

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG113022\
 Data File : BG055847.D
 Acq On : 30 Nov 2022 18:30
 Operator : CG/JU
 Sample : N5809-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Dec 01 02:14:09 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)

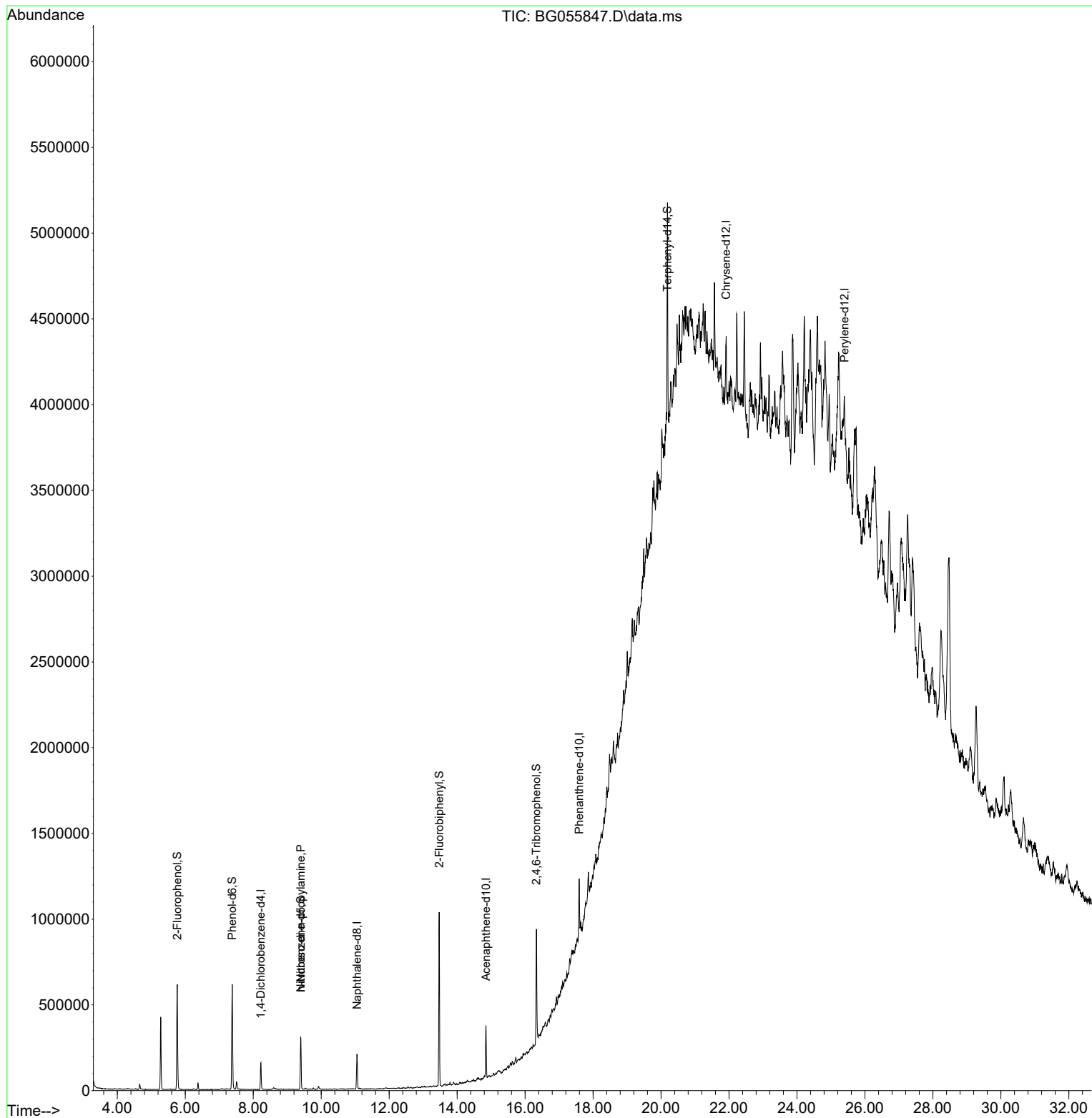
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.226	152	44341	20.000	ng	0.00
21) Naphthalene-d8	11.052	136	172932	20.000	ng	0.00
39) Acenaphthene-d10	14.847	164	110253	20.000	ng	0.00
64) Phenanthrene-d10	17.591	188	214626	20.000	ng	# 0.00
76) Chrysene-d12	21.910	240	186139	20.000	ng	# 0.03
86) Perylene-d12	25.400	264	195198	20.000	ng	# 0.14
System Monitoring Compounds						
5) 2-Fluorophenol	5.764	112	287285	117.109	ng	0.01
7) Phenol-d6	7.380	99	359607	110.122	ng	0.00
23) Nitrobenzene-d5	9.395	82	184042	56.250	ng	0.00
42) 2,4,6-Tribromophenol	16.334	330	154740	99.671	ng	0.00
45) 2-Fluorobiphenyl	13.472	172	515556	70.054	ng	0.00
79) Terphenyl-d14	20.188	244	621391	66.771	ng	0.02
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.395	70	25194	10.041	ng	# 78

