

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060222\
 Data File : BG053802.D
 Acq On : 2 Jun 2022 22:16
 Operator : CG/JU
 Sample : N3080-05RE
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-5RE

Quant Time: Jun 03 02:28:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 23:22:27 2022
 Response via : Initial Calibration

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

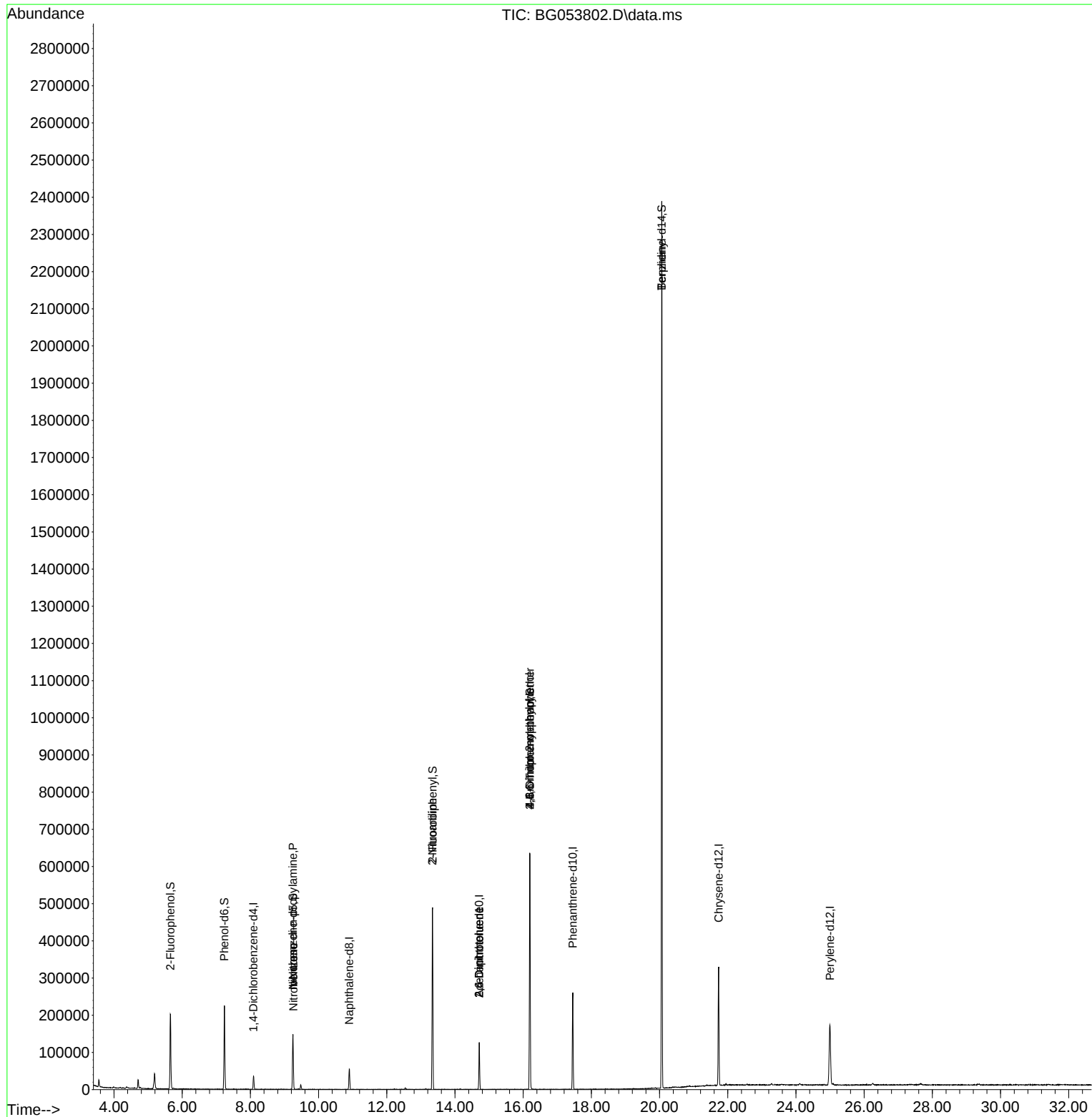
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.090	152	11544	20.000	ng	0.00
21) Naphthalene-d8	10.898	136	50832	20.000	ng	# 0.00
39) Acenaphthene-d10	14.711	164	49136	20.000	ng	0.00
64) Phenanthrene-d10	17.455	188	182255	20.000	ng	0.00
76) Chrysene-d12	21.732	240	217246	20.000	ng	# 0.00
86) Perylene-d12	24.993	264	191480	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.657	112	100469	159.820	ng	0.00
7) Phenol-d6	7.238	99	133414	156.671	ng	0.00
23) Nitrobenzene-d5	9.247	82	90652	117.110	ng	0.00
42) 2,4,6-Tribromophenol	16.198	330	143513	240.615	ng	0.00
45) 2-Fluorobiphenyl	13.342	172	283881	86.431	ng	0.00
79) Terphenyl-d14	20.064	244	1268042	116.120	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.247	70	12238	20.291	ng	# 82
24) Nitrobenzene	9.259	77	220	3.211	ng	# 48
48) 2-Nitroaniline	13.336	65	394	5.550	ng	# 1
51) 2,6-Dinitrotoluene	14.711	165	6698	13.541	ng	# 16
57) 2,4-Dinitrotoluene	14.711	165	6698	11.314	ng	# 21
65) 4,6-Dinitro-2-methylph...	16.192	198	308	5.993	ng	# 79
67) 4-Bromophenyl-phenylether	16.198	248	9499	4.797	ng	# 1
77) Benzidine	20.064	184	18883	3.555	ng	# 95

