

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101322\
 Data File : BG055167.D
 Acq On : 13 Oct 2022 17:15
 Operator : CG/JU
 Sample : N5105-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-2

Quant Time: Oct 14 01:26:55 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)

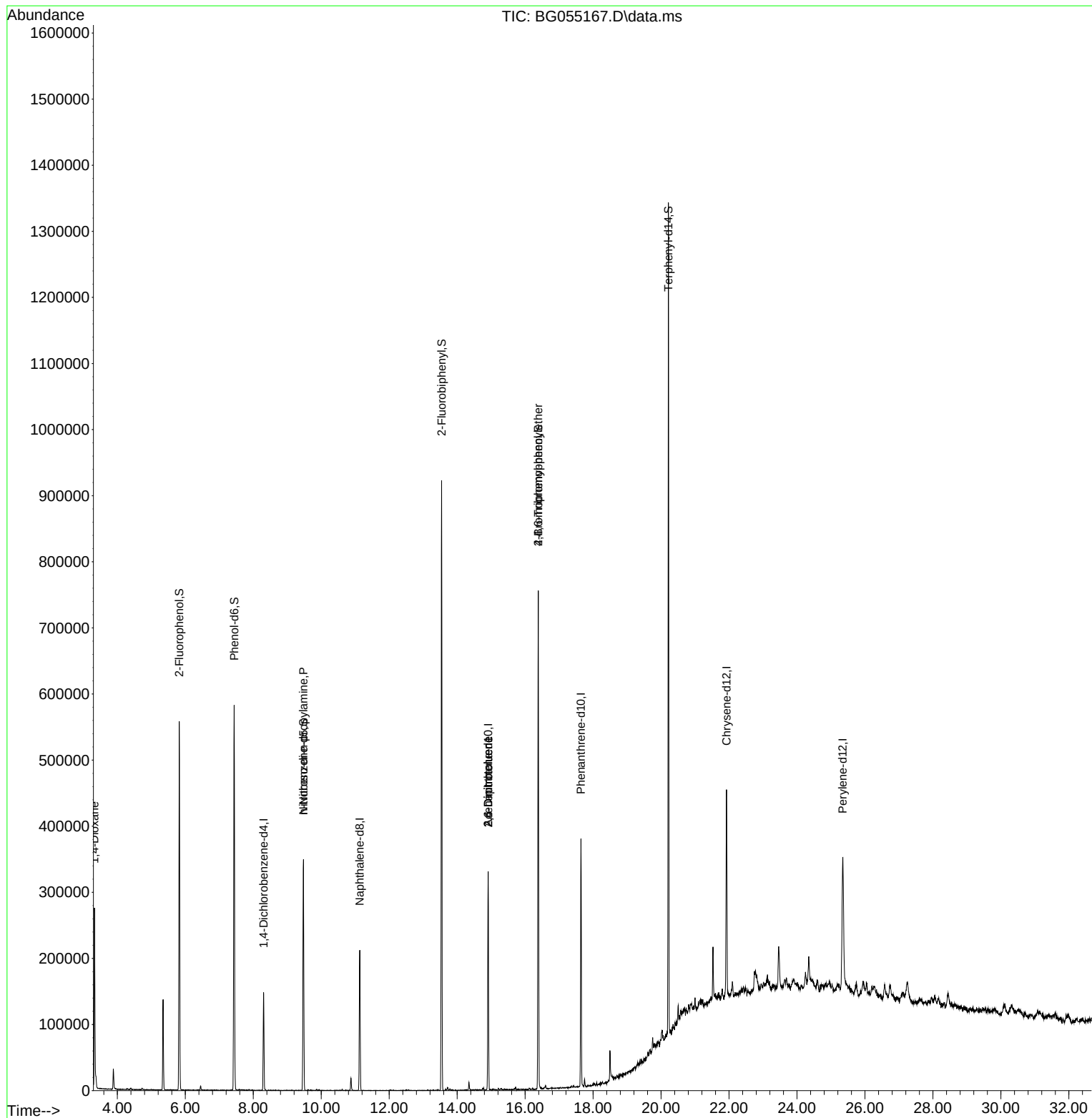
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.300	152	42912	20.000	ng	0.00
21) Naphthalene-d8	11.132	136	179201	20.000	ng	0.00
39) Acenaphthene-d10	14.910	164	118306	20.000	ng	0.00
64) Phenanthrene-d10	17.642	188	239402	20.000	ng	0.00
76) Chrysene-d12	21.925	240	221375	20.000	ng	0.00
86) Perylene-d12	25.345	264	237728	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.821	112	237937	108.482	ng	0.00
7) Phenol-d6	7.437	99	327640	100.982	ng	0.00
23) Nitrobenzene-d5	9.475	82	209586	62.717	ng	0.00
42) 2,4,6-Tribromophenol	16.385	330	159530	93.846	ng	0.00
45) 2-Fluorobiphenyl	13.541	172	479589	66.221	ng	0.00
79) Terphenyl-d14	20.216	244	631649	57.466	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.324	88	2286	2.463	ng	# 1
19) n-Nitroso-di-n-propyla...	9.475	70	29259	11.174	ng	# 76
51) 2,6-Dinitrotoluene	14.910	165	14970	7.650	ng	# 23
57) 2,4-Dinitrotoluene	14.910	165	14970	5.223	ng	# 24
67) 4-Bromophenyl-phenylether	16.385	248	9483	3.634	ng	# 1

