

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062922\
 Data File : BG054155.D
 Acq On : 29 Jun 2022 21:35
 Operator : CG/JU
 Sample : N3528-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-BLOCK

Quant Time: Jun 29 22:07:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 00:27:54 2022
 Response via : Initial Calibration

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

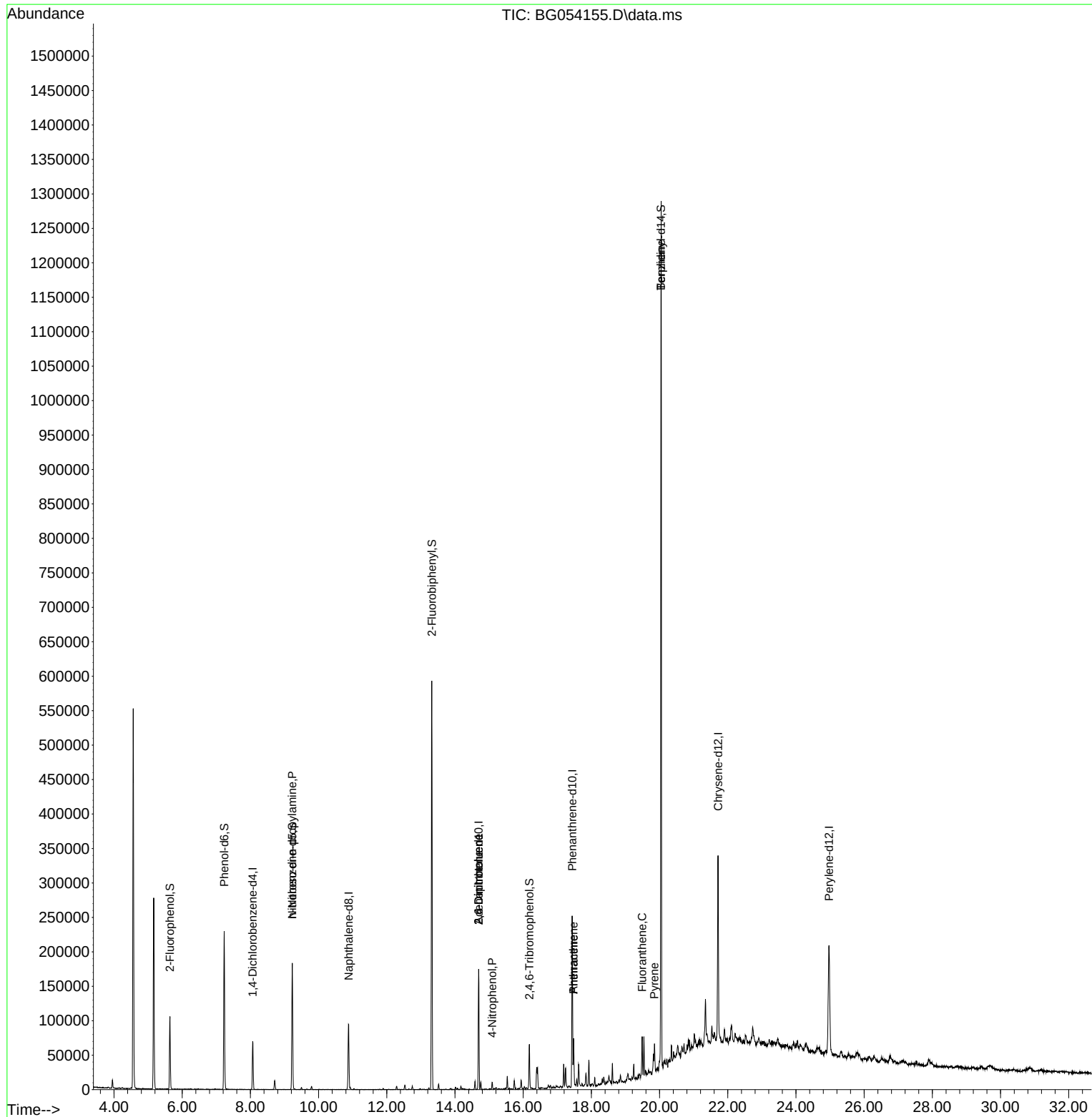
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.065	152	21616	20.000	ng	0.00
21) Naphthalene-d8	10.880	136	88863	20.000	ng	0.00
39) Acenaphthene-d10	14.693	164	67547	20.000	ng	0.00
64) Phenanthrene-d10	17.437	188	169383	20.000	ng	# 0.00
76) Chrysene-d12	21.714	240	183798	20.000	ng	0.00
86) Perylene-d12	24.969	264	187686	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.639	112	49649	43.914	ng	0.00
7) Phenol-d6	7.231	99	141082	91.986	ng	0.00
23) Nitrobenzene-d5	9.229	82	118703	75.067	ng	0.00
42) 2,4,6-Tribromophenol	16.179	330	16149	14.880	ng	0.00
45) 2-Fluorobiphenyl	13.318	172	344490	74.161	ng	0.00
79) Terphenyl-d14	20.045	244	704199	77.167	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.229	70	16123	15.647	ng	# 84
51) 2,6-Dinitrotoluene	14.693	165	9449	9.091	ng	# 16
56) 4-Nitrophenol	15.092	139	2012	2.814	ng	# 1
57) 2,4-Dinitrotoluene	14.693	165	9449	6.437	ng	# 21
71) Phenanthrene	17.478	178	48399	5.562	ng	98
72) Anthracene	17.478	178	48399	5.695	ng	99
75) Fluoranthene	19.487	202	40049	3.506	ng	98
77) Benzidine	20.045	184	9236	2.427	ng	# 91
78) Pyrene	19.846	202	30271	2.727	ng	97

