

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101322\
 Data File : BG055166.D
 Acq On : 13 Oct 2022 16:32
 Operator : CG/JU
 Sample : N5105-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-4

Quant Time: Oct 14 01:26:26 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)

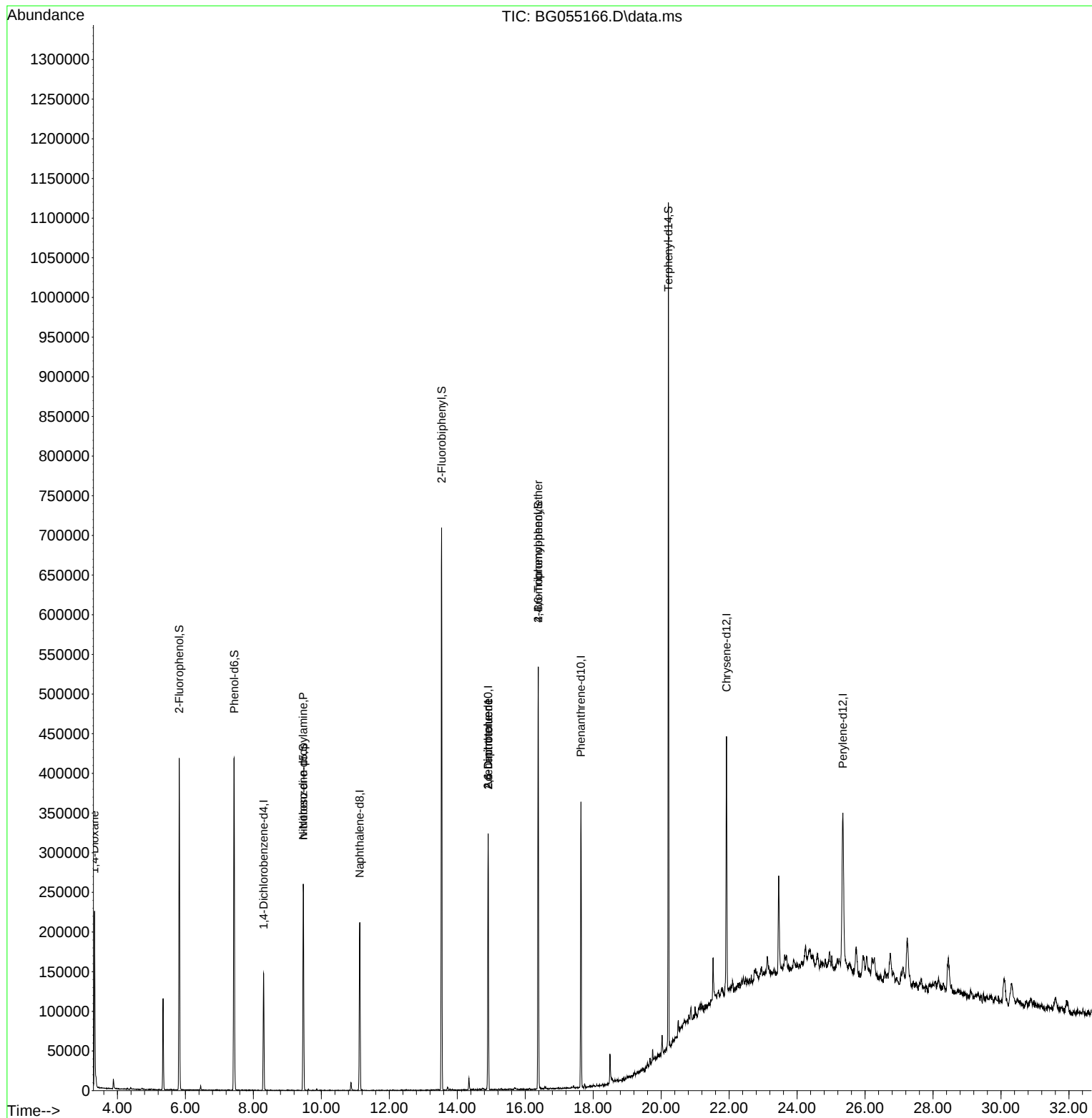
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.306	152	42471	20.000	ng	0.00
21) Naphthalene-d8	11.132	136	180119	20.000	ng	0.00
39) Acenaphthene-d10	14.910	164	114992	20.000	ng	0.00
64) Phenanthrene-d10	17.642	188	234287	20.000	ng	0.00
76) Chrysene-d12	21.925	240	219521	20.000	ng	0.00
86) Perylene-d12	25.350	264	235254	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.820	112	180138	82.983	ng	0.00
7) Phenol-d6	7.436	99	243107	75.706	ng	0.00
23) Nitrobenzene-d5	9.469	82	155743	46.367	ng	0.00
42) 2,4,6-Tribromophenol	16.384	330	113023	68.403	ng	0.00
45) 2-Fluorobiphenyl	13.541	172	366972	52.131	ng	0.00
79) Terphenyl-d14	20.215	244	525163	48.182	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.323	88	2005	2.183	ng	# 1
19) n-Nitroso-di-n-propyla...	9.469	70	21618	8.342	ng	# 79
51) 2,6-Dinitrotoluene	14.910	165	14987	7.879	ng	# 21
57) 2,4-Dinitrotoluene	14.910	165	14987	5.379	ng	# 23
67) 4-Bromophenyl-phenylether	16.384	248	6820	2.670	ng	# 1

