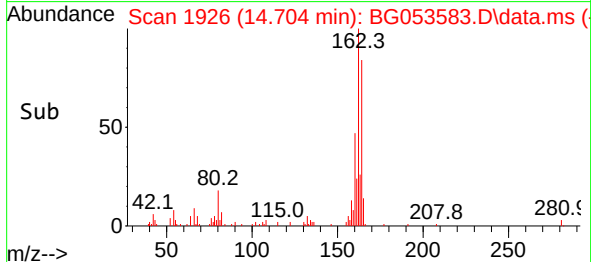
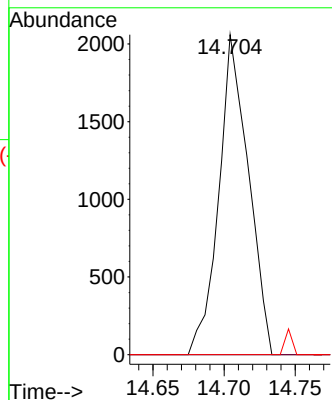
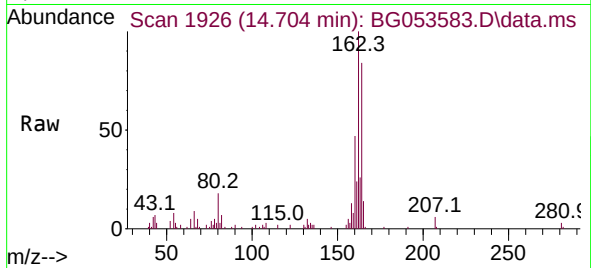




#51
2,6-Dinitrotoluene
Concen: 9.063 ng
RT: 14.704 min Scan# 1926
Delta R.T. 0.423 min
Lab File: BG053583.D
Acq: 17 May 2022 14:30

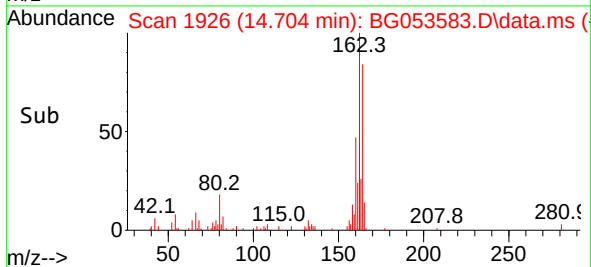
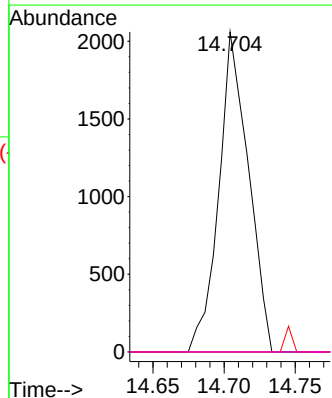
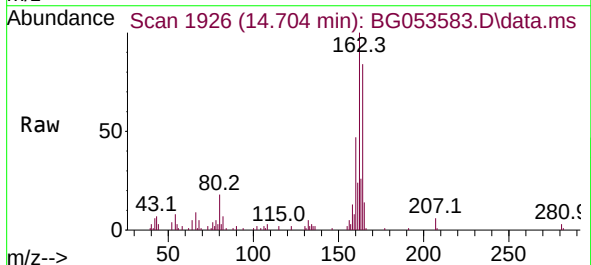
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WC-8/9-1RE

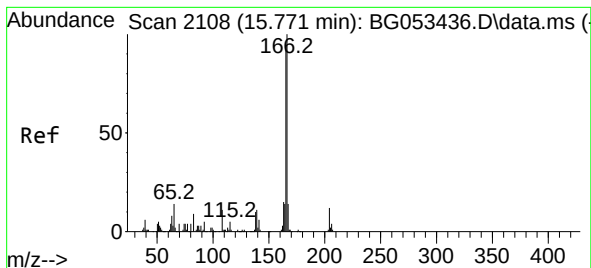
Tgt Ion:165 Resp: 2985
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#



