

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102922\
 Data File : BG055363.D
 Acq On : 29 Oct 2022 13:20
 Operator : CG/JU
 Sample : N5271-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-IDW-0001

Quant Time: Oct 31 02:43:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 29 04:52:38 2022
 Response via : Initial Calibration

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

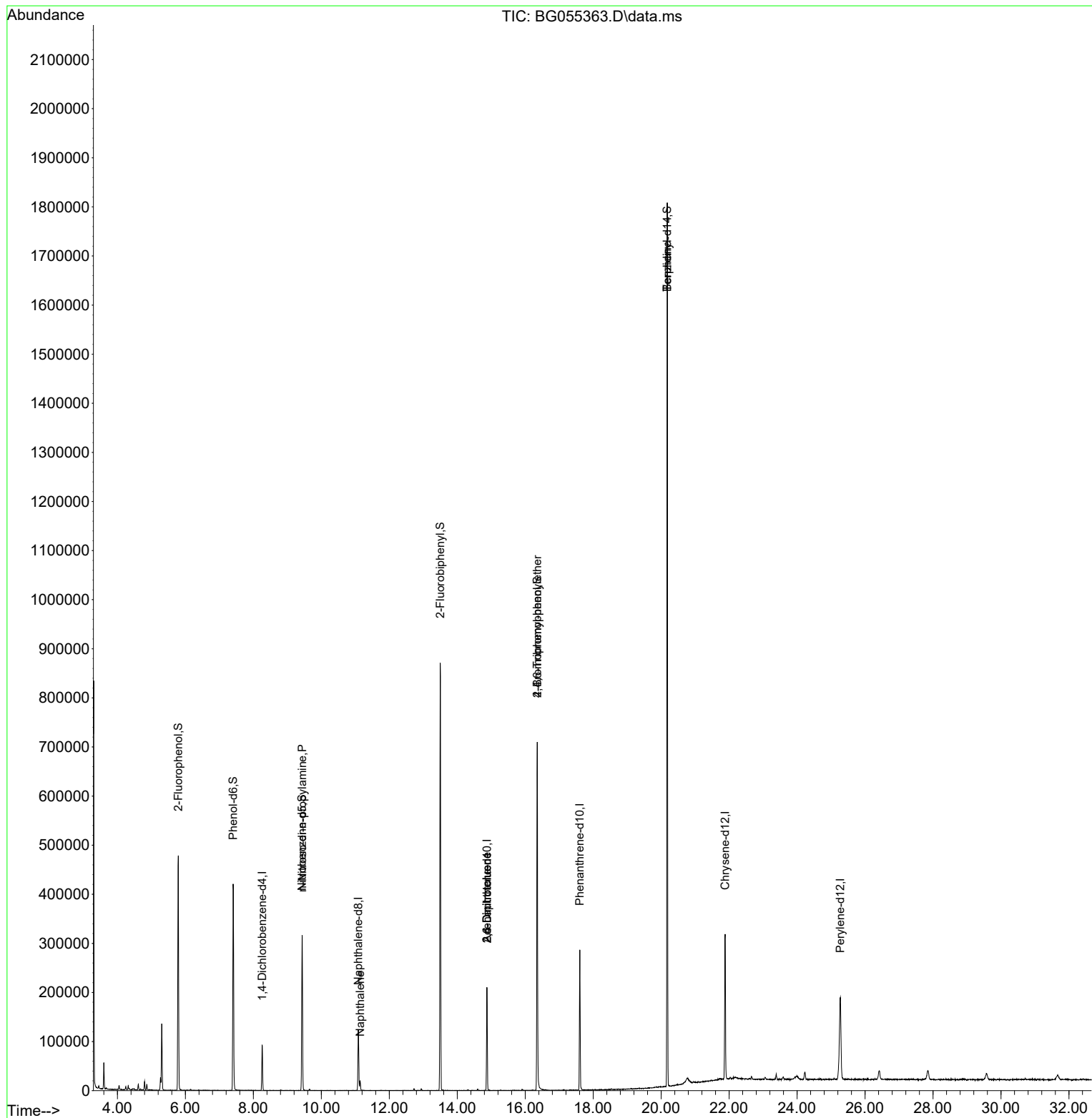
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.258	152	27594	20.000	ng	0.00
21) Naphthalene-d8	11.090	136	114187	20.000	ng	# 0.00
39) Acenaphthene-d10	14.874	164	76151	20.000	ng	0.00
64) Phenanthrene-d10	17.606	188	184689	20.000	ng	# 0.00
76) Chrysene-d12	21.883	240	189113	20.000	ng	# 0.00
86) Perylene-d12	25.273	264	198357	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.790	112	228054	144.711	ng	0.00
7) Phenol-d6	7.406	99	271138	118.756	ng	0.00
23) Nitrobenzene-d5	9.433	82	200037	89.455	ng	0.00
42) 2,4,6-Tribromophenol	16.355	330	159946	193.212	ng	0.00
45) 2-Fluorobiphenyl	13.499	172	470913	101.216	ng	-0.01
79) Terphenyl-d14	20.179	244	903149	99.224	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.439	70	26530	13.993	ng	# 75
31) Naphthalene	11.143	128	17899	2.938	ng	99
51) 2,6-Dinitrotoluene	14.874	165	10178	8.366	ng	# 19
57) 2,4-Dinitrotoluene	14.874	165	10178	5.765	ng	# 18
67) 4-Bromophenyl-phenylether	16.355	248	10139	5.651	ng	# 1
77) Benzidine	20.179	184	12668	2.767	ng	# 89

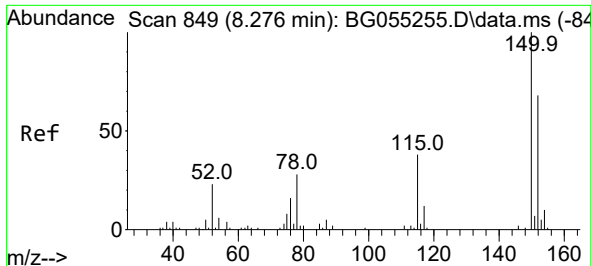
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102922\
Data File : BG055363.D
Acq On : 29 Oct 2022 13:20
Operator : CG/JU
Sample : N5271-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-IDW-0001

