

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092322\
 Data File : BG055018.D
 Acq On : 23 Sep 2022 18:50
 Operator : CG/JU
 Sample : N4751-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PE-6

Quant Time: Sep 24 02:28:49 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG091922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 19 17:41:40 2022
 Response via : Initial Calibration

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

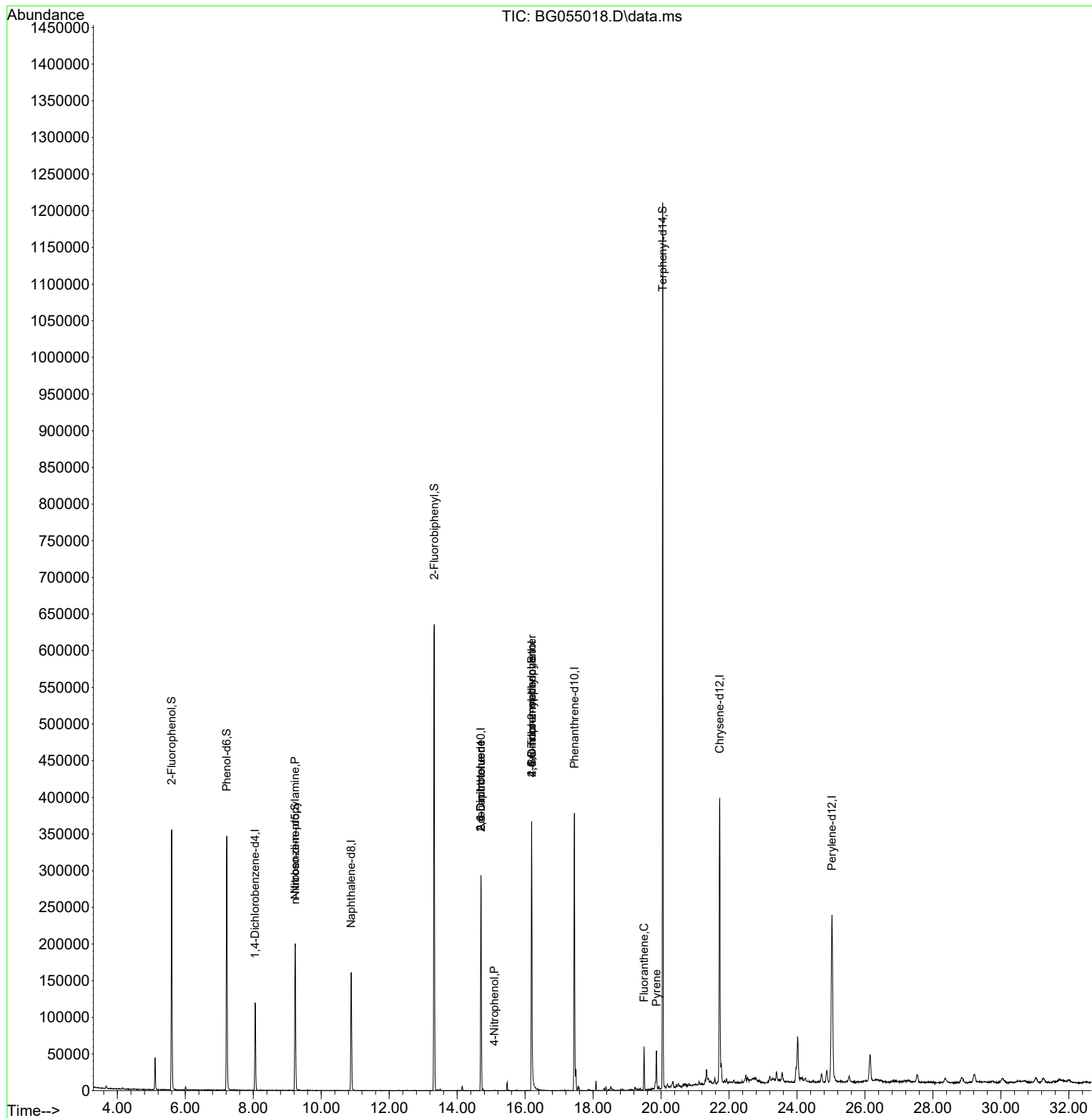
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.054	152	38618	20.000	ng	0.00
21) Naphthalene-d8	10.880	136	154737	20.000	ng	# 0.00
39) Acenaphthene-d10	14.699	164	109461	20.000	ng	0.00
64) Phenanthrene-d10	17.449	188	254289	20.000	ng	# 0.00
76) Chrysene-d12	21.726	240	253495	20.000	ng	0.00
86) Perylene-d12	25.028	264	265178	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	178031	90.204	ng	0.00
7) Phenol-d6	7.220	99	236009	89.214	ng	0.00
23) Nitrobenzene-d5	9.235	82	134887	50.526	ng	0.00
42) 2,4,6-Tribromophenol	16.192	330	100819	78.622	ng	0.00
45) 2-Fluorobiphenyl	13.325	172	372985	53.701	ng	0.00
79) Terphenyl-d14	20.046	244	636118	52.492	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.229	70	16463	9.042	ng	# 73
51) 2,6-Dinitrotoluene	14.699	165	14081	7.990	ng	# 20
56) 4-Nitrophenol	15.093	139	73	4.210	ng	# 6
57) 2,4-Dinitrotoluene	14.699	165	14081	5.617	ng	# 18
65) 4,6-Dinitro-2-methylph...	16.192	198	70	5.038	ng	# 1
67) 4-Bromophenyl-phenylether	16.192	248	5858	2.089	ng	# 1
75) Fluoranthene	19.500	202	39740	2.423	ng	97
78) Pyrene	19.864	202	36345	2.181	ng	98

