

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG113022\
 Data File : BG055846.D
 Acq On : 30 Nov 2022 17:48
 Operator : CG/JU
 Sample : N5809-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HOWE-DRUM-B-1129

Quant Time: Dec 01 02:13:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 01 02:10:33 2022
 Response via : Initial Calibration

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

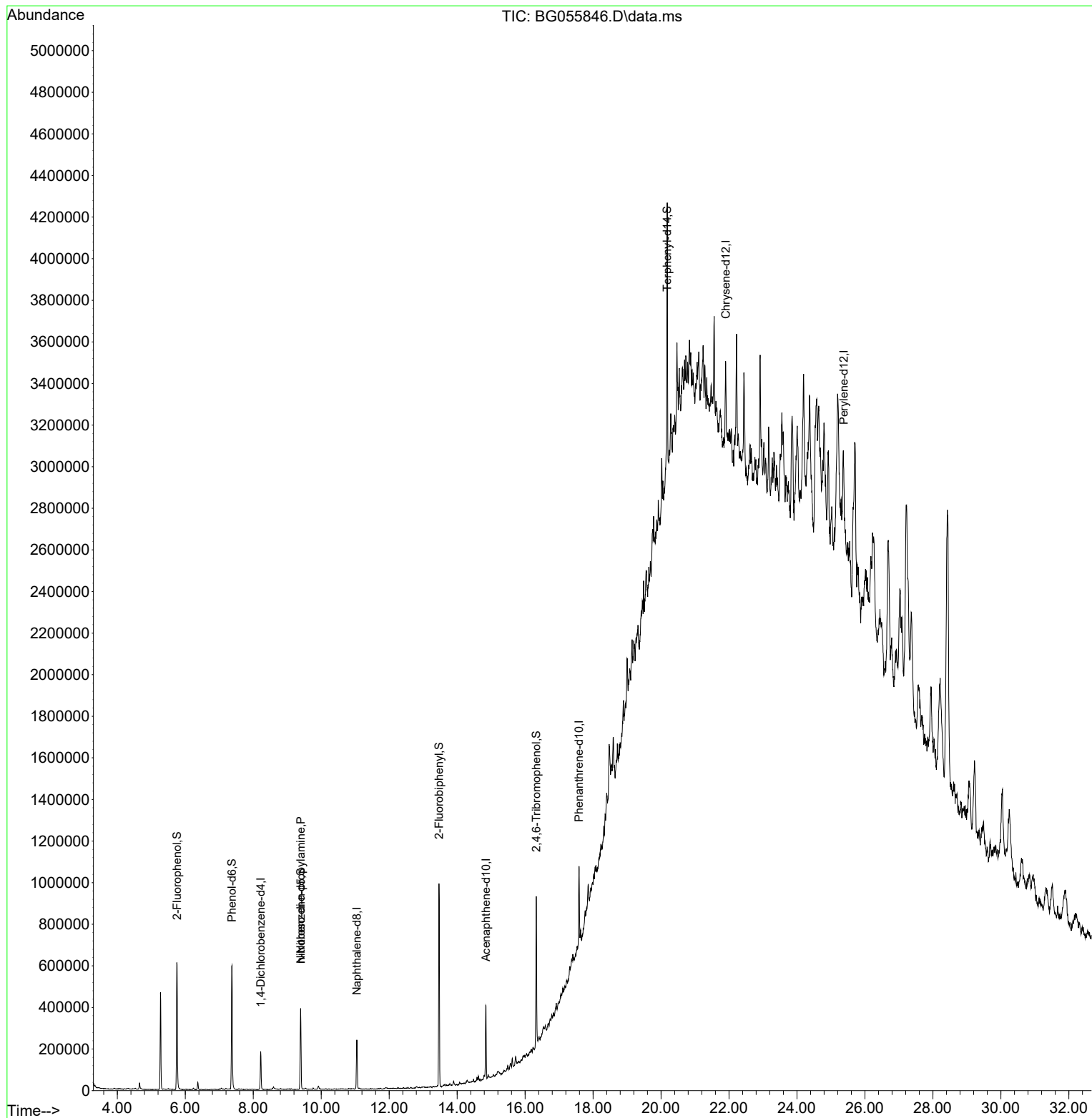
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.221	152	51895	20.000	ng	0.00
21) Naphthalene-d8	11.047	136	205940	20.000	ng	0.00
39) Acenaphthene-d10	14.848	164	128863	20.000	ng	0.00
64) Phenanthrene-d10	17.586	188	256095	20.000	ng	# 0.00
76) Chrysene-d12	21.905	240	223156	20.000	ng	# 0.02
86) Perylene-d12	25.377	264	224358	20.000	ng	# 0.12
System Monitoring Compounds						
5) 2-Fluorophenol	5.759	112	287293	100.065	ng	0.00
7) Phenol-d6	7.369	99	366129	95.799	ng	0.00
23) Nitrobenzene-d5	9.396	82	233799	60.005	ng	0.00
42) 2,4,6-Tribromophenol	16.329	330	156224	86.095	ng	0.00
45) 2-Fluorobiphenyl	13.467	172	517620	60.177	ng	0.00
79) Terphenyl-d14	20.183	244	633049	56.740	ng	0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.396	70	32860	11.190	ng	# 76