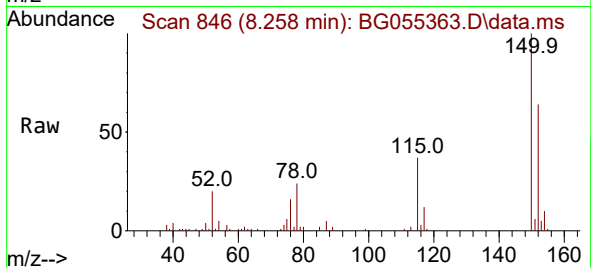
Quant Time: Oct 31 02:43:15 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 29 04:52:38 2022
Response via : Initial Calibration



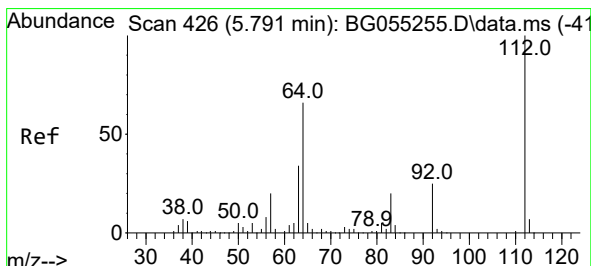
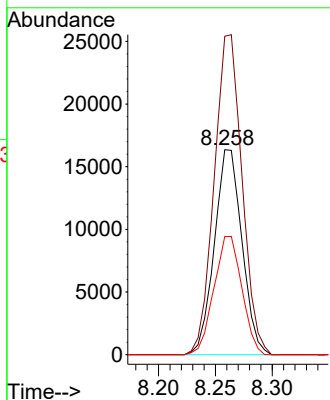
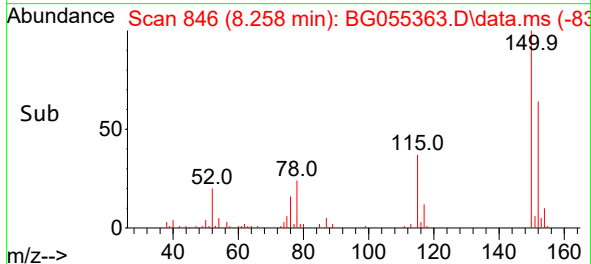


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.258 min Scan# 849
Delta R.T. -0.007 min
Lab File: BG055363.D
Acq: 29 Oct 2022 13:20

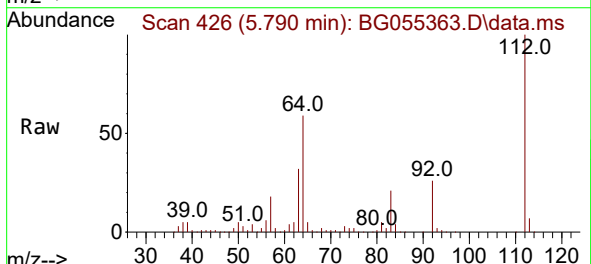
Instrument :
BNA_G
ClientSampleId :
WC-IDW-0001



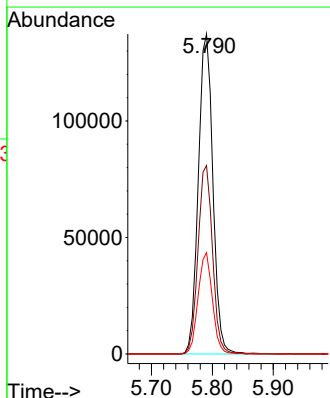
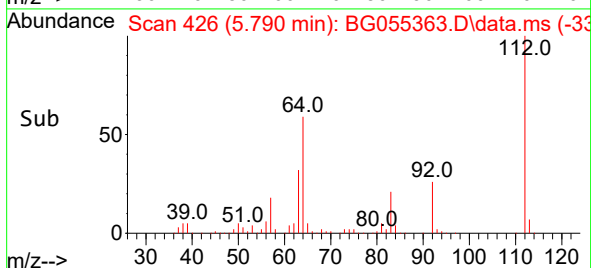
Tgt Ion:152 Resp: 27594
Ion Ratio Lower Upper
152 100
150 155.4 118.2 177.4
115 57.6 44.5 66.7



#5
2-Fluorophenol
Concen: 144.711 ng
RT: 5.790 min Scan# 426
Delta R.T. 0.005 min
Lab File: BG055363.D
Acq: 29 Oct 2022 13:20



Tgt Ion:112 Resp: 228054
Ion Ratio Lower Upper
112 100
64 58.9 52.6 78.8
63 31.7 27.1 40.7

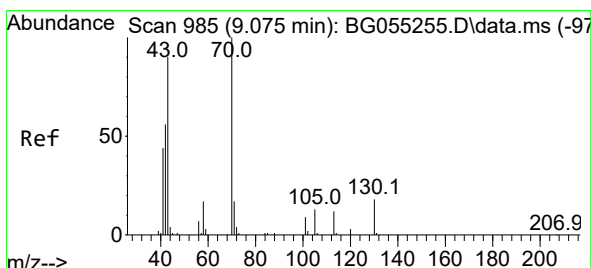
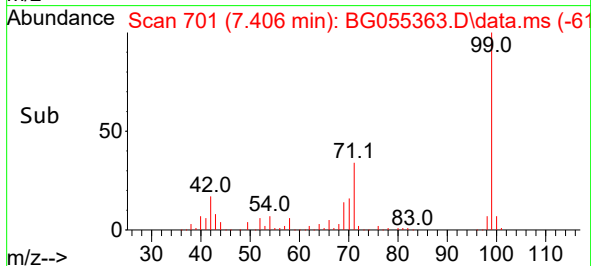
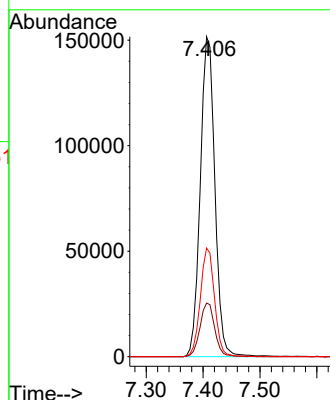
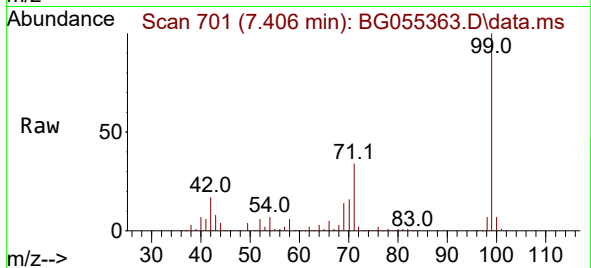




