

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101422\
 Data File : BG055183.D
 Acq On : 14 Oct 2022 18:21
 Operator : CG/JU
 Sample : N5142-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-11

Quant Time: Oct 17 04:30:15 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)

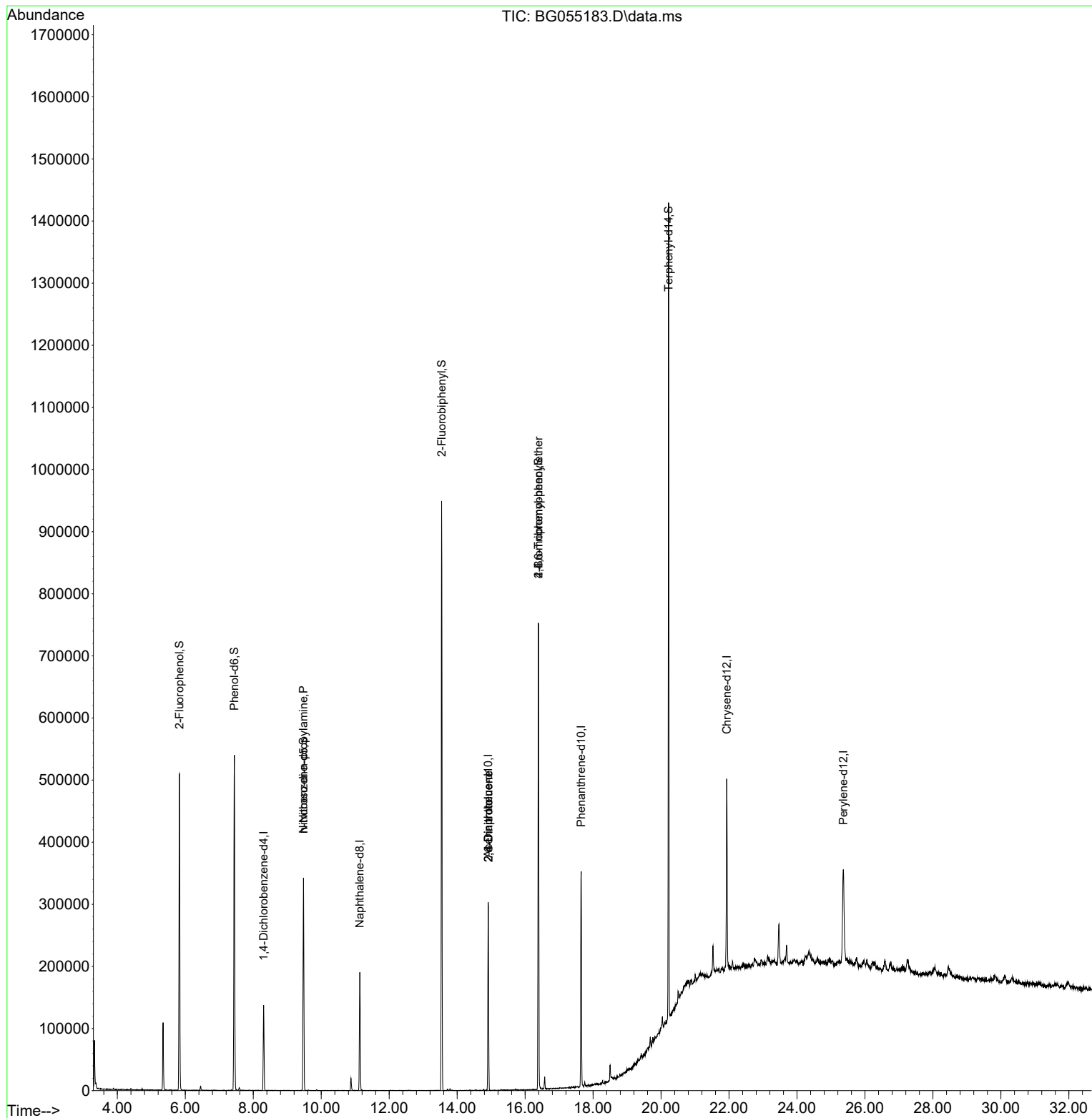
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.306	152	39827	20.000	ng	0.00
21) Naphthalene-d8	11.132	136	165946	20.000	ng	0.00
39) Acenaphthene-d10	14.910	164	110940	20.000	ng	0.00
64) Phenanthrene-d10	17.648	188	227008	20.000	ng	0.00
76) Chrysene-d12	21.931	240	201637	20.000	ng	0.00
86) Perylene-d12	25.362	264	194256	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.827	112	230664	113.312	ng	0.00
7) Phenol-d6	7.442	99	311801	103.544	ng	0.00
23) Nitrobenzene-d5	9.475	82	199741	64.545	ng	0.00
42) 2,4,6-Tribromophenol	16.391	330	163564	102.607	ng	0.00
45) 2-Fluorobiphenyl	13.541	172	486915	71.697	ng	0.00
79) Terphenyl-d14	20.221	244	654708	65.394	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.475	70	28391	11.682	ng	Qvalue # 80
51) 2,6-Dinitrotoluene	14.916	165	14502	7.902	ng	# 21
57) 2,4-Dinitrotoluene	14.916	165	14502	5.395	ng	# 23
67) 4-Bromophenyl-phenylether	16.391	248	10212	4.127	ng	# 1