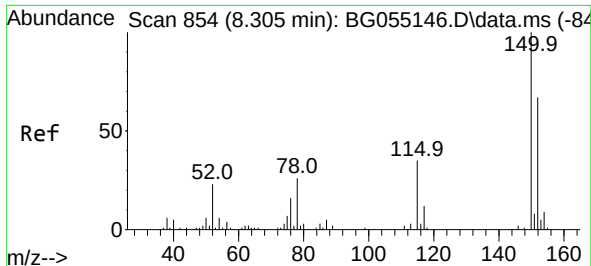
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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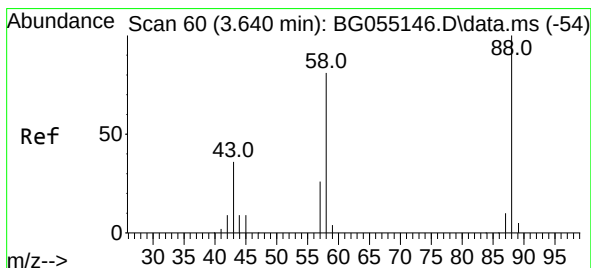
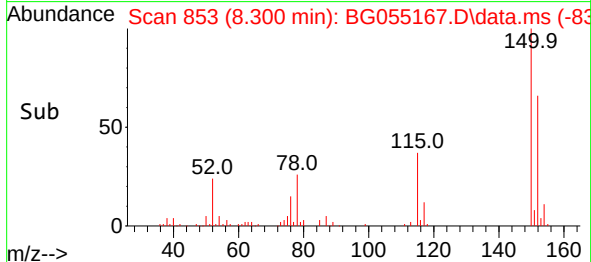
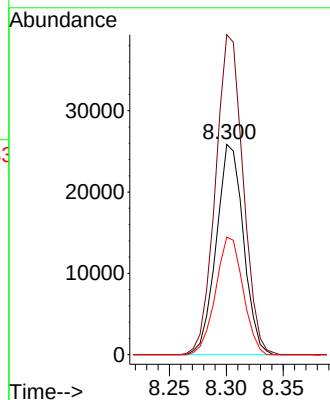
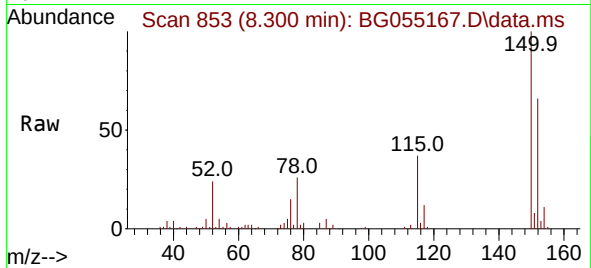




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.300 min Scan# 8
Delta R.T. -0.005 min
Lab File: BG055167.D
Acq: 13 Oct 2022 17:15

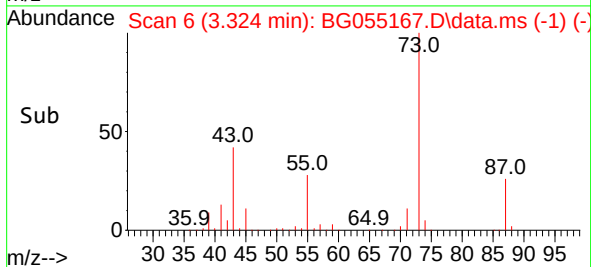
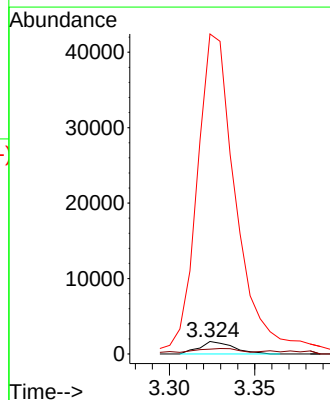
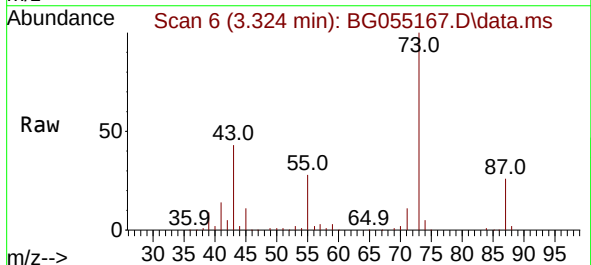
Instrument :
BNA_G
ClientSampleId :
WC-2

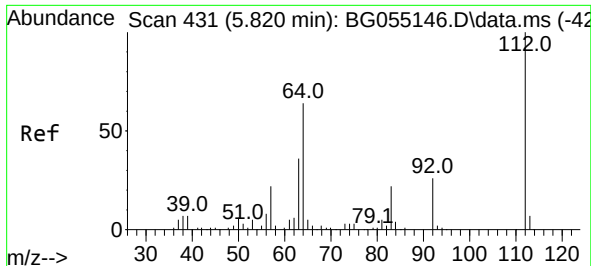
Tgt Ion:152 Resp: 42912
Ion Ratio Lower Upper
152 100
150 152.2 119.7 179.5
115 55.9 42.4 63.6



#2
1,4-Dioxane
Concen: 2.463 ng
RT: 3.324 min Scan# 6
Delta R.T. -0.316 min
Lab File: BG055167.D
Acq: 13 Oct 2022 17:15

Tgt Ion: 88 Resp: 2286
Ion Ratio Lower Upper
88 100
58 33.2 61.0 91.4#
43 2781.0 26.5 39.7#