#57
2,4-Dinitrotoluene
Concen: 6.252 ng
RT: 14.704 min Scan# 1926
Delta R.T. -0.370 min
Lab File: BG053583.D
Acq: 17 May 2022 14:30

Tgt Ion:165 Resp: 2985
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#





#58

Fluorene

Concen: 2.429 ng

RT: 16.196 min Scan# 2108

Delta R.T. 0.435 min

Lab File: BG053583.D

Acq: 17 May 2022 14:30

Instrument :

BNA_G

ClientSampleId :

WC-8/9-1RE

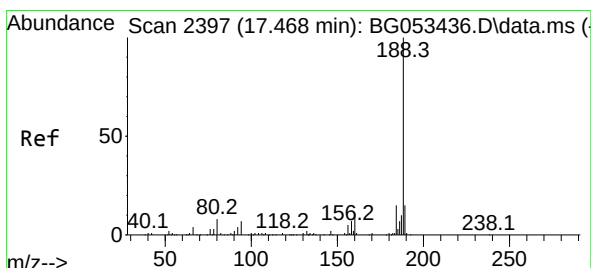
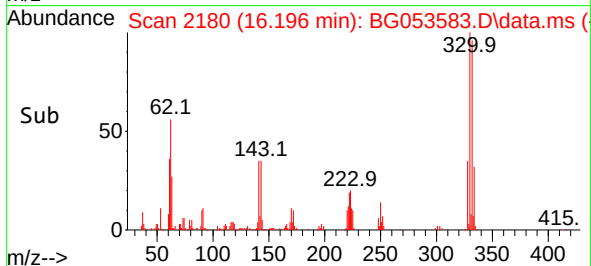
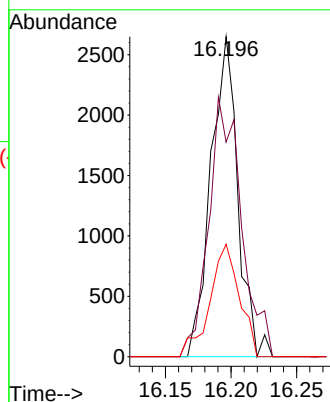
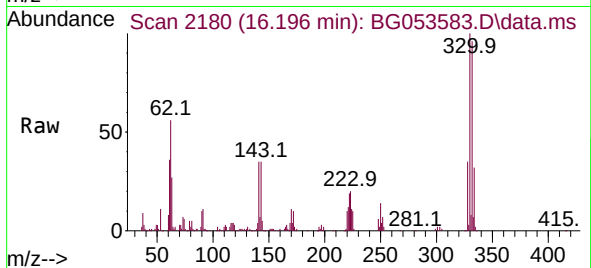
Tgt Ion:166 Resp: 3783

Ion Ratio Lower Upper

166 100

165 67.0 75.0 112.6#

167 35.1 10.8 16.2#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.453 min Scan# 2394

Delta R.T. -0.006 min

Lab File: BG053583.D

Acq: 17 May 2022 14:30

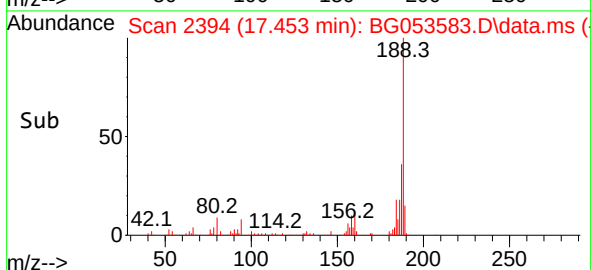
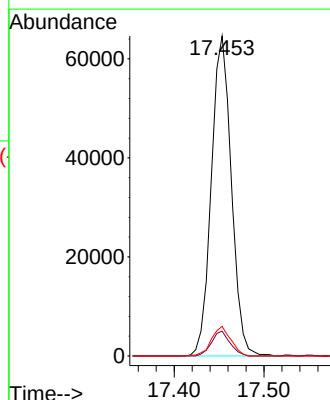
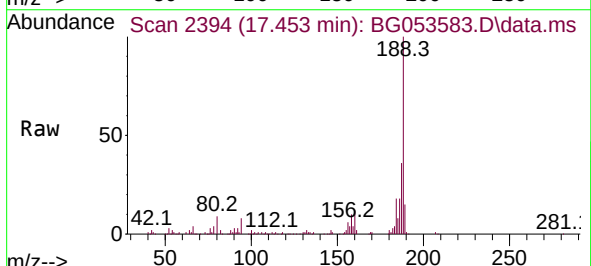
Tgt Ion:188 Resp: 99976

