

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)

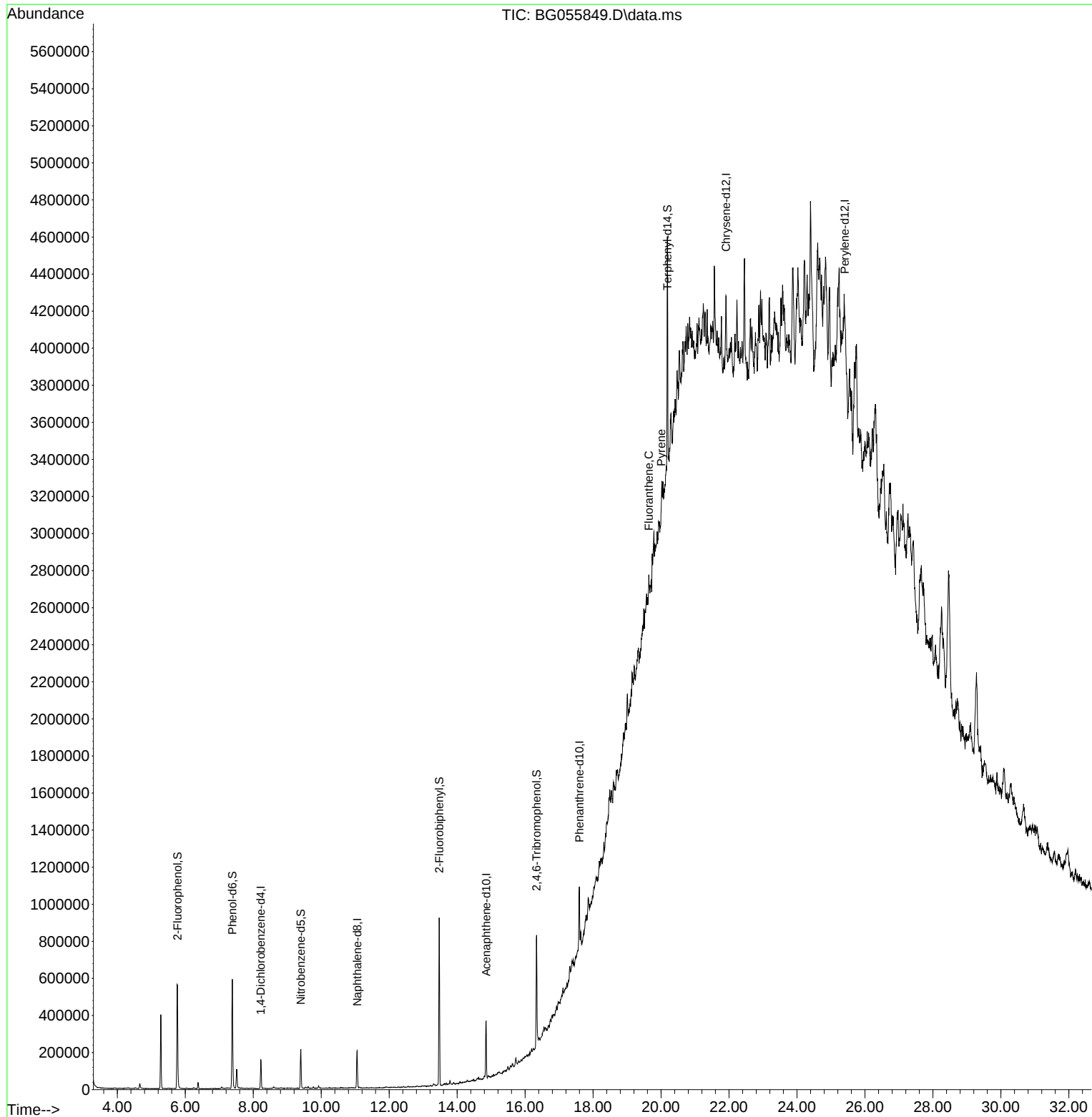
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.223	152	44315	20.000	ng	0.00
21) Naphthalene-d8	11.055	136	174394	20.000	ng	0.00
39) Acenaphthene-d10	14.850	164	111088	20.000	ng	0.00
64) Phenanthrene-d10	17.594	188	220762	20.000	ng	# 0.00
76) Chrysene-d12	21.913	240	192607	20.000	ng	# 0.03
86) Perylene-d12	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
75) Fluoranthene	19.639	202	46356	3.198	ng	# 47
78) Pyrene	20.003	202	45835	3.516	ng	# 47

