

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112023\
 Data File : BG059778.D
 Acq On : 20 Nov 2023 21:09
 Operator : MA/JU
 Sample : 05361-01 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-111023

Quant Time: Nov 21 00:21:07 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)

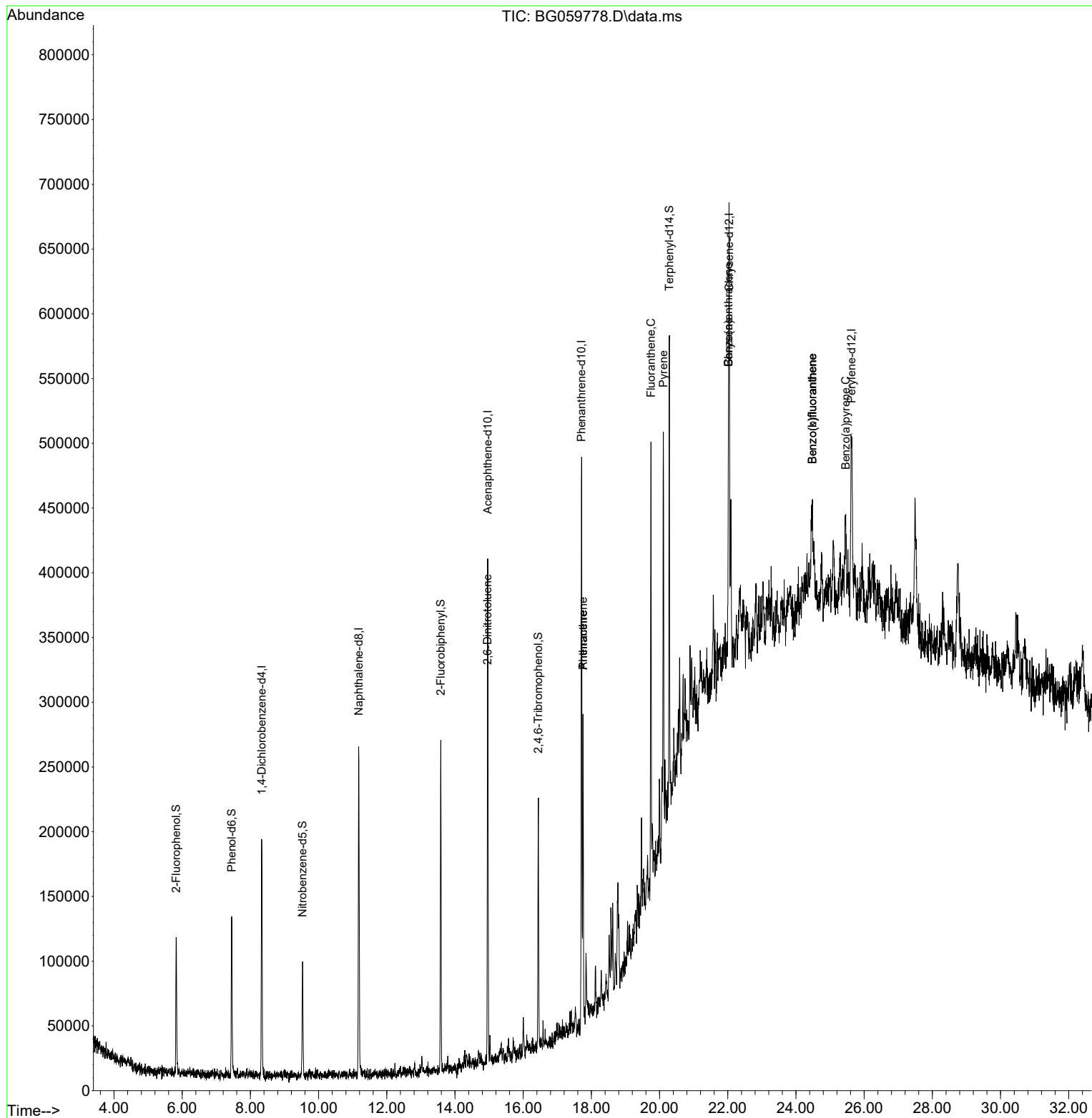
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.330	152	39916	20.000	ng	-0.01
21) Naphthalene-d8	11.180	136	170318	20.000	ng	#-0.01
39) Acenaphthene-d10	14.958	164	113525	20.000	ng	-0.01
64) Phenanthrene-d10	17.708	188	230754	20.000	ng	#-0.01
76) Chrysene-d12	22.038	240	173188	20.000	ng	-0.01
86) Perylene-d12	25.628	264	197594	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.822	112	37328	15.740	ng	0.00
7) Phenol-d6	7.449	99	58389	16.614	ng	0.00
23) Nitrobenzene-d5	9.529	82	55047	12.344	ng	-0.01
42) 2,4,6-Tribromophenol	16.444	330	23497	18.242	ng	-0.01
45) 2-Fluorobiphenyl	13.583	172	107445	12.740	ng	-0.01
79) Terphenyl-d14	20.287	244	150789	12.853	ng	0.00
Target Compounds						
						Qvalue
51) 2,6-Dinitrotoluene	14.952	165	15678	9.394	ng	# 1
71) Phenanthrene	17.755	178	124303	10.595	ng	97
72) Anthracene	17.755	178	124303	10.197	ng	96
75) Fluoranthene	19.746	202	192152	13.657	ng	96
78) Pyrene	20.111	202	184541	15.661	ng	93
81) Benzo(a)anthracene	22.020	228	83154	7.017	ng	95
83) Chrysene	22.020	228	83154	7.655	ng	98
88) Benzo(b)fluoranthene	24.476	252	83619	7.721	ng	# 93
89) Benzo(k)fluoranthene	24.476	252	83619	7.810	ng	# 96
90) Benzo(a)pyrene	25.457	252	69208	5.988	ng	# 96

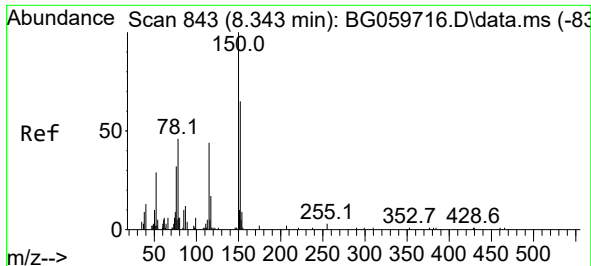
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112023\
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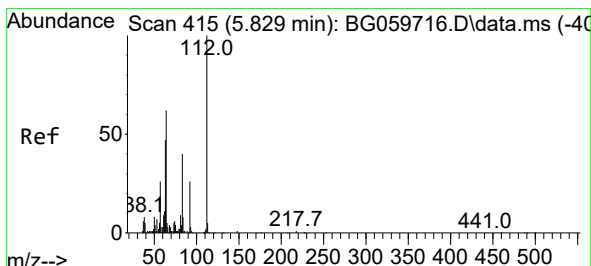
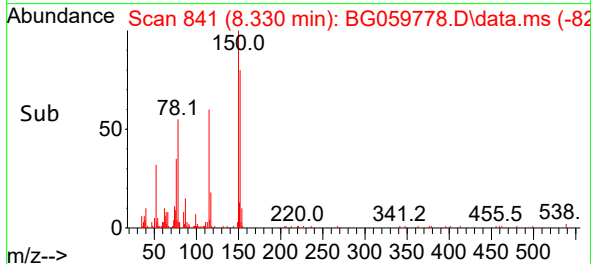
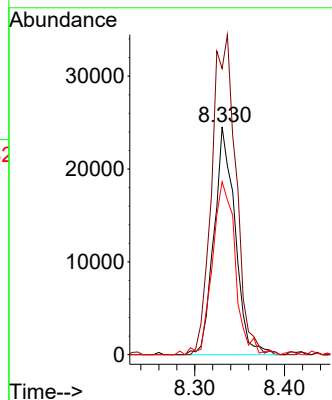
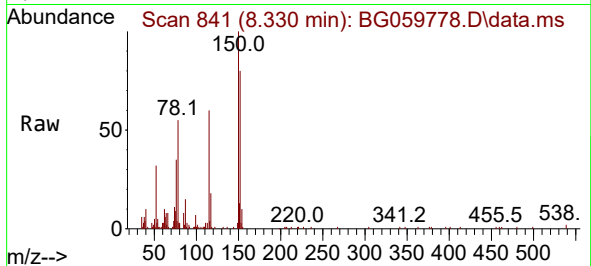