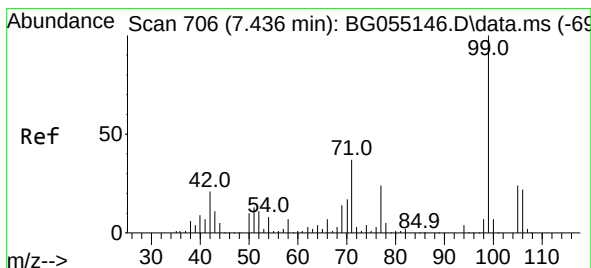
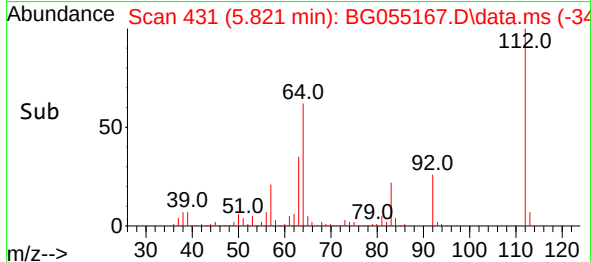
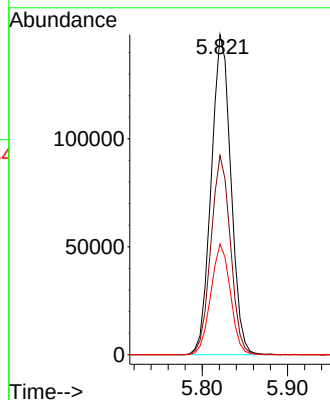
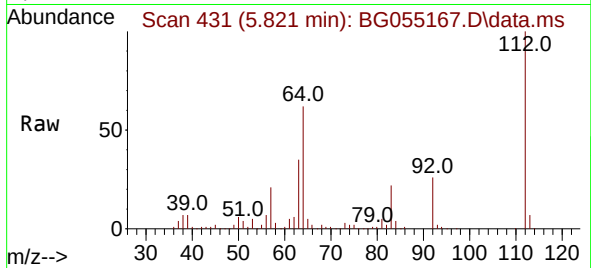




#5
2-Fluorophenol
Concen: 108.482 ng
RT: 5.821 min Scan# 41
Delta R.T. 0.001 min
Lab File: BG055167.D
Acq: 13 Oct 2022 17:15

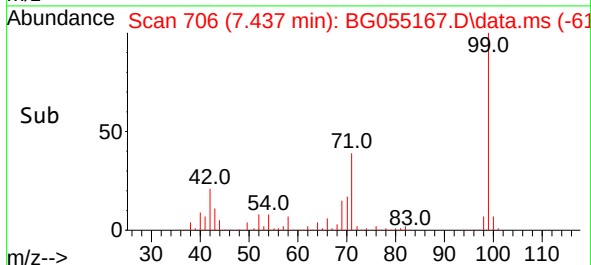
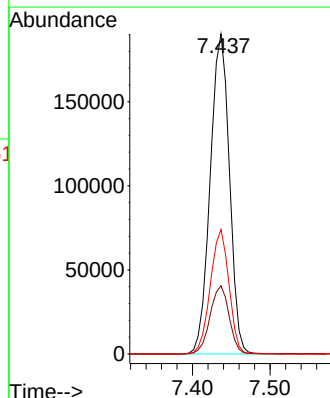
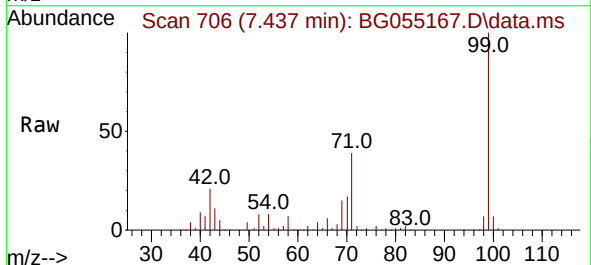
Instrument :
BNA_G
ClientSampleId :
WC-2

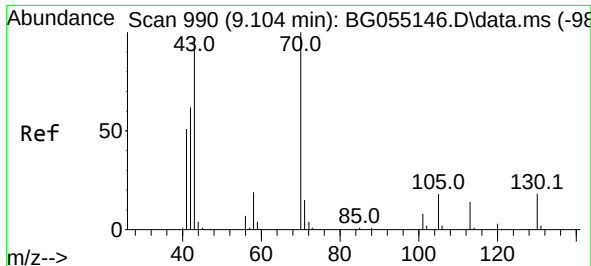
Tgt Ion:112 Resp: 237937
Ion Ratio Lower Upper
112 100
64 62.2 50.9 76.3
63 34.6 29.0 43.6



#7
Phenol-d6
Concen: 100.982 ng
RT: 7.437 min Scan# 706
Delta R.T. 0.001 min
Lab File: BG055167.D
Acq: 13 Oct 2022 17:15

Tgt Ion: 99 Resp: 327640
Ion Ratio Lower Upper
99 100
42 21.3 16.6 25.0
71 38.9 29.6 44.4

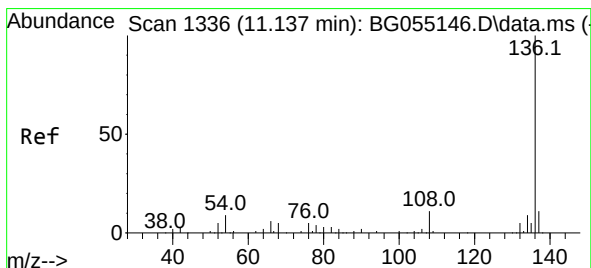
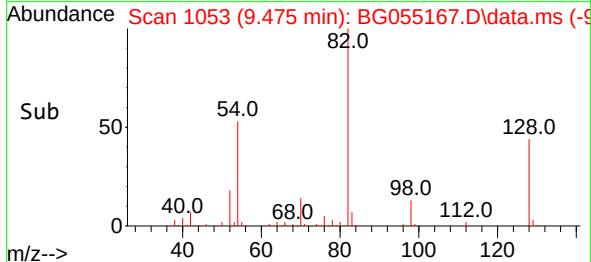
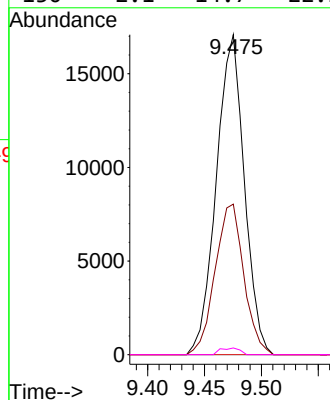
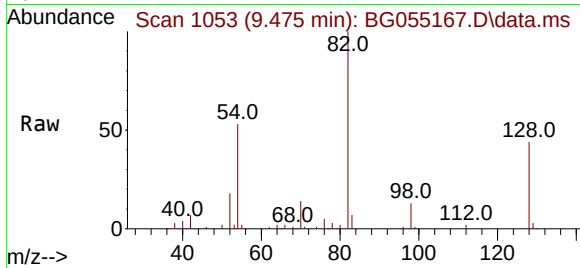