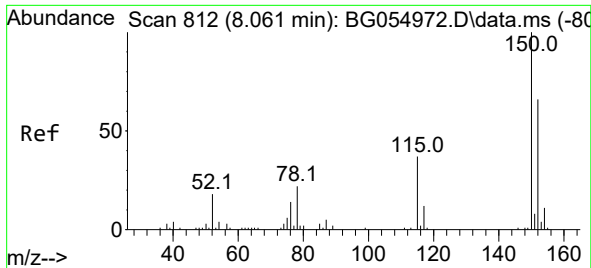
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092322\
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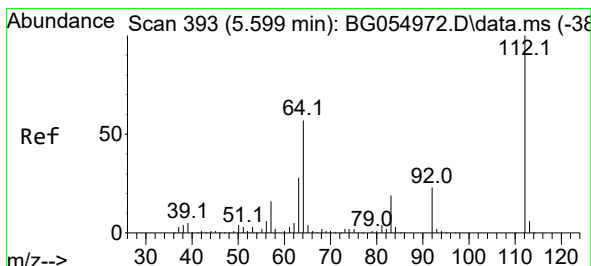
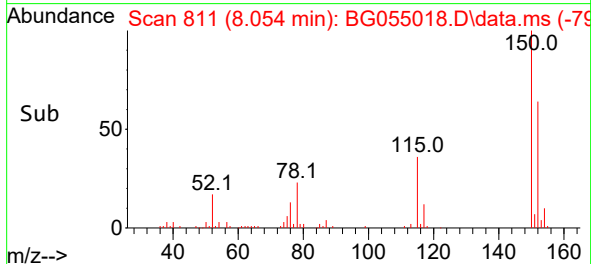
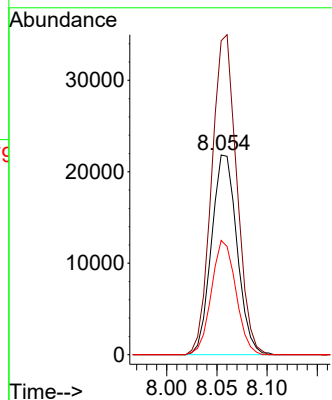
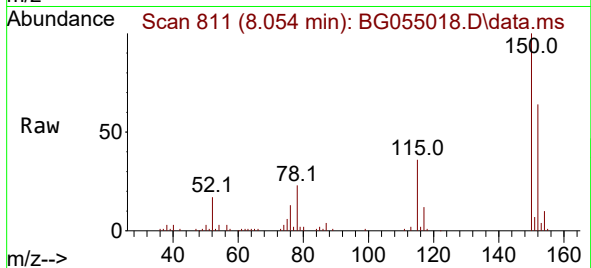




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.054 min Scan# 812
Delta R.T. -0.007 min
Lab File: BG055018.D
Acq: 23 Sep 2022 18:50

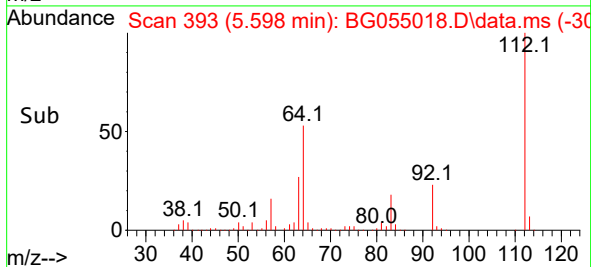
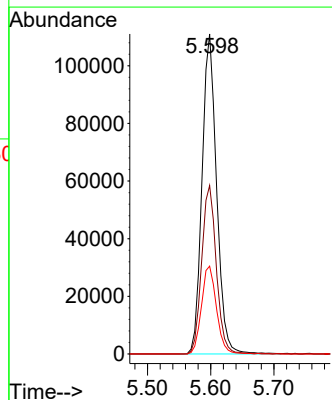
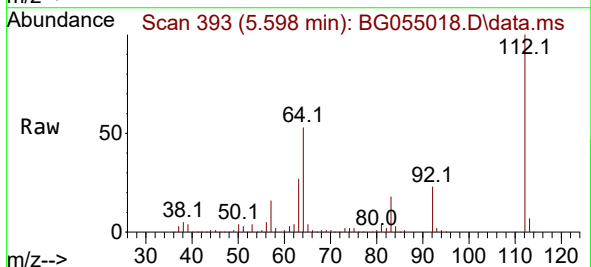
Instrument :
BNA_G
ClientSampleId :
PE-6

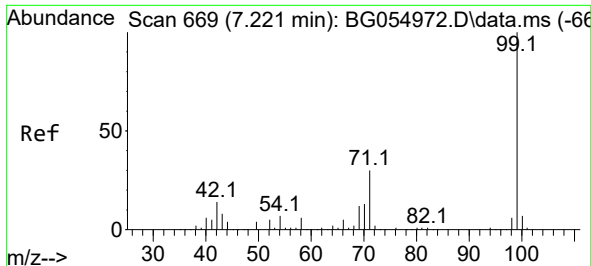
Tgt Ion:152 Resp: 38618
Ion Ratio Lower Upper
152 100
150 157.2 125.2 187.8
115 57.2 47.9 71.9



#5
2-Fluorophenol
Concen: 90.204 ng
RT: 5.598 min Scan# 393
Delta R.T. -0.001 min
Lab File: BG055018.D
Acq: 23 Sep 2022 18:50

Tgt Ion:112 Resp: 178031
Ion Ratio Lower Upper
112 100
64 52.7 49.3 73.9
63 27.4 26.3 39.5

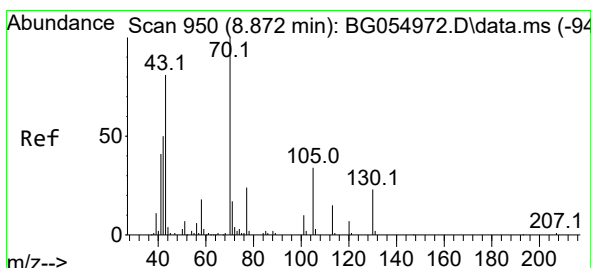
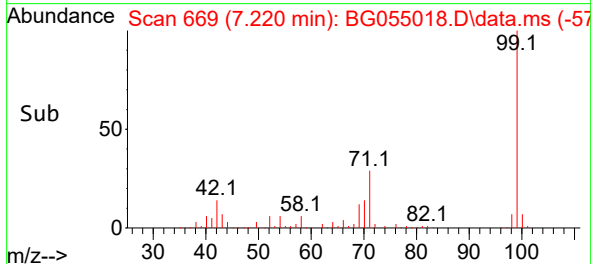
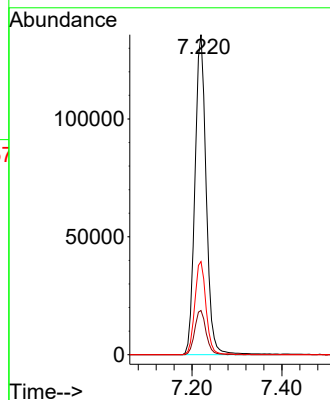
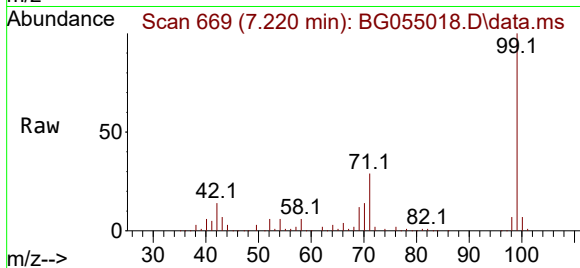




