

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112023\
 Data File : BG059775.D
 Acq On : 20 Nov 2023 19:08
 Operator : MA/JU
 Sample : 05354-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 350

Quant Time: Nov 21 00:20:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 01:51:38 2023
 Response via : Initial Calibration

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

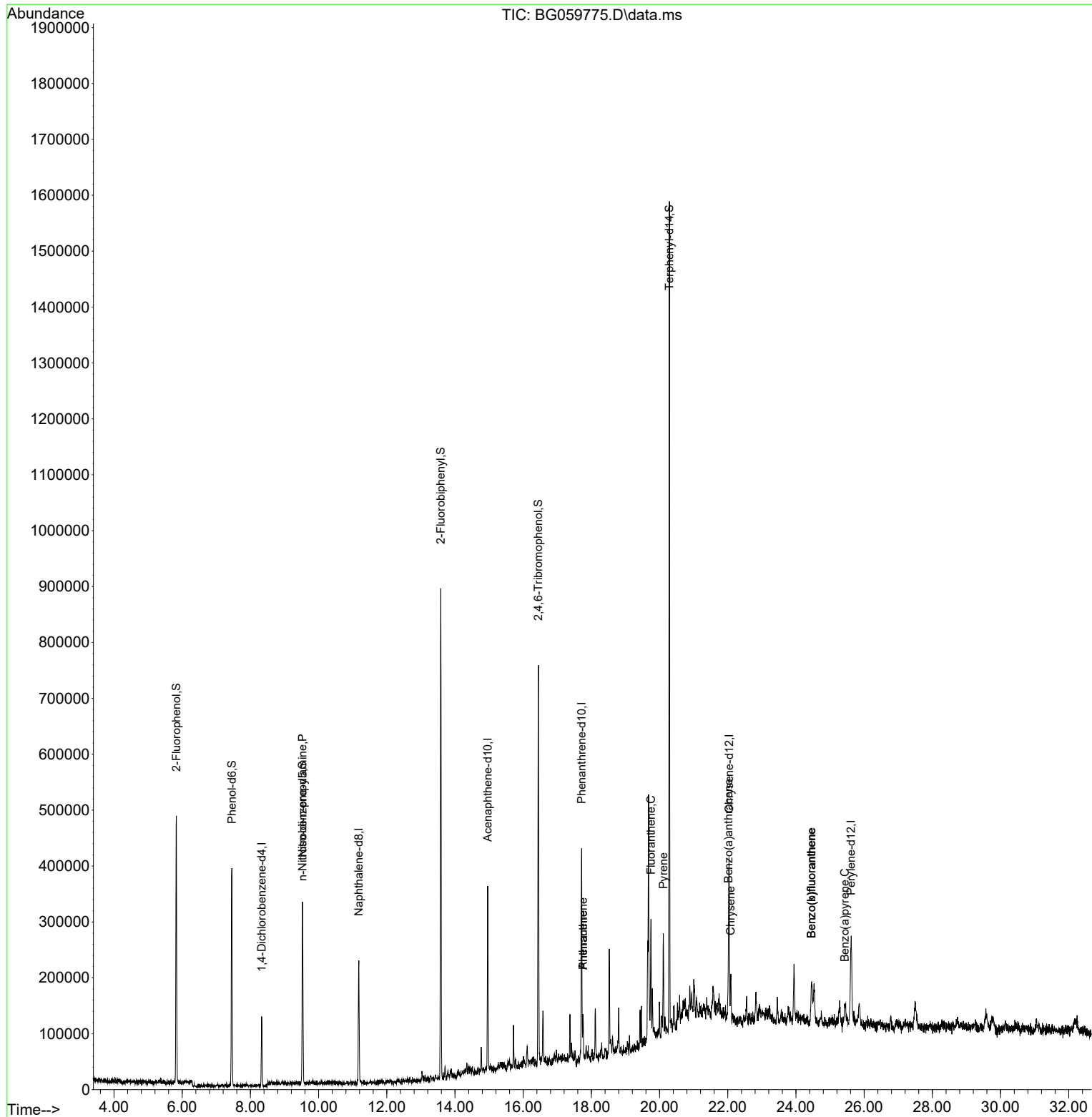
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.330	152	25164	20.000	ng	-0.01
21) Naphthalene-d8	11.179	136	150968	20.000	ng	#-0.01
39) Acenaphthene-d10	14.957	164	96793	20.000	ng	#-0.01
64) Phenanthrene-d10	17.713	188	196335	20.000	ng	# 0.00
76) Chrysene-d12	22.037	240	150892	20.000	ng	-0.01
86) Perylene-d12	25.615	264	181624	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.827	112	165671	110.812	ng	0.00
7) Phenol-d6	7.454	99	174471	78.749	ng	0.00
23) Nitrobenzene-d5	9.528	82	200329	50.679	ng	-0.01
42) 2,4,6-Tribromophenol	16.444	330	91139	82.987	ng	-0.01
45) 2-Fluorobiphenyl	13.582	172	372971	51.867	ng	-0.01
79) Terphenyl-d14	20.286	244	561096	54.895	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.522	70	32323	18.526	ng	# 83
71) Phenanthrene	17.754	178	42789	4.287	ng	97
72) Anthracene	17.754	178	42789	4.126	ng	97
75) Fluoranthene	19.746	202	113523	9.483	ng	97
78) Pyrene	20.110	202	108117	10.531	ng	96
81) Benzo(a)anthracene	22.020	228	45912	4.447	ng	# 94
83) Chrysene	22.084	228	59957	6.335	ng	95
88) Benzo(b)fluoranthene	24.452	252	76093	7.644	ng	# 93
89) Benzo(k)fluoranthene	24.452	252	76093	7.732	ng	# 96
90) Benzo(a)pyrene	25.433	252	46637	4.390	ng	# 94

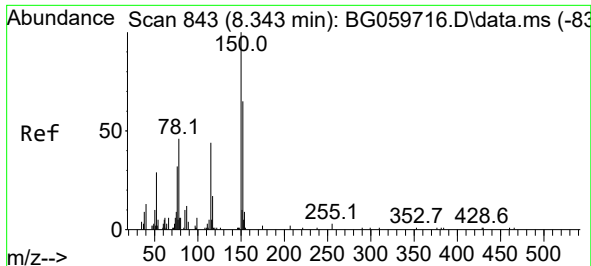
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112023\
Data File : BG059775.D
Acq On : 20 Nov 2023 19:08
Operator : MA/JU
Sample : 05354-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
350

Quant Time: Nov 21 00:20:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG11623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 01:51:38 2023
Response via : Initial Calibration