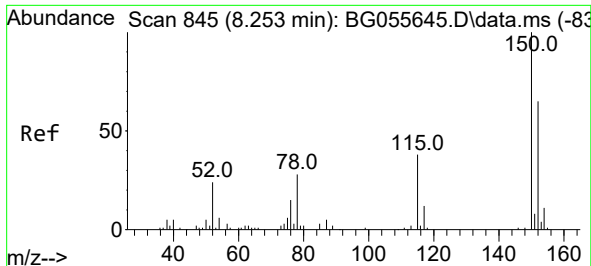
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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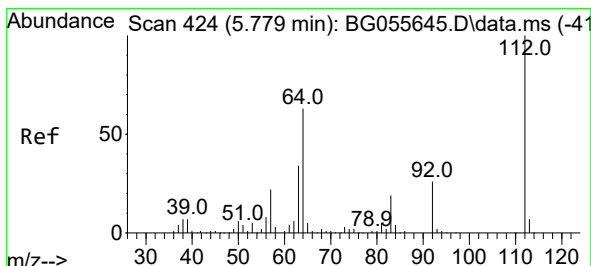
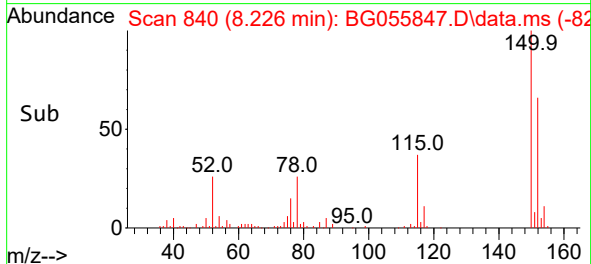
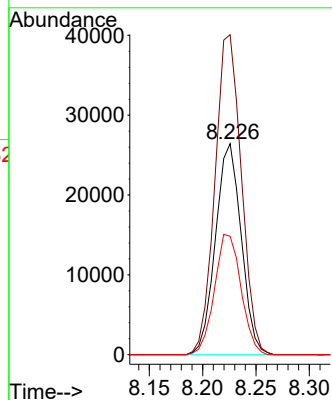
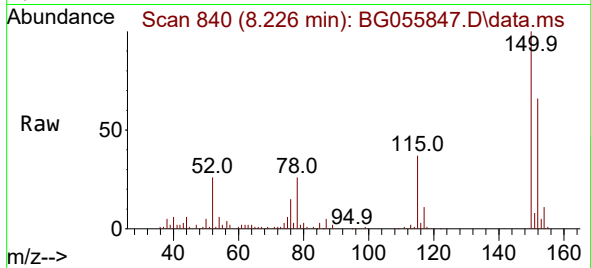




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.226 min Scan# 84
Delta R.T. 0.007 min
Lab File: BG055847.D
Acq: 30 Nov 2022 18:30

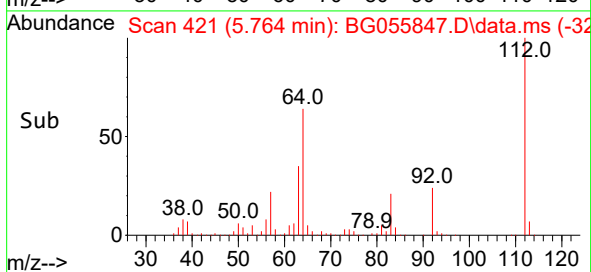
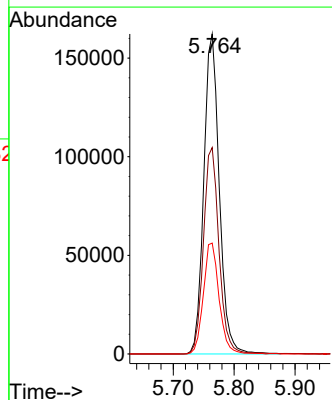
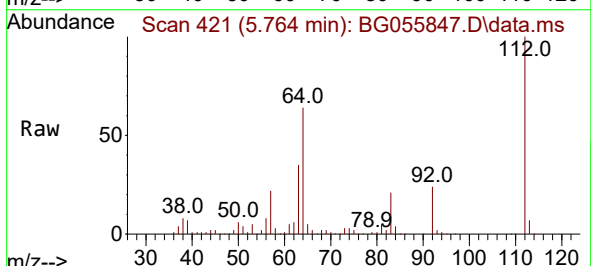
Instrument :
BNA_G
ClientSampleId :
HOWE-DRUM-C-1129