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.330 min Scan# 843
 Delta R.T. -0.013 min
 Lab File: BG059778.D
 Acq: 20 Nov 2023 21:09

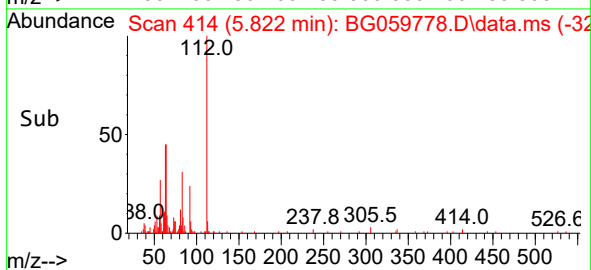
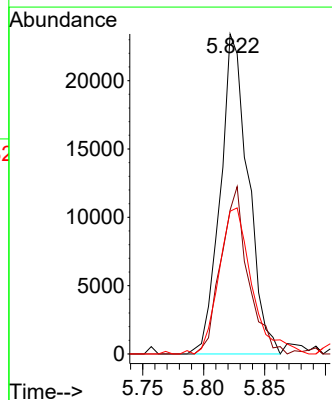
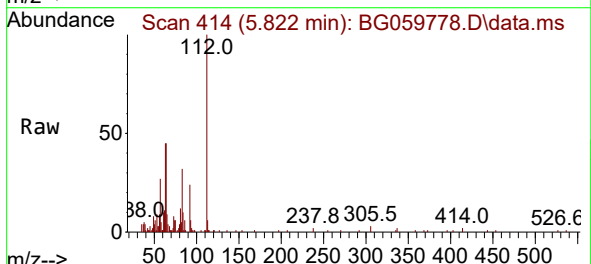
Instrument :
 BNA_G
 ClientSampleId :
 OK-01-111023

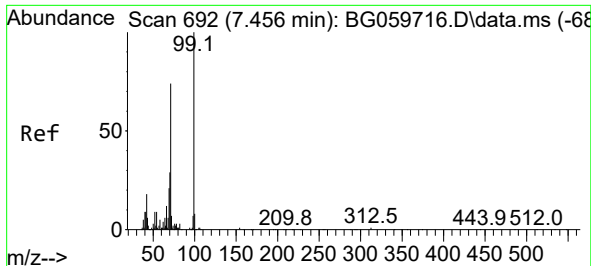
Tgt Ion:152 Resp: 39916
 Ion Ratio Lower Upper
 152 100
 150 125.5 122.2 183.4
 115 75.9 54.2 81.4



#5
 2-Fluorophenol
 Concen: 15.740 ng
 RT: 5.822 min Scan# 414
 Delta R.T. -0.007 min
 Lab File: BG059778.D
 Acq: 20 Nov 2023 21:09

Tgt Ion:112 Resp: 37328
 Ion Ratio Lower Upper
 112 100
 64 45.0 49.5 74.3#
 63 44.6 37.4 56.2

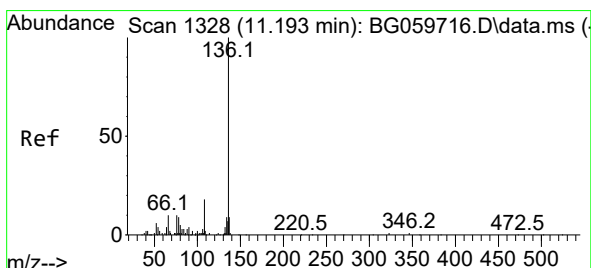
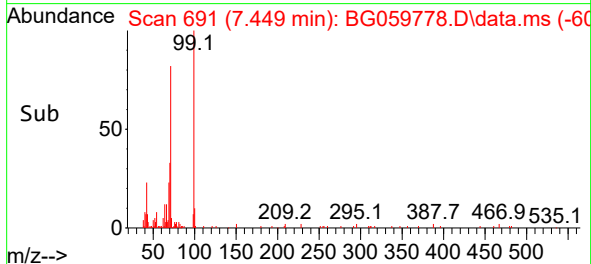
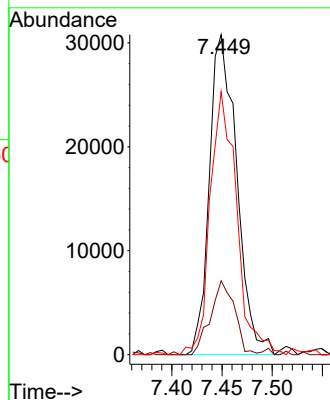
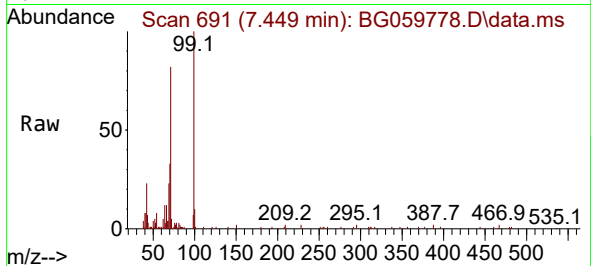




#7
Phenol-d6
Concen: 16.614 ng
RT: 7.449 min Scan# 691
Delta R.T. -0.007 min
Lab File: BG059778.D
Acq: 20 Nov 2023 21:09

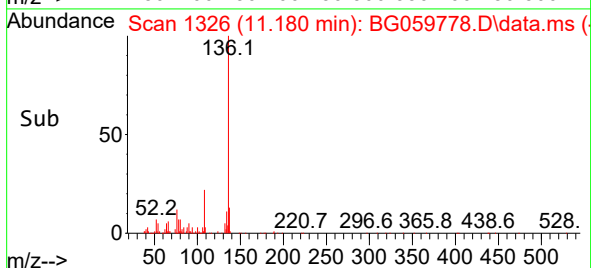
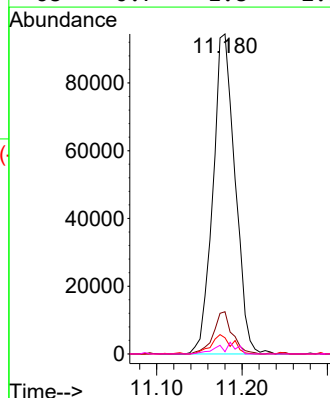
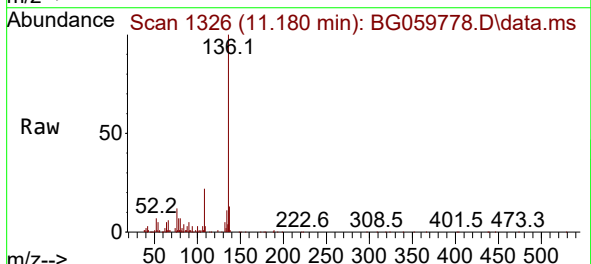
Instrument :
BNA_G
ClientSampleId :
OK-01-111023