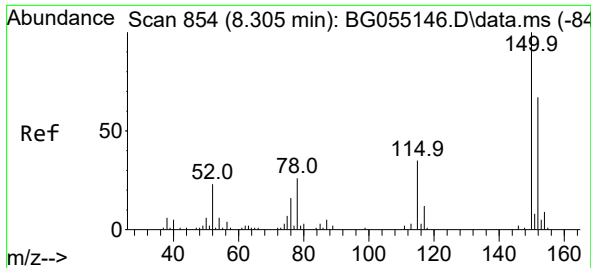
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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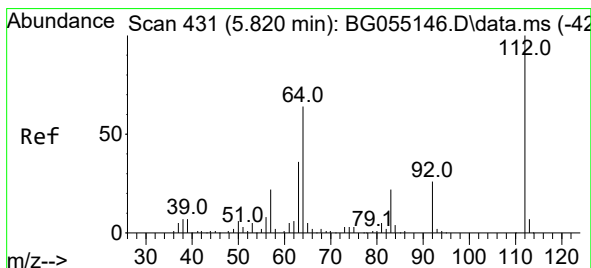
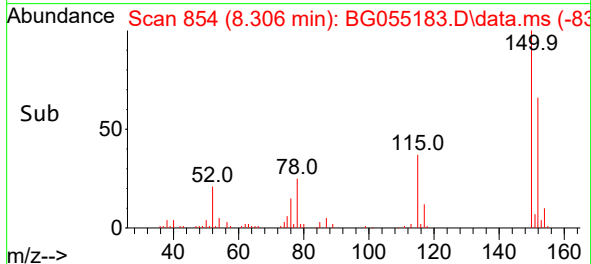
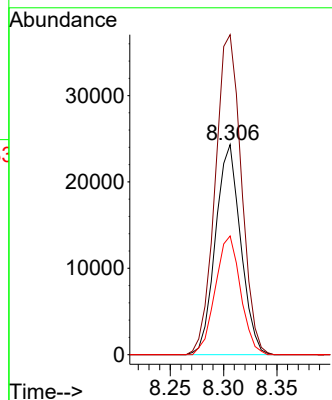
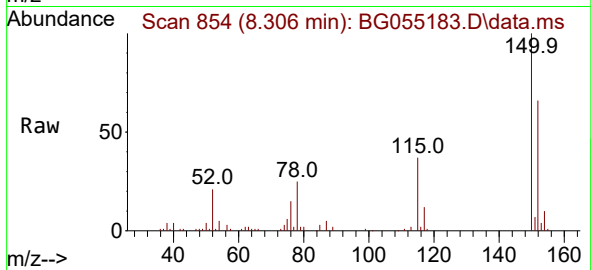




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.306 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG055183.D
Acq: 14 Oct 2022 18:21

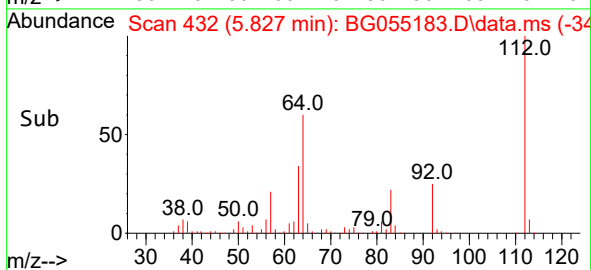
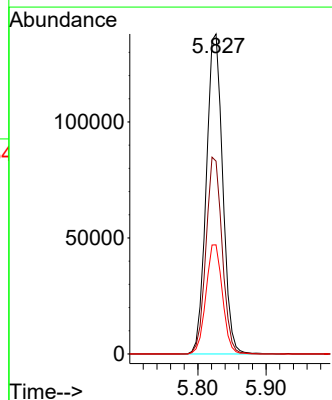
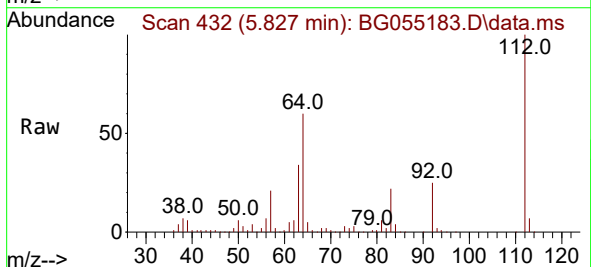
Instrument :
BNA_G
ClientSampleId :
WC-11

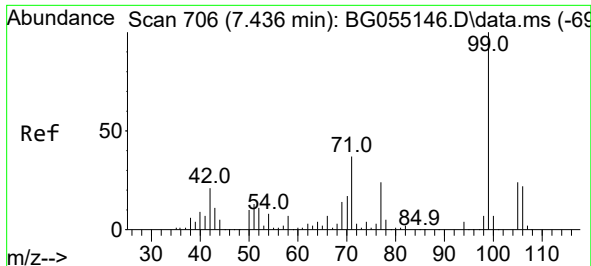
Tgt Ion:152 Resp: 39827
Ion Ratio Lower Upper
152 100
150 152.3 119.7 179.5
115 56.5 42.4 63.6



#5
2-Fluorophenol
Concen: 113.312 ng
RT: 5.827 min Scan# 432
Delta R.T. 0.007 min
Lab File: BG055183.D
Acq: 14 Oct 2022 18:21

Tgt Ion:112 Resp: 230664
Ion Ratio Lower Upper
112 100
64 60.3 50.9 76.3
63 34.1 29.0 43.6