#7
Phenol-d6
Concen: 118.756 ng
RT: 7.406 min Scan# 702
Delta R.T. -0.007 min
Lab File: BG055363.D
Acq: 29 Oct 2022 13:20

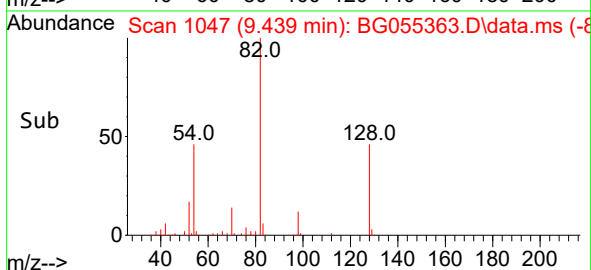
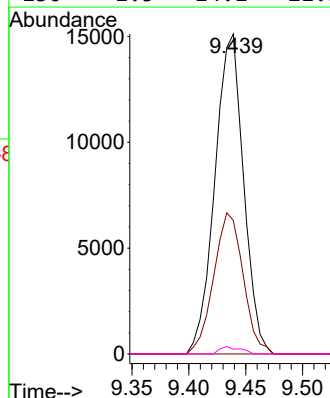
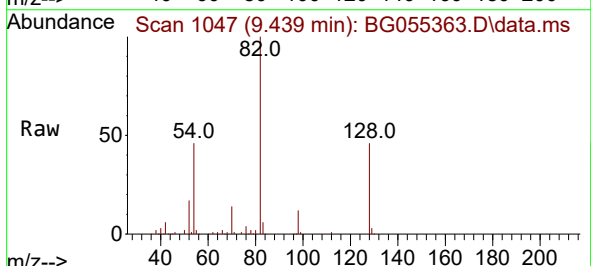
Instrument :
BNA_G
ClientSampleId :
WC-IDW-0001

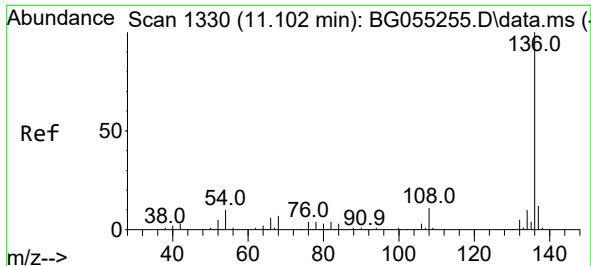
Tgt Ion: 99 Resp: 271138
Ion Ratio Lower Upper
99 100
42 16.7 15.2 22.8
71 34.0 26.2 39.4



#19
n-Nitroso-di-n-propylamine
Concen: 13.993 ng
RT: 9.439 min Scan# 1047
Delta R.T. 0.369 min
Lab File: BG055363.D
Acq: 29 Oct 2022 13:20

Tgt Ion: 70 Resp: 26530
Ion Ratio Lower Upper
70 100
42 41.8 45.8 68.6#
101 0.0 7.4 11.0#
130 1.5 14.1 21.1#

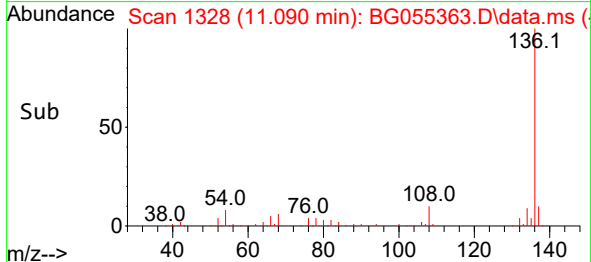
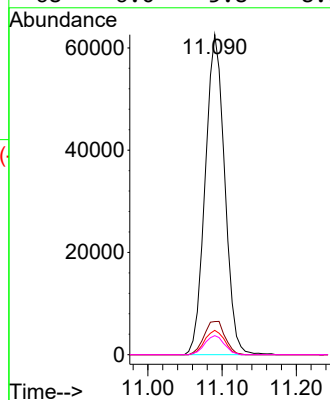
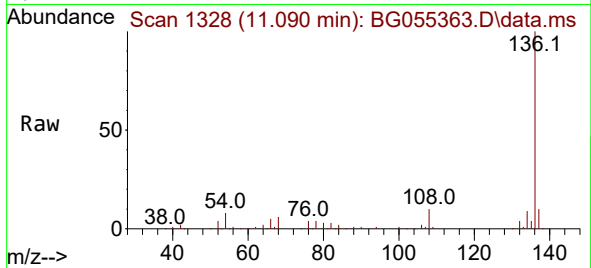




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.090 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG055363.D
Acq: 29 Oct 2022 13:20