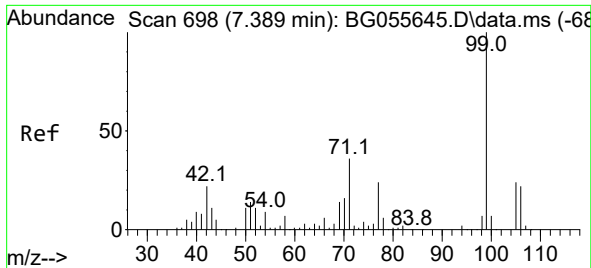
Tgt Ion:152 Resp: 44341
Ion Ratio Lower Upper
152 100
150 151.6 123.0 184.6
115 56.1 47.0 70.4



#5
2-Fluorophenol
Concen: 117.109 ng
RT: 5.764 min Scan# 421
Delta R.T. 0.012 min
Lab File: BG055847.D
Acq: 30 Nov 2022 18:30

Tgt Ion:112 Resp: 287285
Ion Ratio Lower Upper
112 100
64 64.5 50.6 76.0
63 34.7 27.5 41.3

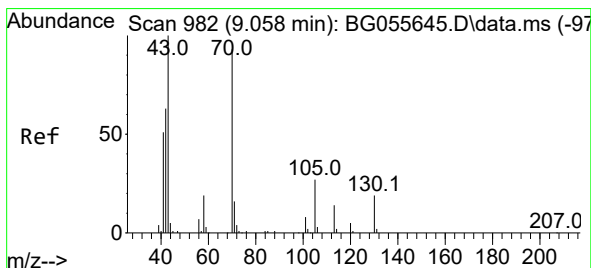
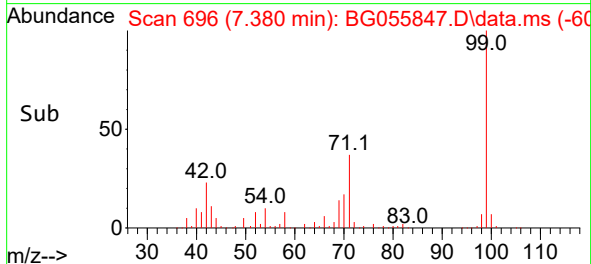
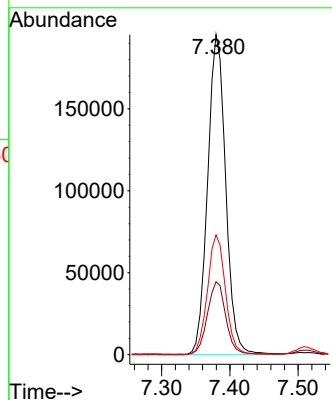
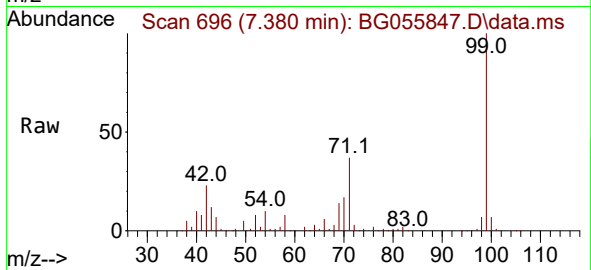




#7
Phenol-d6
Concen: 110.122 ng
RT: 7.380 min Scan# 698
Delta R.T. 0.006 min
Lab File: BG055847.D
Acq: 30 Nov 2022 18:30