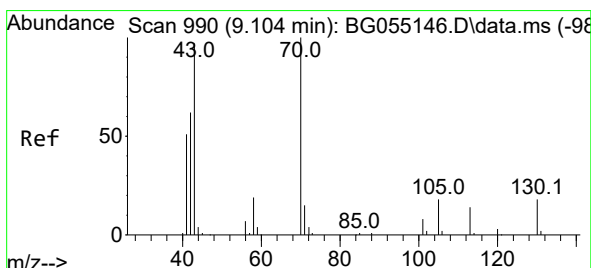
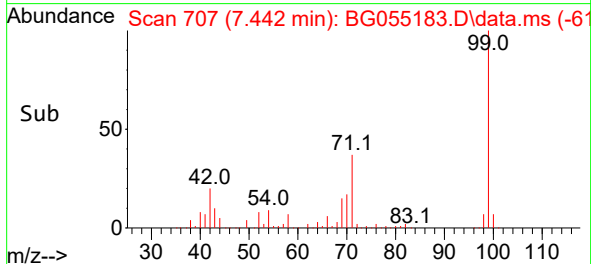
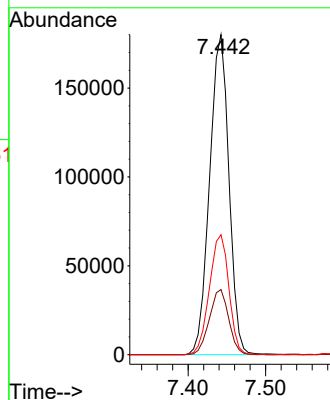
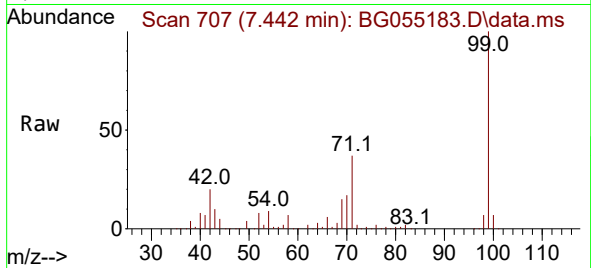




#7
Phenol-d6
Concen: 103.544 ng
RT: 7.442 min Scan# 706
Delta R.T. 0.007 min
Lab File: BG055183.D
Acq: 14 Oct 2022 18:21

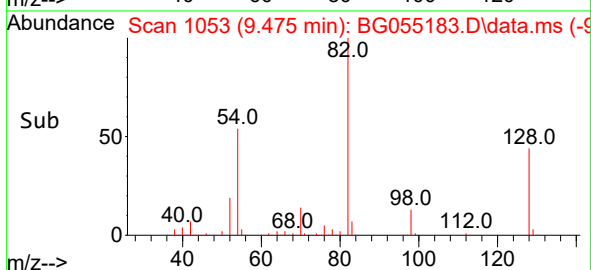
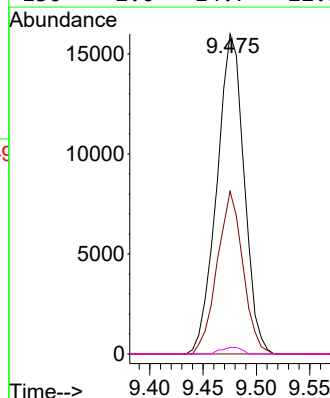
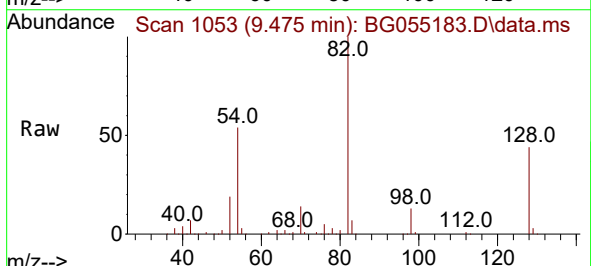
Instrument :
BNA_G
ClientSampleId :
WC-11

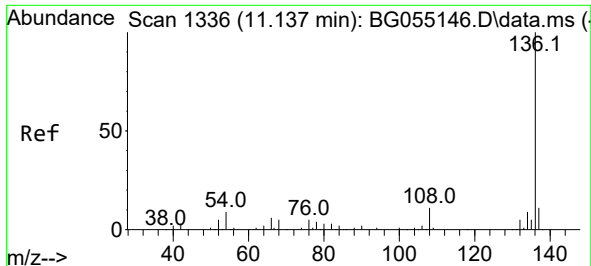
Tgt Ion: 99 Resp: 311801
Ion Ratio Lower Upper
99 100
42 20.3 16.6 25.0
71 37.5 29.6 44.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.682 ng
RT: 9.475 min Scan# 1053
Delta R.T. 0.371 min
Lab File: BG055183.D
Acq: 14 Oct 2022 18:21

Tgt Ion: 70 Resp: 28391
Ion Ratio Lower Upper
70 100
42 50.9 50.1 75.1
101 0.0 6.6 10.0#
130 2.0 14.7 22.1#