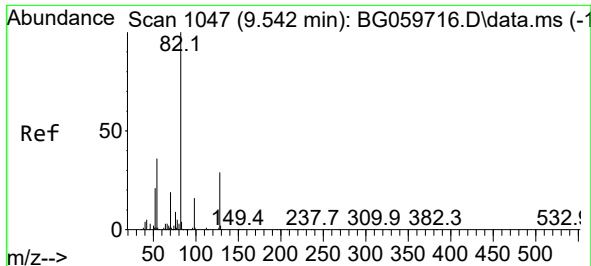
Tgt Ion: 99 Resp: 58389
Ion Ratio Lower Upper
99 100
42 23.1 14.3 21.5#
71 82.2 59.3 88.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.180 min Scan# 1326
Delta R.T. -0.013 min
Lab File: BG059778.D
Acq: 20 Nov 2023 21:09

Tgt Ion:136 Resp: 170318
Ion Ratio Lower Upper
136 100
137 13.2 7.4 11.0#
54 5.0 3.1 4.7#
68 0.7 1.8 2.8#

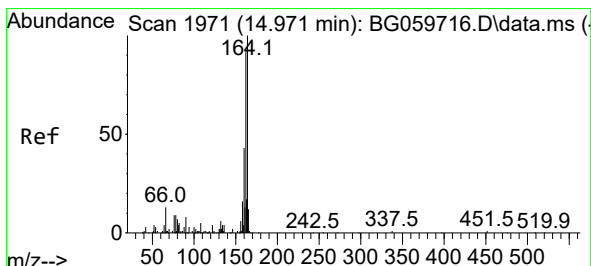
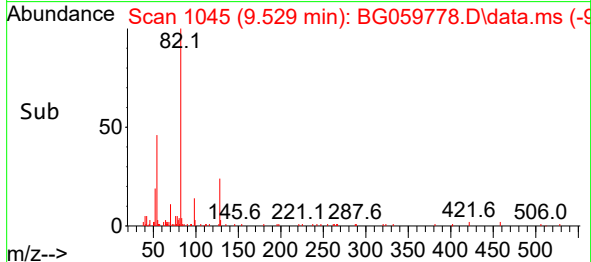
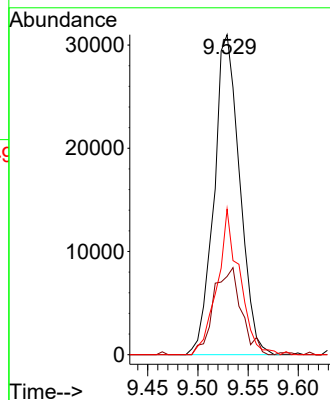
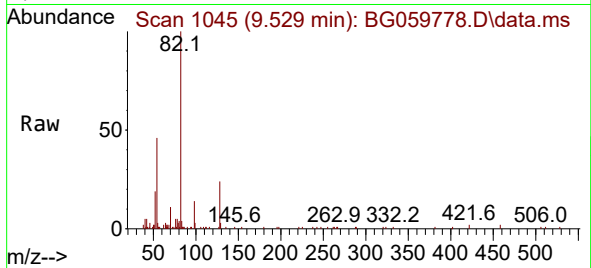




#23
Nitrobenzene-d5
Concen: 12.344 ng
RT: 9.529 min Scan# 1045
Delta R.T. -0.013 min
Lab File: BG059778.D
Acq: 20 Nov 2023 21:09

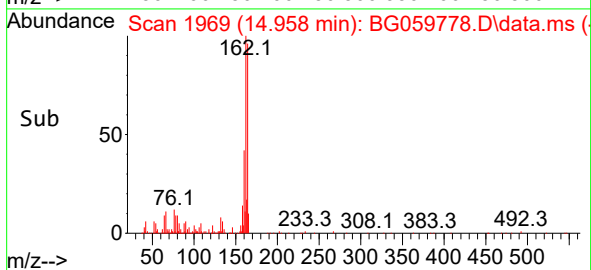
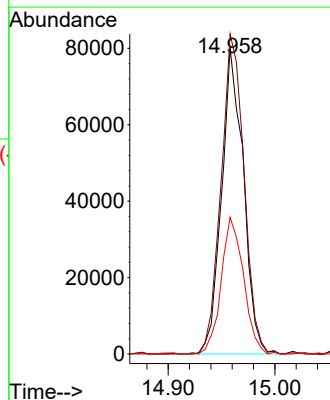
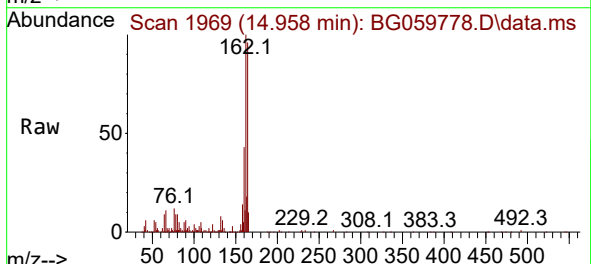
Instrument :
BNA_G
ClientSampleId :
OK-01-111023

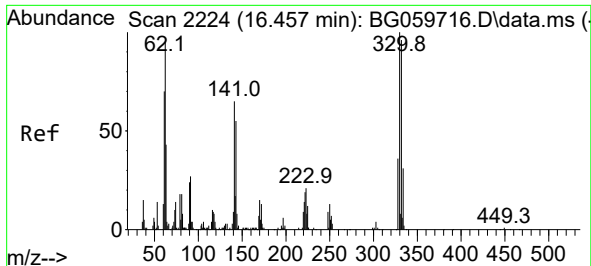
Tgt Ion: 82 Resp: 55047
Ion Ratio Lower Upper
82 100
128 24.4 23.0 34.6
54 45.5 28.7 43.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.958 min Scan# 1969
Delta R.T. -0.013 min
Lab File: BG059778.D
Acq: 20 Nov 2023 21:09

Tgt Ion:164 Resp: 113525
Ion Ratio Lower Upper
164 100
162 104.5 73.3 109.9
160 44.6 34.1 51.1

