

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101322\
 Data File : BG055165.D
 Acq On : 13 Oct 2022 15:50
 Operator : CG/JU
 Sample : N5105-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-5

Quant Time: Oct 14 01:25:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 13 05:14:13 2022
 Response via : Initial Calibration

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

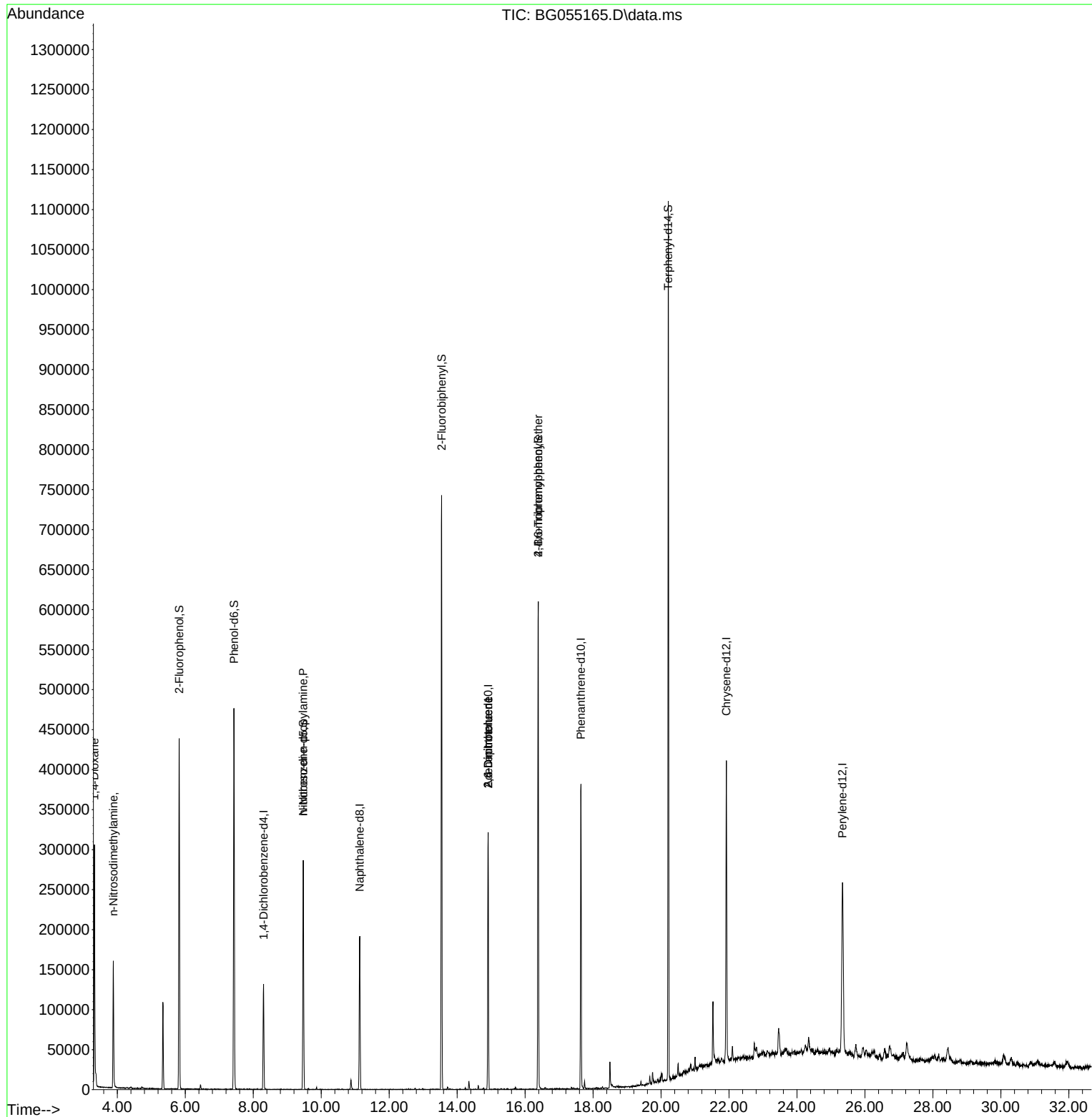
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.302	152	38688	20.000	ng	0.00
21) Naphthalene-d8	11.134	136	166701	20.000	ng	0.00
39) Acenaphthene-d10	14.912	164	115752	20.000	ng	0.00
64) Phenanthrene-d10	17.644	188	253507	20.000	ng	0.00
76) Chrysene-d12	21.922	240	240166	20.000	ng	0.00
86) Perylene-d12	25.341	264	254081	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.823	112	196670	99.457	ng	0.00
7) Phenol-d6	7.433	99	264176	90.312	ng	0.00
23) Nitrobenzene-d5	9.471	82	168229	54.116	ng	0.00
42) 2,4,6-Tribromophenol	16.387	330	131096	78.821	ng	0.00
45) 2-Fluorobiphenyl	13.543	172	383225	54.083	ng	0.00
79) Terphenyl-d14	20.212	244	584678	49.031	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.326	88	2484	2.969	ng	# 1
4) n-Nitrosodimethylamine	3.884	42	5507	3.933	ng	# 1
19) n-Nitroso-di-n-propyla...	9.471	70	23629	10.009	ng	# 80
51) 2,6-Dinitrotoluene	14.912	165	15201	7.939	ng	# 21
57) 2,4-Dinitrotoluene	14.912	165	15201	5.420	ng	# 23
67) 4-Bromophenyl-phenylether	16.387	248	8094	2.929	ng	# 1

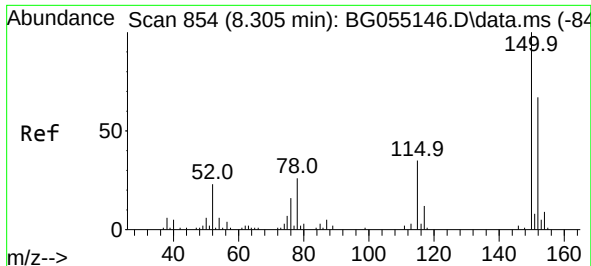
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101322\
Data File : BG055165.D
Acq On : 13 Oct 2022 15:50
Operator : CG/JU
Sample : N5105-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Time: Oct 14 01:25:53 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 13 05:14:13 2022
Response via : Initial Calibration