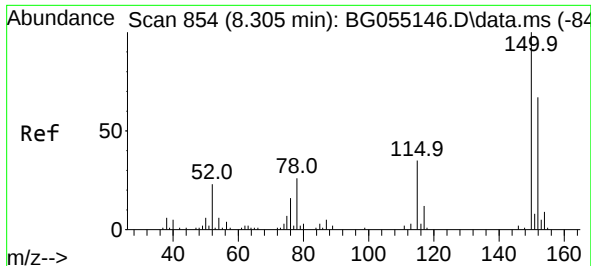
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101322\
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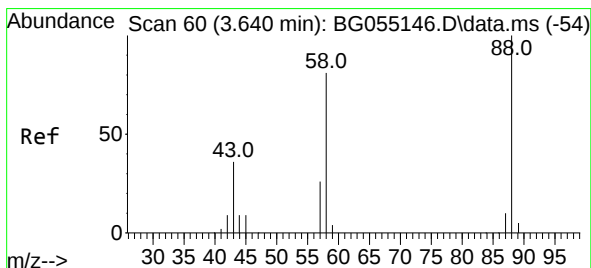
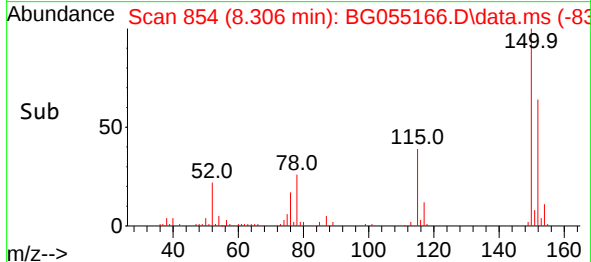
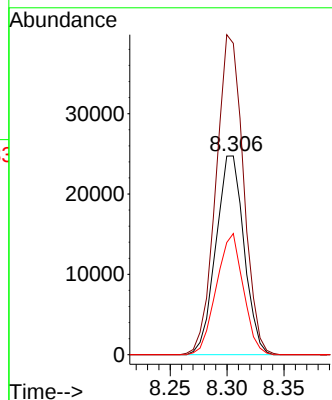
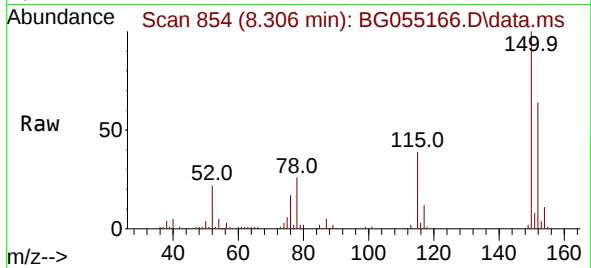




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.306 min Scan# 8
 Delta R.T. 0.001 min
 Lab File: BG055166.D
 Acq: 13 Oct 2022 16:32

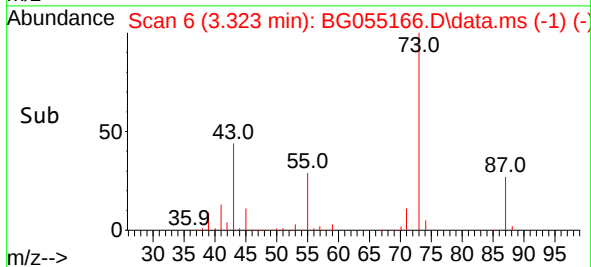
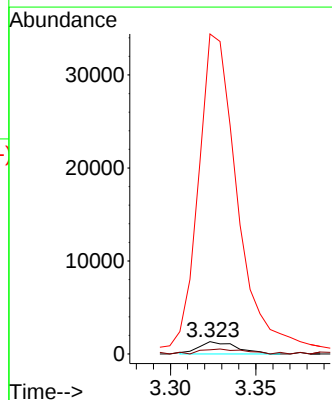
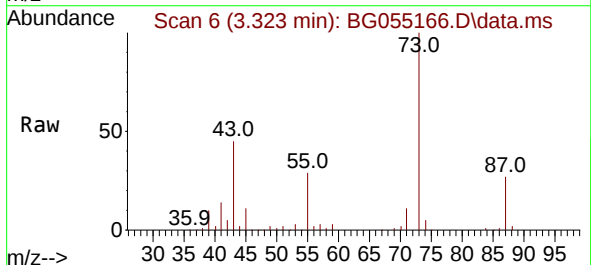
Instrument :
 BNA_G
 ClientSampleId :
 WC-4

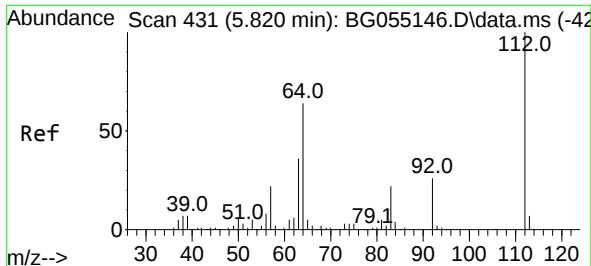
Tgt Ion:152 Resp: 42471
 Ion Ratio Lower Upper
 152 100
 150 156.7 119.7 179.5
 115 61.0 42.4 63.6



#2
 1,4-Dioxane
 Concen: 2.183 ng
 RT: 3.323 min Scan# 6
 Delta R.T. -0.317 min
 Lab File: BG055166.D
 Acq: 13 Oct 2022 16:32

Tgt Ion: 88 Resp: 2005
 Ion Ratio Lower Upper
 88 100
 58 45.9 61.0 91.4#
 43 2622.5 26.5 39.7#