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

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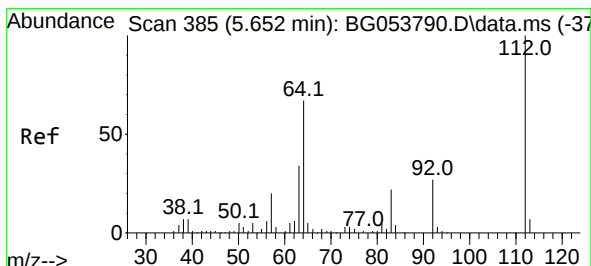
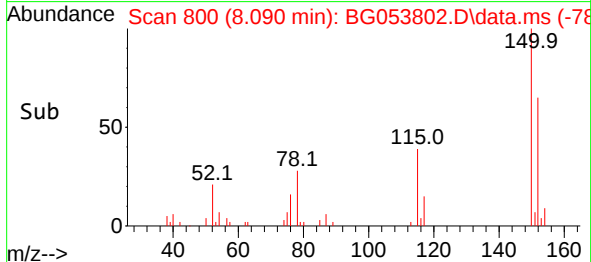
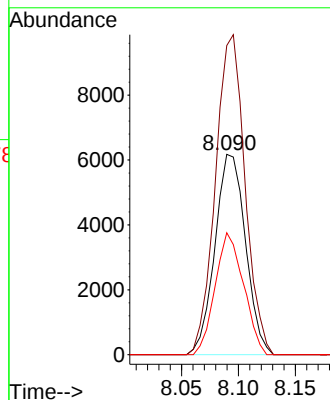
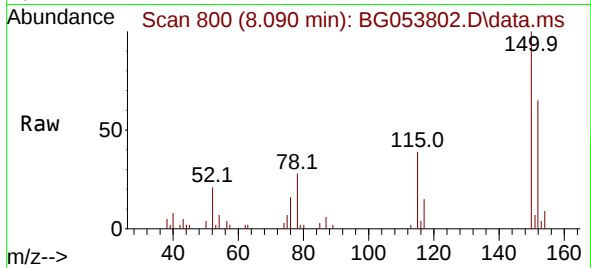




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.090 min Scan# 801
Delta R.T. -0.006 min
Lab File: BG053802.D
Acq: 2 Jun 2022 22:16

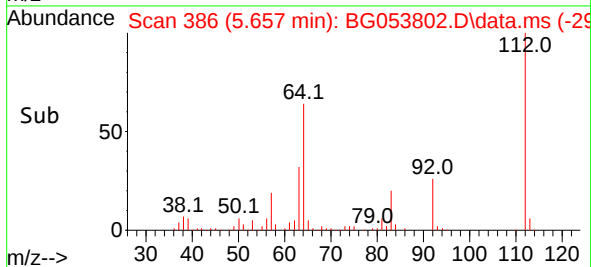
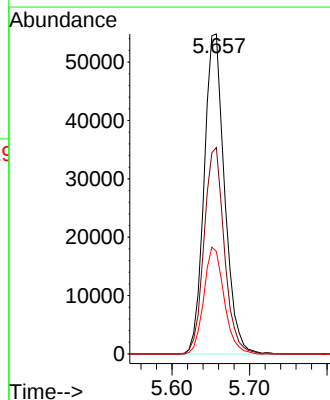
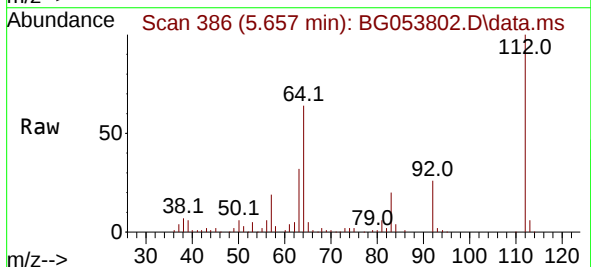
Instrument :
BNA_G
ClientSampleId :
WC-5RE

Tgt Ion:152 Resp: 11544
Ion Ratio Lower Upper
152 100
150 154.3 131.6 197.4
115 60.9 50.9 76.3



#5
2-Fluorophenol
Concen: 159.820 ng
RT: 5.657 min Scan# 386
Delta R.T. 0.005 min
Lab File: BG053802.D
Acq: 2 Jun 2022 22:16

Tgt Ion:112 Resp: 100469
Ion Ratio Lower Upper
112 100
64 64.5 55.1 82.7
63 32.0 30.4 45.6

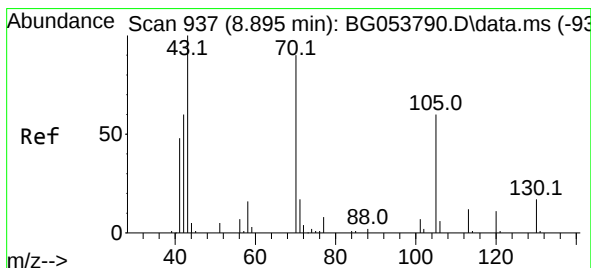
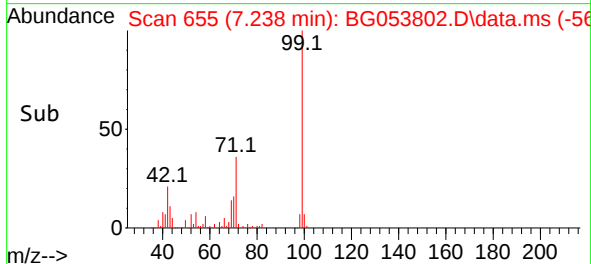
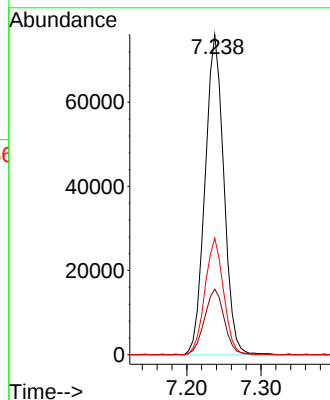
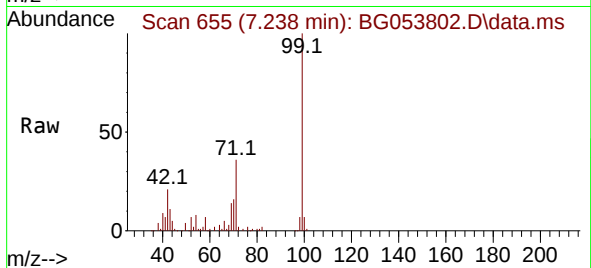




#7
Phenol-d6
Concen: 156.671 ng
RT: 7.238 min Scan# 611
Delta R.T. -0.000 min
Lab File: BG053802.D
Acq: 2 Jun 2022 22:16