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

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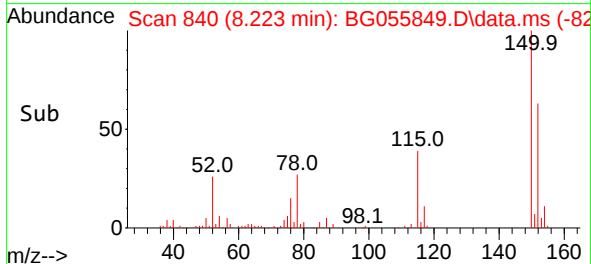
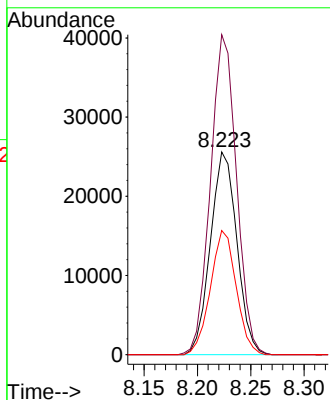
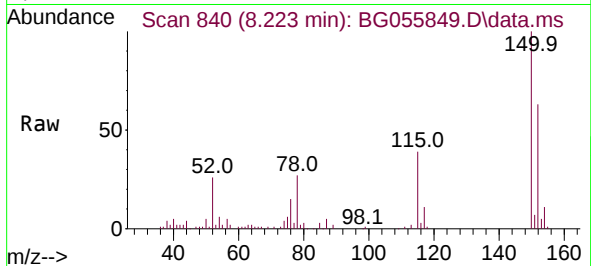




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.223 min Scan# 84
Delta R.T. 0.004 min
Lab File: BG055849.D
Acq: 30 Nov 2022 19:53

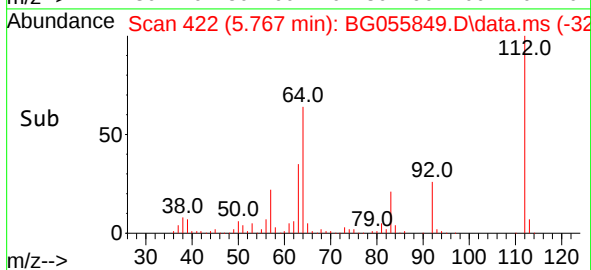
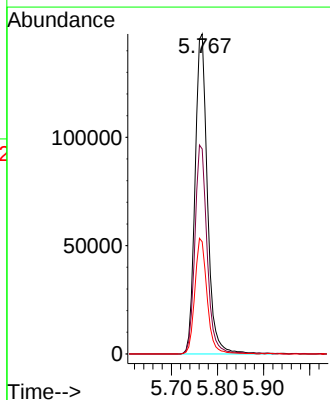
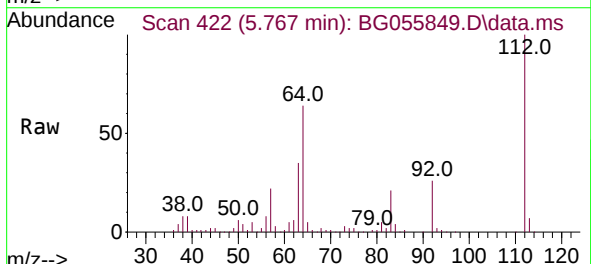
Instrument :
BNA_G
ClientSampleId :
HOWE-DRUM-A-1129

