

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121522\
 Data File : BG055986.D
 Acq On : 15 Dec 2022 21:14
 Operator : CG/JU
 Sample : N6058-01 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-121422

Quant Time: Dec 16 04:07:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 14 02:24:06 2022
 Response via : Initial Calibration

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

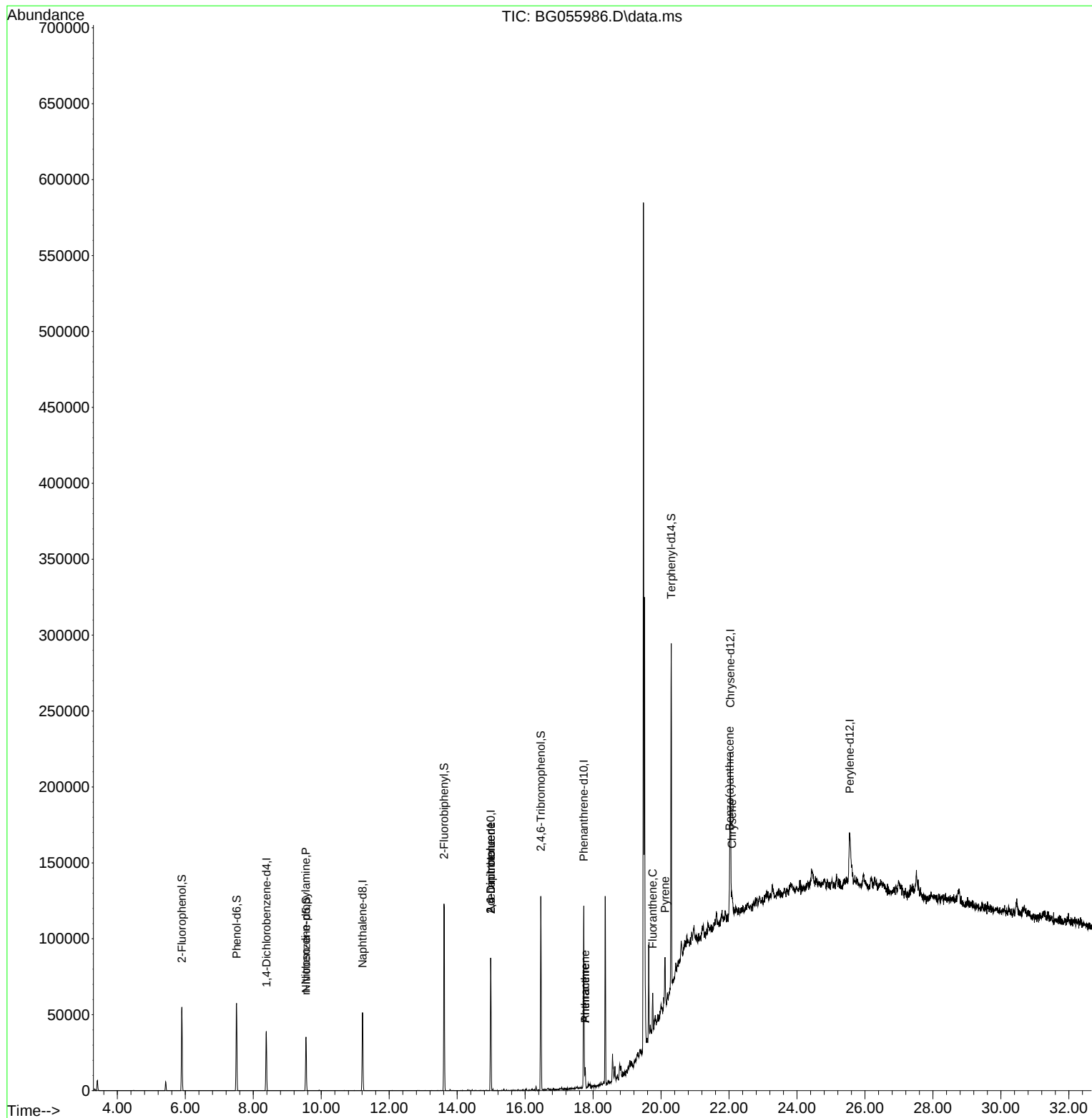
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.383	152	12499	20.000	ng	0.00
21) Naphthalene-d8	11.214	136	45641	20.000	ng	# 0.00
39) Acenaphthene-d10	14.987	164	34582	20.000	ng	0.00
64) Phenanthrene-d10	17.725	188	82253	20.000	ng	0.01
76) Chrysene-d12	22.037	240	81089	20.000	ng	# 0.01
86) Perylene-d12	25.551	264	70286	20.000	ng	# 0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.897	112	23150	43.436	ng	0.01
7) Phenol-d6	7.507	99	28455	41.512	ng	0.01
23) Nitrobenzene-d5	9.552	82	19035	29.145	ng	0.00
42) 2,4,6-Tribromophenol	16.461	330	34879	41.828	ng	0.00
45) 2-Fluorobiphenyl	13.612	172	70201	28.470	ng	0.00
79) Terphenyl-d14	20.298	244	126017	27.466	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.546	70	2965	6.035	ng	# 59
51) 2,6-Dinitrotoluene	14.987	165	4778	10.327	ng	# 25
57) 2,4-Dinitrotoluene	14.987	165	4778	6.841	ng	# 35
71) Phenanthrene	17.766	178	10610	2.461	ng	99
72) Anthracene	17.766	178	10610	2.488	ng	98
75) Fluoranthene	19.752	202	16852	2.792	ng	98
78) Pyrene	20.116	202	22972	4.682	ng	97
81) Benzo(a)anthracene	22.014	228	11517	2.018	ng	# 82
83) Chrysene	22.084	228	12356	2.310	ng	# 81

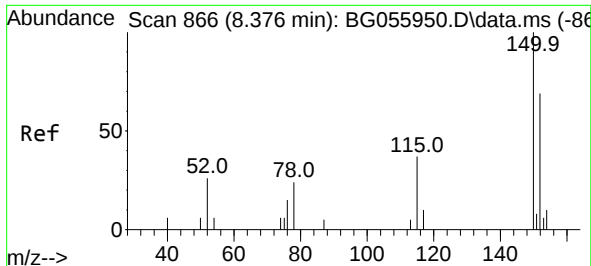
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121522\
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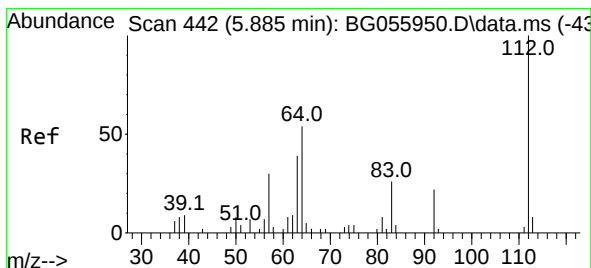
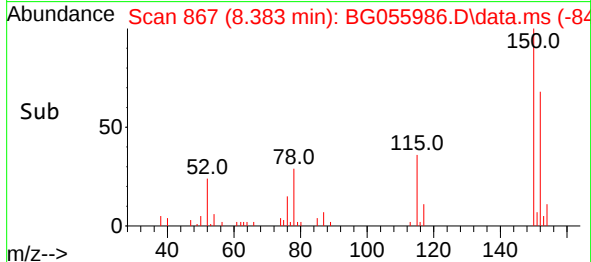
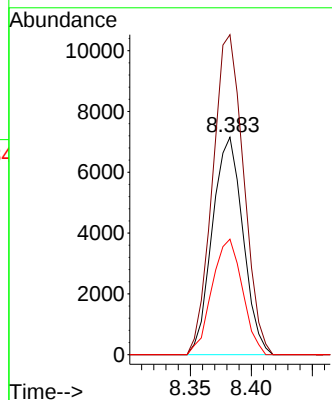
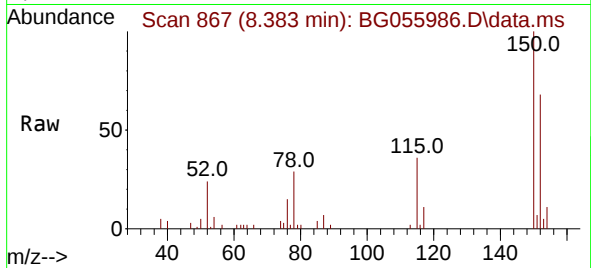