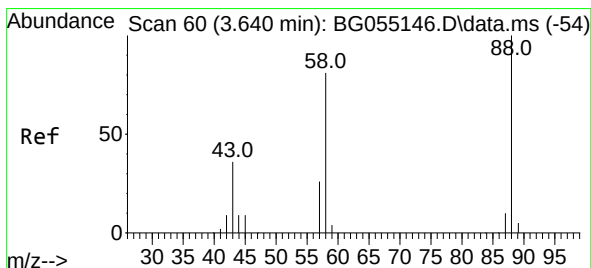
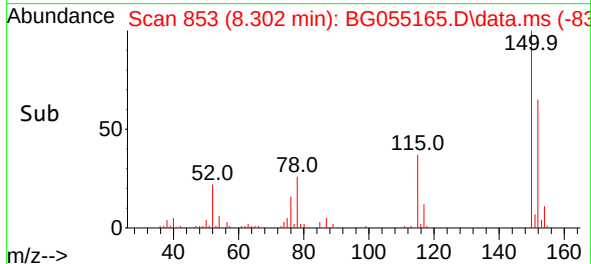
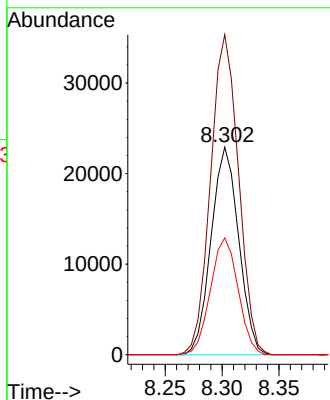
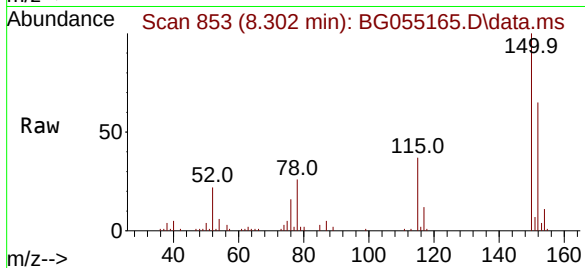




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.302 min Scan# 8
Delta R.T. -0.003 min
Lab File: BG055165.D
Acq: 13 Oct 2022 15:50

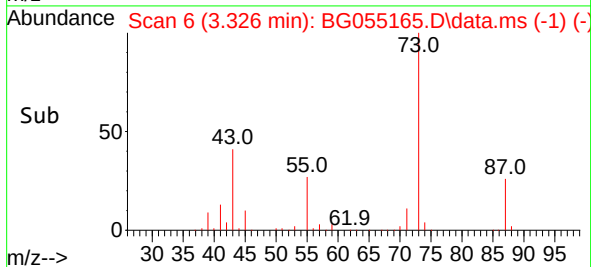
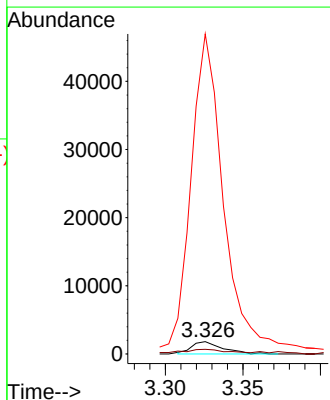
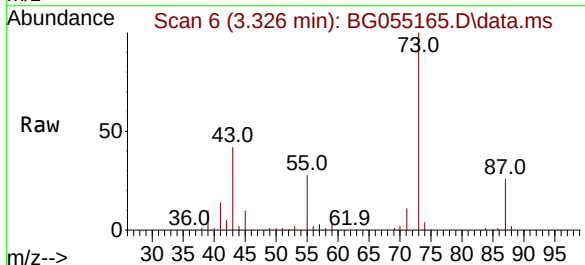
Instrument :
BNA_G
ClientSampleId :
WC-5

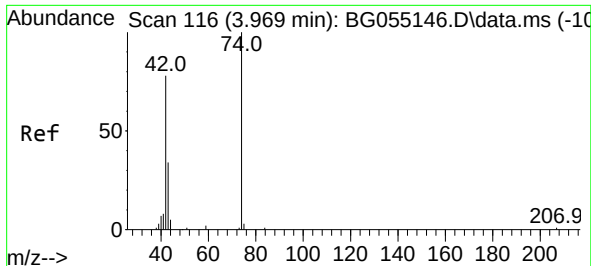
Tgt Ion:152 Resp: 38688
Ion Ratio Lower Upper
152 100
150 154.2 119.7 179.5
115 56.3 42.4 63.6



#2
1,4-Dioxane
Concen: 2.969 ng
RT: 3.326 min Scan# 6
Delta R.T. -0.314 min
Lab File: BG055165.D
Acq: 13 Oct 2022 15:50

Tgt Ion: 88 Resp: 2484
Ion Ratio Lower Upper
88 100
58 24.2 61.0 91.4#
43 2627.0 26.5 39.7#

