

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101422\
 Data File : BG055184.D
 Acq On : 14 Oct 2022 19:04
 Operator : CG/JU
 Sample : N5142-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-10

Quant Time: Oct 17 04:30:28 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)

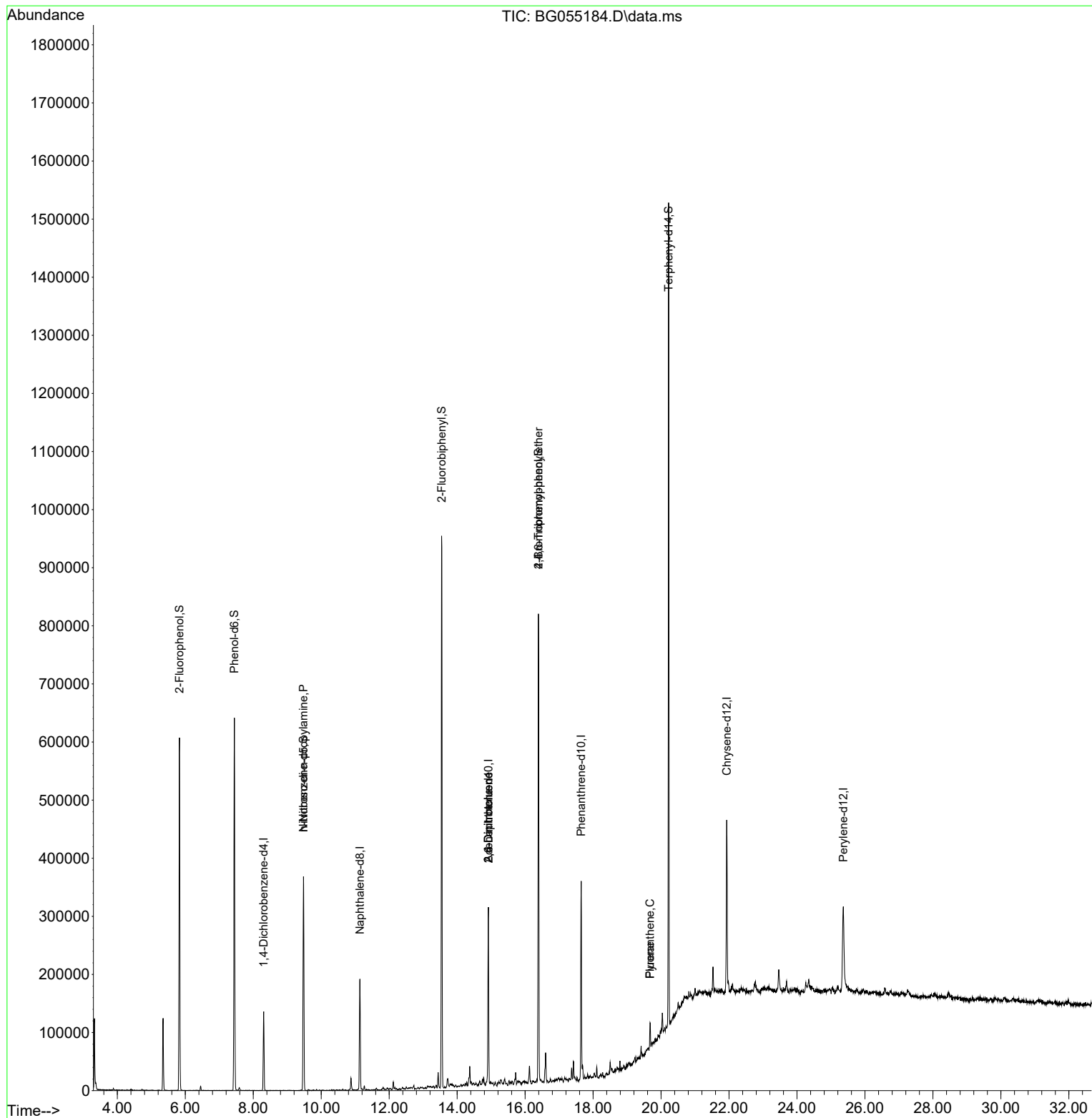
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.306	152	40049	20.000	ng	0.00
21) Naphthalene-d8	11.138	136	168130	20.000	ng	0.00
39) Acenaphthene-d10	14.916	164	107400	20.000	ng	0.00
64) Phenanthrene-d10	17.648	188	217197	20.000	ng	0.00
76) Chrysene-d12	21.931	240	198031	20.000	ng	0.00
86) Perylene-d12	25.362	264	189140	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.826	112	264610	129.267	ng	0.00
7) Phenol-d6	7.442	99	353248	116.658	ng	0.00
23) Nitrobenzene-d5	9.475	82	226559	72.260	ng	0.00
42) 2,4,6-Tribromophenol	16.390	330	173976	112.736	ng	0.00
45) 2-Fluorobiphenyl	13.547	172	495841	75.417	ng	0.00
79) Terphenyl-d14	20.221	244	681835	69.344	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.475	70	31881	13.046	ng	Qvalue
51) 2,6-Dinitrotoluene	14.916	165	14386	8.098	ng	# 76
57) 2,4-Dinitrotoluene	14.916	165	14386	5.529	ng	# 23
67) 4-Bromophenyl-phenylether	16.390	248	10547	4.455	ng	# 24
75) Fluoranthene	19.675	202	29090	2.066	ng	# 1
78) Pyrene	19.675	202	29090	2.204	ng	# 99