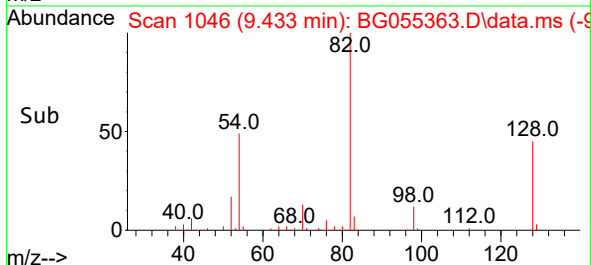
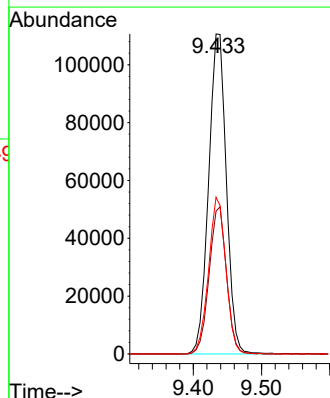
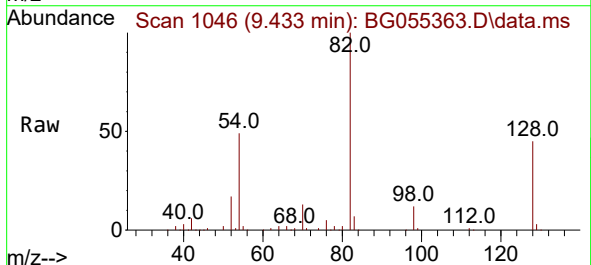
Instrument :
BNA_G
ClientSampleId :
WC-IDW-0001

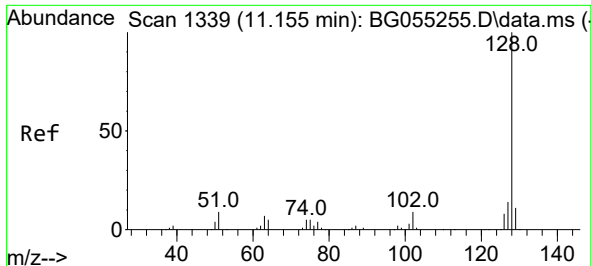
Tgt Ion:136 Resp: 114187
Ion Ratio Lower Upper
136 100
137 10.4 9.2 13.8
54 7.6 7.8 11.8#
68 6.0 5.8 8.6



#23
Nitrobenzene-d5
Concen: 89.455 ng
RT: 9.433 min Scan# 1046
Delta R.T. -0.007 min
Lab File: BG055363.D
Acq: 29 Oct 2022 13:20

Tgt Ion: 82 Resp: 200037
Ion Ratio Lower Upper
82 100
128 44.6 32.0 48.0
54 48.9 40.9 61.3

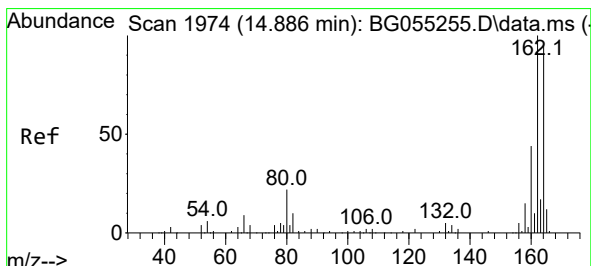
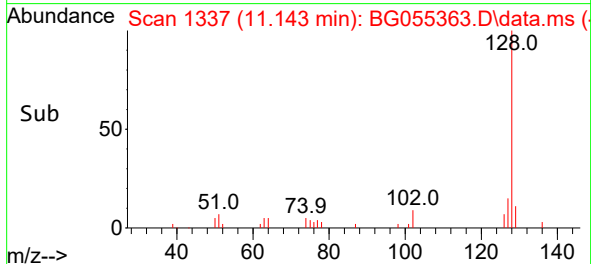
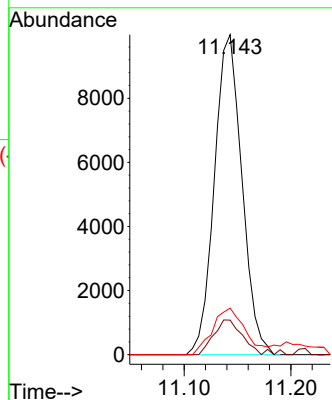
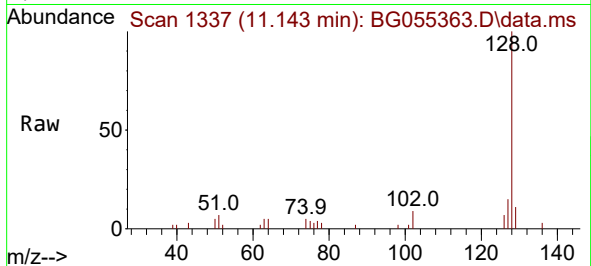




#31
Naphthalene
Concen: 2.938 ng
RT: 11.143 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG055363.D
Acq: 29 Oct 2022 13:20

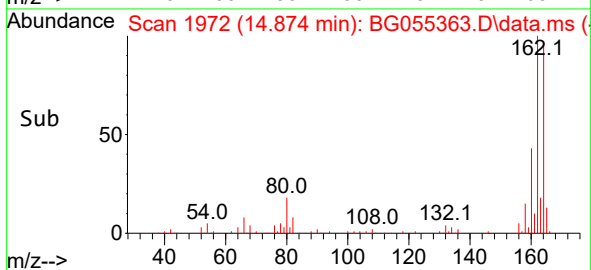
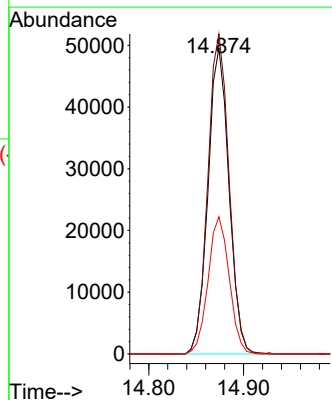
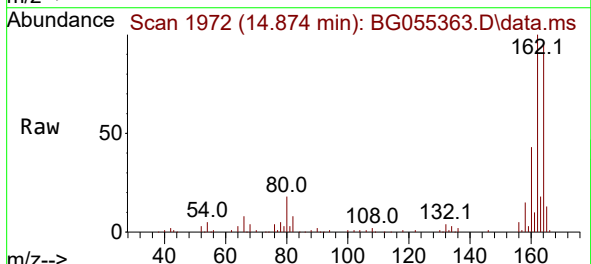
Instrument :
BNA_G
ClientSampleId :
WC-IDW-0001