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

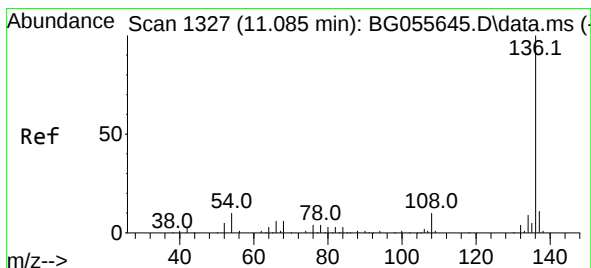
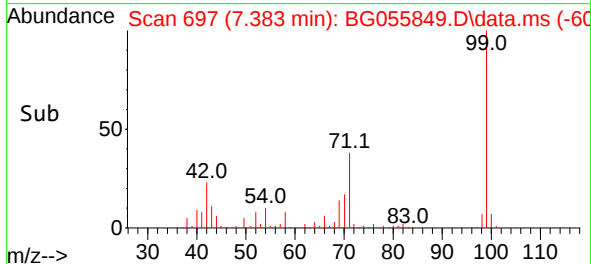
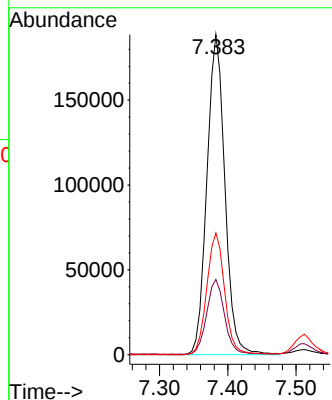
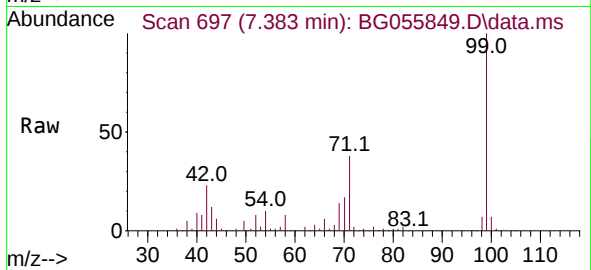




#7
Phenol-d6
Concen: 105.775 ng
RT: 7.383 min Scan# 69
Delta R.T. 0.009 min
Lab File: BG055849.D
Acq: 30 Nov 2022 19:53

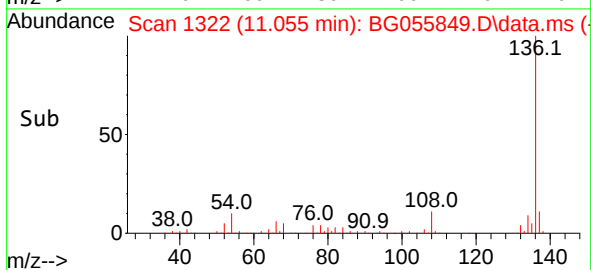
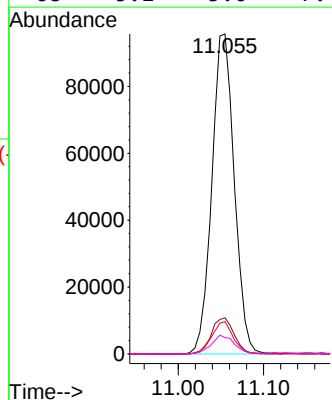
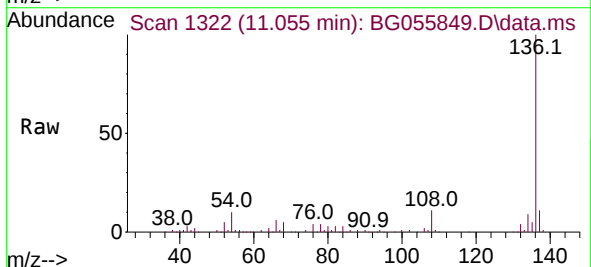
Instrument :
BNA_G
ClientSampleId :
HOWE-DRUM-A-1129