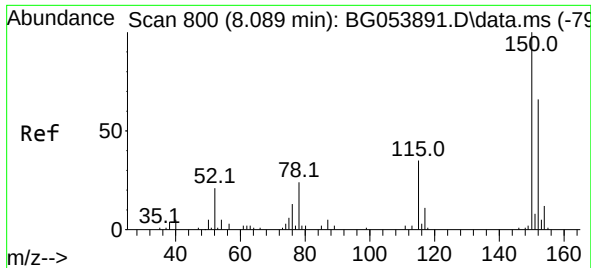
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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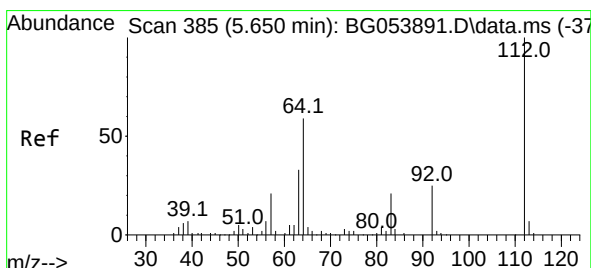
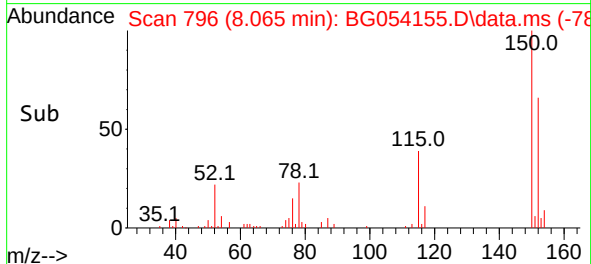
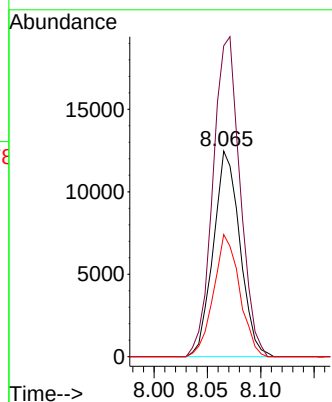
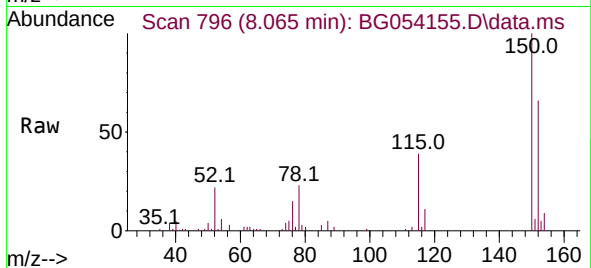




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.065 min Scan# 796
Delta R.T. -0.005 min
Lab File: BG054155.D
Acq: 29 Jun 2022 21:35

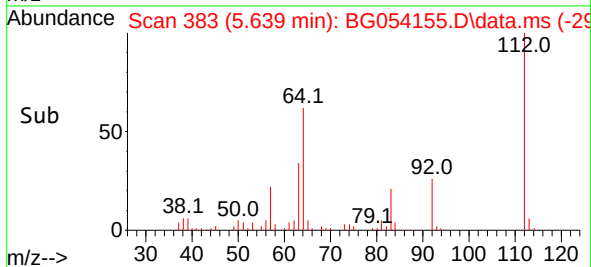
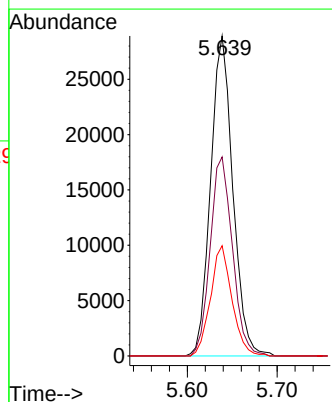
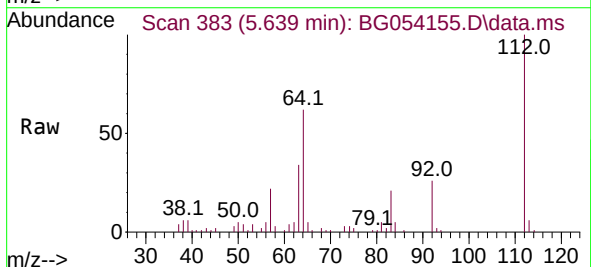
Instrument :
BNA_G
ClientSampleId :
CONCRETE-BLOCK

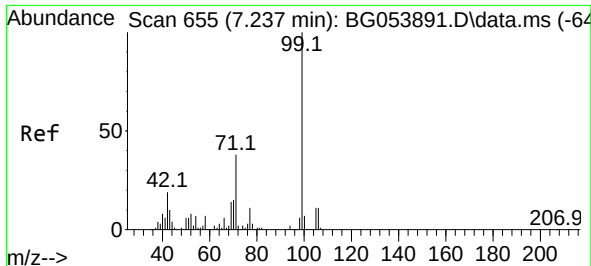
Tgt Ion:152 Resp: 21616
Ion Ratio Lower Upper
152 100
150 151.2 131.6 197.4
115 59.4 50.9 76.3



#5
2-Fluorophenol
Concen: 43.914 ng
RT: 5.639 min Scan# 383
Delta R.T. 0.001 min
Lab File: BG054155.D
Acq: 29 Jun 2022 21:35

Tgt Ion:112 Resp: 49649
Ion Ratio Lower Upper
112 100
64 62.2 55.1 82.7
63 34.4 30.4 45.6

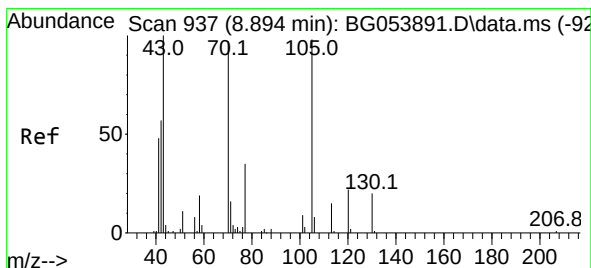
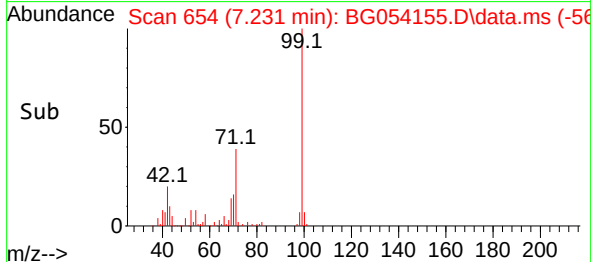
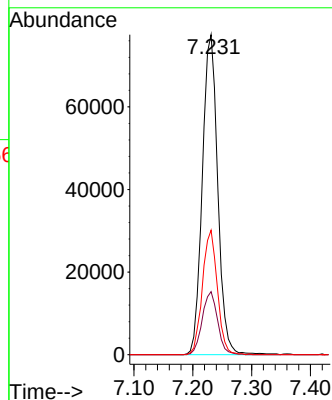
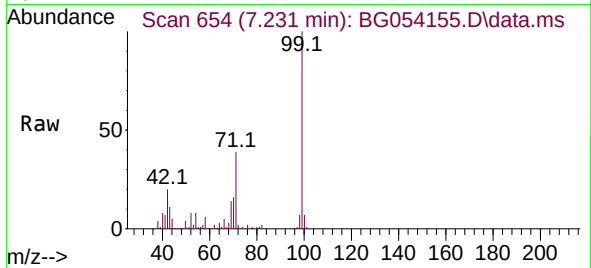




#7
Phenol-d6
Concen: 91.986 ng
RT: 7.231 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG054155.D
Acq: 29 Jun 2022 21:35