#7
Phenol-d6
Concen: 89.214 ng
RT: 7.220 min Scan# 60
Delta R.T. -0.001 min
Lab File: BG055018.D
Acq: 23 Sep 2022 18:50

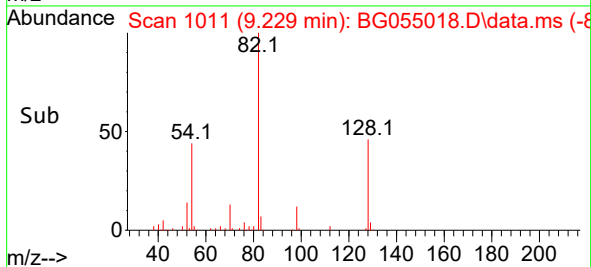
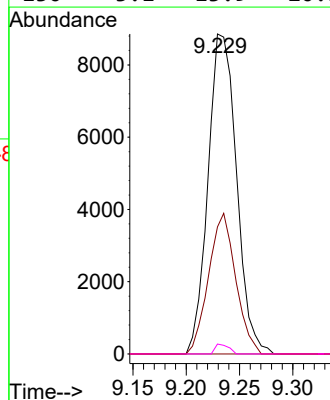
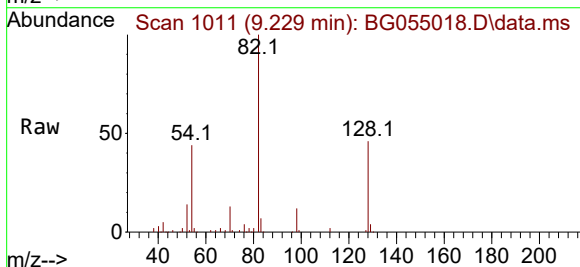
Instrument :
BNA_G
ClientSampleId :
PE-6

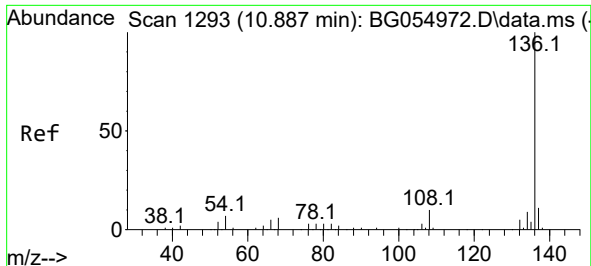
Tgt Ion: 99 Resp: 236009
Ion Ratio Lower Upper
99 100
42 13.8 14.6 22.0#
71 29.1 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 9.042 ng
RT: 9.229 min Scan# 1011
Delta R.T. 0.358 min
Lab File: BG055018.D
Acq: 23 Sep 2022 18:50

Tgt Ion: 70 Resp: 16463
Ion Ratio Lower Upper
70 100
42 39.7 46.6 69.8#
101 0.0 7.7 11.5#
130 3.1 13.9 20.9#

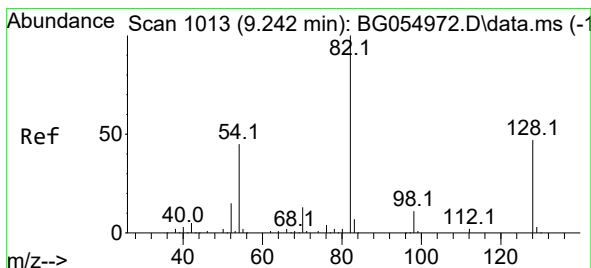
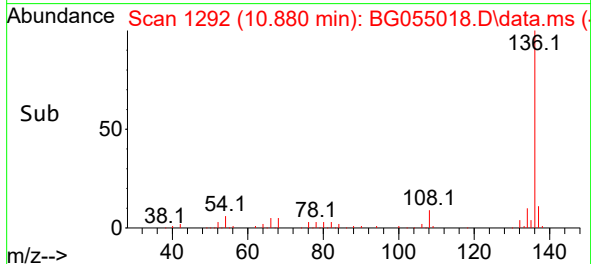
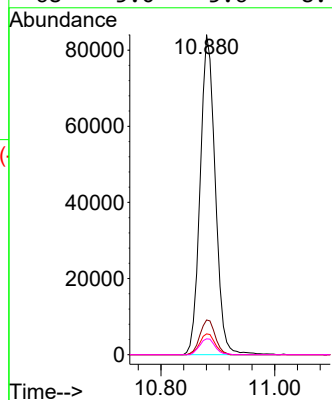
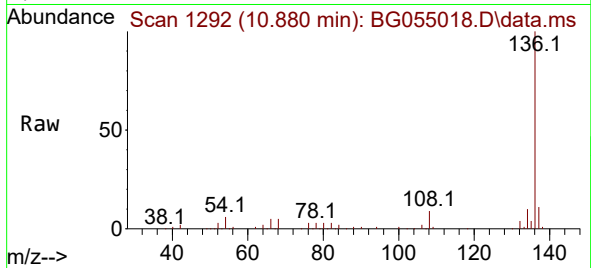




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.880 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG055018.D
Acq: 23 Sep 2022 18:50

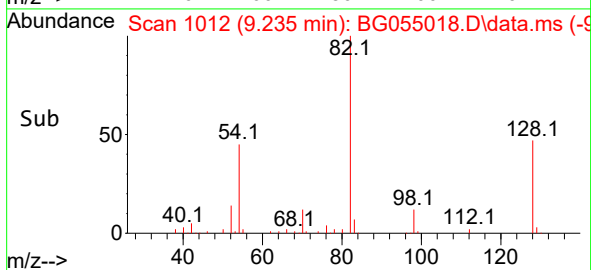
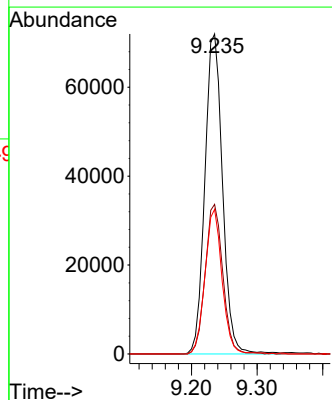
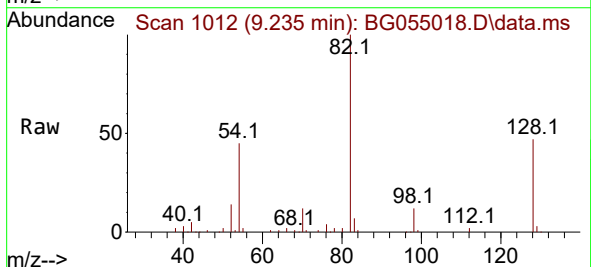
Instrument :
BNA_G
ClientSampleId :
PE-6