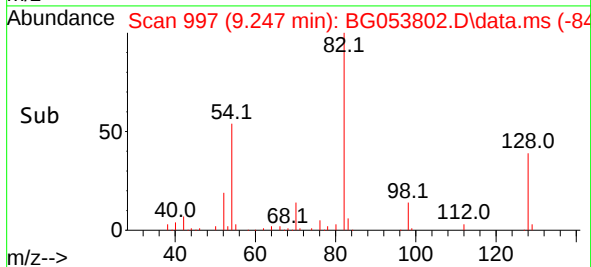
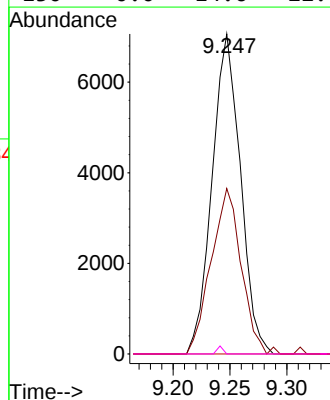
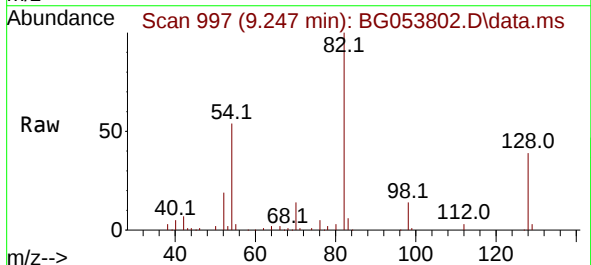
Instrument :
BNA_G
ClientSampleId :
WC-5RE

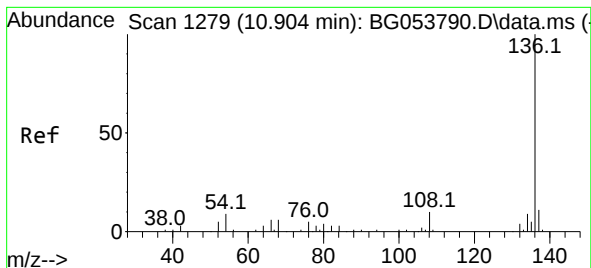
Tgt Ion: 99 Resp: 133414
Ion Ratio Lower Upper
99 100
42 20.5 17.0 25.6
71 36.5 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 20.291 ng
RT: 9.247 min Scan# 997
Delta R.T. 0.352 min
Lab File: BG053802.D
Acq: 2 Jun 2022 22:16

Tgt Ion: 70 Resp: 12238
Ion Ratio Lower Upper
70 100
42 51.7 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: 10.898 min Scan# 11

Delta R.T. -0.006 min

Lab File: BG053802.D

Acq: 2 Jun 2022 22:16

Instrument :

BNA_G

ClientSampleId :

WC-5RE

Tgt Ion:136 Resp: 50832

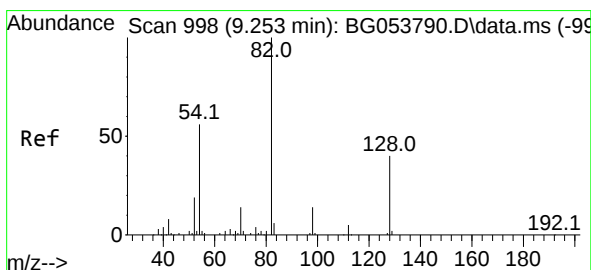
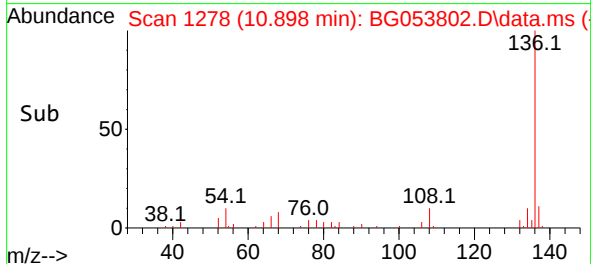
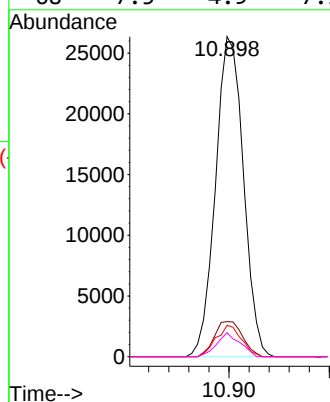
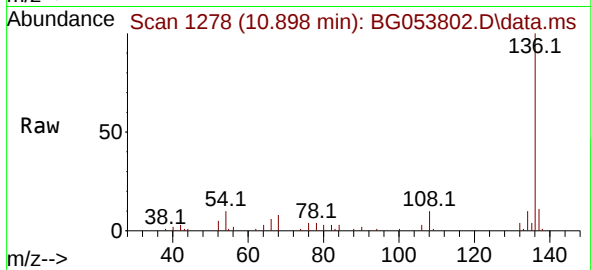
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 9.8 7.4 11.2

68 7.5 4.9 7.3#



#23

Nitrobenzene-d5

Concen: 117.110 ng

RT: 9.247 min Scan# 997

Delta R.T. -0.006 min

Lab File: BG053802.D

Acq: 2 Jun 2022 22:16

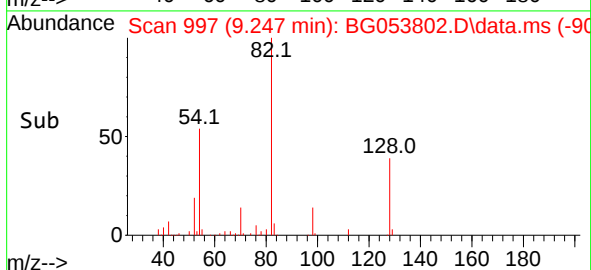
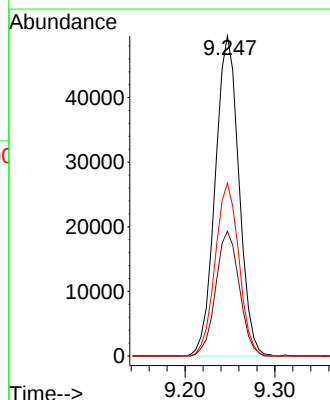
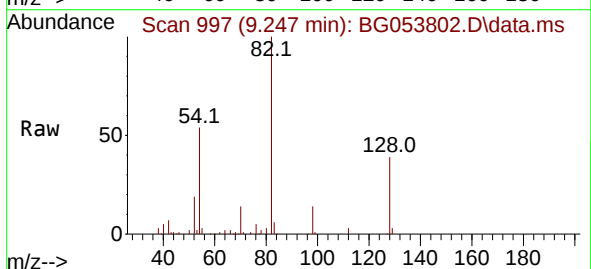
Tgt Ion: 82 Resp: 90652