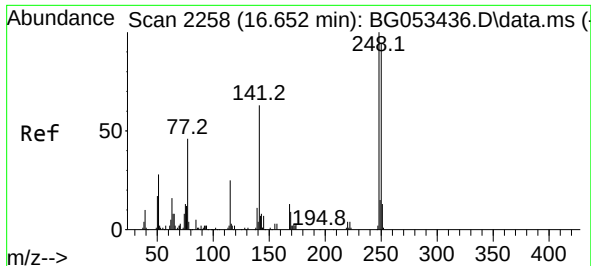
Ion Ratio Lower Upper

188 100

94 7.8 5.4 8.0

80 9.3 6.8 10.2

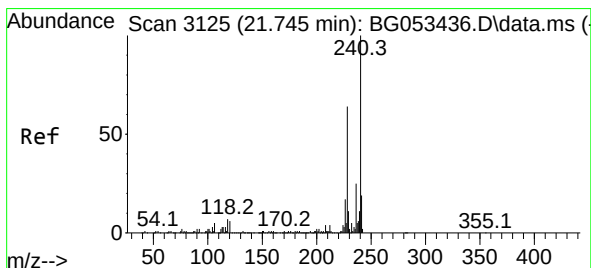
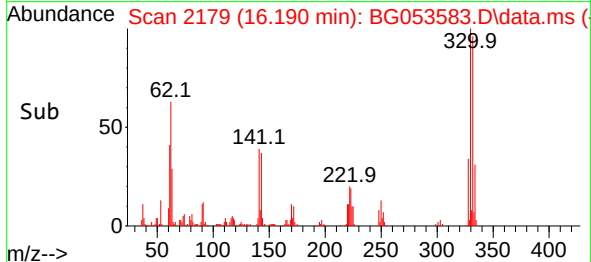
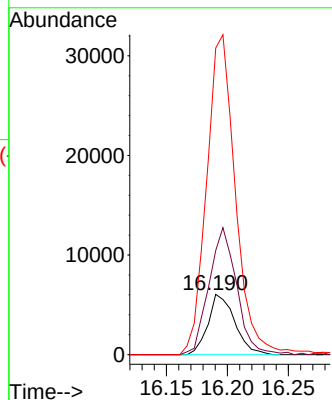
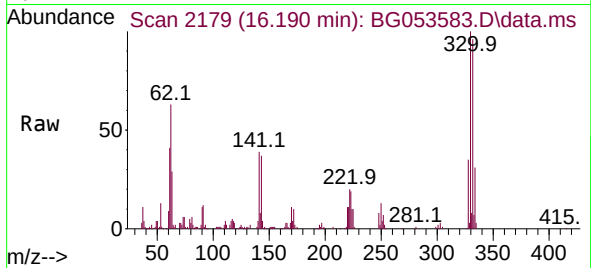




#67
4-Bromophenyl-phenylether
Concen: 7.914 ng
RT: 16.190 min Scan# 21
Delta R.T. -0.452 min
Lab File: BG053583.D
Acq: 17 May 2022 14:30