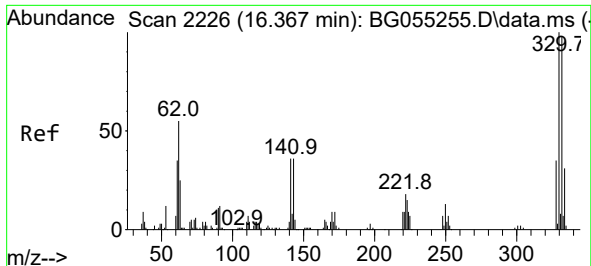
Tgt Ion:128 Resp: 17899
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.6
127 14.6 11.1 16.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.874 min Scan# 1972
Delta R.T. -0.007 min
Lab File: BG055363.D
Acq: 29 Oct 2022 13:20

Tgt Ion:164 Resp: 76151
Ion Ratio Lower Upper
164 100
162 104.6 84.0 126.0
160 44.9 36.7 55.1

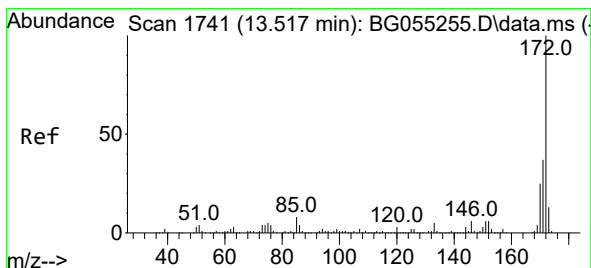
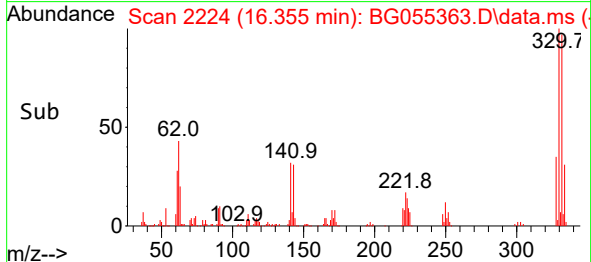
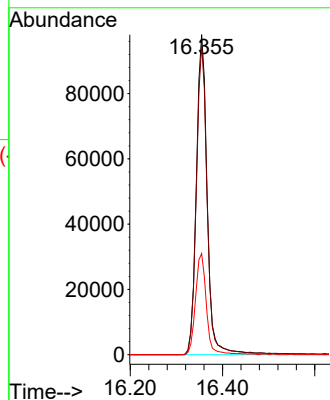
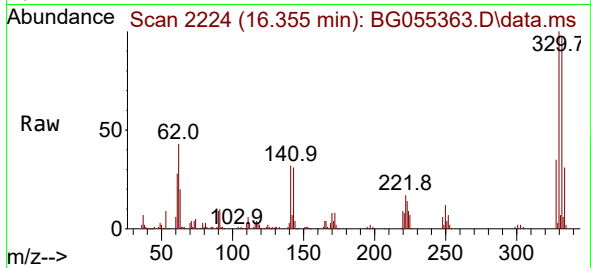




#42
2,4,6-Tribromophenol
Concen: 193.212 ng
RT: 16.355 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG055363.D
Acq: 29 Oct 2022 13:20

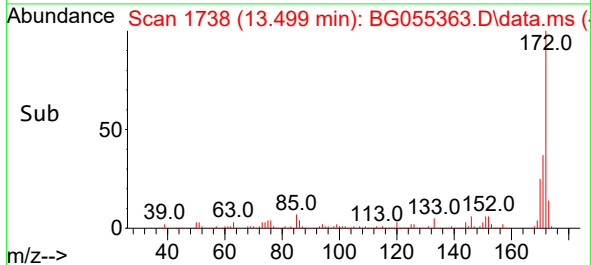
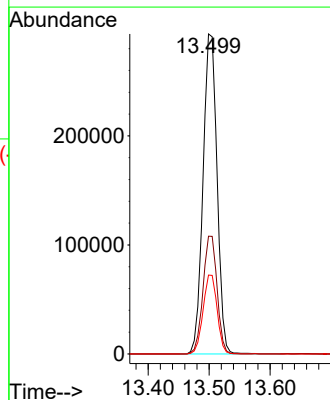
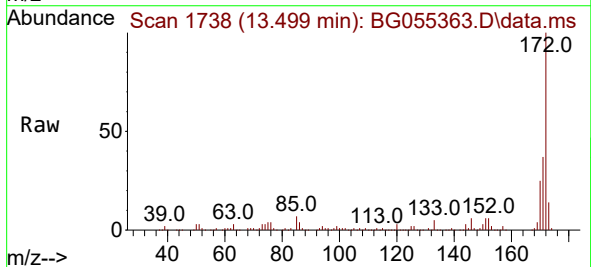
Instrument :
BNA_G
ClientSampleId :
WC-IDW-0001

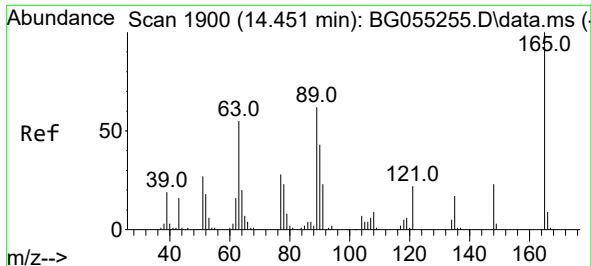
Tgt Ion:330 Resp: 159946
Ion Ratio Lower Upper
330 100
332 96.0 77.4 116.0
141 31.8 29.8 44.8



#45
2-Fluorobiphenyl
Concen: 101.216 ng
RT: 13.499 min Scan# 1738
Delta R.T. -0.013 min
Lab File: BG055363.D
Acq: 29 Oct 2022 13:20

