

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)

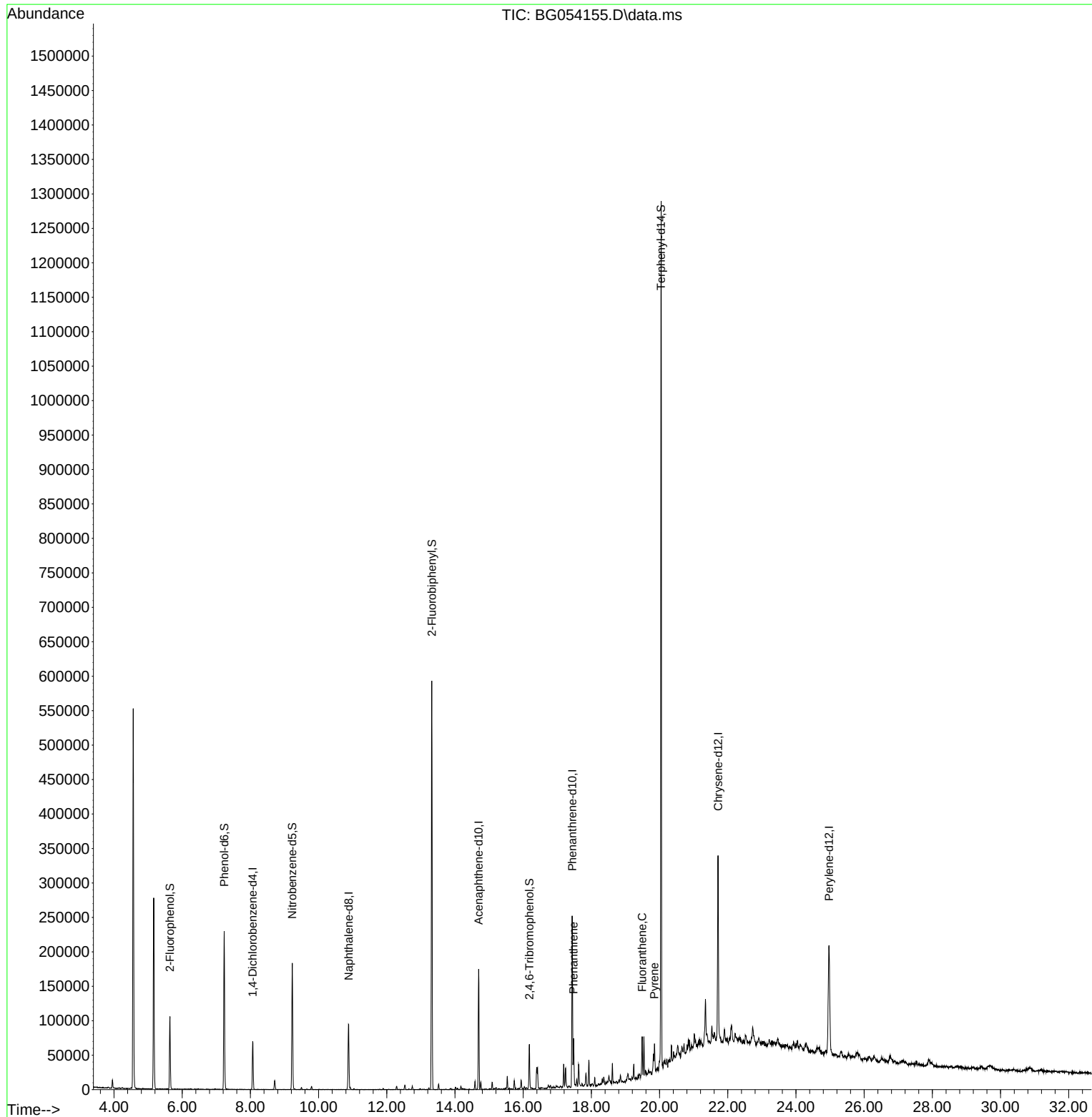
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.065	152	21616	20.000	ng	0.00
21) Naphthalene-d8	10.880	136	88863	20.000	ng	0.00
39) Acenaphthene-d10	14.693	164	67547	20.000	ng	0.00
64) Phenanthrene-d10	17.437	188	169383	20.000	ng	# 0.00
76) Chrysene-d12	21.714	240	183798	20.000	ng	0.00
86) Perylene-d12	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
71) Phenanthrene	17.478	178	48399	5.562	ng	98
75) Fluoranthene	19.487	202	40049	3.506	ng	98
78) Pyrene	19.846	202	30271	2.727	ng	97

