

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG113022\
 Data File : BG055849.D
 Acq On : 30 Nov 2022 19:53
 Operator : CG/JU
 Sample : N5809-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Dec 01 02:14:39 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)

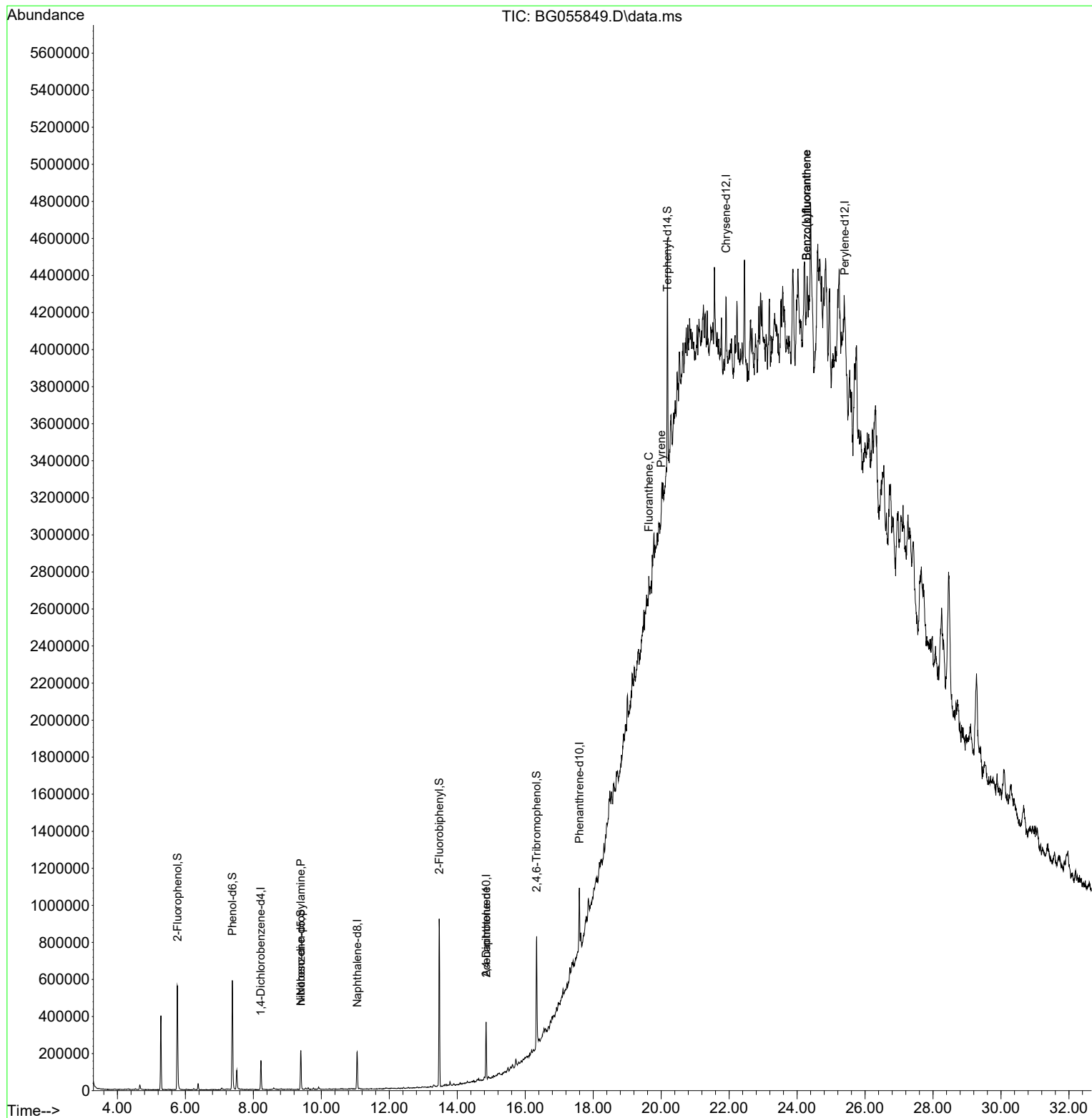
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.223	152	44315	20.000	ng	0.00
21) Naphthalene-d8	11.055	136	174394	20.000	ng	0.00
39) Acenaphthene-d10	14.850	164	111088	20.000	ng	0.00
64) Phenanthrene-d10	17.594	188	220762	20.000	ng	# 0.00
76) Chrysene-d12	21.913	240	192607	20.000	ng	# 0.03
86) Perylene-d12	25.403	264	192236	20.000	ng	# 0.14
System Monitoring Compounds						
5) 2-Fluorophenol	5.767	112	274241	111.857	ng	0.02
7) Phenol-d6	7.383	99	345208	105.775	ng	0.00
23) Nitrobenzene-d5	9.398	82	121733	36.894	ng	0.00
42) 2,4,6-Tribromophenol	16.337	330	148370	94.850	ng	0.00
45) 2-Fluorobiphenyl	13.470	172	487253	65.711	ng	0.00
79) Terphenyl-d14	20.185	244	597937	62.093	ng	0.02
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.398	70	17094	6.817	ng	# 84
57) 2,4-Dinitrotoluene	14.850	165	14836	5.811	ng	# 25
75) Fluoranthene	19.639	202	46356	3.198	ng	# 47
78) Pyrene	20.003	202	45835	3.516	ng	# 47
88) Benzo(b)fluoranthene	24.280	252	37462	2.992	ng	# 1
89) Benzo(k)fluoranthene	24.280	252	37462	3.002	ng	# 1

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG113022\
Data File : BG055849.D
Acq On : 30 Nov 2022 19:53
Operator : CG/JU
Sample : N5809-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Dec 01 02:14:39 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG11622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 01 02:10:33 2022
Response via : Initial Calibration