Tgt Ion:172 Resp: 470913
Ion Ratio Lower Upper
172 100
171 36.8 29.7 44.5
170 24.6 20.2 30.2

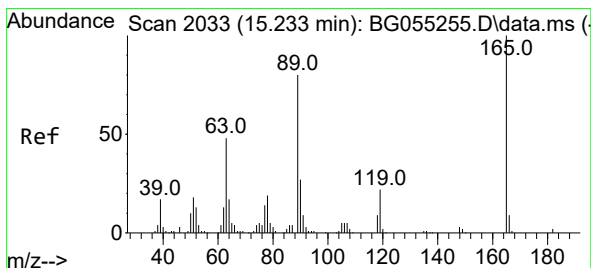
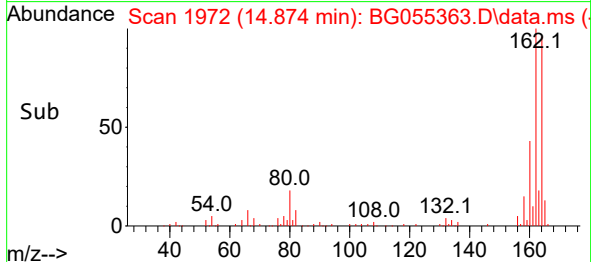
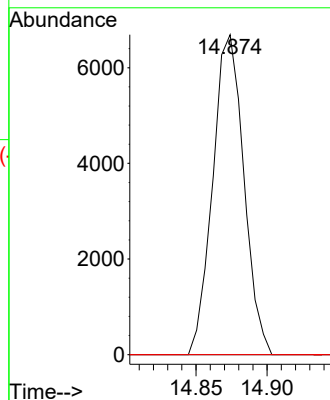
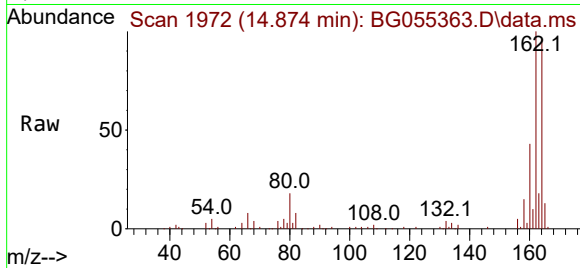




#51
2,6-Dinitrotoluene
Concen: 8.366 ng
RT: 14.874 min Scan# 1900
Delta R.T. 0.422 min
Lab File: BG055363.D
Acq: 29 Oct 2022 13:20

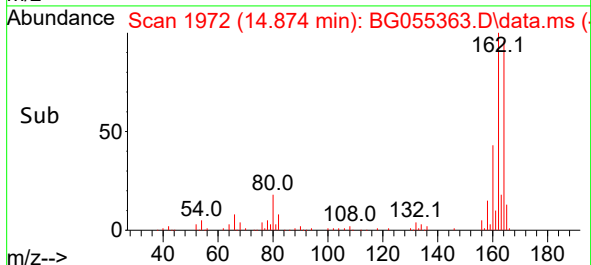
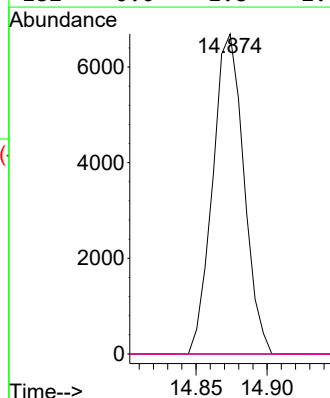
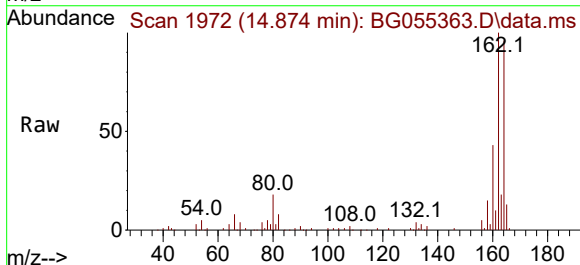
Instrument :
BNA_G
ClientSampleId :
WC-IDW-0001

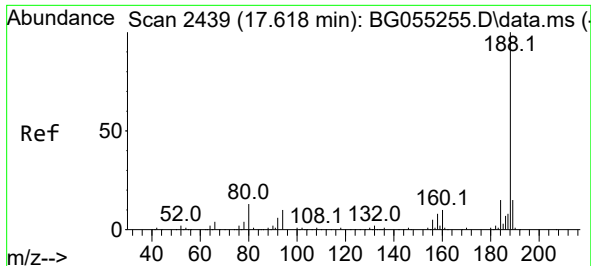
Tgt Ion:165 Resp: 10178
Ion Ratio Lower Upper
165 100
63 0.0 49.2 73.8#
89 0.0 49.9 74.9#



#57
2,4-Dinitrotoluene
Concen: 5.765 ng
RT: 14.874 min Scan# 1972
Delta R.T. -0.359 min
Lab File: BG055363.D
Acq: 29 Oct 2022 13:20

Tgt Ion:165 Resp: 10178
Ion Ratio Lower Upper
165 100
63 0.0 38.9 58.3#
89 0.0 64.2 96.4#
182 0.0 1.8 2.6#

