

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120722\
 Data File : BG055920.D
 Acq On : 7 Dec 2022 19:05
 Operator : CG/JU
 Sample : N5895-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-19

Quant Time: Dec 08 05:08:21 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 07 05:04:10 2022
 Response via : Initial Calibration

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

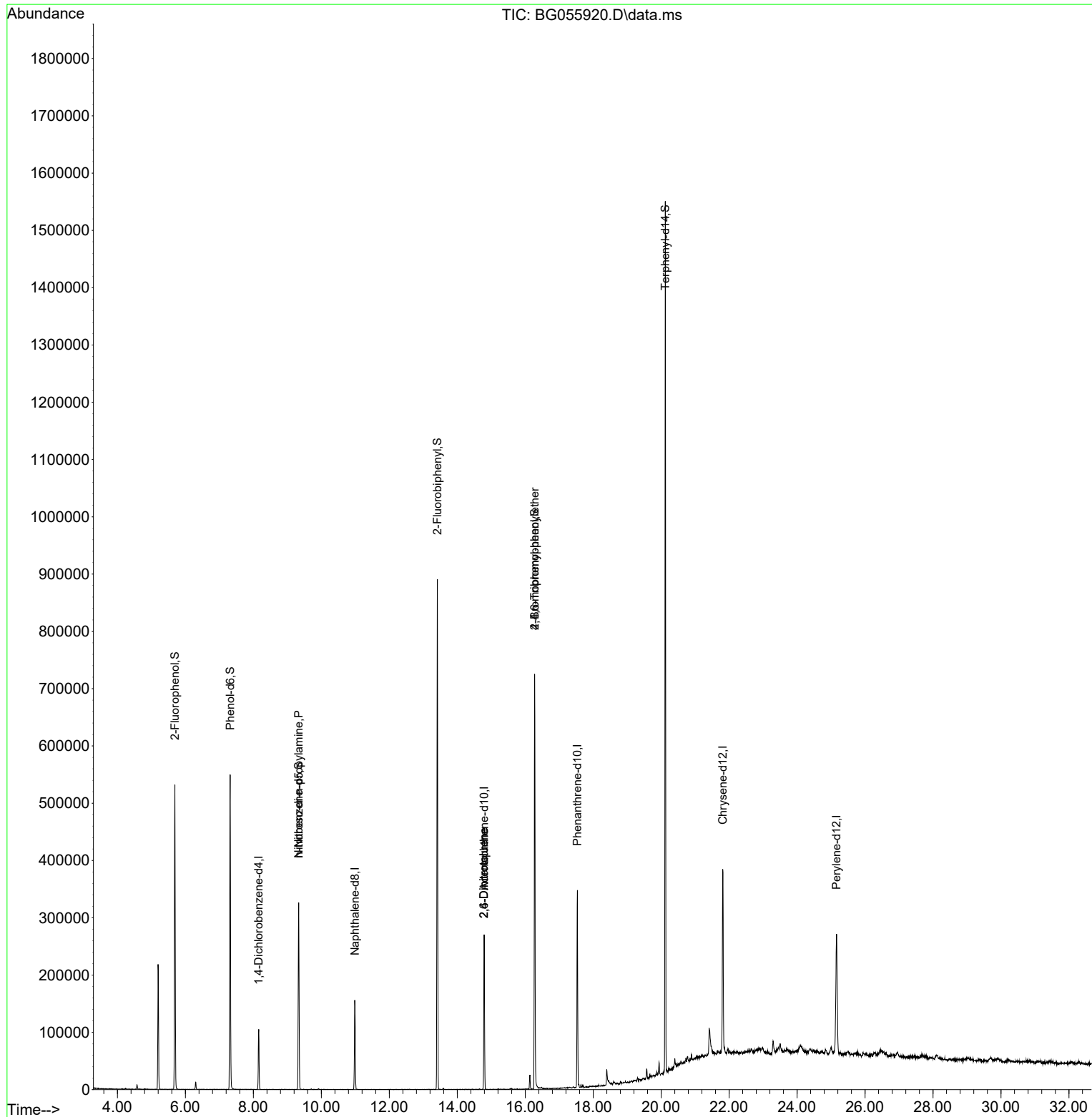
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.159	152	29266	20.000	ng	0.00
21) Naphthalene-d8	10.985	136	129174	20.000	ng	0.00
39) Acenaphthene-d10	14.792	164	95992	20.000	ng	0.00
64) Phenanthrene-d10	17.536	188	224767	20.000	ng	0.00
76) Chrysene-d12	21.813	240	200469	20.000	ng	-0.02
86) Perylene-d12	25.162	264	225281	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.691	112	219936	135.836	ng	0.00
7) Phenol-d6	7.318	99	294412	136.598	ng	0.00
23) Nitrobenzene-d5	9.334	82	187311	76.643	ng	0.00
42) 2,4,6-Tribromophenol	16.279	330	154108	114.011	ng	0.00
45) 2-Fluorobiphenyl	13.417	172	467349	72.938	ng	0.00
79) Terphenyl-d14	20.121	244	768061	76.631	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.334	70	25600	15.459	ng	# 79
51) 2,6-Dinitrotoluene	14.786	165	12341	7.888	ng	# 24
57) 2,4-Dinitrotoluene	14.786	165	12341	5.594	ng	# 22
67) 4-Bromophenyl-phenylether	16.279	248	9416	3.677	ng	# 1