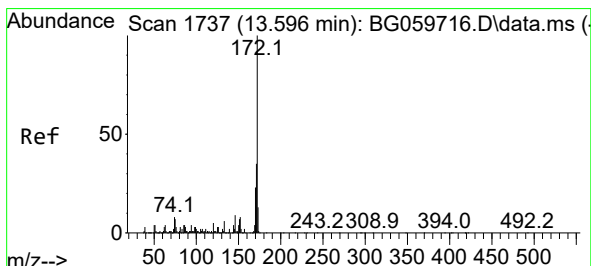
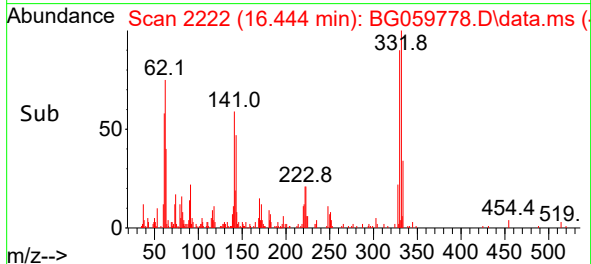
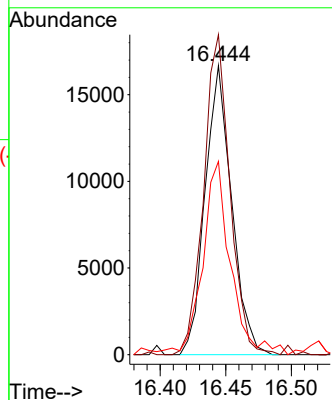
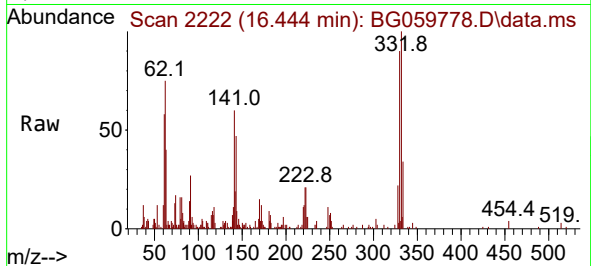




#42
2,4,6-Tribromophenol
Concen: 18.242 ng
RT: 16.444 min Scan# 21
Delta R.T. -0.013 min
Lab File: BG059778.D
Acq: 20 Nov 2023 21:09

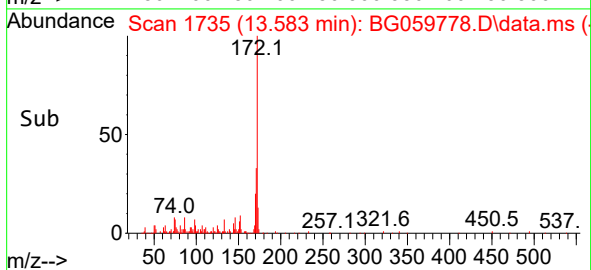
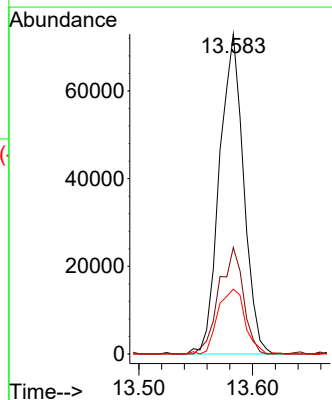
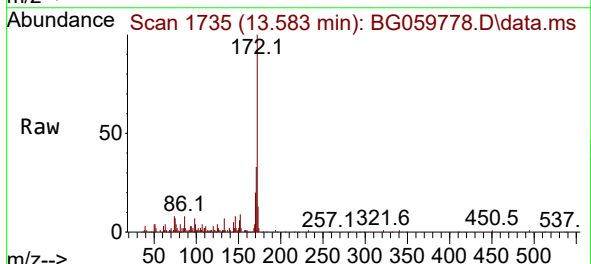
Instrument :
BNA_G
ClientSampleId :
OK-01-111023

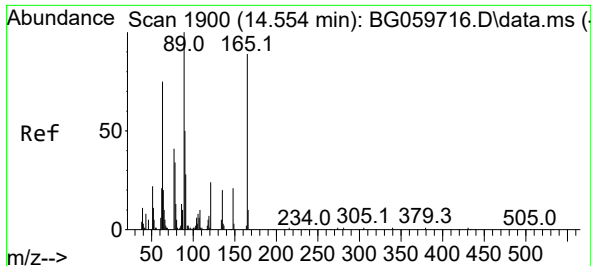
Tgt Ion:330 Resp: 23497
Ion Ratio Lower Upper
330 100
332 109.4 73.3 109.9
141 69.9 52.1 78.1



#45
2-Fluorobiphenyl
Concen: 12.740 ng
RT: 13.583 min Scan# 1735
Delta R.T. -0.013 min
Lab File: BG059778.D
Acq: 20 Nov 2023 21:09

Tgt Ion:172 Resp: 107445
Ion Ratio Lower Upper
172 100
171 33.3 27.7 41.5
170 20.3 18.4 27.6

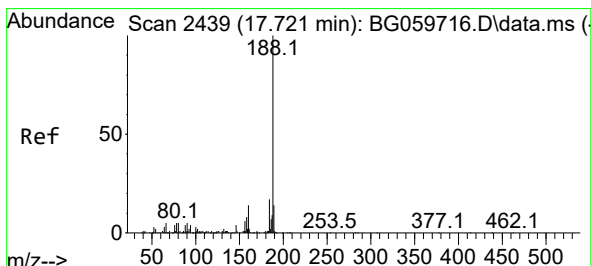
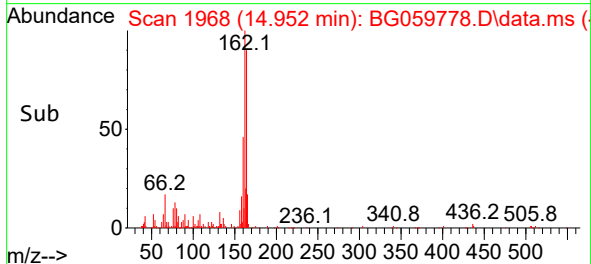
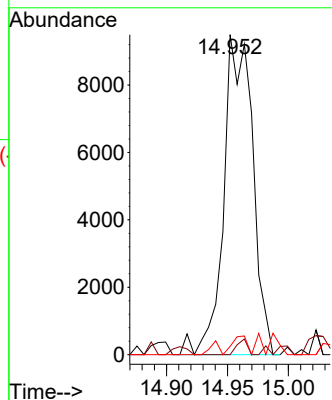
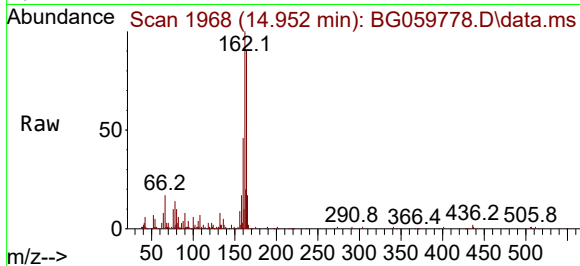




#51
2,6-Dinitrotoluene
Concen: 9.394 ng
RT: 14.952 min Scan# 1900
Delta R.T. 0.398 min
Lab File: BG059778.D
Acq: 20 Nov 2023 21:09

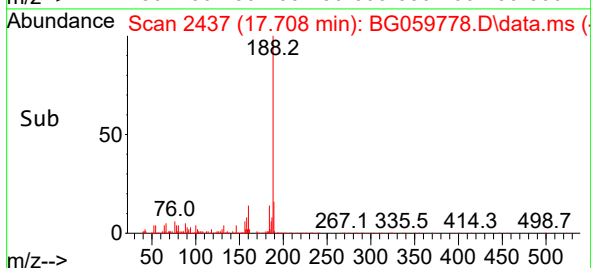
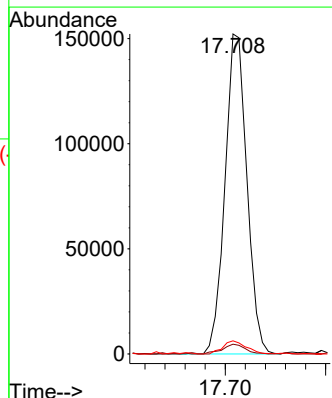
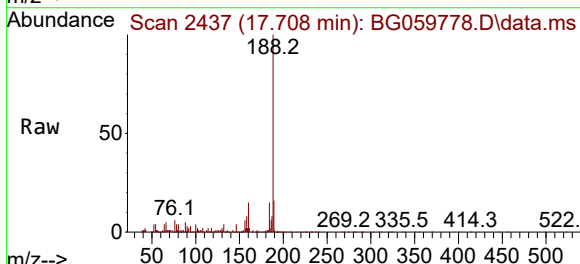
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ClientSampleId :
OK-01-111023