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.383 min Scan# 866
Delta R.T. 0.007 min
Lab File: BG055986.D
Acq: 15 Dec 2022 21:14

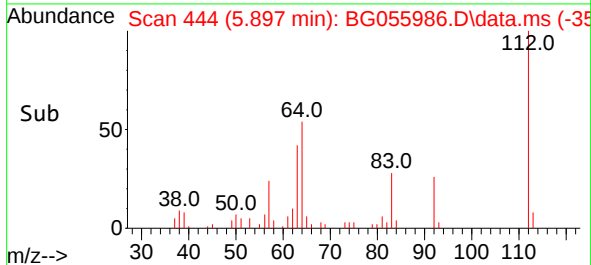
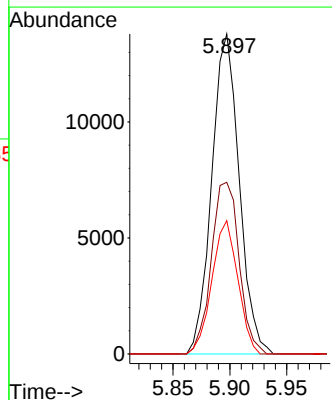
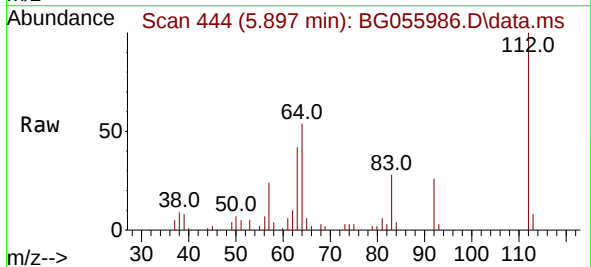
Instrument :
BNA_G
ClientSampleId :
SU-03-121422

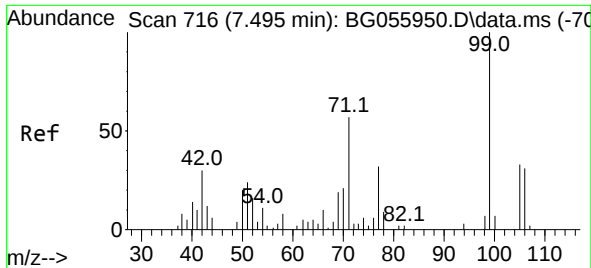
Tgt Ion:152 Resp: 12499
Ion Ratio Lower Upper
152 100
150 147.1 115.7 173.5
115 53.1 43.0 64.4



#5
2-Fluorophenol
Concen: 43.436 ng
RT: 5.897 min Scan# 444
Delta R.T. 0.012 min
Lab File: BG055986.D
Acq: 15 Dec 2022 21:14

Tgt Ion:112 Resp: 23150
Ion Ratio Lower Upper
112 100
64 53.6 43.0 64.4
63 41.7 31.4 47.2

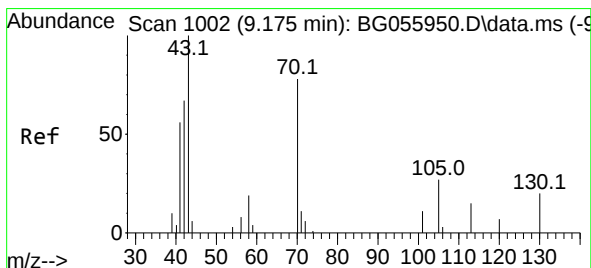
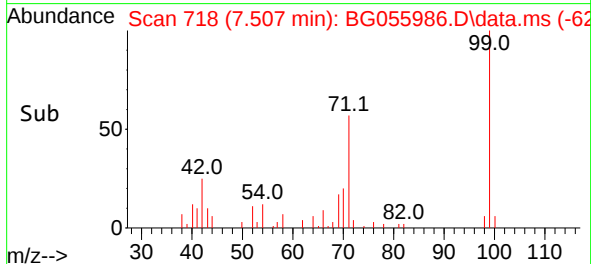
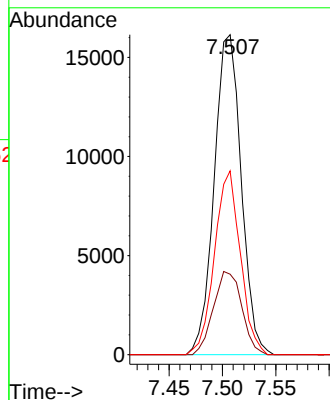
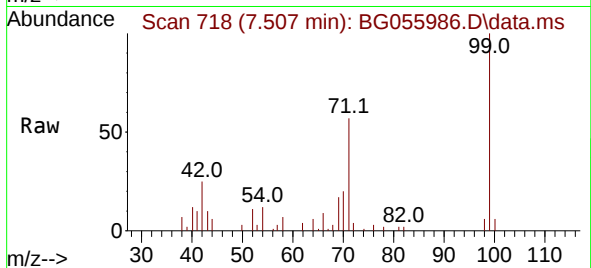




#7
Phenol-d6
Concen: 41.512 ng
RT: 7.507 min Scan# 716
Delta R.T. 0.012 min
Lab File: BG055986.D
Acq: 15 Dec 2022 21:14