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

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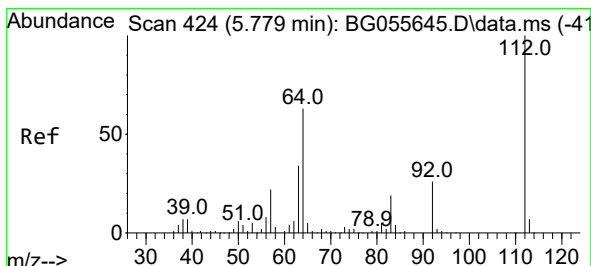
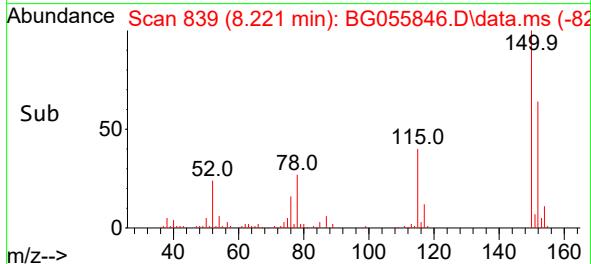
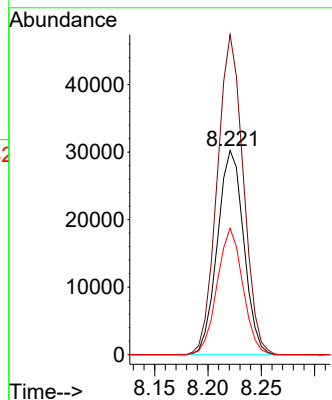
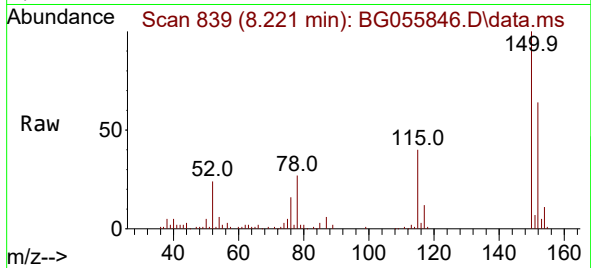




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.221 min Scan# 81
 Delta R.T. 0.002 min
 Lab File: BG055846.D
 Acq: 30 Nov 2022 17:48

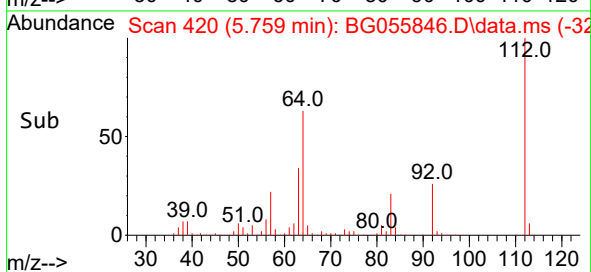
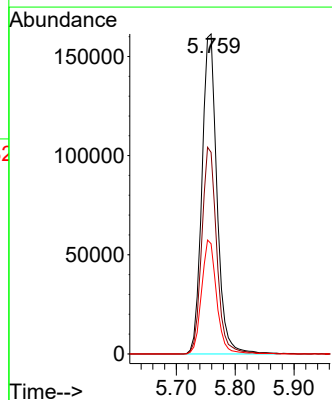
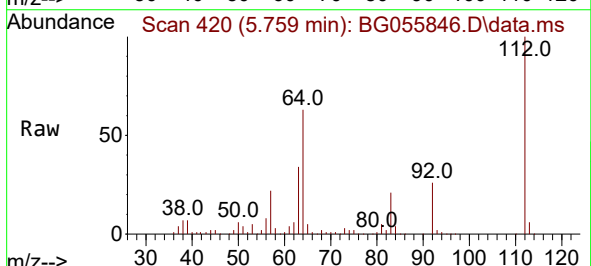
Instrument :
 BNA_G
 ClientSampleId :
 HOWE-DRUM-B-1129