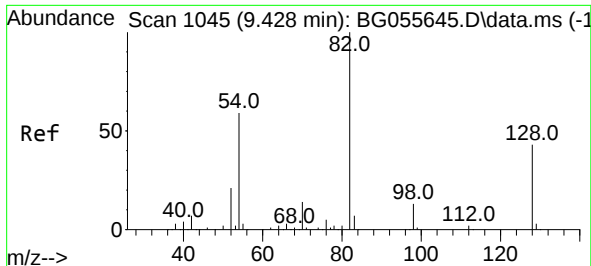
Tgt Ion: 99 Resp: 345208
Ion Ratio Lower Upper
99 100
42 23.5 18.0 27.0
71 38.0 29.0 43.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.055 min Scan# 1322
Delta R.T. 0.003 min
Lab File: BG055849.D
Acq: 30 Nov 2022 19:53

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

Instrument :

BNA_G

ClientSampleId :

HOWE-DRUM-A-1129

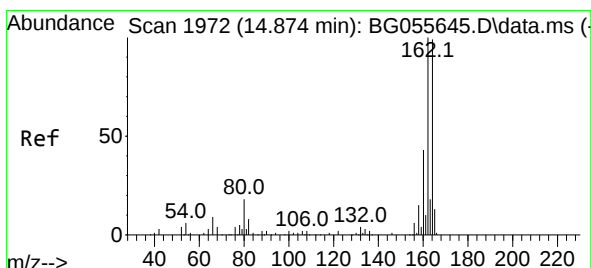
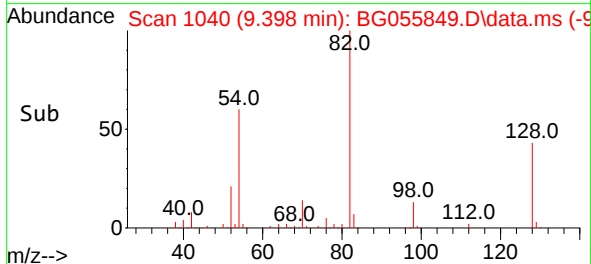
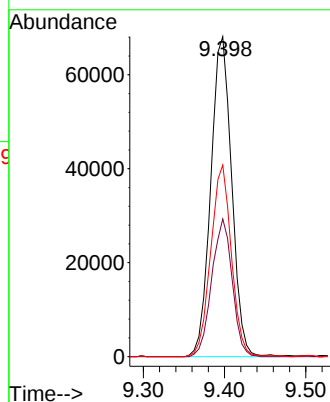
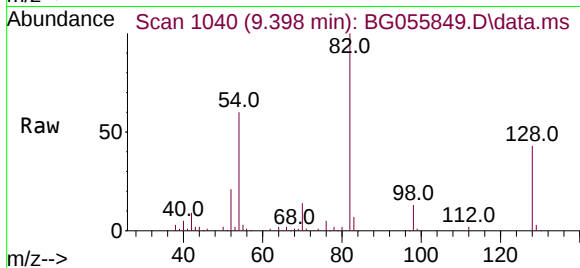
Tgt Ion: 82 Resp: 121733

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

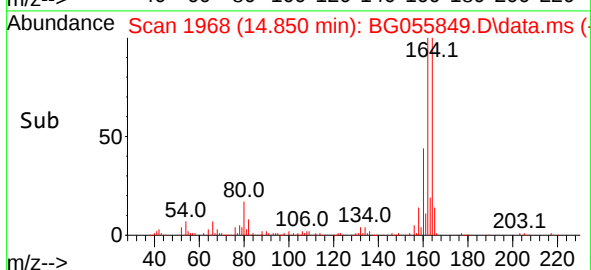
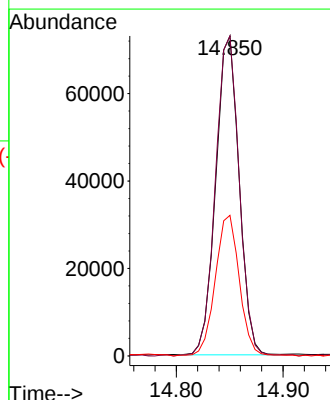
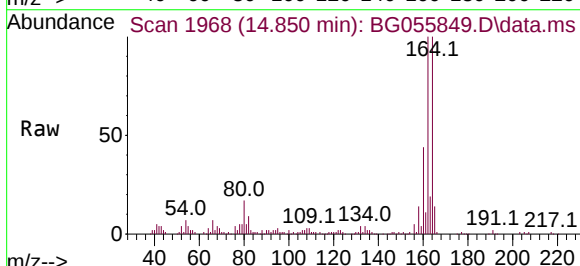
Tgt Ion: 164 Resp: 111088