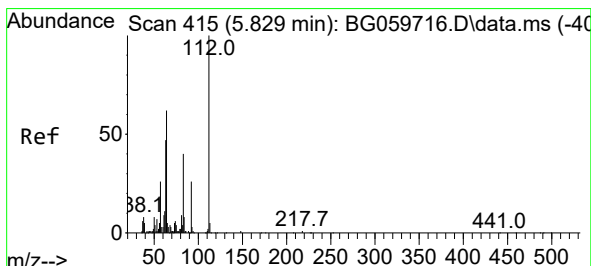
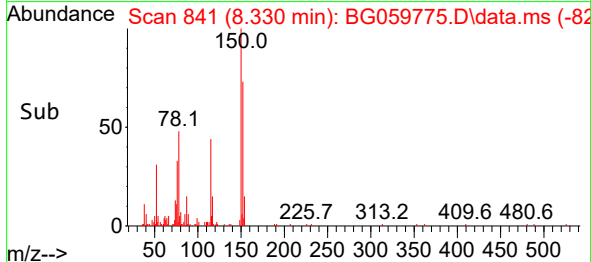
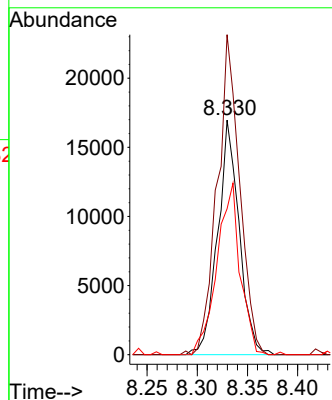
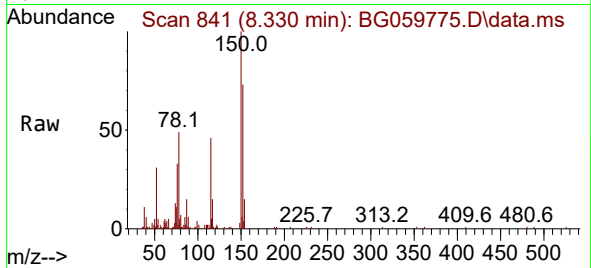




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.330 min Scan# 843
Delta R.T. -0.013 min
Lab File: BG059775.D
Acq: 20 Nov 2023 19:08

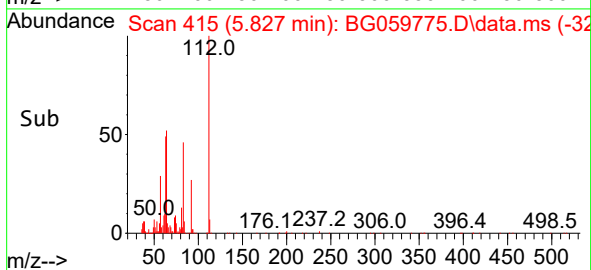
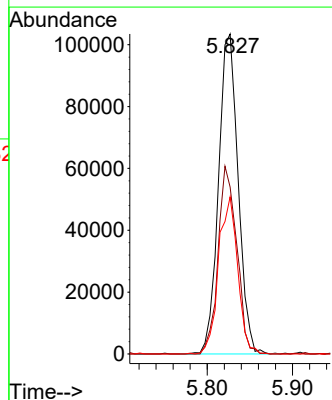
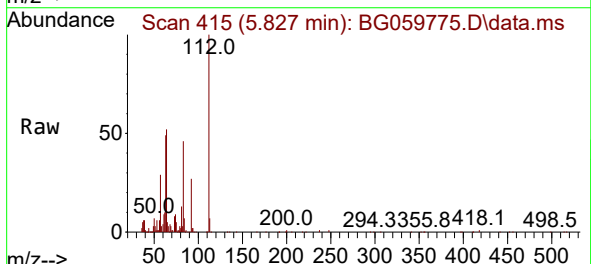
Instrument :
BNA_G
ClientSampleId :
350

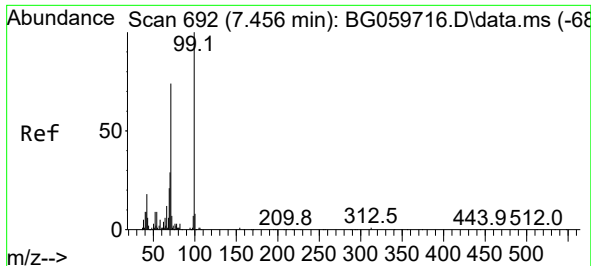
Tgt Ion:152 Resp: 25164
Ion Ratio Lower Upper
152 100
150 136.4 122.2 183.4
115 62.2 54.2 81.4



#5
2-Fluorophenol
Concen: 110.812 ng
RT: 5.827 min Scan# 415
Delta R.T. -0.002 min
Lab File: BG059775.D
Acq: 20 Nov 2023 19:08

Tgt Ion:112 Resp: 165671
Ion Ratio Lower Upper
112 100
64 52.1 49.5 74.3
63 49.1 37.4 56.2

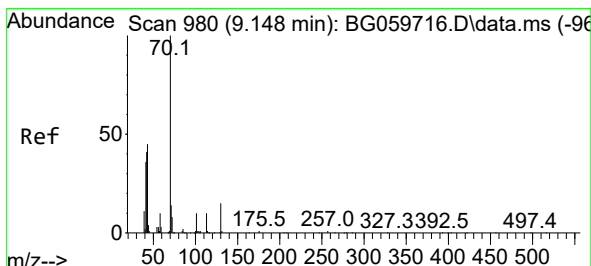
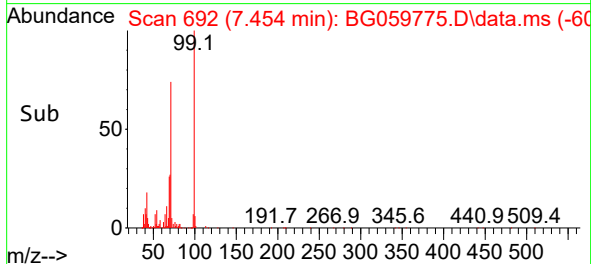
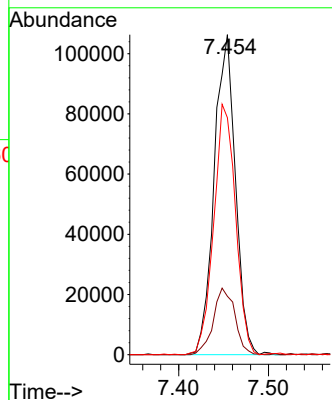
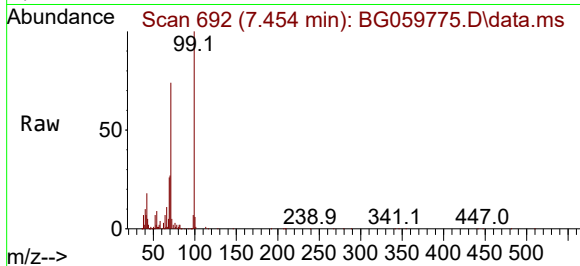




#7
Phenol-d6
Concen: 78.749 ng
RT: 7.454 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG059775.D
Acq: 20 Nov 2023 19:08

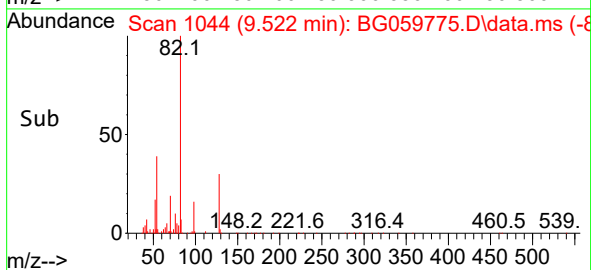
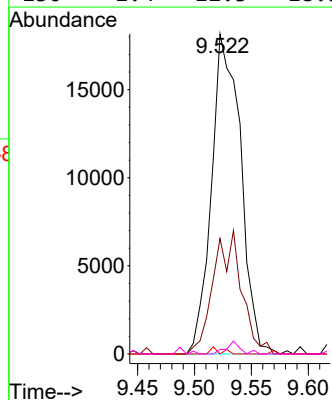
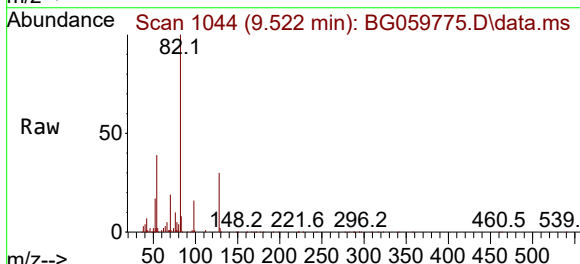
Instrument :
BNA_G
ClientSampleId :
350