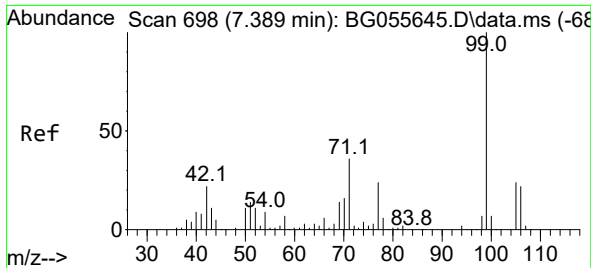
Tgt Ion:152 Resp: 51895
 Ion Ratio Lower Upper
 152 100
 150 156.7 123.0 184.6
 115 61.9 47.0 70.4



#5
 2-Fluorophenol
 Concen: 100.065 ng
 RT: 5.759 min Scan# 420
 Delta R.T. 0.007 min
 Lab File: BG055846.D
 Acq: 30 Nov 2022 17:48

Tgt Ion:112 Resp: 287293
 Ion Ratio Lower Upper
 112 100
 64 63.0 50.6 76.0
 63 34.4 27.5 41.3

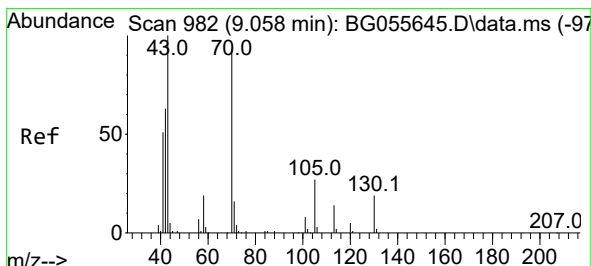
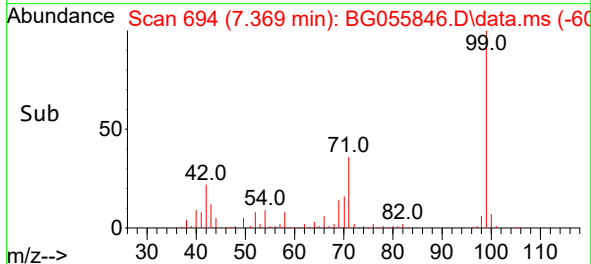
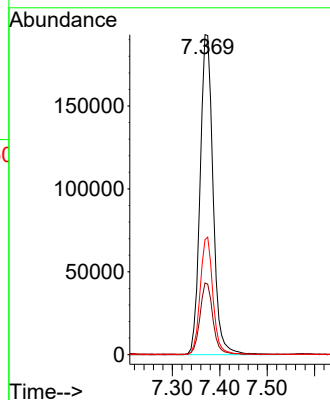
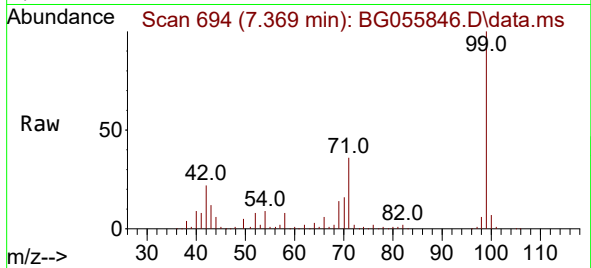




#7
Phenol-d6
Concen: 95.799 ng
RT: 7.369 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG055846.D
Acq: 30 Nov 2022 17:48