Ion Ratio Lower Upper

164 100

162 100.0 81.1 121.7

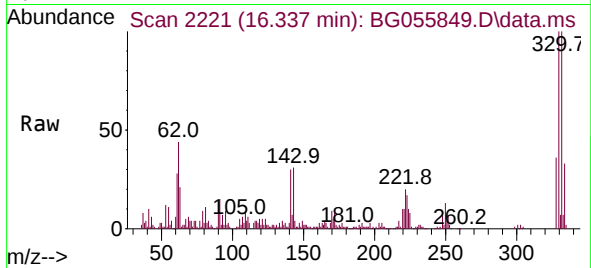
160 43.9 34.8 52.2



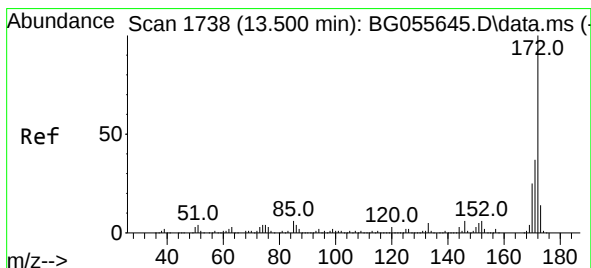
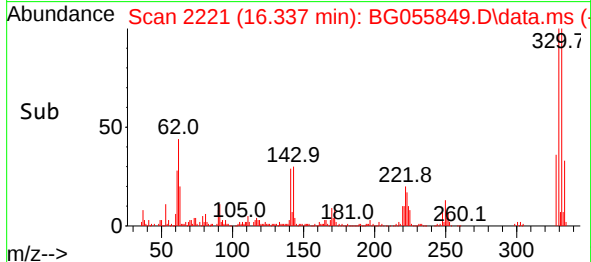
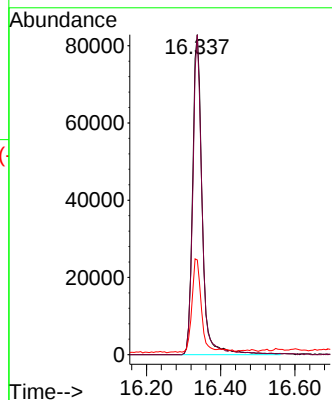


#42
2,4,6-Tribromophenol
Concen: 94.850 ng
RT: 16.337 min Scan# 21
Delta R.T. 0.009 min
Lab File: BG055849.D
Acq: 30 Nov 2022 19:53

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

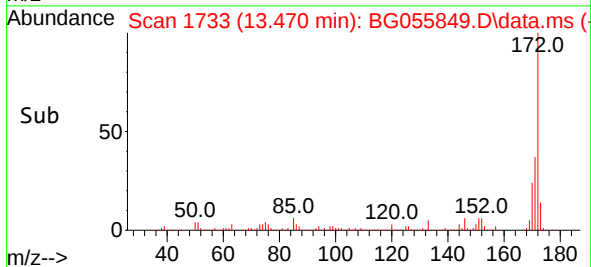
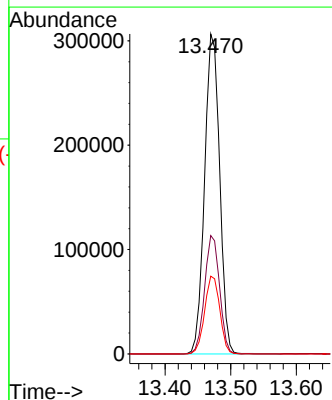
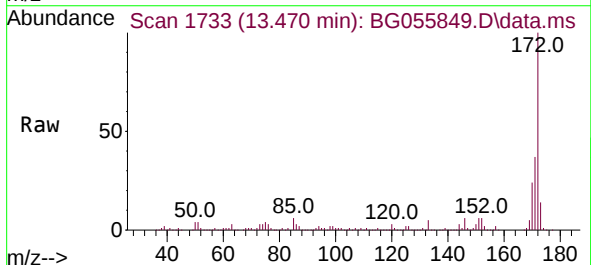