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

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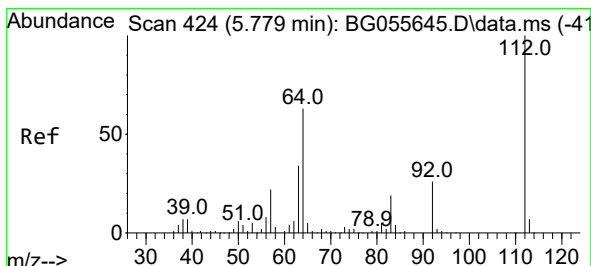
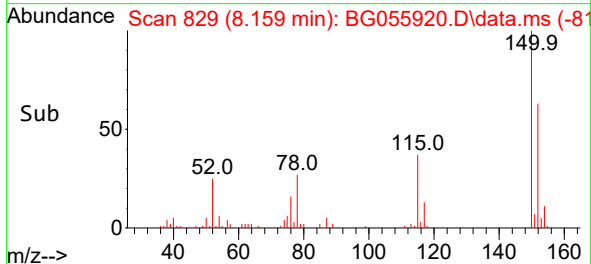
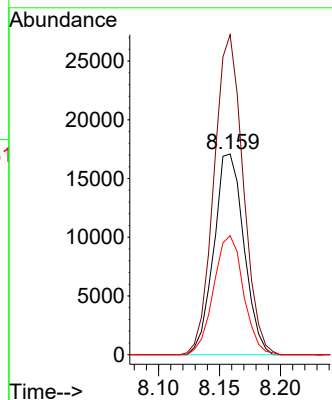
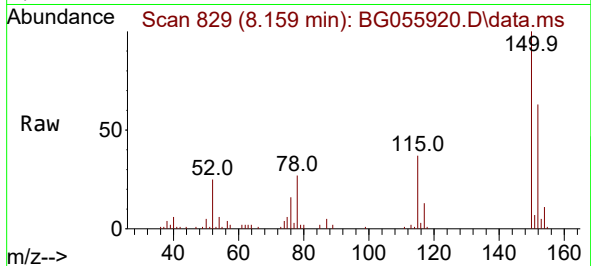




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.159 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG055920.D
Acq: 7 Dec 2022 19:05

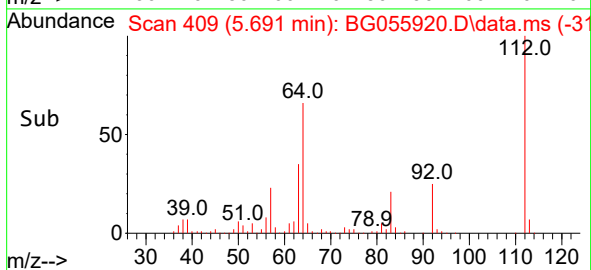
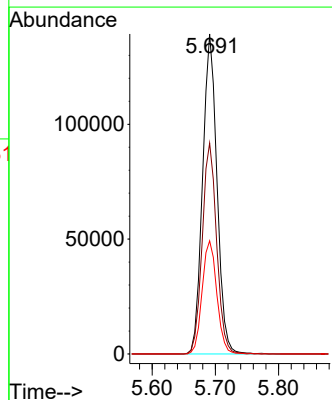
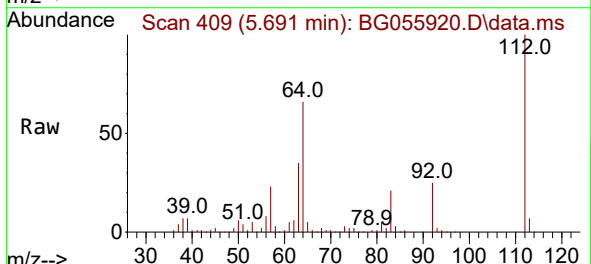
Instrument :
BNA_G
ClientSampleId :
MH-19

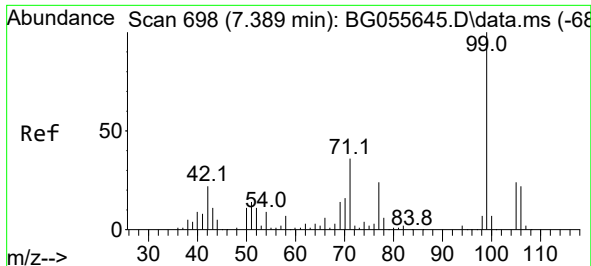
Tgt Ion:152 Resp: 29266
Ion Ratio Lower Upper
152 100
150 159.5 123.0 184.6
115 59.3 47.0 70.4