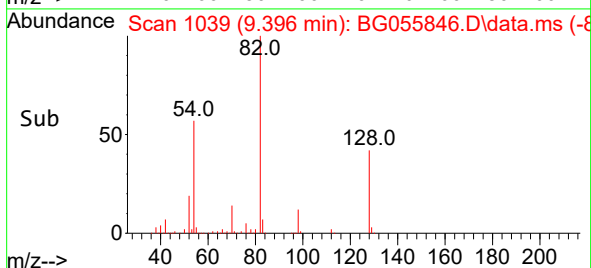
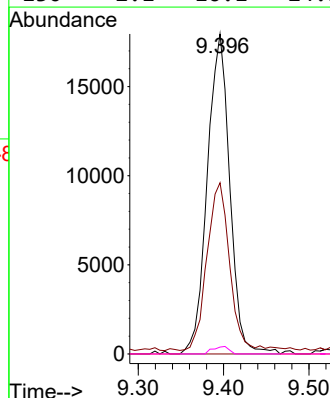
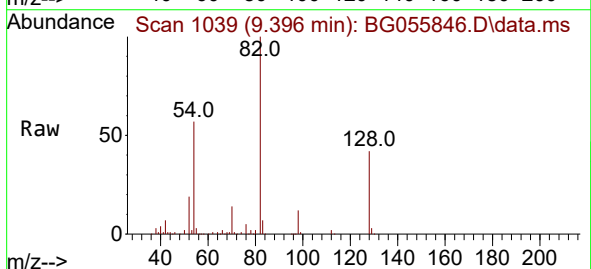
Instrument :
BNA_G
ClientSampleId :
HOWE-DRUM-B-1129

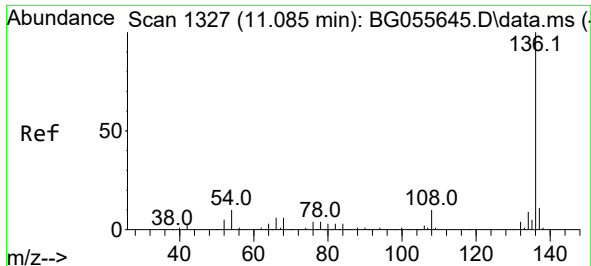
Tgt Ion: 99 Resp: 366129
Ion Ratio Lower Upper
99 100
42 22.4 18.0 27.0
71 36.0 29.0 43.6



#19
n-Nitroso-di-n-propylamine
Concen: 11.190 ng
RT: 9.396 min Scan# 1039
Delta R.T. 0.372 min
Lab File: BG055846.D
Acq: 30 Nov 2022 17:48

Tgt Ion: 70 Resp: 32860
Ion Ratio Lower Upper
70 100
42 53.5 55.2 82.8#
101 0.0 7.1 10.7#
130 2.1 16.1 24.1#

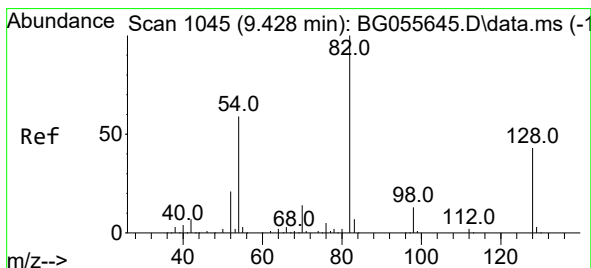
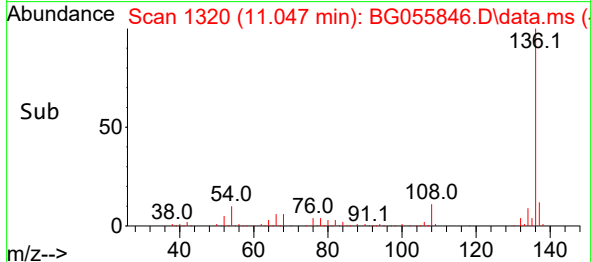
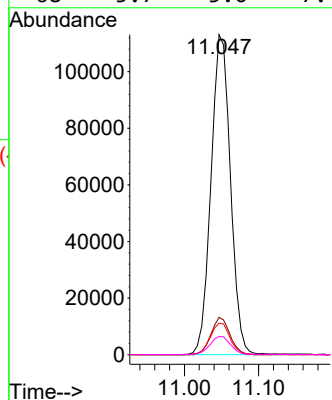
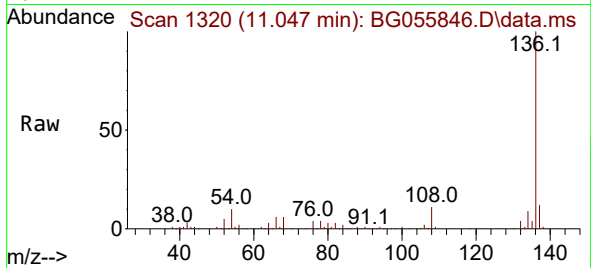