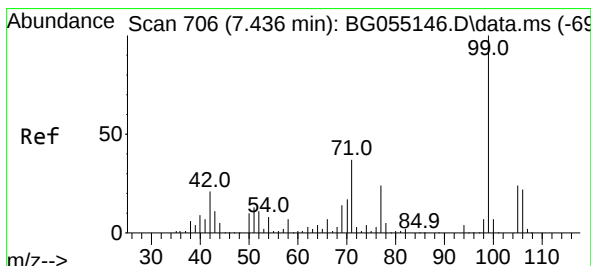
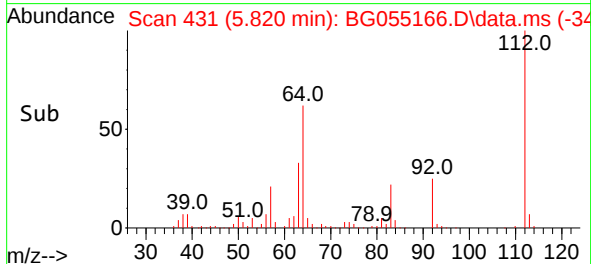
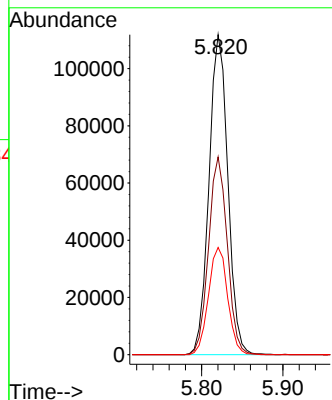
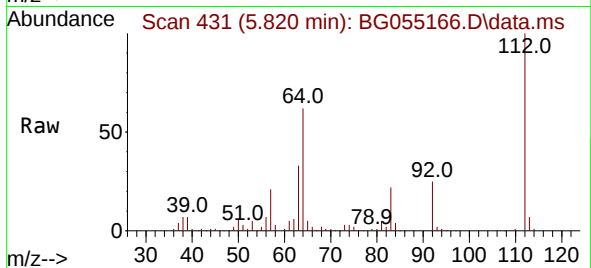




#5
2-Fluorophenol
Concen: 82.983 ng
RT: 5.820 min Scan# 431
Delta R.T. 0.000 min
Lab File: BG055166.D
Acq: 13 Oct 2022 16:32

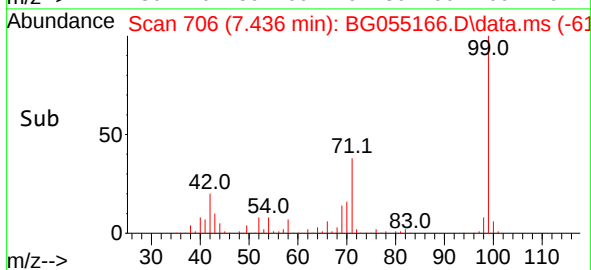
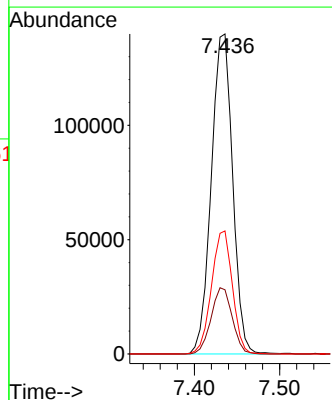
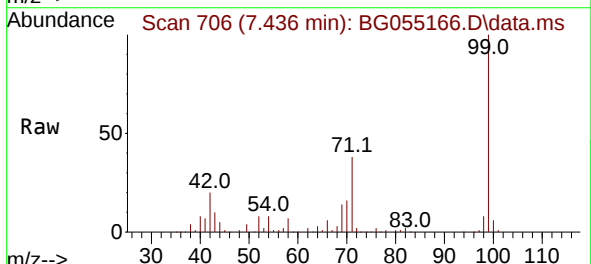
Instrument :
BNA_G
ClientSampleId :
WC-4

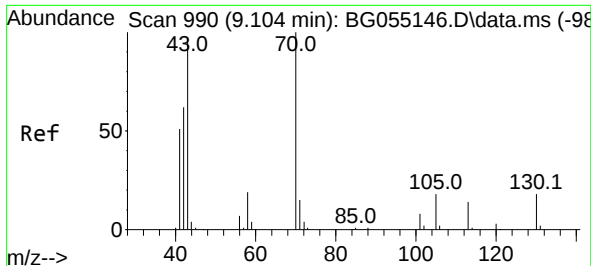
Tgt Ion:112 Resp: 180138
Ion Ratio Lower Upper
112 100
64 61.8 50.9 76.3
63 33.5 29.0 43.6



#7
Phenol-d6
Concen: 75.706 ng
RT: 7.436 min Scan# 706
Delta R.T. 0.000 min
Lab File: BG055166.D
Acq: 13 Oct 2022 16:32

Tgt Ion: 99 Resp: 243107
Ion Ratio Lower Upper
99 100
42 20.0 16.6 25.0
71 38.4 29.6 44.4

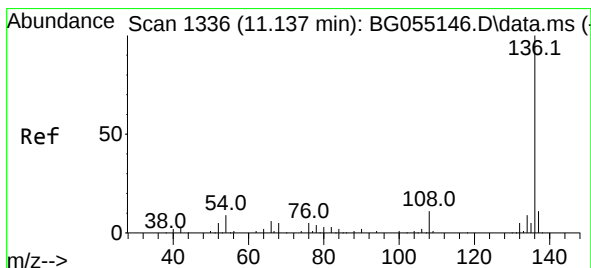
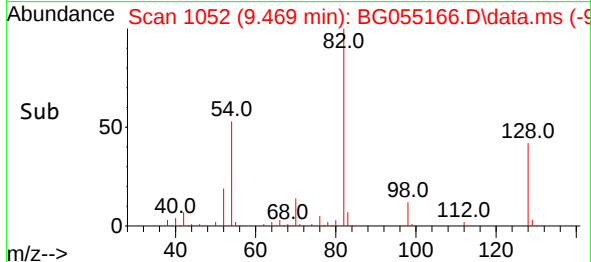
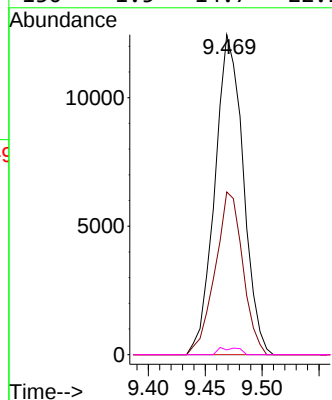
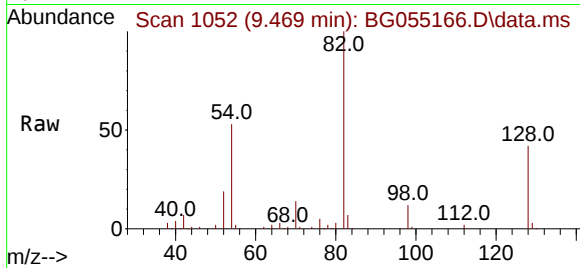




