

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112423\
 Data File : BG059889.D
 Acq On : 25 Nov 2023 13:17
 Operator : MA/JU
 Sample : 05408-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 710-BROOKLYN-AVE

Quant Time: Nov 27 03:21:25 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 24 15:11:07 2023
 Response via : Initial Calibration

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

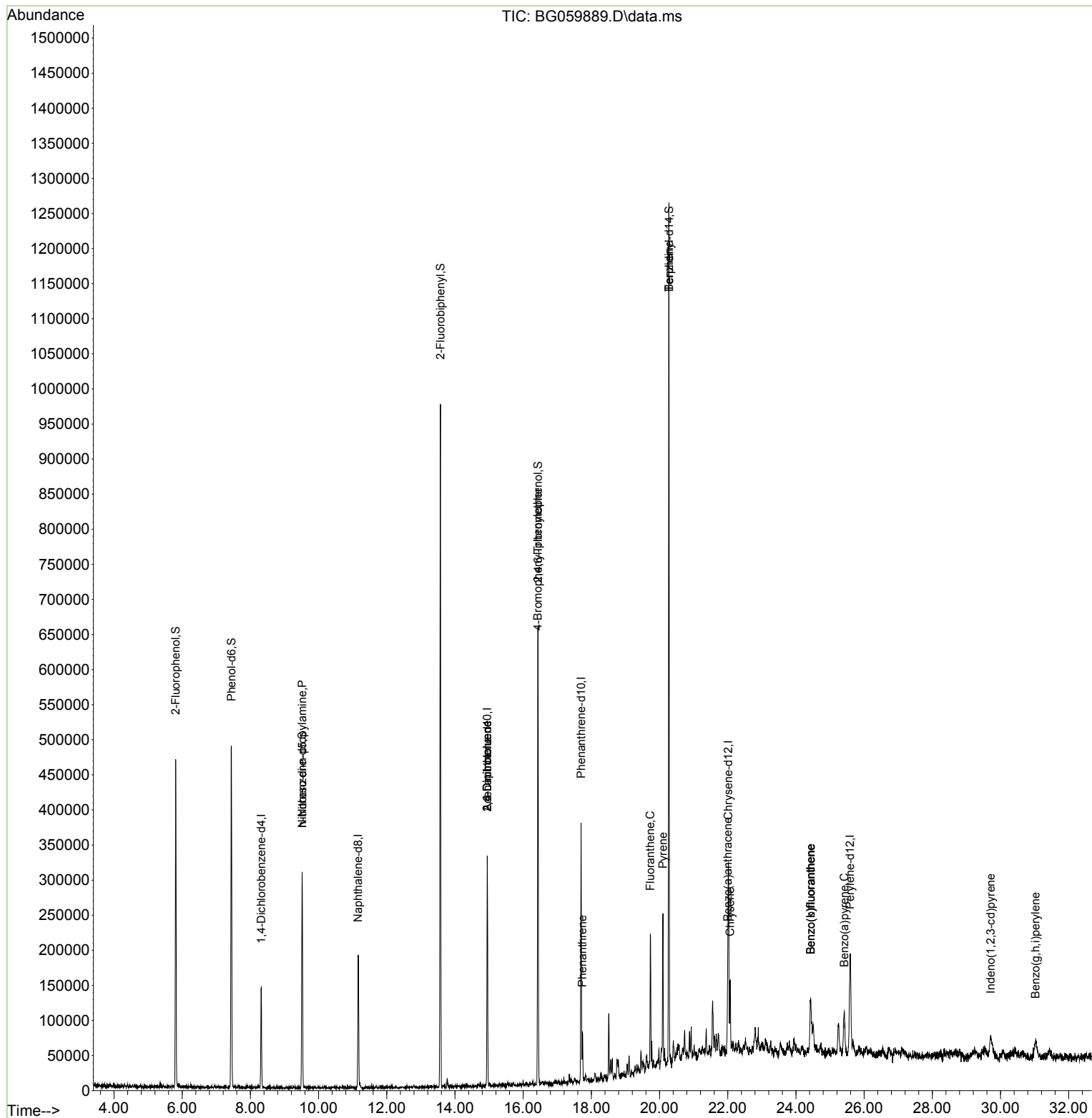
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.319	152	30454	20.000	ng	0.00
21) Naphthalene-d8	11.157	136	138018	20.000	ng	#-0.01
39) Acenaphthene-d10	14.947	164	101844	20.000	ng	0.00
64) Phenanthrene-d10	17.697	188	194481	20.000	ng	#-0.01
76) Chrysene-d12	22.015	240	146374	20.000	ng	#-0.02
86) Perylene-d12	25.587	264	180598	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.811	112	165076	91.235	ng	0.00
7) Phenol-d6	7.444	99	219123	81.723	ng	0.00
23) Nitrobenzene-d5	9.518	82	200869	55.584	ng	0.00
42) 2,4,6-Tribromophenol	16.433	330	94448	81.735	ng	0.00
45) 2-Fluorobiphenyl	13.572	172	438063	57.898	ng	0.00
79) Terphenyl-d14	20.276	244	522883	52.735	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.518	70	31177	14.766	ng	# 82
51) 2,6-Dinitrotoluene	14.947	165	13631	9.104	ng	# 1
57) 2,4-Dinitrotoluene	14.947	165	13631	5.920	ng	# 4
67) 4-Bromophenyl-phenylether	16.428	248	7028	3.364	ng	# 1
71) Phenanthrene	17.738	178	38481	3.892	ng	# 87
75) Fluoranthene	19.730	202	116959	9.863	ng	99
77) Benzidine	20.276	184	16186	4.877	ng	# 89
78) Pyrene	20.100	202	129917	13.045	ng	99
81) Benzo(a)anthracene	21.998	228	63296	6.320	ng	94
83) Chrysene	22.068	228	74704	8.137	ng	98
87) Indeno(1,2,3-cd)pyrene	29.712	276	53938	3.947	ng	# 93
88) Benzo(b)fluoranthene	24.436	252	88689	8.960	ng	# 97
89) Benzo(k)fluoranthene	24.436	252	88689	9.063	ng	# 99
90) Benzo(a)pyrene	25.417	252	73967	7.002	ng	# 96
92) Benzo(g,h,i)perylene	31.022	276	33173	3.024	ng	95