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.047 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG055846.D
Acq: 30 Nov 2022 17:48

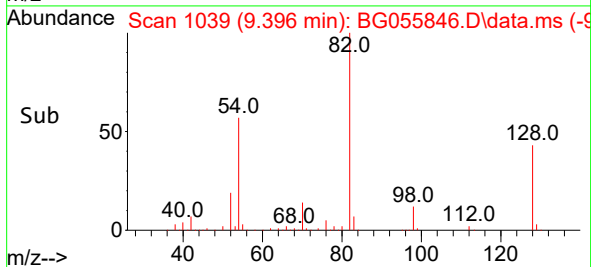
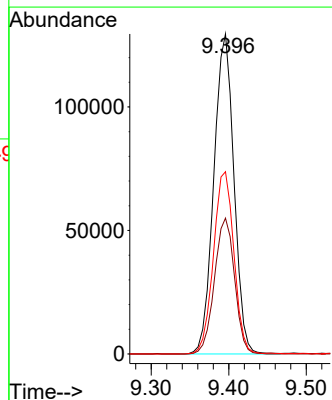
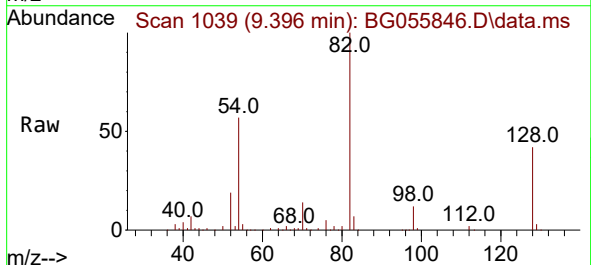
Instrument :
BNA_G
ClientSampleId :
HOWE-DRUM-B-1129

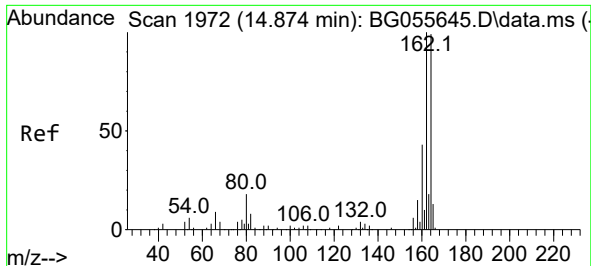
Tgt Ion:	136	Resp:	205940
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.6
54	9.8	7.8	11.6
68	5.7	5.0	7.4



#23
Nitrobenzene-d5
Concen: 60.005 ng
RT: 9.396 min Scan# 1039
Delta R.T. 0.001 min
Lab File: BG055846.D
Acq: 30 Nov 2022 17:48

Tgt Ion:	82	Resp:	233799
Ion	Ratio	Lower	Upper
82	100		
128	42.5	34.1	51.1
54	56.9	47.3	70.9

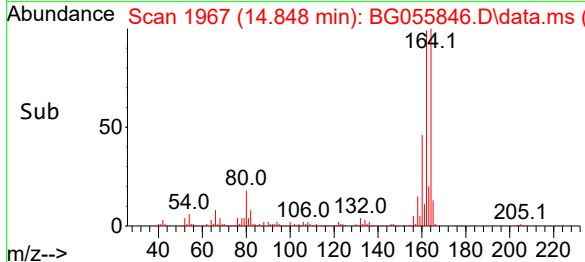
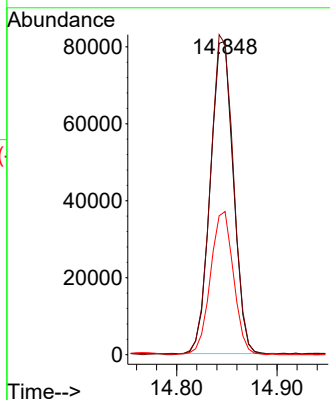
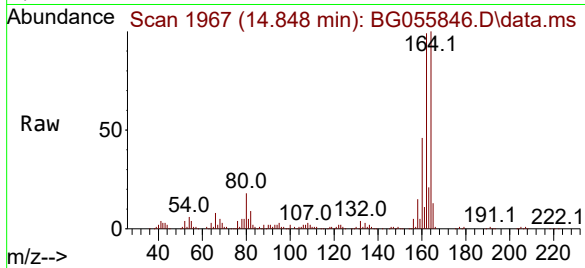