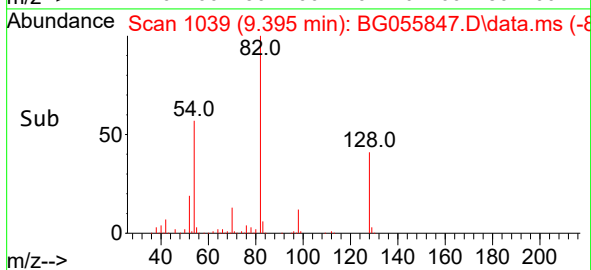
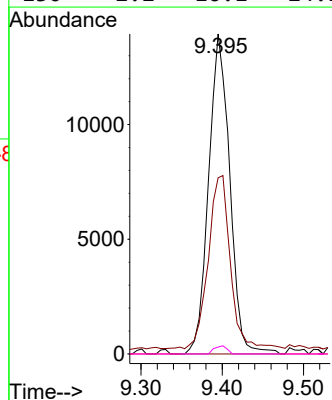
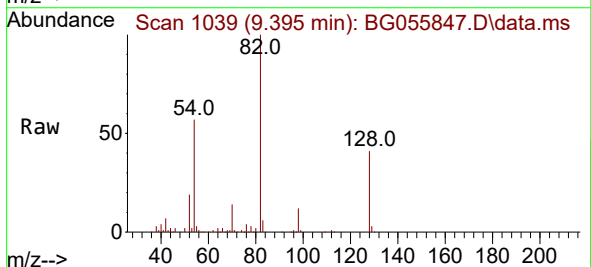
Instrument :
BNA_G
ClientSampleId :
HOWE-DRUM-C-1129

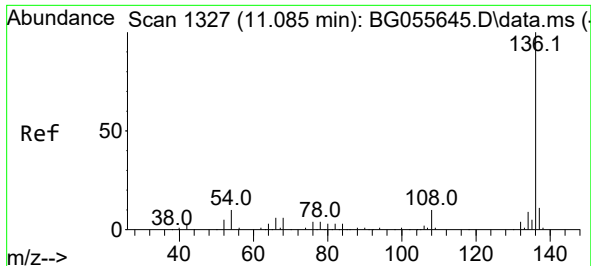
Tgt Ion: 99 Resp: 359607
Ion Ratio Lower Upper
99 100
42 22.8 18.0 27.0
71 37.5 29.0 43.6



#19
n-Nitroso-di-n-propylamine
Concen: 10.041 ng
RT: 9.395 min Scan# 1039
Delta R.T. 0.371 min
Lab File: BG055847.D
Acq: 30 Nov 2022 18:30

Tgt Ion: 70 Resp: 25194
Ion Ratio Lower Upper
70 100
42 55.1 55.2 82.8#
101 0.0 7.1 10.7#
130 2.2 16.1 24.1#

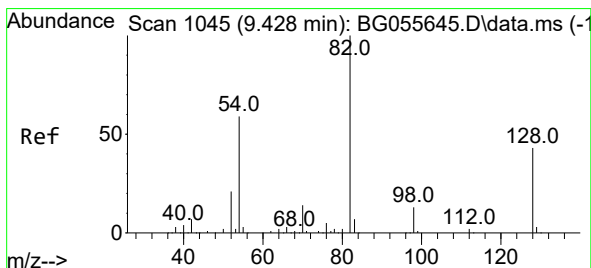
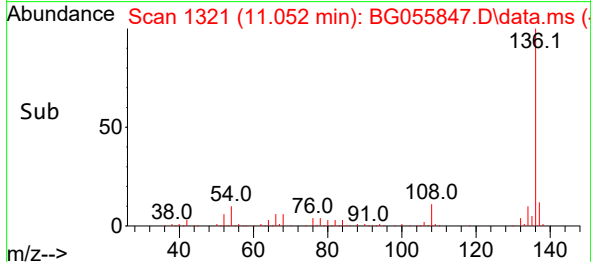
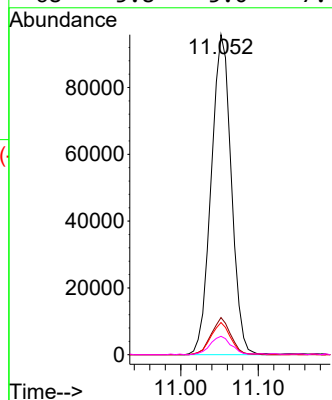
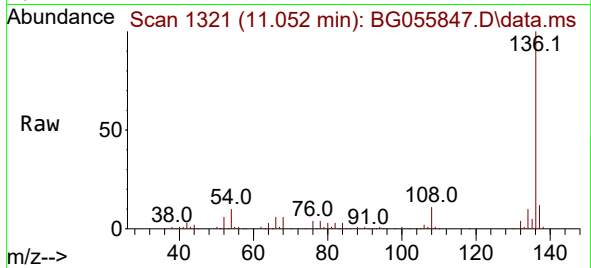




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.052 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG055847.D
Acq: 30 Nov 2022 18:30