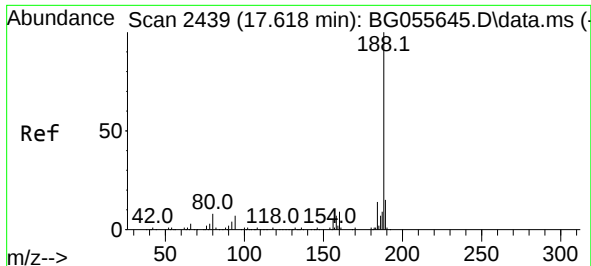
Tgt Ion:330 Resp: 148370
Ion Ratio Lower Upper
330 100
332 94.5 77.8 116.8
141 28.1 23.9 35.9



#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

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

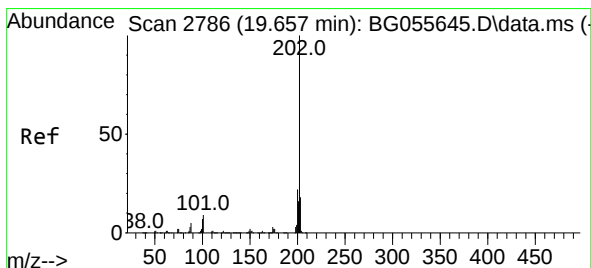
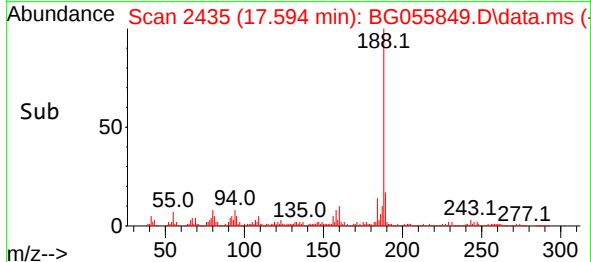
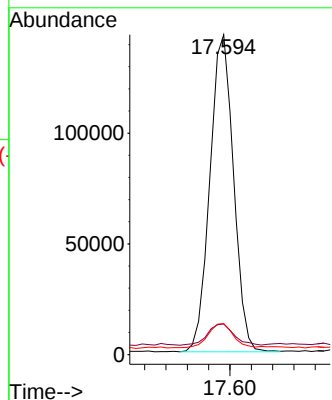
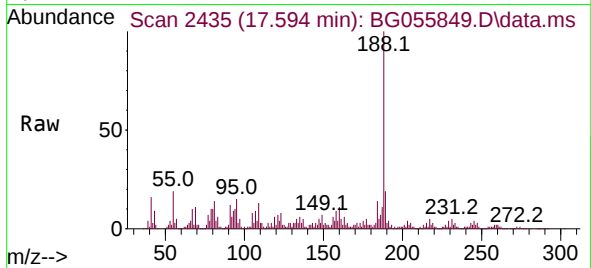




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.594 min Scan# 24
Delta R.T. 0.009 min
Lab File: BG055849.D
Acq: 30 Nov 2022 19:53

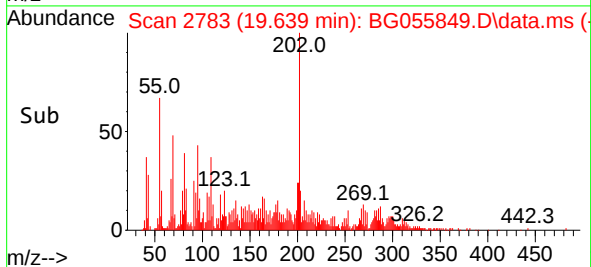
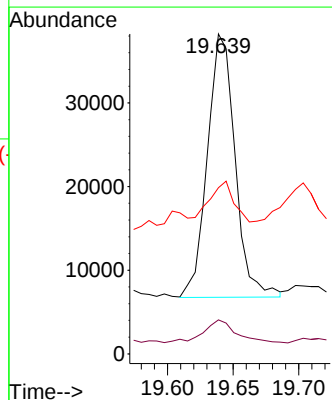
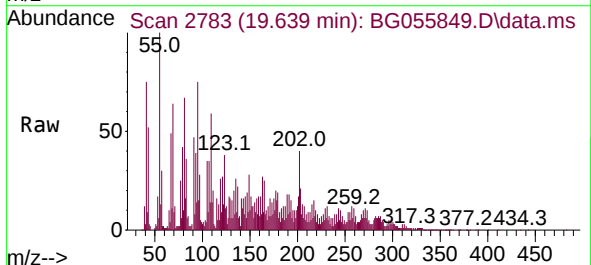
Instrument :
BNA_G
ClientSampleId :
HOWE-DRUM-A-1129