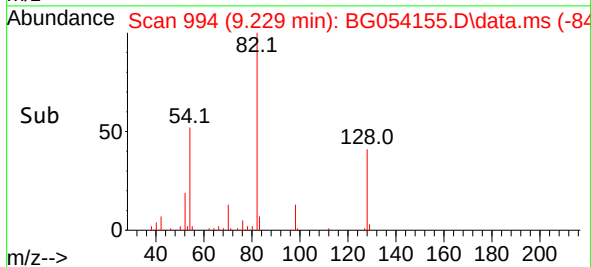
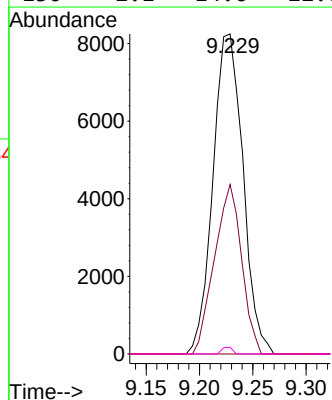
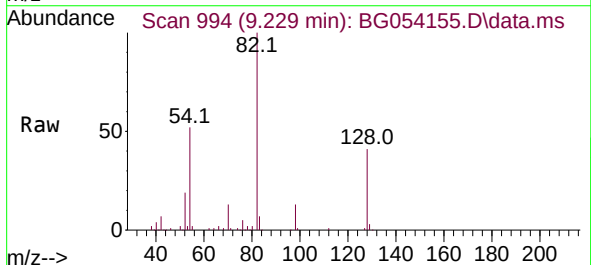
Instrument :
BNA_G
ClientSampleId :
CONCRETE-BLOCK

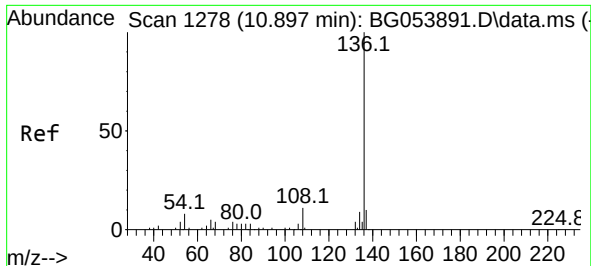
Tgt Ion: 99 Resp: 141082
Ion Ratio Lower Upper
99 100
42 19.7 17.0 25.6
71 38.9 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 15.647 ng
RT: 9.229 min Scan# 994
Delta R.T. 0.353 min
Lab File: BG054155.D
Acq: 29 Jun 2022 21:35

Tgt Ion: 70 Resp: 16123
Ion Ratio Lower Upper
70 100
42 53.0 47.3 70.9
101 0.0 7.0 10.4#
130 2.1 14.6 22.0#

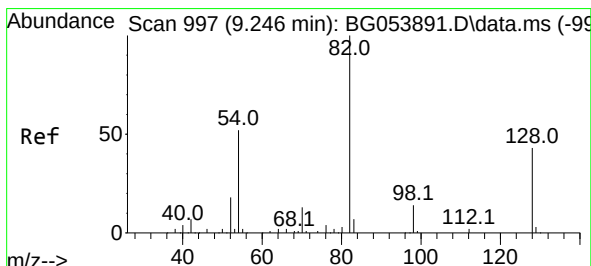
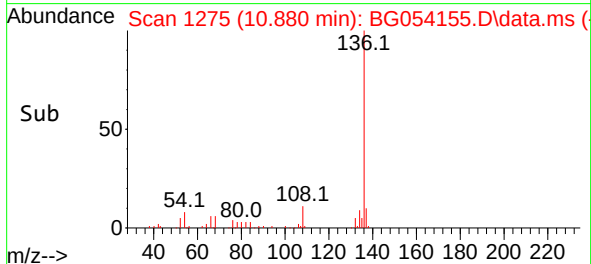
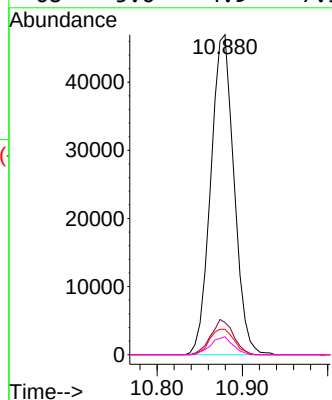
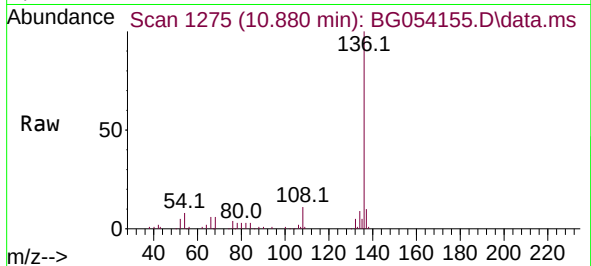




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.880 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG054155.D
Acq: 29 Jun 2022 21:35

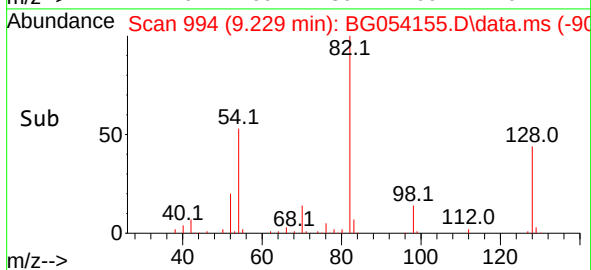
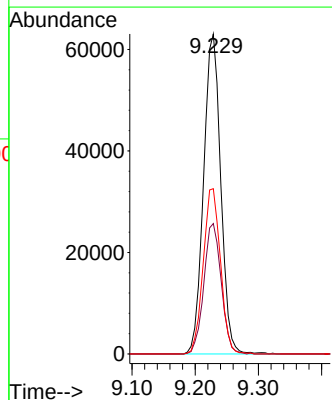
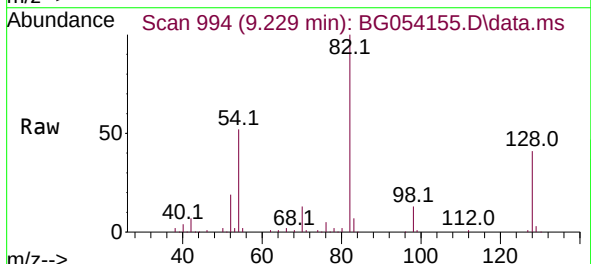
Instrument :
BNA_G
ClientSampleId :
CONCRETE-BLOCK

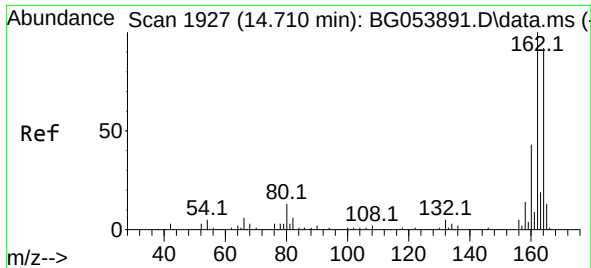
Tgt Ion:	136	Resp:	88863
Ion Ratio	Lower	Upper	
136	100		
137	10.1	8.5	12.7
54	7.9	7.4	11.2
68	5.6	4.9	7.3



#23
Nitrobenzene-d5
Concen: 75.067 ng
RT: 9.229 min Scan# 994
Delta R.T. -0.005 min
Lab File: BG054155.D
Acq: 29 Jun 2022 21:35