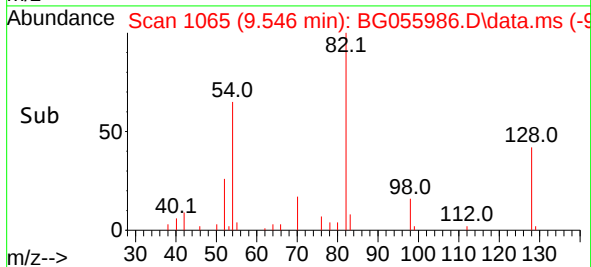
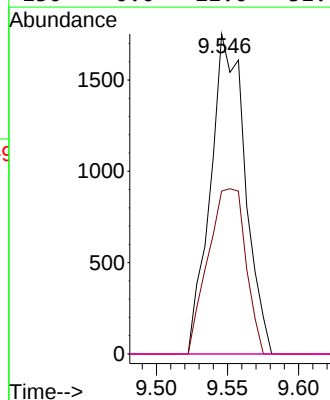
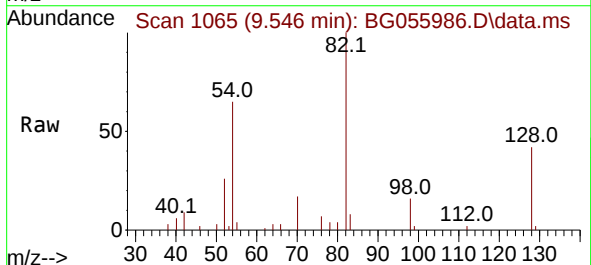
Instrument :
BNA_G
ClientSampleId :
SU-03-121422

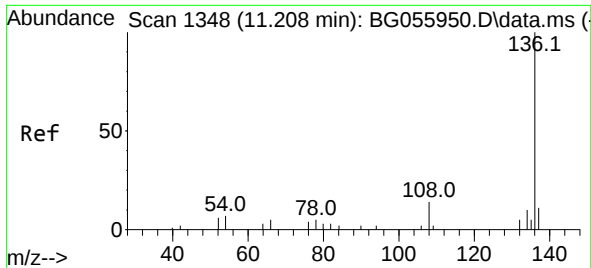
Tgt Ion: 99 Resp: 28455
Ion Ratio Lower Upper
99 100
42 25.1 24.3 36.5
71 57.5 45.6 68.4



#19
n-Nitroso-di-n-propylamine
Concen: 6.035 ng
RT: 9.546 min Scan# 1065
Delta R.T. 0.370 min
Lab File: BG055986.D
Acq: 15 Dec 2022 21:14

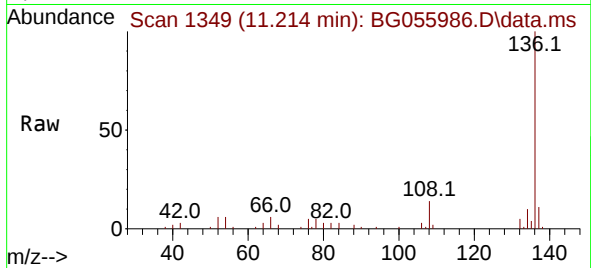
Tgt Ion: 70 Resp: 2965
Ion Ratio Lower Upper
70 100
42 50.9 69.0 103.4#
101 0.0 11.8 17.8#
130 0.0 21.0 31.4#



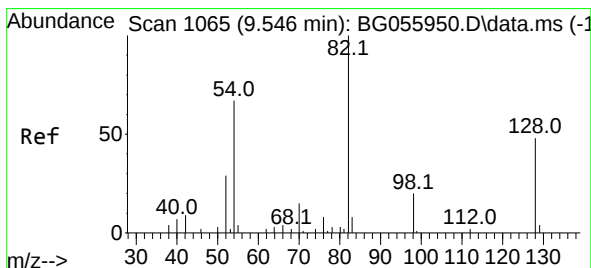
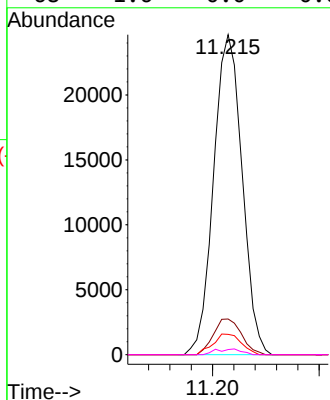
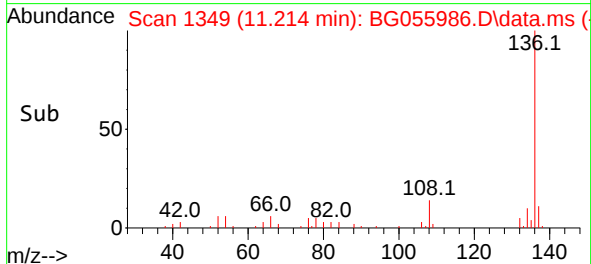


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.214 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BG055986.D
Acq: 15 Dec 2022 21:14

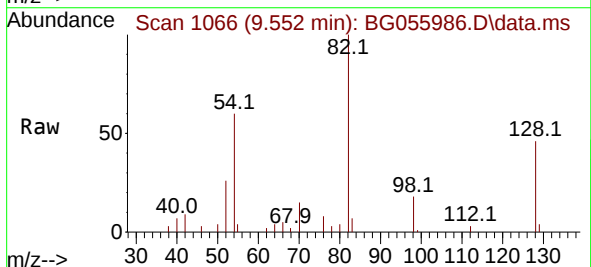
Instrument :
BNA_G
ClientSampleId :
SU-03-121422



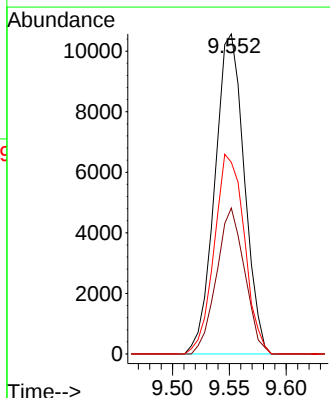
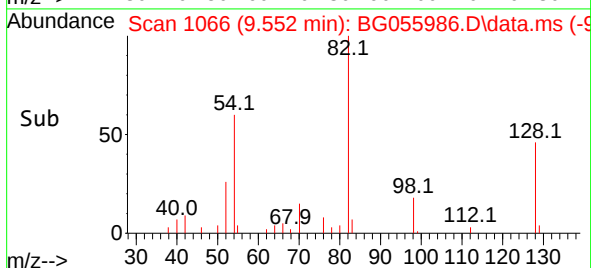
Tgt Ion:136 Resp: 45641
Ion Ratio Lower Upper
136 100
137 11.2 9.2 13.8
54 6.3 5.6 8.4
68 1.6 0.0 0.0#

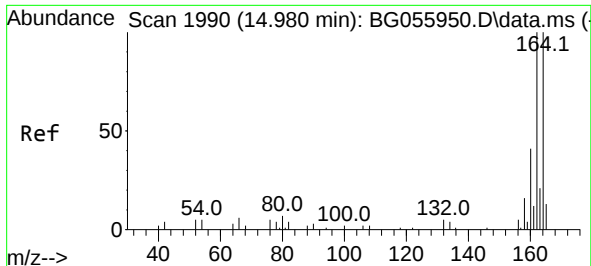


#23
Nitrobenzene-d5
Concen: 29.145 ng
RT: 9.552 min Scan# 1066
Delta R.T. 0.006 min
Lab File: BG055986.D
Acq: 15 Dec 2022 21:14



Tgt Ion: 82 Resp: 19035
Ion Ratio Lower Upper
82 100
128 45.6 38.4 57.6
54 59.9 53.3 79.9