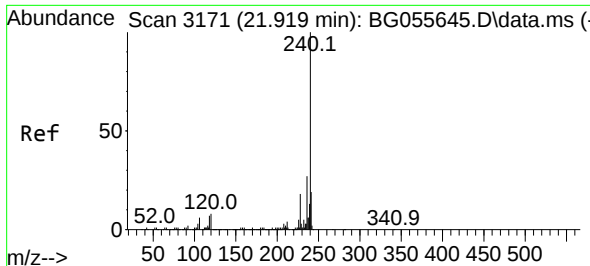
Tgt Ion:188 Resp: 220762
Ion Ratio Lower Upper
188 100
94 9.6 5.4 8.2#
80 9.7 6.6 10.0



#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#

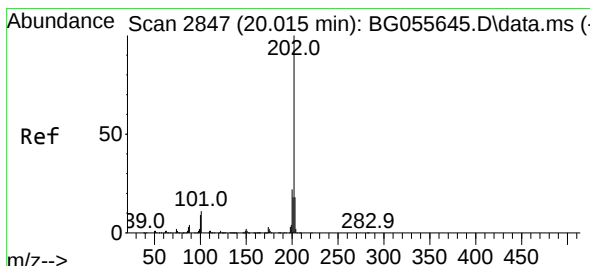
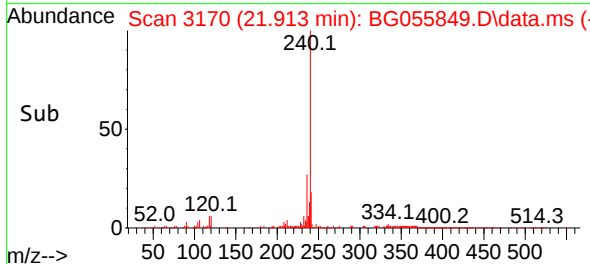
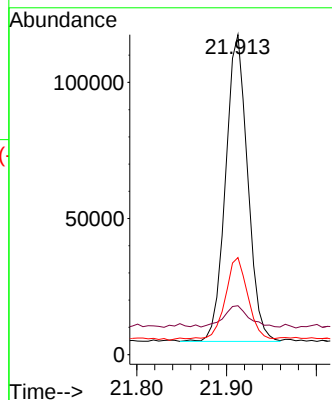
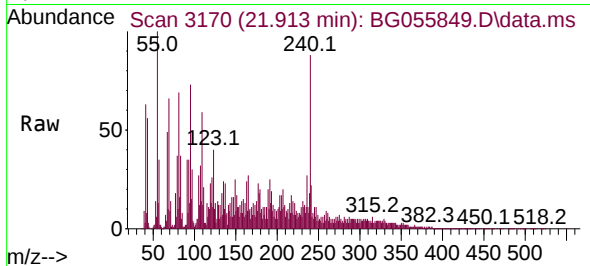




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.913 min Scan# 3171
Delta R.T. 0.033 min
Lab File: BG055849.D
Acq: 30 Nov 2022 19:53