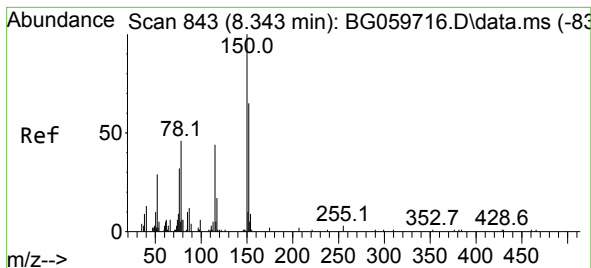
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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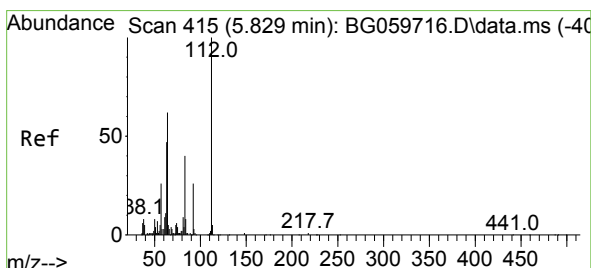
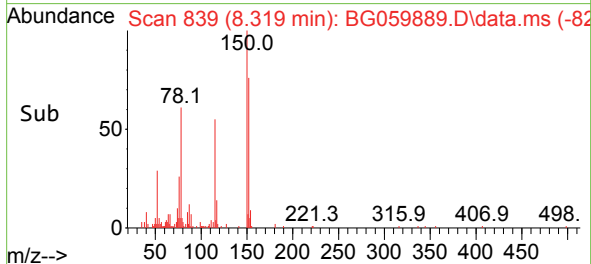
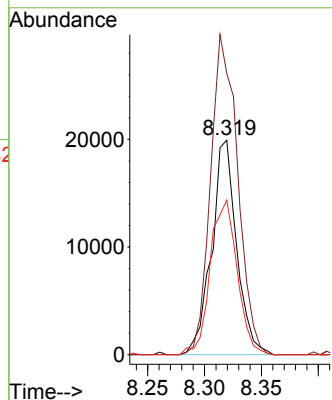
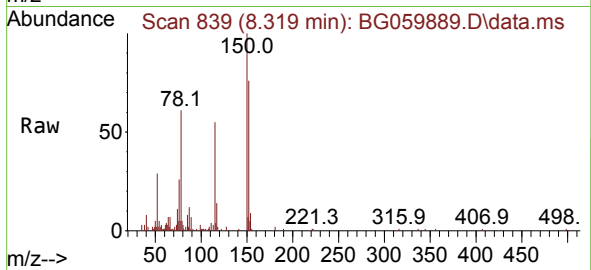




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.319 min Scan# 81
Delta R.T. 0.004 min
Lab File: BG059889.D
Acq: 25 Nov 2023 13:17