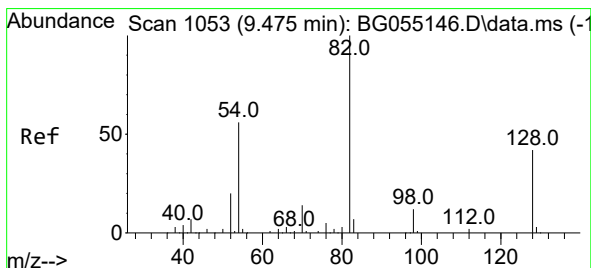
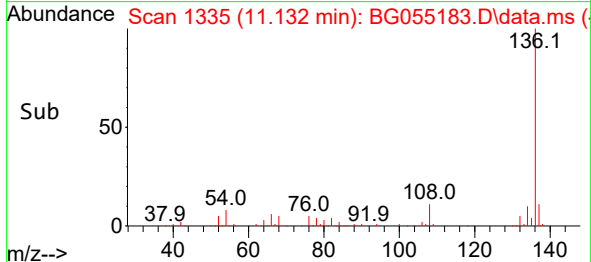
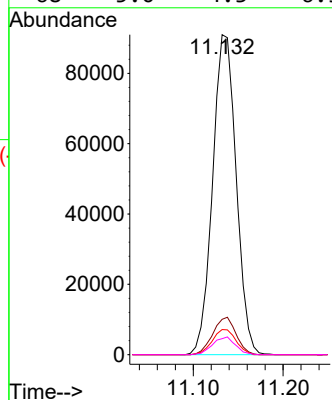
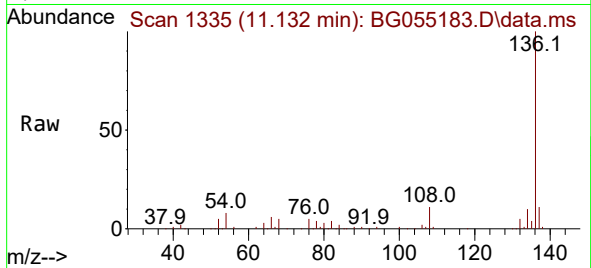




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.132 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG055183.D
Acq: 14 Oct 2022 18:21

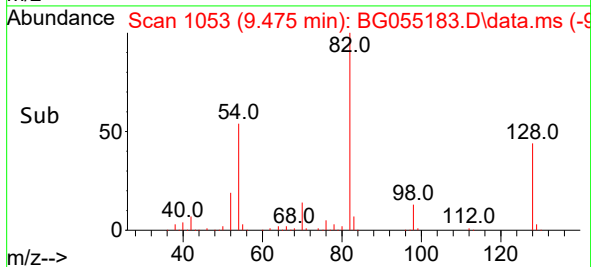
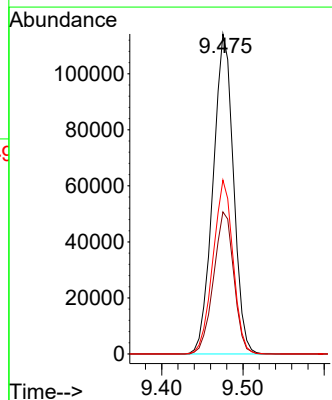
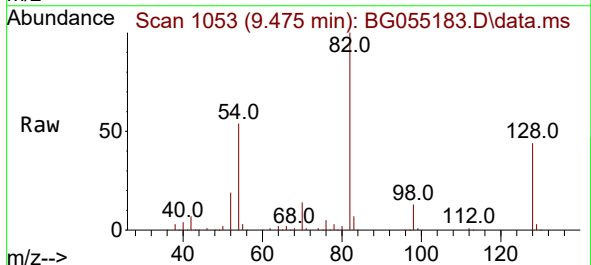
Instrument :
BNA_G
ClientSampleId :
WC-11

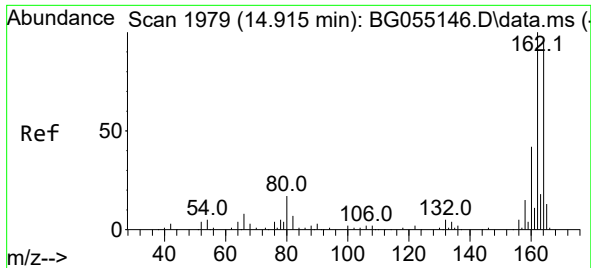
Tgt Ion:136 Resp: 165946
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 7.8 7.0 10.6
68 5.0 4.3 6.5



#23
Nitrobenzene-d5
Concen: 64.545 ng
RT: 9.475 min Scan# 1053
Delta R.T. 0.001 min
Lab File: BG055183.D
Acq: 14 Oct 2022 18:21

Tgt Ion: 82 Resp: 199741
Ion Ratio Lower Upper
82 100
128 44.4 33.5 50.3
54 54.3 44.7 67.1