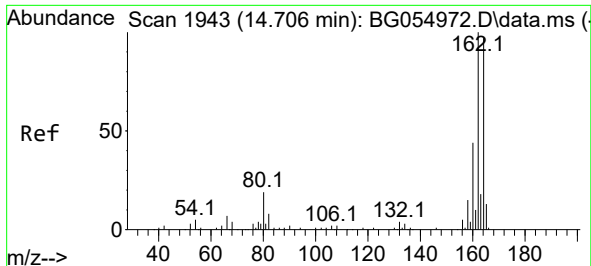
Tgt Ion:	136	Resp:	154737
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.2	13.8
54	6.5	7.7	11.5#
68	5.0	5.6	8.4#



#23
Nitrobenzene-d5
Concen: 50.526 ng
RT: 9.235 min Scan# 1012
Delta R.T. -0.007 min
Lab File: BG055018.D
Acq: 23 Sep 2022 18:50

Tgt Ion:	82	Resp:	134887
Ion Ratio	Lower	Upper	
82	100		
128	46.7	32.2	48.2
54	45.2	41.4	62.0

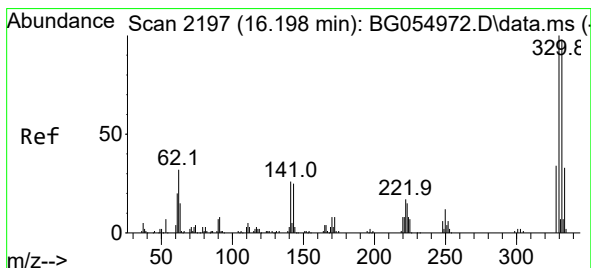
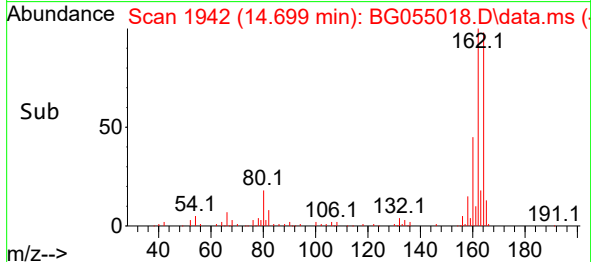
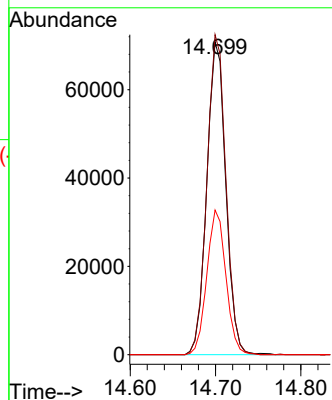
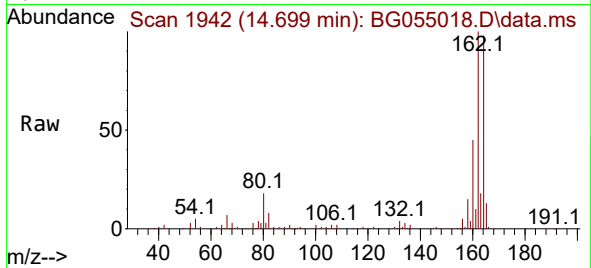




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.699 min Scan# 1942
Delta R.T. -0.007 min
Lab File: BG055018.D
Acq: 23 Sep 2022 18:50

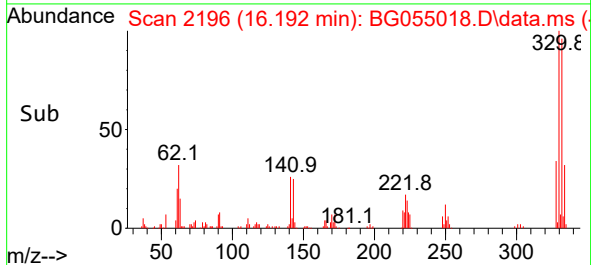
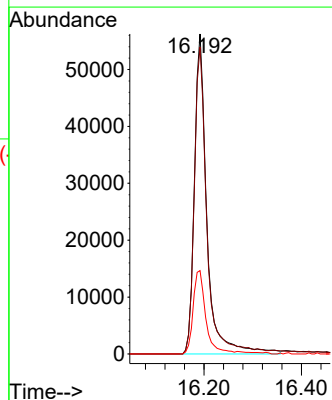
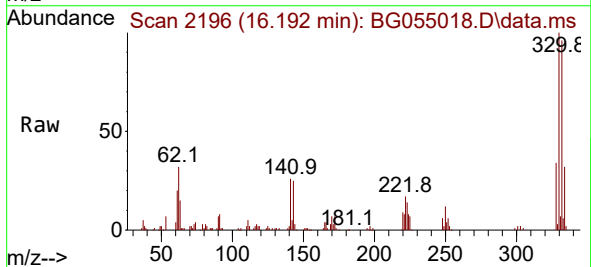
Instrument :
BNA_G
ClientSampleId :
PE-6

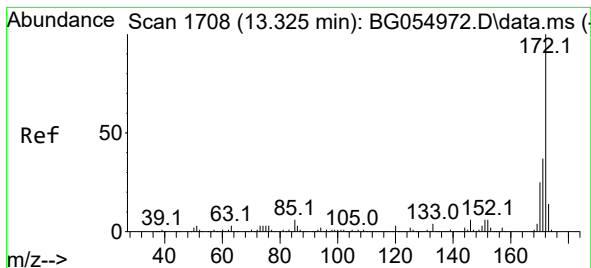
Tgt Ion:164 Resp: 109461
Ion Ratio Lower Upper
164 100
162 102.3 83.0 124.4
160 46.2 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 78.622 ng
RT: 16.192 min Scan# 2196
Delta R.T. -0.007 min
Lab File: BG055018.D
Acq: 23 Sep 2022 18:50

Tgt Ion:330 Resp: 100819
Ion Ratio Lower Upper
330 100
332 96.5 79.8 119.6
141 26.2 26.8 40.2#