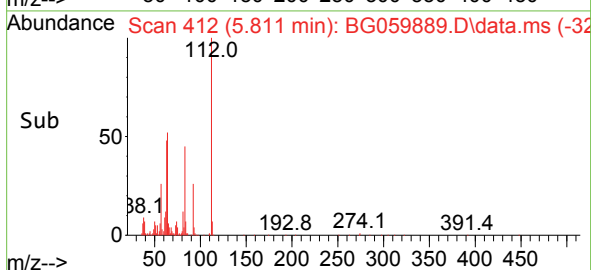
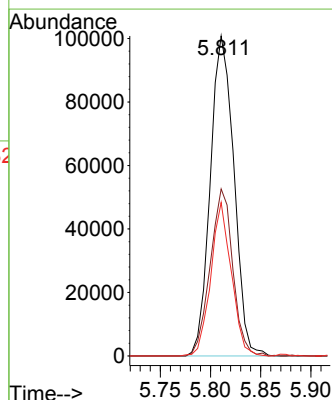
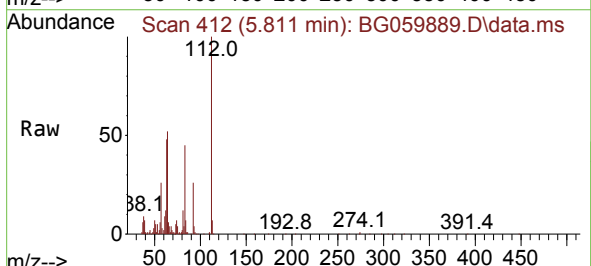
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BNA_G
ClientSampleId :
710-BROOKLYN-AVE

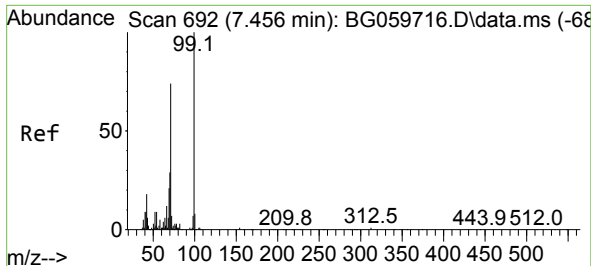
Tgt Ion:152 Resp: 30454
Ion Ratio Lower Upper
152 100
150 131.1 122.2 183.4
115 72.1 54.2 81.4



#5
2-Fluorophenol
Concen: 91.235 ng
RT: 5.811 min Scan# 412
Delta R.T. -0.001 min
Lab File: BG059889.D
Acq: 25 Nov 2023 13:17

Tgt Ion:112 Resp: 165076
Ion Ratio Lower Upper
112 100
64 52.2 49.5 74.3
63 47.9 37.4 56.2

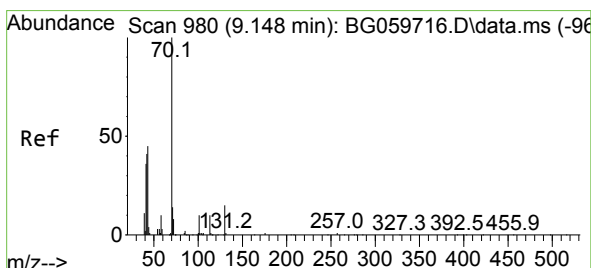
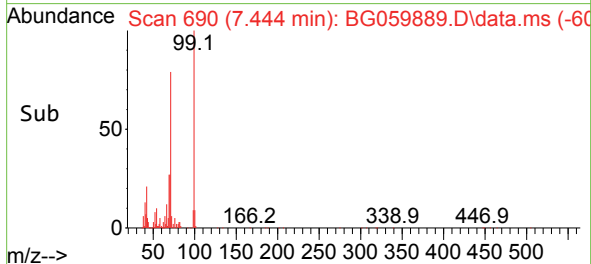
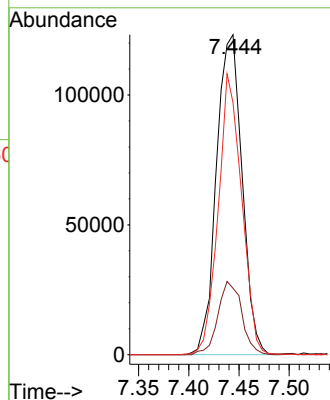
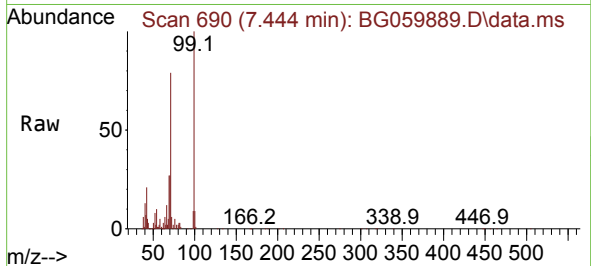




#7
Phenol-d6
Concen: 81.723 ng
RT: 7.444 min Scan# 69
Delta R.T. -0.001 min
Lab File: BG059889.D
Acq: 25 Nov 2023 13:17