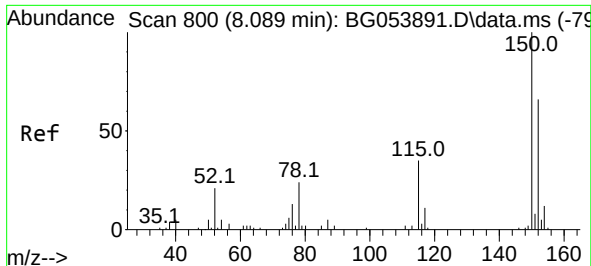
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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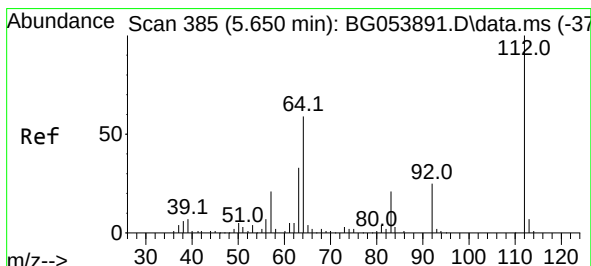
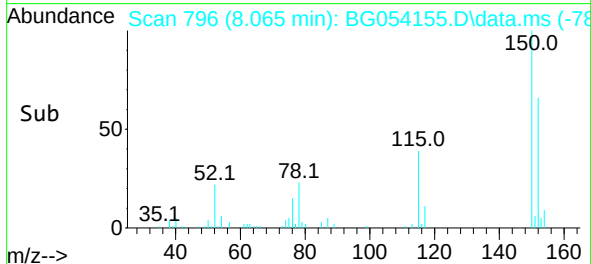
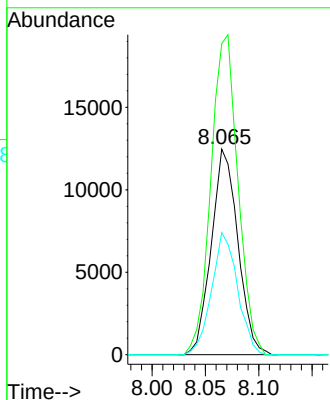
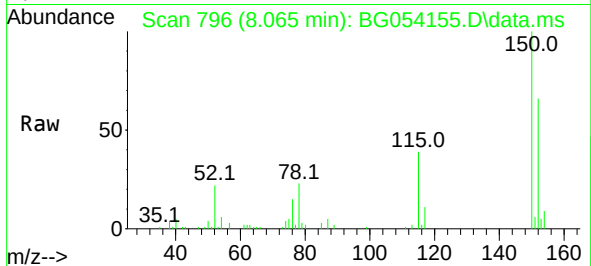




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.065 min Scan# 79
Delta R.T. -0.005 min
Lab File: BG054155.D
Acq: 29 Jun 2022 21:35

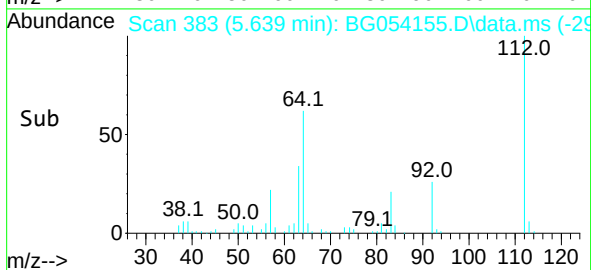
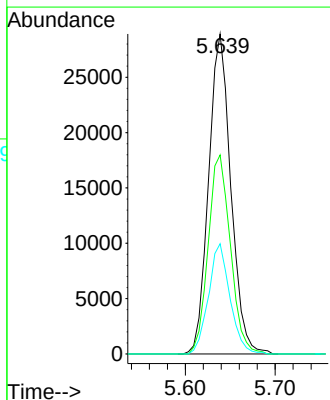
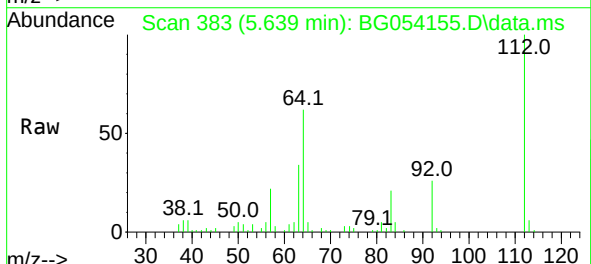
Instrument :
BNA_G
ClientSampleId :
CONCRETE-BLOCK

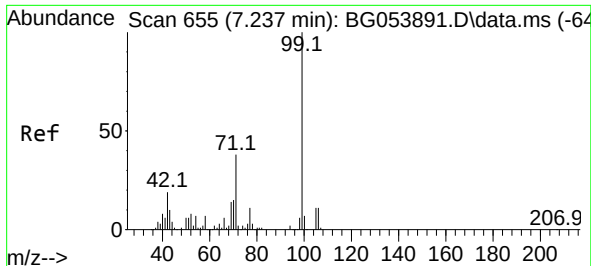
Tgt Ion:152 Resp: 21616
Ion Ratio Lower Upper
152 100
150 151.2 131.6 197.4
115 59.4 50.9 76.3