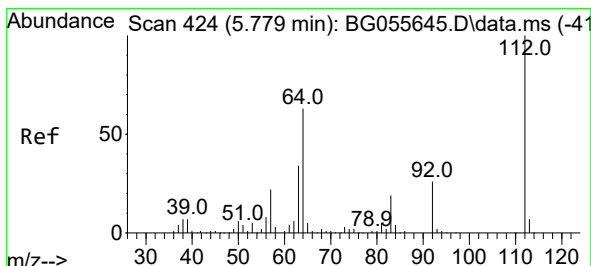
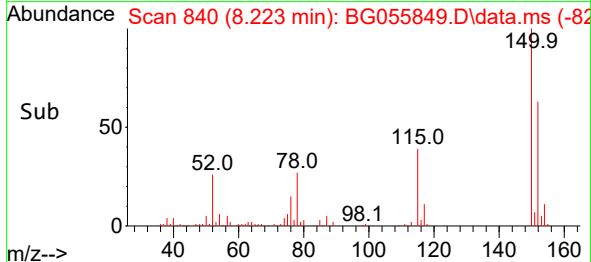
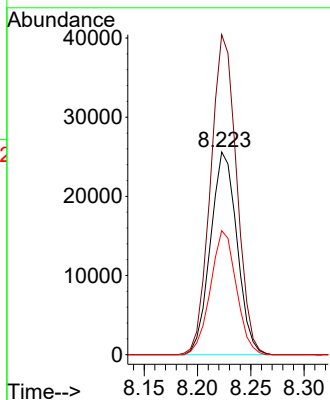
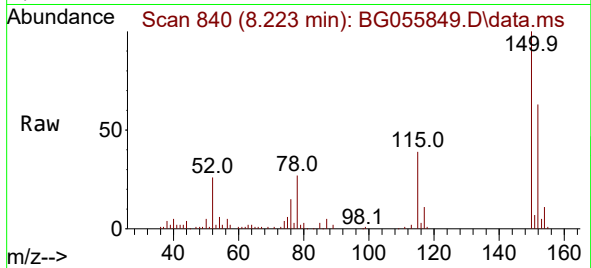




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.223 min Scan# 84
Delta R.T. 0.004 min
Lab File: BG055849.D
Acq: 30 Nov 2022 19:53

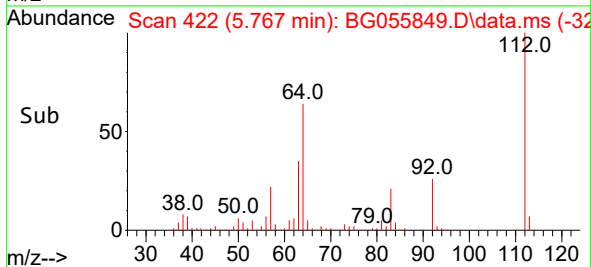
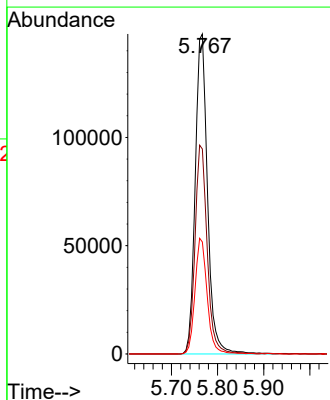
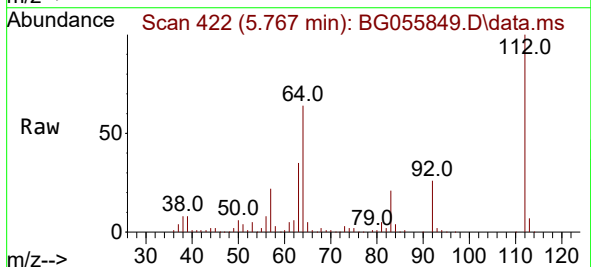
Instrument :
BNA_G
ClientSampleId :
HOWE-DRUM-A-1129

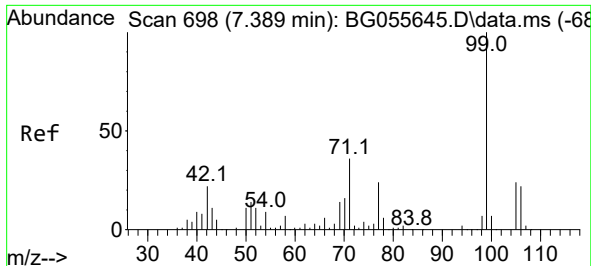
Tgt Ion:152 Resp: 44315
Ion Ratio Lower Upper
152 100
150 157.9 123.0 184.6
115 61.2 47.0 70.4



#5
2-Fluorophenol
Concen: 111.857 ng
RT: 5.767 min Scan# 422
Delta R.T. 0.015 min
Lab File: BG055849.D
Acq: 30 Nov 2022 19:53

Tgt Ion:112 Resp: 274241
Ion Ratio Lower Upper
112 100
64 64.0 50.6 76.0
63 35.0 27.5 41.3

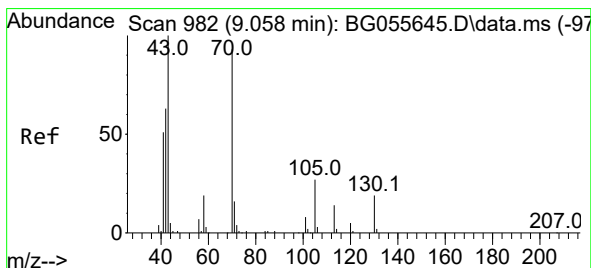
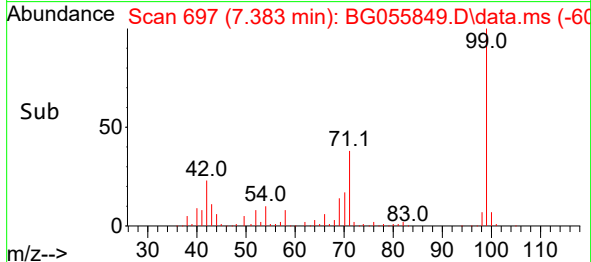
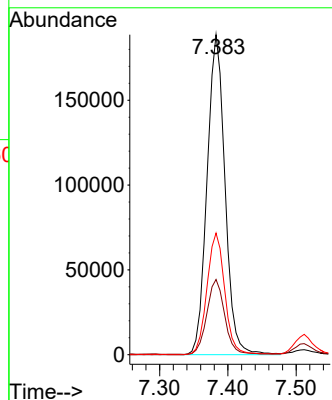
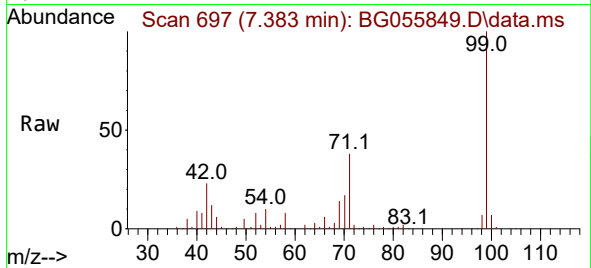