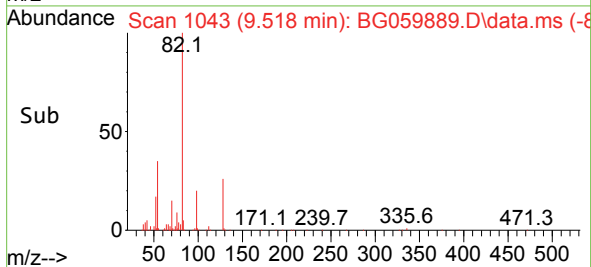
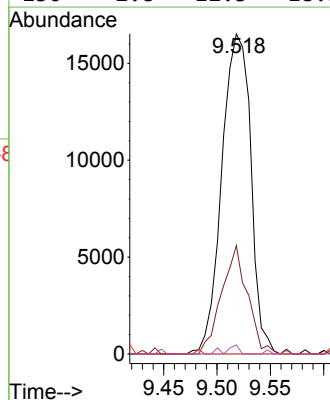
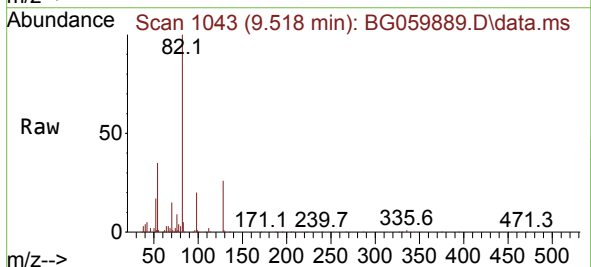
Instrument :
BNA_G
ClientSampleId :
710-BROOKLYN-AVE

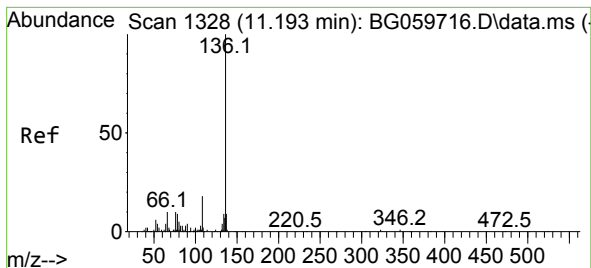
Tgt Ion: 99 Resp: 219123
Ion Ratio Lower Upper
99 100
42 20.8 14.3 21.5
71 78.8 59.3 88.9



#19
n-Nitroso-di-n-propylamine
Concen: 14.766 ng
RT: 9.518 min Scan# 1043
Delta R.T. 0.387 min
Lab File: BG059889.D
Acq: 25 Nov 2023 13:17

Tgt Ion: 70 Resp: 31177
Ion Ratio Lower Upper
70 100
42 33.9 32.8 49.2
101 0.0 7.7 11.5#
130 2.8 12.3 18.5#

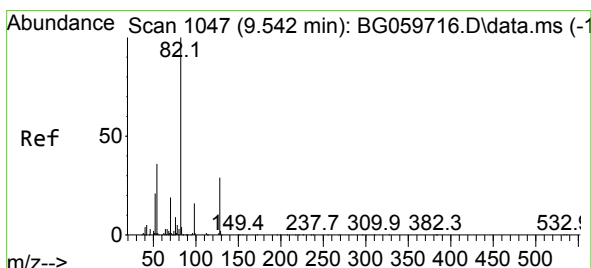
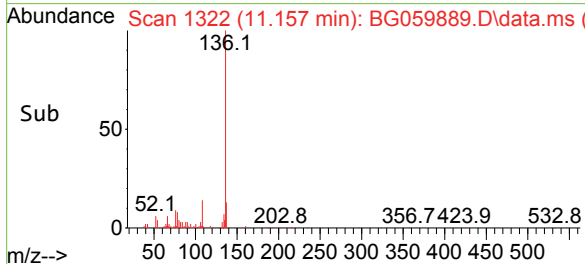
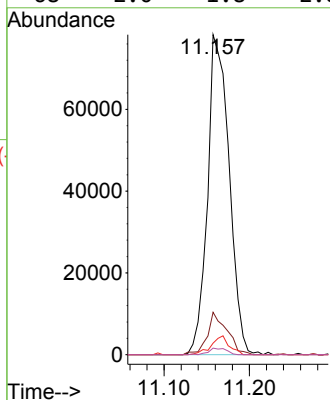
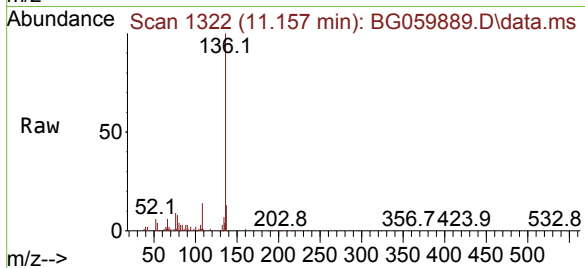