#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

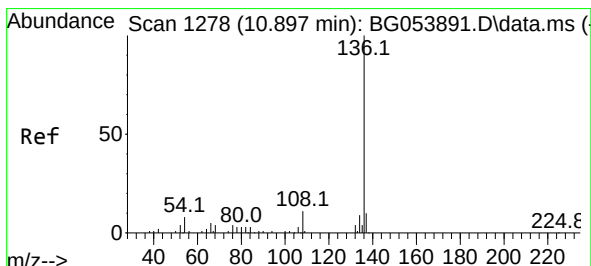
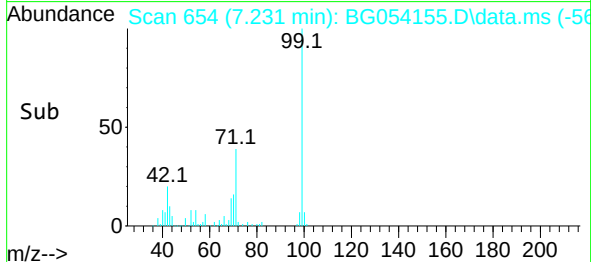
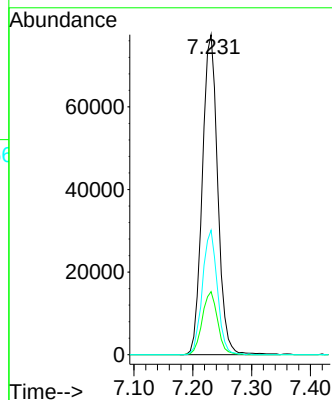
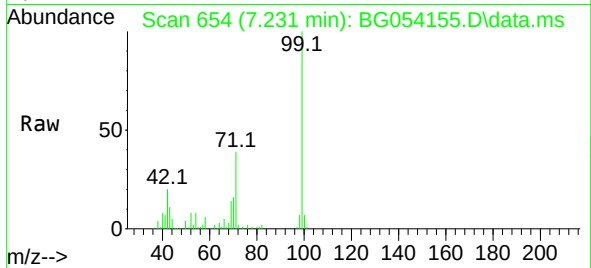




#7
Phenol-d6
Concen: 91.986 ng
RT: 7.231 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG054155.D
Acq: 29 Jun 2022 21:35

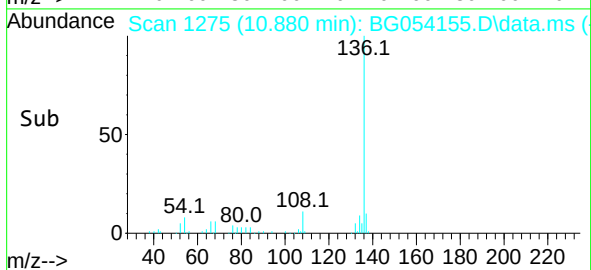
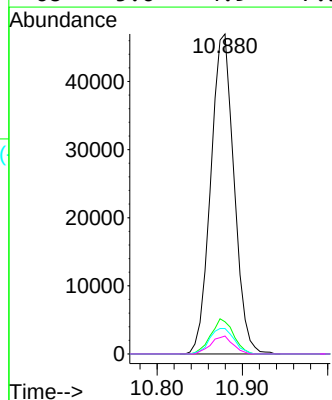
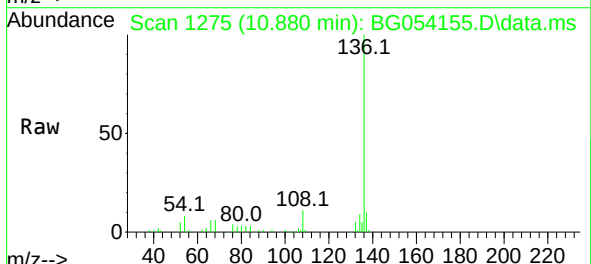
Instrument :
BNA_G
ClientSampleId :
CONCRETE-BLOCK

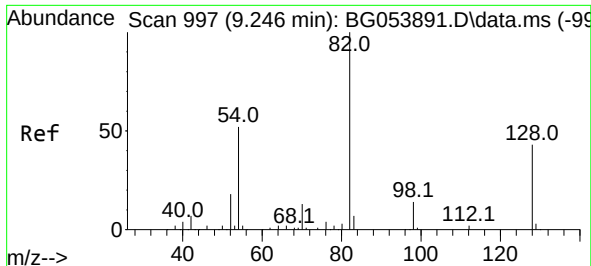
Tgt Ion: 99 Resp: 141082
Ion Ratio Lower Upper
99 100
42 19.7 17.0 25.6
71 38.9 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.880 min Scan# 1275
Delta R.T. 0.001 min
Lab File: BG054155.D
Acq: 29 Jun 2022 21:35