#19
n-Nitroso-di-n-propylamine
Concen: 11.174 ng
RT: 9.475 min Scan# 1053
Delta R.T. 0.371 min
Lab File: BG055167.D
Acq: 13 Oct 2022 17:15

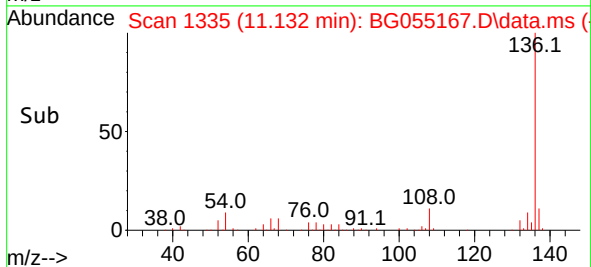
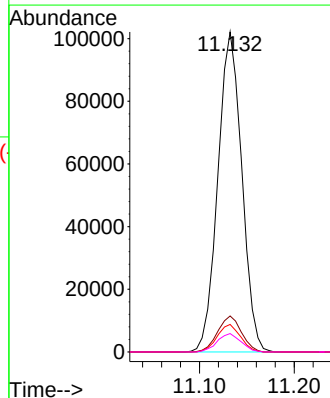
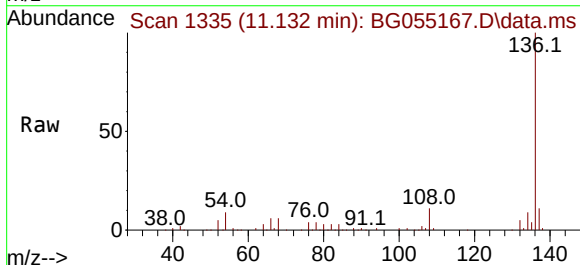
Instrument :
BNA_G
ClientSampleId :
WC-2

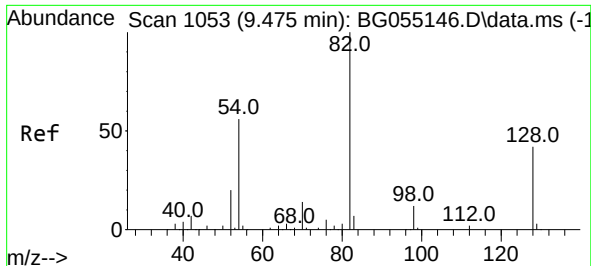
Tgt Ion: 70 Resp: 29259
Ion Ratio Lower Upper
70 100
42 47.1 50.1 75.1#
101 0.0 6.6 10.0#
130 2.1 14.7 22.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.132 min Scan# 1335
Delta R.T. -0.005 min
Lab File: BG055167.D
Acq: 13 Oct 2022 17:15

Tgt Ion:136 Resp: 179201
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 8.6 7.0 10.6
68 5.8 4.3 6.5

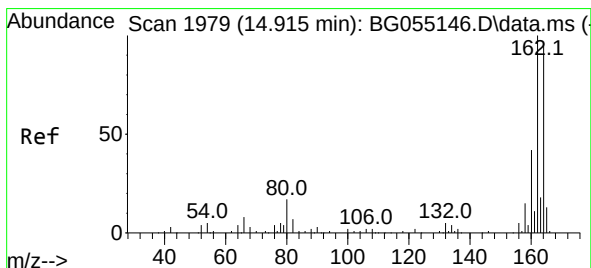
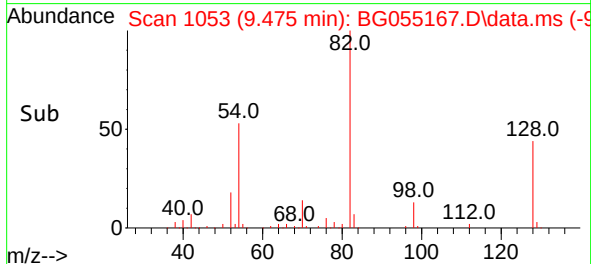
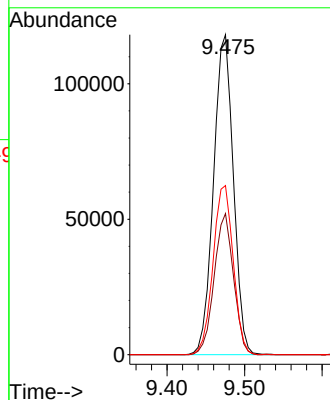
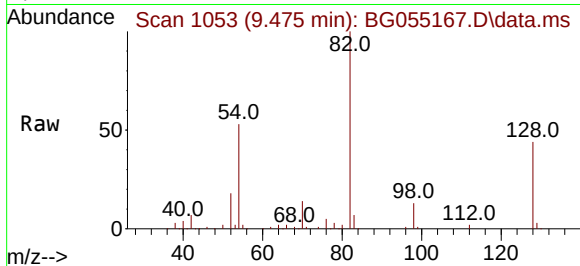