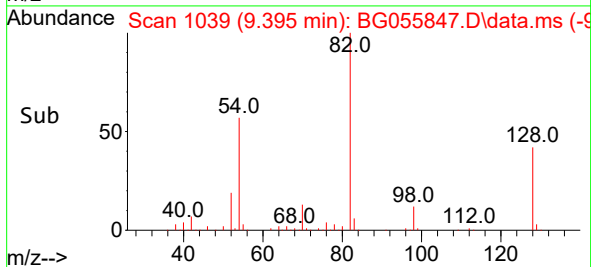
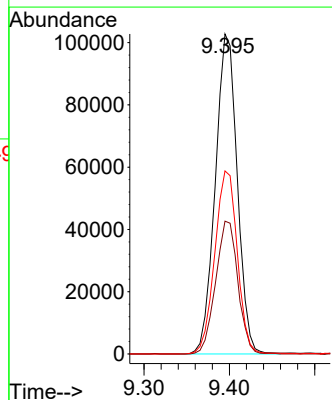
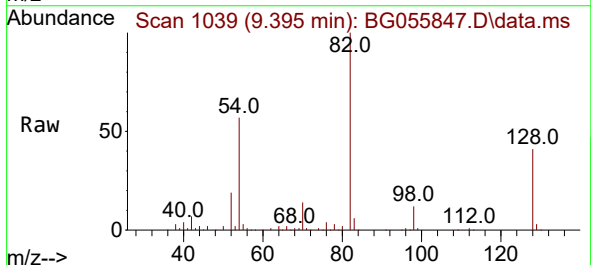
Instrument :
BNA_G
ClientSampleId :
HOWE-DRUM-C-1129

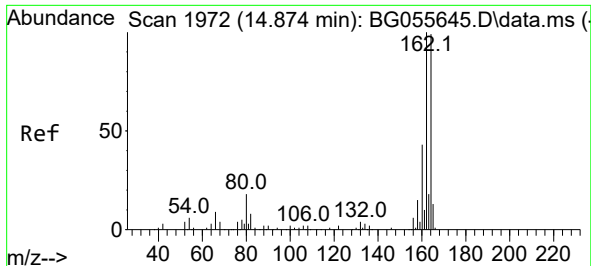
Tgt Ion:	136	Resp:	172932
Ion Ratio	Lower	Upper	
136	100		
137	11.6	9.0	13.6
54	10.0	7.8	11.6
68	5.8	5.0	7.4



#23
Nitrobenzene-d5
Concen: 56.250 ng
RT: 9.395 min Scan# 1039
Delta R.T. 0.001 min
Lab File: BG055847.D
Acq: 30 Nov 2022 18:30

Tgt Ion:	82	Resp:	184042
Ion Ratio	Lower	Upper	
82	100		
128	41.5	34.1	51.1
54	57.2	47.3	70.9

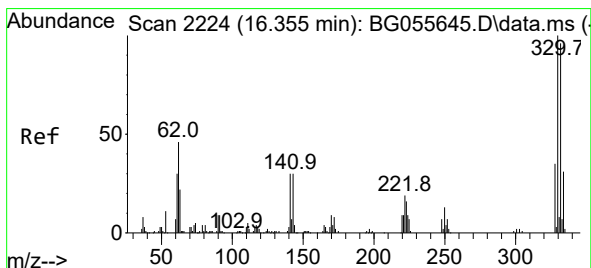
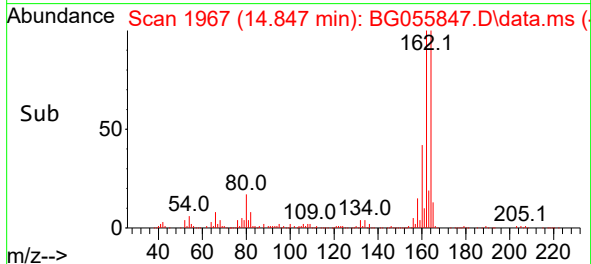
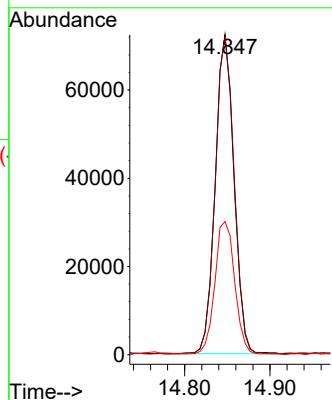
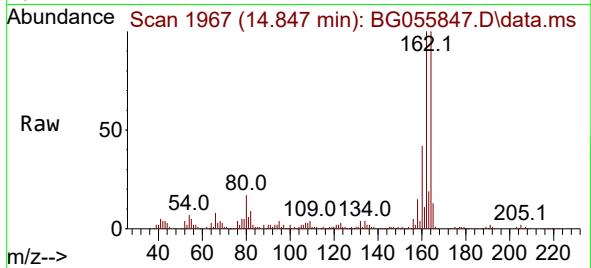