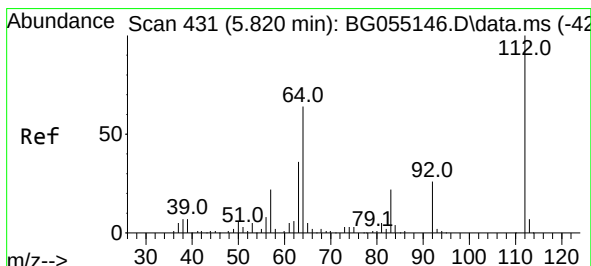
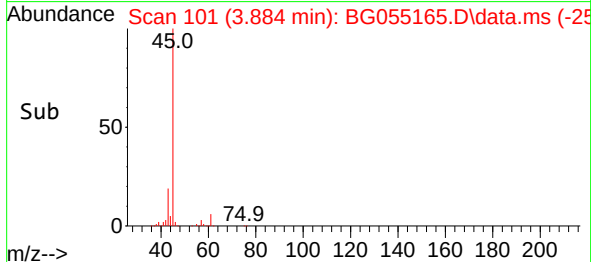
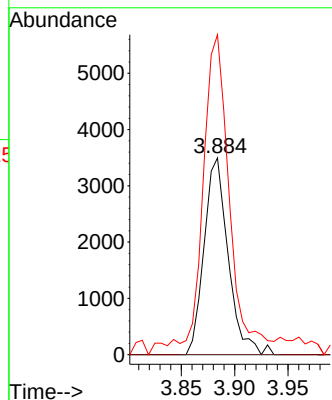
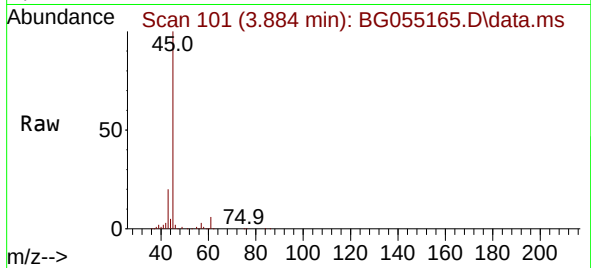




#4
n-Nitrosodimethylamine
Concen: 3.933 ng
RT: 3.884 min Scan# 101
Delta R.T. -0.085 min
Lab File: BG055165.D
Acq: 13 Oct 2022 15:50

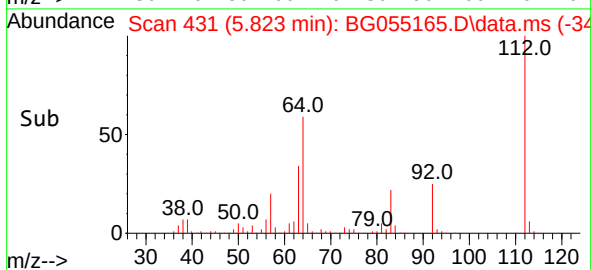
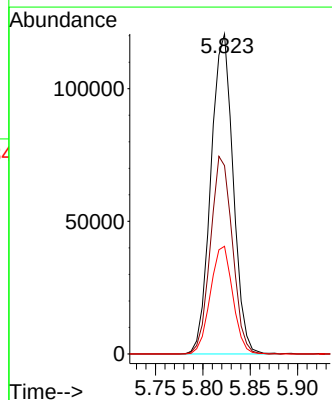
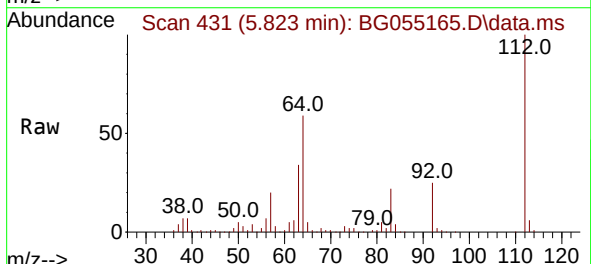
Instrument :
BNA_G
ClientSampleId :
WC-5

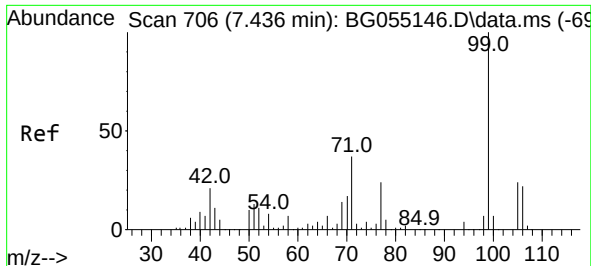
Tgt Ion: 42 Resp: 5507
Ion Ratio Lower Upper
42 100
74 0.0 101.9 152.9#
44 162.6 5.5 8.3#



#5
2-Fluorophenol
Concen: 99.457 ng
RT: 5.823 min Scan# 431
Delta R.T. 0.003 min
Lab File: BG055165.D
Acq: 13 Oct 2022 15:50

Tgt Ion: 112 Resp: 196670
Ion Ratio Lower Upper
112 100
64 58.8 50.9 76.3
63 33.7 29.0 43.6

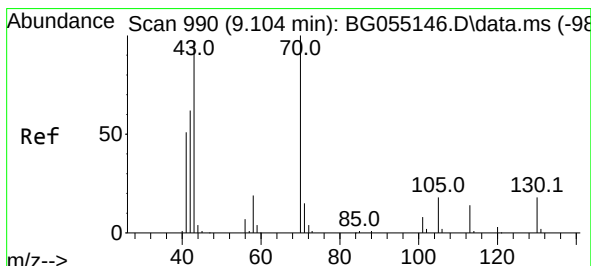
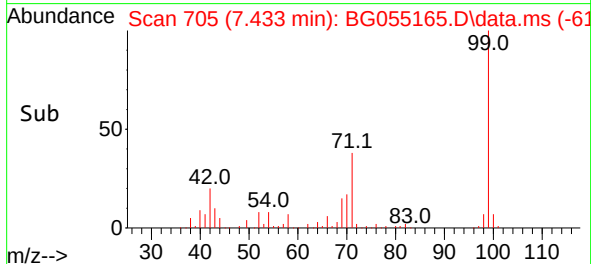
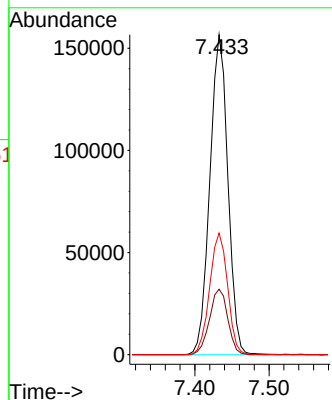
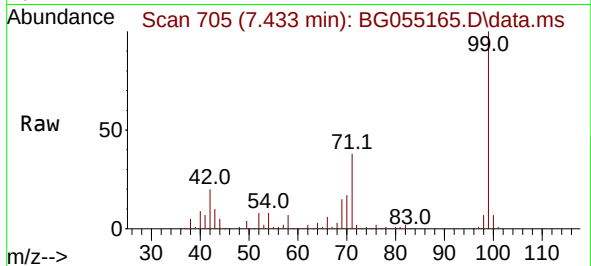