#5
2-Fluorophenol
Concen: 135.836 ng
RT: 5.691 min Scan# 409
Delta R.T. -0.003 min
Lab File: BG055920.D
Acq: 7 Dec 2022 19:05

Tgt Ion:112 Resp: 219936
Ion Ratio Lower Upper
112 100
64 65.9 50.6 76.0
63 35.4 27.5 41.3

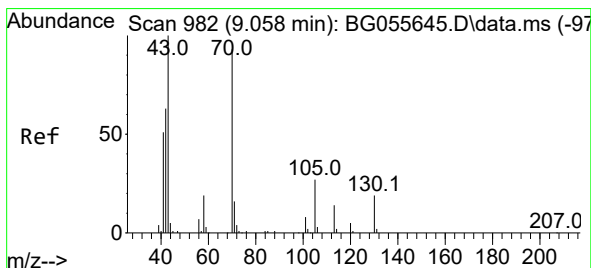
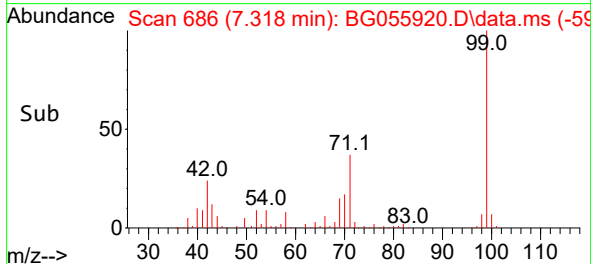
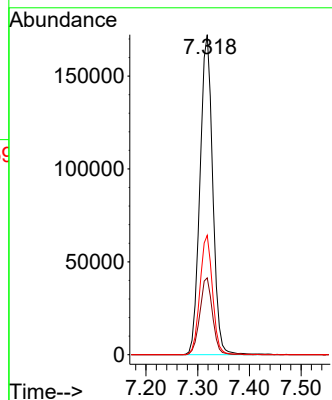
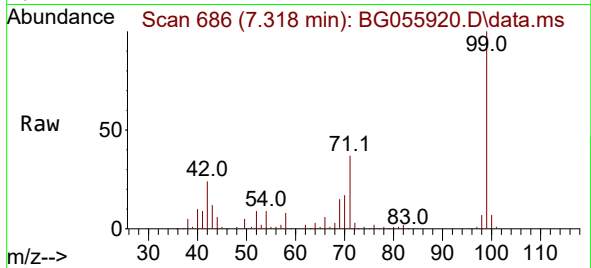




#7
Phenol-d6
Concen: 136.598 ng
RT: 7.318 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG055920.D
Acq: 7 Dec 2022 19:05

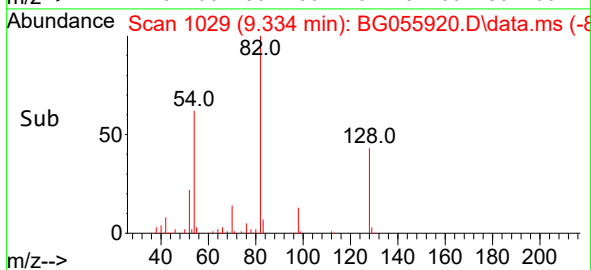
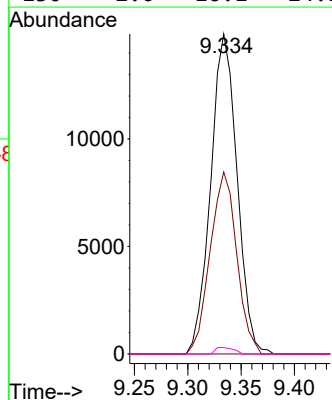
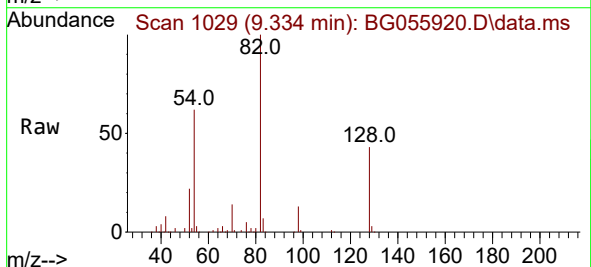
Instrument :
BNA_G
ClientSampleId :
MH-19

Tgt Ion: 99 Resp: 294412
Ion Ratio Lower Upper
99 100
42 24.0 18.0 27.0
71 37.3 29.0 43.6



#19
n-Nitroso-di-n-propylamine
Concen: 15.459 ng
RT: 9.334 min Scan# 1029
Delta R.T. 0.361 min
Lab File: BG055920.D
Acq: 7 Dec 2022 19:05

Tgt Ion: 70 Resp: 25600
Ion Ratio Lower Upper
70 100
42 56.9 55.2 82.8
101 0.0 7.1 10.7#
130 2.0 16.1 24.1#