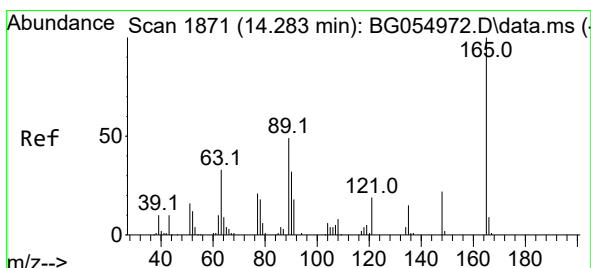
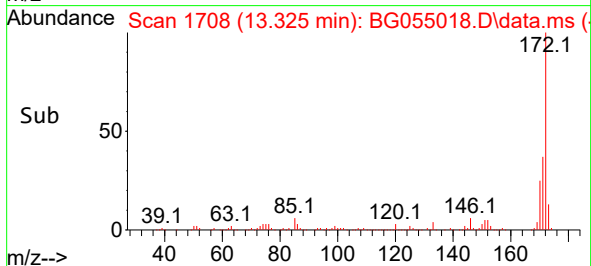
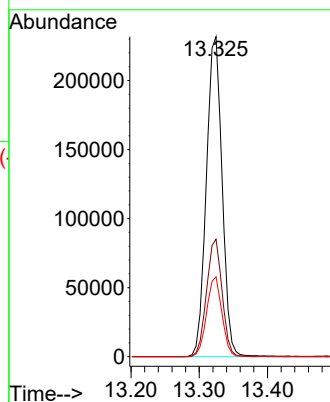
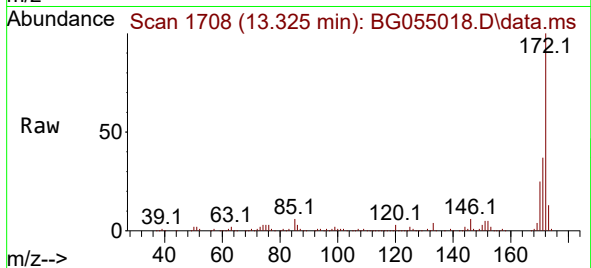




#45
2-Fluorobiphenyl
Concen: 53.701 ng
RT: 13.325 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG055018.D
Acq: 23 Sep 2022 18:50

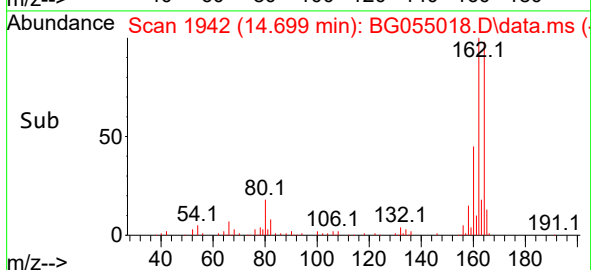
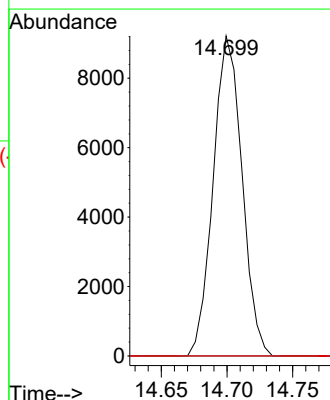
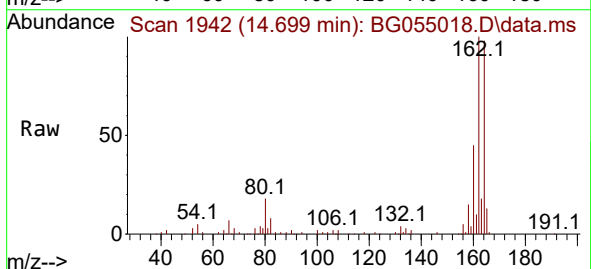
Instrument :
BNA_G
ClientSampleId :
PE-6

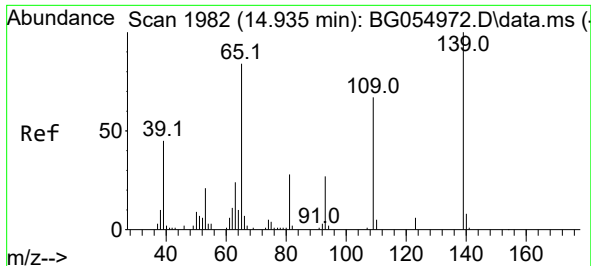
Tgt Ion:172 Resp: 372985
Ion Ratio Lower Upper
172 100
171 36.7 31.2 46.8
170 25.0 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 7.990 ng
RT: 14.699 min Scan# 1942
Delta R.T. 0.417 min
Lab File: BG055018.D
Acq: 23 Sep 2022 18:50

Tgt Ion:165 Resp: 14081
Ion Ratio Lower Upper
165 100
63 0.0 46.0 69.0#
89 0.0 50.3 75.5#

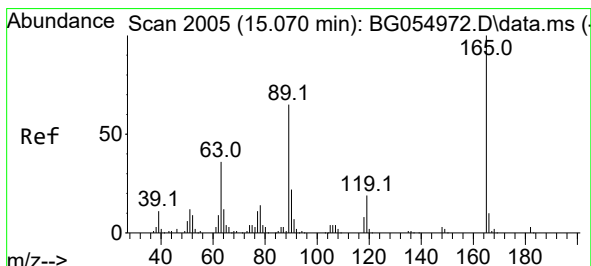
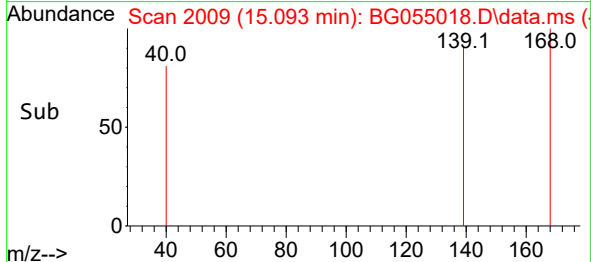
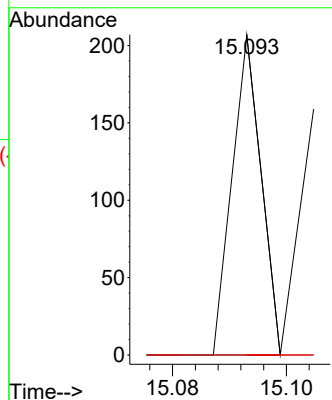
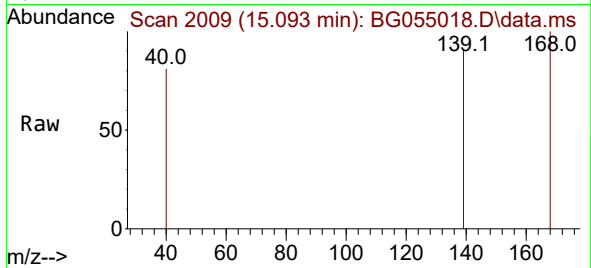




#56
4-Nitrophenol
Concen: 4.210 ng
RT: 15.093 min Scan# 20
Delta R.T. 0.158 min
Lab File: BG055018.D
Acq: 23 Sep 2022 18:50