#7
Phenol-d6
Concen: 90.312 ng
RT: 7.433 min Scan# 70
Delta R.T. -0.003 min
Lab File: BG055165.D
Acq: 13 Oct 2022 15:50

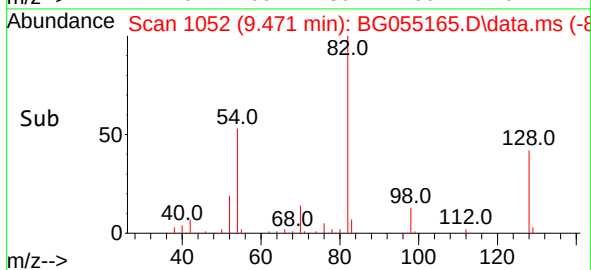
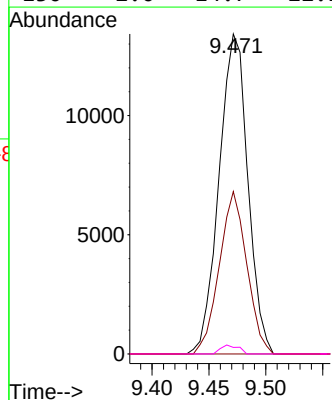
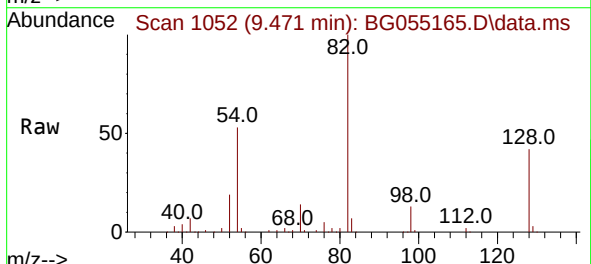
Instrument :
BNA_G
ClientSampleId :
WC-5

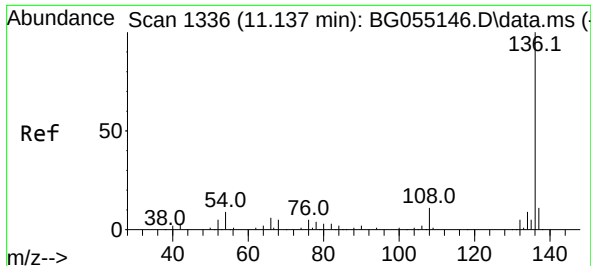
Tgt Ion: 99 Resp: 264176
Ion Ratio Lower Upper
99 100
42 20.5 16.6 25.0
71 38.0 29.6 44.4



#19
n-Nitroso-di-n-propylamine
Concen: 10.009 ng
RT: 9.471 min Scan# 1052
Delta R.T. 0.367 min
Lab File: BG055165.D
Acq: 13 Oct 2022 15:50

Tgt Ion: 70 Resp: 23629
Ion Ratio Lower Upper
70 100
42 50.8 50.1 75.1
101 0.0 6.6 10.0#
130 2.0 14.7 22.1#

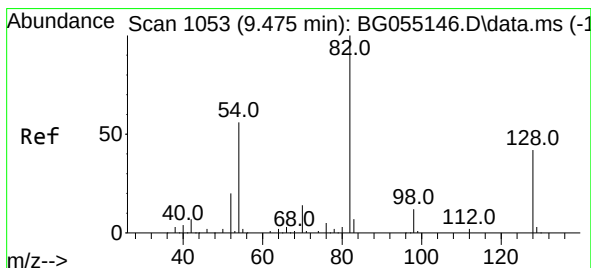
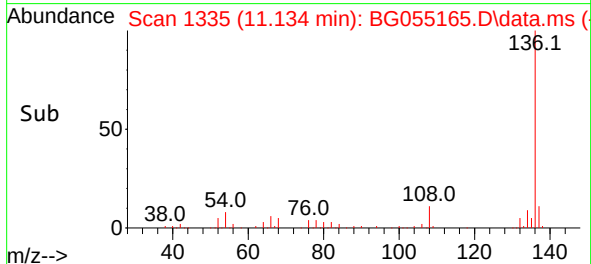
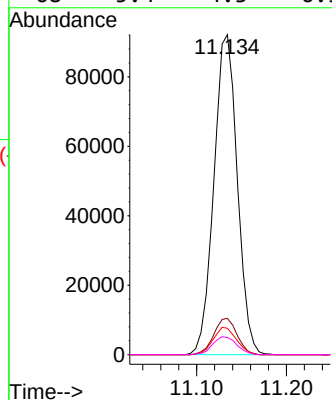
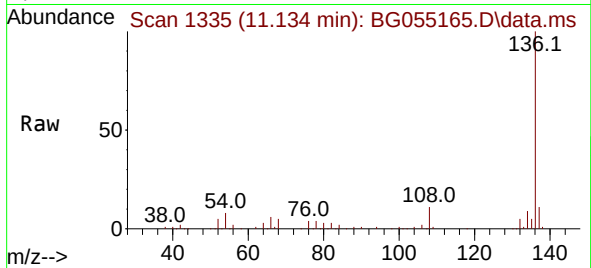




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.134 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG055165.D
Acq: 13 Oct 2022 15:50