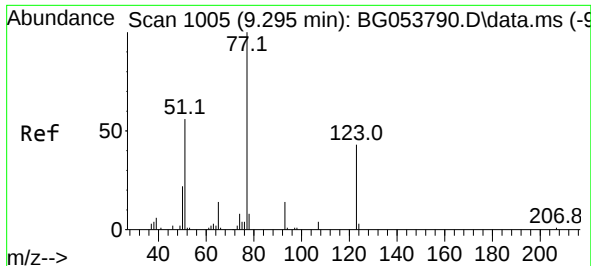
Ion Ratio Lower Upper

82 100

128 39.0 27.9 41.9

54 54.0 41.2 61.8

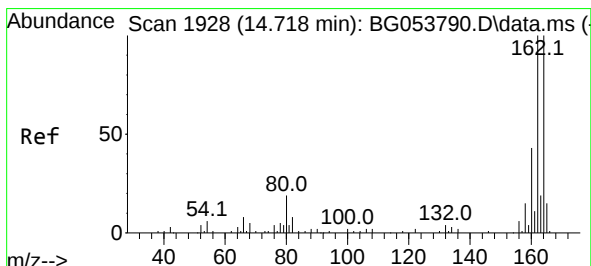
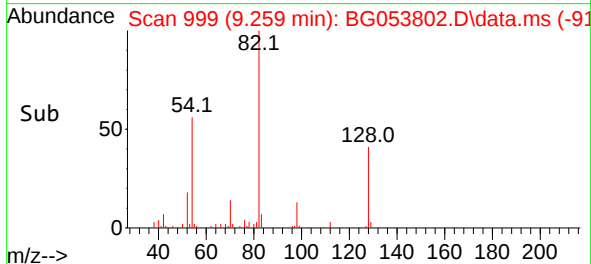
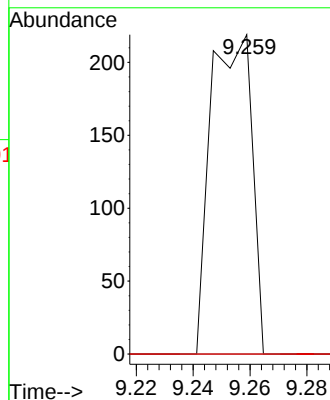
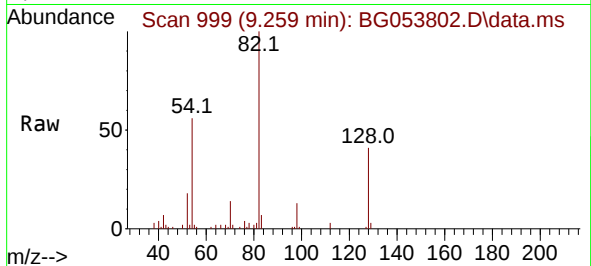




#24
Nitrobenzene
Concen: 3.211 ng
RT: 9.259 min Scan# 91
Delta R.T. -0.036 min
Lab File: BG053802.D
Acq: 2 Jun 2022 22:16

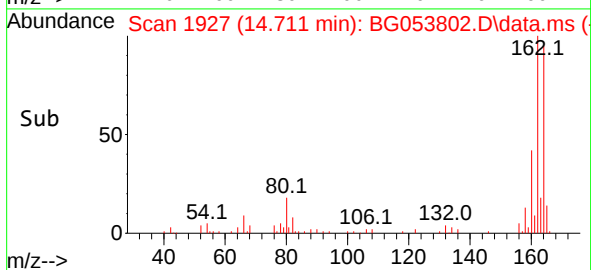
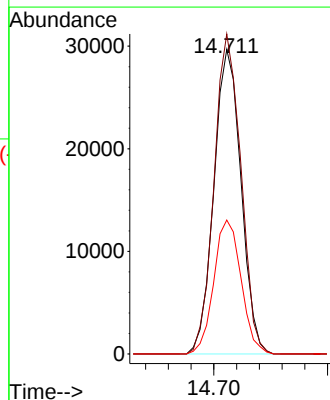
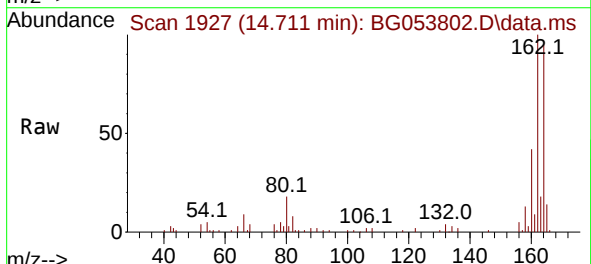
Instrument :
BNA_G
ClientSampleId :
WC-5RE

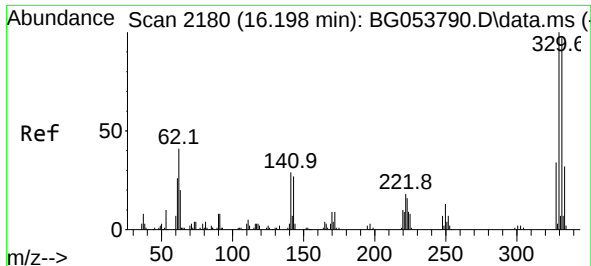
Tgt Ion: 77 Resp: 220
Ion Ratio Lower Upper
77 100
123 0.0 27.4 41.0#
65 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.711 min Scan# 1927
Delta R.T. -0.007 min
Lab File: BG053802.D
Acq: 2 Jun 2022 22:16

Tgt Ion: 164 Resp: 49136
Ion Ratio Lower Upper
164 100
162 105.1 82.3 123.5
160 44.0 34.2 51.2

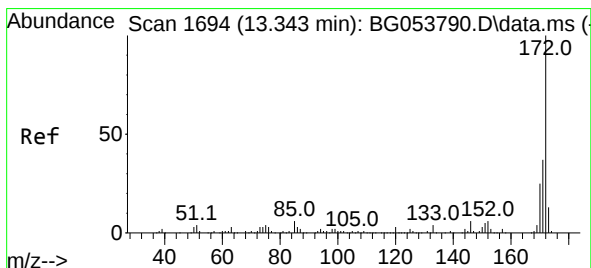
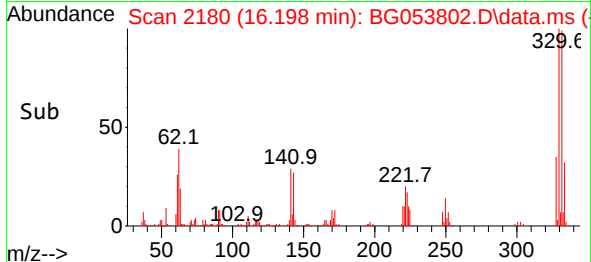
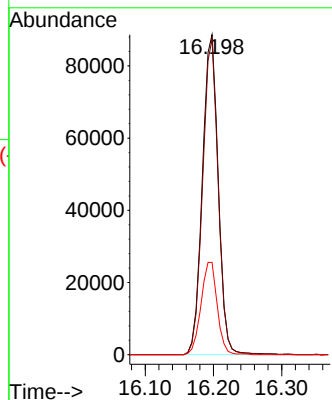
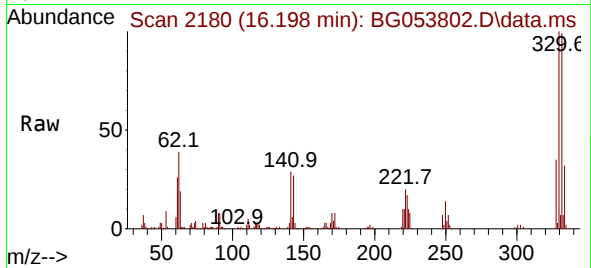