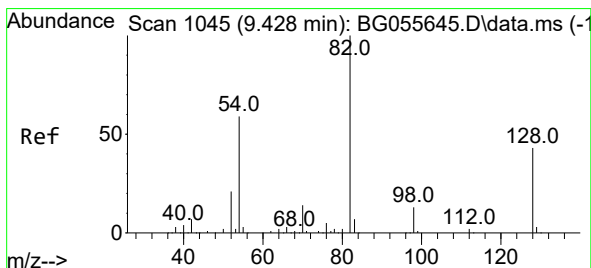
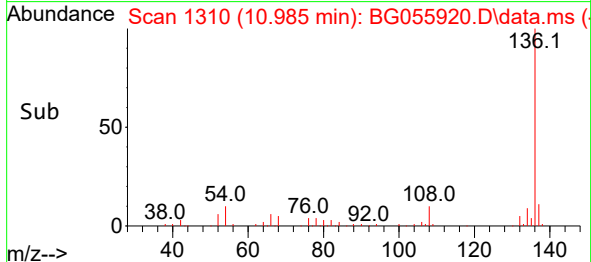
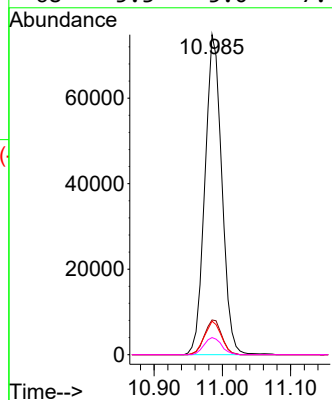
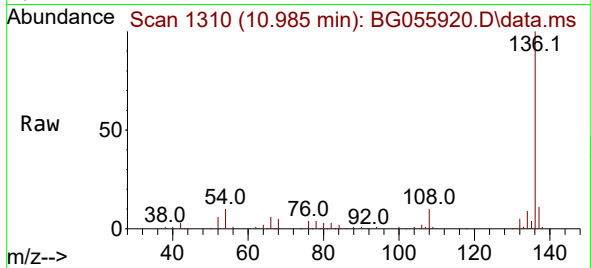




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.985 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG055920.D
Acq: 7 Dec 2022 19:05

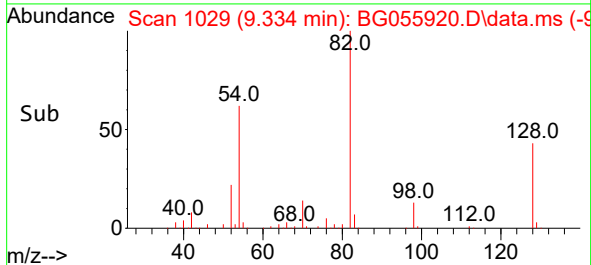
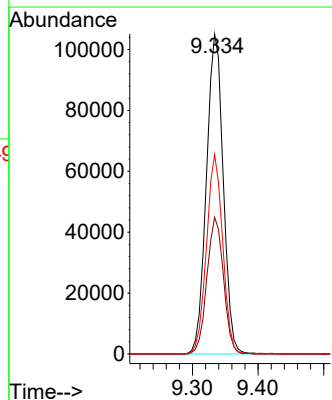
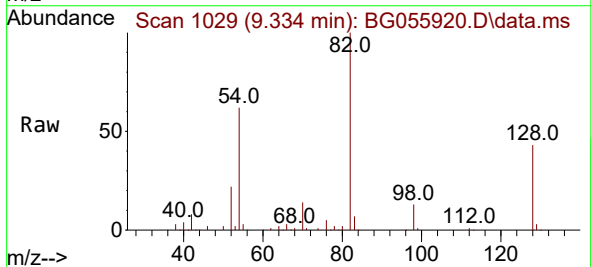
Instrument :
BNA_G
ClientSampleId :
MH-19

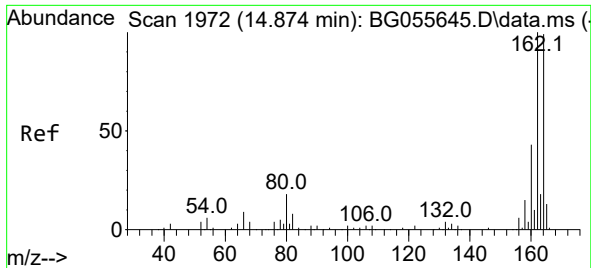
Tgt Ion:	136	Resp:	129174
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.0	13.6
54	10.5	7.8	11.6
68	5.3	5.0	7.4



#23
Nitrobenzene-d5
Concen: 76.643 ng
RT: 9.334 min Scan# 1029
Delta R.T. -0.009 min
Lab File: BG055920.D
Acq: 7 Dec 2022 19:05

Tgt Ion:	82	Resp:	187311
Ion Ratio	Lower	Upper	
82	100		
128	42.7	34.1	51.1
54	62.3	47.3	70.9