#19
n-Nitroso-di-n-propylamine
Concen: 8.342 ng
RT: 9.469 min Scan# 1052
Delta R.T. 0.364 min
Lab File: BG055166.D
Acq: 13 Oct 2022 16:32

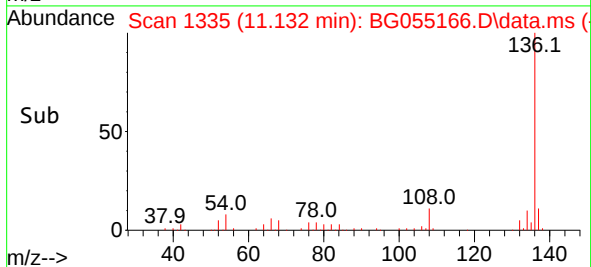
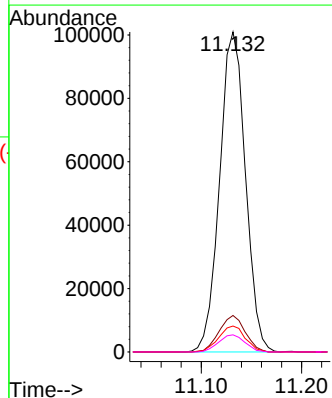
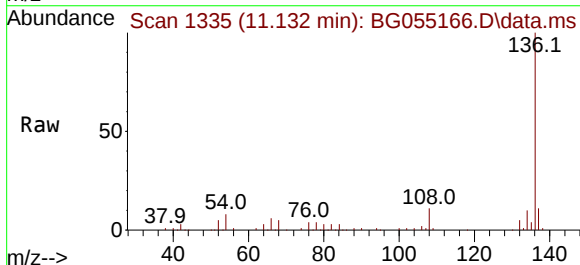
Instrument :
BNA_G
ClientSampleId :
WC-4

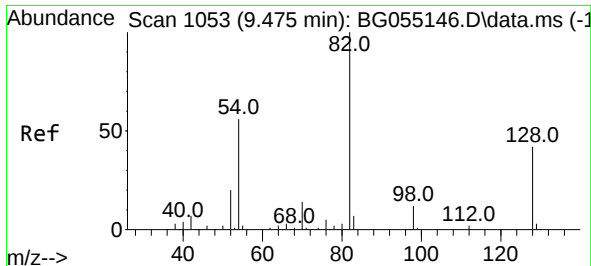
Tgt Ion: 70 Resp: 21618
Ion Ratio Lower Upper
70 100
42 50.9 50.1 75.1
101 0.0 6.6 10.0#
130 1.5 14.7 22.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.132 min Scan# 1335
Delta R.T. -0.005 min
Lab File: BG055166.D
Acq: 13 Oct 2022 16:32

Tgt Ion: 136 Resp: 180119
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 8.1 7.0 10.6
68 5.4 4.3 6.5

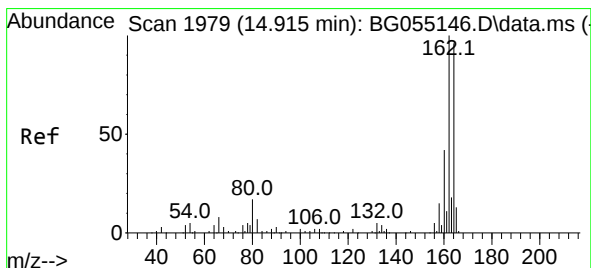
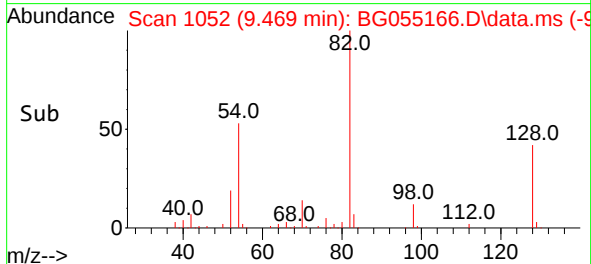
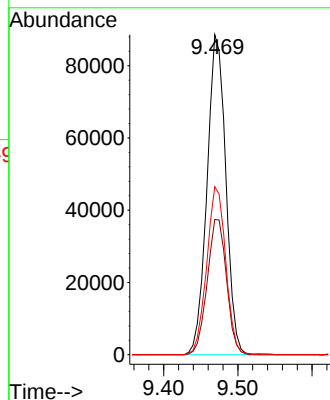
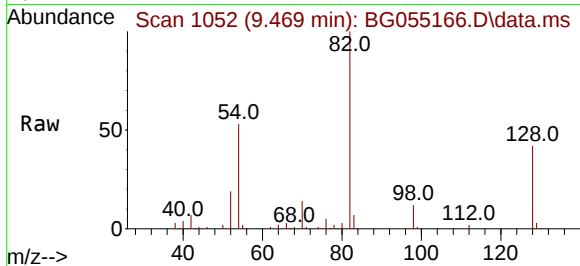