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

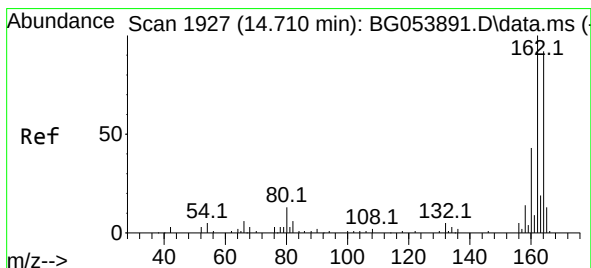
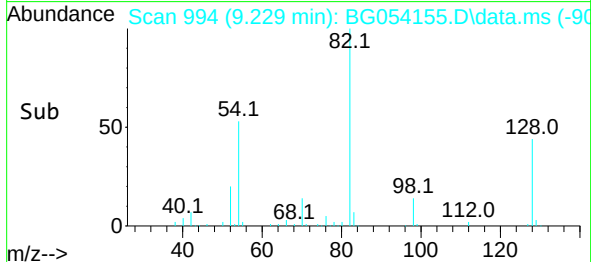
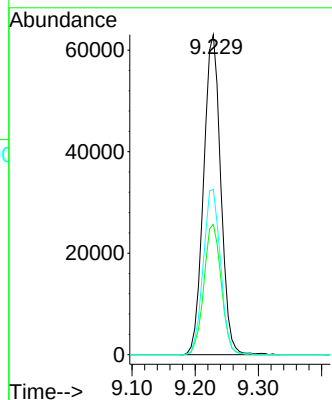
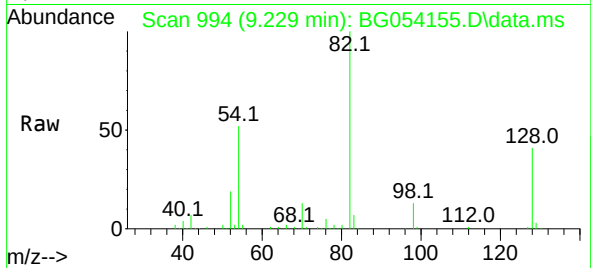




#23
Nitrobenzene-d5
Concen: 75.067 ng
RT: 9.229 min Scan# 91
Delta R.T. -0.005 min
Lab File: BG054155.D
Acq: 29 Jun 2022 21:35

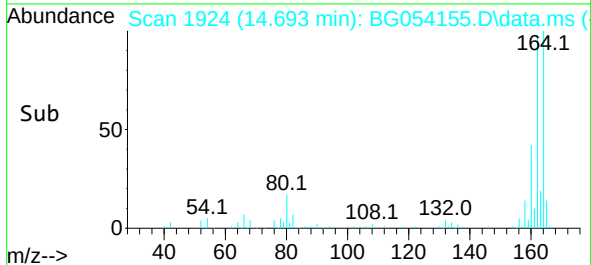
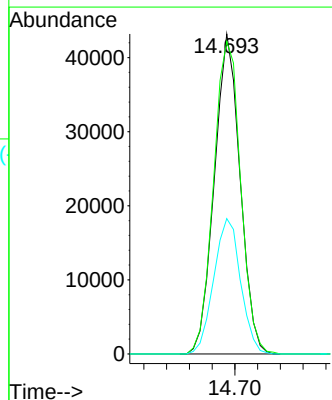
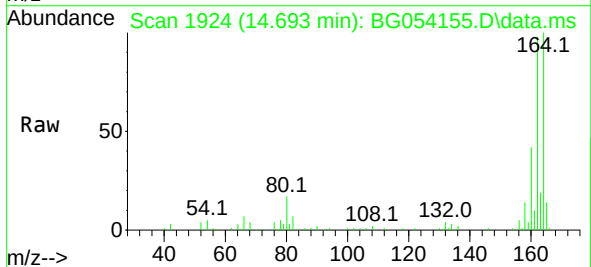
Instrument :
BNA_G
ClientSampleId :
CONCRETE-BLOCK