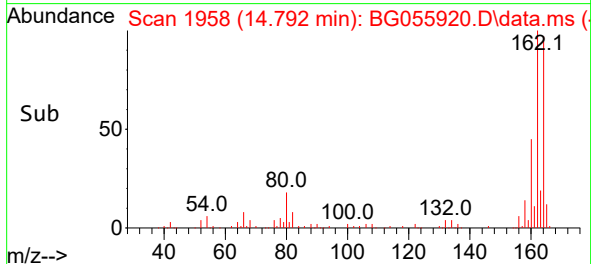
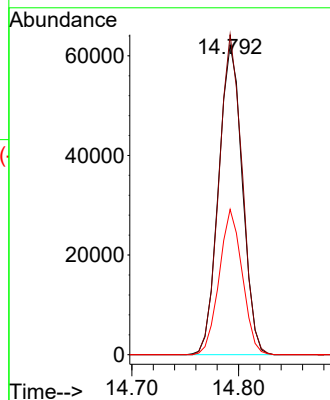
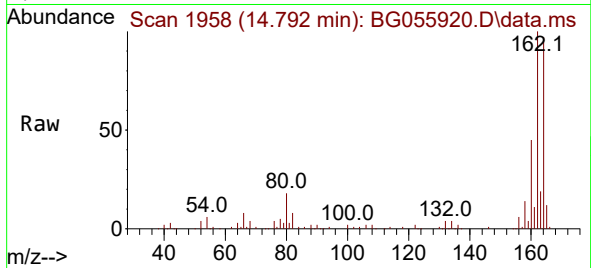




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.792 min Scan# 1972
Delta R.T. -0.009 min
Lab File: BG055920.D
Acq: 7 Dec 2022 19:05

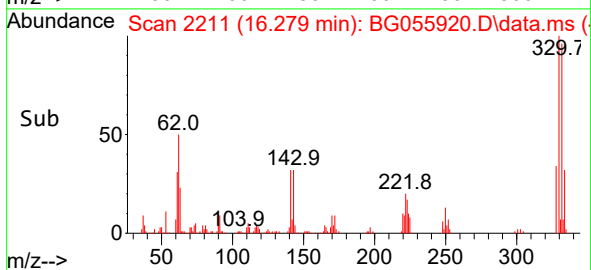
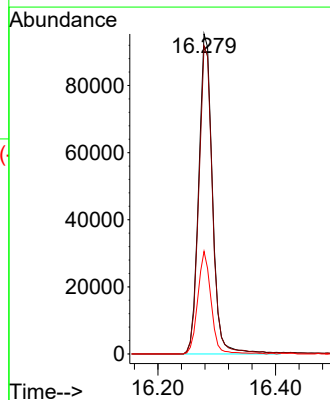
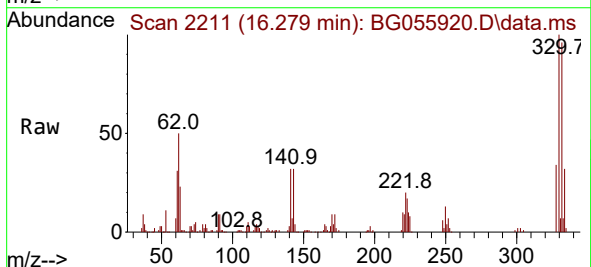
Instrument :
BNA_G
ClientSampleId :
MH-19

Tgt Ion:164 Resp: 95992
Ion Ratio Lower Upper
164 100
162 103.3 81.1 121.7
160 46.9 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 114.011 ng
RT: 16.279 min Scan# 2211
Delta R.T. -0.009 min
Lab File: BG055920.D
Acq: 7 Dec 2022 19:05

Tgt Ion:330 Resp: 154108
Ion Ratio Lower Upper
330 100
332 96.5 77.8 116.8
141 30.9 23.9 35.9

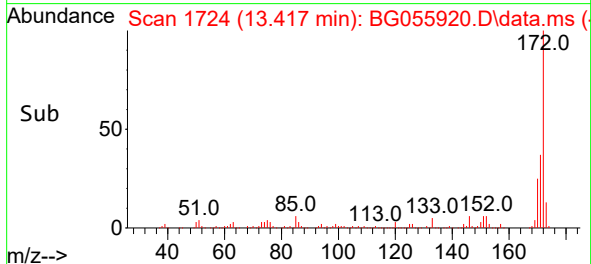
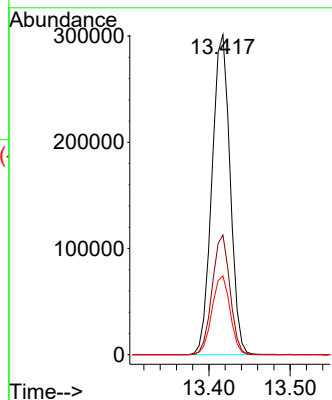
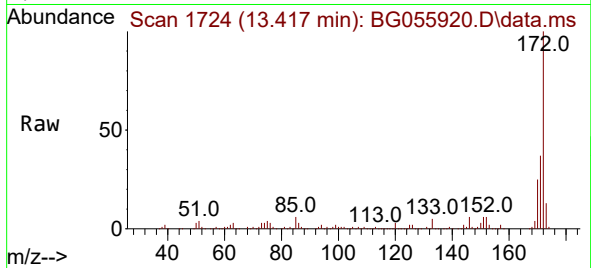