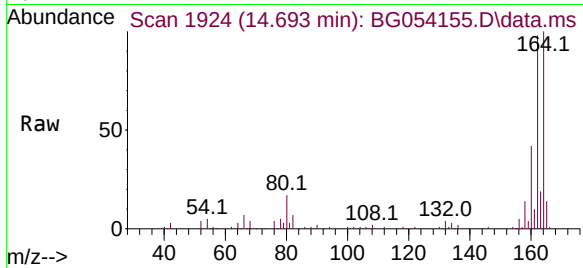
Tgt Ion:	82	Resp:	118703
Ion Ratio	Lower	Upper	
82	100		
128	40.7	27.9	41.9
54	51.6	41.2	61.8



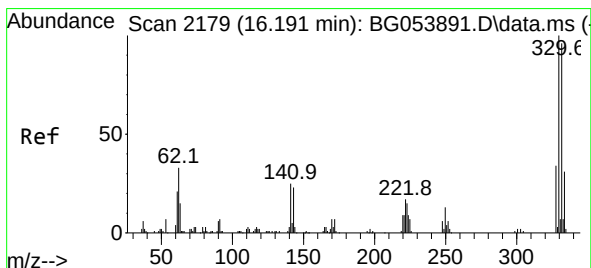
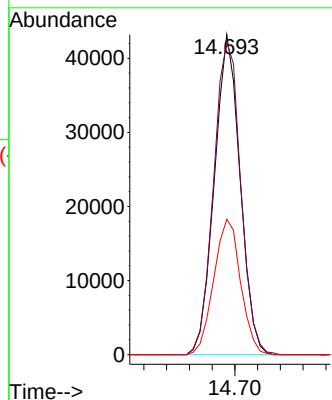
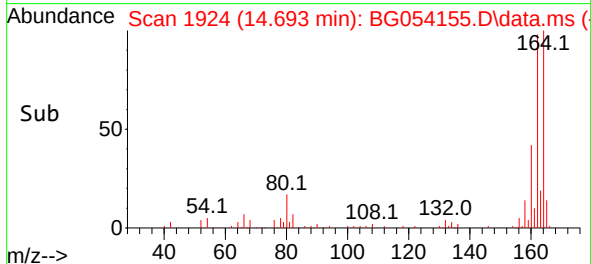


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.693 min Scan# 1924
Delta R.T. -0.005 min
Lab File: BG054155.D
Acq: 29 Jun 2022 21:35

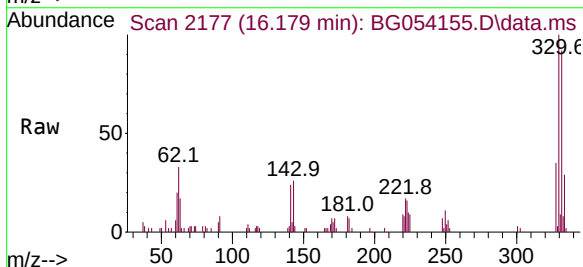
Instrument :
BNA_G
ClientSampleId :
CONCRETE-BLOCK



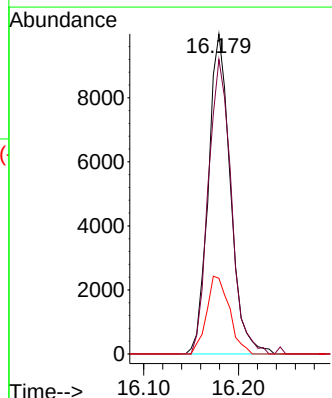
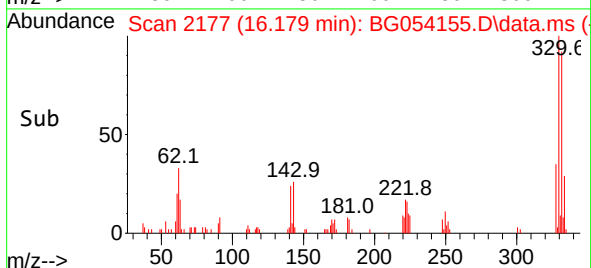
Tgt Ion:164 Resp: 67547
Ion Ratio Lower Upper
164 100
162 97.7 82.3 123.5
160 42.3 34.2 51.2

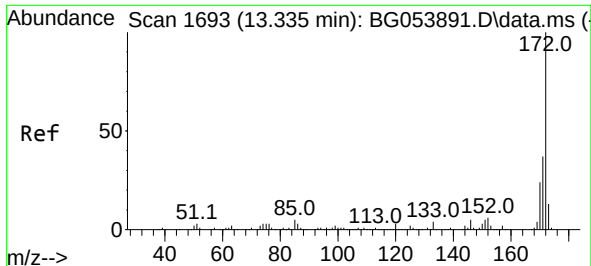


#42
2,4,6-Tribromophenol
Concen: 14.880 ng
RT: 16.179 min Scan# 2177
Delta R.T. -0.005 min
Lab File: BG054155.D
Acq: 29 Jun 2022 21:35



Tgt Ion:330 Resp: 16149
Ion Ratio Lower Upper
330 100
332 94.9 76.0 114.0
141 25.0 27.1 40.7#

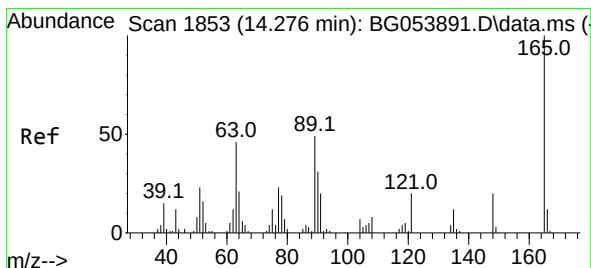
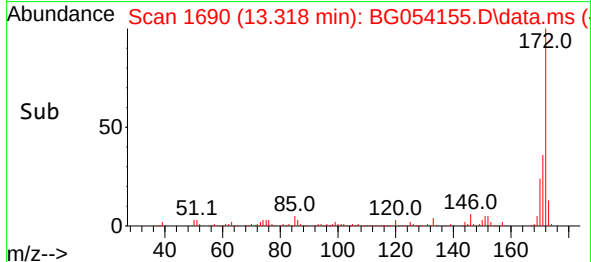
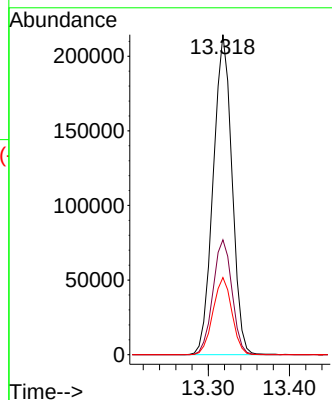
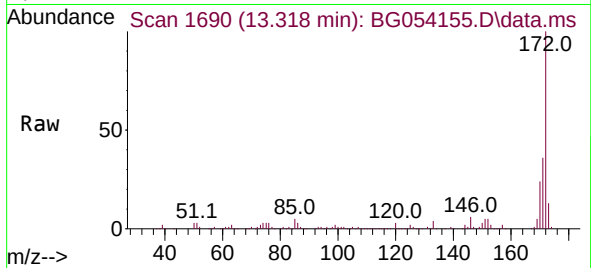