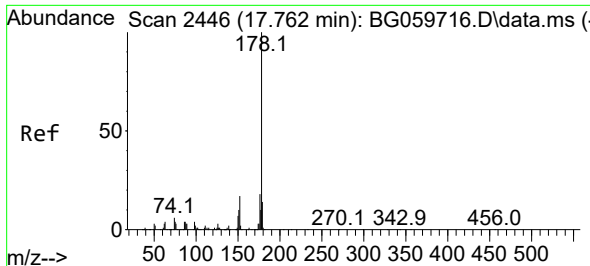
Tgt Ion:165 Resp: 15678
Ion Ratio Lower Upper
165 100
63 0.0 75.3 112.9#
89 2.6 90.9 136.3#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.708 min Scan# 2437
Delta R.T. -0.013 min
Lab File: BG059778.D
Acq: 20 Nov 2023 21:09

Tgt Ion:188 Resp: 230754
Ion Ratio Lower Upper
188 100
94 3.1 3.0 4.4
80 4.1 4.2 6.4#

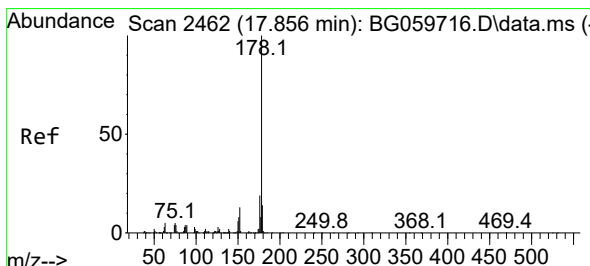
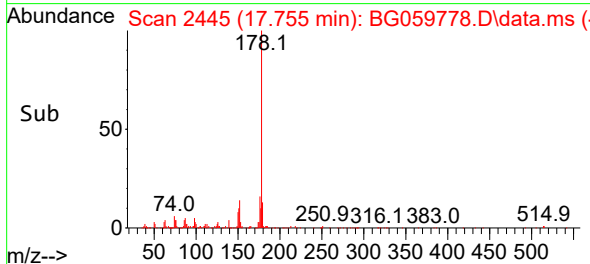
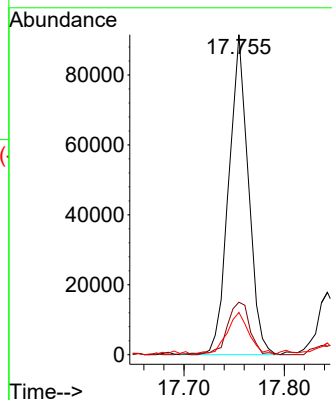
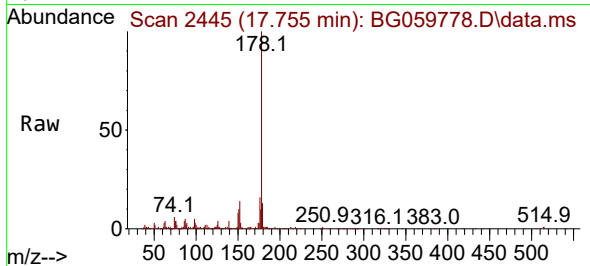




#71
Phenanthrene
Concen: 10.595 ng
RT: 17.755 min Scan# 2445
Delta R.T. -0.007 min
Lab File: BG059778.D
Acq: 20 Nov 2023 21:09

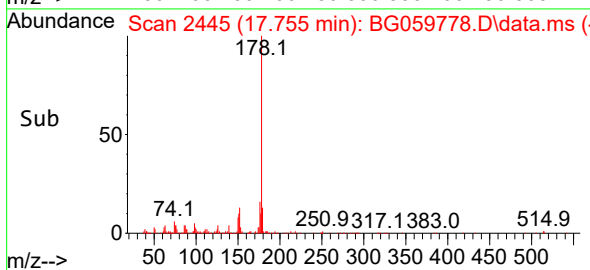
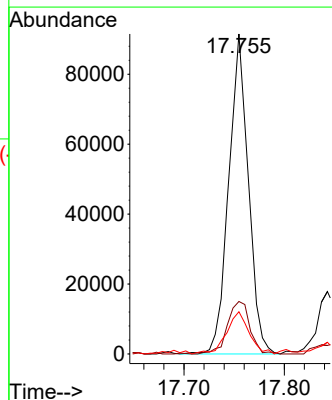
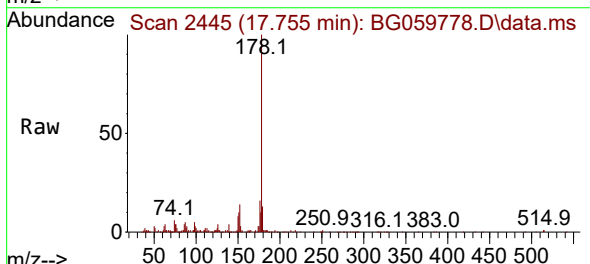
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ClientSampleId :
OK-01-111023

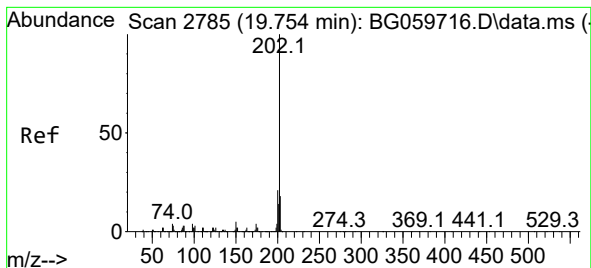
Tgt Ion:178 Resp: 124303
Ion Ratio Lower Upper
178 100
176 16.4 14.5 21.7
179 13.2 11.2 16.8



#72
Anthracene
Concen: 10.197 ng
RT: 17.755 min Scan# 2445
Delta R.T. -0.101 min
Lab File: BG059778.D
Acq: 20 Nov 2023 21:09

Tgt Ion:178 Resp: 124303
Ion Ratio Lower Upper
178 100
176 16.4 15.0 22.4
179 13.2 11.5 17.3





#75

Fluoranthene

Concen: 13.657 ng

RT: 19.746 min Scan# 21

Delta R.T. -0.007 min

Lab File: BG059778.D

Acq: 20 Nov 2023 21:09

Instrument :

BNA_G

ClientSampleId :