#23
 Nitrobenzene-d5
 Concen: 46.367 ng
 RT: 9.469 min Scan# 1052
 Delta R.T. -0.006 min
 Lab File: BG055166.D
 Acq: 13 Oct 2022 16:32

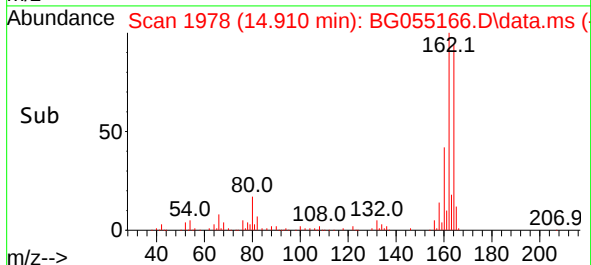
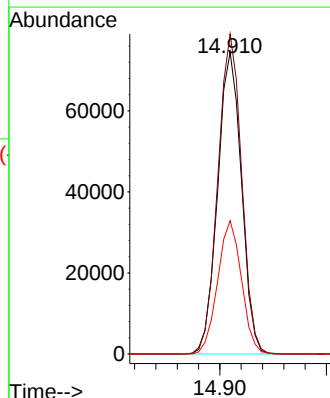
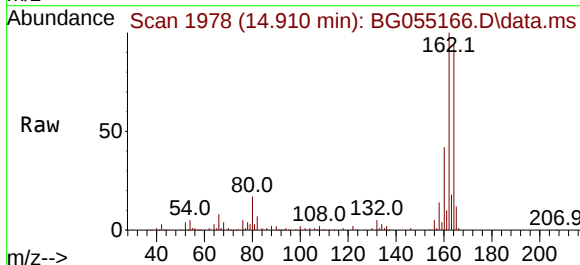
Instrument :
 BNA_G
 ClientSampleId :
 WC-4

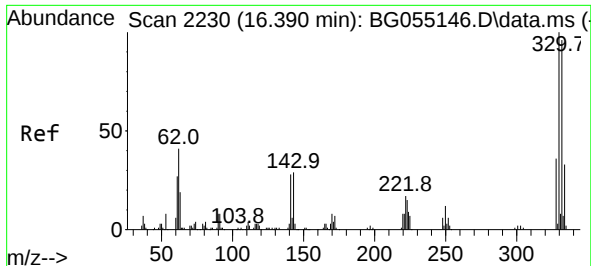
Tgt Ion: 82 Resp: 155743
 Ion Ratio Lower Upper
 82 100
 128 42.2 33.5 50.3
 54 52.5 44.7 67.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.910 min Scan# 1978
 Delta R.T. -0.006 min
 Lab File: BG055166.D
 Acq: 13 Oct 2022 16:32

Tgt Ion:164 Resp: 114992
 Ion Ratio Lower Upper
 164 100
 162 106.1 83.3 124.9
 160 44.2 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 68.403 ng

RT: 16.384 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG055166.D

Acq: 13 Oct 2022 16:32

Instrument :

BNA_G

ClientSampleId :

WC-4

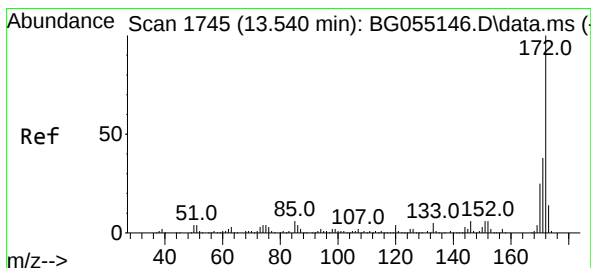
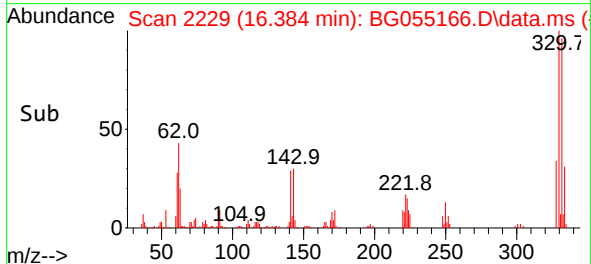
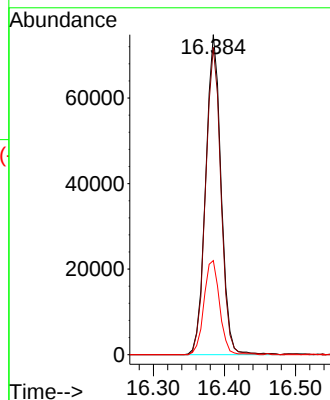
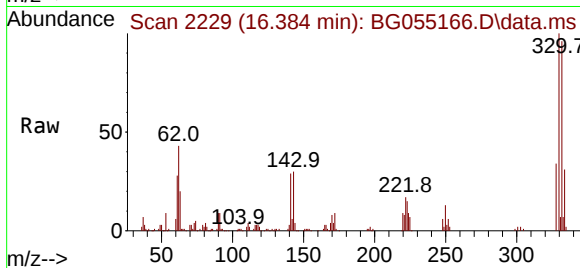
Tgt Ion:330 Resp: 113023