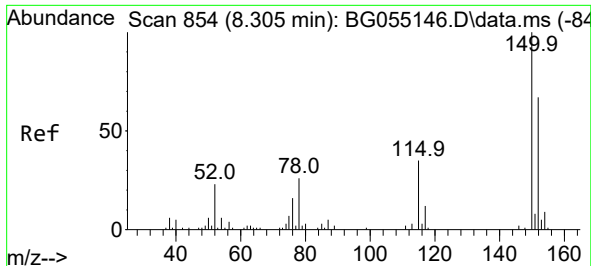
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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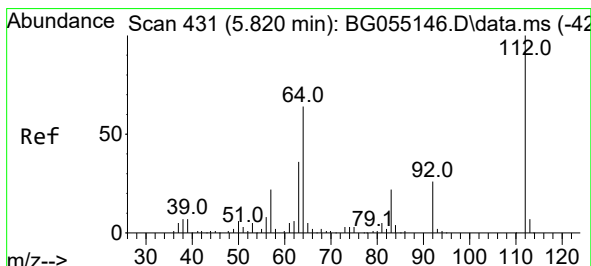
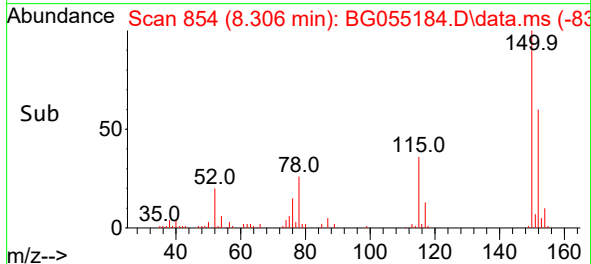
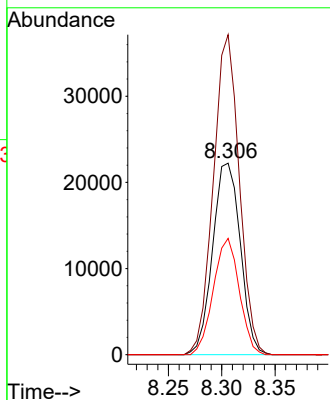
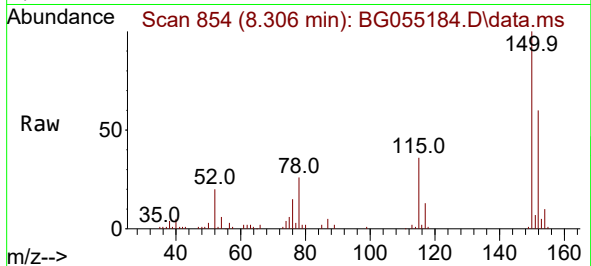




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.306 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG055184.D
Acq: 14 Oct 2022 19:04

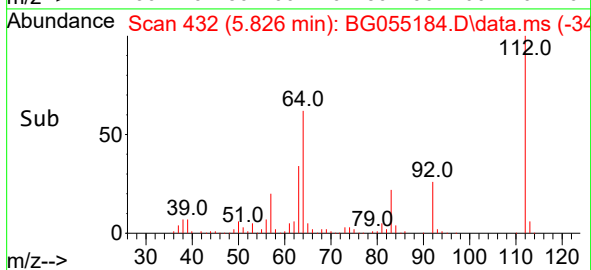
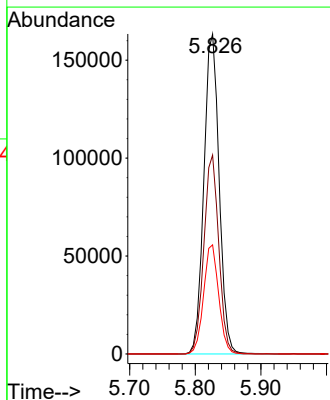
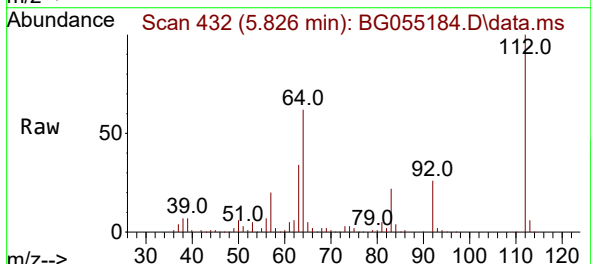
Instrument :
BNA_G
ClientSampleId :
WC-10

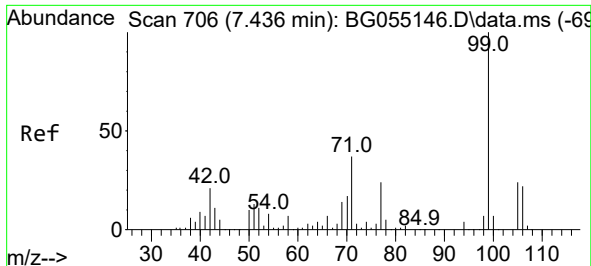
Tgt Ion:152 Resp: 40049
Ion Ratio Lower Upper
152 100
150 167.1 119.7 179.5
115 60.7 42.4 63.6



#5
2-Fluorophenol
Concen: 129.267 ng
RT: 5.826 min Scan# 432
Delta R.T. 0.006 min
Lab File: BG055184.D
Acq: 14 Oct 2022 19:04

Tgt Ion:112 Resp: 264610
Ion Ratio Lower Upper
112 100
64 62.1 50.9 76.3
63 34.1 29.0 43.6

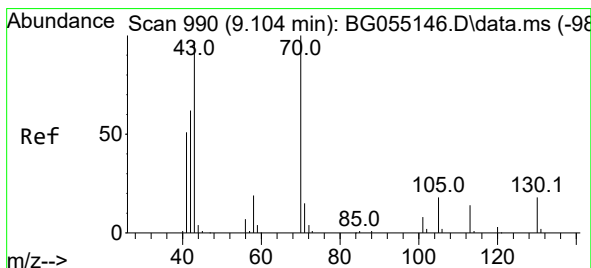
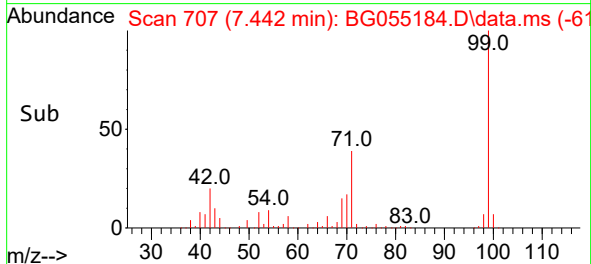
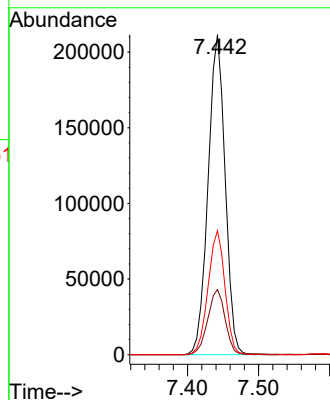
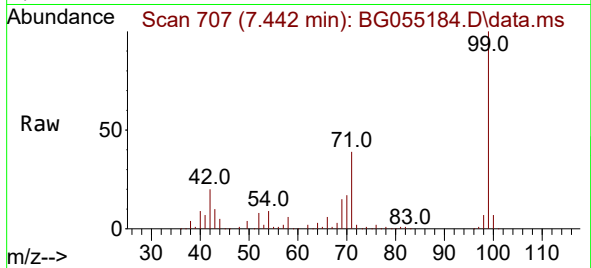