#7
Phenol-d6
Concen: 105.775 ng
RT: 7.383 min Scan# 61
Delta R.T. 0.009 min
Lab File: BG055849.D
Acq: 30 Nov 2022 19:53

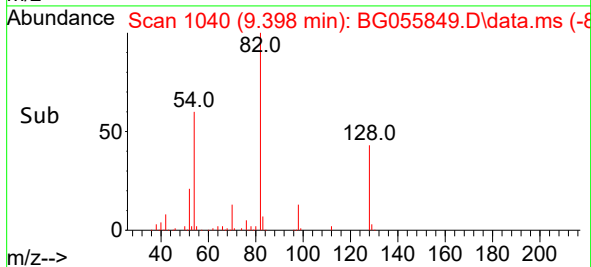
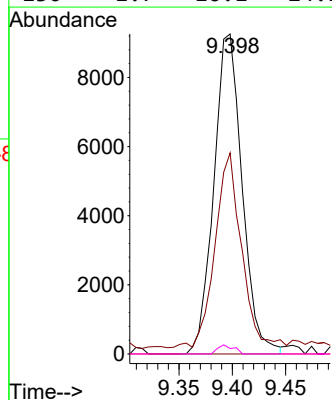
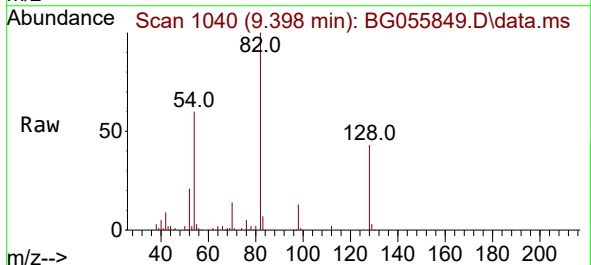
Instrument :
BNA_G
ClientSampleId :
HOWE-DRUM-A-1129

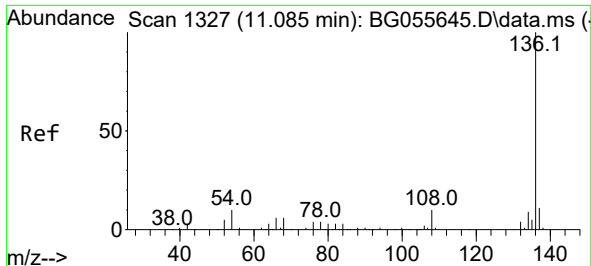
Tgt Ion: 99 Resp: 345208
Ion Ratio Lower Upper
99 100
42 23.5 18.0 27.0
71 38.0 29.0 43.6



#19
n-Nitroso-di-n-propylamine
Concen: 6.817 ng
RT: 9.398 min Scan# 1040
Delta R.T. 0.374 min
Lab File: BG055849.D
Acq: 30 Nov 2022 19:53

Tgt Ion: 70 Resp: 17094
Ion Ratio Lower Upper
70 100
42 62.9 55.2 82.8
101 0.0 7.1 10.7#
130 1.7 16.1 24.1#

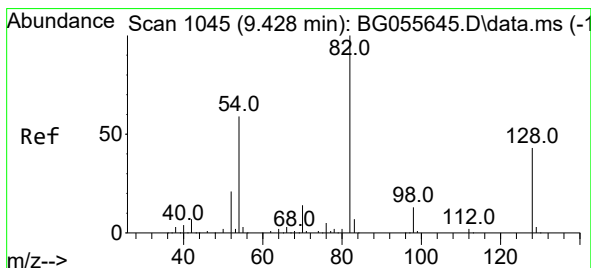
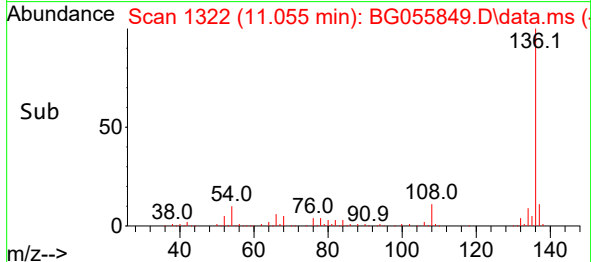
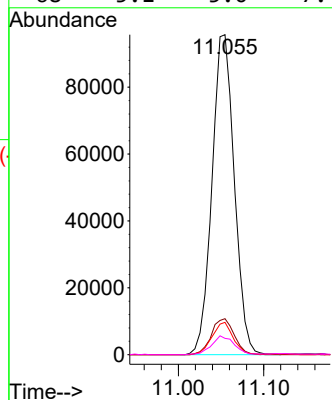
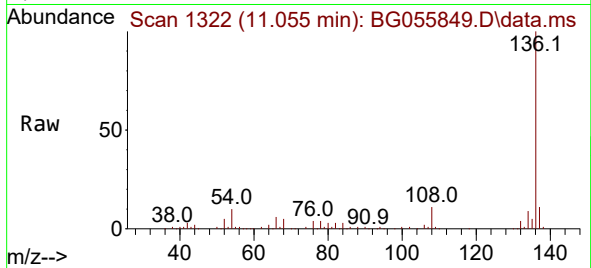




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.055 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG055849.D
Acq: 30 Nov 2022 19:53