#42
2,4,6-Tribromophenol
Concen: 240.615 ng
RT: 16.198 min Scan# 2180
Delta R.T. -0.000 min
Lab File: BG053802.D
Acq: 2 Jun 2022 22:16

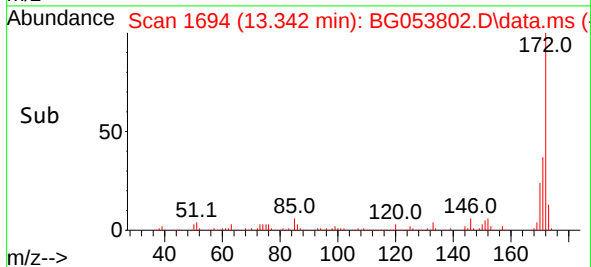
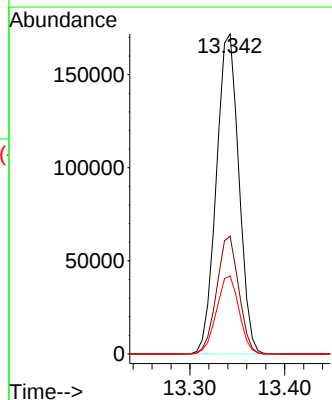
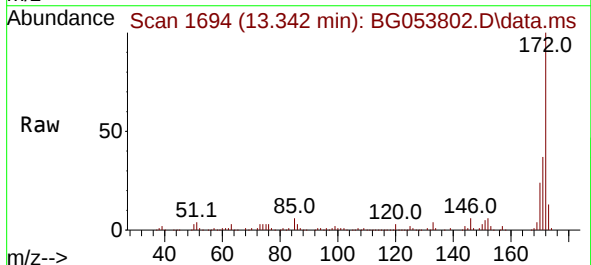
Instrument :
BNA_G
ClientSampleId :
WC-5RE

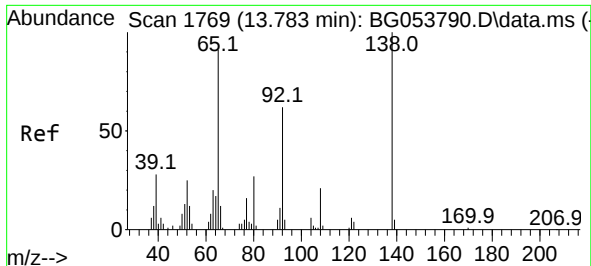
Tgt Ion:330 Resp: 143513
Ion Ratio Lower Upper
330 100
332 96.4 76.0 114.0
141 29.4 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 86.431 ng
RT: 13.342 min Scan# 1694
Delta R.T. -0.001 min
Lab File: BG053802.D
Acq: 2 Jun 2022 22:16

Tgt Ion:172 Resp: 283881
Ion Ratio Lower Upper
172 100
171 36.8 28.5 42.7
170 24.4 18.9 28.3

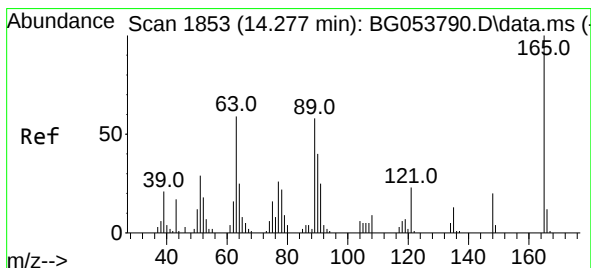
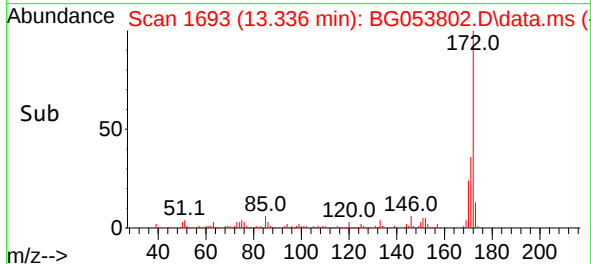
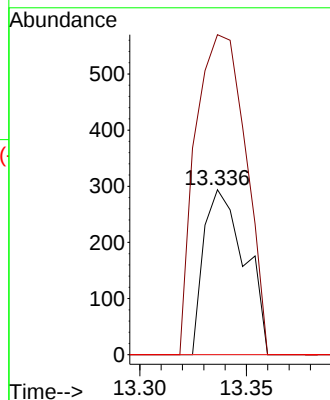
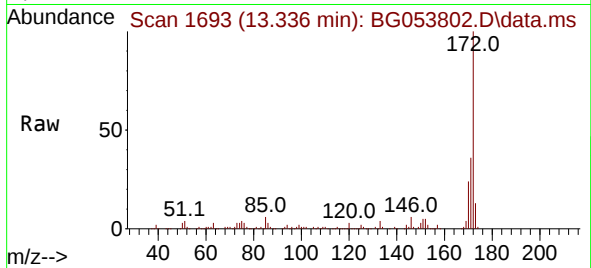




#48
2-Nitroaniline
Concen: 5.550 ng
RT: 13.336 min Scan# 1
Delta R.T. -0.447 min
Lab File: BG053802.D
Acq: 2 Jun 2022 22:16