Ion Ratio Lower Upper

330 100

332 95.4 77.0 115.4

141 29.9 24.6 36.8



#45

2-Fluorobiphenyl

Concen: 52.131 ng

RT: 13.541 min Scan# 1745

Delta R.T. 0.000 min

Lab File: BG055166.D

Acq: 13 Oct 2022 16:32

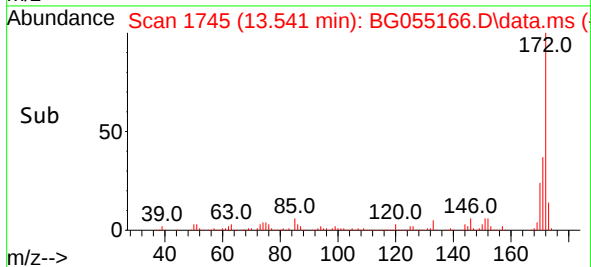
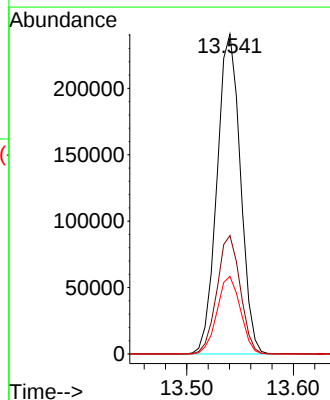
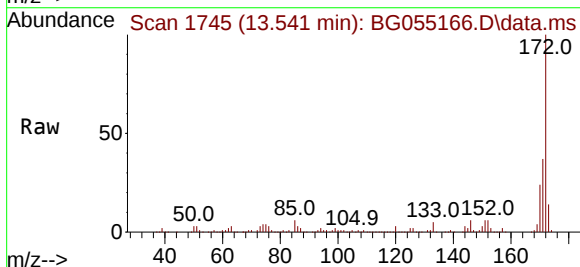
Tgt Ion:172 Resp: 366972

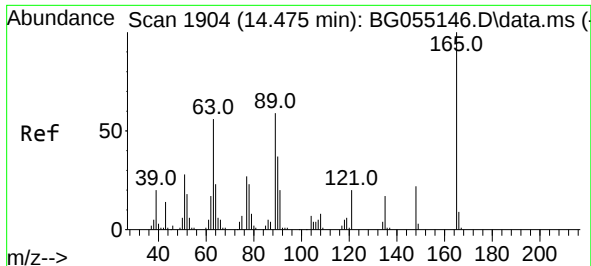
Ion Ratio Lower Upper

172 100

171 37.0 30.1 45.1

170 24.3 19.8 29.6





#51

2,6-Dinitrotoluene

Concen: 7.879 ng

RT: 14.910 min Scan# 1904

Delta R.T. 0.435 min

Lab File: BG055166.D

Acq: 13 Oct 2022 16:32

Instrument :

BNA_G

ClientSampleId :

WC-4

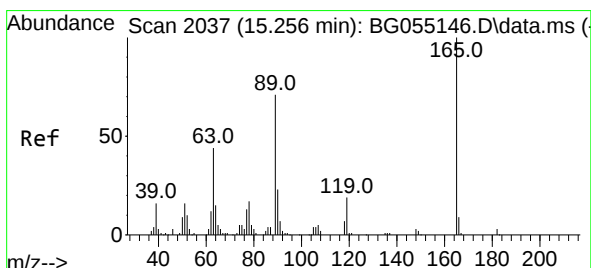
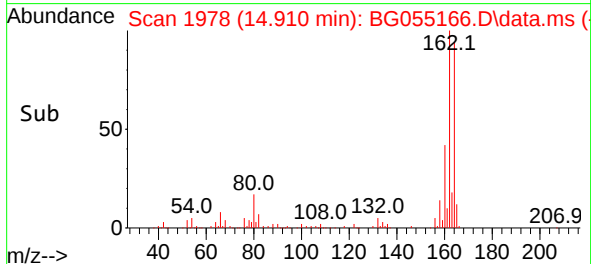
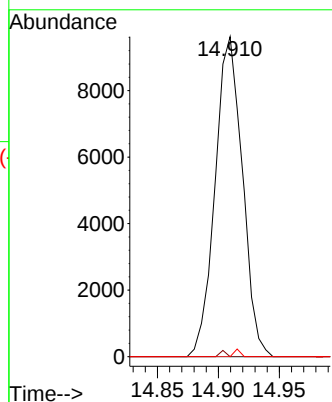
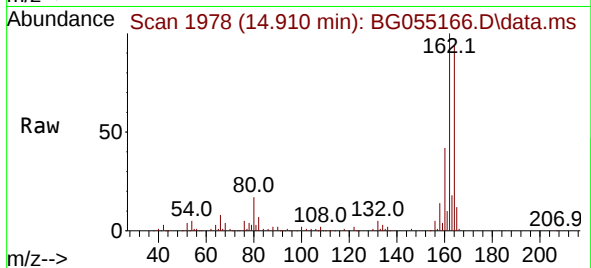
Tgt Ion:165 Resp: 14987

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: 5.379 ng

RT: 14.910 min Scan# 1978

Delta R.T. -0.346 min

Lab File: BG055166.D

Acq: 13 Oct 2022 16:32

Tgt Ion:165 Resp: 14987

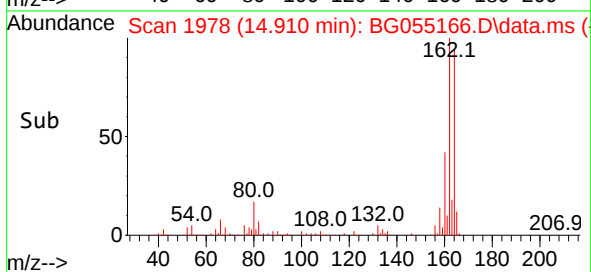
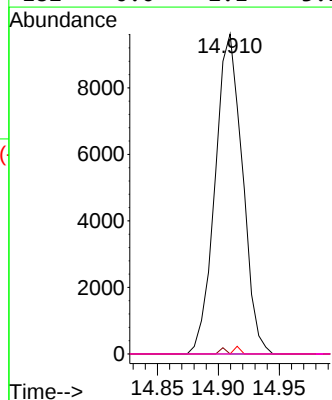
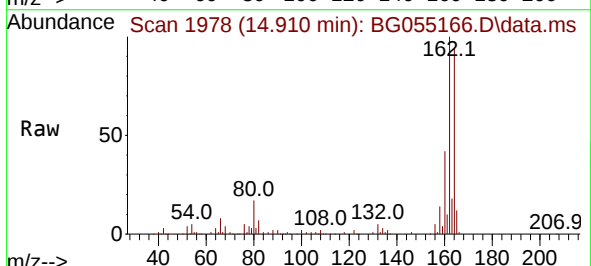
Ion Ratio Lower Upper