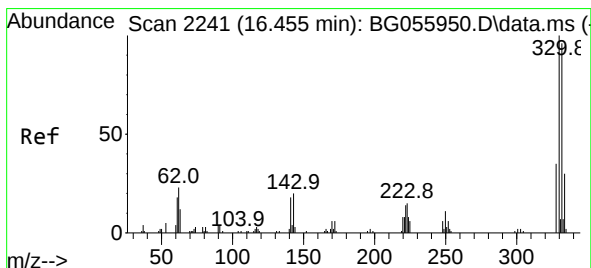
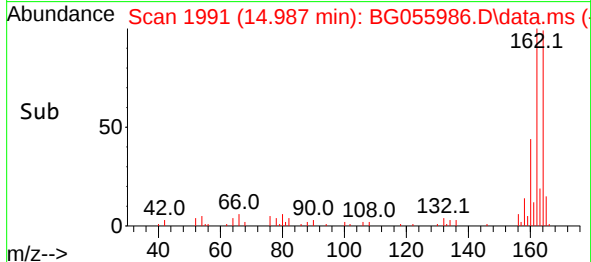
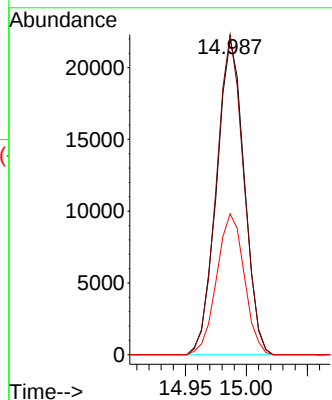
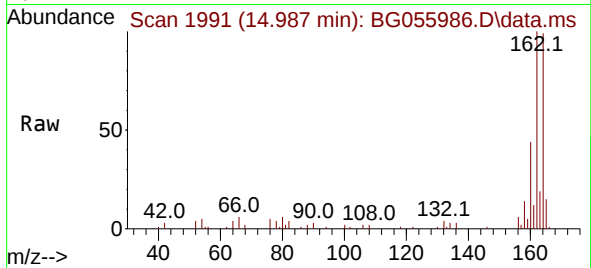




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.987 min Scan# 1991
Delta R.T. 0.006 min
Lab File: BG055986.D
Acq: 15 Dec 2022 21:14

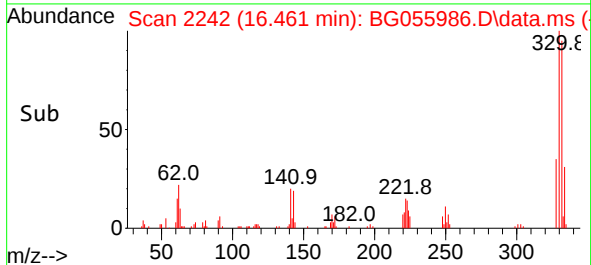
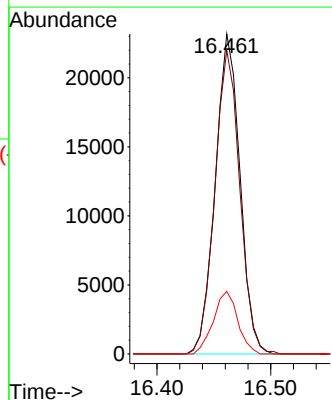
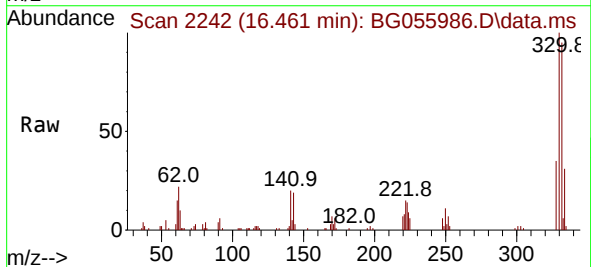
Instrument :
BNA_G
ClientSampleId :
SU-03-121422

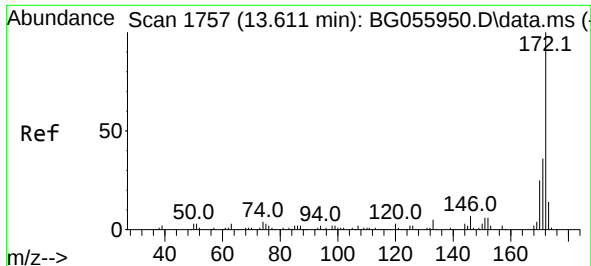
Tgt Ion:164 Resp: 34582
Ion Ratio Lower Upper
164 100
162 101.5 79.8 119.8
160 44.7 33.0 49.4



#42
2,4,6-Tribromophenol
Concen: 41.828 ng
RT: 16.461 min Scan# 2242
Delta R.T. 0.006 min
Lab File: BG055986.D
Acq: 15 Dec 2022 21:14

Tgt Ion:330 Resp: 34879
Ion Ratio Lower Upper
330 100
332 96.1 76.6 114.8
141 19.3 15.0 22.4

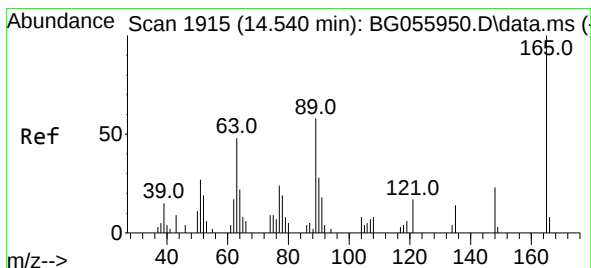
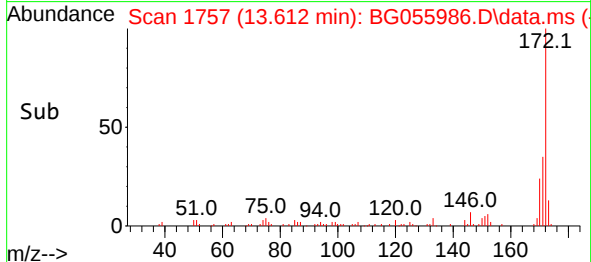
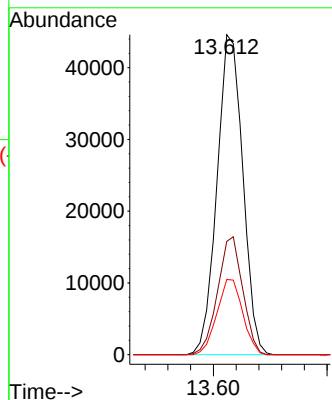
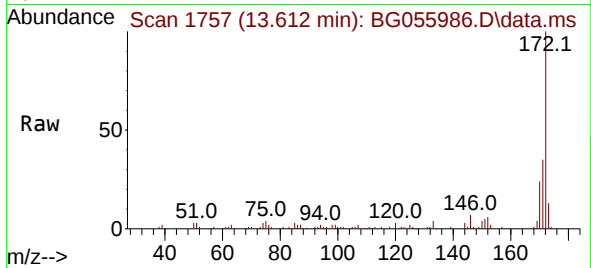




#45
2-Fluorobiphenyl
Concen: 28.470 ng
RT: 13.612 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG055986.D
Acq: 15 Dec 2022 21:14