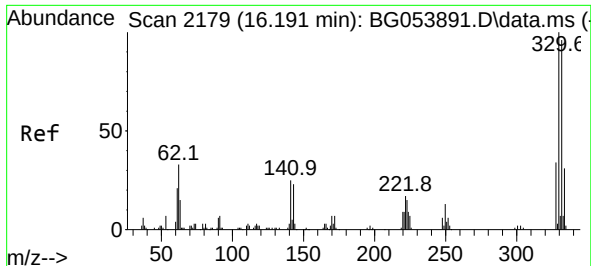
Tgt Ion: 82 Resp: 118703
Ion Ratio Lower Upper
82 100
128 40.7 27.9 41.9
54 51.6 41.2 61.8



#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

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# 21

Delta R.T. -0.005 min

Lab File: BG054155.D

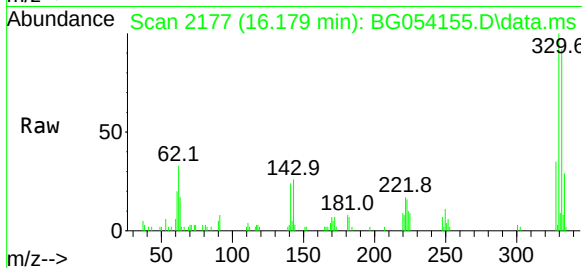
Acq: 29 Jun 2022 21:35

Instrument :

BNA_G

ClientSampleId :

CONCRETE-BLOCK



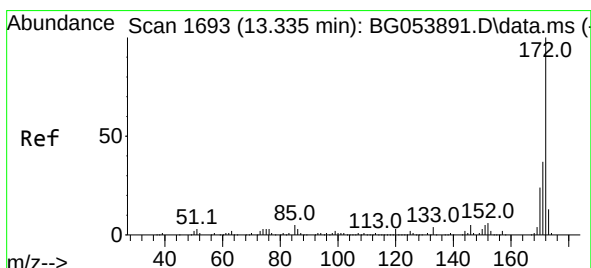
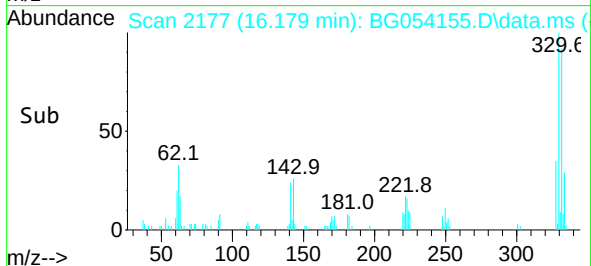
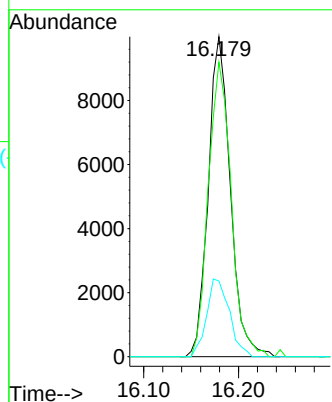
Tgt Ion:330 Resp: 16149

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# 1690

Delta R.T. -0.005 min

Lab File: BG054155.D

Acq: 29 Jun 2022 21:35

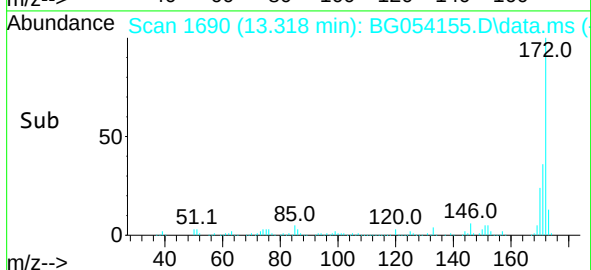
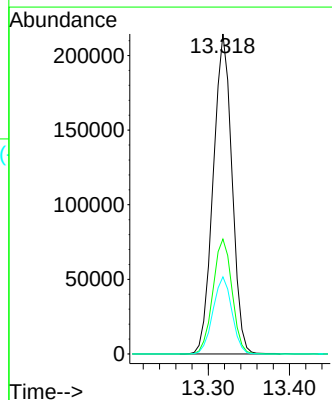
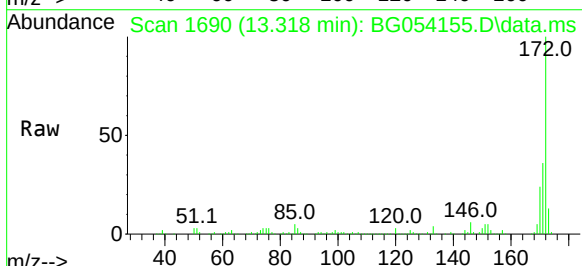
Tgt Ion:172 Resp: 344490