#23
 Nitrobenzene-d5
 Concen: 62.717 ng
 RT: 9.475 min Scan# 1053
 Delta R.T. 0.001 min
 Lab File: BG055167.D
 Acq: 13 Oct 2022 17:15

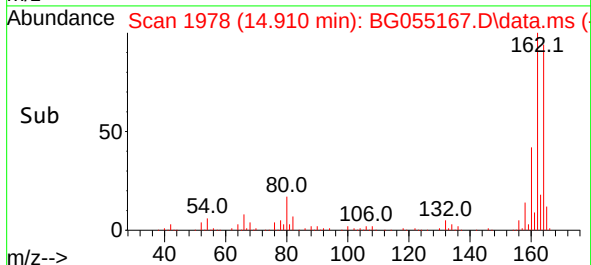
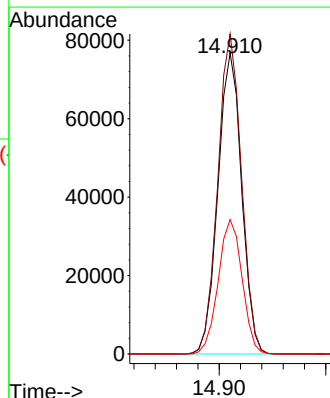
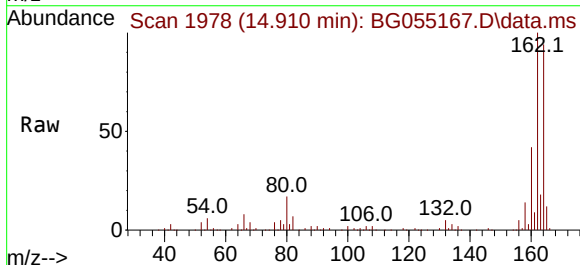
Instrument :
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 ClientSampleId :
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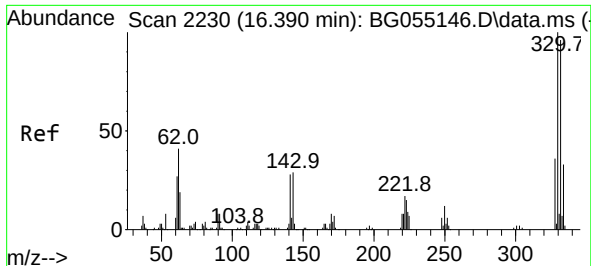
Tgt Ion: 82 Resp: 209586
 Ion Ratio Lower Upper
 82 100
 128 44.1 33.5 50.3
 54 52.9 44.7 67.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.910 min Scan# 1978
 Delta R.T. -0.005 min
 Lab File: BG055167.D
 Acq: 13 Oct 2022 17:15

Tgt Ion:164 Resp: 118306
 Ion Ratio Lower Upper
 164 100
 162 106.3 83.3 124.9
 160 44.7 35.3 52.9

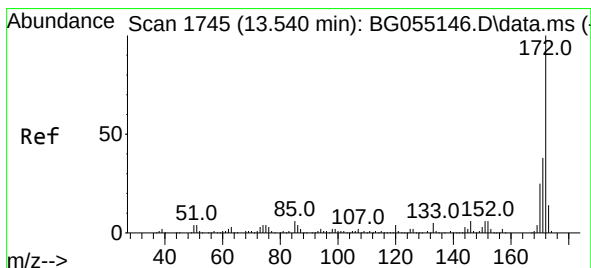
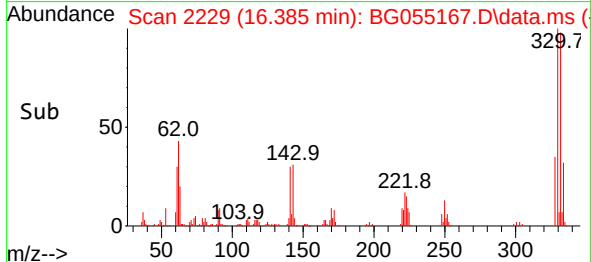
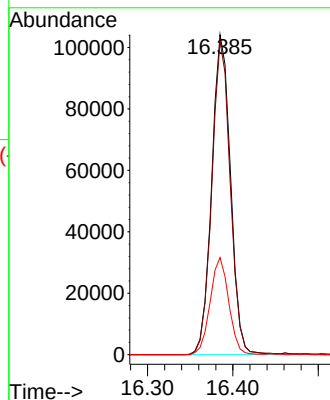
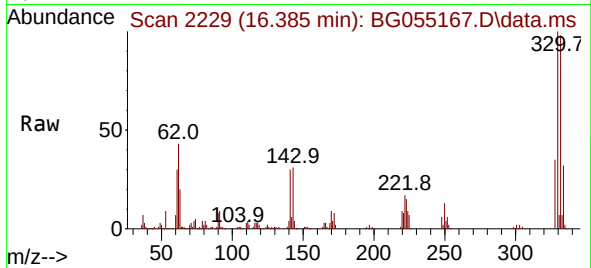




#42
 2,4,6-Tribromophenol
 Concen: 93.846 ng
 RT: 16.385 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG055167.D
 Acq: 13 Oct 2022 17:15