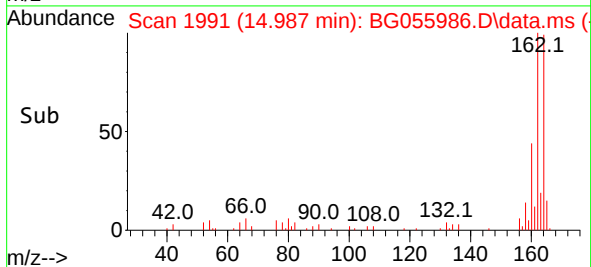
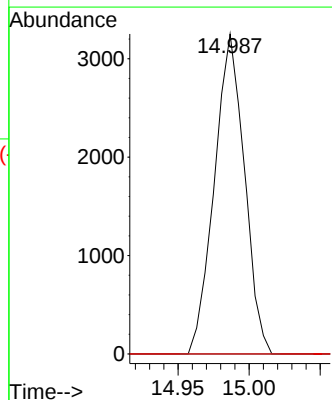
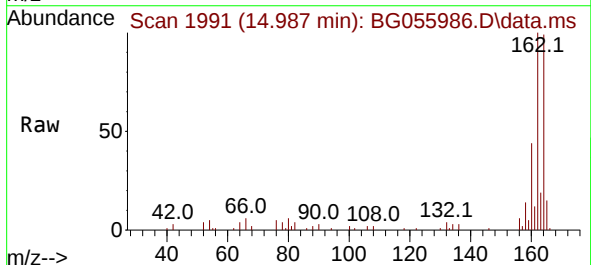
Instrument :
BNA_G
ClientSampleId :
SU-03-121422

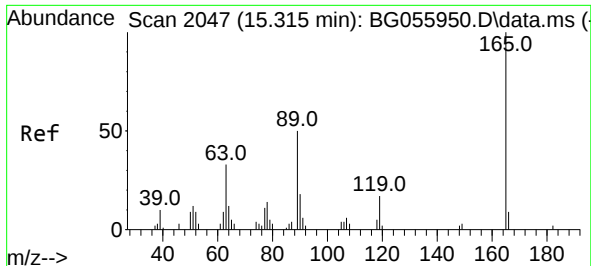
Tgt Ion:172 Resp: 70201
Ion Ratio Lower Upper
172 100
171 35.4 28.6 42.8
170 23.5 19.9 29.9



#51
2,6-Dinitrotoluene
Concen: 10.327 ng
RT: 14.987 min Scan# 1991
Delta R.T. 0.447 min
Lab File: BG055986.D
Acq: 15 Dec 2022 21:14

Tgt Ion:165 Resp: 4778
Ion Ratio Lower Upper
165 100
63 0.0 38.3 57.5#
89 0.0 46.3 69.5#





#57

2,4-Dinitrotoluene

Concen: 6.841 ng

RT: 14.987 min Scan# 1991

Delta R.T. -0.329 min

Lab File: BG055986.D

Acq: 15 Dec 2022 21:14

Instrument :

BNA_G

ClientSampleId :

SU-03-121422

Tgt Ion:165 Resp: 4778

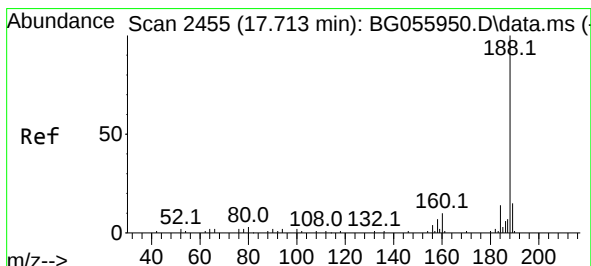
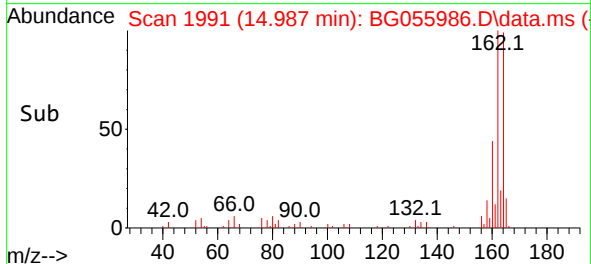
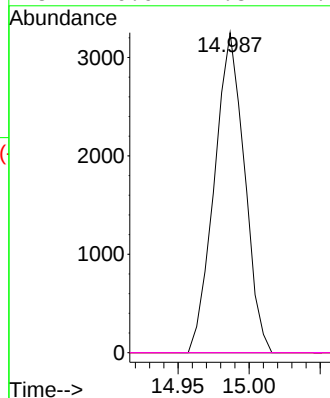
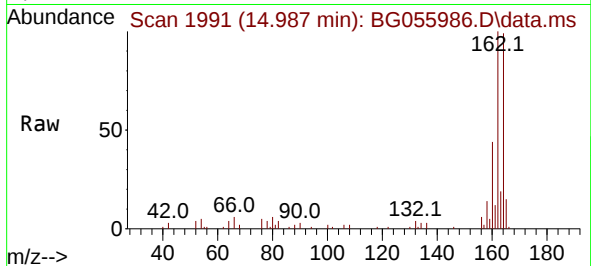
Ion Ratio Lower Upper

165 100

63 0.0 26.6 39.8#

89 0.0 40.1 60.1#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.725 min Scan# 2457

Delta R.T. 0.012 min

Lab File: BG055986.D

Acq: 15 Dec 2022 21:14

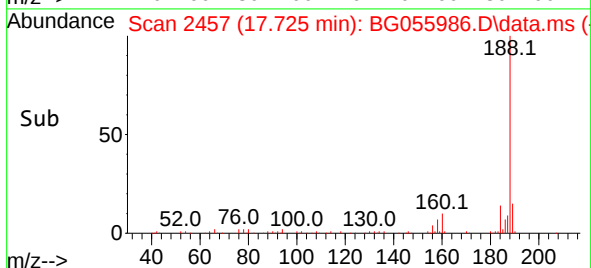
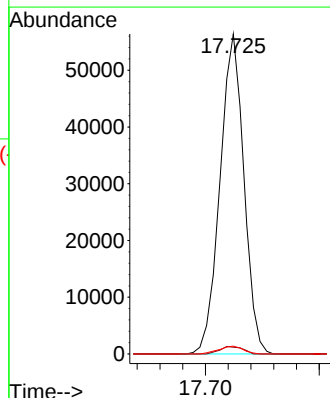
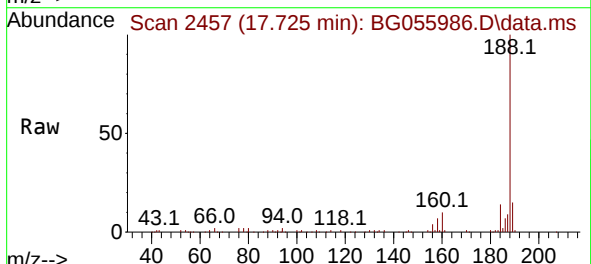
Tgt Ion:188 Resp: 82253