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.847 min Scan# 1972
Delta R.T. 0.001 min
Lab File: BG055847.D
Acq: 30 Nov 2022 18:30

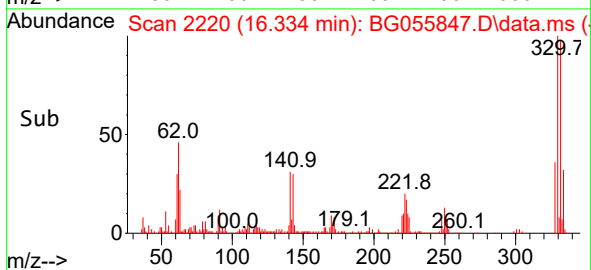
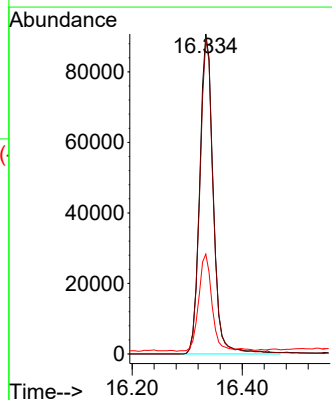
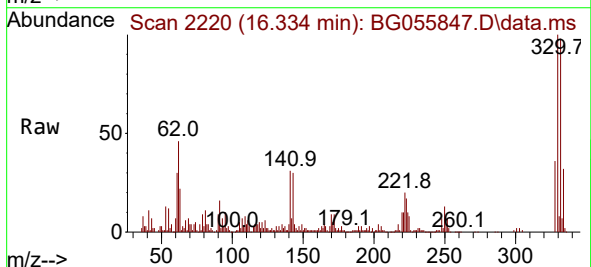
Instrument :
BNA_G
ClientSampleId :
HOWE-DRUM-C-1129

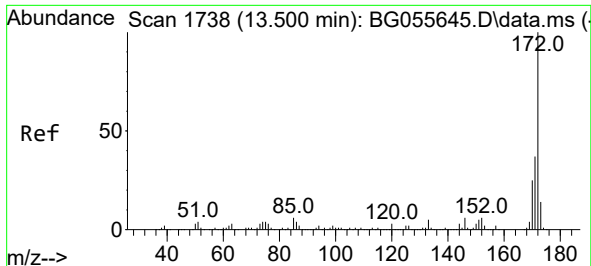
Tgt Ion:164 Resp: 110253
Ion Ratio Lower Upper
164 100
162 99.5 81.1 121.7
160 41.6 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 99.671 ng
RT: 16.334 min Scan# 2220
Delta R.T. 0.006 min
Lab File: BG055847.D
Acq: 30 Nov 2022 18:30

Tgt Ion:330 Resp: 154740
Ion Ratio Lower Upper
330 100
332 97.1 77.8 116.8
141 29.2 23.9 35.9

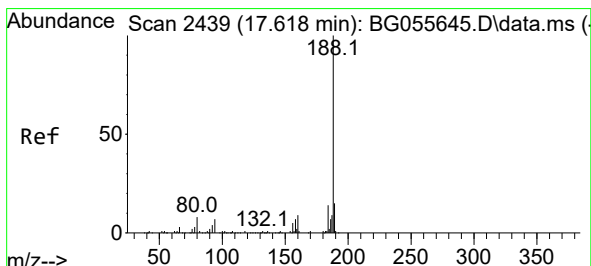
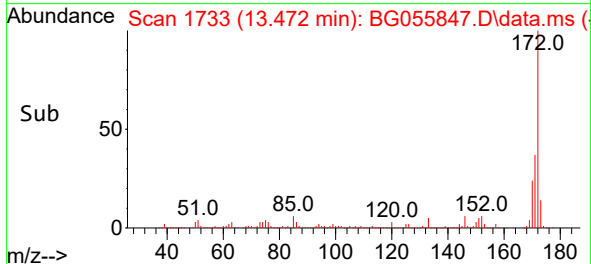
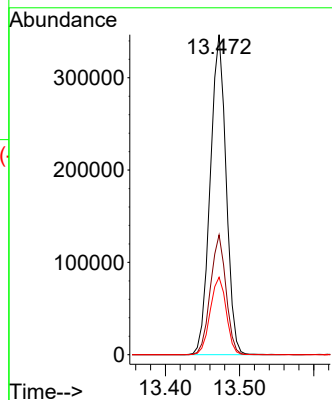
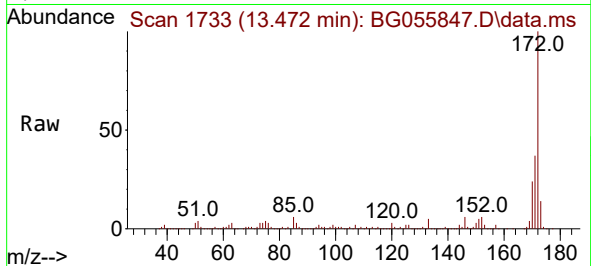