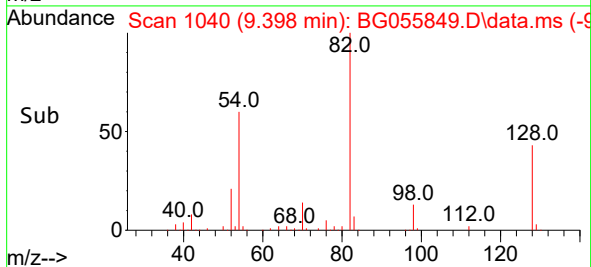
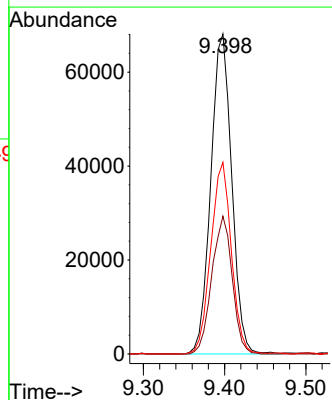
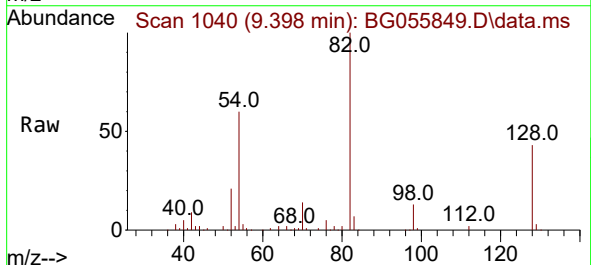
Instrument :
BNA_G
ClientSampleId :
HOWE-DRUM-A-1129

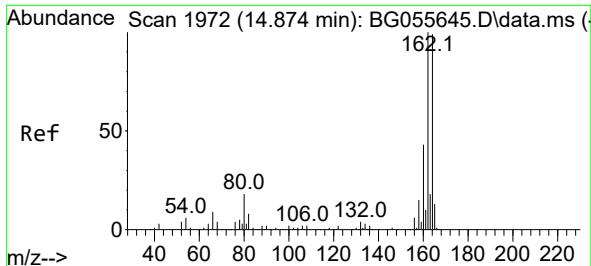
Tgt Ion:	136	Resp:	174394
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.0	13.6
54	10.1	7.8	11.6
68	5.1	5.0	7.4



#23
Nitrobenzene-d5
Concen: 36.894 ng
RT: 9.398 min Scan# 1040
Delta R.T. 0.003 min
Lab File: BG055849.D
Acq: 30 Nov 2022 19:53

Tgt Ion:	82	Resp:	121733
Ion Ratio	Lower	Upper	
82	100		
128	43.0	34.1	51.1
54	59.9	47.3	70.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.850 min Scan# 1968

Delta R.T. 0.003 min

Lab File: BG055849.D

Acq: 30 Nov 2022 19:53

Instrument :

BNA_G

ClientSampleId :

HOWE-DRUM-A-1129

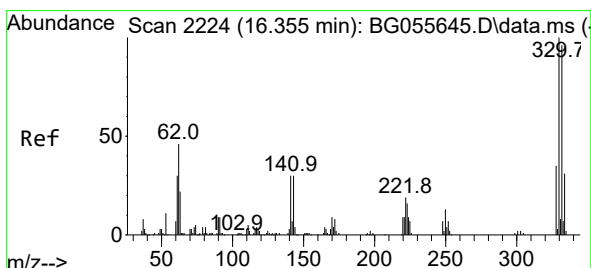
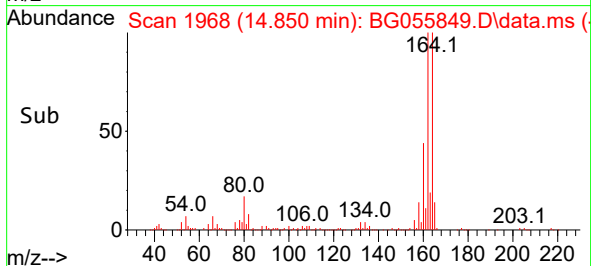
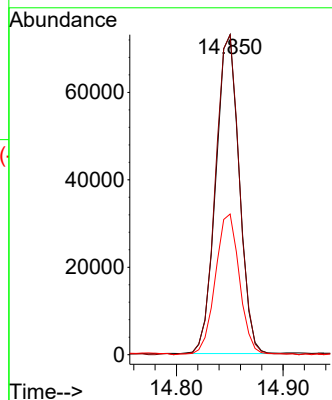
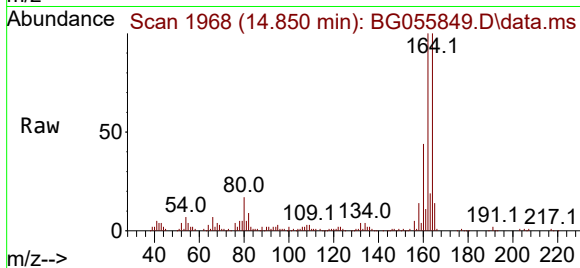
Tgt Ion:164 Resp: 111088

Ion Ratio Lower Upper

164 100

162 100.0 81.1 121.7

160 43.9 34.8 52.2



#42

2,4,6-Tribromophenol

Concen: 94.850 ng

RT: 16.337 min Scan# 2221

Delta R.T. 0.009 min

Lab File: BG055849.D

Acq: 30 Nov 2022 19:53

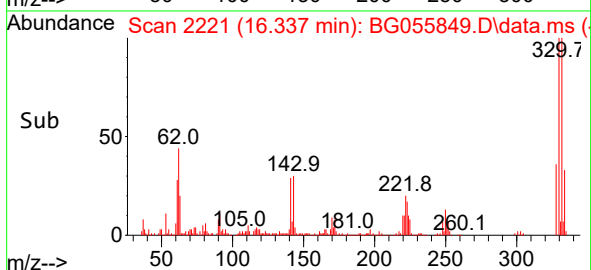
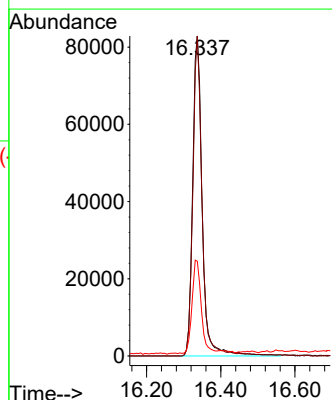
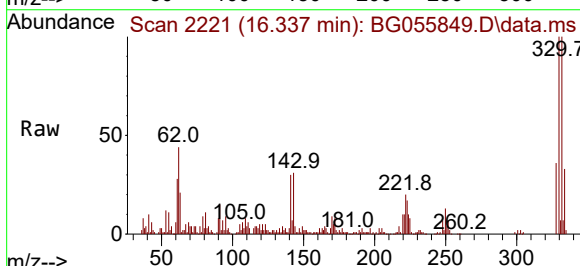
Tgt Ion:330 Resp: 148370