OK-01-111023

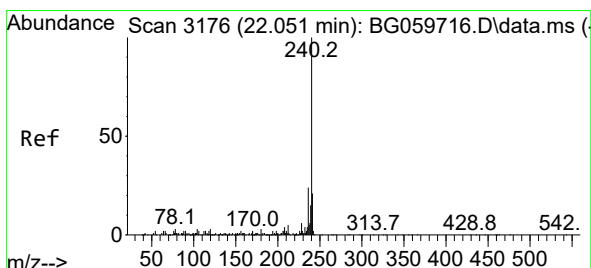
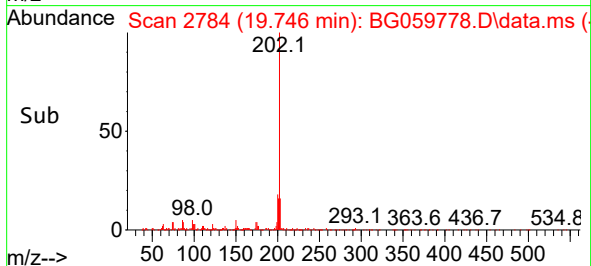
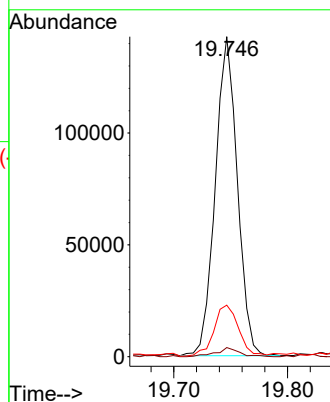
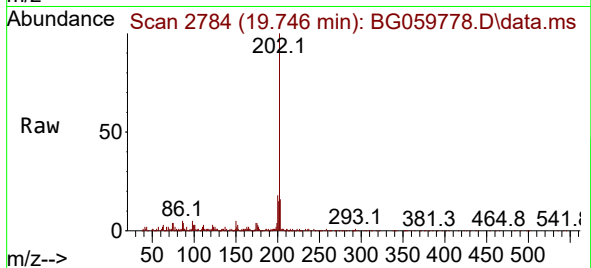
Tgt Ion:202 Resp: 192152

Ion Ratio Lower Upper

202 100

101 2.8 0.0 22.7

203 16.1 0.0 38.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.038 min Scan# 3174

Delta R.T. -0.013 min

Lab File: BG059778.D

Acq: 20 Nov 2023 21:09

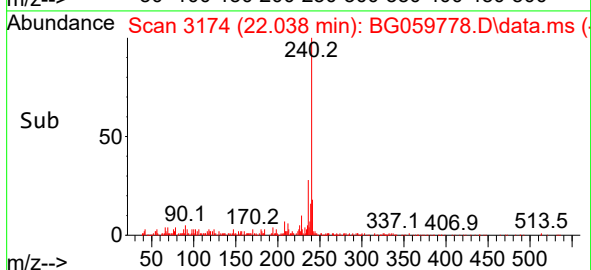
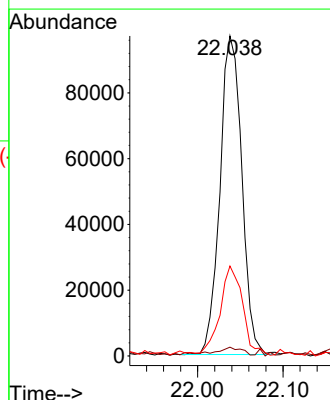
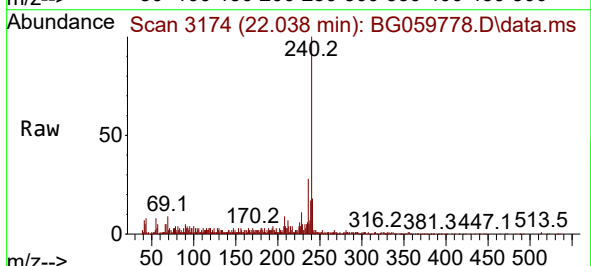
Tgt Ion:240 Resp: 173188

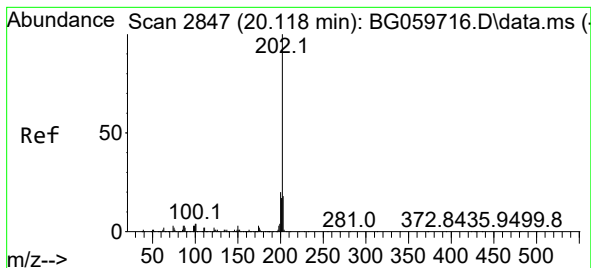
Ion Ratio Lower Upper

240 100

120 2.8 2.2 3.2

236 28.1 19.4 29.2





#78

Pyrene

Concen: 15.661 ng

RT: 20.111 min Scan# 2

Delta R.T. -0.007 min

Lab File: BG059778.D

Acq: 20 Nov 2023 21:09

Instrument :

BNA_G

ClientSampleId :

OK-01-111023

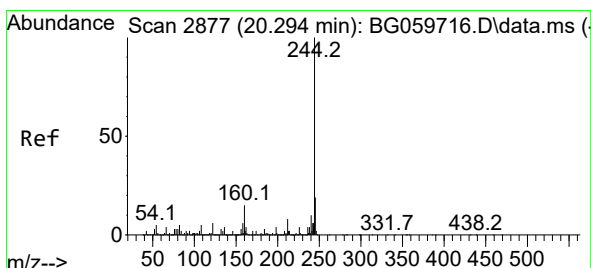
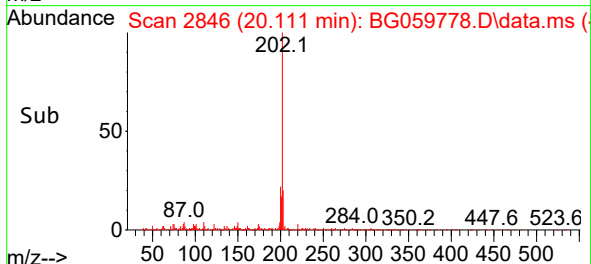
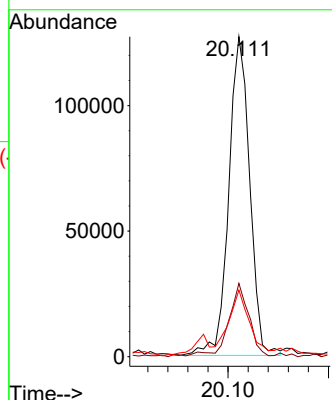
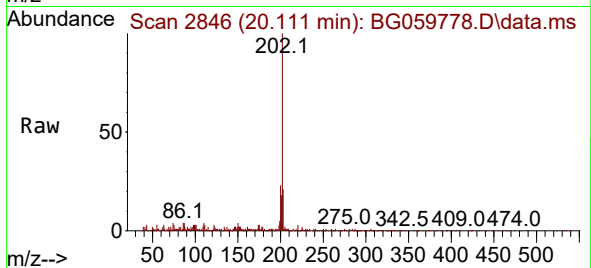
Tgt Ion:202 Resp: 184541