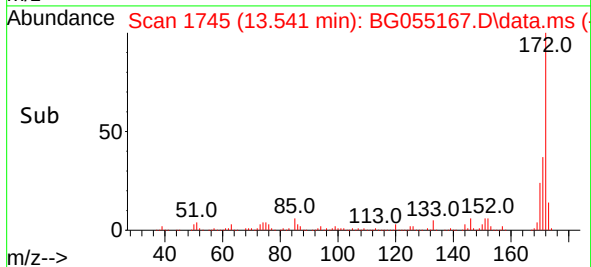
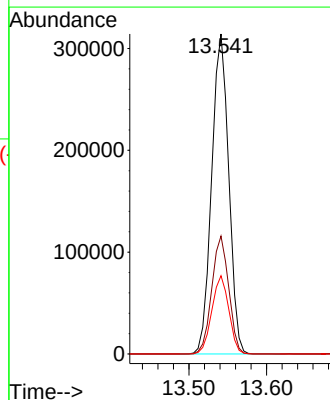
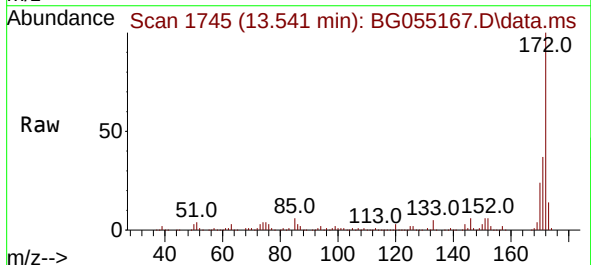
Instrument :
 BNA_G
 ClientSampleId :
 WC-2

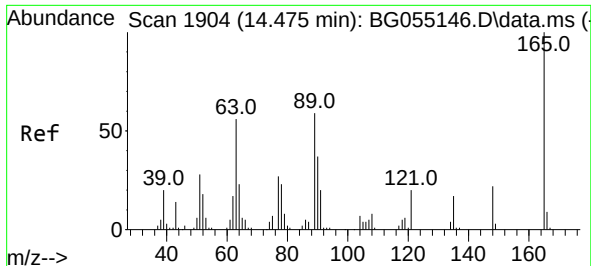
Tgt Ion:330 Resp: 159530
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.4
 141 30.0 24.6 36.8



#45
 2-Fluorobiphenyl
 Concen: 66.221 ng
 RT: 13.541 min Scan# 1745
 Delta R.T. 0.001 min
 Lab File: BG055167.D
 Acq: 13 Oct 2022 17:15

Tgt Ion:172 Resp: 479589
 Ion Ratio Lower Upper
 172 100
 171 36.8 30.1 45.1
 170 24.5 19.8 29.6

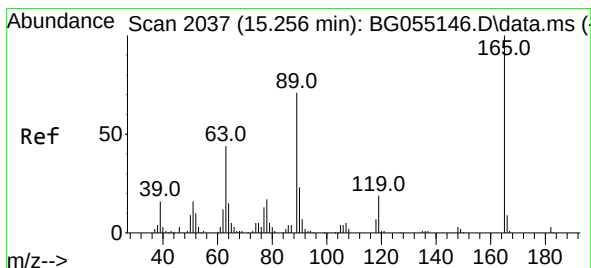
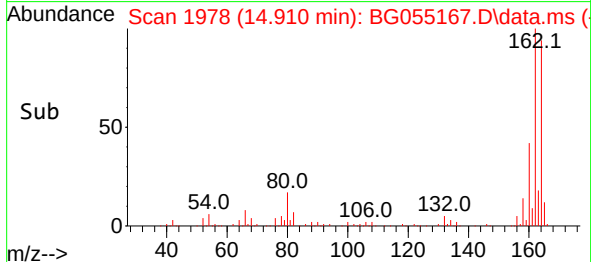
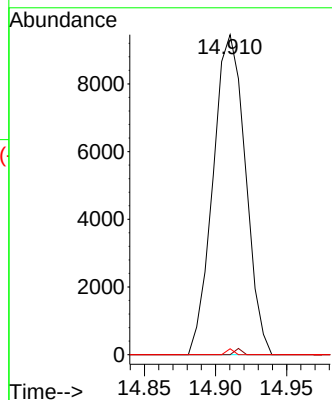
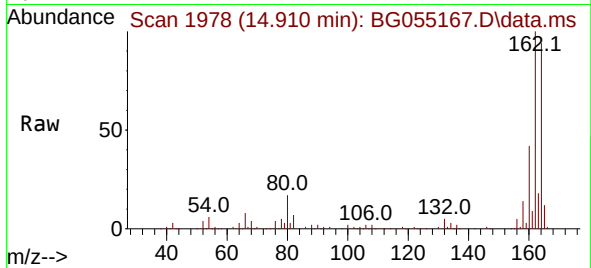




#51
2,6-Dinitrotoluene
Concen: 7.650 ng
RT: 14.910 min Scan# 1904
Delta R.T. 0.436 min
Lab File: BG055167.D
Acq: 13 Oct 2022 17:15

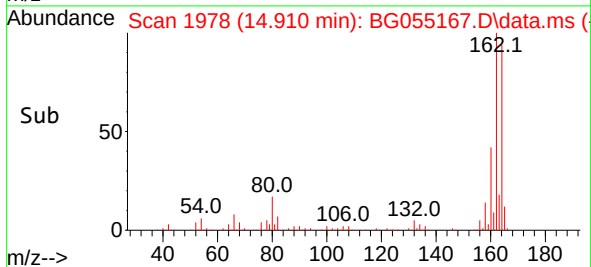
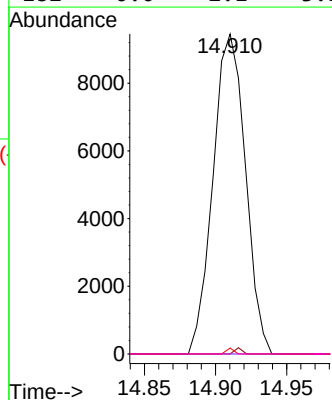
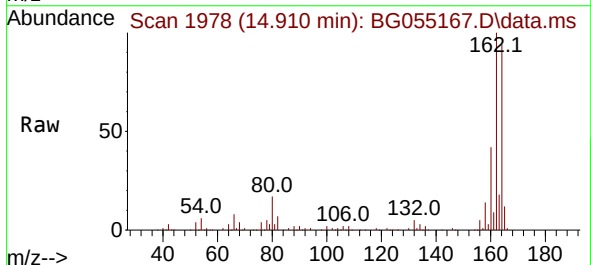
Instrument :
BNA_G
ClientSampleId :
WC-2