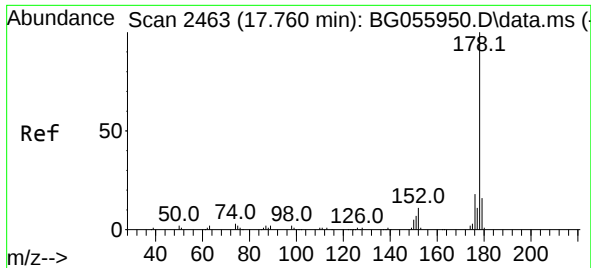
Ion Ratio Lower Upper

188 100

94 2.1 1.8 2.8

80 2.5 2.4 3.6

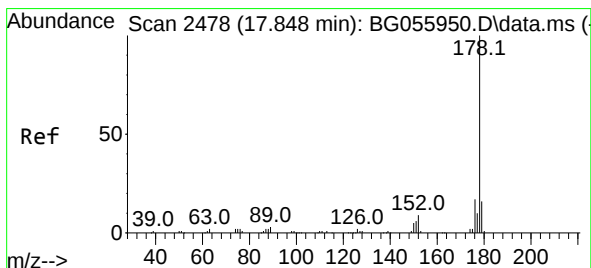
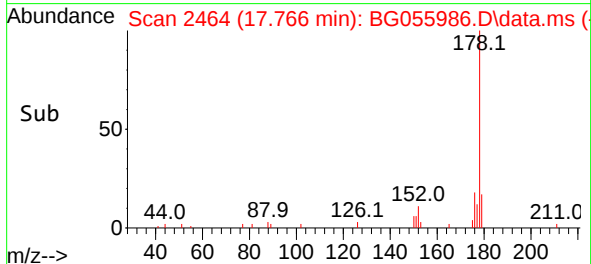
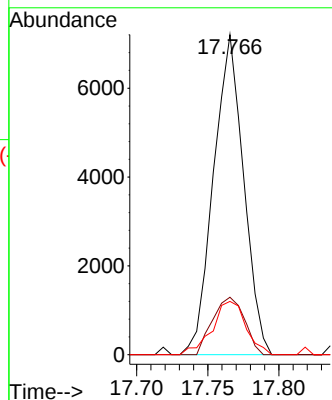
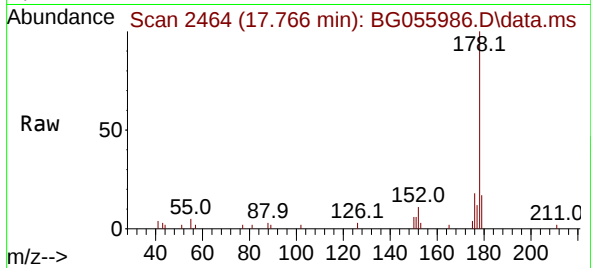




#71
Phenanthrene
Concen: 2.461 ng
RT: 17.766 min Scan# 2463
Delta R.T. 0.006 min
Lab File: BG055986.D
Acq: 15 Dec 2022 21:14

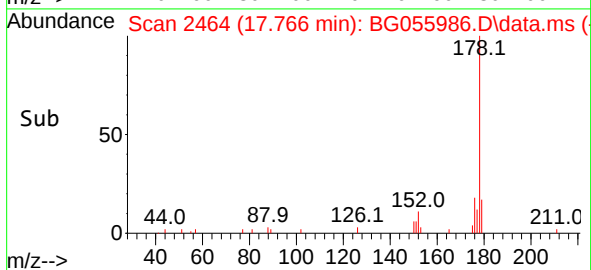
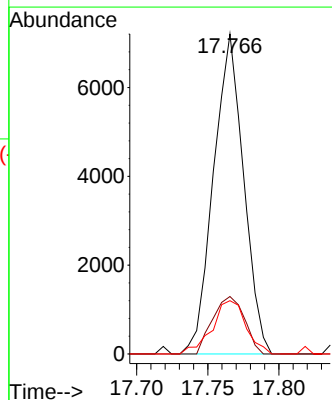
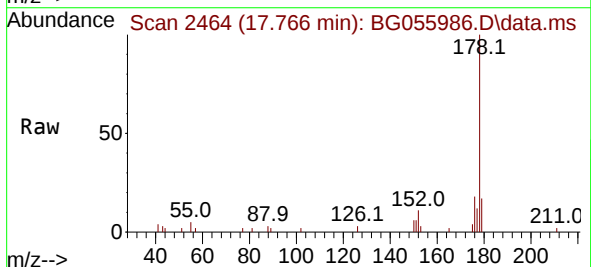
Instrument :
BNA_G
ClientSampleId :
SU-03-121422

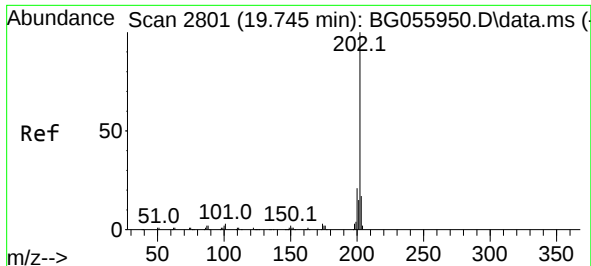
Tgt Ion:178 Resp: 10610
Ion Ratio Lower Upper
178 100
176 18.0 14.4 21.6
179 16.6 12.7 19.1



#72
Anthracene
Concen: 2.488 ng
RT: 17.766 min Scan# 2464
Delta R.T. -0.082 min
Lab File: BG055986.D
Acq: 15 Dec 2022 21:14

Tgt Ion:178 Resp: 10610
Ion Ratio Lower Upper
178 100
176 18.0 13.9 20.9
179 16.6 12.7 19.1

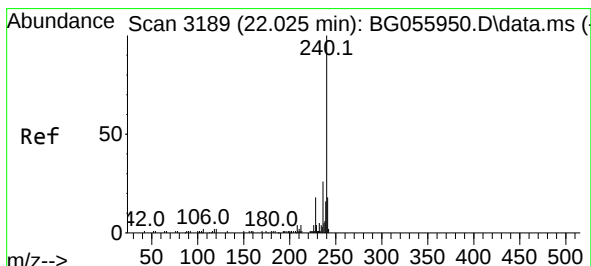
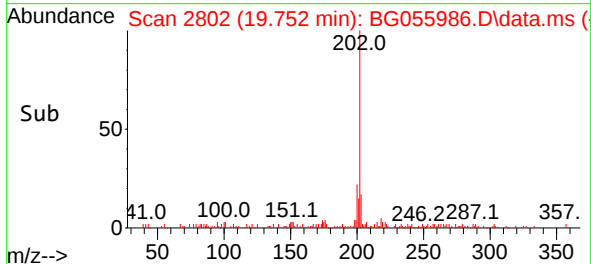
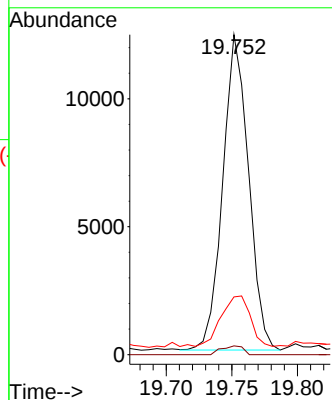
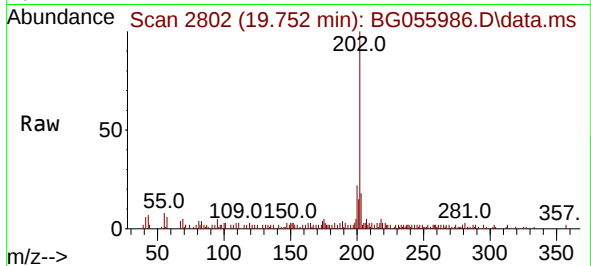