#45
2-Fluorobiphenyl
Concen: 74.161 ng
RT: 13.318 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG054155.D
Acq: 29 Jun 2022 21:35

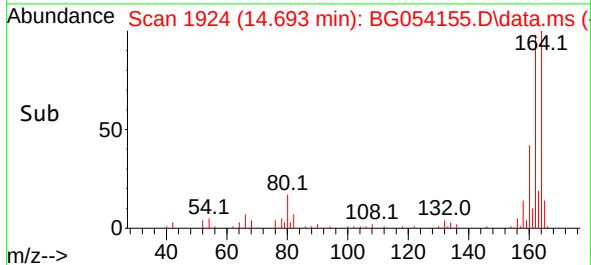
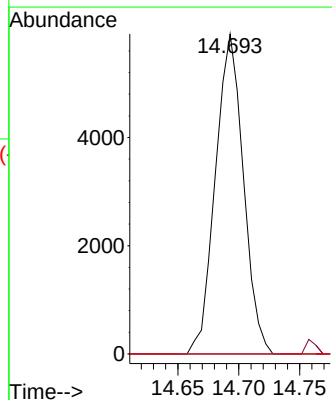
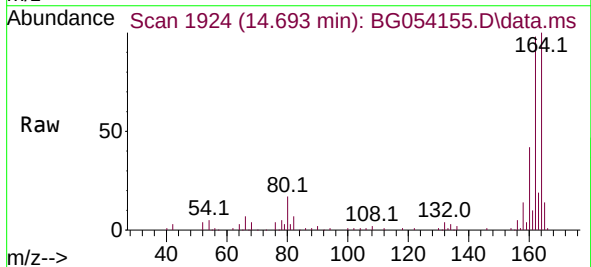
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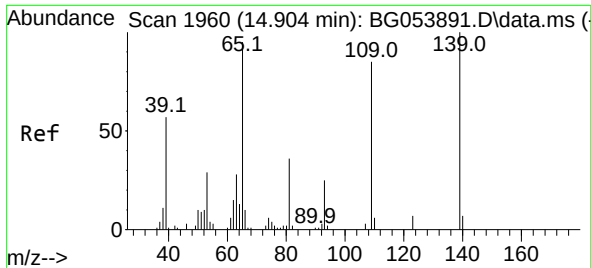
Tgt Ion:172 Resp: 344490
Ion Ratio Lower Upper
172 100
171 35.9 28.5 42.7
170 24.1 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 9.091 ng
RT: 14.693 min Scan# 1924
Delta R.T. 0.430 min
Lab File: BG054155.D
Acq: 29 Jun 2022 21:35

Tgt Ion:165 Resp: 9449
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#

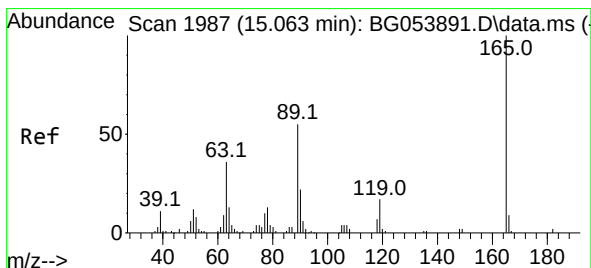
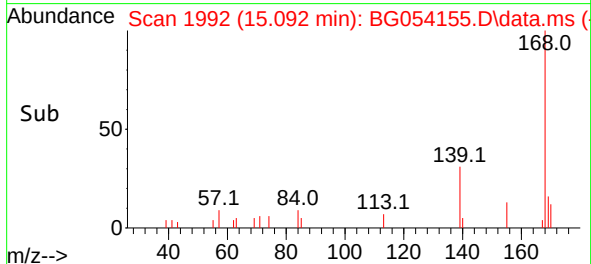
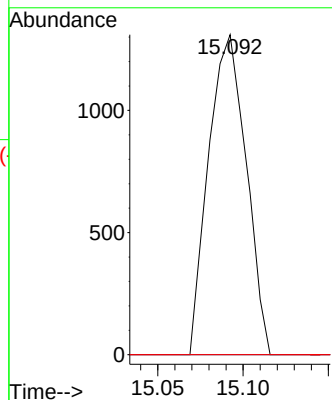
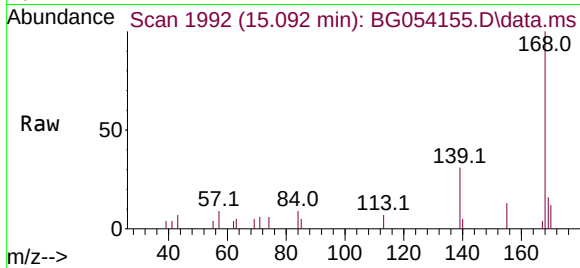




#56
4-Nitrophenol
Concen: 2.814 ng
RT: 15.092 min Scan# 1992
Delta R.T. 0.195 min
Lab File: BG054155.D
Acq: 29 Jun 2022 21:35

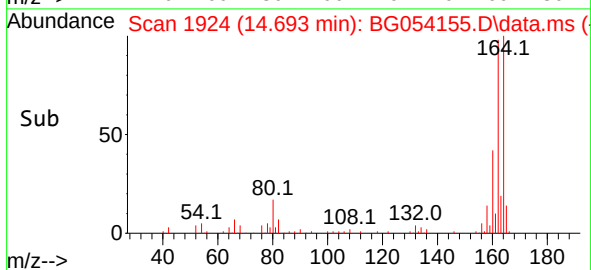
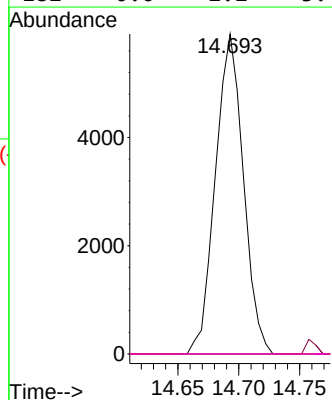
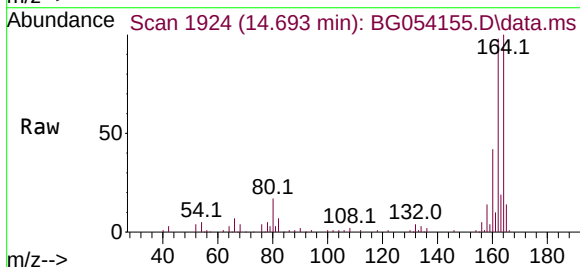
Instrument :
BNA_G
ClientSampleId :
CONCRETE-BLOCK