#7
Phenol-d6
Concen: 116.658 ng
RT: 7.442 min Scan# 706
Delta R.T. 0.006 min
Lab File: BG055184.D
Acq: 14 Oct 2022 19:04

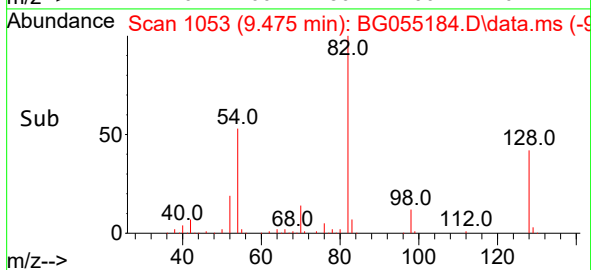
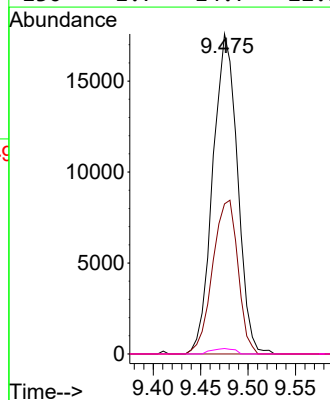
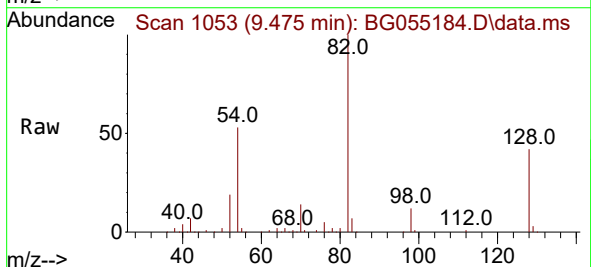
Instrument :
BNA_G
ClientSampleId :
WC-10

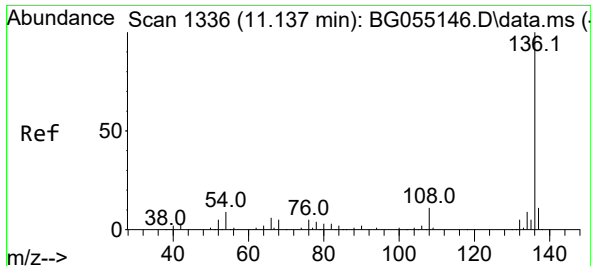
Tgt Ion: 99 Resp: 353248
Ion Ratio Lower Upper
99 100
42 20.3 16.6 25.0
71 38.8 29.6 44.4



#19
n-Nitroso-di-n-propylamine
Concen: 13.046 ng
RT: 9.475 min Scan# 1053
Delta R.T. 0.371 min
Lab File: BG055184.D
Acq: 14 Oct 2022 19:04

Tgt Ion: 70 Resp: 31881
Ion Ratio Lower Upper
70 100
42 46.9 50.1 75.1#
101 0.0 6.6 10.0#
130 1.7 14.7 22.1#

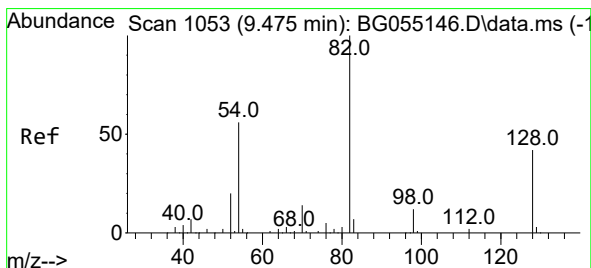
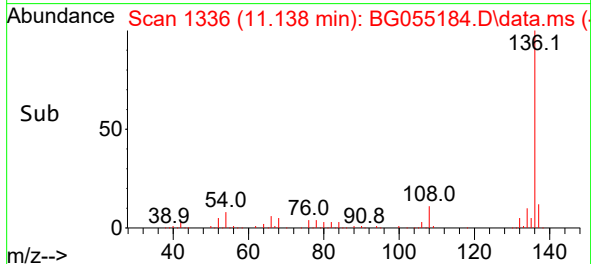
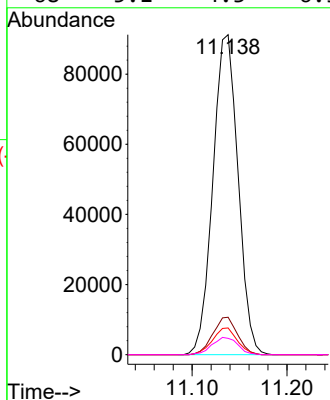
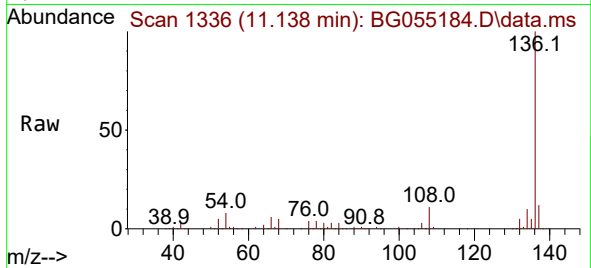




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.138 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG055184.D
Acq: 14 Oct 2022 19:04