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.157 min Scan# 111
Delta R.T. -0.013 min
Lab File: BG059889.D
Acq: 25 Nov 2023 13:17

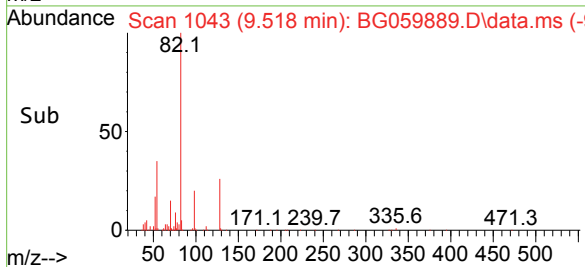
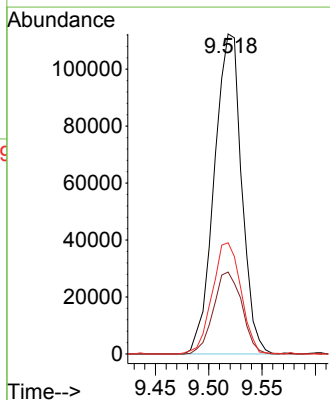
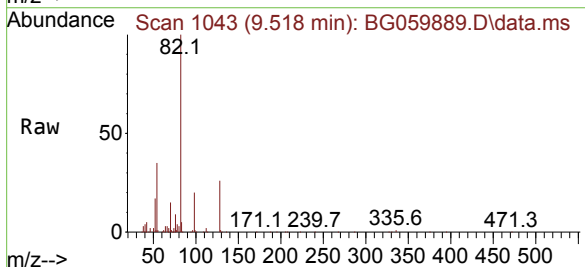
Instrument :
BNA_G
ClientSampleId :
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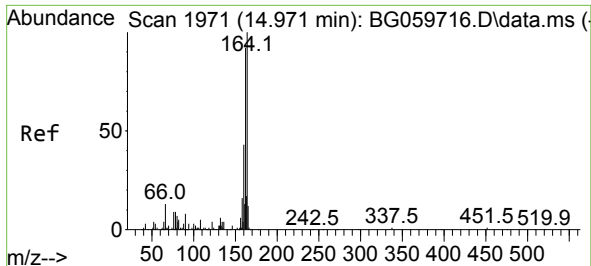
Tgt Ion:136 Resp: 138018
Ion Ratio Lower Upper
136 100
137 13.3 7.4 11.0#
54 3.6 3.1 4.7
68 2.0 1.8 2.8



#23
Nitrobenzene-d5
Concen: 55.584 ng
RT: 9.518 min Scan# 1043
Delta R.T. -0.007 min
Lab File: BG059889.D
Acq: 25 Nov 2023 13:17

Tgt Ion: 82 Resp: 200869
Ion Ratio Lower Upper
82 100
128 25.6 23.0 34.6
54 34.7 28.7 43.1

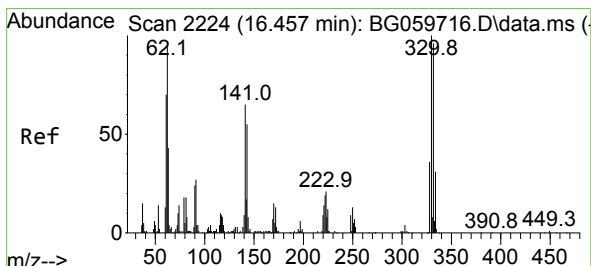
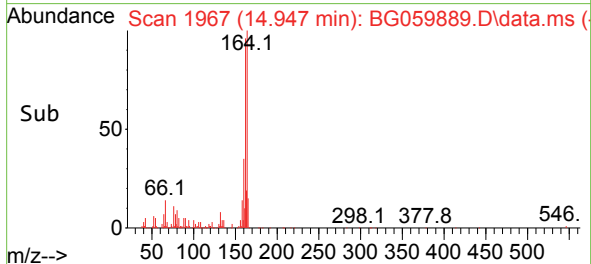
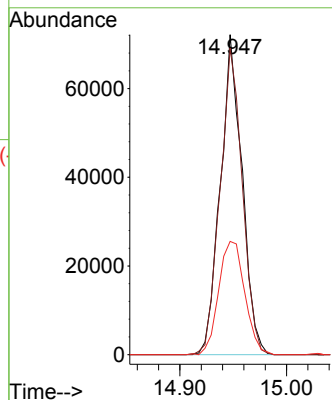
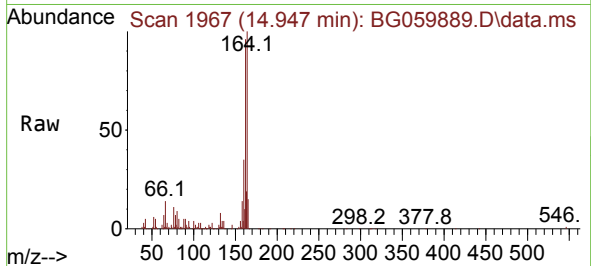