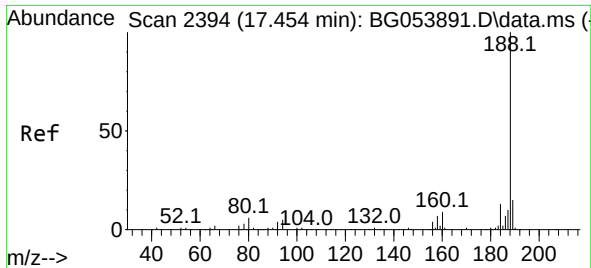
Tgt Ion:139 Resp: 2012
Ion Ratio Lower Upper
139 100
109 0.0 88.5 128.5#
65 0.0 93.9 133.9#



#57
2,4-Dinitrotoluene
Concen: 6.437 ng
RT: 14.693 min Scan# 1924
Delta R.T. -0.358 min
Lab File: BG054155.D
Acq: 29 Jun 2022 21:35

Tgt Ion:165 Resp: 9449
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#

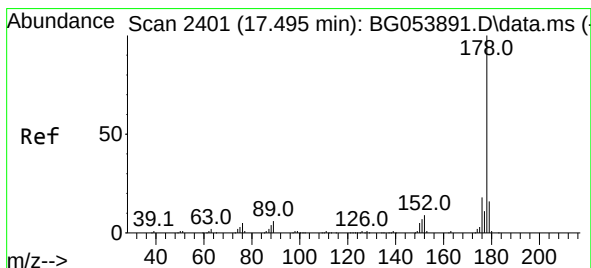
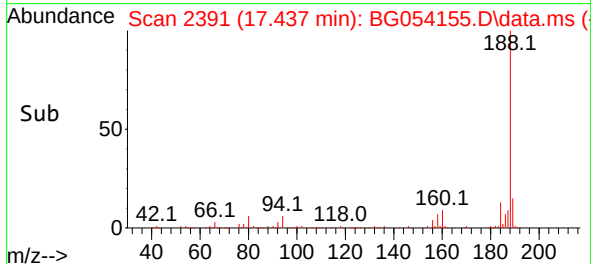
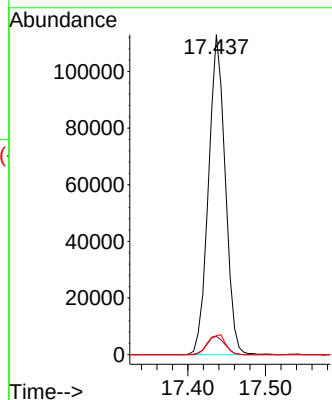
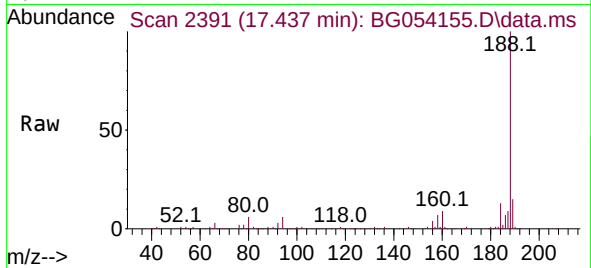




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.437 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG054155.D
Acq: 29 Jun 2022 21:35

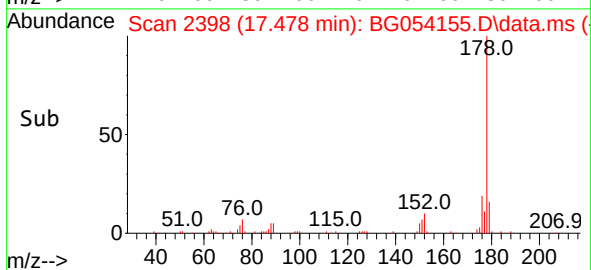
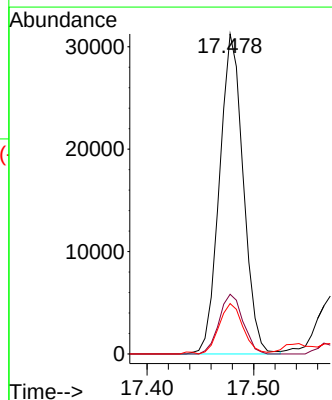
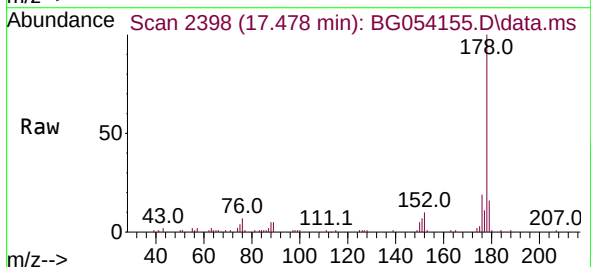
Instrument :
BNA_G
ClientSampleId :
CONCRETE-BLOCK

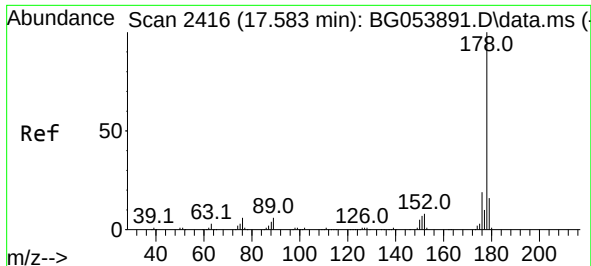
Tgt Ion:188 Resp: 169383
Ion Ratio Lower Upper
188 100
94 5.7 5.4 8.0
80 5.9 6.8 10.2#



#71
Phenanthrene
Concen: 5.562 ng
RT: 17.478 min Scan# 2398
Delta R.T. -0.005 min
Lab File: BG054155.D
Acq: 29 Jun 2022 21:35

Tgt Ion:178 Resp: 48399
Ion Ratio Lower Upper
178 100
176 18.7 14.1 21.1
179 15.8 12.1 18.1

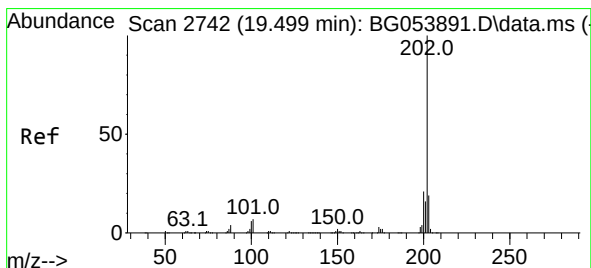
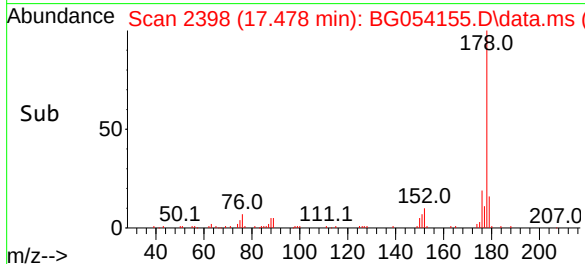
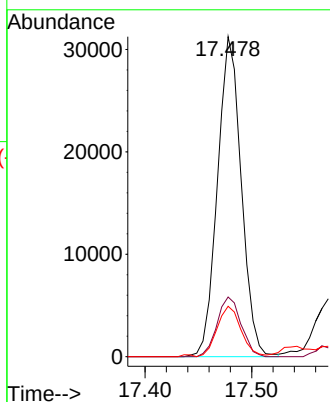
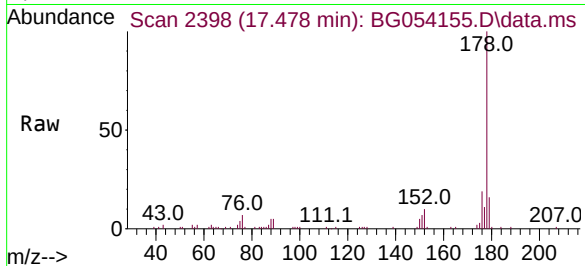