#45
2-Fluorobiphenyl
Concen: 72.938 ng
RT: 13.417 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG055920.D
Acq: 7 Dec 2022 19:05

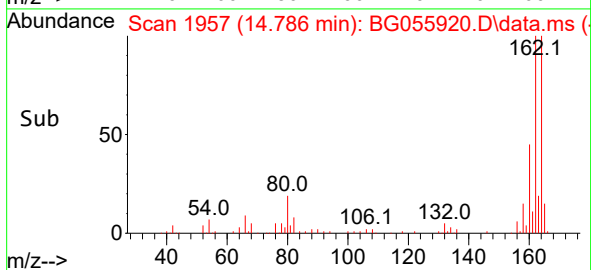
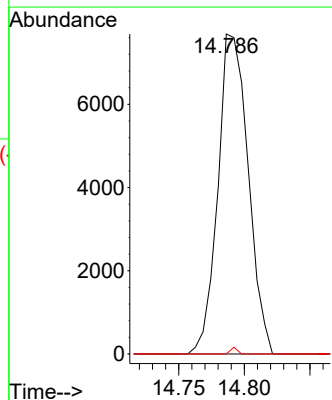
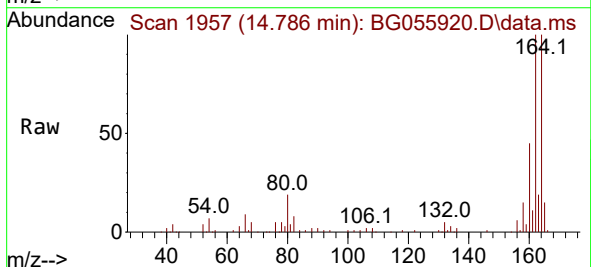
Instrument :
BNA_G
ClientSampleId :
MH-19

Tgt Ion:172 Resp: 467349
Ion Ratio Lower Upper
172 100
171 37.4 29.8 44.6
170 24.6 20.2 30.4



#51
2,6-Dinitrotoluene
Concen: 7.888 ng
RT: 14.786 min Scan# 1957
Delta R.T. 0.414 min
Lab File: BG055920.D
Acq: 7 Dec 2022 19:05

Tgt Ion:165 Resp: 12341
Ion Ratio Lower Upper
165 100
63 0.0 44.6 66.8#
89 0.0 42.2 63.4#





#57

2,4-Dinitrotoluene

Concen: 5.594 ng

RT: 14.786 min Scan# 1957

Delta R.T. -0.380 min

Lab File: BG055920.D

Acq: 7 Dec 2022 19:05

Instrument :

BNA_G

ClientSampleId :

MH-19

Tgt Ion:165 Resp: 12341

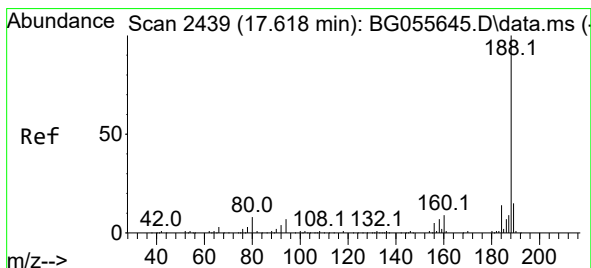
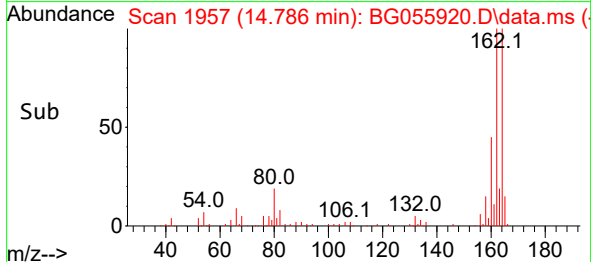
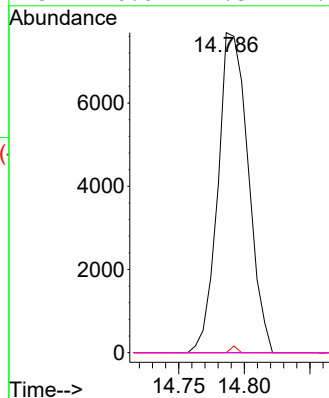
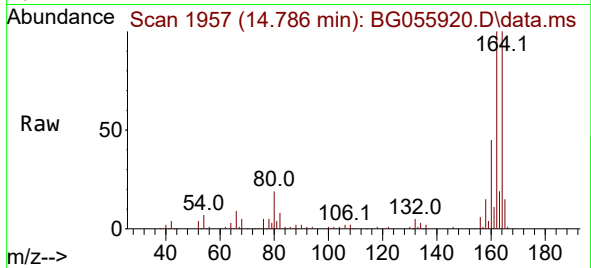
Ion Ratio Lower Upper

165 100

63 0.0 35.8 53.8#

89 0.0 56.2 84.4#

182 0.0 1.8 2.8#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.536 min Scan# 2425