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.947 min Scan# 1971
Delta R.T. -0.007 min
Lab File: BG059889.D
Acq: 25 Nov 2023 13:17

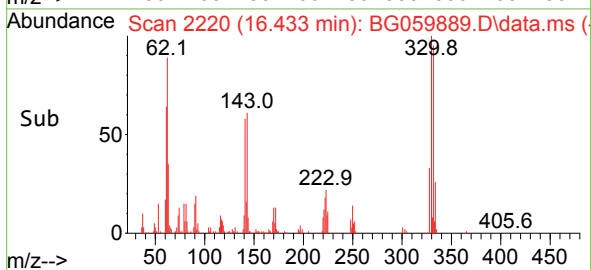
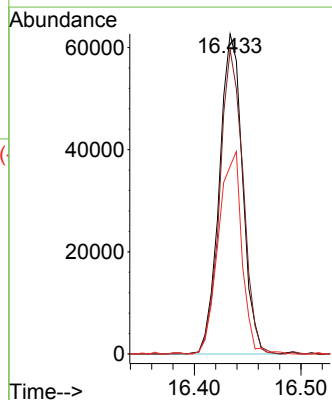
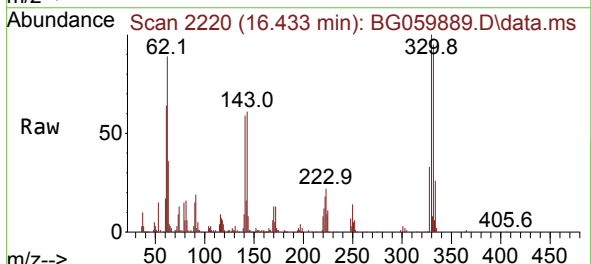
Instrument :
BNA_G
ClientSampleId :
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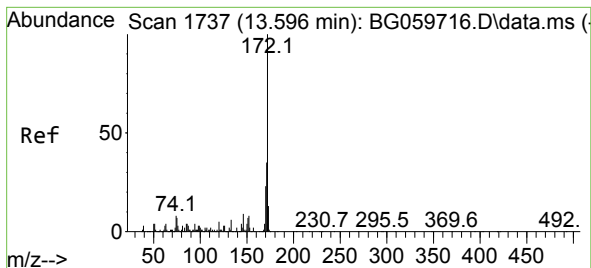
Tgt Ion:164 Resp: 101844
Ion Ratio Lower Upper
164 100
162 95.9 73.3 109.9
160 35.4 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 81.735 ng
RT: 16.433 min Scan# 2220
Delta R.T. -0.007 min
Lab File: BG059889.D
Acq: 25 Nov 2023 13:17

Tgt Ion:330 Resp: 94448
Ion Ratio Lower Upper
330 100
332 95.4 73.3 109.9
141 64.1 52.1 78.1

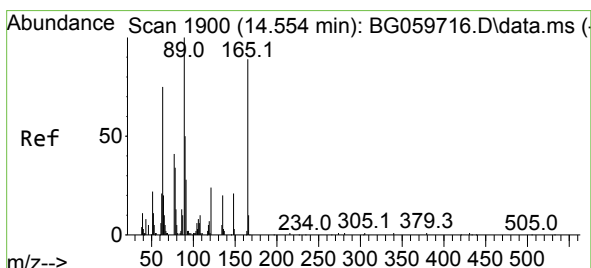
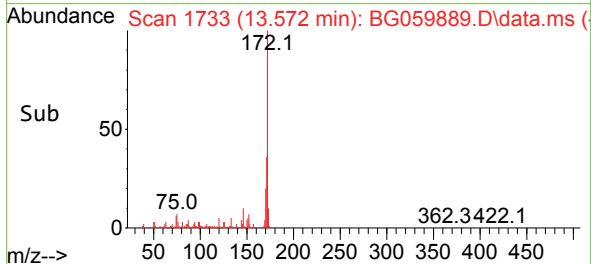
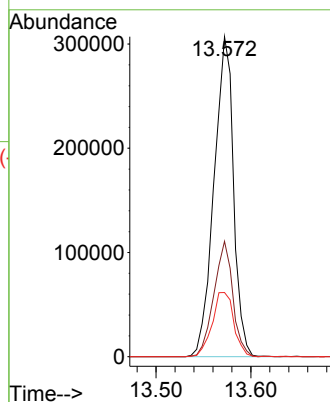
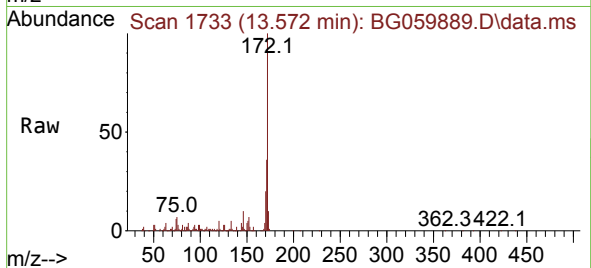