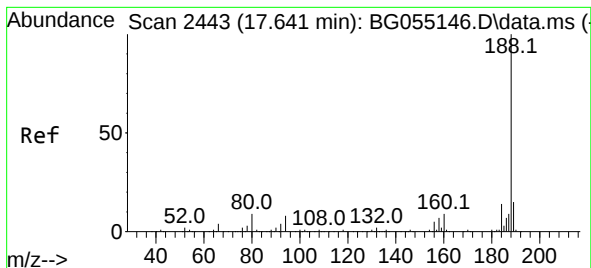
165 100

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: 17.642 min Scan# 24

Delta R.T. 0.000 min

Lab File: BG055166.D

Acq: 13 Oct 2022 16:32

Instrument :

BNA_G

ClientSampleId :

WC-4

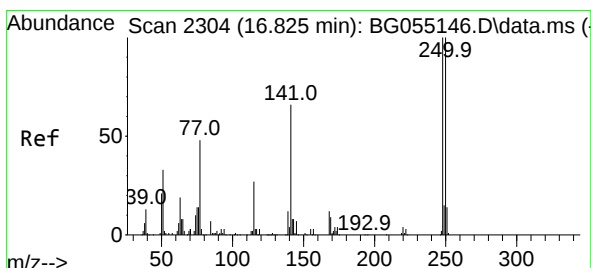
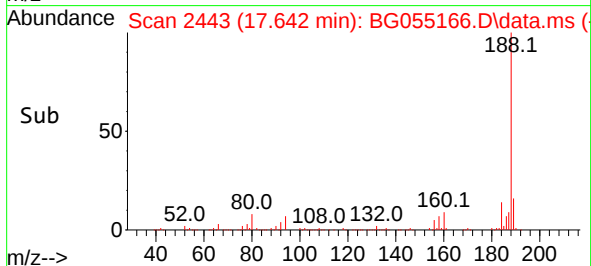
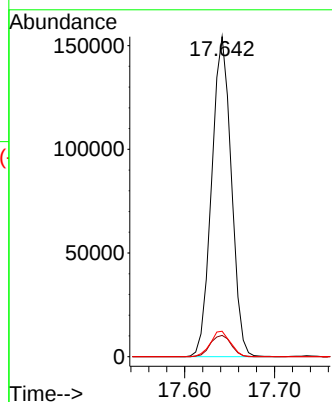
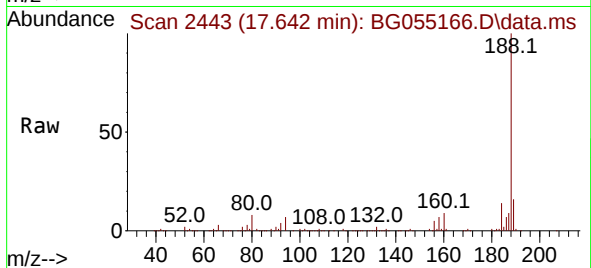
Tgt Ion:188 Resp: 234287

Ion Ratio Lower Upper

188 100

94 6.6 6.2 9.2

80 8.0 7.0 10.6



#67

4-Bromophenyl-phenylether

Concen: 2.670 ng

RT: 16.384 min Scan# 2229

Delta R.T. -0.440 min

Lab File: BG055166.D

Acq: 13 Oct 2022 16:32

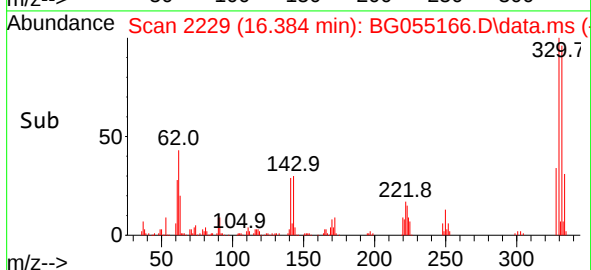
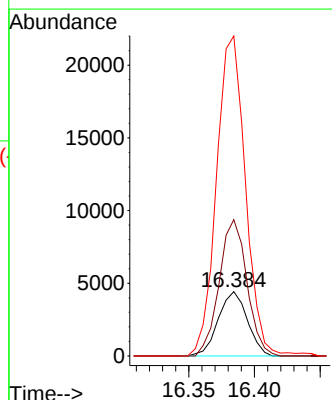
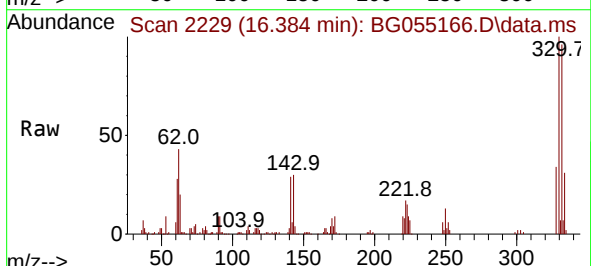
Tgt Ion:248 Resp: 6820