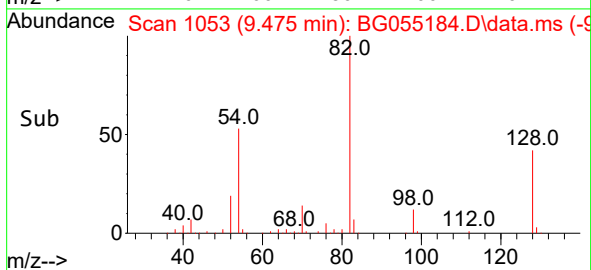
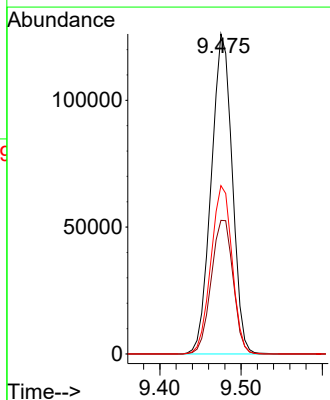
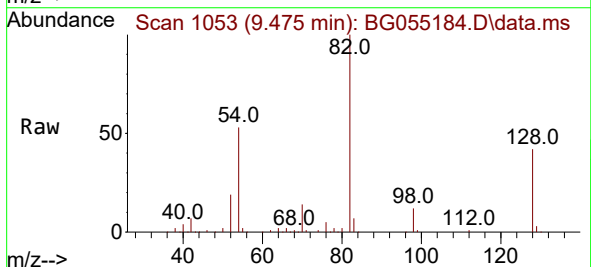
Instrument :
BNA_G
ClientSampleId :
WC-10

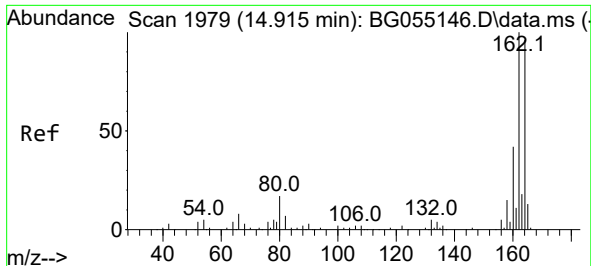
Tgt Ion:136 Resp: 168130
Ion Ratio Lower Upper
136 100
137 11.7 9.1 13.7
54 8.3 7.0 10.6
68 5.1 4.3 6.5



#23
Nitrobenzene-d5
Concen: 72.260 ng
RT: 9.475 min Scan# 1053
Delta R.T. 0.001 min
Lab File: BG055184.D
Acq: 14 Oct 2022 19:04

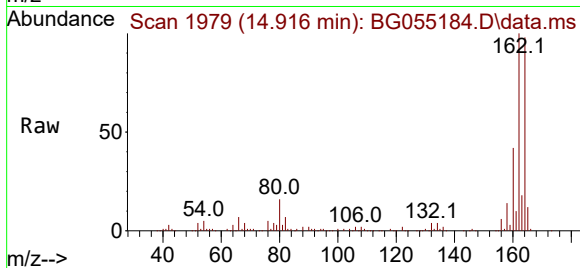
Tgt Ion: 82 Resp: 226559
Ion Ratio Lower Upper
82 100
128 41.7 33.5 50.3
54 52.6 44.7 67.1



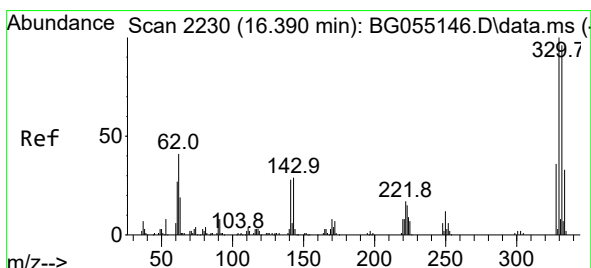
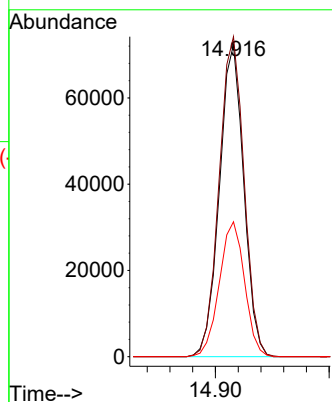
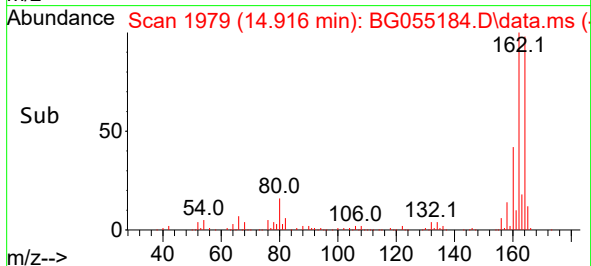


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.916 min Scan# 1979
Delta R.T. 0.001 min
Lab File: BG055184.D
Acq: 14 Oct 2022 19:04

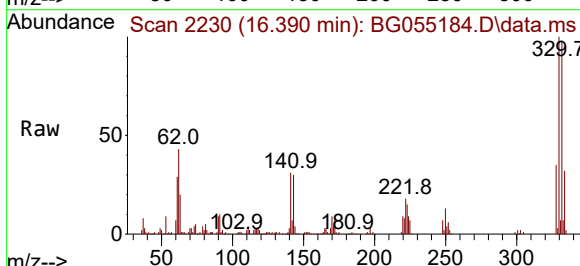
Instrument :
BNA_G
ClientSampleId :
WC-10