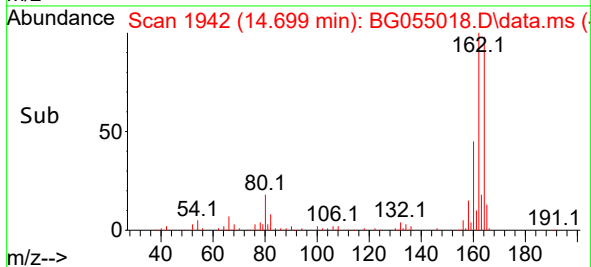
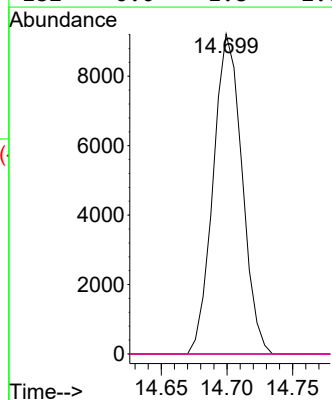
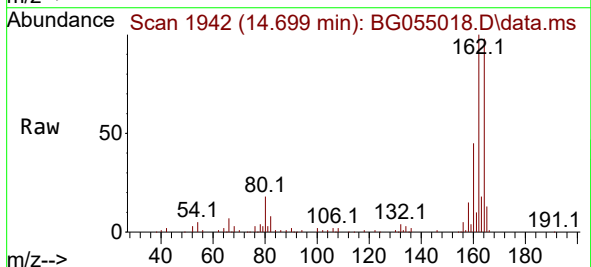
Instrument :
BNA_G
ClientSampleId :
PE-6

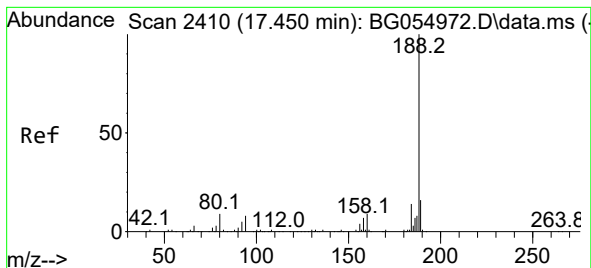
Tgt Ion:139 Resp: 73
Ion Ratio Lower Upper
139 100
109 0.0 50.5 90.5#
65 0.0 79.9 119.9#



#57
2,4-Dinitrotoluene
Concen: 5.617 ng
RT: 14.699 min Scan# 1942
Delta R.T. -0.371 min
Lab File: BG055018.D
Acq: 23 Sep 2022 18:50

Tgt Ion:165 Resp: 14081
Ion Ratio Lower Upper
165 100
63 0.0 36.8 55.2#
89 0.0 64.3 96.5#
182 0.0 1.8 2.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.449 min Scan# 2410

Delta R.T. -0.001 min

Lab File: BG055018.D

Acq: 23 Sep 2022 18:50

Instrument :

BNA_G

ClientSampleId :

PE-6

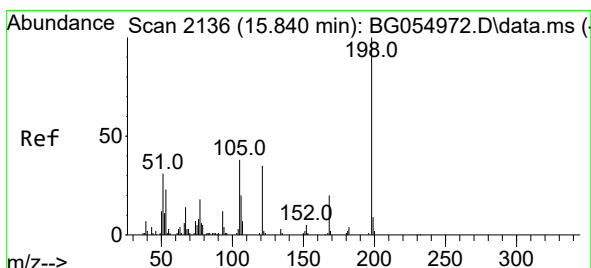
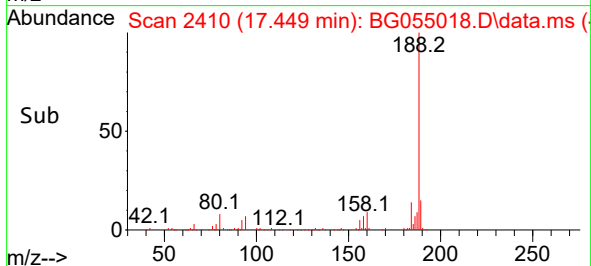
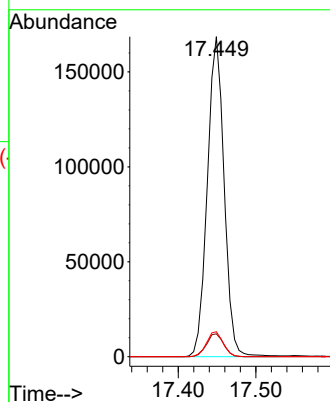
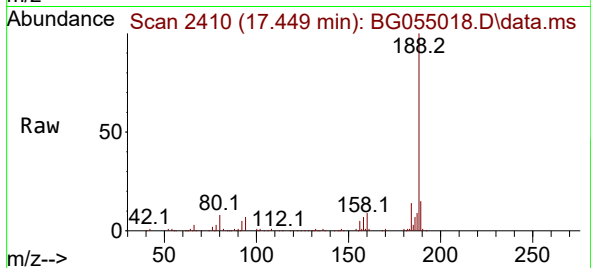
Tgt Ion:188 Resp: 254289

Ion Ratio Lower Upper

188 100

94 7.2 7.0 10.4

80 7.8 7.9 11.9#



#65

4,6-Dinitro-2-methylphenol

Concen: 5.038 ng

RT: 16.192 min Scan# 2196

Delta R.T. 0.352 min

Lab File: BG055018.D

Acq: 23 Sep 2022 18:50

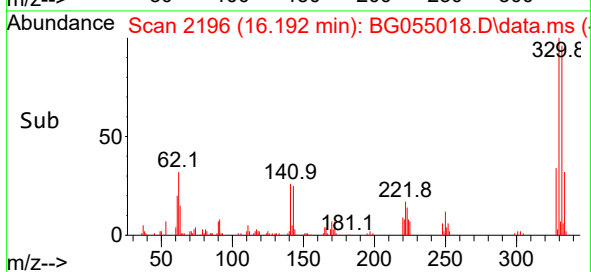
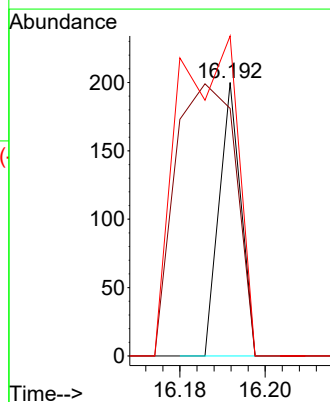
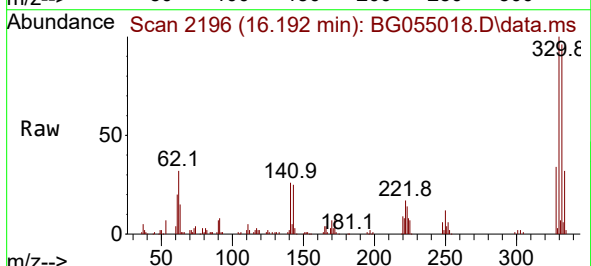
Tgt Ion:198 Resp: 70