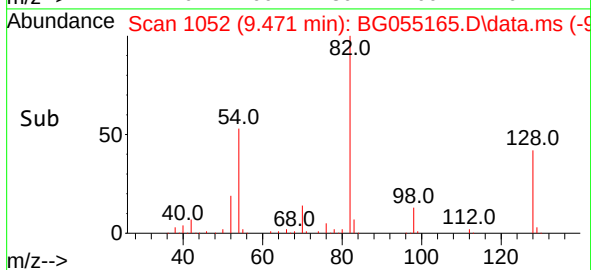
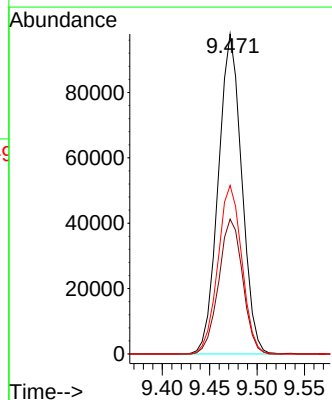
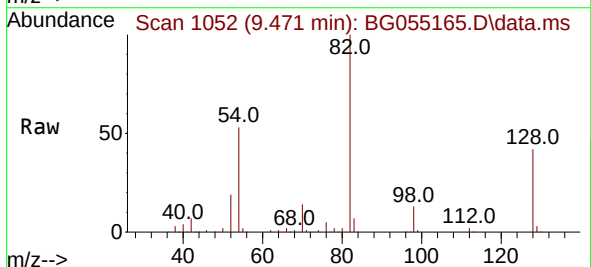
Instrument :
BNA_G
ClientSampleId :
WC-5

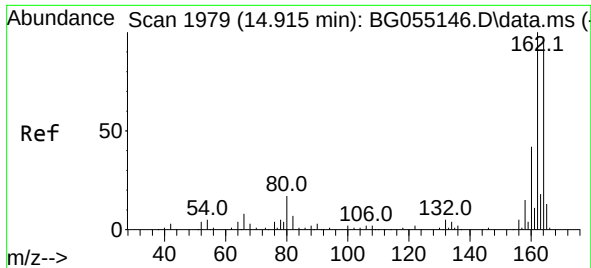
Tgt Ion:	136	Resp:	166701
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	8.2	7.0	10.6
68	5.4	4.3	6.5



#23
Nitrobenzene-d5
Concen: 54.116 ng
RT: 9.471 min Scan# 1052
Delta R.T. -0.003 min
Lab File: BG055165.D
Acq: 13 Oct 2022 15:50

Tgt Ion:	82	Resp:	168229
Ion	Ratio	Lower	Upper
82	100		
128	42.1	33.5	50.3
54	52.6	44.7	67.1

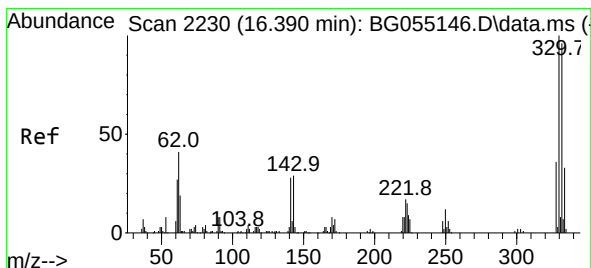
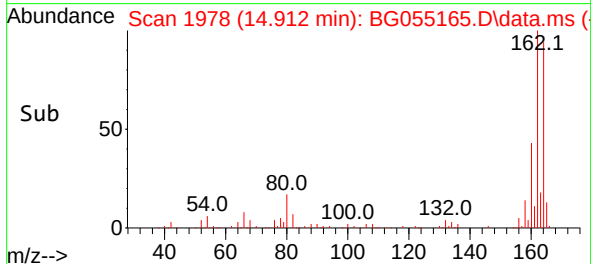
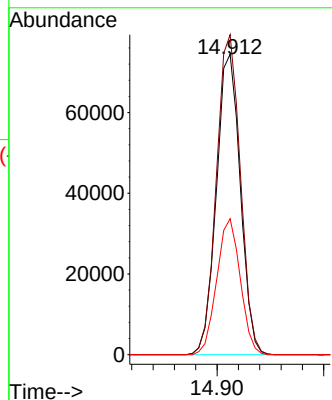
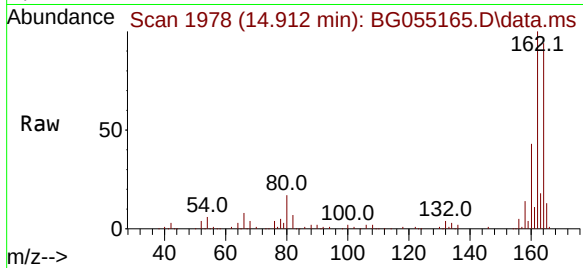




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.912 min Scan# 1979
Delta R.T. -0.003 min
Lab File: BG055165.D
Acq: 13 Oct 2022 15:50

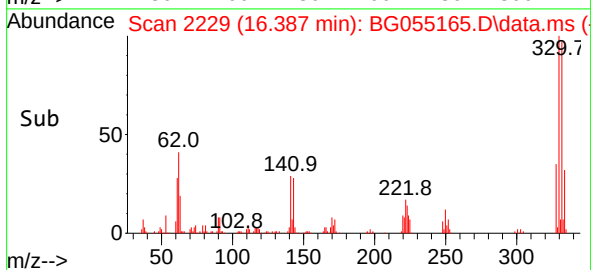
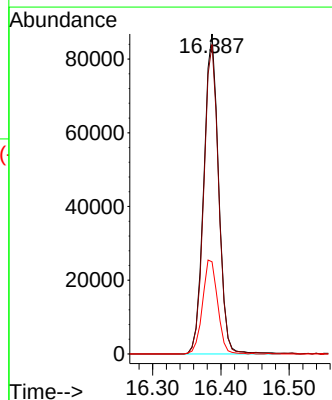
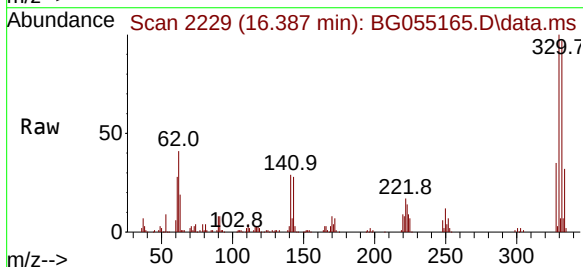
Instrument :
BNA_G
ClientSampleId :
WC-5