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.848 min Scan# 1972
Delta R.T. 0.001 min
Lab File: BG055846.D
Acq: 30 Nov 2022 17:48

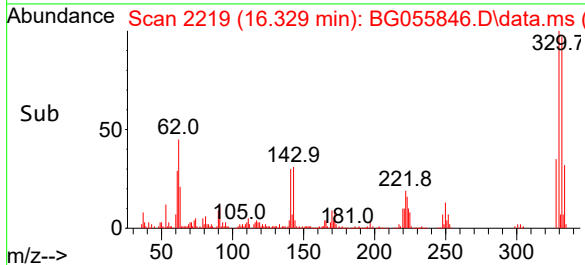
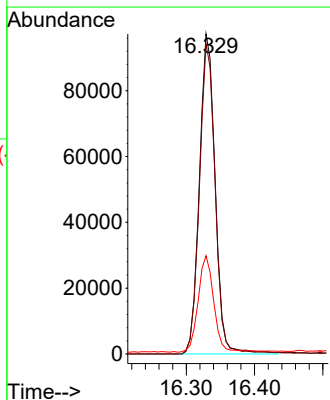
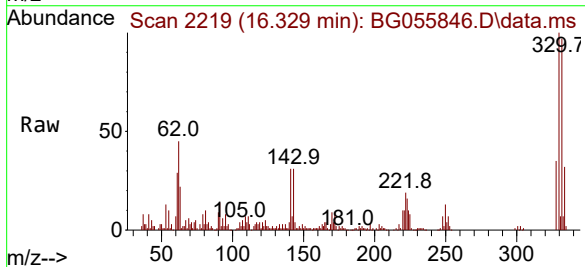
Instrument :
BNA_G
ClientSampleId :
HOWE-DRUM-B-1129

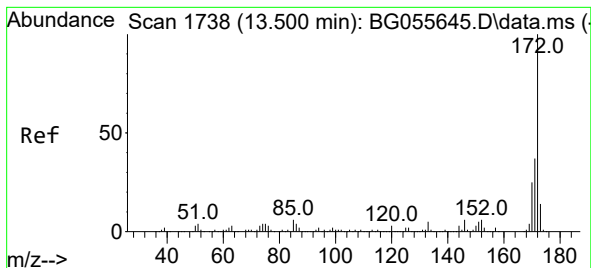
Tgt Ion:164 Resp: 128863
Ion Ratio Lower Upper
164 100
162 99.1 81.1 121.7
160 45.7 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 86.095 ng
RT: 16.329 min Scan# 2219
Delta R.T. 0.001 min
Lab File: BG055846.D
Acq: 30 Nov 2022 17:48

Tgt Ion:330 Resp: 156224
Ion Ratio Lower Upper
330 100
332 97.0 77.8 116.8
141 29.5 23.9 35.9





#45

2-Fluorobiphenyl

Concen: 60.177 ng

RT: 13.467 min Scan# 1

Delta R.T. -0.004 min

Lab File: BG055846.D

Acq: 30 Nov 2022 17:48

Instrument :

BNA_G

ClientSampleId :

HOWE-DRUM-B-1129

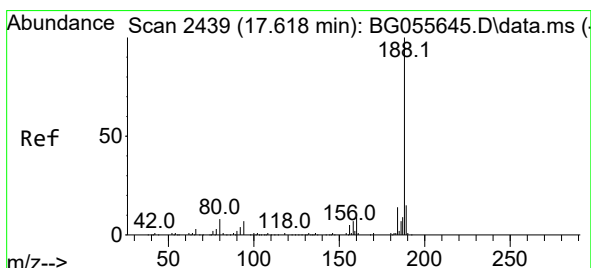
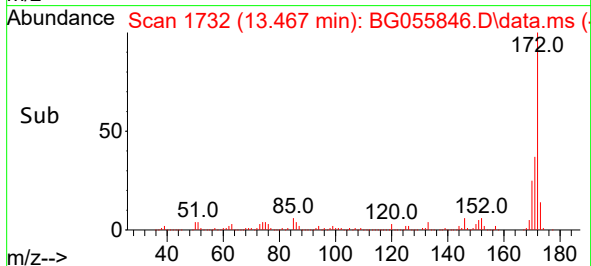
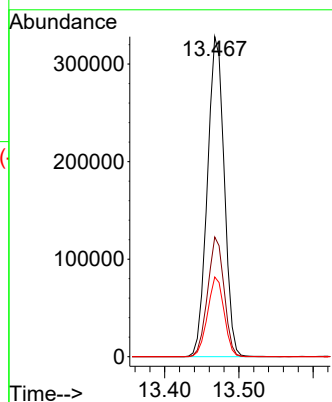
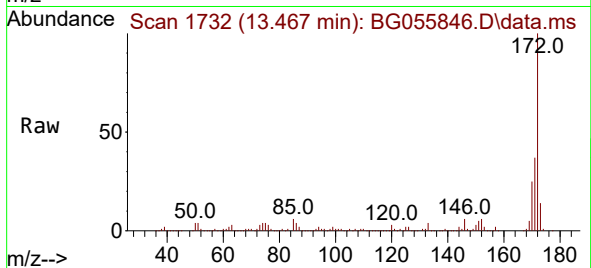
Tgt Ion:172 Resp: 517620