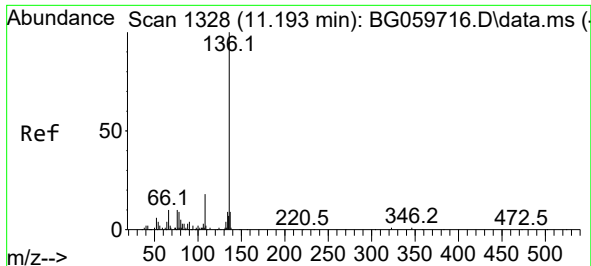
Tgt Ion: 99 Resp: 174471
Ion Ratio Lower Upper
99 100
42 18.3 14.3 21.5
71 74.1 59.3 88.9



#19
n-Nitroso-di-n-propylamine
Concen: 18.526 ng
RT: 9.522 min Scan# 1044
Delta R.T. 0.374 min
Lab File: BG059775.D
Acq: 20 Nov 2023 19:08

Tgt Ion: 70 Resp: 32323
Ion Ratio Lower Upper
70 100
42 36.0 32.8 49.2
101 0.0 7.7 11.5#
130 1.4 12.3 18.5#

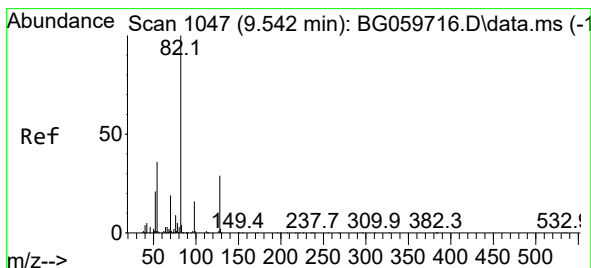
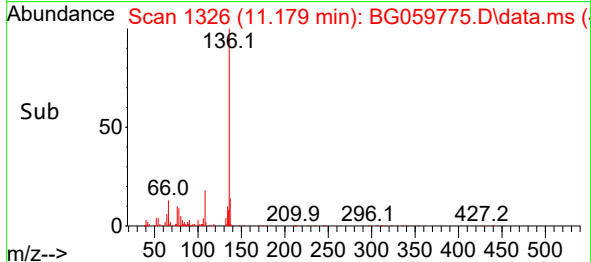
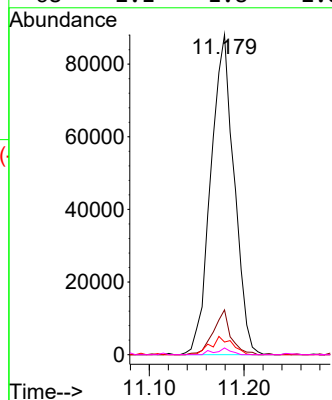
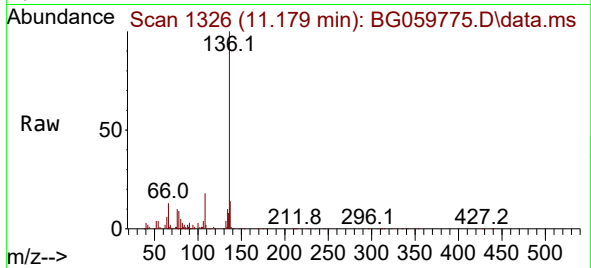




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.179 min Scan# 11
Delta R.T. -0.014 min
Lab File: BG059775.D
Acq: 20 Nov 2023 19:08

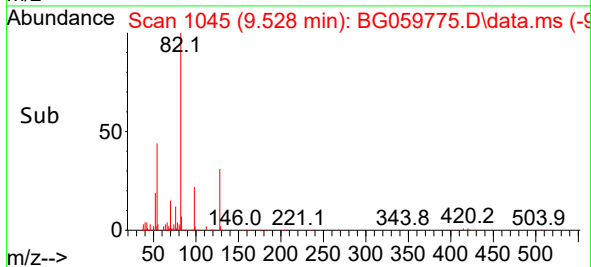
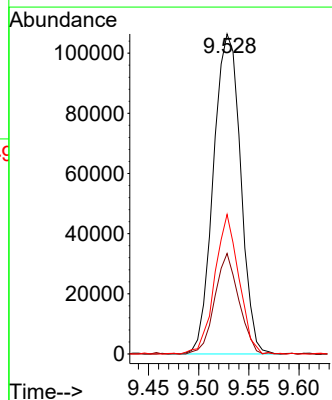
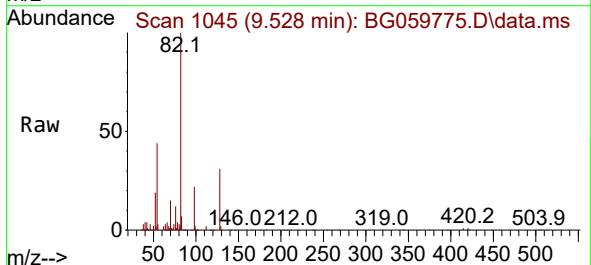
Instrument :
BNA_G
ClientSampleId :
350

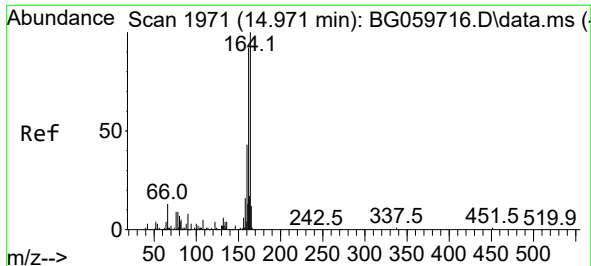
Tgt Ion:136 Resp: 150968
Ion Ratio Lower Upper
136 100
137 14.0 7.4 11.0#
54 3.9 3.1 4.7
68 2.1 1.8 2.8



#23
Nitrobenzene-d5
Concen: 50.679 ng
RT: 9.528 min Scan# 1045
Delta R.T. -0.014 min
Lab File: BG059775.D
Acq: 20 Nov 2023 19:08

Tgt Ion: 82 Resp: 200329
Ion Ratio Lower Upper
82 100
128 31.4 23.0 34.6
54 43.6 28.7 43.1#