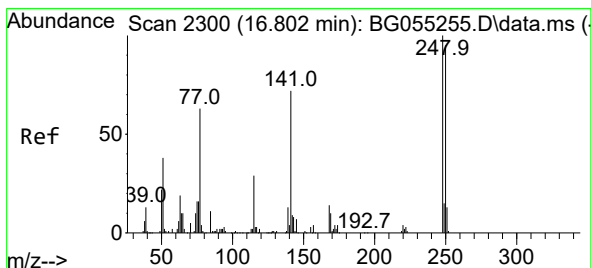
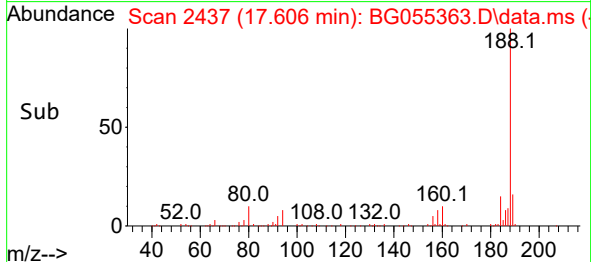
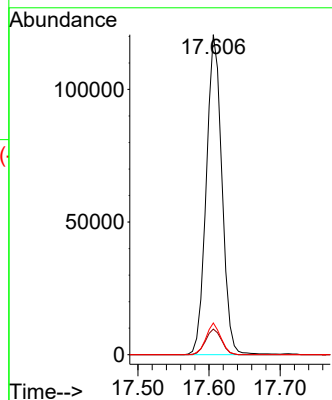
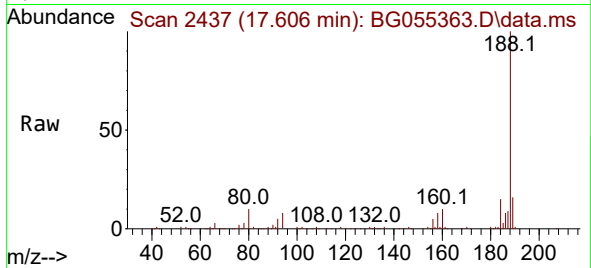




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.606 min Scan# 2439
Delta R.T. -0.007 min
Lab File: BG055363.D
Acq: 29 Oct 2022 13:20

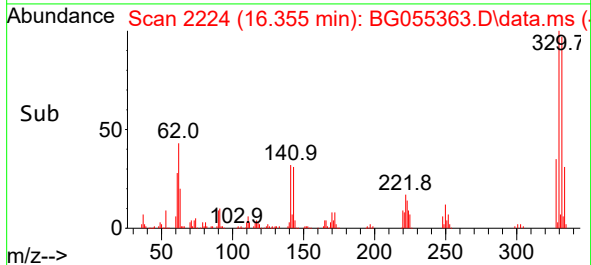
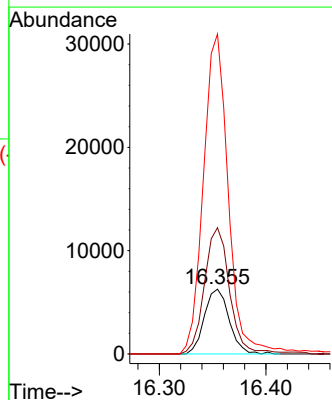
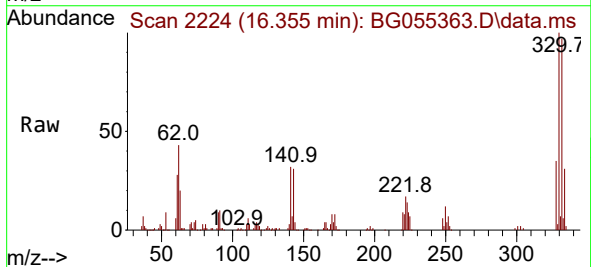
Instrument :
BNA_G
ClientSampleId :
WC-IDW-0001

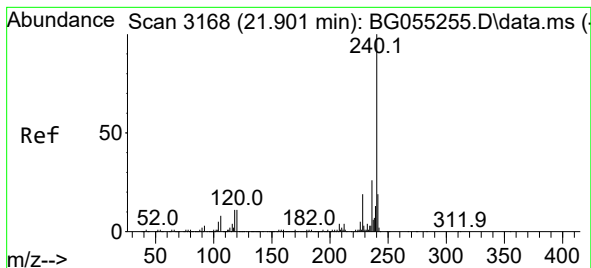
Tgt Ion:188 Resp: 184689
Ion Ratio Lower Upper
188 100
94 8.0 8.2 12.4#
80 9.9 10.1 15.1#



#67
4-Bromophenyl-phenylether
Concen: 5.651 ng
RT: 16.355 min Scan# 2224
Delta R.T. -0.441 min
Lab File: BG055363.D
Acq: 29 Oct 2022 13:20

Tgt Ion:248 Resp: 10139
Ion Ratio Lower Upper
248 100
250 194.7 76.0 114.0#
141 493.4 58.0 87.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.883 min Scan# 3165

Delta R.T. -0.007 min

Lab File: BG055363.D

Acq: 29 Oct 2022 13:20

Instrument :

BNA_G

ClientSampleId :

WC-IDW-0001

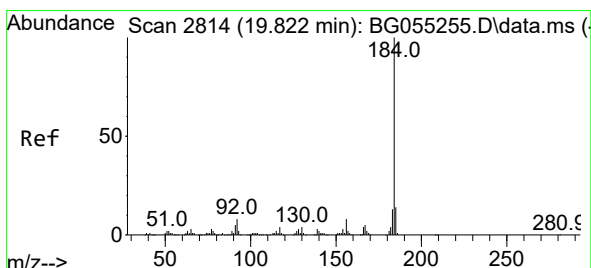
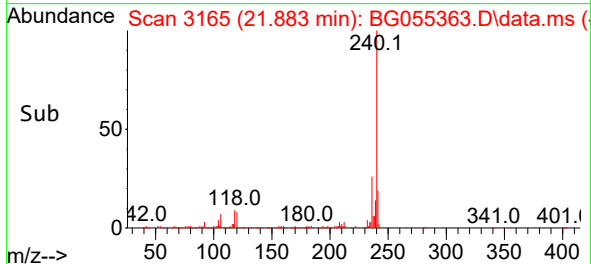
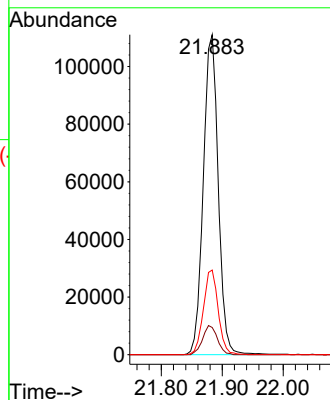
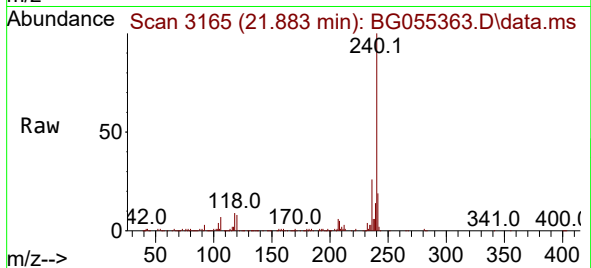
Tgt Ion:240 Resp: 189113