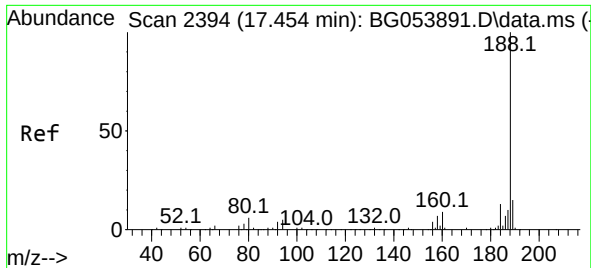
Ion Ratio Lower Upper

172 100

171 35.9 28.5 42.7

170 24.1 18.9 28.3

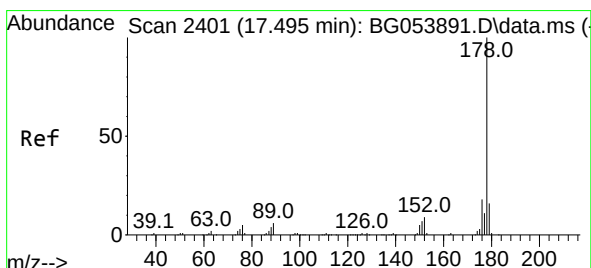
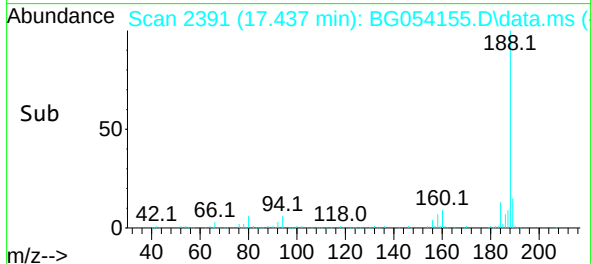
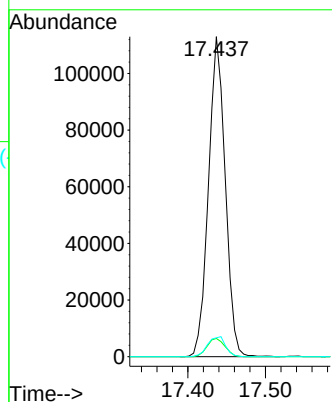
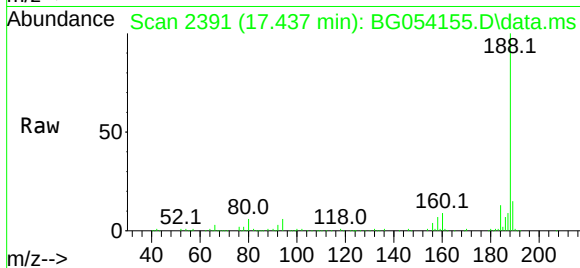




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.437 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG054155.D
Acq: 29 Jun 2022 21:35

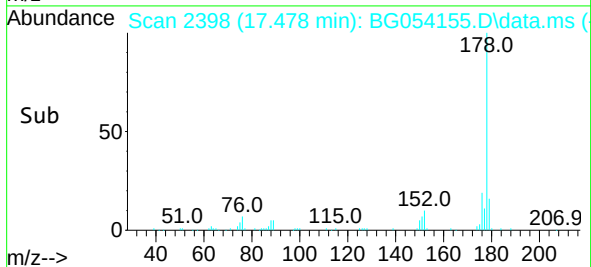
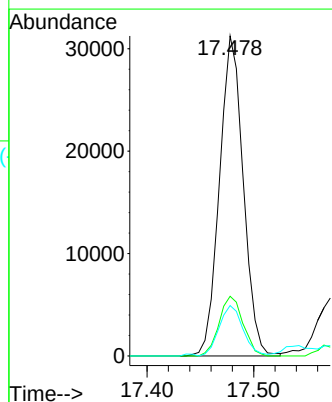
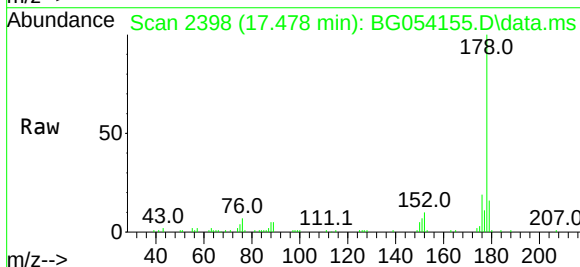
Instrument :
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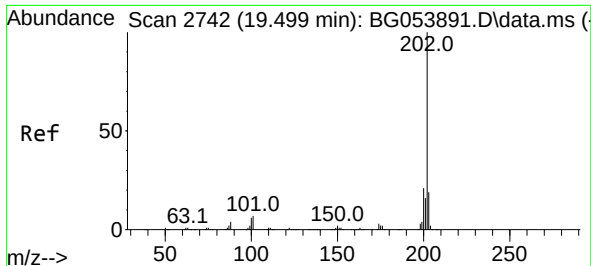
Tgt Ion:188 Resp: 169383
Ion Ratio Lower Upper
188 100
94 5.7 5.4 8.0
80 5.9 6.8 10.2#