Delta R.T. -0.009 min

Lab File: BG055920.D

Acq: 7 Dec 2022 19:05

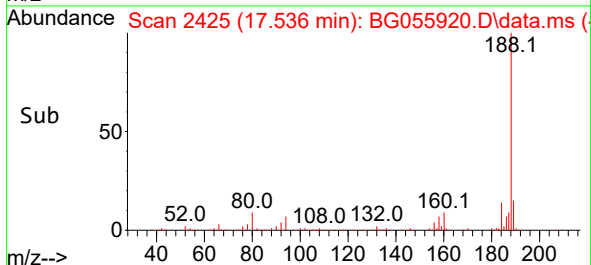
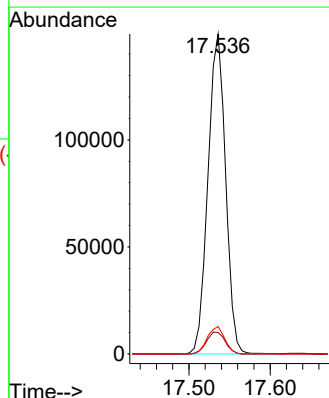
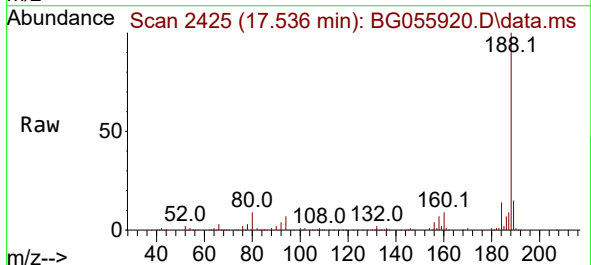
Tgt Ion:188 Resp: 224767

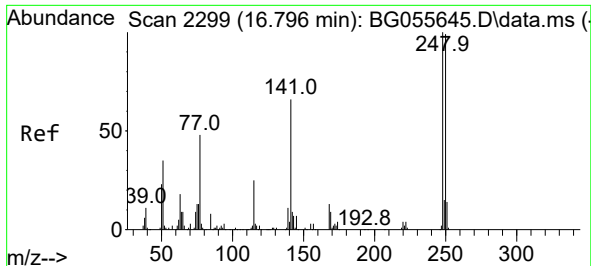
Ion Ratio Lower Upper

188 100

94 6.7 5.4 8.2

80 8.6 6.6 10.0

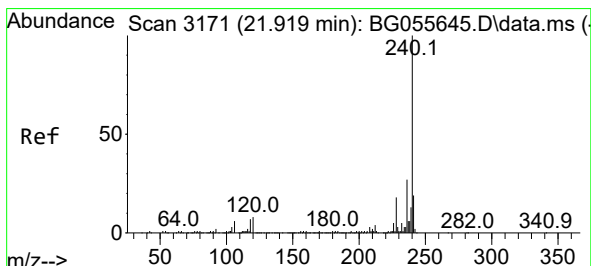
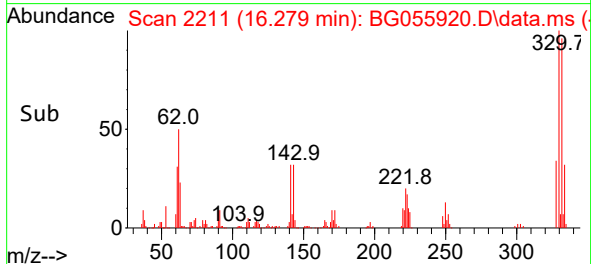
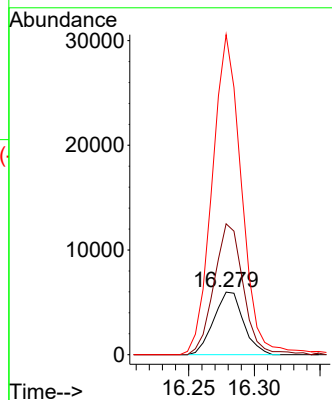
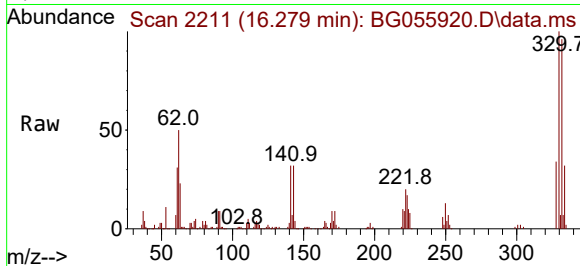




#67
4-Bromophenyl-phenylether
Concen: 3.677 ng
RT: 16.279 min Scan# 211
Delta R.T. -0.444 min
Lab File: BG055920.D
Acq: 7 Dec 2022 19:05