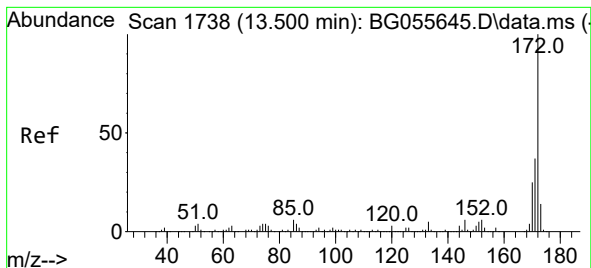
Ion Ratio Lower Upper

330 100

332 94.5 77.8 116.8

141 28.1 23.9 35.9

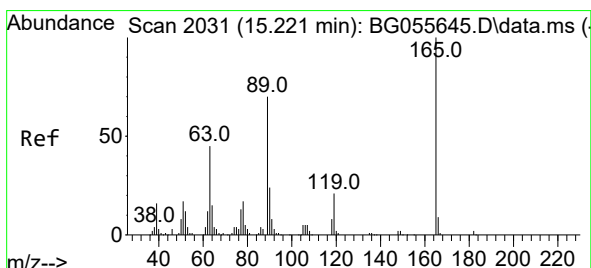
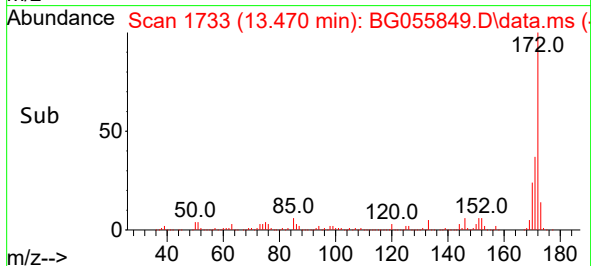
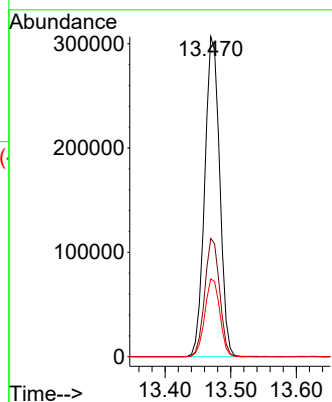
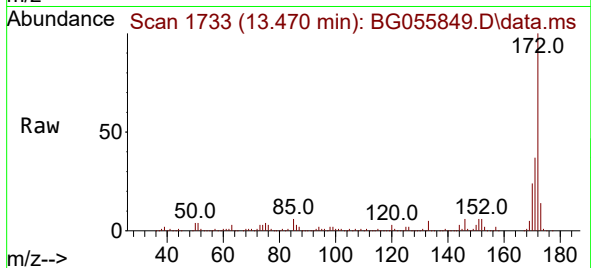




#45
2-Fluorobiphenyl
Concen: 65.711 ng
RT: 13.470 min Scan# 1733
Delta R.T. -0.002 min
Lab File: BG055849.D
Acq: 30 Nov 2022 19:53

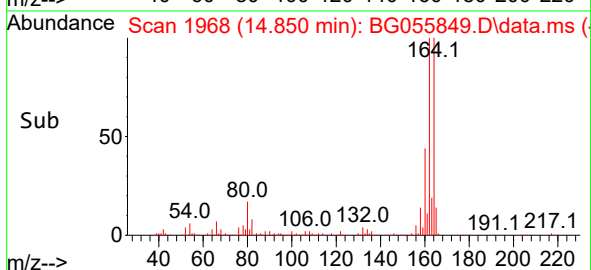
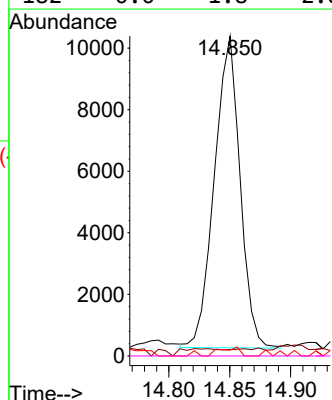
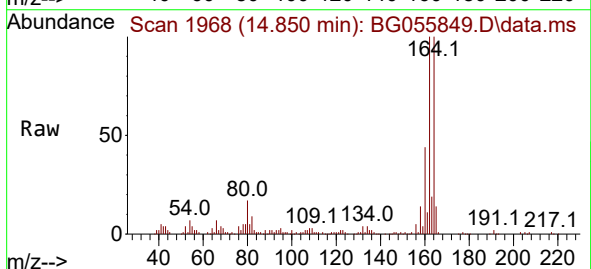
Instrument :
BNA_G
ClientSampleId :
HOWE-DRUM-A-1129

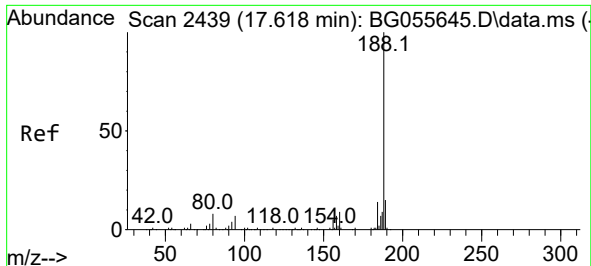
Tgt Ion:172 Resp: 487253
Ion Ratio Lower Upper
172 100
171 37.0 29.8 44.6
170 24.3 20.2 30.4