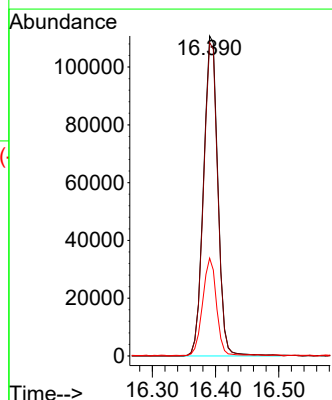
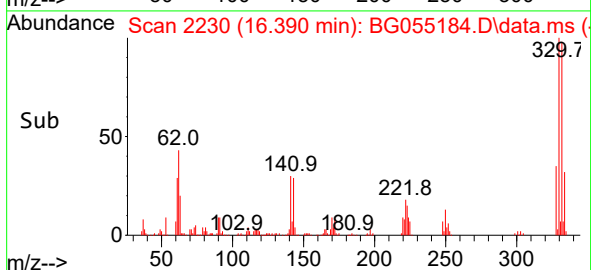
Tgt Ion:164 Resp: 107400
Ion Ratio Lower Upper
164 100
162 102.5 83.3 124.9
160 43.2 35.3 52.9

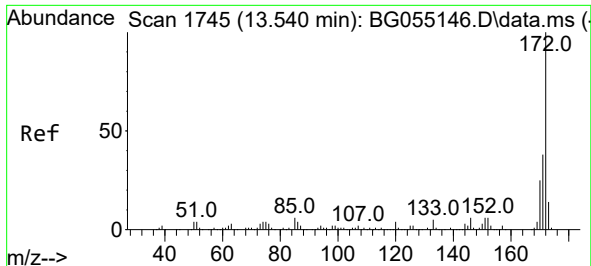


#42
2,4,6-Tribromophenol
Concen: 112.736 ng
RT: 16.390 min Scan# 2230
Delta R.T. 0.001 min
Lab File: BG055184.D
Acq: 14 Oct 2022 19:04



Tgt Ion:330 Resp: 173976
Ion Ratio Lower Upper
330 100
332 97.2 77.0 115.4
141 29.1 24.6 36.8

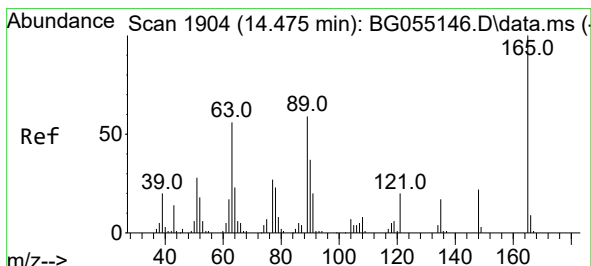
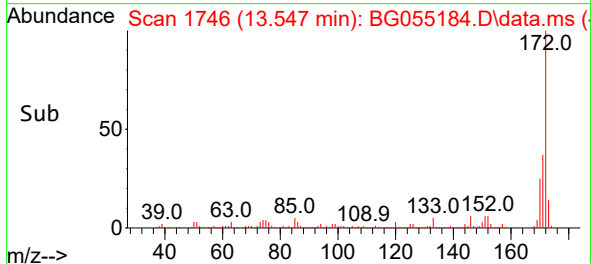
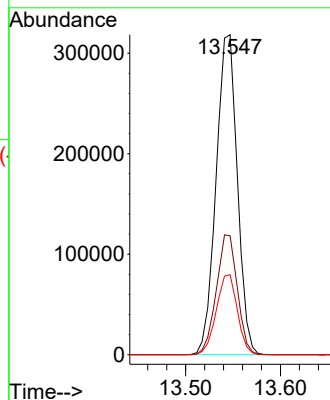
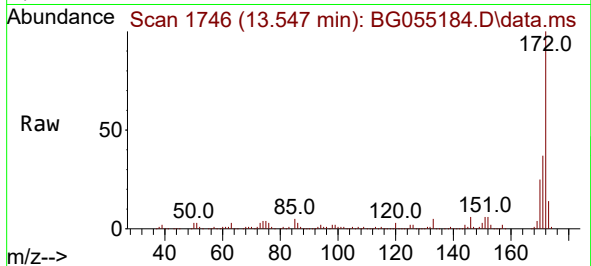




#45
2-Fluorobiphenyl
Concen: 75.417 ng
RT: 13.547 min Scan# 1
Delta R.T. 0.006 min
Lab File: BG055184.D
Acq: 14 Oct 2022 19:04

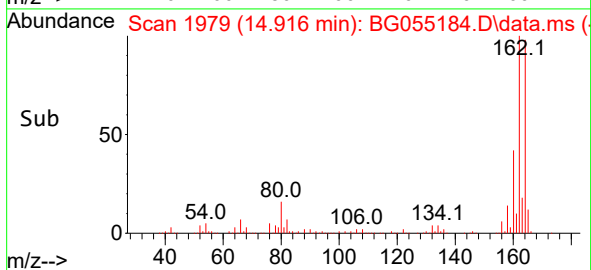
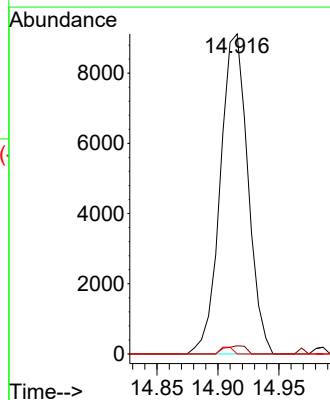
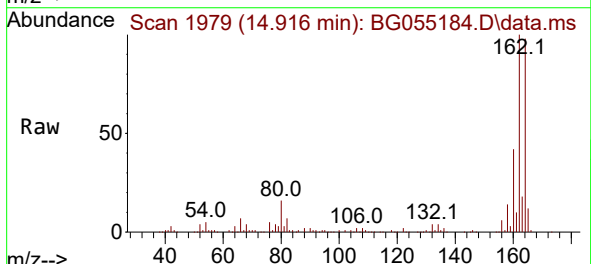
Instrument :
BNA_G
ClientSampleId :
WC-10

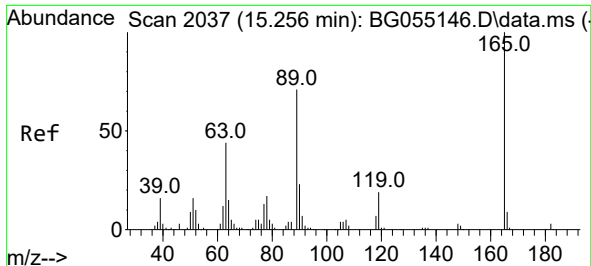
Tgt Ion:172 Resp: 495841
Ion Ratio Lower Upper
172 100
171 37.1 30.1 45.1
170 25.0 19.8 29.6