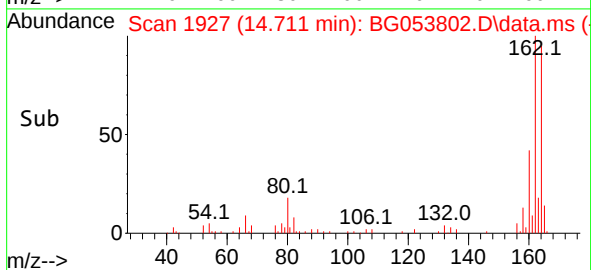
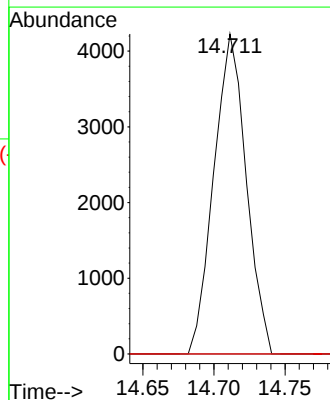
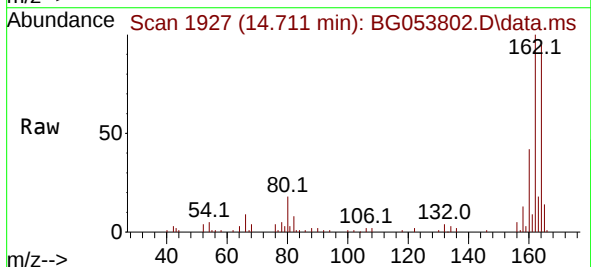
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ClientSampleId :
WC-5RE

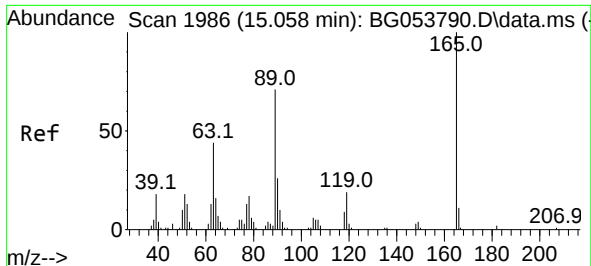
Tgt Ion: 65 Resp: 394
Ion Ratio Lower Upper
65 100
92 193.9 51.5 77.3#
138 0.0 71.3 106.9#



#51
2,6-Dinitrotoluene
Concen: 13.541 ng
RT: 14.711 min Scan# 1927
Delta R.T. 0.434 min
Lab File: BG053802.D
Acq: 2 Jun 2022 22:16

Tgt Ion: 165 Resp: 6698
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: 11.314 ng

RT: 14.711 min Scan# 1986

Delta R.T. -0.347 min

Lab File: BG053802.D

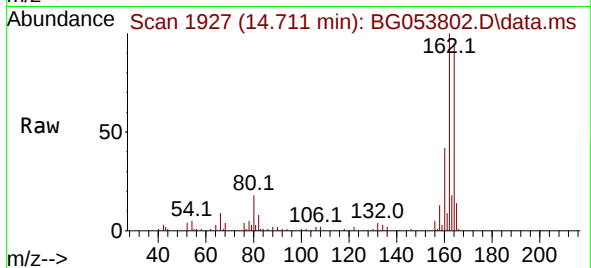
Acq: 2 Jun 2022 22:16

Instrument :

BNA_G

ClientSampleId :

WC-5RE



Tgt Ion:165 Resp: 6698

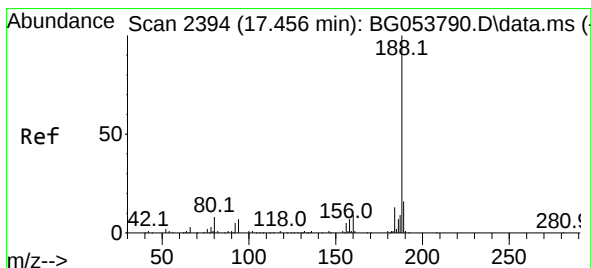
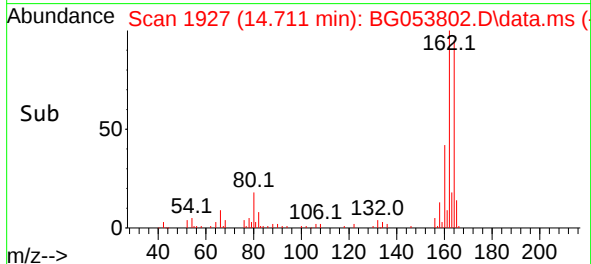
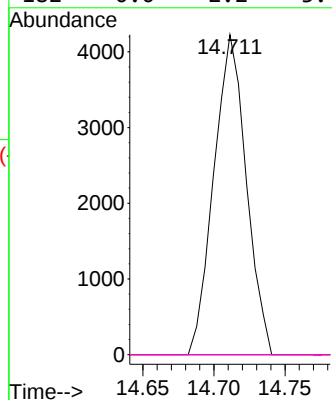
Ion Ratio Lower Upper

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: 17.455 min Scan# 2394

Delta R.T. -0.001 min

Lab File: BG053802.D

Acq: 2 Jun 2022 22:16

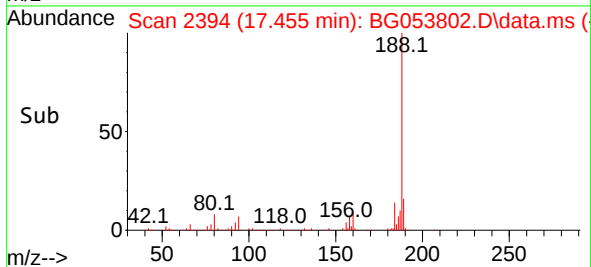
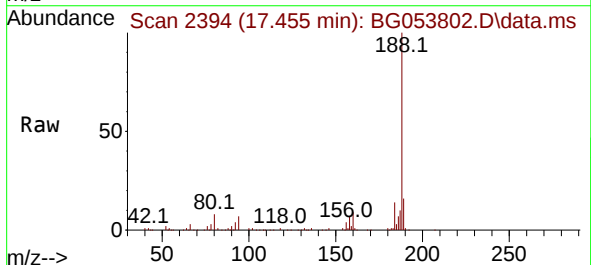
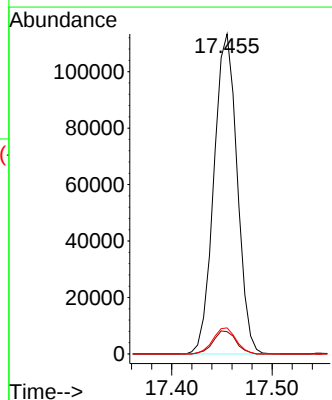
Tgt Ion:188 Resp: 182255