#57
2,4-Dinitrotoluene
Concen: 5.811 ng
RT: 14.850 min Scan# 1968
Delta R.T. -0.349 min
Lab File: BG055849.D
Acq: 30 Nov 2022 19:53

Tgt Ion:165 Resp: 14836
Ion Ratio Lower Upper
165 100
63 2.0 35.8 53.8#
89 1.8 56.2 84.4#
182 0.0 1.8 2.8#

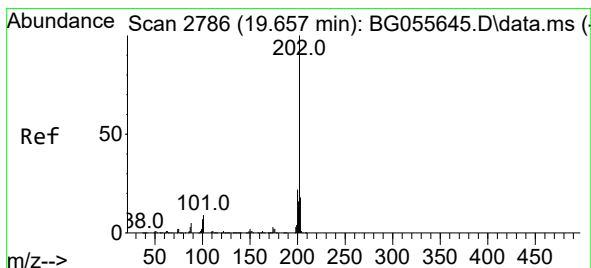
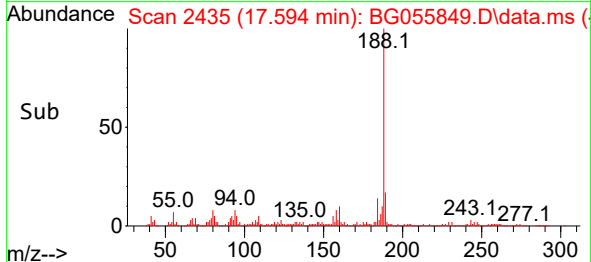
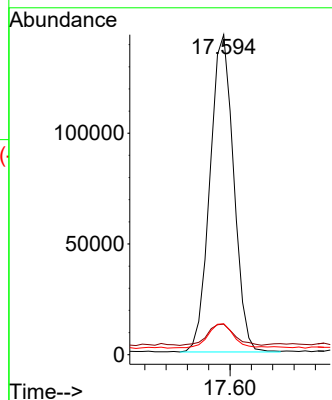
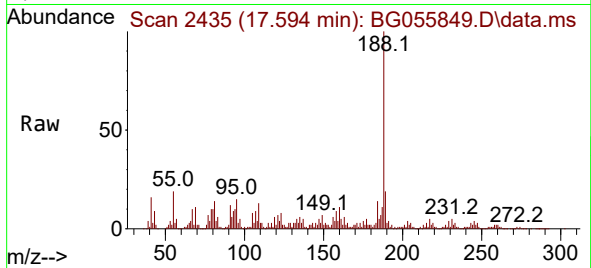




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.594 min Scan# 24
Delta R.T. 0.009 min
Lab File: BG055849.D
Acq: 30 Nov 2022 19:53

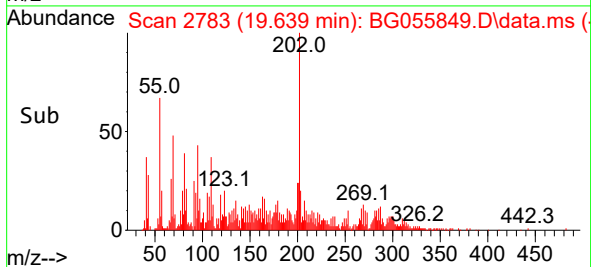
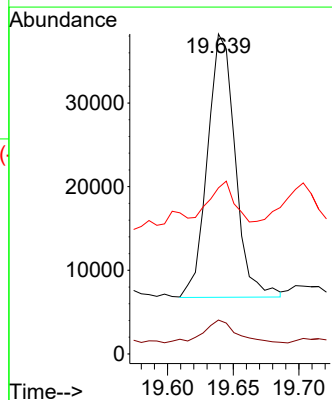
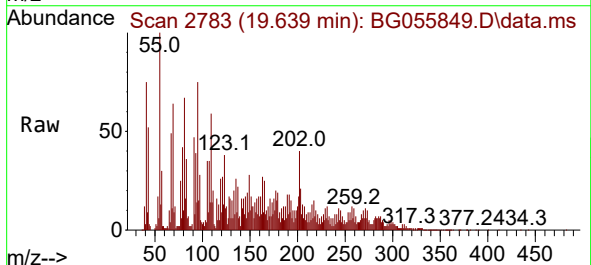
Instrument :
BNA_G
ClientSampleId :
HOWE-DRUM-A-1129

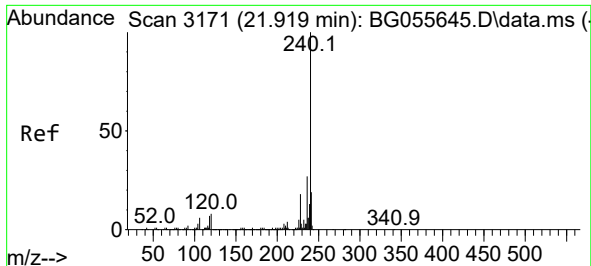
Tgt Ion:188 Resp: 220762
Ion Ratio Lower Upper
188 100
94 9.6 5.4 8.2#
80 9.7 6.6 10.0



#75
Fluoranthene
Concen: 3.198 ng
RT: 19.639 min Scan# 2783
Delta R.T. 0.015 min
Lab File: BG055849.D
Acq: 30 Nov 2022 19:53

Tgt Ion:202 Resp: 46356
Ion Ratio Lower Upper
202 100
101 10.6 0.0 28.8
203 51.9 0.0 38.1#