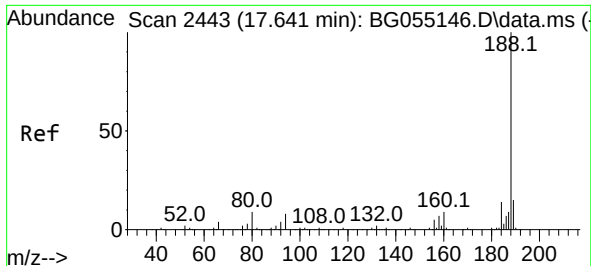
Tgt Ion:165 Resp: 14970
Ion Ratio Lower Upper
165 100
63 0.0 46.6 70.0#
89 1.8 47.6 71.4#



#57
2,4-Dinitrotoluene
Concen: 5.223 ng
RT: 14.910 min Scan# 1978
Delta R.T. -0.346 min
Lab File: BG055167.D
Acq: 13 Oct 2022 17:15

Tgt Ion:165 Resp: 14970
Ion Ratio Lower Upper
165 100
63 0.0 35.6 53.4#
89 1.8 56.4 84.6#
182 0.0 2.1 3.1#

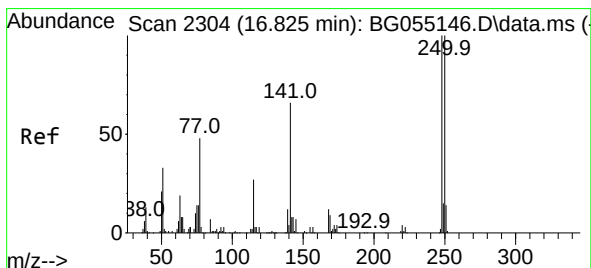
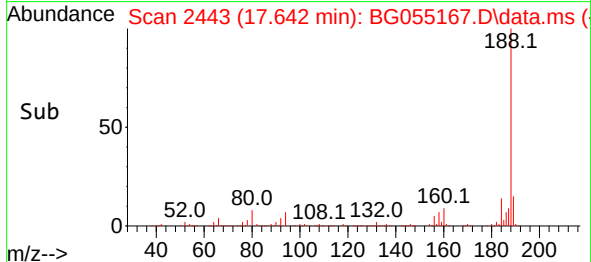
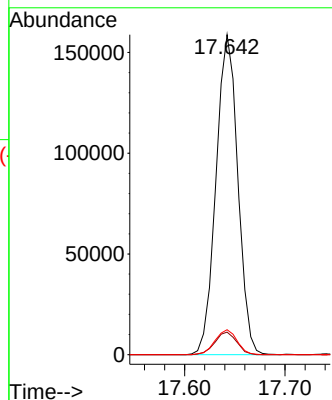
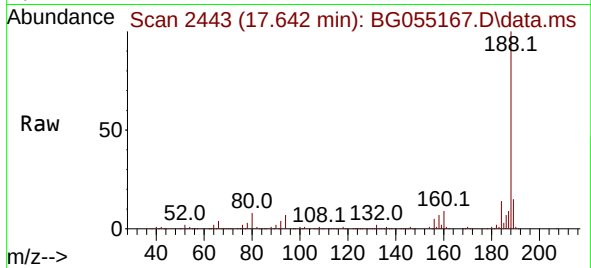




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.642 min Scan# 2443
Delta R.T. 0.001 min
Lab File: BG055167.D
Acq: 13 Oct 2022 17:15

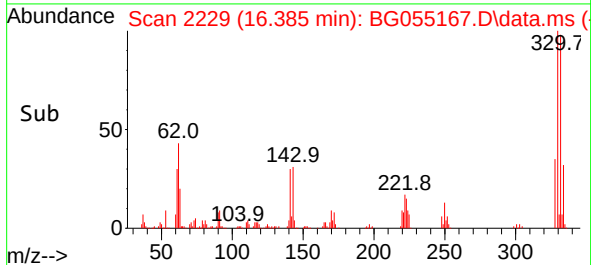
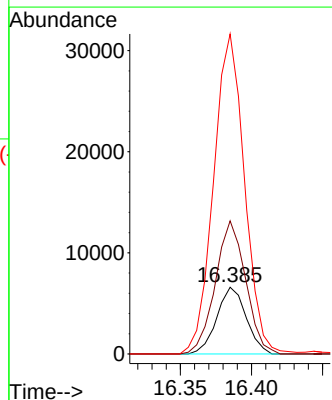
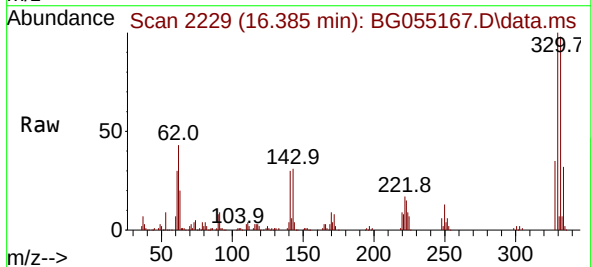
Instrument :
BNA_G
ClientSampleId :
WC-2

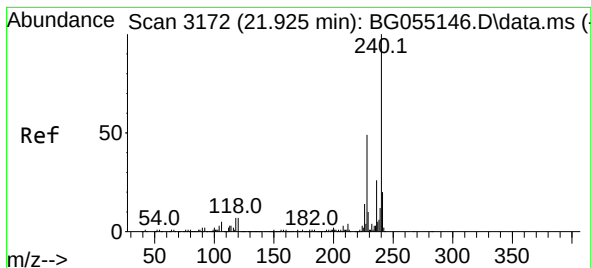
Tgt Ion:188 Resp: 239402
Ion Ratio Lower Upper
188 100
94 7.1 6.2 9.2
80 7.8 7.0 10.6