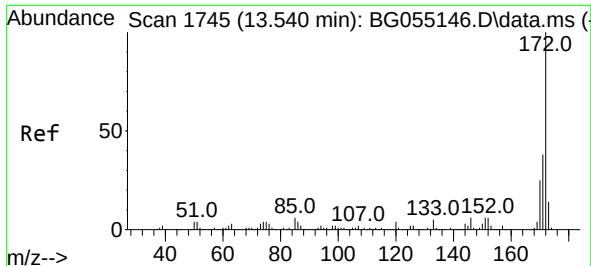
Tgt Ion:164 Resp: 115752
Ion Ratio Lower Upper
164 100
162 106.5 83.3 124.9
160 45.3 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 78.821 ng
RT: 16.387 min Scan# 2229
Delta R.T. -0.003 min
Lab File: BG055165.D
Acq: 13 Oct 2022 15:50

Tgt Ion:330 Resp: 131096
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.4
141 30.0 24.6 36.8

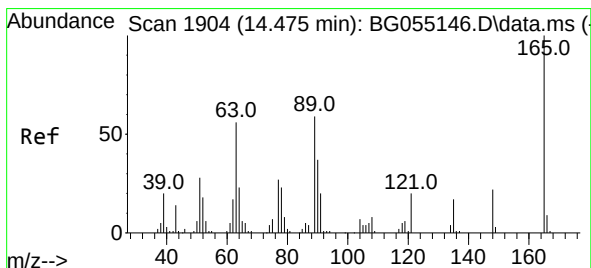
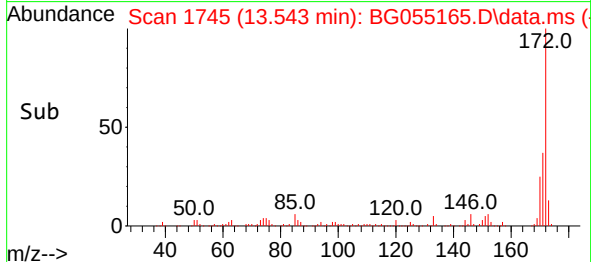
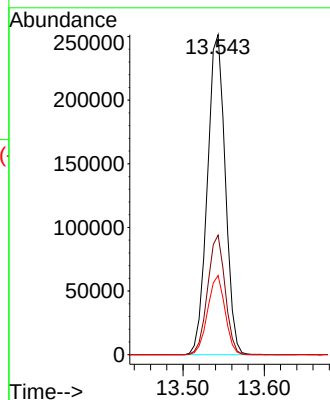
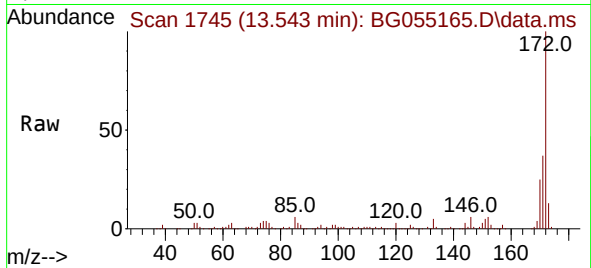




#45
2-Fluorobiphenyl
Concen: 54.083 ng
RT: 13.543 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG055165.D
Acq: 13 Oct 2022 15:50

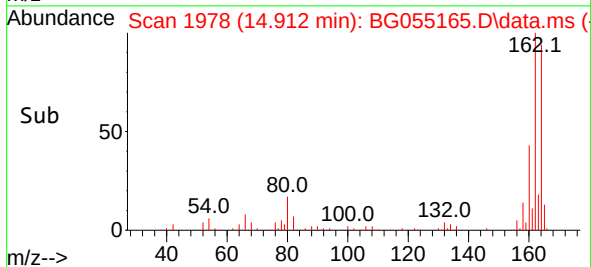
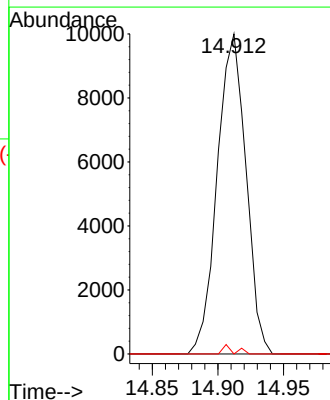
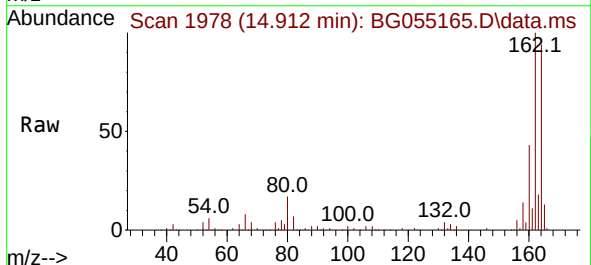
Instrument :
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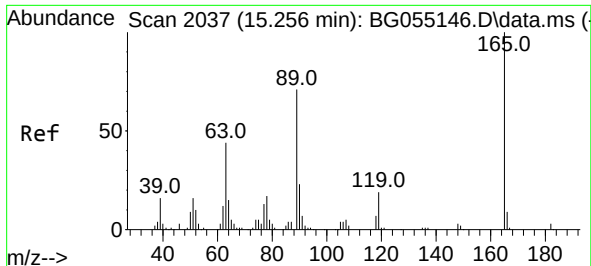
Tgt Ion:172 Resp: 383225
Ion Ratio Lower Upper
172 100
171 37.4 30.1 45.1
170 24.7 19.8 29.6



#51
2,6-Dinitrotoluene
Concen: 7.939 ng
RT: 14.912 min Scan# 1978
Delta R.T. 0.438 min
Lab File: BG055165.D
Acq: 13 Oct 2022 15:50

Tgt Ion:165 Resp: 15201
Ion Ratio Lower Upper
165 100
63 0.0 46.6 70.0#
89 0.0 47.6 71.4#





#57

2,4-Dinitrotoluene

Concen: 5.420 ng

RT: 14.912 min Scan# 14

Delta R.T. -0.344 min

Lab File: BG055165.D

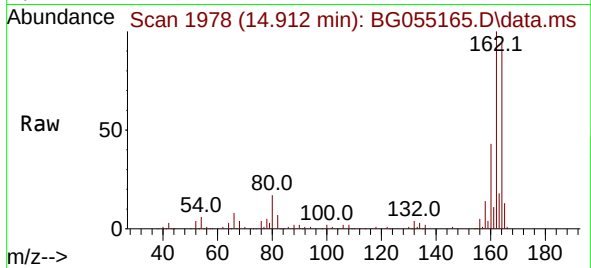
Acq: 13 Oct 2022 15:50

Instrument :