#75
Fluoranthene
Concen: 2.792 ng
RT: 19.752 min Scan# 21
Delta R.T. 0.006 min
Lab File: BG055986.D
Acq: 15 Dec 2022 21:14

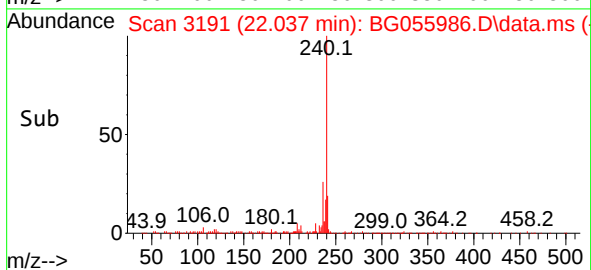
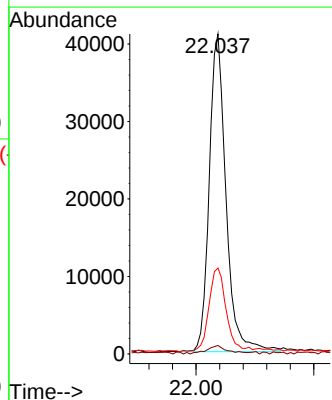
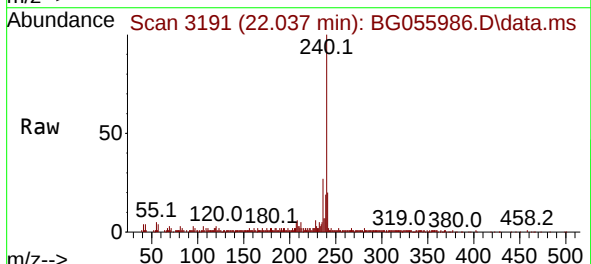
Instrument :
BNA_G
ClientSampleId :
SU-03-121422

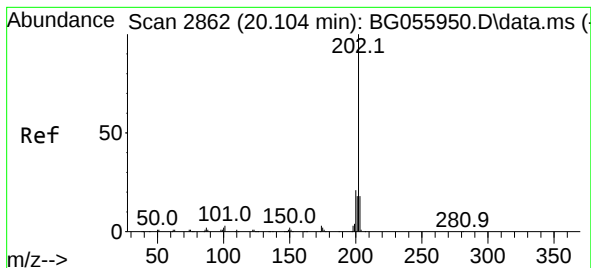
Tgt Ion:202 Resp: 16852
Ion Ratio Lower Upper
202 100
101 2.8 0.0 22.6
203 18.0 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.037 min Scan# 3191
Delta R.T. 0.012 min
Lab File: BG055986.D
Acq: 15 Dec 2022 21:14

Tgt Ion:240 Resp: 81089
Ion Ratio Lower Upper
240 100
120 2.7 1.7 2.5#
236 26.8 21.1 31.7





#78

Pyrene

Concen: 4.682 ng

RT: 20.116 min Scan# 2864

Delta R.T. 0.012 min

Lab File: BG055986.D

Acq: 15 Dec 2022 21:14

Instrument :

BNA_G

ClientSampleId :

SU-03-121422

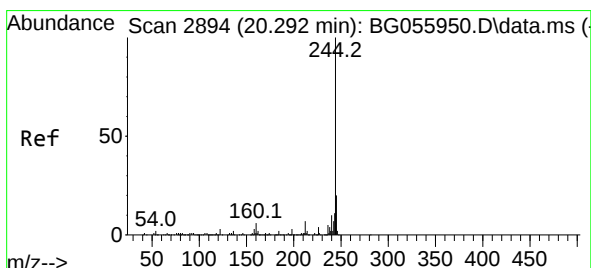
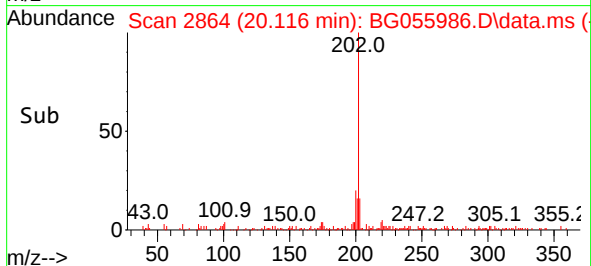
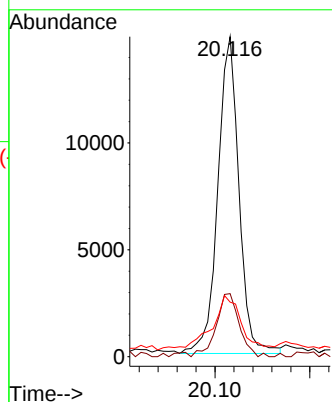
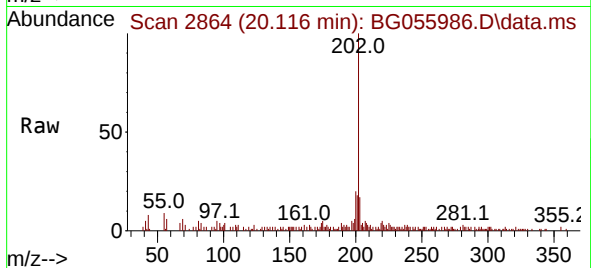
Tgt Ion:202 Resp: 22972

Ion Ratio Lower Upper

202 100

200 19.7 16.7 25.1

203 17.0 14.6 21.8



#79

Terphenyl-d14

Concen: 27.466 ng

RT: 20.298 min Scan# 2895

Delta R.T. 0.006 min

Lab File: BG055986.D

Acq: 15 Dec 2022 21:14

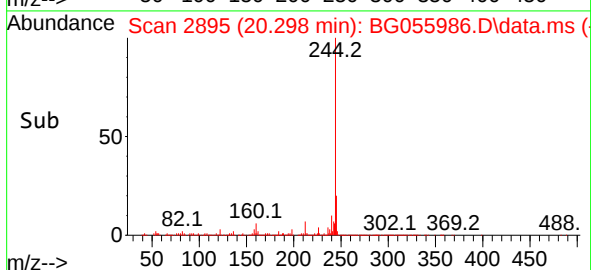
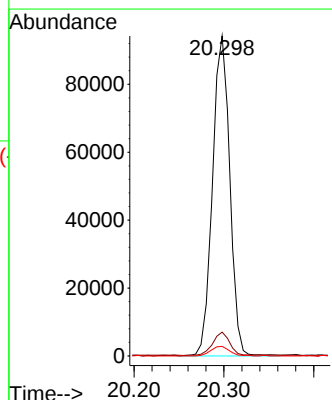
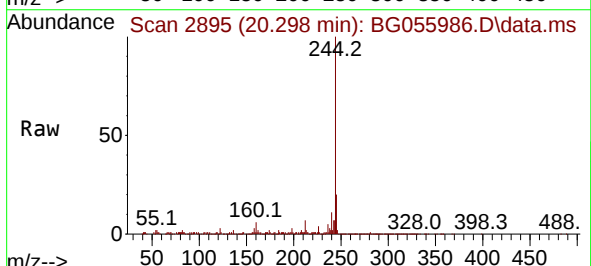
Tgt Ion:244 Resp: 126017