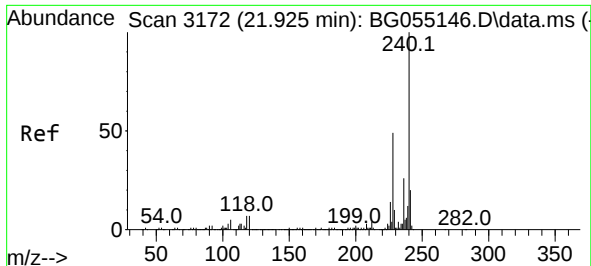
Ion Ratio Lower Upper

248 100

250 211.9 80.1 120.1#

141 497.5 53.1 79.7#

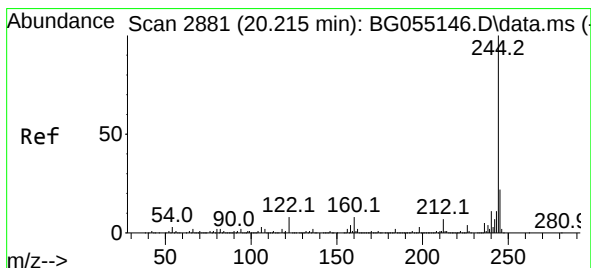
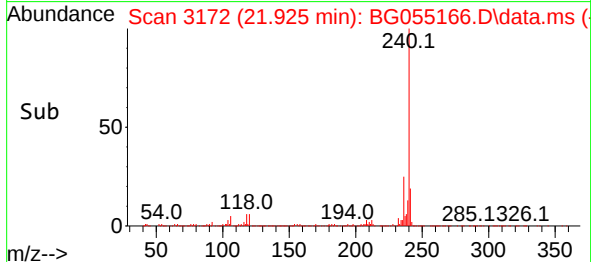
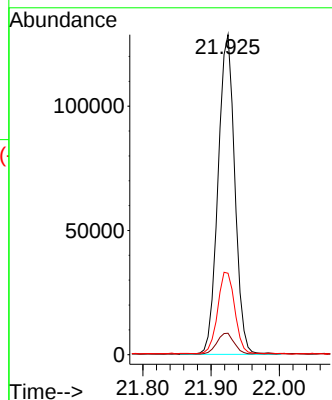
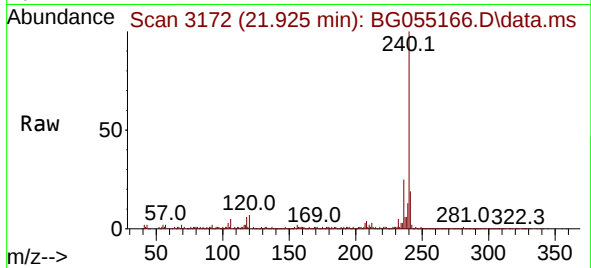




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.925 min Scan# 3172
Delta R.T. 0.000 min
Lab File: BG055166.D
Acq: 13 Oct 2022 16:32

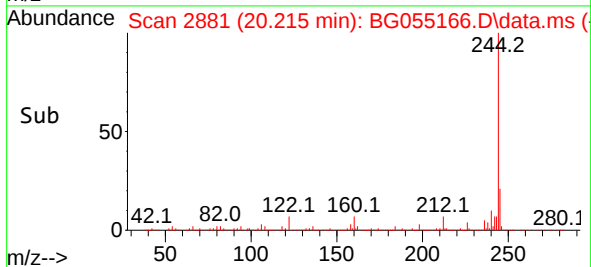
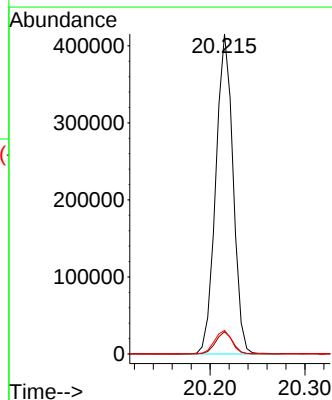
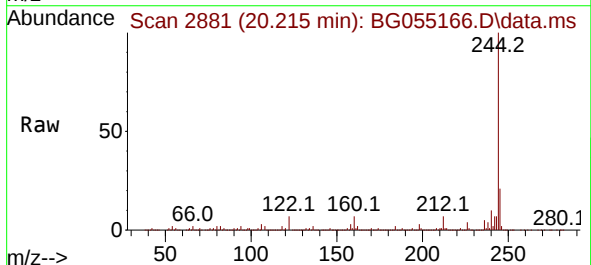
Instrument :
BNA_G
ClientSampleId :
WC-4

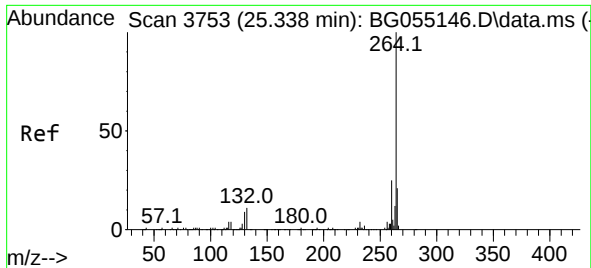
Tgt Ion:240 Resp: 219521
Ion Ratio Lower Upper
240 100
120 6.7 5.4 8.0
236 25.5 20.6 31.0



#79
Terphenyl-d14
Concen: 48.182 ng
RT: 20.215 min Scan# 2881
Delta R.T. 0.000 min
Lab File: BG055166.D
Acq: 13 Oct 2022 16:32

Tgt Ion:244 Resp: 525163
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 7.3 6.6 10.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.350 min Scan# 31
 Delta R.T. 0.012 min
 Lab File: BG055166.D
 Acq: 13 Oct 2022 16:32

Instrument :
 BNA_G
 ClientSampleId :
 WC-4

Tgt Ion:264 Resp: 235254
 Ion Ratio Lower Upper
 264 100
 260 23.7 20.1 30.1
 265 21.8 16.8 25.2