#45
2-Fluorobiphenyl
Concen: 57.898 ng
RT: 13.572 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG059889.D
Acq: 25 Nov 2023 13:17

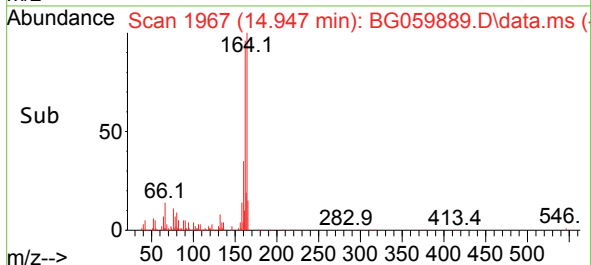
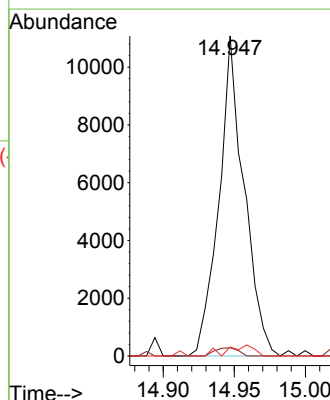
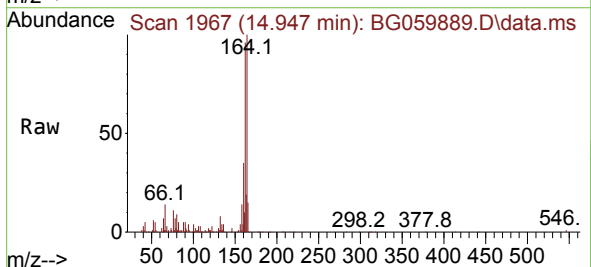
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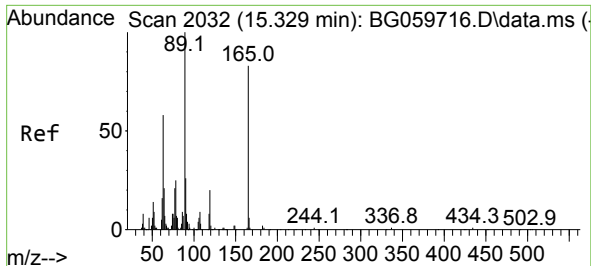
Tgt Ion:172 Resp: 438063
Ion Ratio Lower Upper
172 100
171 36.0 27.7 41.5
170 20.1 18.4 27.6



#51
2,6-Dinitrotoluene
Concen: 9.104 ng
RT: 14.947 min Scan# 1967
Delta R.T. 0.404 min
Lab File: BG059889.D
Acq: 25 Nov 2023 13:17

Tgt Ion:165 Resp: 13631
Ion Ratio Lower Upper
165 100
63 2.6 75.3 112.9#
89 2.8 90.9 136.3#

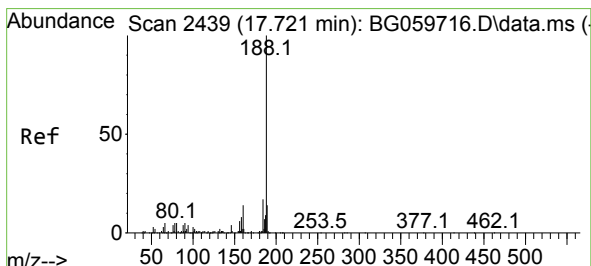
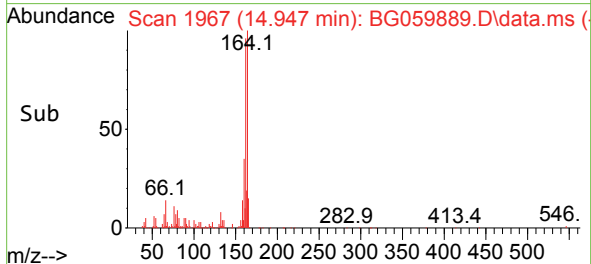
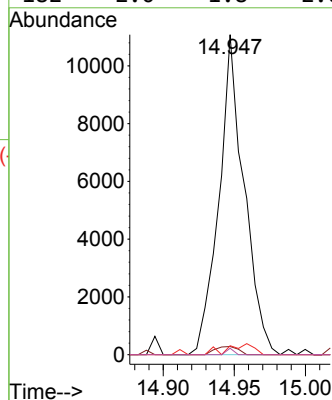
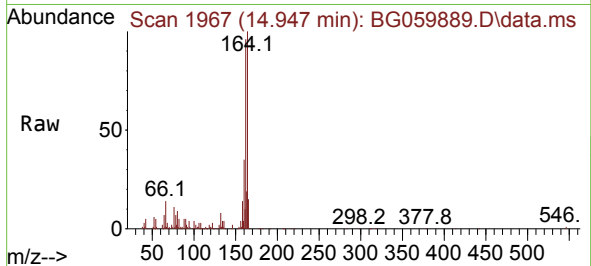