#51
2,6-Dinitrotoluene
Concen: 8.098 ng
RT: 14.916 min Scan# 1979
Delta R.T. 0.441 min
Lab File: BG055184.D
Acq: 14 Oct 2022 19:04

Tgt Ion:165 Resp: 14386
Ion Ratio Lower Upper
165 100
63 2.5 46.6 70.0#
89 0.0 47.6 71.4#





#57

2,4-Dinitrotoluene

Concen: 5.529 ng

RT: 14.916 min Scan# 14

Delta R.T. -0.340 min

Lab File: BG055184.D

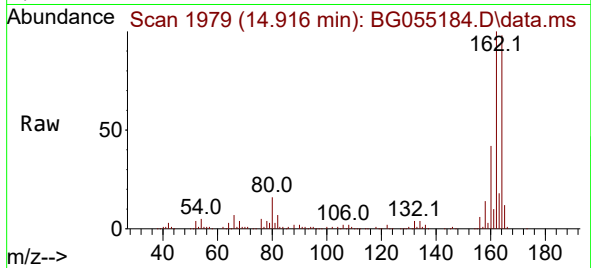
Acq: 14 Oct 2022 19:04

Instrument :

BNA_G

ClientSampleId :

WC-10



Tgt Ion:165 Resp: 14386

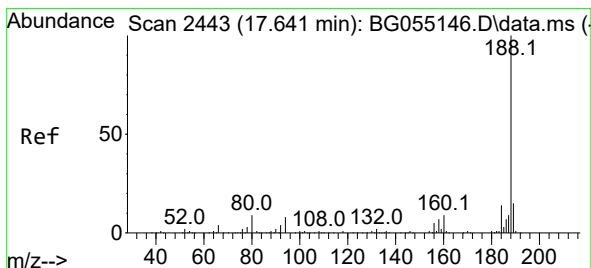
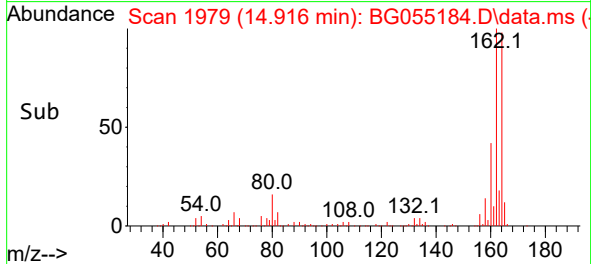
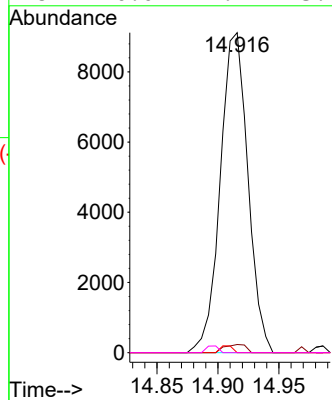
Ion Ratio Lower Upper

165 100

63 2.5 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: 17.648 min Scan# 2444

Delta R.T. 0.006 min

Lab File: BG055184.D

Acq: 14 Oct 2022 19:04

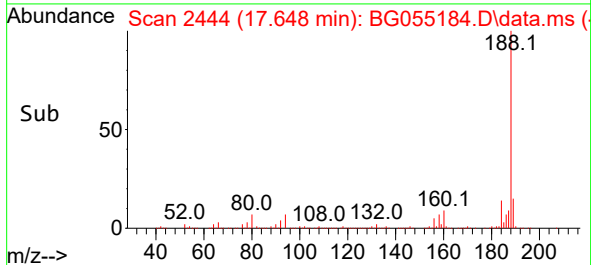
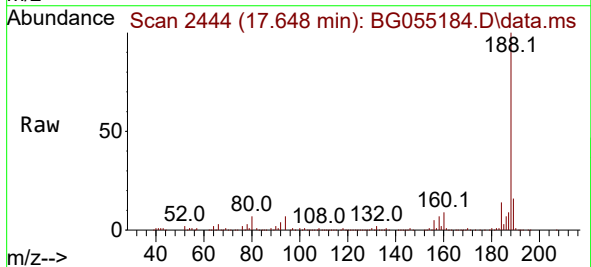
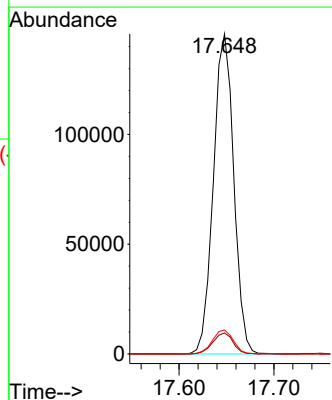
Tgt Ion:188 Resp: 217197