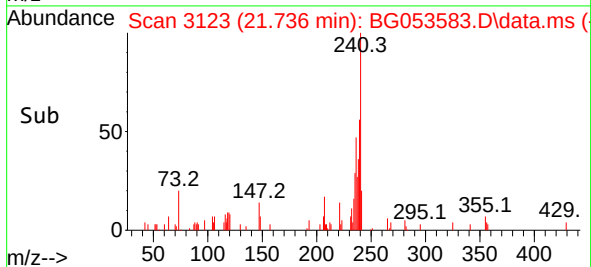
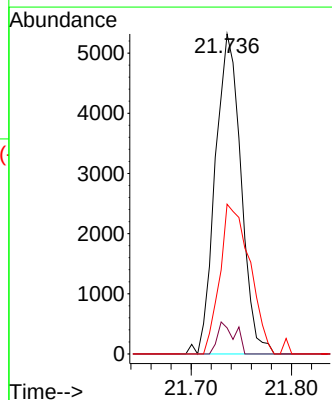
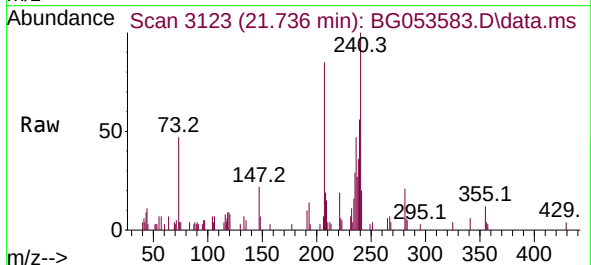
Instrument :
BNA_G
ClientSampleId :
WC-8/9-1RE

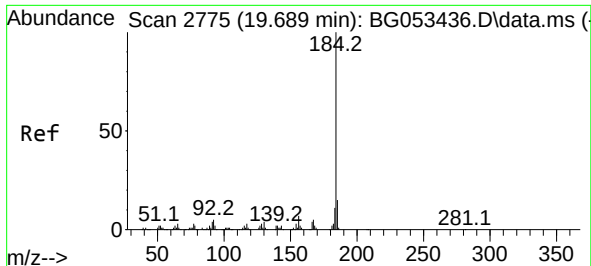
Tgt Ion:248 Resp: 9241
Ion Ratio Lower Upper
248 100
250 172.9 75.2 112.8#
141 508.7 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.736 min Scan# 3123
Delta R.T. -0.006 min
Lab File: BG053583.D
Acq: 17 May 2022 14:30

Tgt Ion:240 Resp: 9458
Ion Ratio Lower Upper
240 100
120 8.2 4.6 7.0#
236 46.8 20.2 30.4#

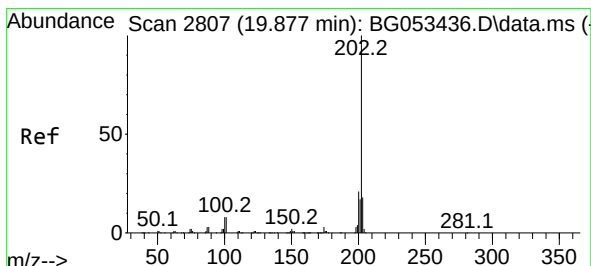
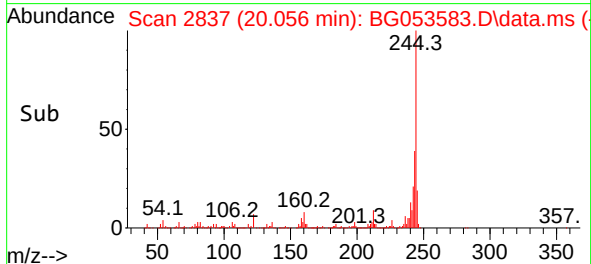
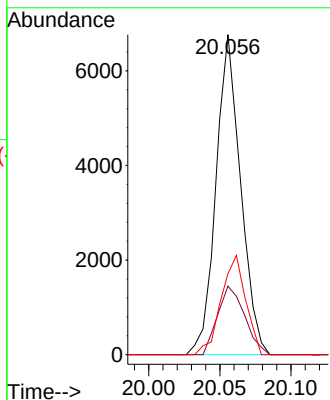
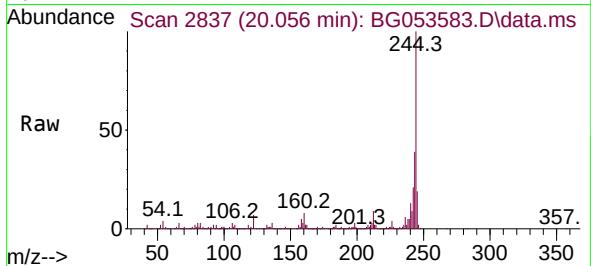