#45
2-Fluorobiphenyl
Concen: 70.054 ng
RT: 13.472 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG055847.D
Acq: 30 Nov 2022 18:30

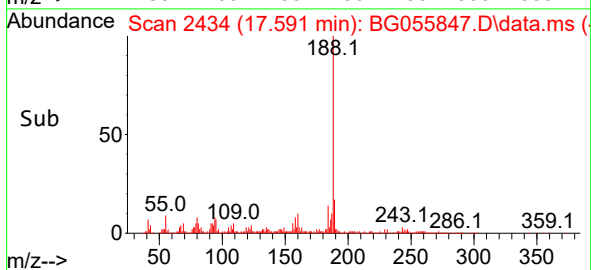
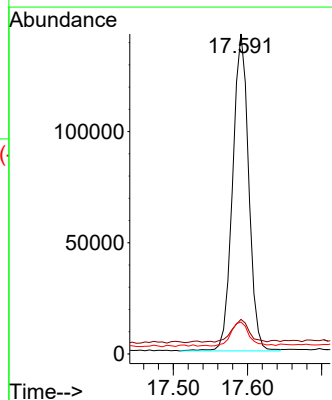
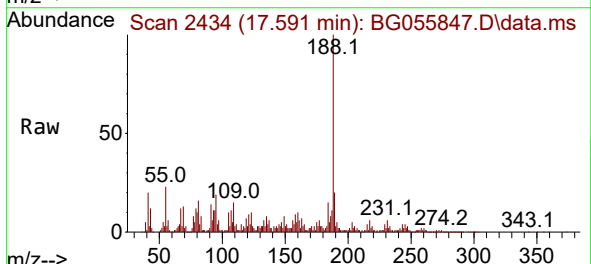
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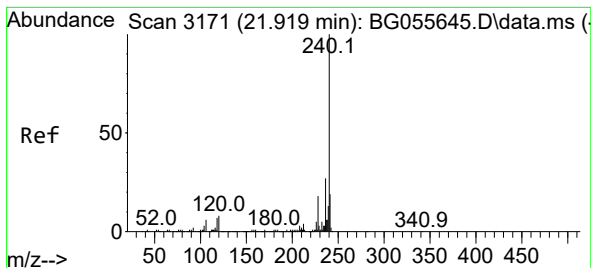
Tgt Ion:172 Resp: 515556
Ion Ratio Lower Upper
172 100
171 37.5 29.8 44.6
170 24.2 20.2 30.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.591 min Scan# 2434
Delta R.T. 0.006 min
Lab File: BG055847.D
Acq: 30 Nov 2022 18:30

Tgt Ion:188 Resp: 214626
Ion Ratio Lower Upper
188 100
94 10.8 5.4 8.2#
80 9.9 6.6 10.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.910 min Scan# 3171

Delta R.T. 0.030 min

Lab File: BG055847.D

Acq: 30 Nov 2022 18:30

Instrument :

BNA_G

ClientSampleId :

HOWE-DRUM-C-1129

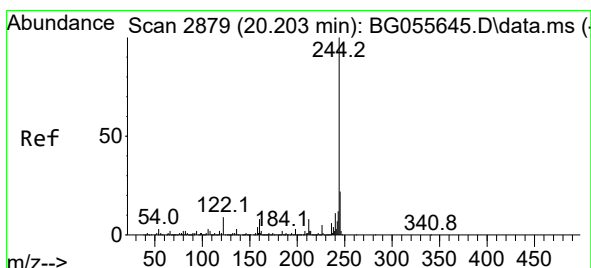
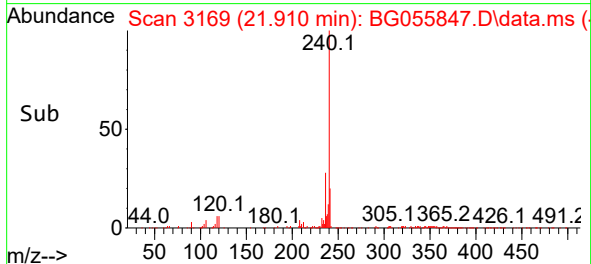
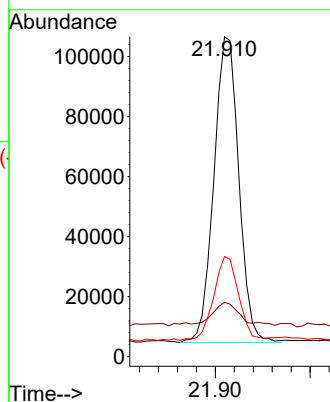
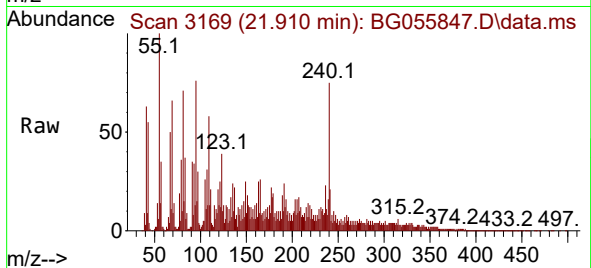
Tgt Ion:240 Resp: 186139