Ion Ratio Lower Upper

172 100

171 37.4 29.8 44.6

170 24.9 20.2 30.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.586 min Scan# 2433

Delta R.T. 0.001 min

Lab File: BG055846.D

Acq: 30 Nov 2022 17:48

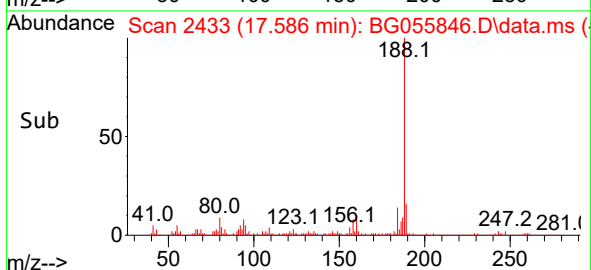
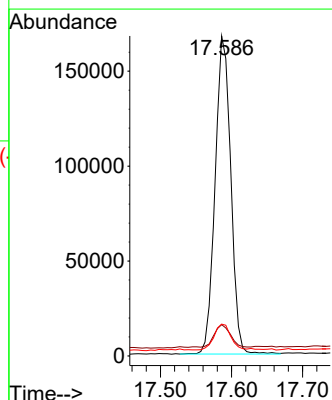
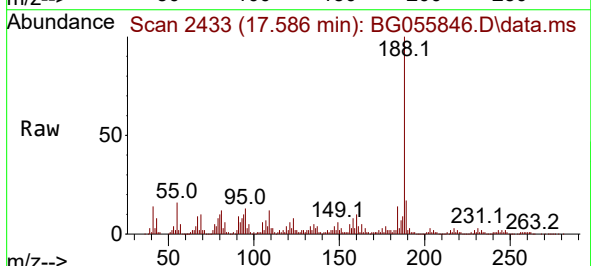
Tgt Ion:188 Resp: 256095

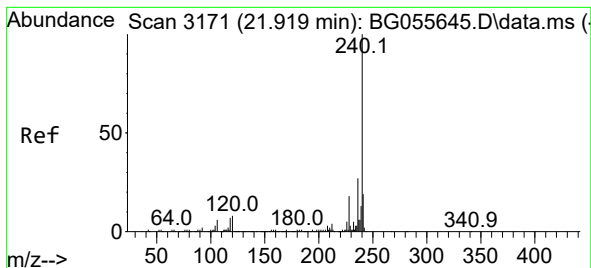
Ion Ratio Lower Upper

188 100

94 9.8 5.4 8.2#

80 10.0 6.6 10.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.905 min Scan# 31

Delta R.T. 0.025 min

Lab File: BG055846.D

Acq: 30 Nov 2022 17:48

Instrument :

BNA_G

ClientSampleId :