#77
Benzidine
Concen: 39.925 ng
RT: 20.056 min Scan# 21
Delta R.T. 0.376 min
Lab File: BG053583.D
Acq: 17 May 2022 14:30

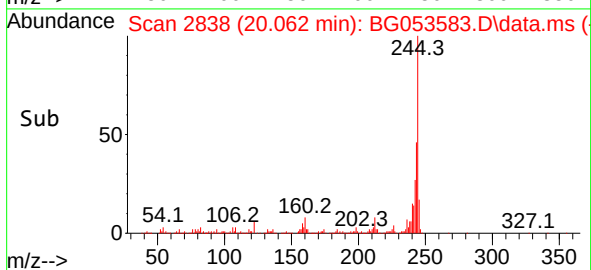
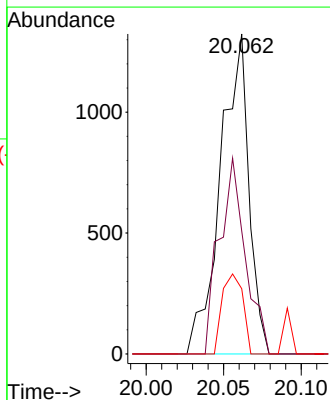
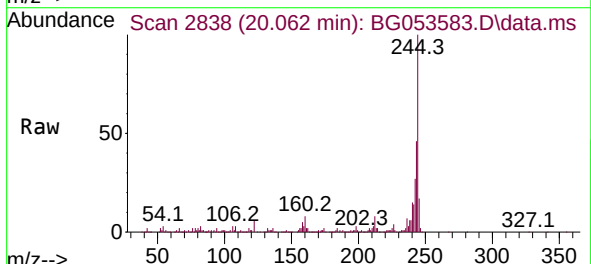
Instrument :
BNA_G
ClientSampleId :
WC-8/9-1RE

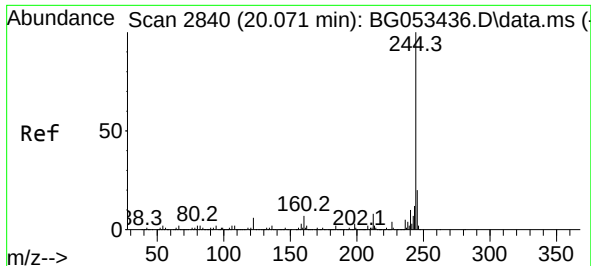
Tgt Ion:184 Resp: 8139
Ion Ratio Lower Upper
184 100
185 21.4 11.8 17.6#
183 25.3 8.9 13.3#



#78
Pyrene
Concen: 2.749 ng
RT: 20.062 min Scan# 2838
Delta R.T. 0.188 min
Lab File: BG053583.D
Acq: 17 May 2022 14:30

Tgt Ion:202 Resp: 1683
Ion Ratio Lower Upper
202 100
200 38.4 16.6 24.8#
203 20.4 14.6 21.8