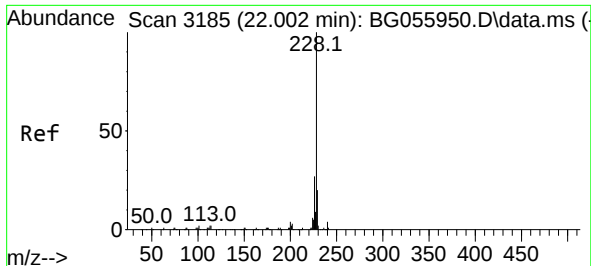
Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

122 3.0 2.5 3.7

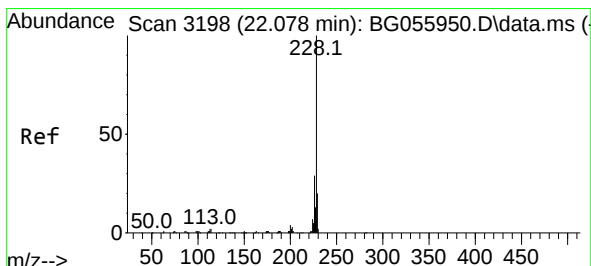
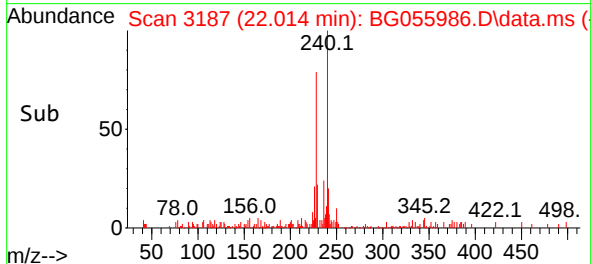
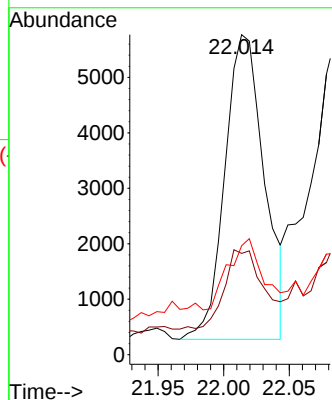
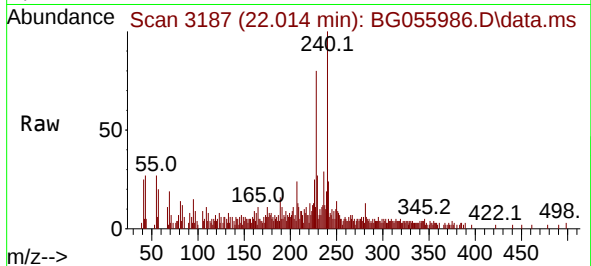




#81
Benzo(a)anthracene
Concen: 2.018 ng
RT: 22.014 min Scan# 3187
Delta R.T. 0.012 min
Lab File: BG055986.D
Acq: 15 Dec 2022 21:14

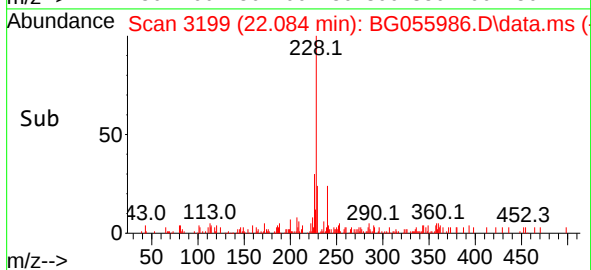
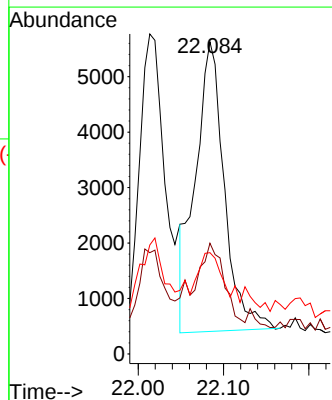
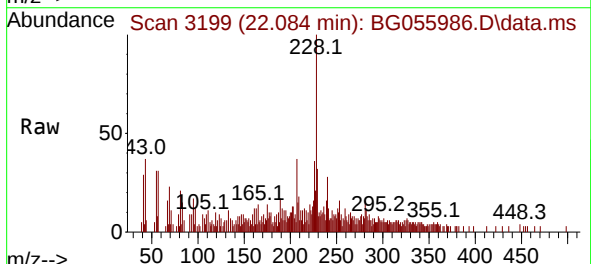
Instrument :
BNA_G
ClientSampleId :
SU-03-121422

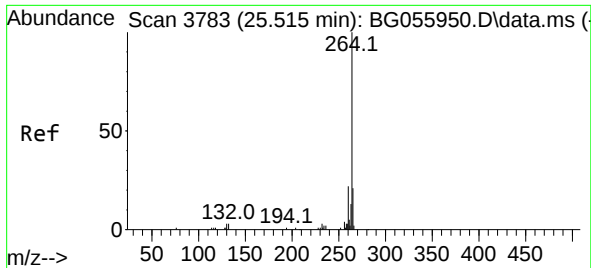
Tgt Ion:228 Resp: 11517
Ion Ratio Lower Upper
228 100
226 31.6 21.8 32.6
229 34.1 15.9 23.9#



#83
Chrysene
Concen: 2.310 ng
RT: 22.084 min Scan# 3199
Delta R.T. 0.006 min
Lab File: BG055986.D
Acq: 15 Dec 2022 21:14

Tgt Ion:228 Resp: 12356
Ion Ratio Lower Upper
228 100
226 35.5 23.1 34.7#
229 32.4 15.7 23.5#





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.551 min Scan# 31

Delta R.T. 0.035 min

Lab File: BG055986.D

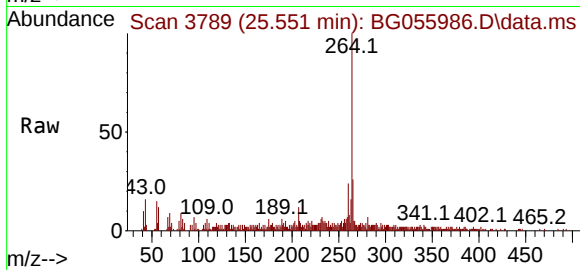
Acq: 15 Dec 2022 21:14

Instrument :

BNA_G

ClientSampleId :

SU-03-121422



Tgt Ion:264 Resp: 70286

Ion Ratio Lower Upper

264 100

260 24.3 17.8 26.8

265 26.4 16.6 25.0#