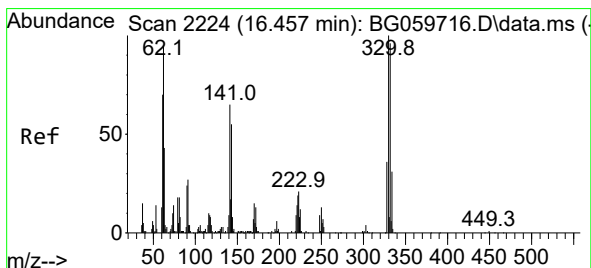
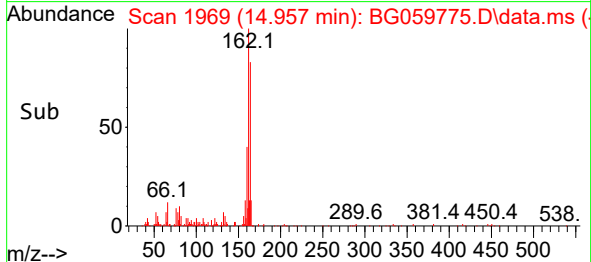
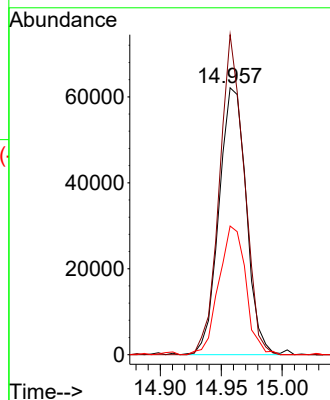
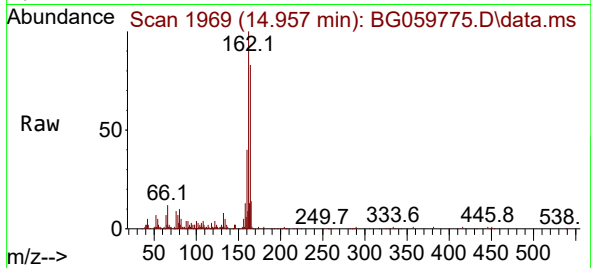




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.957 min Scan# 1969
Delta R.T. -0.014 min
Lab File: BG059775.D
Acq: 20 Nov 2023 19:08

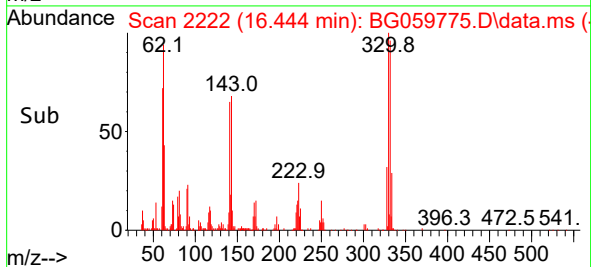
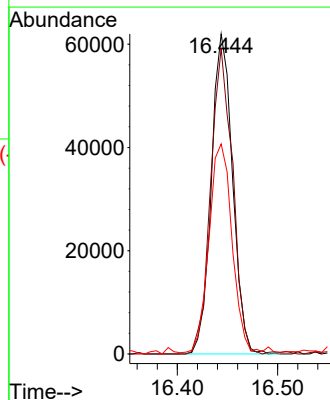
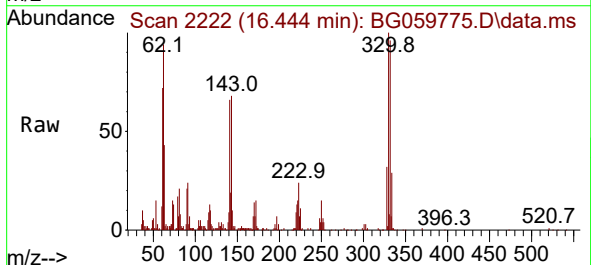
Instrument :
BNA_G
ClientSampleId :
350

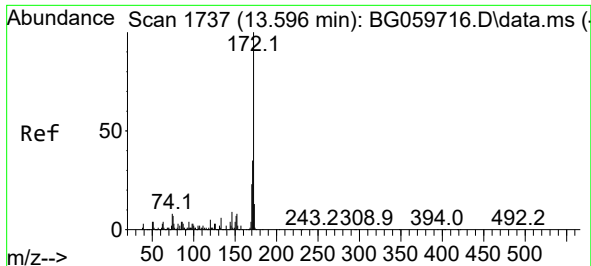
Tgt Ion:164 Resp: 96793
Ion Ratio Lower Upper
164 100
162 119.9 73.3 109.9#
160 48.2 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 82.987 ng
RT: 16.444 min Scan# 2222
Delta R.T. -0.014 min
Lab File: BG059775.D
Acq: 20 Nov 2023 19:08

Tgt Ion:330 Resp: 91139
Ion Ratio Lower Upper
330 100
332 98.3 73.3 109.9
141 70.6 52.1 78.1

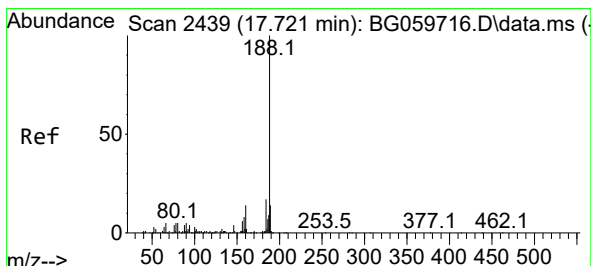
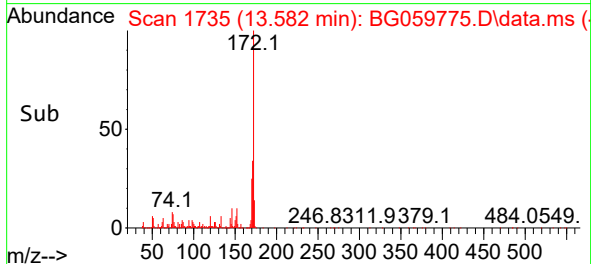
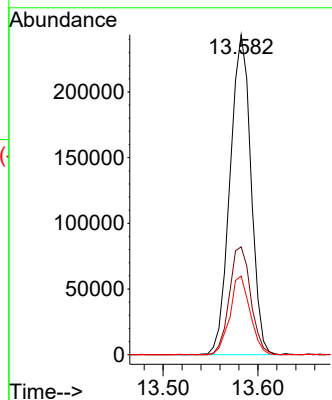
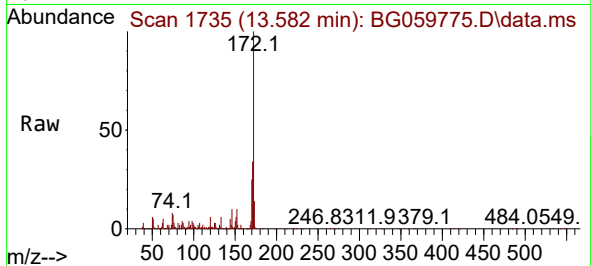




#45
2-Fluorobiphenyl
Concen: 51.867 ng
RT: 13.582 min Scan# 1735
Delta R.T. -0.014 min
Lab File: BG059775.D
Acq: 20 Nov 2023 19:08

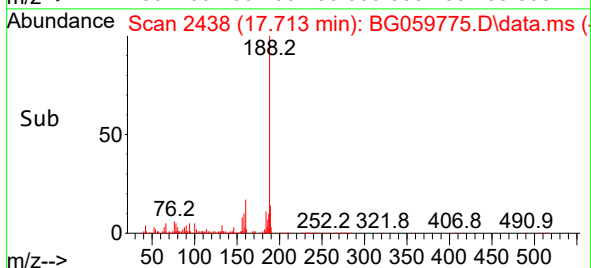
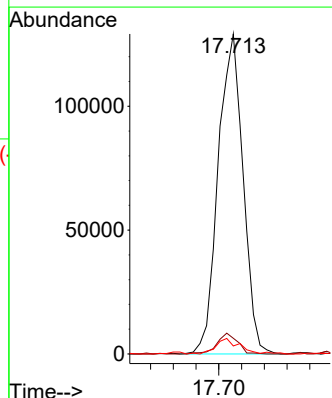
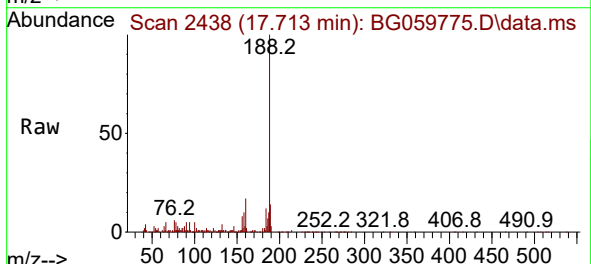
Instrument :
BNA_G
ClientSampleId :
350