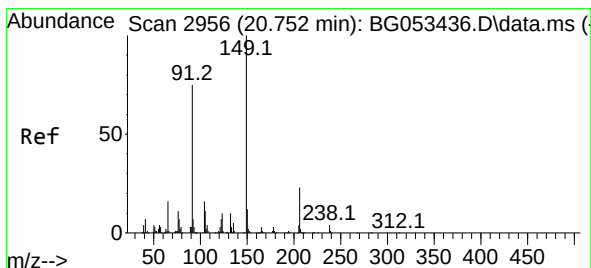
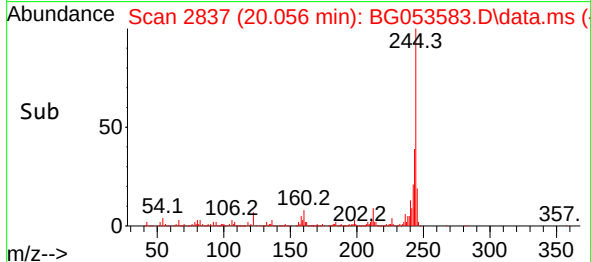
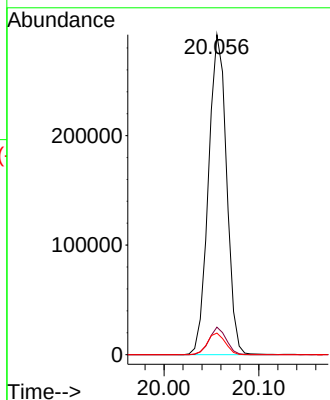
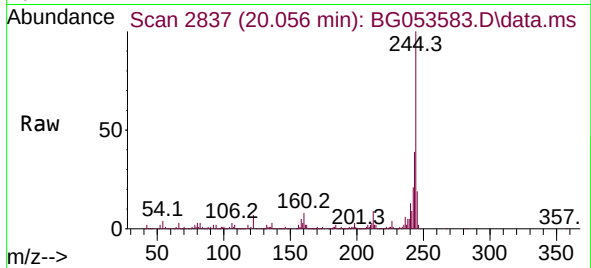




#79
 Terphenyl-d14
 Concen: 763.049 ng
 RT: 20.056 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG053583.D
 Acq: 17 May 2022 14:30

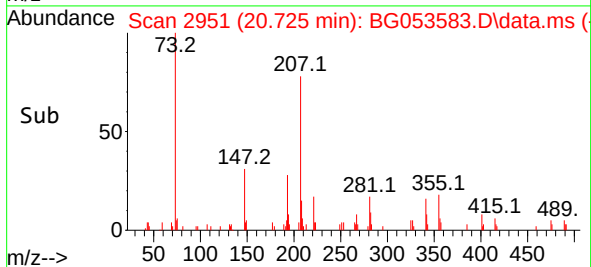
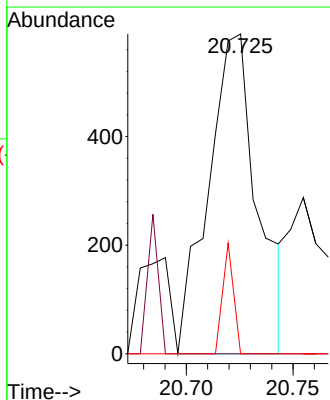
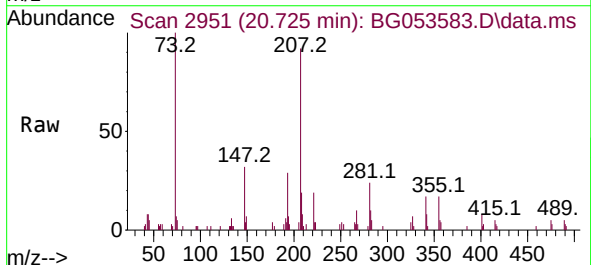
Instrument :
 BNA_G
 ClientSampleId :
 WC-8/9-1RE

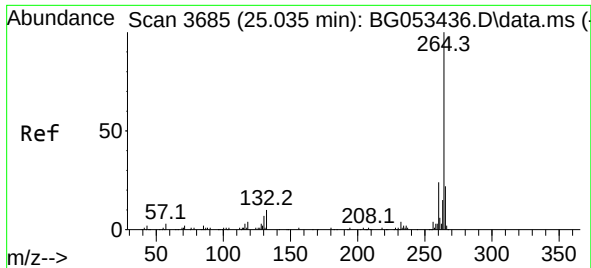
Tgt Ion:244 Resp: 387492
 Ion Ratio Lower Upper
 244 100
 212 8.6 6.5 9.7
 122 6.7 5.0 7.4