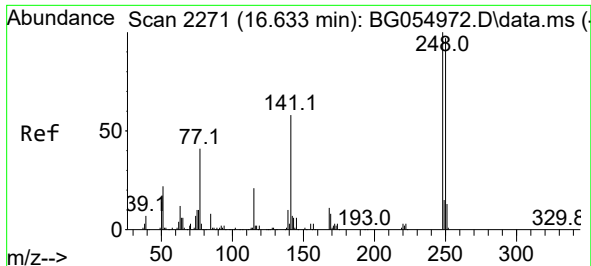
Ion Ratio Lower Upper

198 100

51 90.5 19.9 59.9#

105 117.0 20.3 60.3#

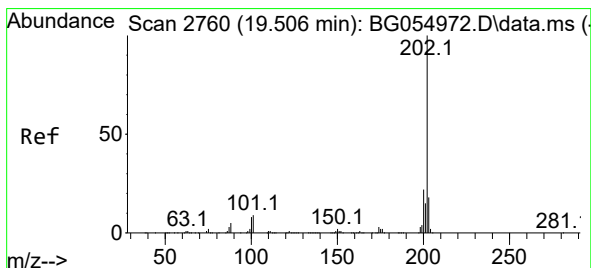
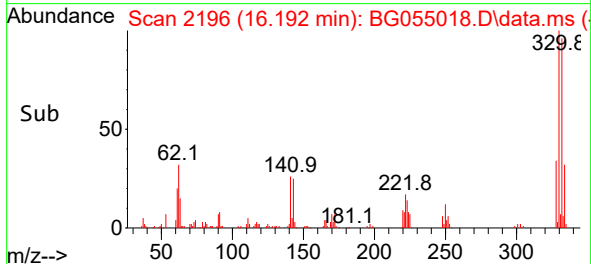
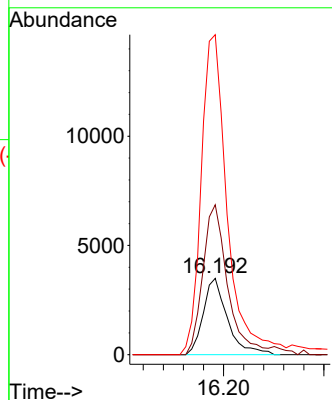
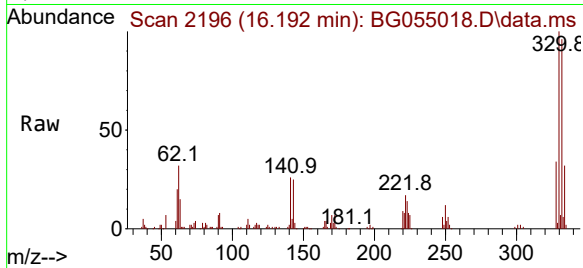




#67
4-Bromophenyl-phenylether
Concen: 2.089 ng
RT: 16.192 min Scan# 2196
Delta R.T. -0.441 min
Lab File: BG055018.D
Acq: 23 Sep 2022 18:50

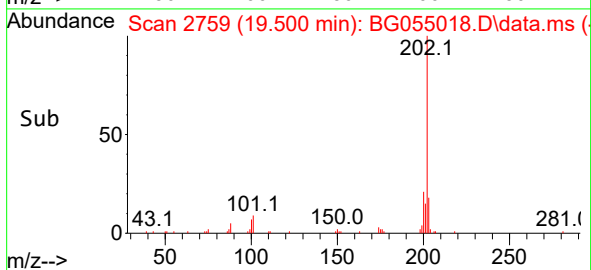
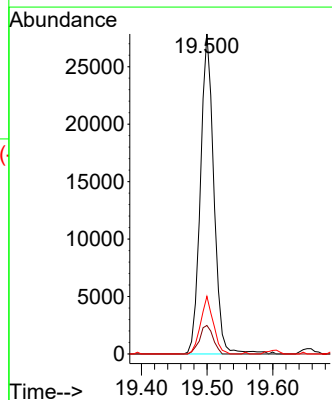
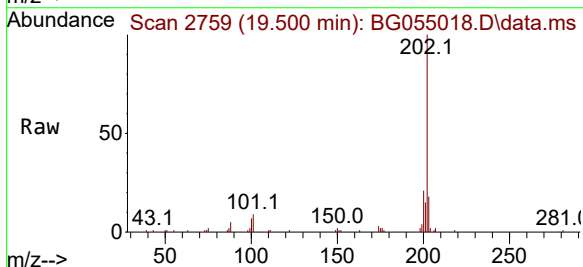
Instrument :
BNA_G
ClientSampleId :
PE-6

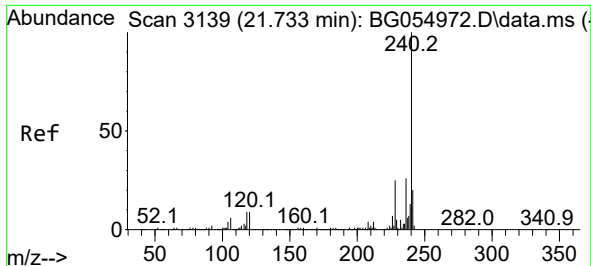
Tgt Ion:248 Resp: 5858
Ion Ratio Lower Upper
248 100
250 196.3 78.8 118.2#
141 418.8 51.9 77.9#



#75
Fluoranthene
Concen: 2.423 ng
RT: 19.500 min Scan# 2759
Delta R.T. -0.007 min
Lab File: BG055018.D
Acq: 23 Sep 2022 18:50

Tgt Ion:202 Resp: 39740
Ion Ratio Lower Upper
202 100
101 8.9 0.0 31.4
203 18.0 0.0 38.6