#72
 Anthracene
 Concen: 5.695 ng
 RT: 17.478 min Scan# 21
 Delta R.T. -0.099 min
 Lab File: BG054155.D
 Acq: 29 Jun 2022 21:35

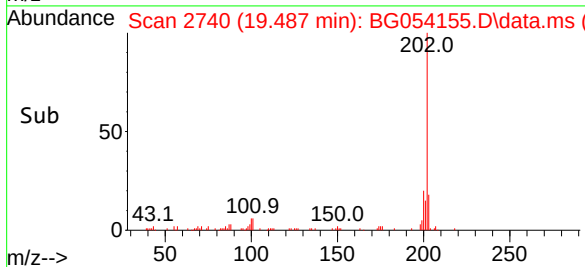
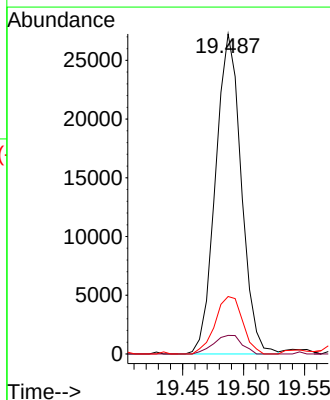
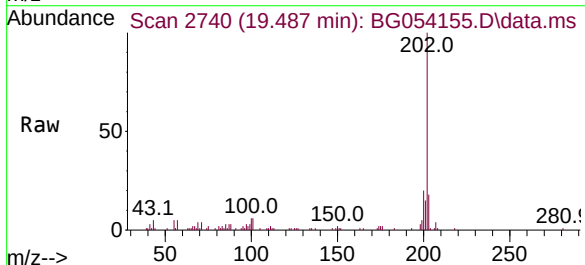
Instrument :
 BNA_G
 ClientSampleId :
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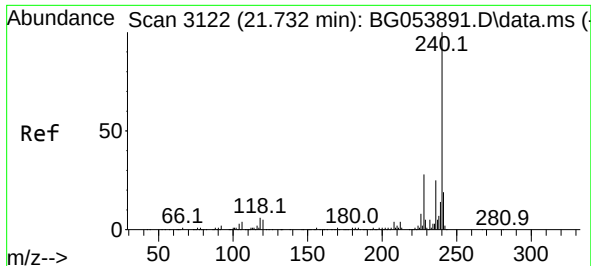
Tgt Ion:178 Resp: 48399
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.2 22.8
 179 15.8 13.0 19.4



#75
 Fluoranthene
 Concen: 3.506 ng
 RT: 19.487 min Scan# 2740
 Delta R.T. -0.005 min
 Lab File: BG054155.D
 Acq: 29 Jun 2022 21:35

Tgt Ion:202 Resp: 40049
 Ion Ratio Lower Upper
 202 100
 101 5.8 0.0 26.9
 203 17.9 0.0 37.2

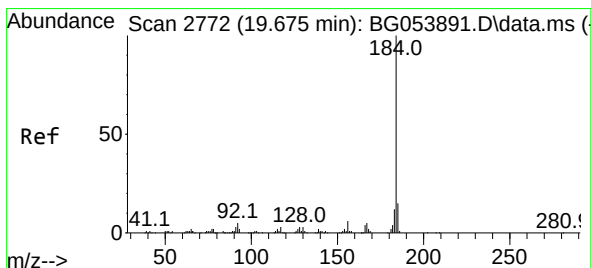
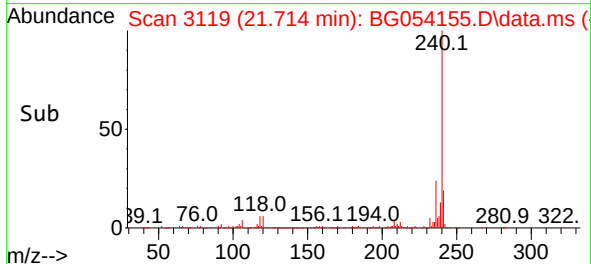
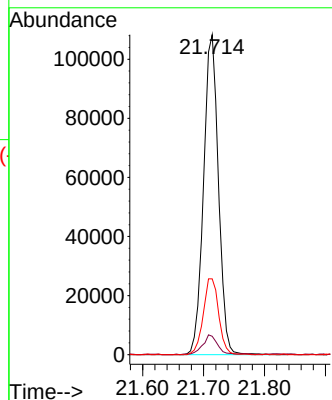
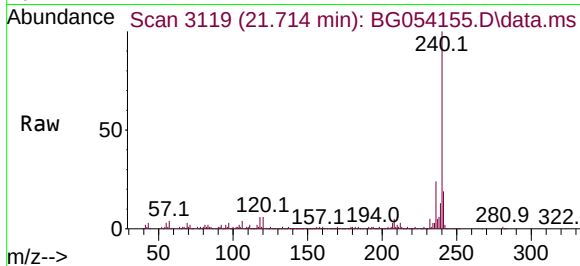




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.714 min Scan# 31
Delta R.T. -0.005 min
Lab File: BG054155.D
Acq: 29 Jun 2022 21:35

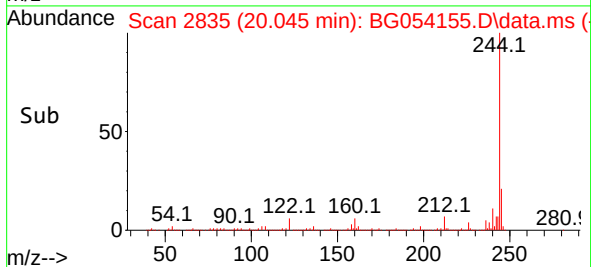
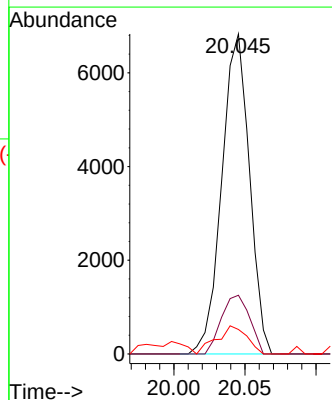
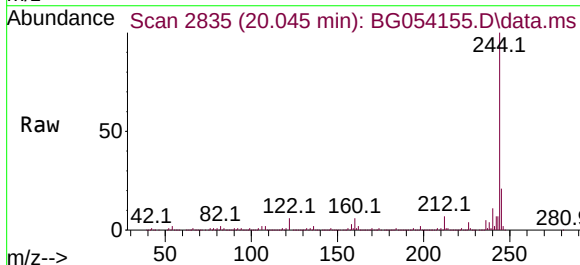
Instrument :
BNA_G
ClientSampleId :
CONCRETE-BLOCK