#80
 Butylbenzylphthalate
 Concen: 4.205 ng
 RT: 20.725 min Scan# 2951
 Delta R.T. -0.017 min
 Lab File: BG053583.D
 Acq: 17 May 2022 14:30

Tgt Ion:149 Resp: 944
 Ion Ratio Lower Upper
 149 100
 91 0.0 59.6 89.4#
 206 0.0 18.6 28.0#

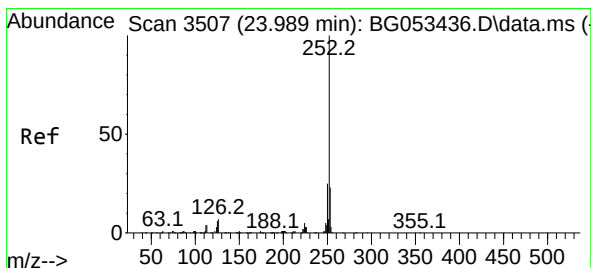
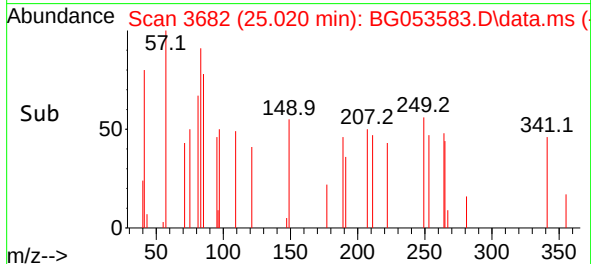
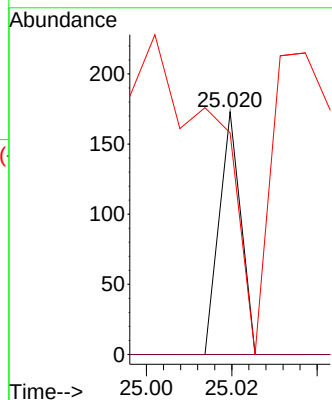
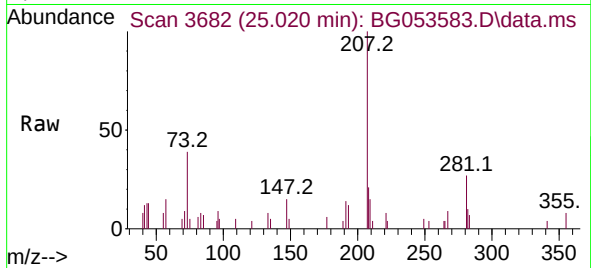




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.020 min Scan# 30
 Delta R.T. 0.000 min
 Lab File: BG053583.D
 Acq: 17 May 2022 14:30

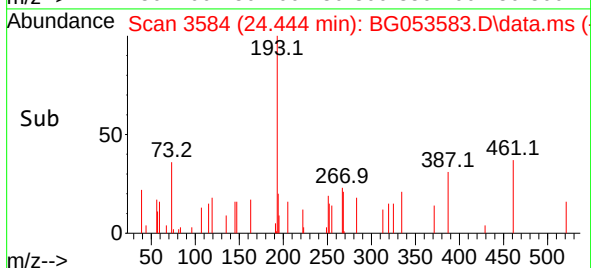
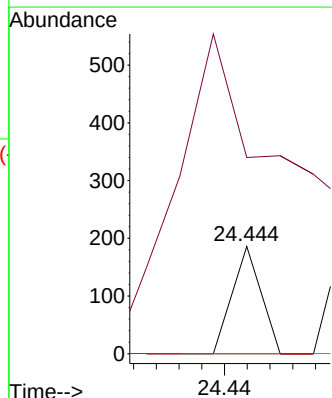
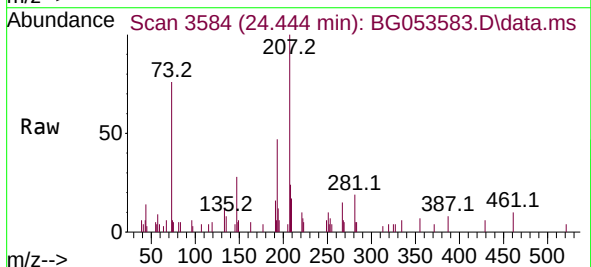
Instrument :
 BNA_G
 ClientSampleId :
 WC-8/9-1RE