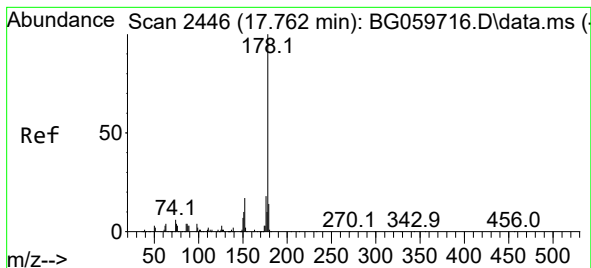
Tgt Ion:172 Resp: 372971
Ion Ratio Lower Upper
172 100
171 33.7 27.7 41.5
170 24.5 18.4 27.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.713 min Scan# 2438
Delta R.T. -0.008 min
Lab File: BG059775.D
Acq: 20 Nov 2023 19:08

Tgt Ion:188 Resp: 196335
Ion Ratio Lower Upper
188 100
94 4.9 3.0 4.4#
80 2.5 4.2 6.4#





#71

Phenanthrene

Concen: 4.287 ng

RT: 17.754 min Scan# 2445

Delta R.T. -0.008 min

Lab File: BG059775.D

Acq: 20 Nov 2023 19:08

Instrument :

BNA_G

ClientSampleId :

350

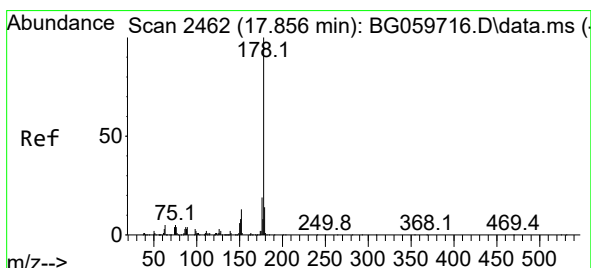
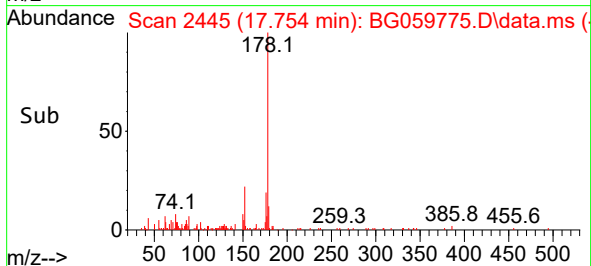
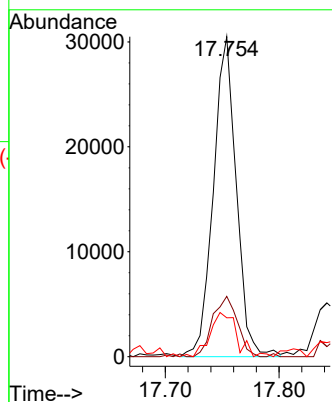
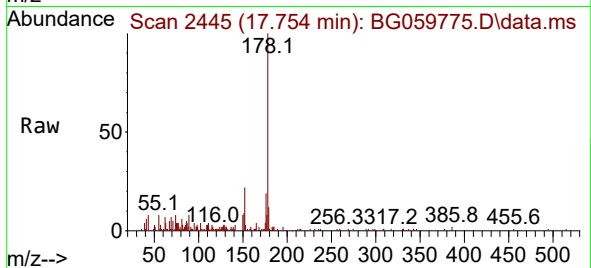
Tgt Ion:178 Resp: 42789

Ion Ratio Lower Upper

178 100

176 18.9 14.5 21.7

179 12.2 11.2 16.8



#72

Anthracene

Concen: 4.126 ng

RT: 17.754 min Scan# 2445

Delta R.T. -0.102 min

Lab File: BG059775.D

Acq: 20 Nov 2023 19:08

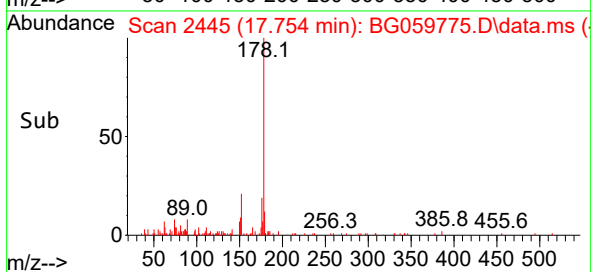
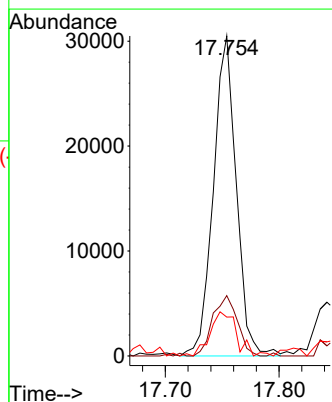
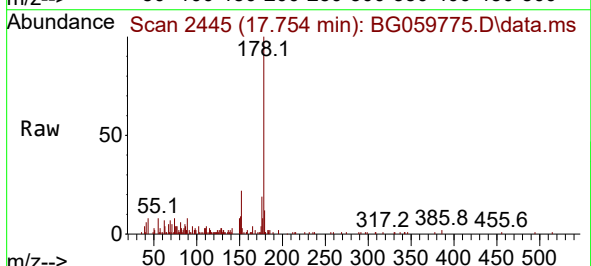
Tgt Ion:178 Resp: 42789

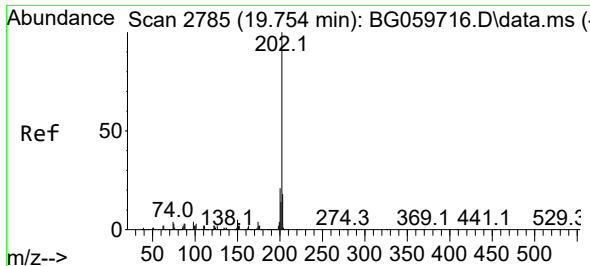
Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.4