HOWE-DRUM-B-1129

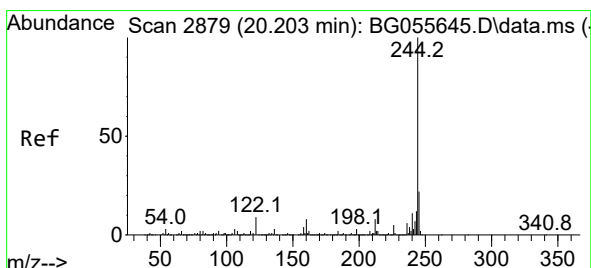
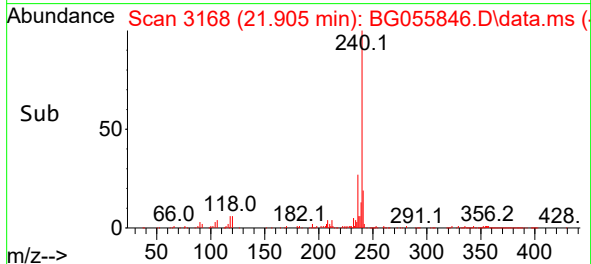
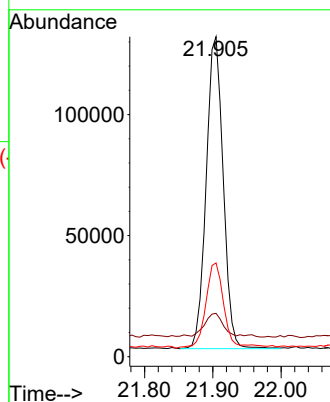
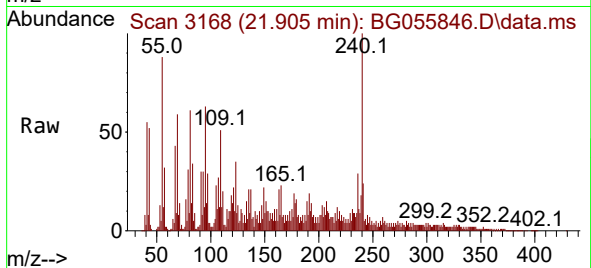
Tgt Ion:240 Resp: 223156

Ion Ratio Lower Upper

240 100

120 13.6 6.3 9.5#

236 29.3 21.9 32.9



#79

Terphenyl-d14

Concen: 56.740 ng

RT: 20.183 min Scan# 2875

Delta R.T. 0.013 min

Lab File: BG055846.D

Acq: 30 Nov 2022 17:48

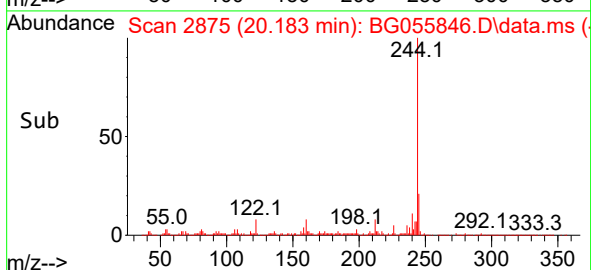
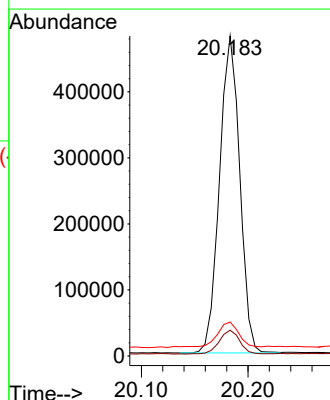
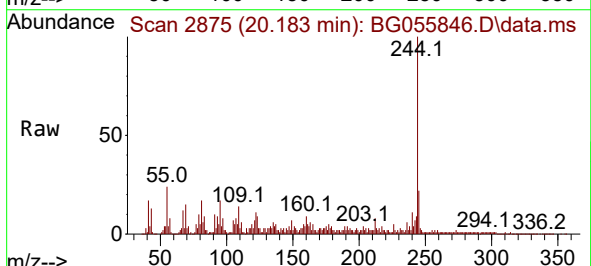
Tgt Ion:244 Resp: 633049

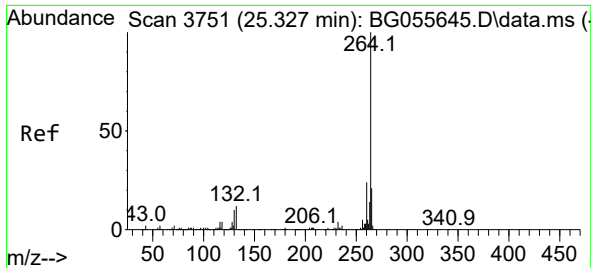
Ion Ratio Lower Upper

244 100

212 8.0 6.3 9.5

122 10.6 6.9 10.3#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.377 min Scan# 31
Delta R.T. 0.119 min
Lab File: BG055846.D
Acq: 30 Nov 2022 17:48

Instrument :
BNA_G
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Tgt Ion:264 Resp: 224358
Ion Ratio Lower Upper
264 100
260 34.4 19.5 29.3#
265 25.5 17.1 25.7