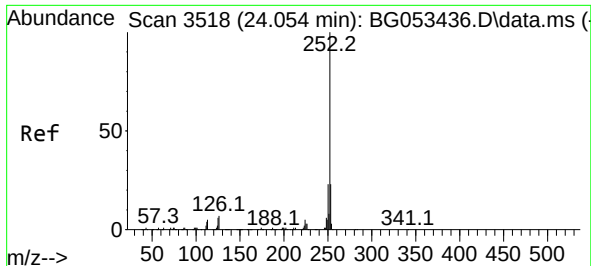
Tgt Ion:264 Resp: 61
 Ion Ratio Lower Upper
 264 100
 260 0.0 19.0 28.6#
 265 91.3 17.4 26.2#



#88
 Benzo(b)fluoranthene
 Concen: 18.279 ng
 RT: 24.444 min Scan# 3584
 Delta R.T. 0.464 min
 Lab File: BG053583.D
 Acq: 17 May 2022 14:30

Tgt Ion:252 Resp: 66
 Ion Ratio Lower Upper
 252 100
 253 182.8 18.0 27.0#
 125 0.0 4.6 6.8#

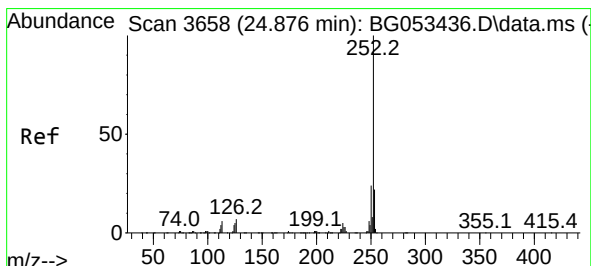
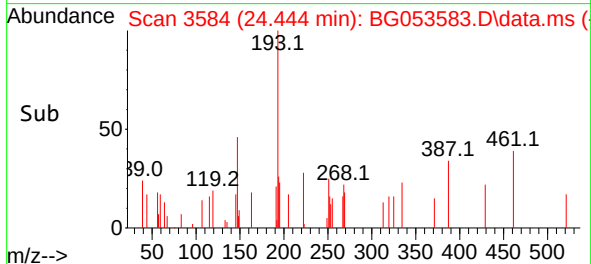
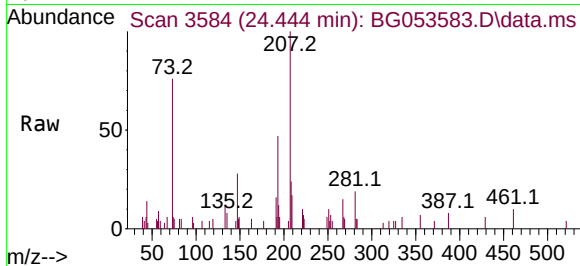




#89
Benzo(k)fluoranthene
Concen: 18.602 ng
RT: 24.444 min Scan# 31
Delta R.T. 0.400 min
Lab File: BG053583.D
Acq: 17 May 2022 14:30

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

Tgt Ion:252 Resp: 66
Ion Ratio Lower Upper
252 100
253 182.8 18.4 27.6#
125 0.0 4.8 7.2#



#90
Benzo(a)pyrene
Concen: 26.031 ng
RT: 24.914 min Scan# 3664
Delta R.T. 0.047 min
Lab File: BG053583.D
Acq: 17 May 2022 14:30

Tgt Ion:252 Resp: 80
Ion Ratio Lower Upper
252 100
253 71.2 17.8 26.8#
125 0.0 4.3 6.5#