Ion Ratio Lower Upper

202 100

200 22.9 16.2 24.4

203 20.8 14.0 21.0



#79

Terphenyl-d14

Concen: 12.853 ng

RT: 20.287 min Scan# 2876

Delta R.T. -0.007 min

Lab File: BG059778.D

Acq: 20 Nov 2023 21:09

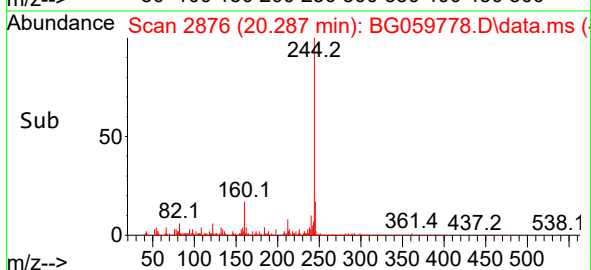
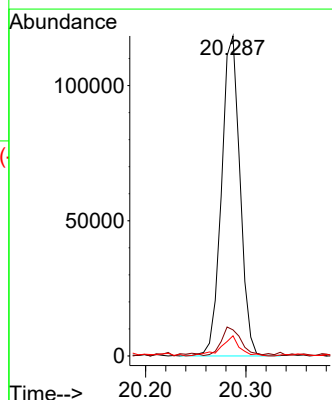
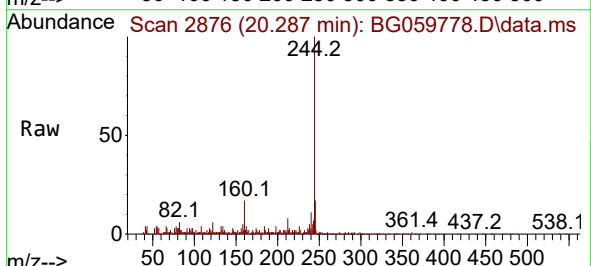
Tgt Ion:244 Resp: 150789

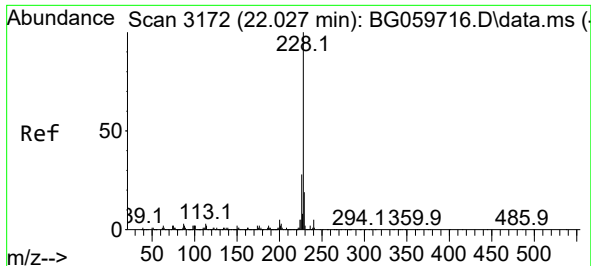
Ion Ratio Lower Upper

244 100

212 8.2 6.6 10.0

122 6.3 4.4 6.6

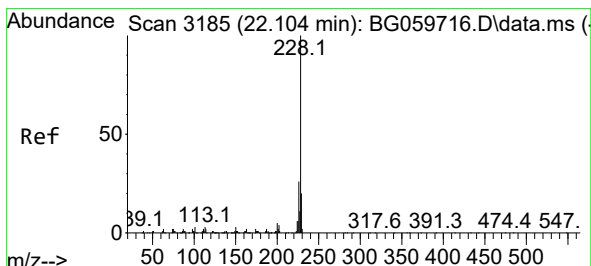
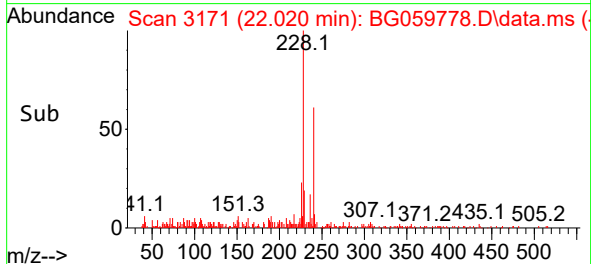
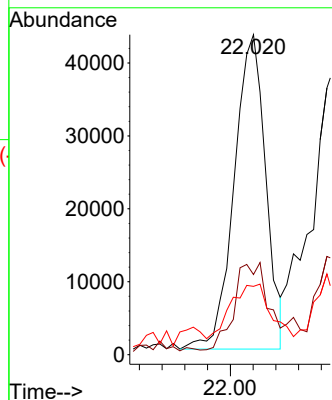
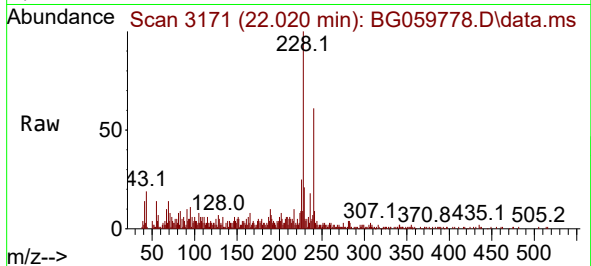




#81
Benzo(a)anthracene
Concen: 7.017 ng
RT: 22.020 min Scan# 3171
Delta R.T. -0.007 min
Lab File: BG059778.D
Acq: 20 Nov 2023 21:09

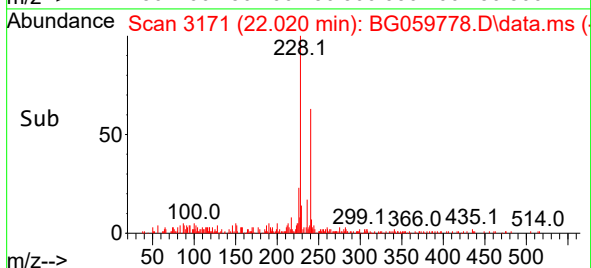
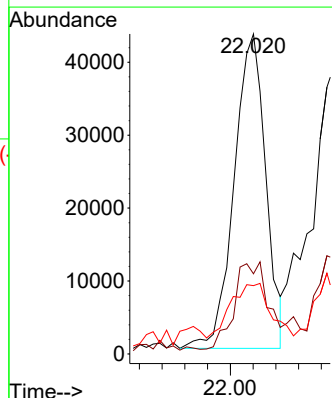
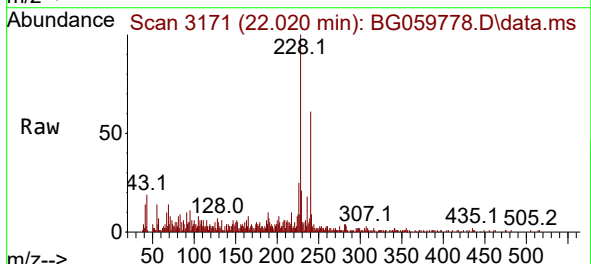
Instrument :
BNA_G
ClientSampleId :
OK-01-111023

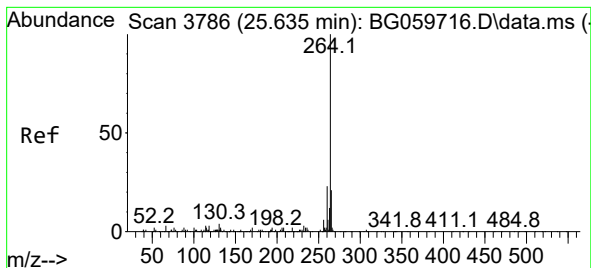
Tgt Ion:228 Resp: 83154
Ion Ratio Lower Upper
228 100
226 25.1 22.1 33.1
229 21.4 14.9 22.3



#83
Chrysene
Concen: 7.655 ng
RT: 22.020 min Scan# 3171
Delta R.T. -0.083 min
Lab File: BG059778.D
Acq: 20 Nov 2023 21:09

Tgt Ion:228 Resp: 83154
Ion Ratio Lower Upper
228 100
226 25.1 21.1 31.7
229 21.4 16.2 24.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.628 min Scan# 31

Delta R.T. -0.007 min

Lab File: BG059778.D

Acq: 20 Nov 2023 21:09

Instrument :

BNA_G

ClientSampleId :