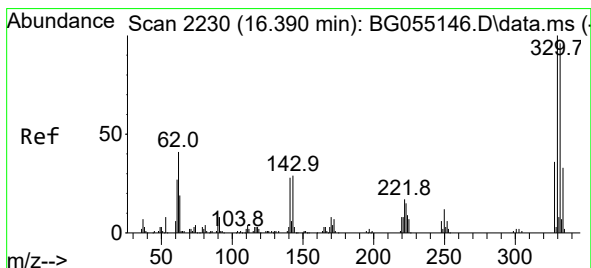
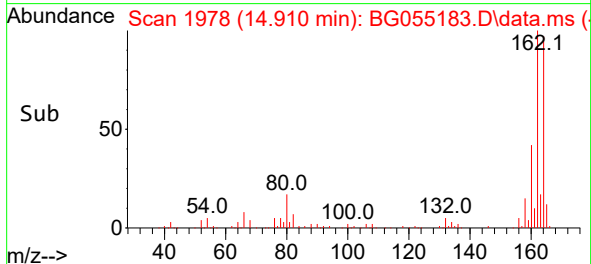
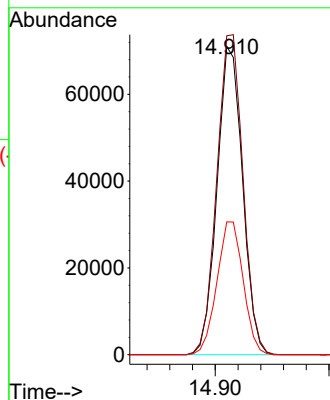
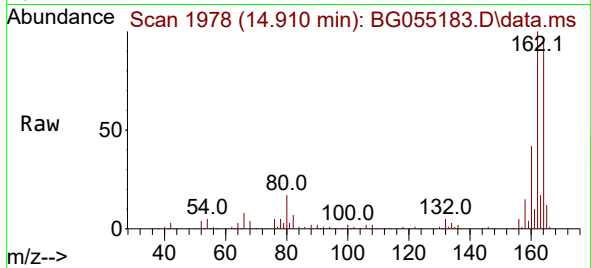




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.910 min Scan# 1979
Delta R.T. -0.005 min
Lab File: BG055183.D
Acq: 14 Oct 2022 18:21

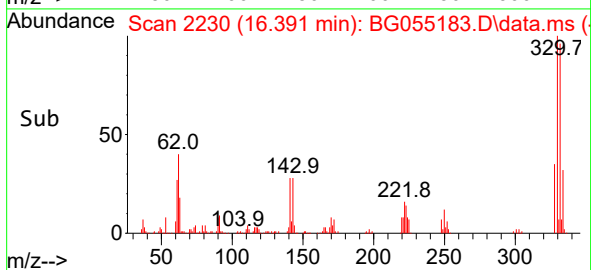
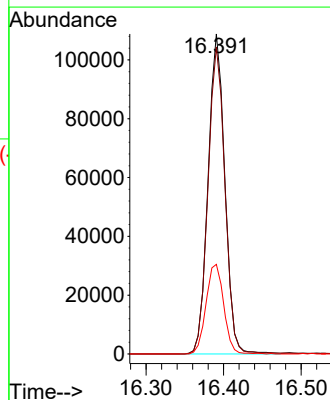
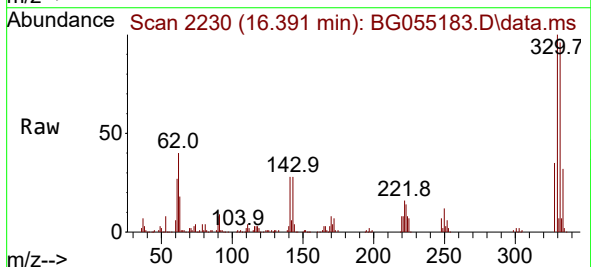
Instrument :
BNA_G
ClientSampleId :
WC-11

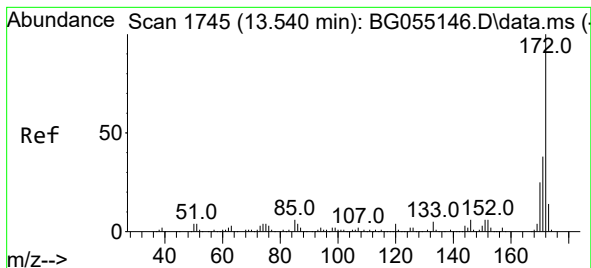
Tgt Ion:164 Resp: 110940
Ion Ratio Lower Upper
164 100
162 103.5 83.3 124.9
160 43.1 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 102.607 ng
RT: 16.391 min Scan# 2230
Delta R.T. 0.001 min
Lab File: BG055183.D
Acq: 14 Oct 2022 18:21

Tgt Ion:330 Resp: 163564
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.4
141 29.5 24.6 36.8

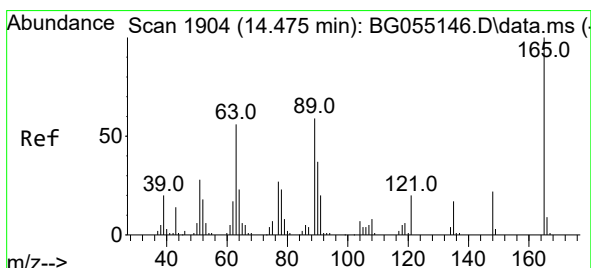
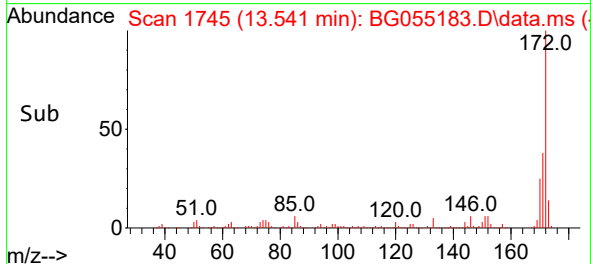
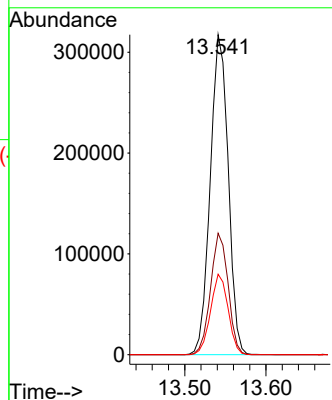
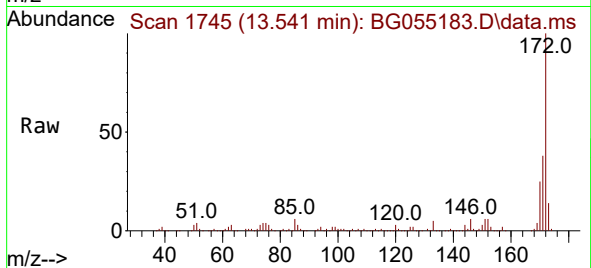