Ion Ratio Lower Upper

240 100

120 8.5 8.9 13.3#

236 26.4 21.0 31.4



#77

Benzidine

Concen: 2.767 ng

RT: 20.179 min Scan# 2875

Delta R.T. 0.363 min

Lab File: BG055363.D

Acq: 29 Oct 2022 13:20

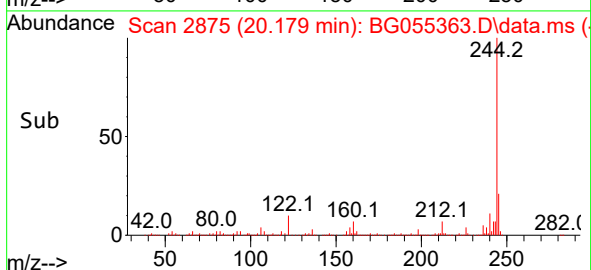
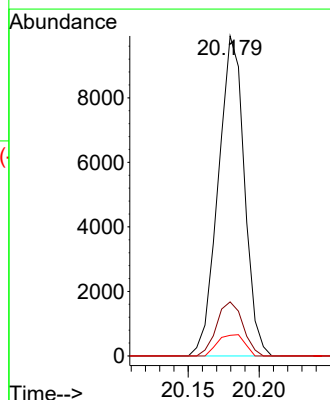
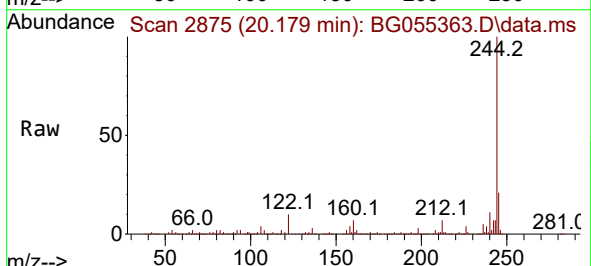
Tgt Ion:184 Resp: 12668

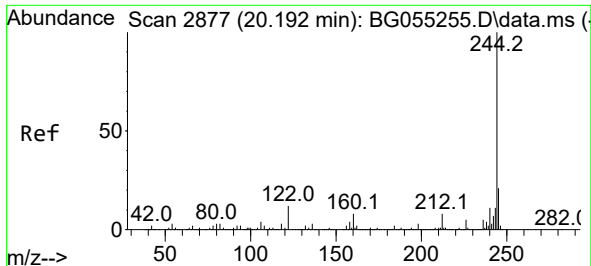
Ion Ratio Lower Upper

184 100

185 16.9 11.0 16.6#

183 6.5 10.0 15.0#

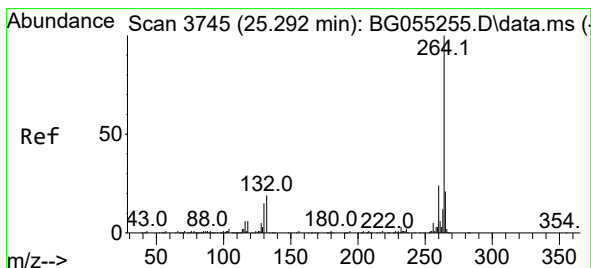
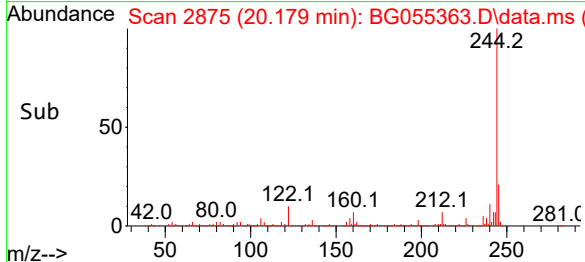
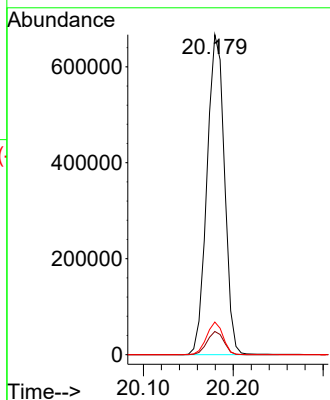
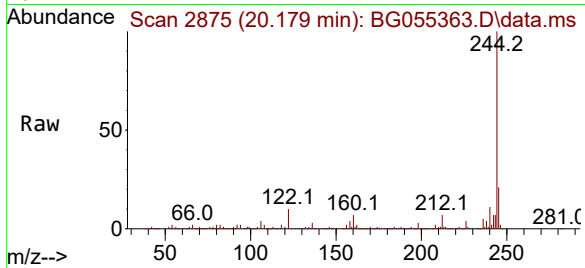




#79
 Terphenyl-d14
 Concen: 99.224 ng
 RT: 20.179 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG055363.D
 Acq: 29 Oct 2022 13:20

Instrument :
 BNA_G
 ClientSampleId :
 WC-IDW-0001

Tgt Ion:244 Resp: 903149
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 10.2 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.273 min Scan# 3742
 Delta R.T. -0.013 min
 Lab File: BG055363.D
 Acq: 29 Oct 2022 13:20

Tgt Ion:264 Resp: 198357
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.5 29.3
 265 21.1 17.4 26.2