Ion Ratio Lower Upper

240 100

120 17.0 6.3 9.5#

236 31.3 21.9 32.9



#79

Terphenyl-d14

Concen: 66.771 ng

RT: 20.188 min Scan# 2876

Delta R.T. 0.018 min

Lab File: BG055847.D

Acq: 30 Nov 2022 18:30

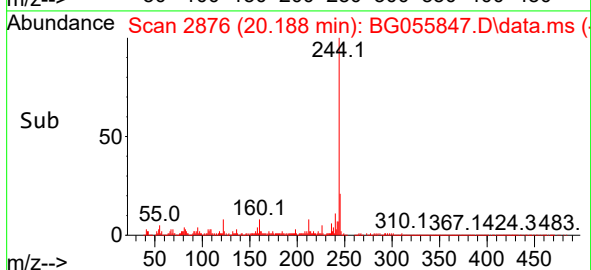
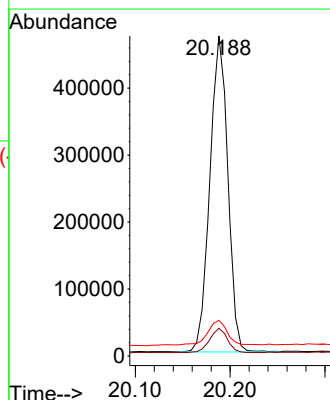
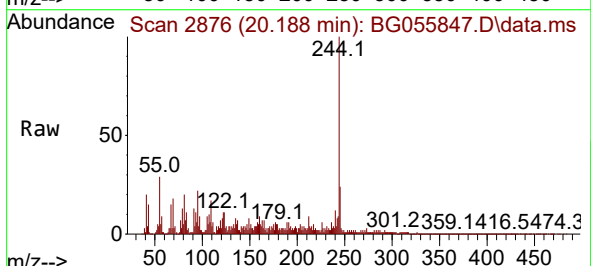
Tgt Ion:244 Resp: 621391

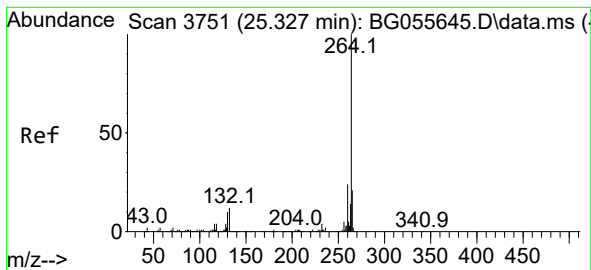
Ion Ratio Lower Upper

244 100

212 8.6 6.3 9.5

122 11.2 6.9 10.3#





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.400 min Scan# 31

Delta R.T. 0.142 min

Lab File: BG055847.D

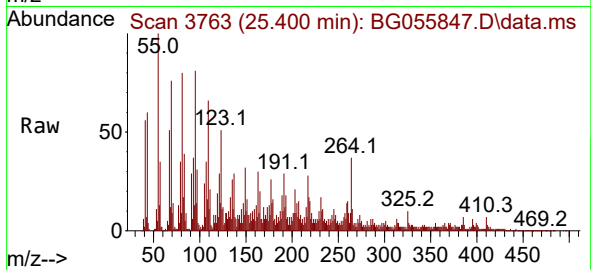
Acq: 30 Nov 2022 18:30

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BNA_G

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HOWE-DRUM-C-1129



Tgt Ion:264 Resp: 195198

Ion Ratio Lower Upper

264 100

260 42.0 19.5 29.3#

265 31.2 17.1 25.7#