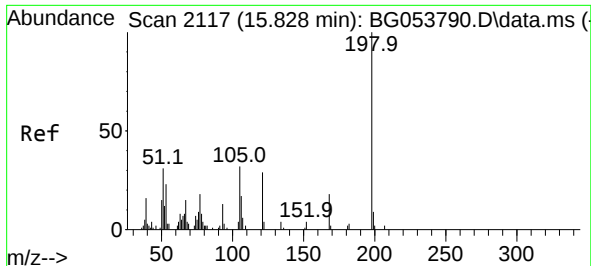
Ion Ratio Lower Upper

188 100

94 7.0 5.4 8.0

80 8.1 6.8 10.2

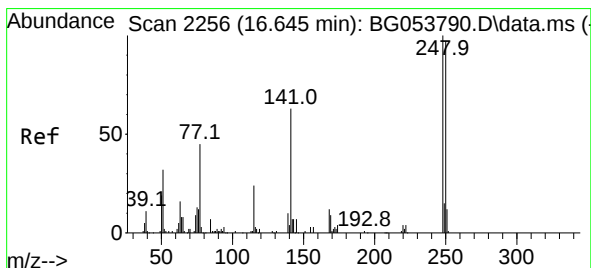
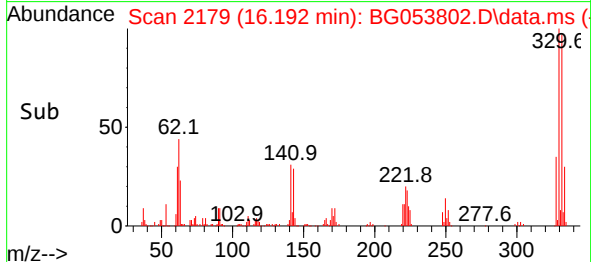
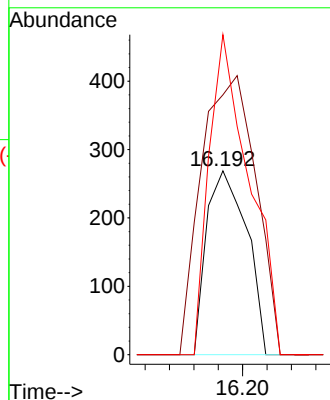
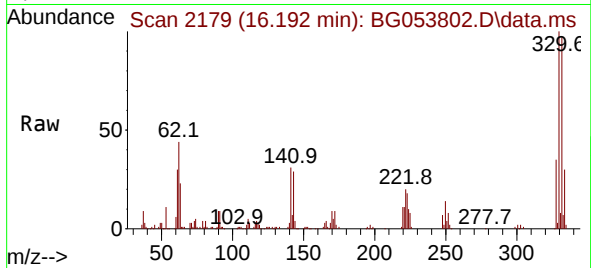




#65
4,6-Dinitro-2-methylphenol
Concen: 5.993 ng
RT: 16.192 min Scan# 2117
Delta R.T. 0.364 min
Lab File: BG053802.D
Acq: 2 Jun 2022 22:16

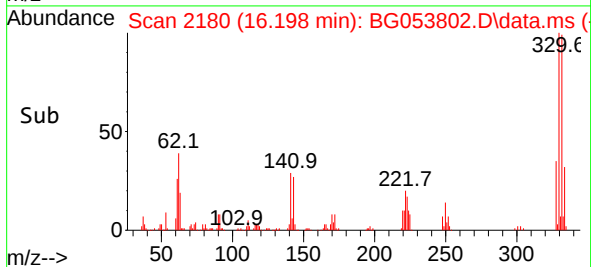
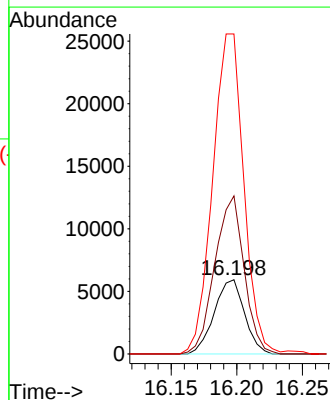
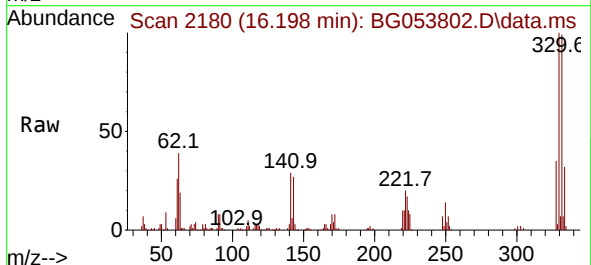
Instrument :
BNA_G
ClientSampleId :
WC-5RE

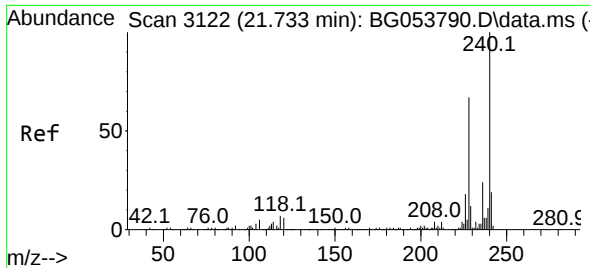
Tgt Ion:198 Resp: 308
Ion Ratio Lower Upper
198 100
51 27.8 28.1 68.1#
105 34.3 20.3 60.3



#67
4-Bromophenyl-phenylether
Concen: 4.797 ng
RT: 16.198 min Scan# 2180
Delta R.T. -0.447 min
Lab File: BG053802.D
Acq: 2 Jun 2022 22:16

Tgt Ion:248 Resp: 9499
Ion Ratio Lower Upper
248 100
250 206.4 75.2 112.8#
141 331.0 50.0 75.0#

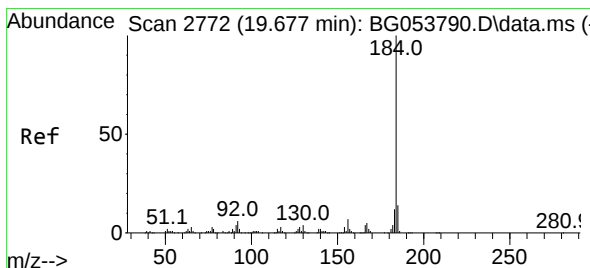
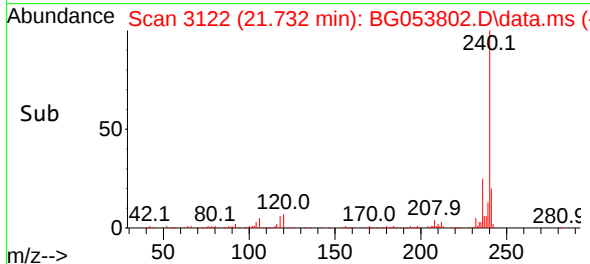
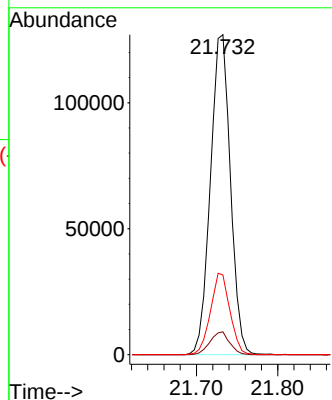
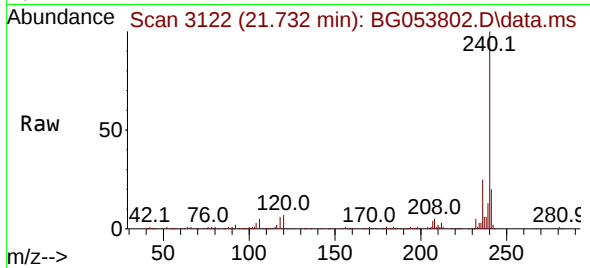