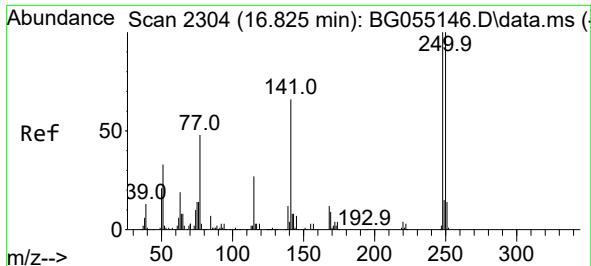
Ion Ratio Lower Upper

188 100

94 6.6 6.2 9.2

80 7.5 7.0 10.6

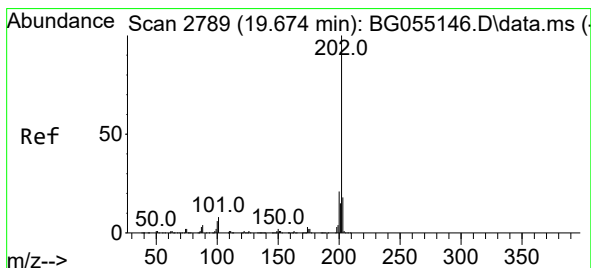
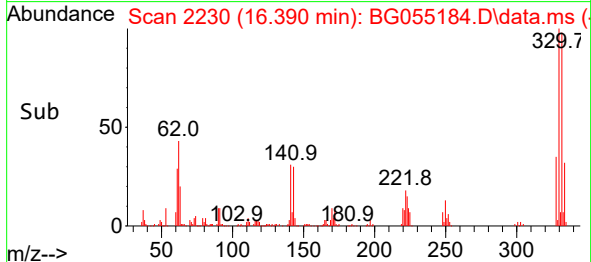
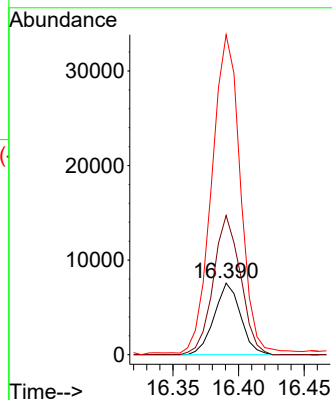
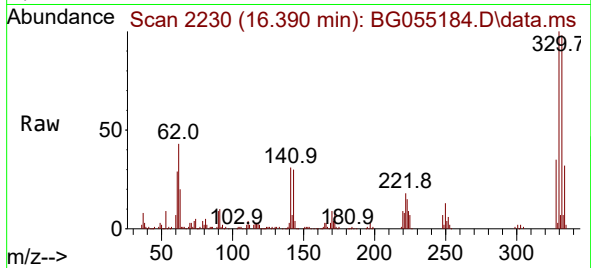




#67
4-Bromophenyl-phenylether
Concen: 4.455 ng
RT: 16.390 min Scan# 21
Delta R.T. -0.434 min
Lab File: BG055184.D
Acq: 14 Oct 2022 19:04

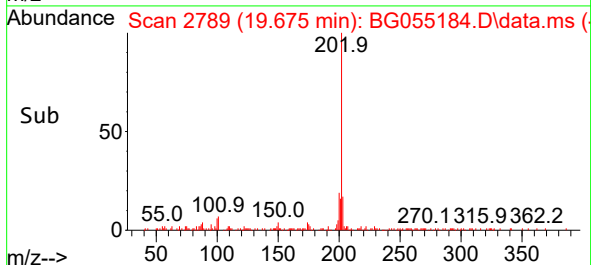
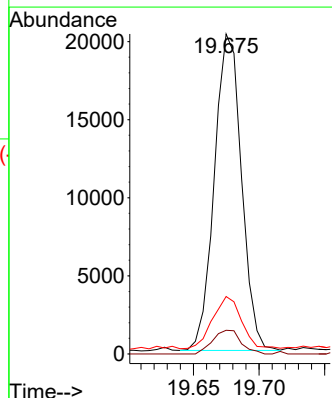
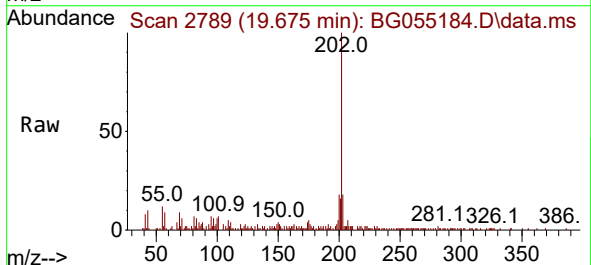
Instrument :
BNA_G
ClientSampleId :
WC-10

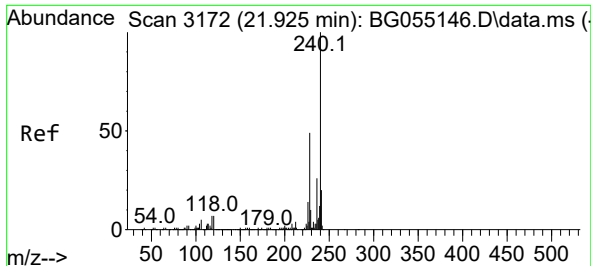
Tgt Ion:248 Resp: 10547
Ion Ratio Lower Upper
248 100
250 194.8 80.1 120.1#
141 447.8 53.1 79.7#



#75
Fluoranthene
Concen: 2.066 ng
RT: 19.675 min Scan# 2789
Delta R.T. 0.001 min
Lab File: BG055184.D
Acq: 14 Oct 2022 19:04

Tgt Ion:202 Resp: 29090
Ion Ratio Lower Upper
202 100
101 7.4 0.0 28.4
203 17.9 0.0 37.8

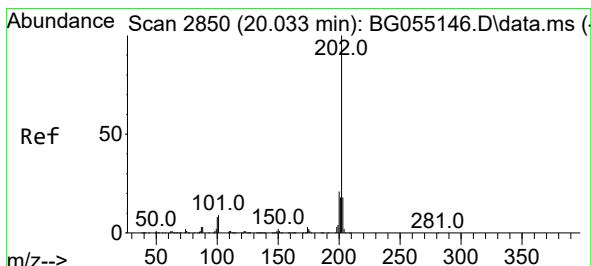
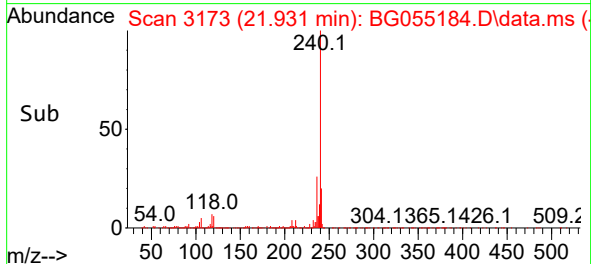
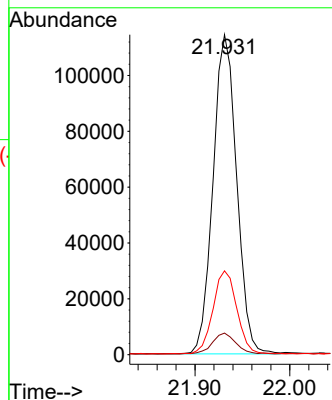
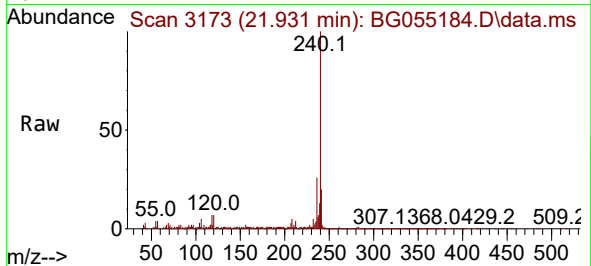