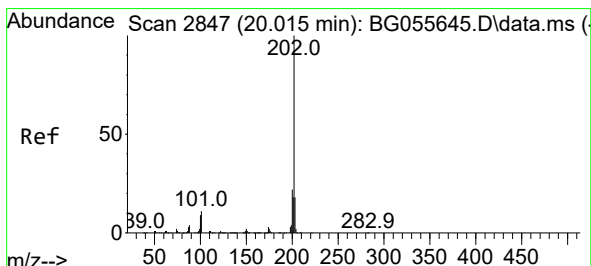
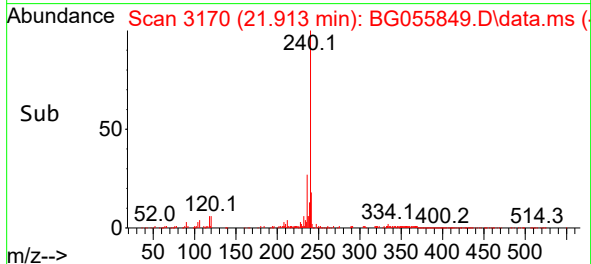
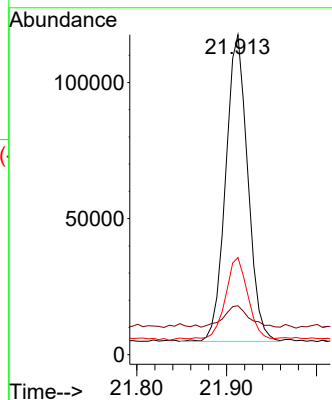
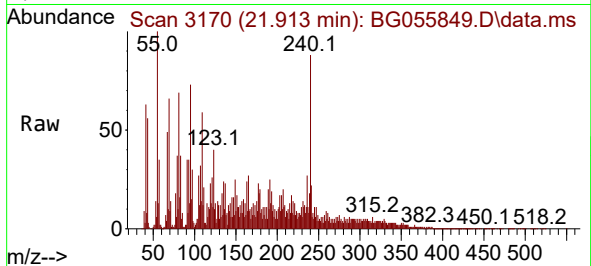




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.913 min Scan# 3171
Delta R.T. 0.033 min
Lab File: BG055849.D
Acq: 30 Nov 2022 19:53

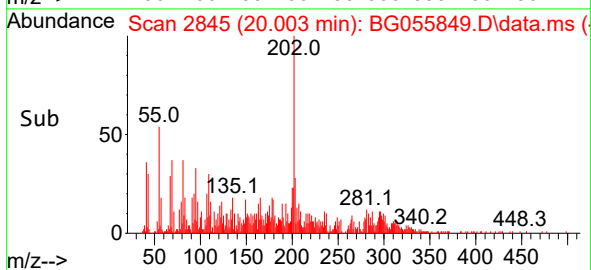
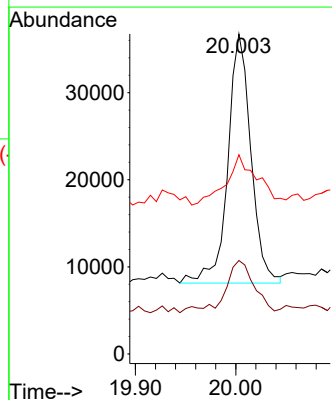
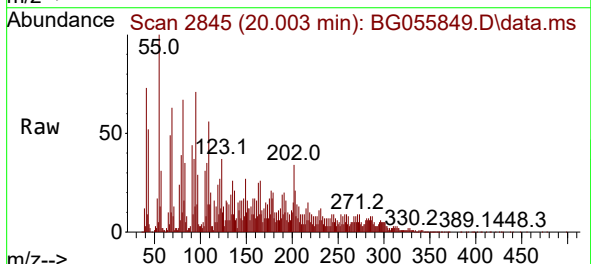
Instrument :
BNA_G
ClientSampleId :
HOWE-DRUM-A-1129

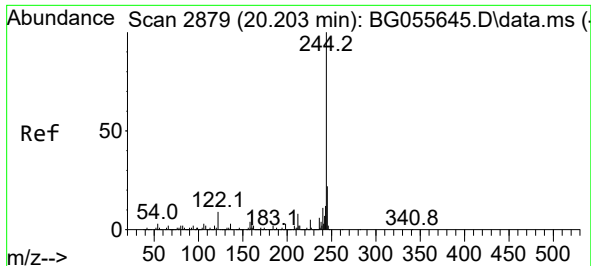
Tgt Ion:240 Resp: 192607
Ion Ratio Lower Upper
240 100
120 15.3 6.3 9.5#
236 30.3 21.9 32.9



#78
Pyrene
Concen: 3.516 ng
RT: 20.003 min Scan# 2845
Delta R.T. 0.015 min
Lab File: BG055849.D
Acq: 30 Nov 2022 19:53

Tgt Ion:202 Resp: 45835
Ion Ratio Lower Upper
202 100
200 29.2 17.8 26.6#
203 62.3 14.4 21.6#

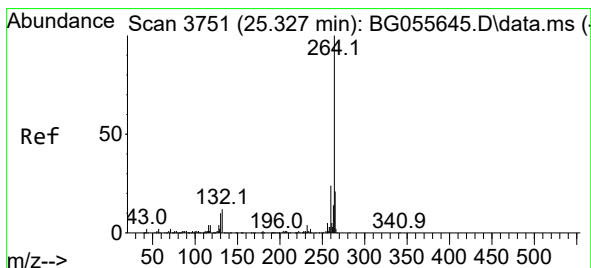
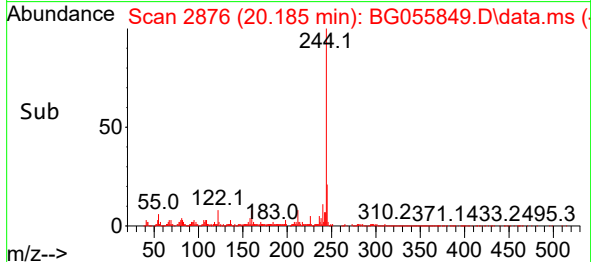
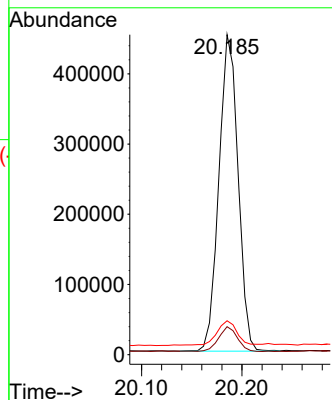
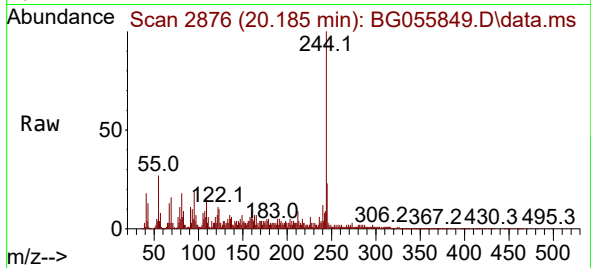