BNA_G

ClientSampleId :

WC-5



Tgt Ion:165 Resp: 15201

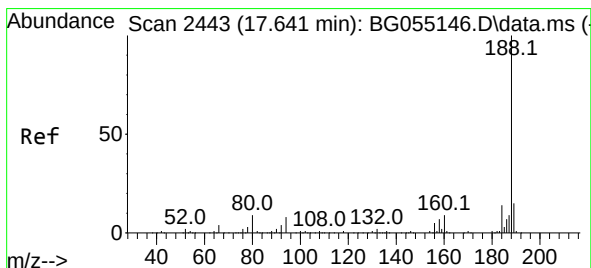
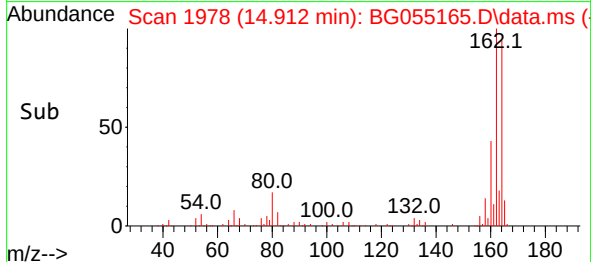
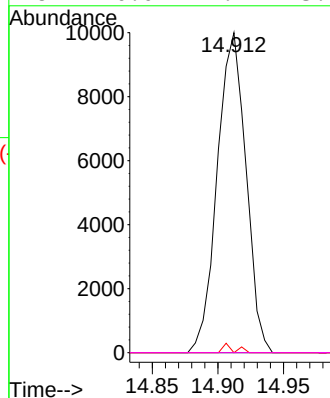
Ion Ratio Lower Upper

165 100

63 0.0 35.6 53.4#

89 0.0 56.4 84.6#

182 0.0 2.1 3.1#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.644 min Scan# 2443

Delta R.T. 0.003 min

Lab File: BG055165.D

Acq: 13 Oct 2022 15:50

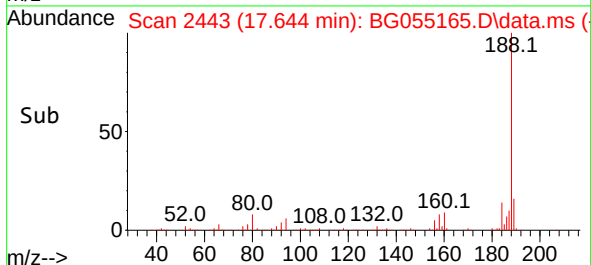
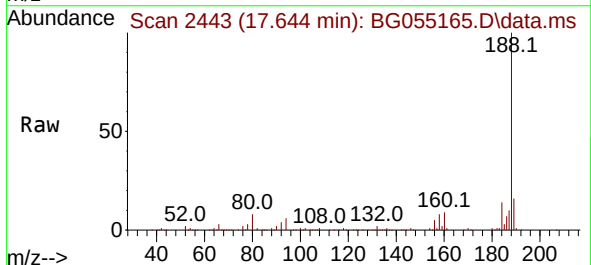
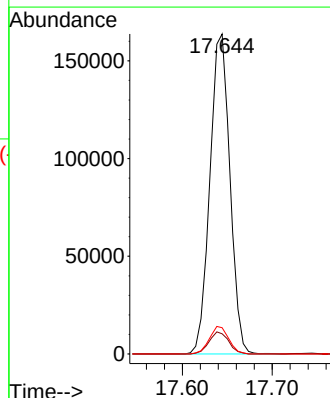
Tgt Ion:188 Resp: 253507

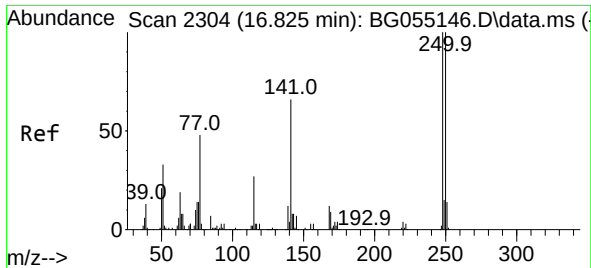
Ion Ratio Lower Upper

188 100

94 6.3 6.2 9.2

80 8.2 7.0 10.6

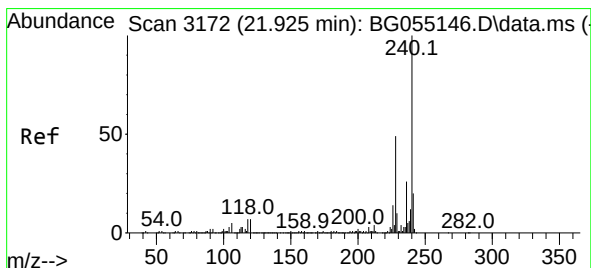
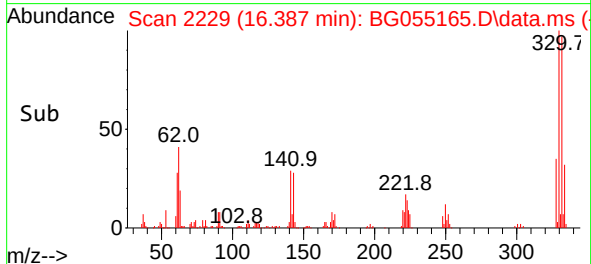
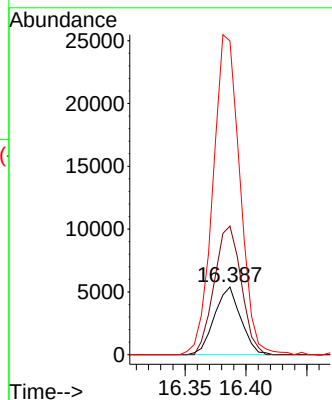
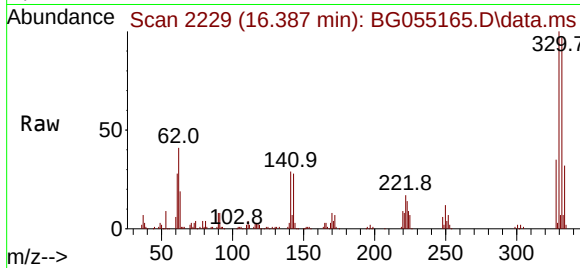