#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

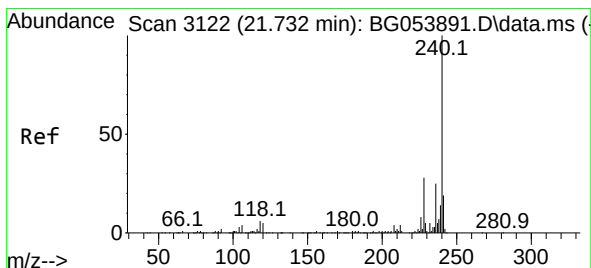
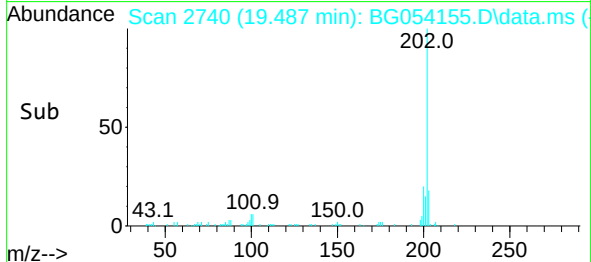
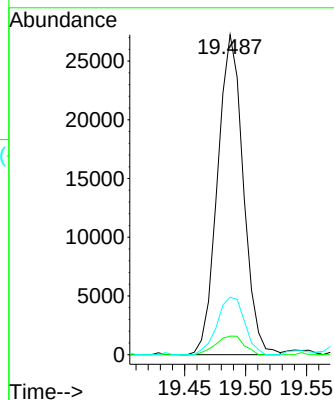
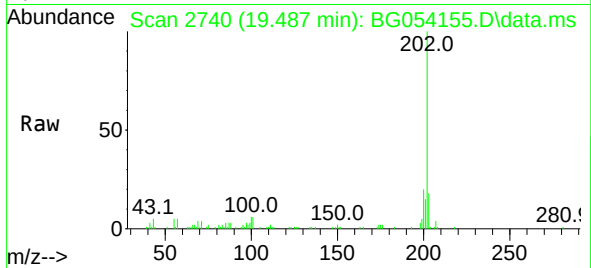




#75
Fluoranthene
Concen: 3.506 ng
RT: 19.487 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG054155.D
Acq: 29 Jun 2022 21:35

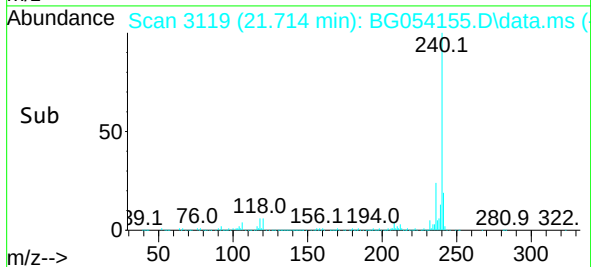
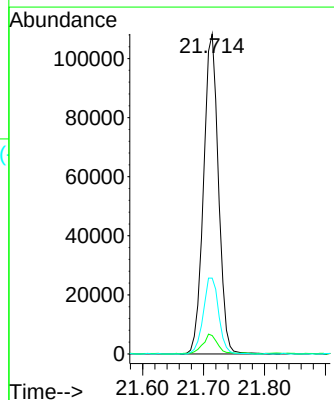
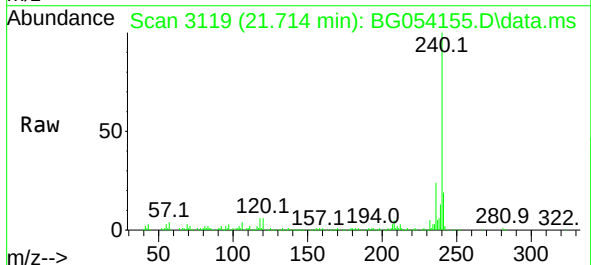
Instrument :
BNA_G
ClientSampleId :
CONCRETE-BLOCK

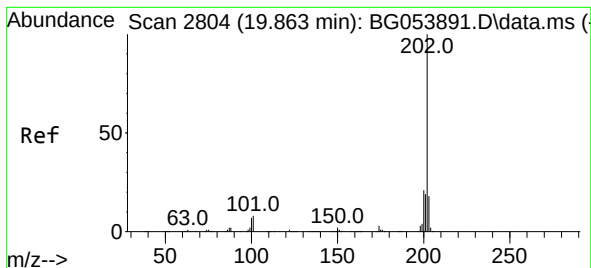
Tgt Ion:202 Resp: 40049
Ion Ratio Lower Upper
202 100
101 5.8 0.0 26.9
203 17.9 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.714 min Scan# 3119
Delta R.T. -0.005 min
Lab File: BG054155.D
Acq: 29 Jun 2022 21:35