#79
 Terphenyl-d14
 Concen: 62.093 ng
 RT: 20.185 min Scan# 21
 Delta R.T. 0.015 min
 Lab File: BG055849.D
 Acq: 30 Nov 2022 19:53

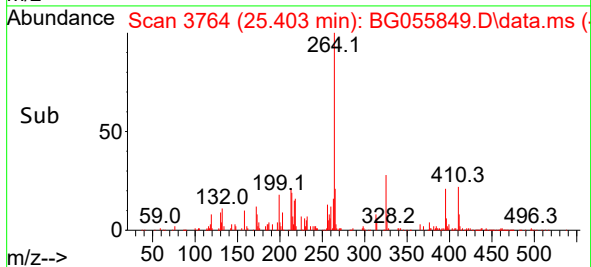
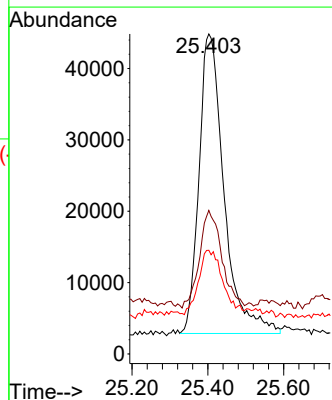
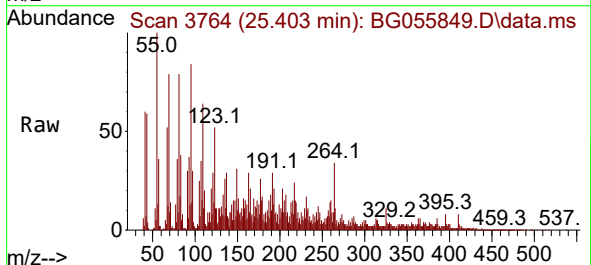
Instrument :
 BNA_G
 ClientSampleId :
 HOWE-DRUM-A-1129

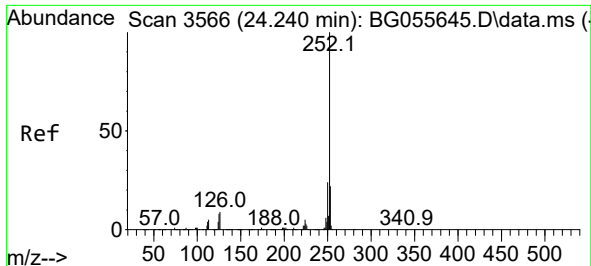
Tgt Ion:244 Resp: 597937
 Ion Ratio Lower Upper
 244 100
 212 8.8 6.3 9.5
 122 10.6 6.9 10.3#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.403 min Scan# 3764
 Delta R.T. 0.144 min
 Lab File: BG055849.D
 Acq: 30 Nov 2022 19:53

Tgt Ion:264 Resp: 192236
 Ion Ratio Lower Upper
 264 100
 260 44.9 19.5 29.3#
 265 32.4 17.1 25.7#

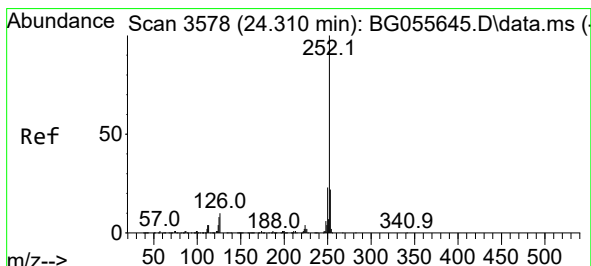
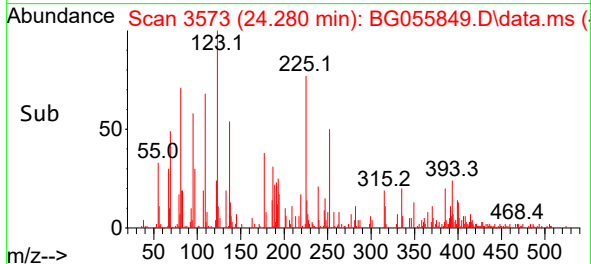
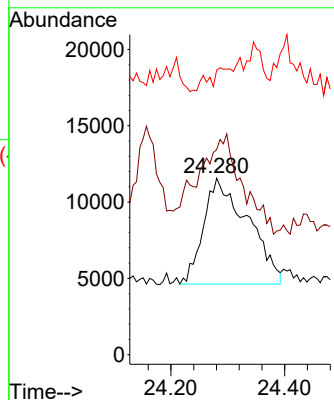
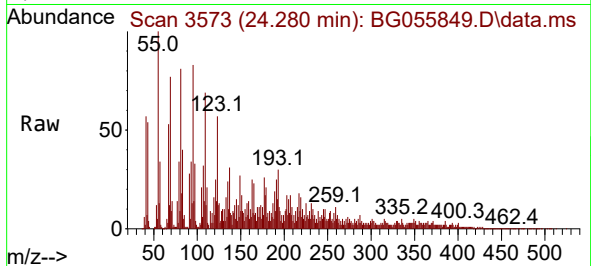




#88
Benzo(b)fluoranthene
Concen: 2.992 ng
RT: 24.280 min Scan# 3573
Delta R.T. 0.103 min
Lab File: BG055849.D
Acq: 30 Nov 2022 19:53

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

Tgt Ion:252 Resp: 37462
Ion Ratio Lower Upper
252 100
253 116.3 18.0 27.0#
125 161.2 6.2 9.2#



#89
Benzo(k)fluoranthene
Concen: 3.002 ng
RT: 24.280 min Scan# 3573
Delta R.T. 0.027 min
Lab File: BG055849.D
Acq: 30 Nov 2022 19:53

Tgt Ion:252 Resp: 37462
Ion Ratio Lower Upper
252 100
253 116.3 17.8 26.6#
125 161.2 6.1 9.1#