#67
4-Bromophenyl-phenylether
Concen: 2.929 ng
RT: 16.387 min Scan# 21
Delta R.T. -0.438 min
Lab File: BG055165.D
Acq: 13 Oct 2022 15:50

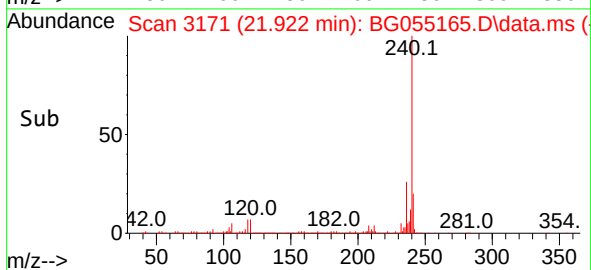
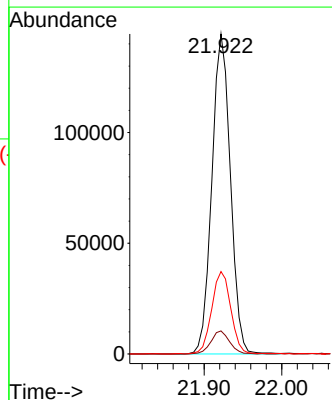
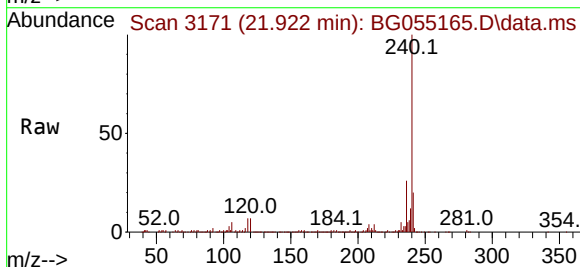
Instrument :
BNA_G
ClientSampleId :
WC-5

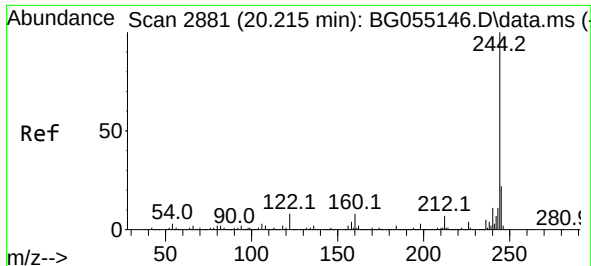
Tgt Ion:248 Resp: 8094
Ion Ratio Lower Upper
248 100
250 190.0 80.1 120.1#
141 463.5 53.1 79.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.922 min Scan# 3171
Delta R.T. -0.003 min
Lab File: BG055165.D
Acq: 13 Oct 2022 15:50

Tgt Ion:240 Resp: 240166
Ion Ratio Lower Upper
240 100
120 7.2 5.4 8.0
236 25.7 20.6 31.0

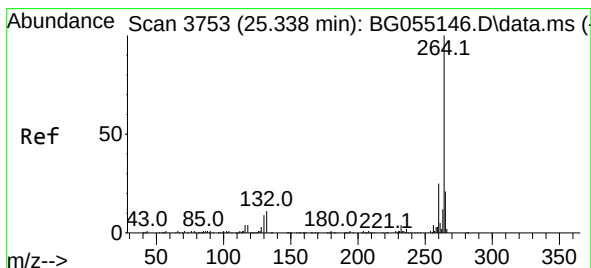
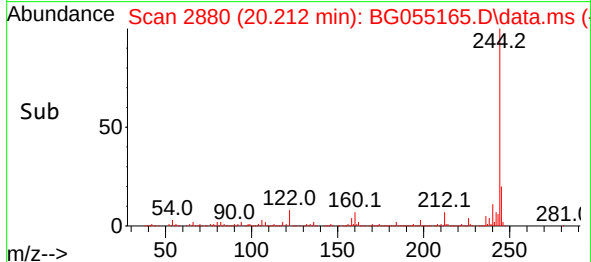
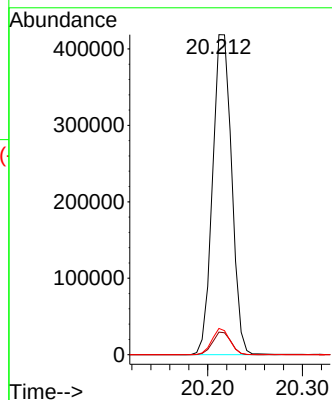
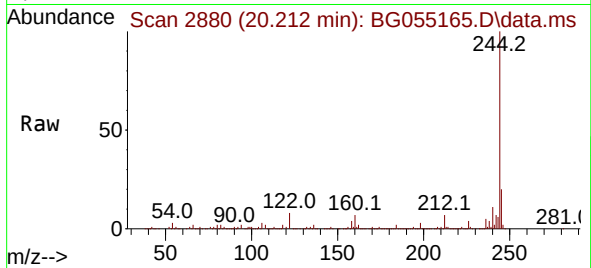




#79
 Terphenyl-d14
 Concen: 49.031 ng
 RT: 20.212 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG055165.D
 Acq: 13 Oct 2022 15:50

Instrument :
 BNA_G
 ClientSampleId :
 WC-5

Tgt Ion:244 Resp: 584678
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 8.2 6.6 10.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.341 min Scan# 3753
 Delta R.T. 0.003 min
 Lab File: BG055165.D
 Acq: 13 Oct 2022 15:50

Tgt Ion:264 Resp: 254081
 Ion Ratio Lower Upper
 264 100
 260 23.6 20.1 30.1
 265 22.4 16.8 25.2