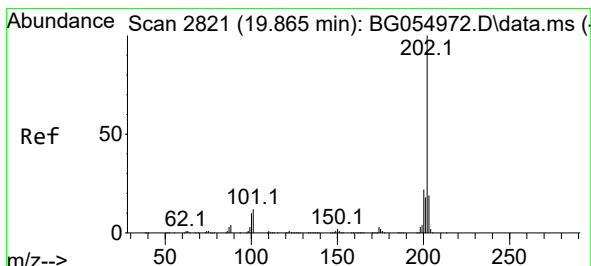
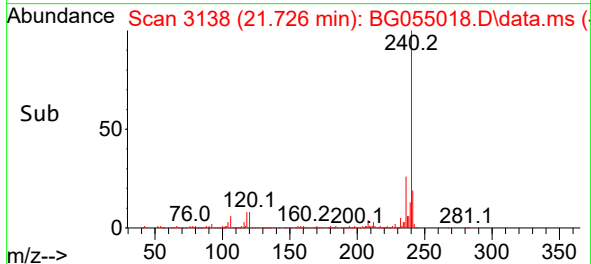
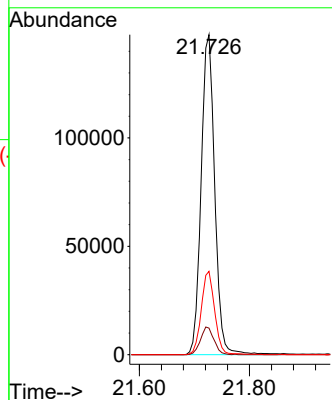
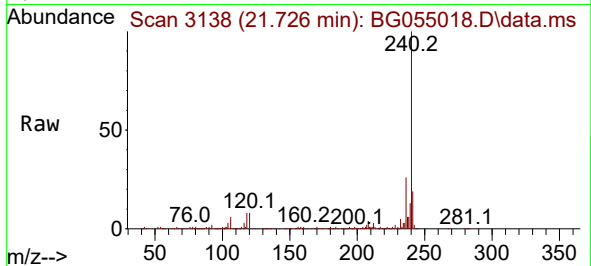




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.726 min Scan# 31
Delta R.T. -0.007 min
Lab File: BG055018.D
Acq: 23 Sep 2022 18:50

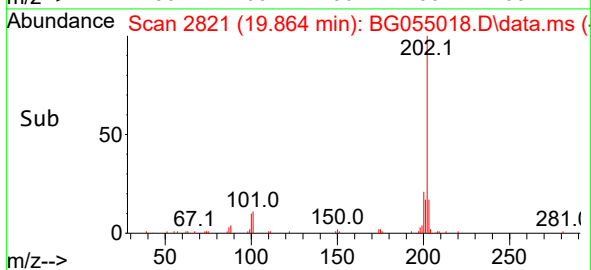
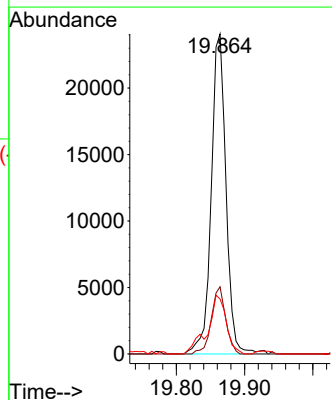
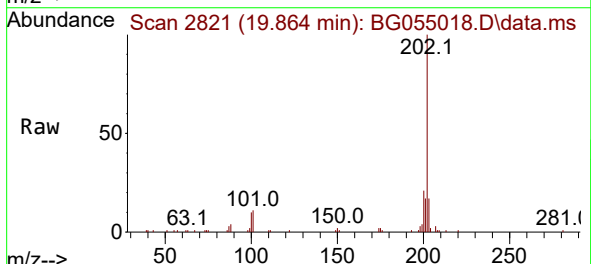
Instrument :
BNA_G
ClientSampleId :
PE-6

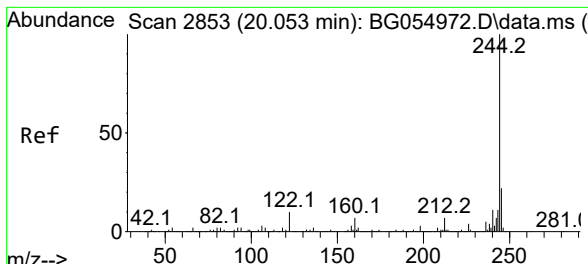
Tgt Ion:240 Resp: 253495
Ion Ratio Lower Upper
240 100
120 8.3 8.2 12.4
236 26.0 21.2 31.8



#78
Pyrene
Concen: 2.181 ng
RT: 19.864 min Scan# 2821
Delta R.T. -0.001 min
Lab File: BG055018.D
Acq: 23 Sep 2022 18:50

Tgt Ion:202 Resp: 36345
Ion Ratio Lower Upper
202 100
200 21.0 17.8 26.6
203 17.2 14.6 21.8



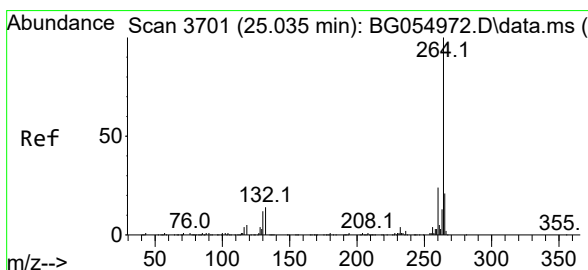
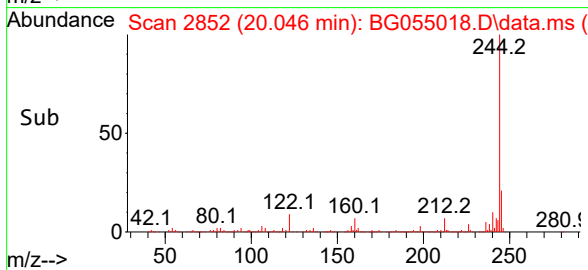
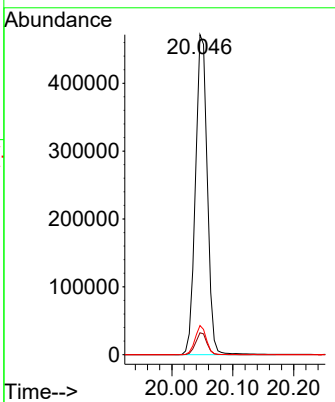
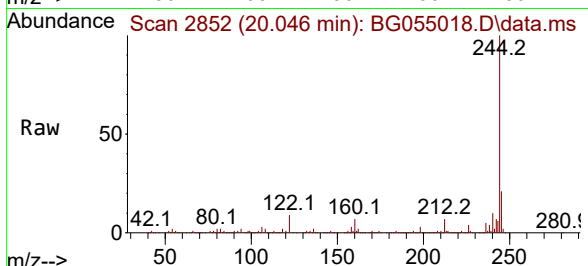


#79
 Terphenyl-d14
 Concen: 52.492 ng
 RT: 20.046 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG055018.D
 Acq: 23 Sep 2022 18:50

Instrument :
 BNA_G
 ClientSampleId :
 PE-6

Tgt Ion:244 Resp: 636118

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.2	9.2
122	9.1	9.0	13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.028 min Scan# 3700
 Delta R.T. -0.007 min
 Lab File: BG055018.D
 Acq: 23 Sep 2022 18:50

Tgt Ion:264 Resp: 265178

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.9	29.9
265	21.5	16.9	25.3