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.732 min Scan# 31
Delta R.T. -0.001 min
Lab File: BG053802.D
Acq: 2 Jun 2022 22:16

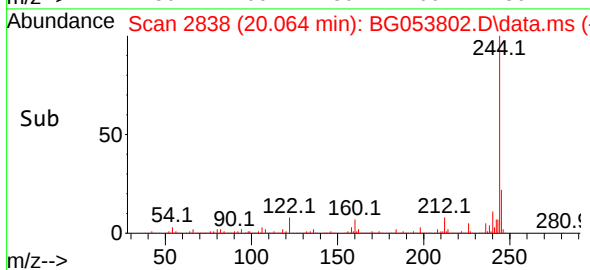
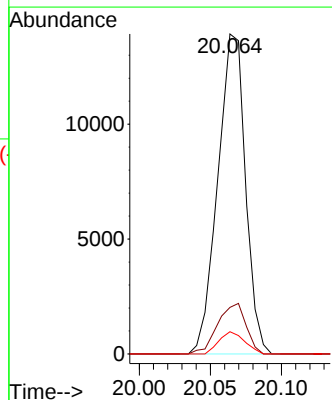
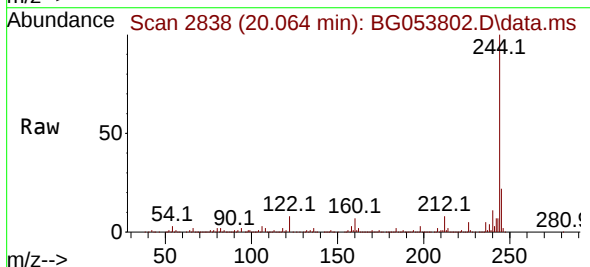
Instrument :
BNA_G
ClientSampleId :
WC-5RE

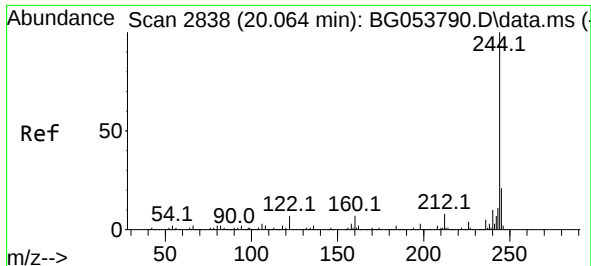
Tgt Ion:240 Resp: 217246
Ion Ratio Lower Upper
240 100
120 7.2 4.6 7.0#
236 24.9 20.2 30.4



#77
Benzidine
Concen: 3.555 ng
RT: 20.064 min Scan# 2838
Delta R.T. 0.387 min
Lab File: BG053802.D
Acq: 2 Jun 2022 22:16

Tgt Ion:184 Resp: 18883
Ion Ratio Lower Upper
184 100
185 14.6 11.8 17.6
183 7.0 8.9 13.3#

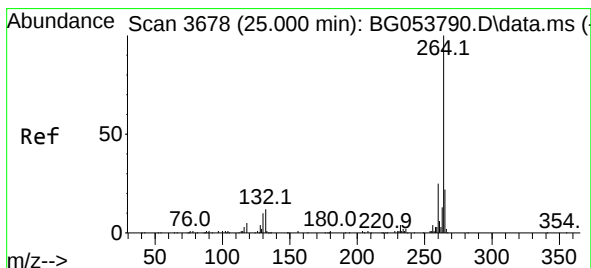
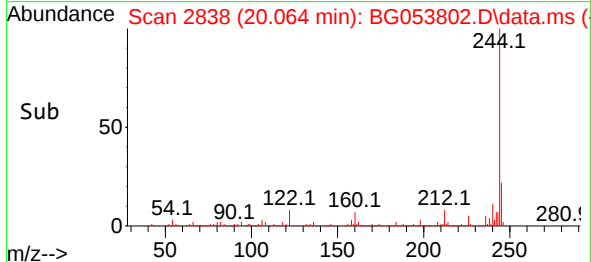
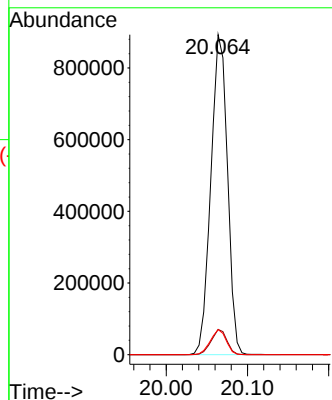
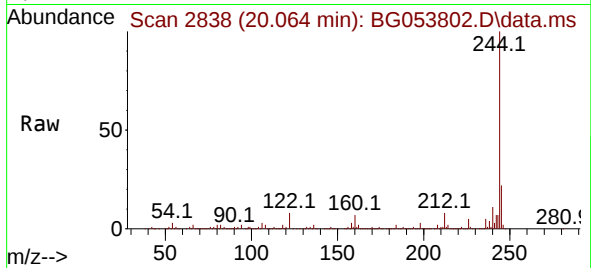




#79
 Terphenyl-d14
 Concen: 116.120 ng
 RT: 20.064 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG053802.D
 Acq: 2 Jun 2022 22:16

Instrument :
 BNA_G
 ClientSampleId :
 WC-5RE

Tgt Ion:244 Resp: 1268042
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.5 9.7
 122 7.9 5.0 7.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.993 min Scan# 3677
 Delta R.T. -0.006 min
 Lab File: BG053802.D
 Acq: 2 Jun 2022 22:16

Tgt Ion:264 Resp: 191480
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.6
 265 21.6 17.4 26.2