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.931 min Scan# 3173
Delta R.T. 0.006 min
Lab File: BG055184.D
Acq: 14 Oct 2022 19:04

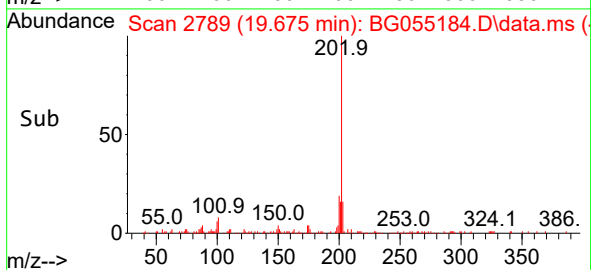
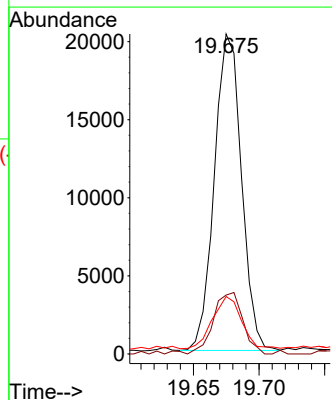
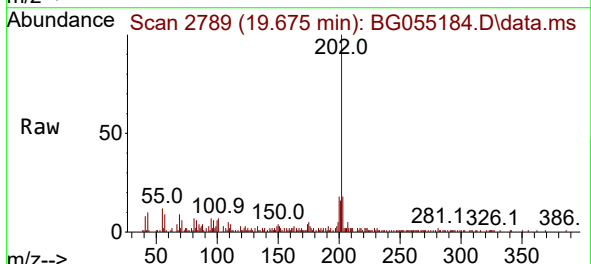
Instrument :
BNA_G
ClientSampleId :
WC-10

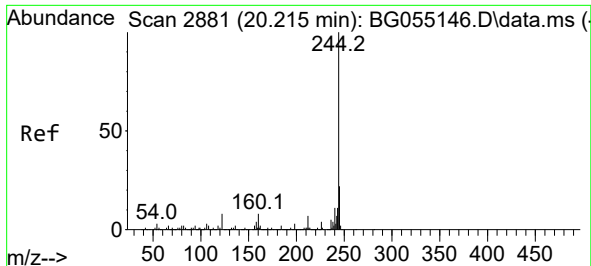
Tgt Ion:240 Resp: 198031
Ion Ratio Lower Upper
240 100
120 6.8 5.4 8.0
236 26.2 20.6 31.0



#78
Pyrene
Concen: 2.204 ng
RT: 19.675 min Scan# 2789
Delta R.T. -0.358 min
Lab File: BG055184.D
Acq: 14 Oct 2022 19:04

Tgt Ion:202 Resp: 29090
Ion Ratio Lower Upper
202 100
200 18.4 16.9 25.3
203 17.9 14.4 21.6

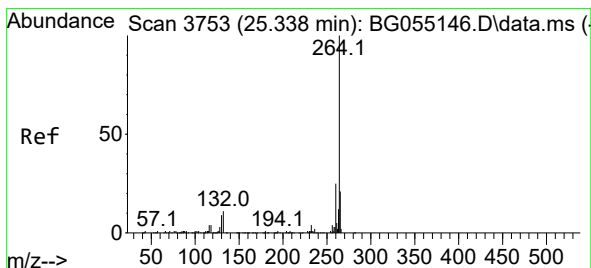
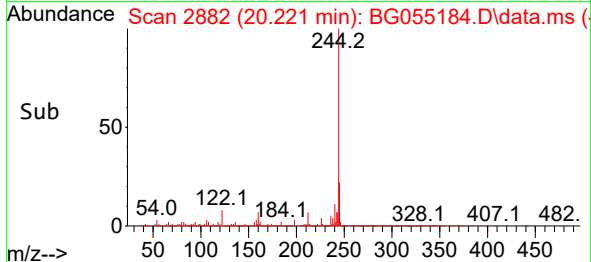
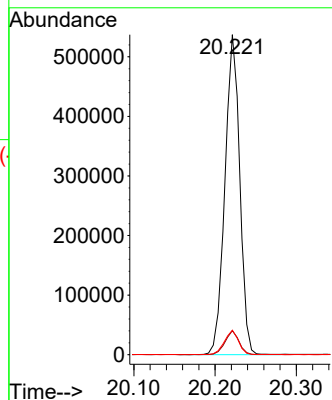
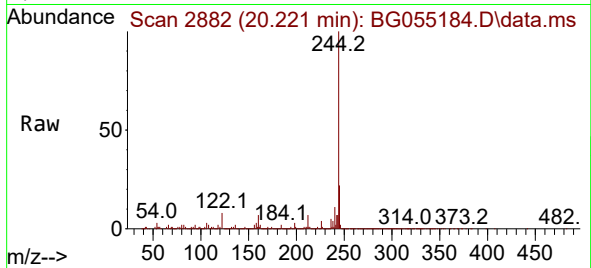




#79
 Terphenyl-d14
 Concen: 69.344 ng
 RT: 20.221 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BG055184.D
 Acq: 14 Oct 2022 19:04

Instrument :
 BNA_G
 ClientSampleId :
 WC-10

Tgt Ion:244 Resp: 681835
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.9 8.9
 122 7.7 6.6 10.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.362 min Scan# 3757
 Delta R.T. 0.024 min
 Lab File: BG055184.D
 Acq: 14 Oct 2022 19:04

Tgt Ion:264 Resp: 189140
 Ion Ratio Lower Upper
 264 100
 260 24.4 20.1 30.1
 265 22.8 16.8 25.2