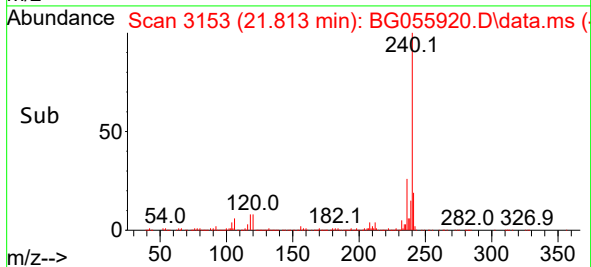
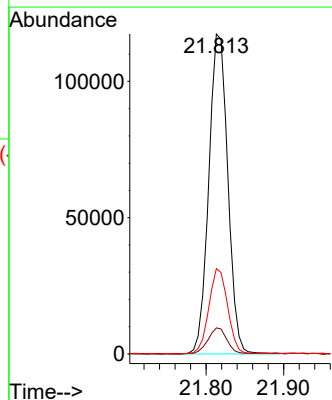
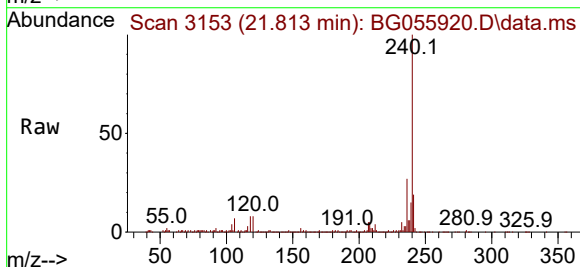
Instrument :
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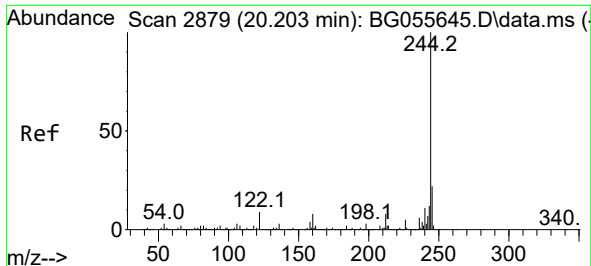
Tgt Ion:248 Resp: 9416
Ion Ratio Lower Upper
248 100
250 209.4 79.0 118.4#
141 512.0 52.9 79.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.813 min Scan# 3153
Delta R.T. -0.015 min
Lab File: BG055920.D
Acq: 7 Dec 2022 19:05

Tgt Ion:240 Resp: 200469
Ion Ratio Lower Upper
240 100
120 8.2 6.3 9.5
236 26.6 21.9 32.9

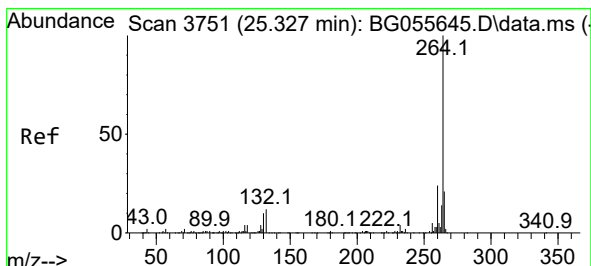
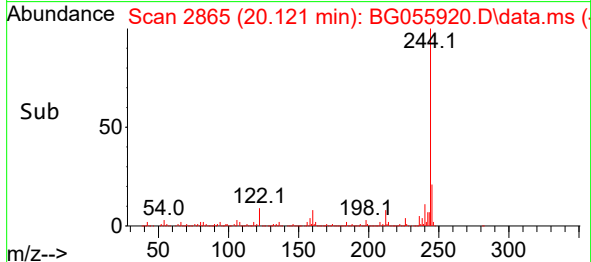
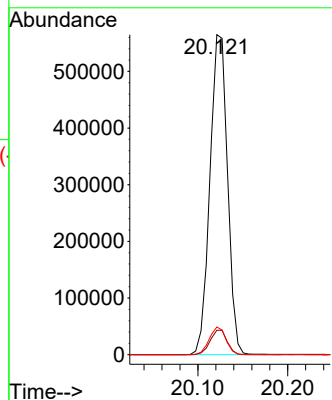
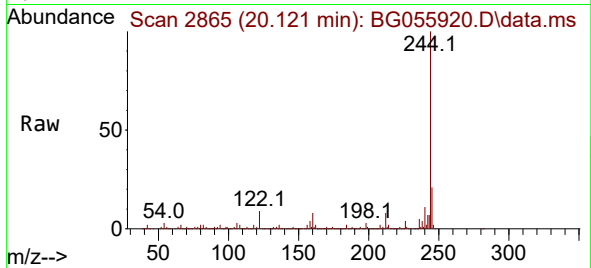




#79
 Terphenyl-d14
 Concen: 76.631 ng
 RT: 20.121 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BG055920.D
 Acq: 7 Dec 2022 19:05

Instrument :
 BNA_G
 ClientSampleId :
 MH-19

Tgt Ion:244 Resp: 768061
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.3 9.5
 122 8.6 6.9 10.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.162 min Scan# 3723
 Delta R.T. -0.015 min
 Lab File: BG055920.D
 Acq: 7 Dec 2022 19:05

Tgt Ion:264 Resp: 225281
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.5 29.3
 265 21.4 17.1 25.7