#45
2-Fluorobiphenyl
Concen: 71.697 ng
RT: 13.541 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG055183.D
Acq: 14 Oct 2022 18:21

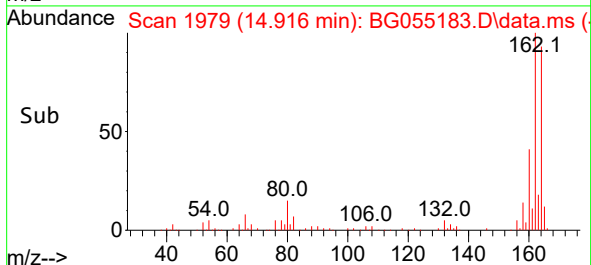
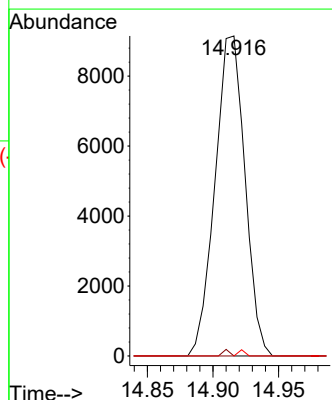
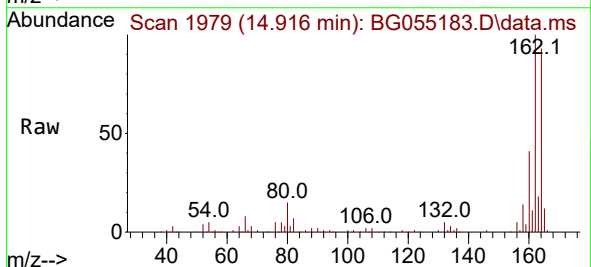
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ClientSampleId :
WC-11

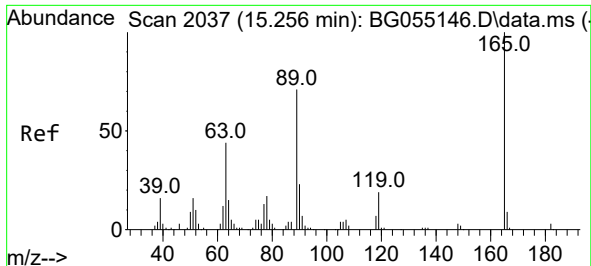
Tgt Ion:172 Resp: 486915
Ion Ratio Lower Upper
172 100
171 37.9 30.1 45.1
170 25.2 19.8 29.6



#51
2,6-Dinitrotoluene
Concen: 7.902 ng
RT: 14.916 min Scan# 1979
Delta R.T. 0.441 min
Lab File: BG055183.D
Acq: 14 Oct 2022 18:21

Tgt Ion:165 Resp: 14502
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: 5.395 ng

RT: 14.916 min Scan# 14

Delta R.T. -0.340 min

Lab File: BG055183.D

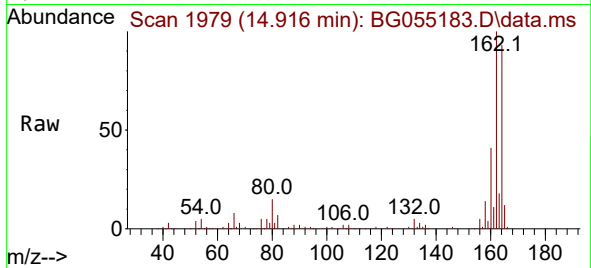
Acq: 14 Oct 2022 18:21

Instrument :

BNA_G

ClientSampleId :

WC-11



Tgt Ion:165 Resp: 14502

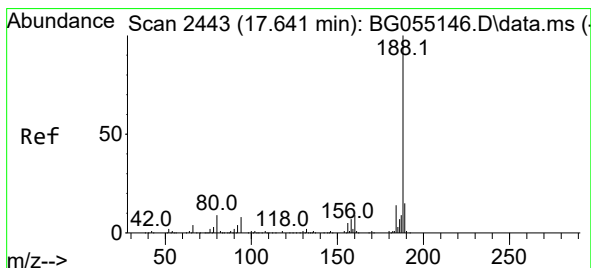
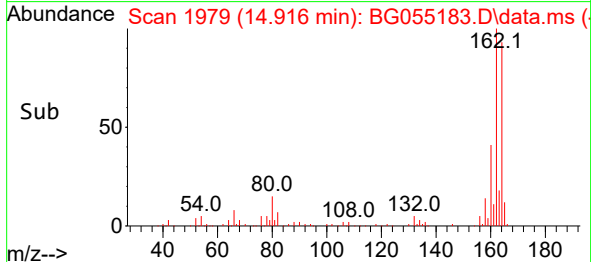
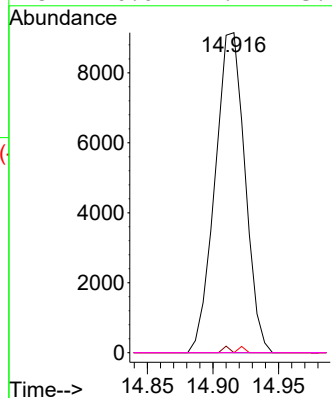
Ion Ratio Lower Upper