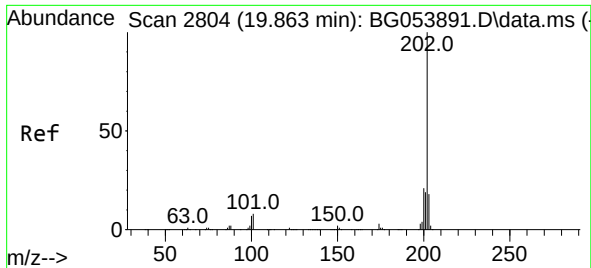
Tgt Ion:240 Resp: 183798
Ion Ratio Lower Upper
240 100
120 5.7 4.6 7.0
236 23.7 20.2 30.4



#77
Benzidine
Concen: 2.427 ng
RT: 20.045 min Scan# 2835
Delta R.T. 0.383 min
Lab File: BG054155.D
Acq: 29 Jun 2022 21:35

Tgt Ion:184 Resp: 9236
Ion Ratio Lower Upper
184 100
185 18.3 11.8 17.6#
183 7.7 8.9 13.3#

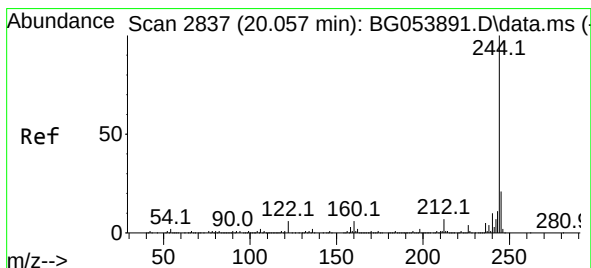
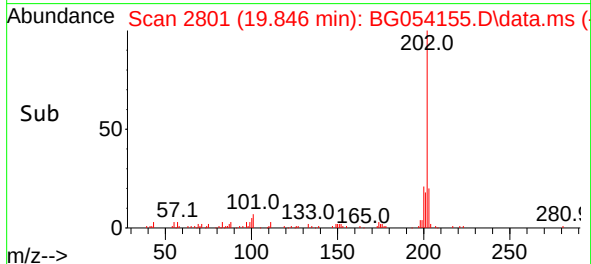
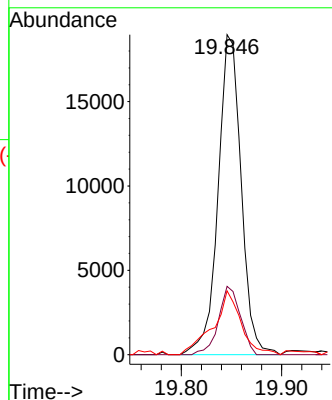
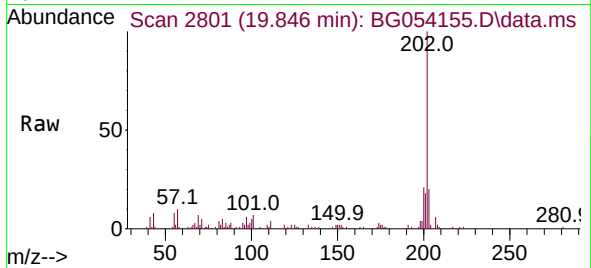




#78
 Pyrene
 Concen: 2.727 ng
 RT: 19.846 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG054155.D
 Acq: 29 Jun 2022 21:35

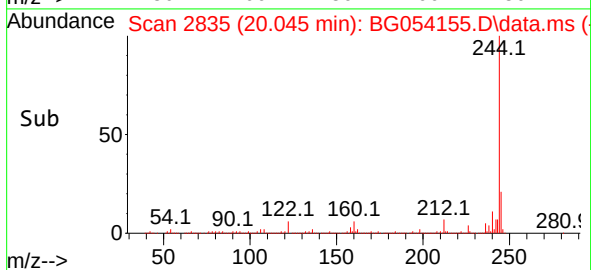
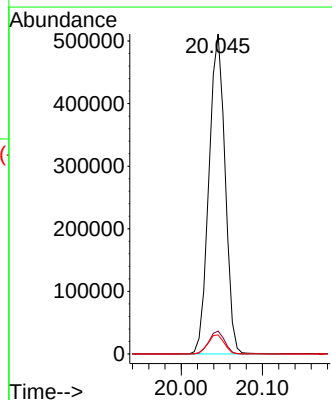
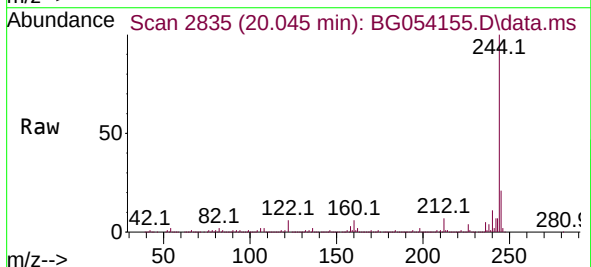
Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-BLOCK

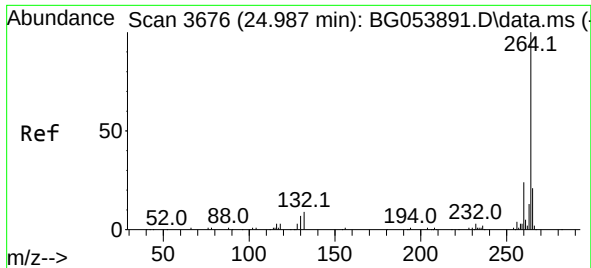
Tgt Ion:202	Resp:	30271
Ion Ratio	Lower	Upper
202	100	
200	21.3	16.6 24.8
203	20.0	14.6 21.8



#79
 Terphenyl-d14
 Concen: 77.167 ng
 RT: 20.045 min Scan# 2835
 Delta R.T. 0.001 min
 Lab File: BG054155.D
 Acq: 29 Jun 2022 21:35

Tgt Ion:244	Resp:	704199
Ion Ratio	Lower	Upper
244	100	
212	7.2	6.5 9.7
122	5.9	5.0 7.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.969 min Scan# 30
 Delta R.T. 0.007 min
 Lab File: BG054155.D
 Acq: 29 Jun 2022 21:35

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-BLOCK

Tgt Ion:264 Resp: 187686
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.0 28.6
 265 21.4 17.4 26.2