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





#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

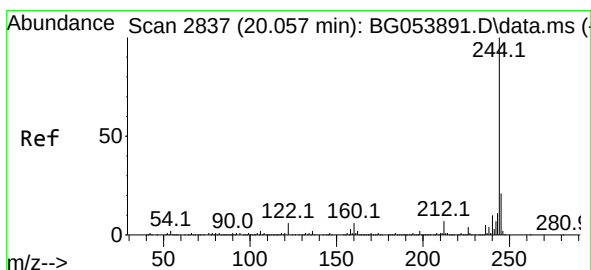
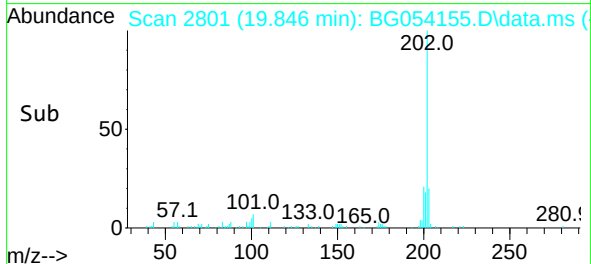
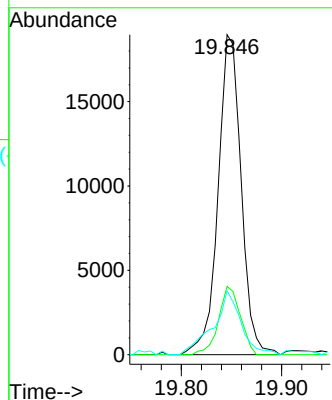
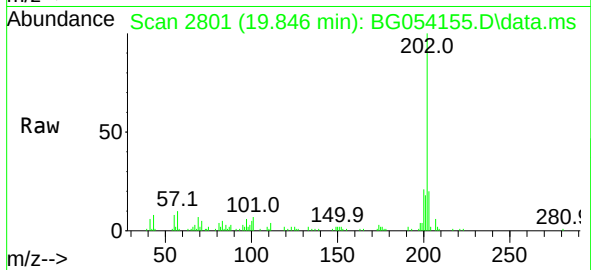
Tgt Ion:202 Resp: 30271

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

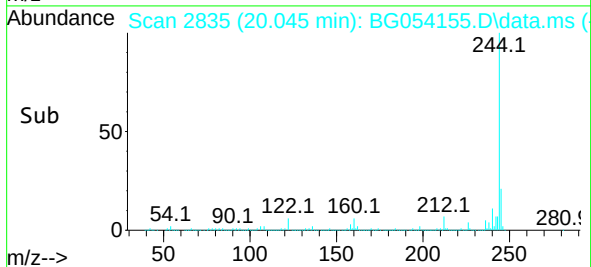
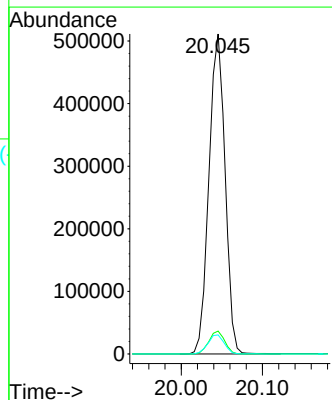
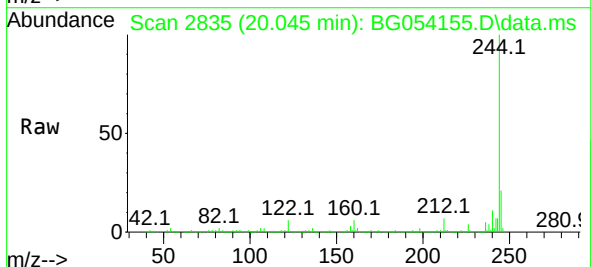
Tgt Ion:244 Resp: 704199

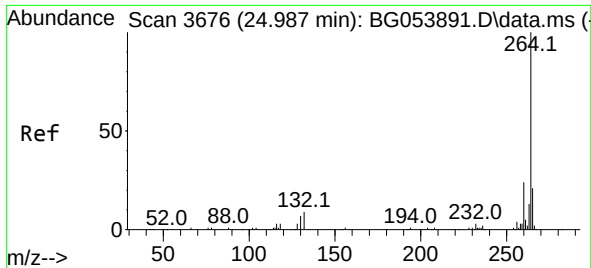
Ion Ratio Lower Upper

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