OK-01-111023

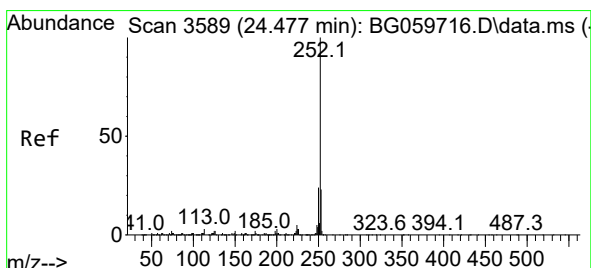
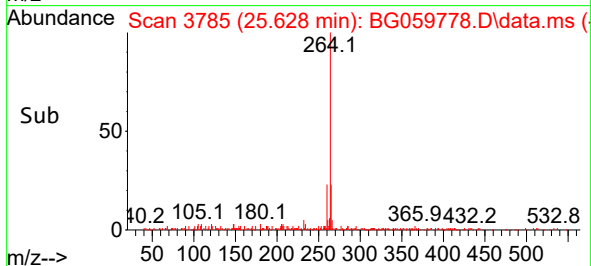
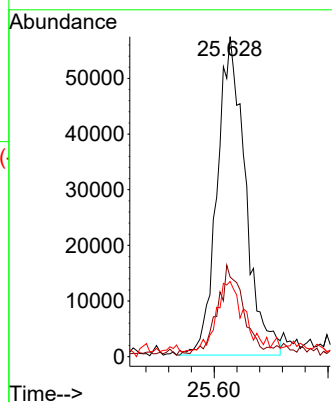
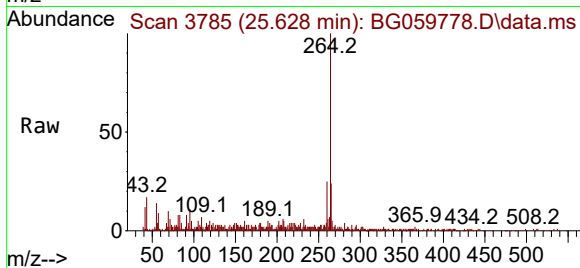
Tgt Ion:264 Resp: 197594

Ion Ratio Lower Upper

264 100

260 24.9 18.5 27.7

265 23.5 17.0 25.6



#88

Benzo(b)fluoranthene

Concen: 7.721 ng

RT: 24.476 min Scan# 3589

Delta R.T. -0.001 min

Lab File: BG059778.D

Acq: 20 Nov 2023 21:09

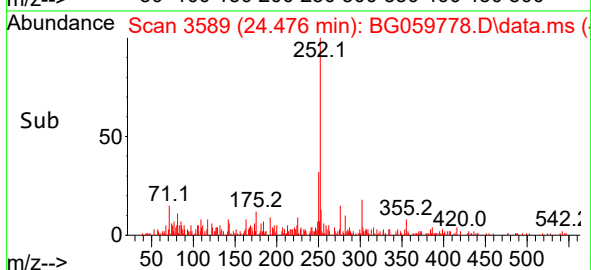
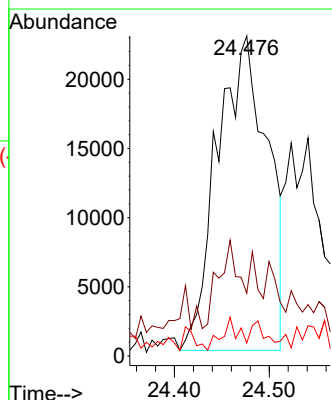
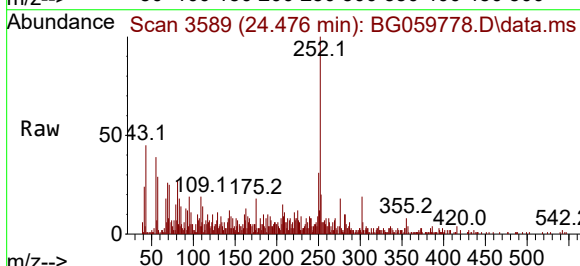
Tgt Ion:252 Resp: 83619

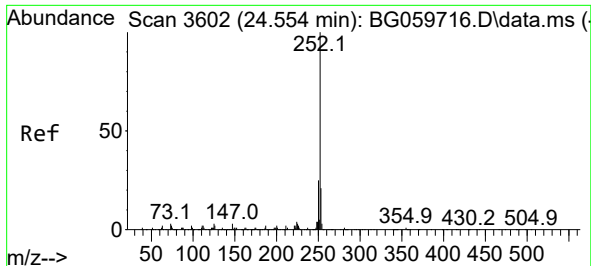
Ion Ratio Lower Upper

252 100

253 19.6 18.3 27.5

125 4.0 1.4 2.0#

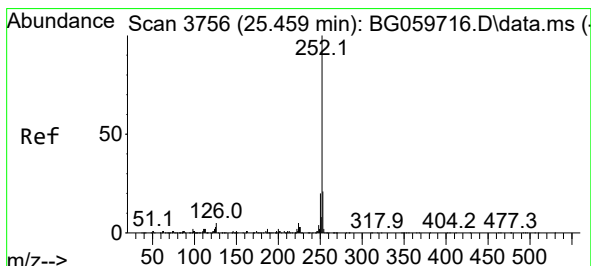
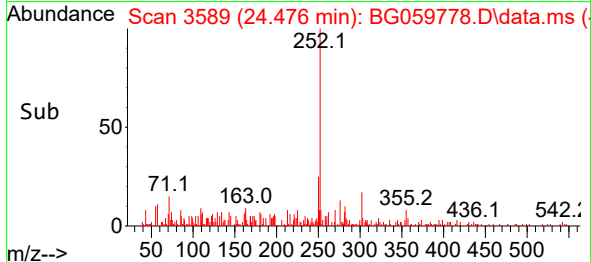
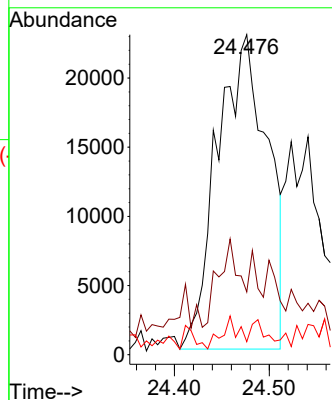
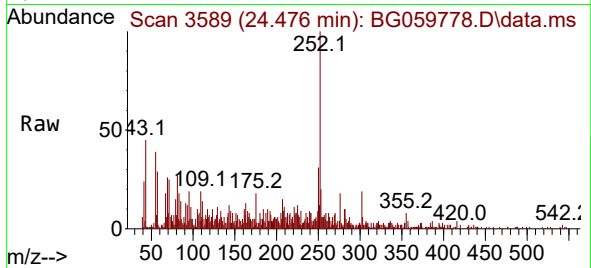




#89
Benzo(k)fluoranthene
Concen: 7.810 ng
RT: 24.476 min Scan# 31
Delta R.T. -0.078 min
Lab File: BG059778.D
Acq: 20 Nov 2023 21:09

Instrument :
BNA_G
ClientSampleId :
OK-01-111023

Tgt Ion:252 Resp: 83619
Ion Ratio Lower Upper
252 100
253 19.6 17.1 25.7
125 4.0 2.2 3.2#



#90
Benzo(a)pyrene
Concen: 5.988 ng
RT: 25.457 min Scan# 3756
Delta R.T. -0.001 min
Lab File: BG059778.D
Acq: 20 Nov 2023 21:09

Tgt Ion:252 Resp: 69208
Ion Ratio Lower Upper
252 100
253 21.7 16.8 25.2
125 9.5 2.0 3.0#