179 12.2 11.5 17.3

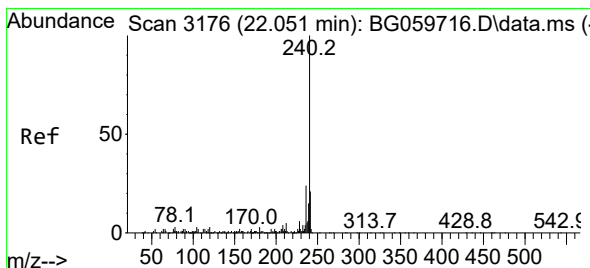
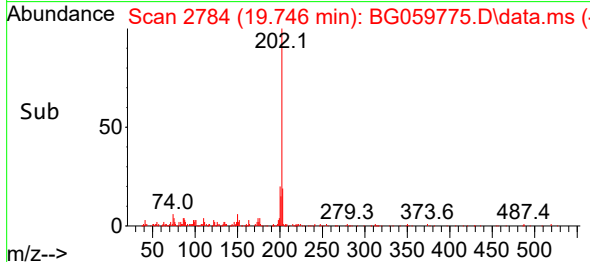
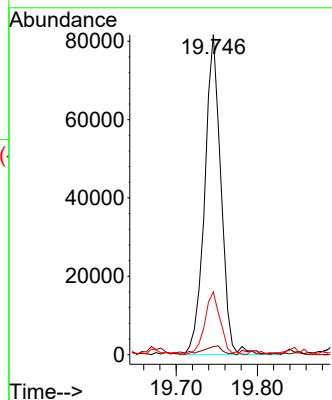
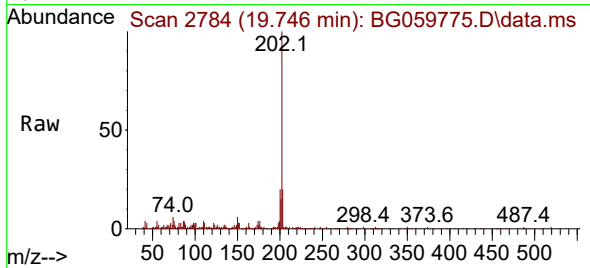




#75
Fluoranthene
Concen: 9.483 ng
RT: 19.746 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG059775.D
Acq: 20 Nov 2023 19:08

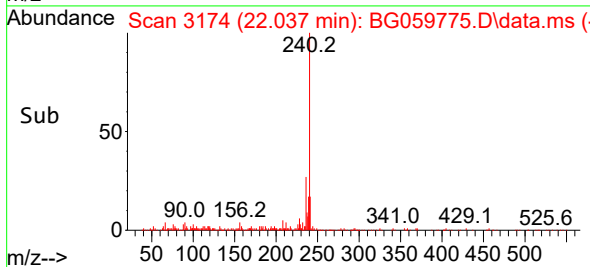
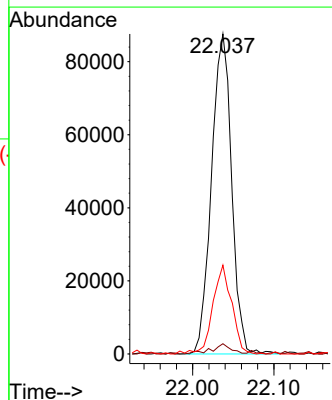
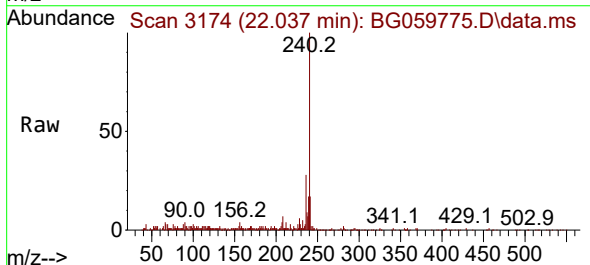
Instrument :
BNA_G
ClientSampleId :
350

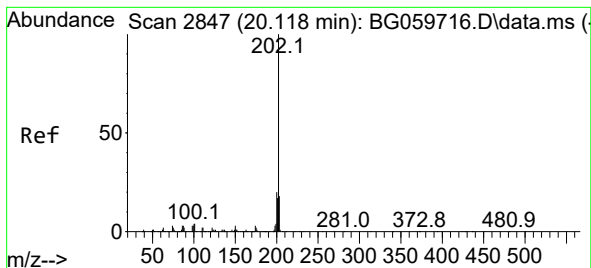
Tgt Ion:202 Resp: 113523
Ion Ratio Lower Upper
202 100
101 2.5 0.0 22.7
203 19.6 0.0 38.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.037 min Scan# 3174
Delta R.T. -0.014 min
Lab File: BG059775.D
Acq: 20 Nov 2023 19:08

Tgt Ion:240 Resp: 150892
Ion Ratio Lower Upper
240 100
120 3.2 2.2 3.2
236 27.8 19.4 29.2





#78

Pyrene

Concen: 10.531 ng

RT: 20.110 min Scan# 21

Delta R.T. -0.008 min

Lab File: BG059775.D

Acq: 20 Nov 2023 19:08

Instrument :

BNA_G

ClientSampleId :

350

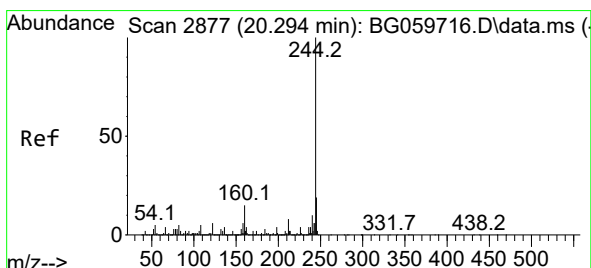
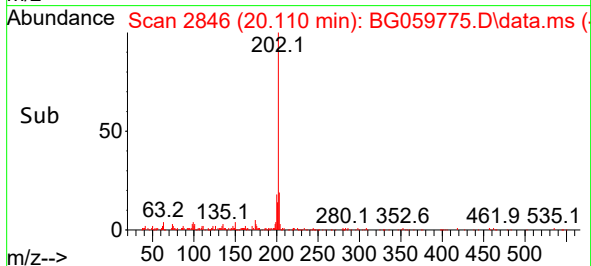
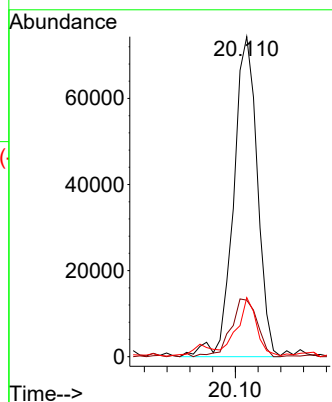
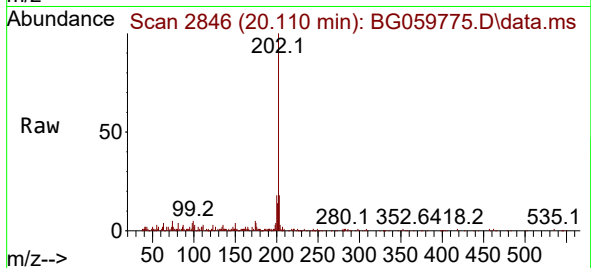
Tgt Ion:202 Resp: 108117