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: 17.648 min Scan# 2444

Delta R.T. 0.007 min

Lab File: BG055183.D

Acq: 14 Oct 2022 18:21

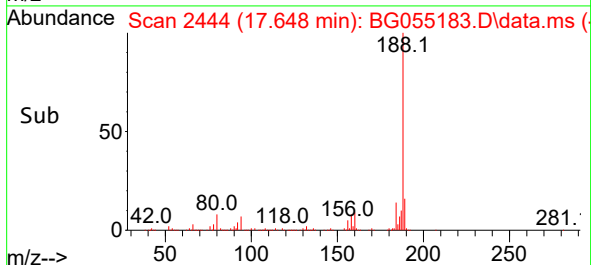
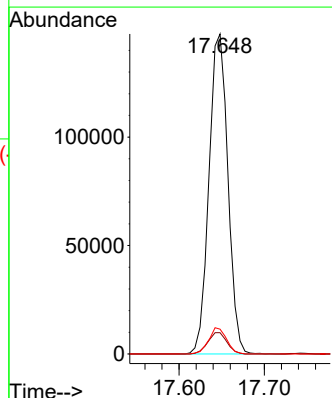
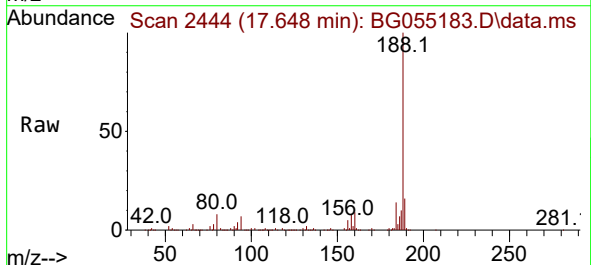
Tgt Ion:188 Resp: 227008

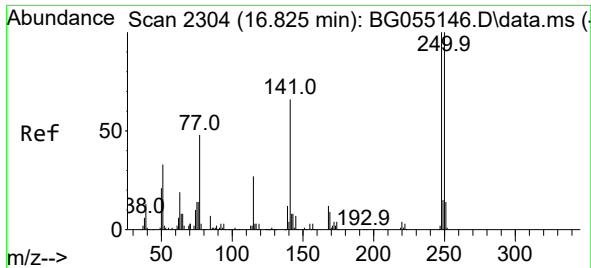
Ion Ratio Lower Upper

188 100

94 6.6 6.2 9.2

80 7.8 7.0 10.6

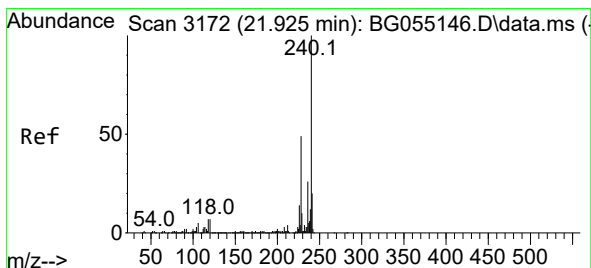
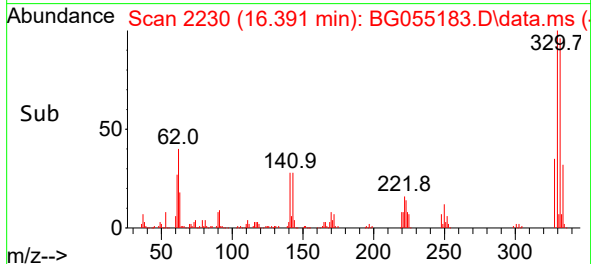
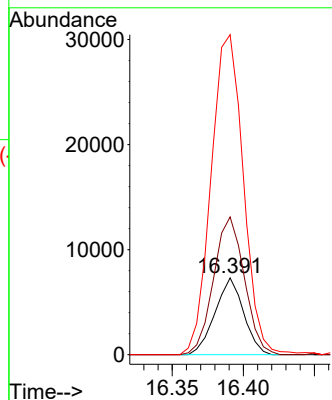
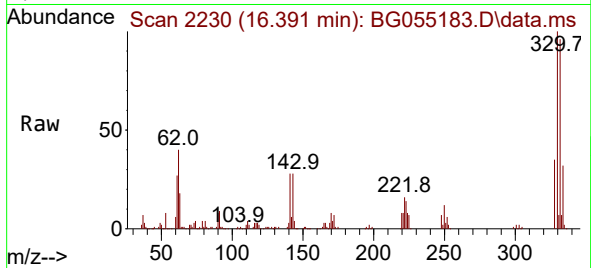




#67
4-Bromophenyl-phenylether
Concen: 4.127 ng
RT: 16.391 min Scan# 21
Delta R.T. -0.434 min
Lab File: BG055183.D
Acq: 14 Oct 2022 18:21