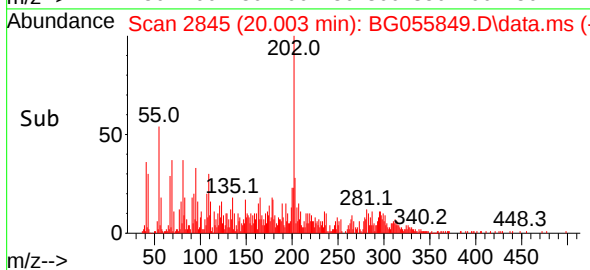
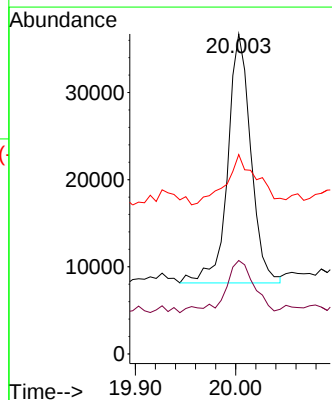
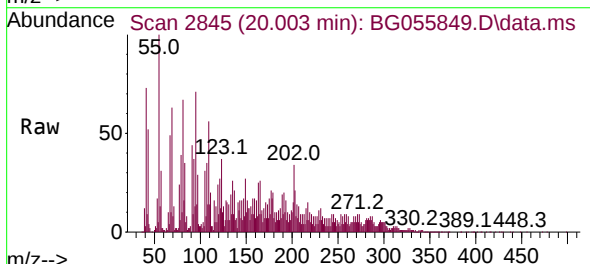
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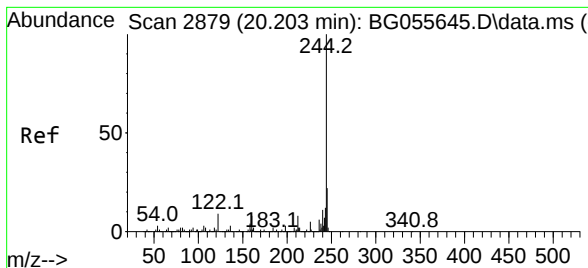
Tgt Ion:240 Resp: 192607
Ion Ratio Lower Upper
240 100
120 15.3 6.3 9.5#
236 30.3 21.9 32.9



#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

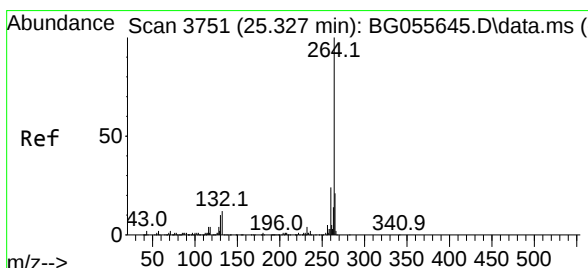
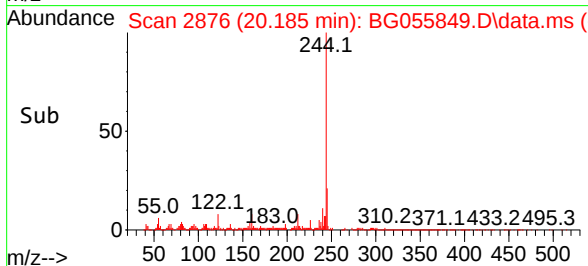
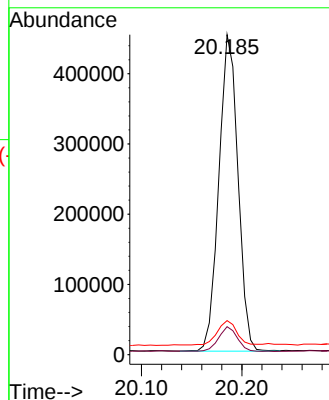
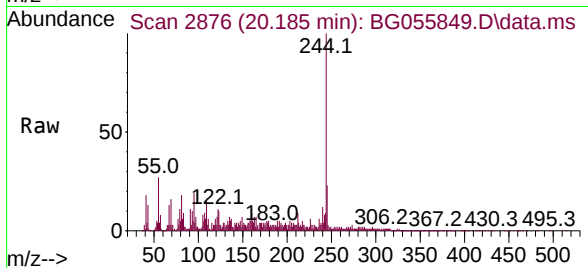
Tgt Ion:244 Resp: 597937

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#