Ion Ratio Lower Upper

202 100

200 17.6 16.2 24.4

203 18.5 14.0 21.0



#79

Terphenyl-d14

Concen: 54.895 ng

RT: 20.286 min Scan# 2876

Delta R.T. -0.008 min

Lab File: BG059775.D

Acq: 20 Nov 2023 19:08

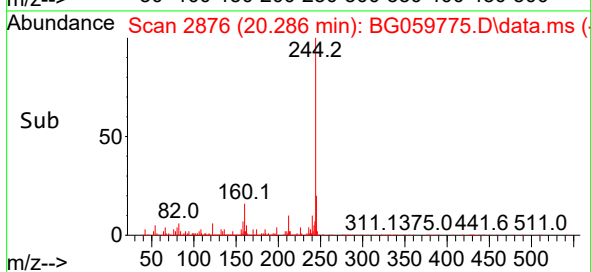
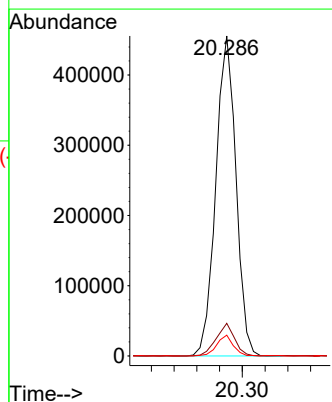
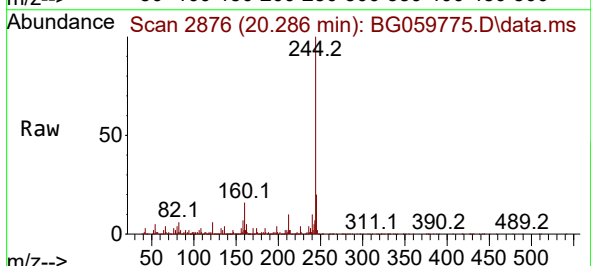
Tgt Ion:244 Resp: 561096

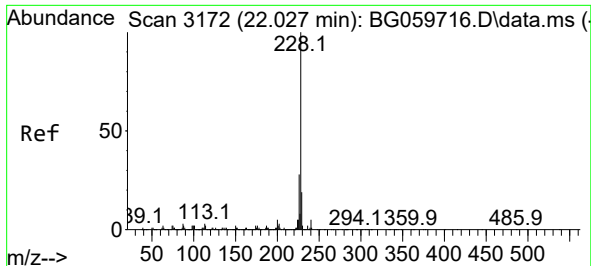
Ion Ratio Lower Upper

244 100

212 10.2 6.6 10.0#

122 6.5 4.4 6.6

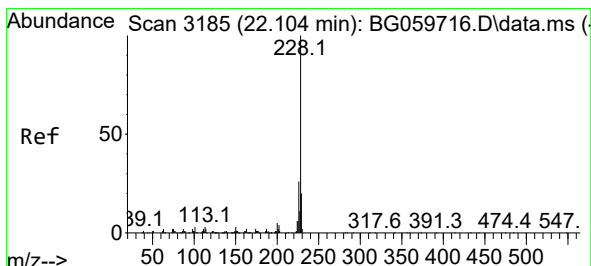
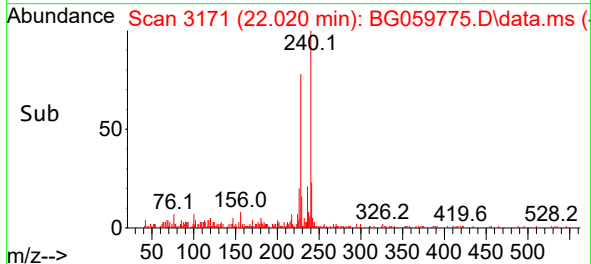
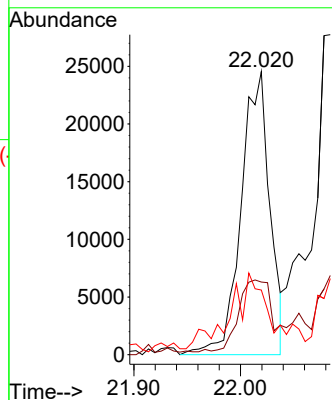
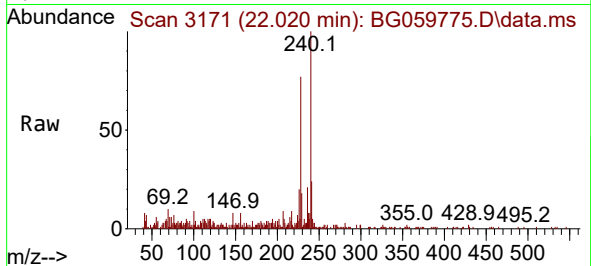




#81
Benzo(a)anthracene
Concen: 4.447 ng
RT: 22.020 min Scan# 3171
Delta R.T. -0.008 min
Lab File: BG059775.D
Acq: 20 Nov 2023 19:08

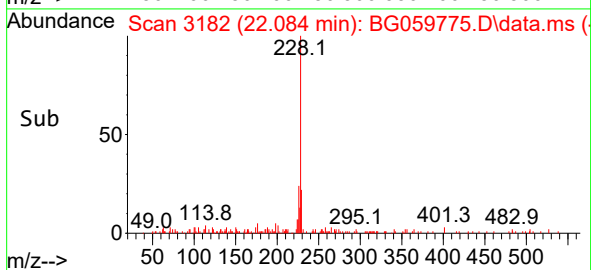
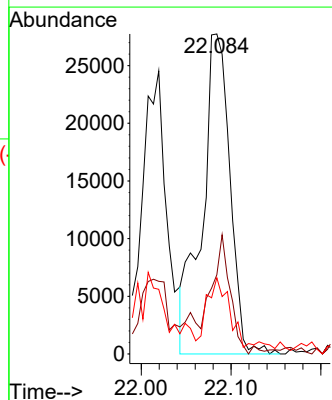
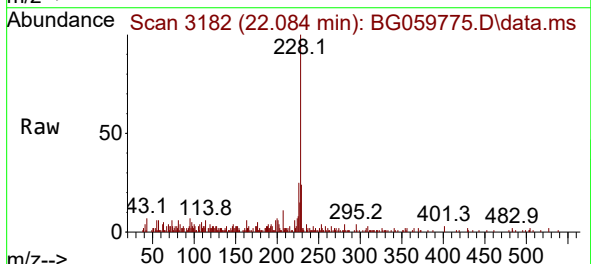
Instrument :
BNA_G
ClientSampleId :
350

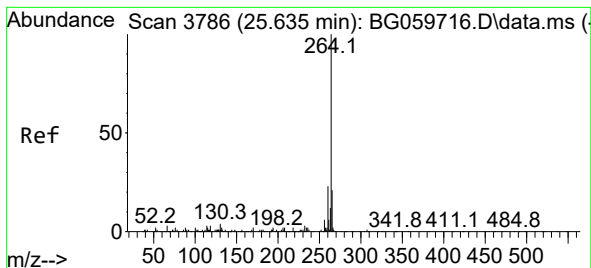
Tgt Ion:228 Resp: 45912
Ion Ratio Lower Upper
228 100
226 25.7 22.1 33.1
229 22.8 14.9 22.3#



#83
Chrysene
Concen: 6.335 ng
RT: 22.084 min Scan# 3182
Delta R.T. -0.020 min
Lab File: BG059775.D
Acq: 20 Nov 2023 19:08

Tgt Ion:228 Resp: 59957
Ion Ratio Lower Upper
228 100
226 24.7 21.1 31.7
229 23.8 16.2 24.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.615 min Scan# 31

Delta R.T. -0.020 min

Lab File: BG059775.D

Acq: 20 Nov 2023 19:08

Instrument :

BNA_G

ClientSampleId :