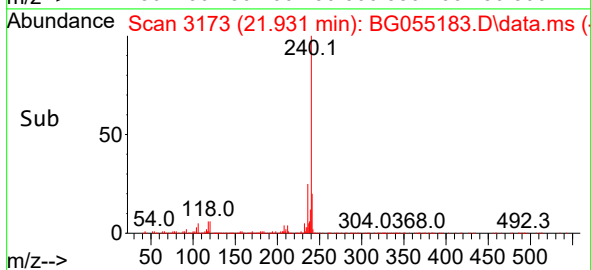
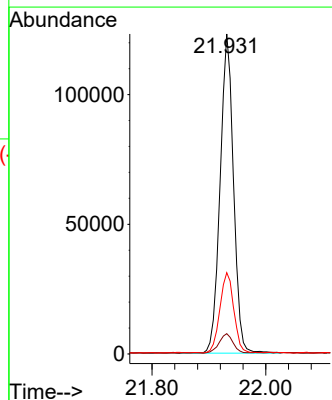
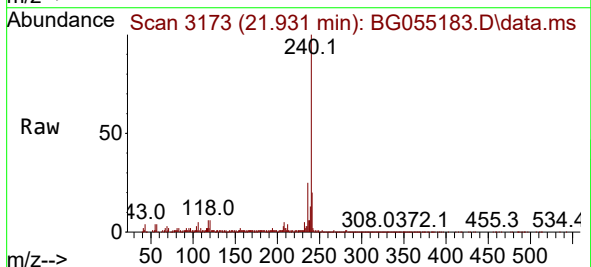
Instrument :
BNA_G
ClientSampleId :
WC-11

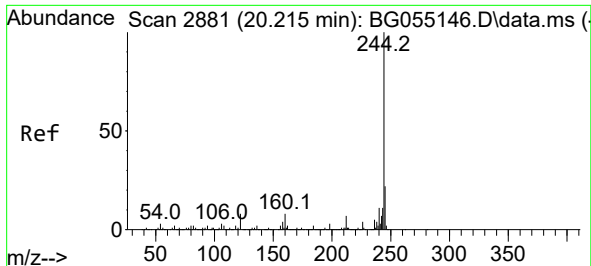
Tgt Ion:248 Resp: 10212
Ion Ratio Lower Upper
248 100
250 179.4 80.1 120.1#
141 417.0 53.1 79.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.931 min Scan# 3173
Delta R.T. 0.007 min
Lab File: BG055183.D
Acq: 14 Oct 2022 18:21

Tgt Ion:240 Resp: 201637
Ion Ratio Lower Upper
240 100
120 6.3 5.4 8.0
236 25.4 20.6 31.0

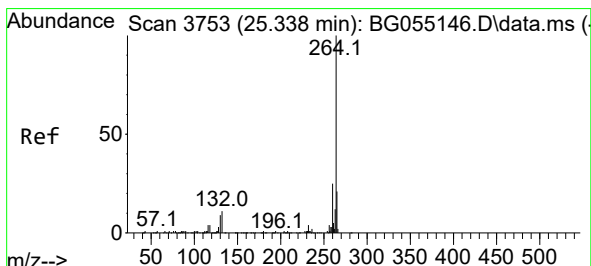
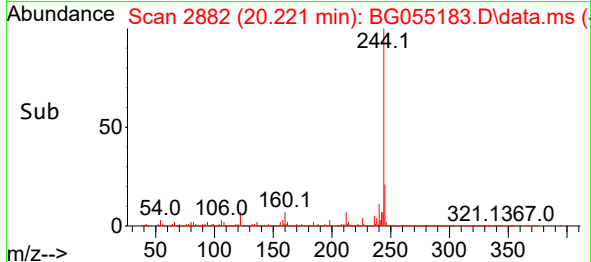
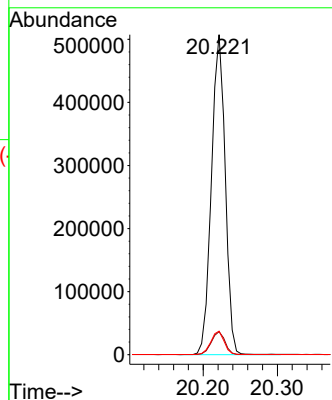
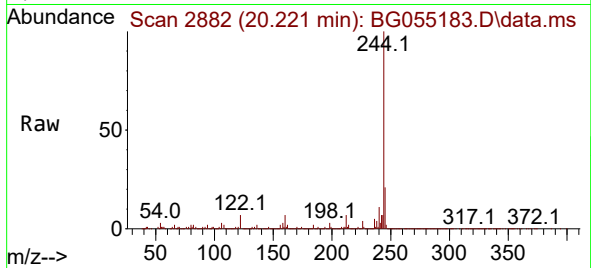




#79
 Terphenyl-d14
 Concen: 65.394 ng
 RT: 20.221 min Scan# 21
 Delta R.T. 0.007 min
 Lab File: BG055183.D
 Acq: 14 Oct 2022 18:21

Instrument :
 BNA_G
 ClientSampleId :
 WC-11

Tgt Ion:244 Resp: 654708
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 7.3 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: BG055183.D
 Acq: 14 Oct 2022 18:21

Tgt Ion:264 Resp: 194256
 Ion Ratio Lower Upper
 264 100
 260 24.3 20.1 30.1
 265 21.7 16.8 25.2