#67
4-Bromophenyl-phenylether
Concen: 3.634 ng
RT: 16.385 min Scan# 2229
Delta R.T. -0.440 min
Lab File: BG055167.D
Acq: 13 Oct 2022 17:15

Tgt Ion:248 Resp: 9483
Ion Ratio Lower Upper
248 100
250 199.5 80.1 120.1#
141 479.4 53.1 79.7#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.925 min Scan# 31

Delta R.T. 0.001 min

Lab File: BG055167.D

Acq: 13 Oct 2022 17:15

Instrument :

BNA_G

ClientSampleId :

WC-2

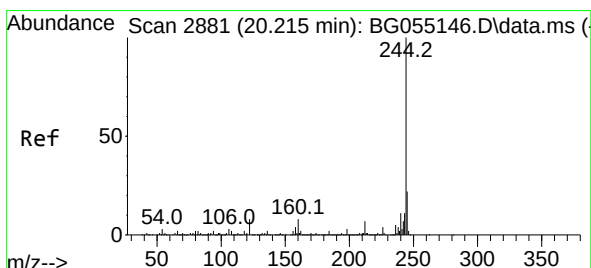
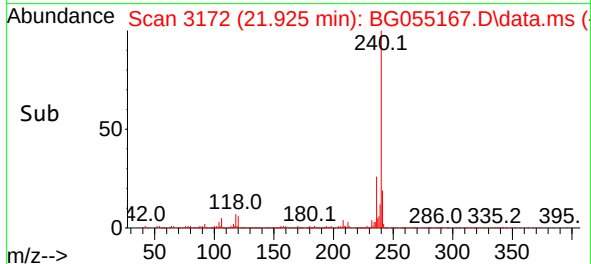
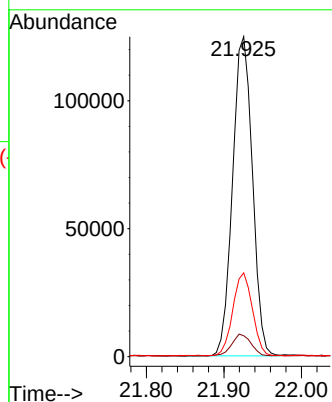
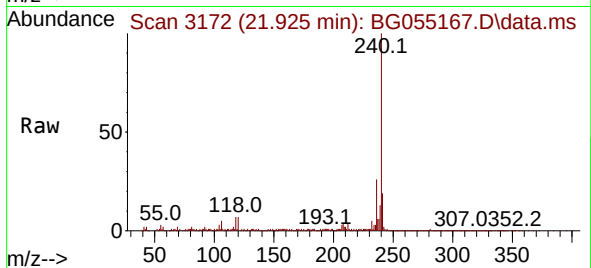
Tgt Ion:240 Resp: 221375

Ion Ratio Lower Upper

240 100

120 6.6 5.4 8.0

236 26.2 20.6 31.0



#79

Terphenyl-d14

Concen: 57.466 ng

RT: 20.216 min Scan# 2881

Delta R.T. 0.001 min

Lab File: BG055167.D

Acq: 13 Oct 2022 17:15

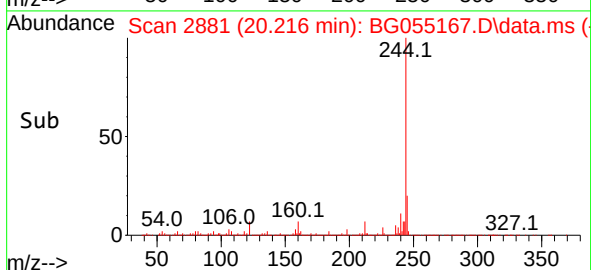
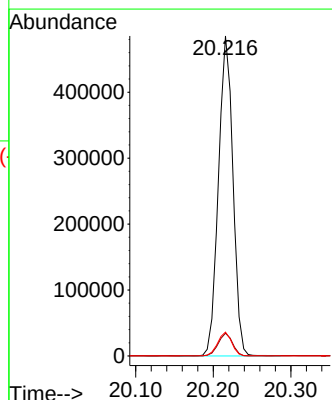
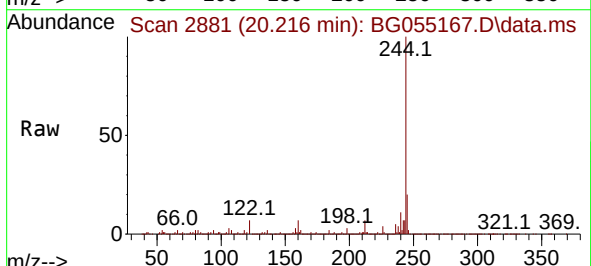
Tgt Ion:244 Resp: 631649

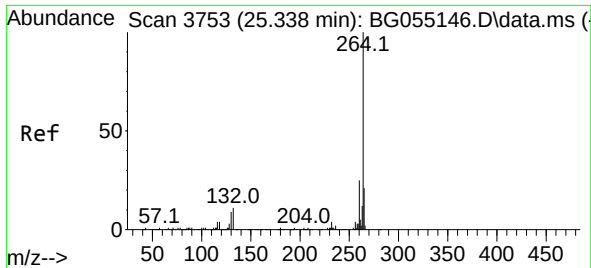
Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

122 7.4 6.6 10.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.345 min Scan# 31
 Delta R.T. 0.007 min
 Lab File: BG055167.D
 Acq: 13 Oct 2022 17:15

Instrument :
 BNA_G
 ClientSampleId :
 WC-2

Tgt Ion:264 Resp: 237728
 Ion Ratio Lower Upper
 264 100
 260 24.6 20.1 30.1
 265 22.5 16.8 25.2