350

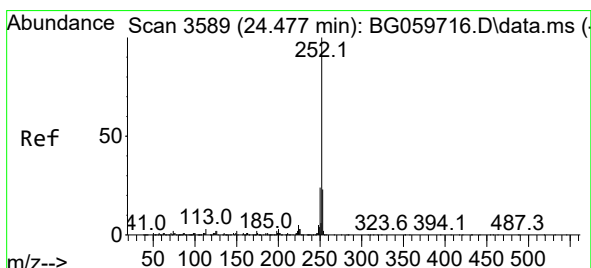
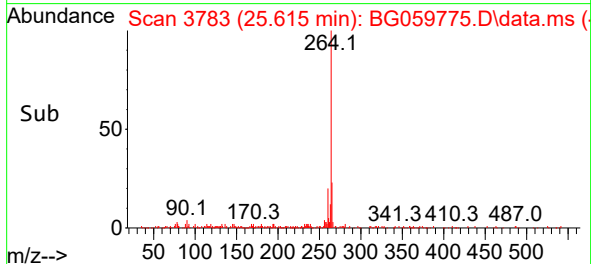
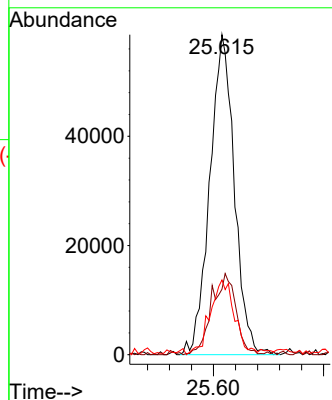
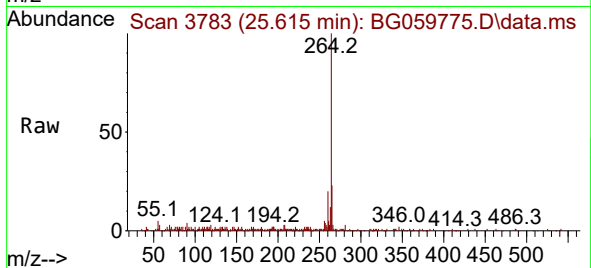
Tgt Ion:264 Resp: 181624

Ion Ratio Lower Upper

264 100

260 20.5 18.5 27.7

265 23.4 17.0 25.6



#88

Benzo(b)fluoranthene

Concen: 7.644 ng

RT: 24.452 min Scan# 3585

Delta R.T. -0.025 min

Lab File: BG059775.D

Acq: 20 Nov 2023 19:08

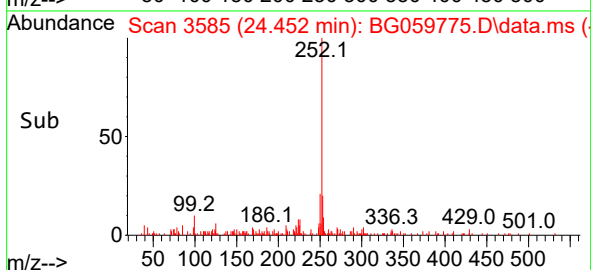
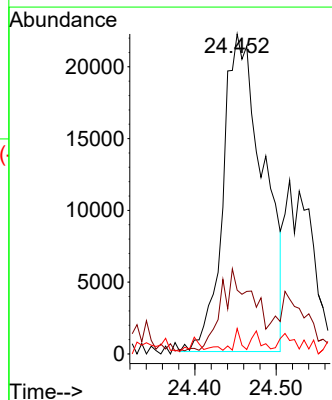
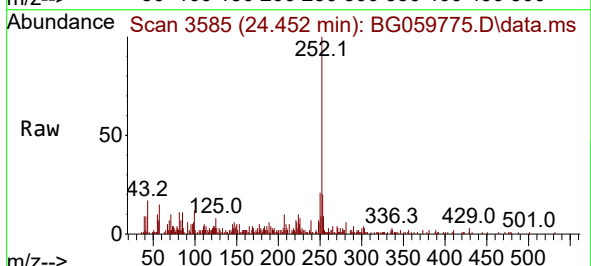
Tgt Ion:252 Resp: 76093

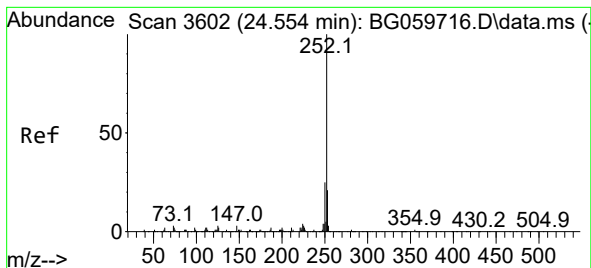
Ion Ratio Lower Upper

252 100

253 20.0 18.3 27.5

125 7.9 1.4 2.0#





#89

Benzo(k)fluoranthene

Concen: 7.732 ng

RT: 24.452 min Scan# 31

Delta R.T. -0.102 min

Lab File: BG059775.D

Acq: 20 Nov 2023 19:08

Instrument :

BNA_G

ClientSampleId :

350

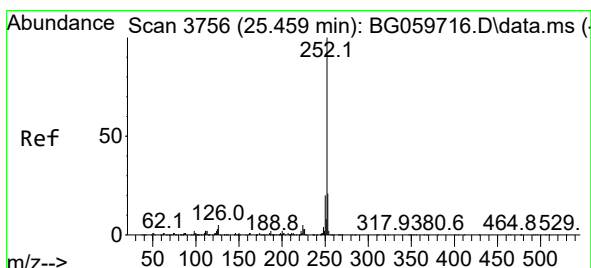
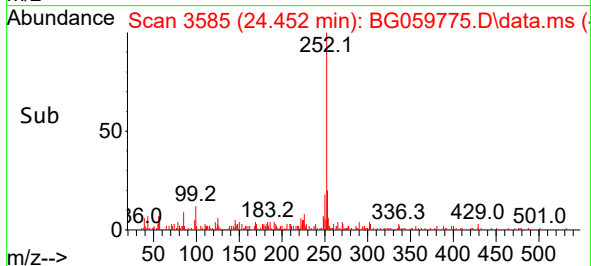
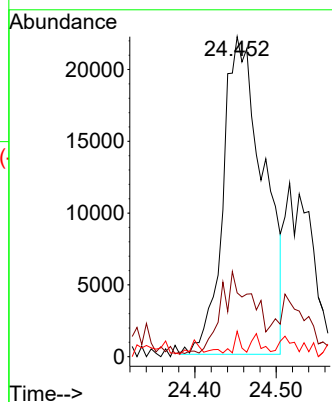
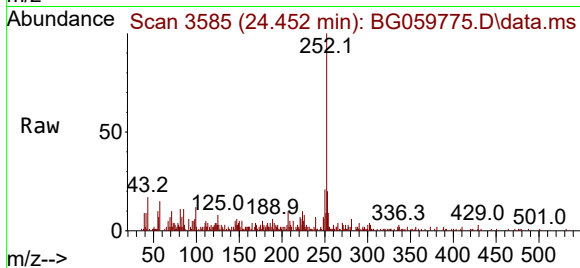
Tgt Ion:252 Resp: 76093

Ion Ratio Lower Upper

252 100

253 20.0 17.1 25.7

125 7.9 2.2 3.2#



#90

Benzo(a)pyrene

Concen: 4.390 ng

RT: 25.433 min Scan# 3752

Delta R.T. -0.025 min

Lab File: BG059775.D

Acq: 20 Nov 2023 19:08

Tgt Ion:252 Resp: 46637

Ion Ratio Lower Upper

252 100

253 24.1 16.8 25.2

125 4.1 2.0 3.0#