#57
2,4-Dinitrotoluene
Concen: 5.920 ng
RT: 14.947 min Scan# 1967
Delta R.T. -0.377 min
Lab File: BG059889.D
Acq: 25 Nov 2023 13:17

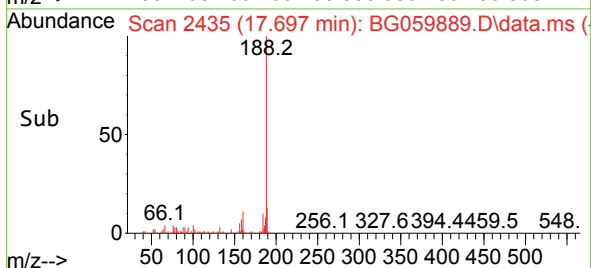
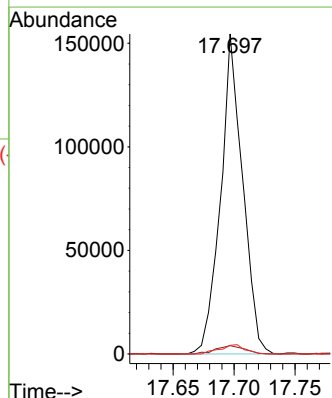
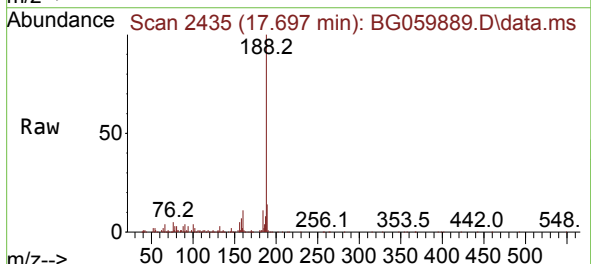
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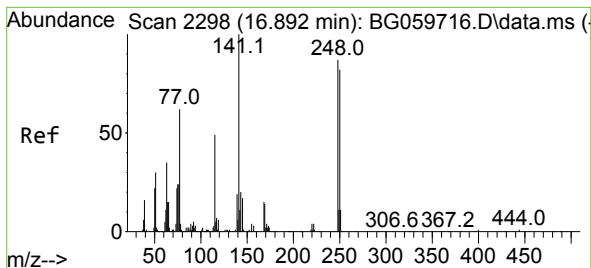
Tgt Ion:165 Resp: 13631
Ion Ratio Lower Upper
165 100
63 2.6 55.8 83.8#
89 2.8 96.9 145.3#
182 2.0 1.8 2.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.697 min Scan# 2435
Delta R.T. -0.013 min
Lab File: BG059889.D
Acq: 25 Nov 2023 13:17

Tgt Ion:188 Resp: 194481
Ion Ratio Lower Upper
188 100
94 2.6 3.0 4.4#
80 3.2 4.2 6.4#

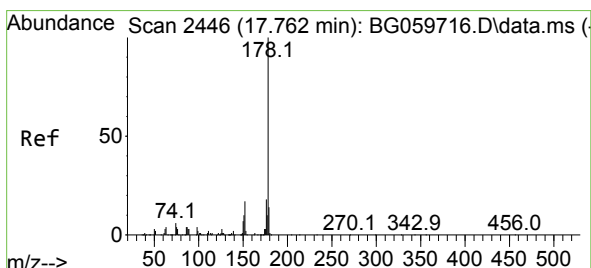
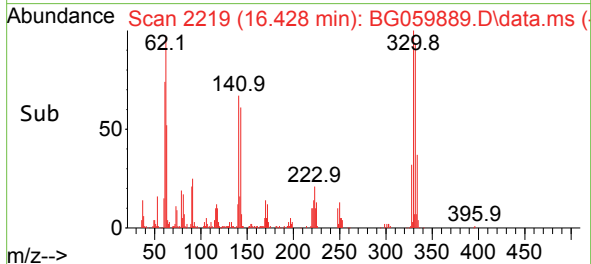
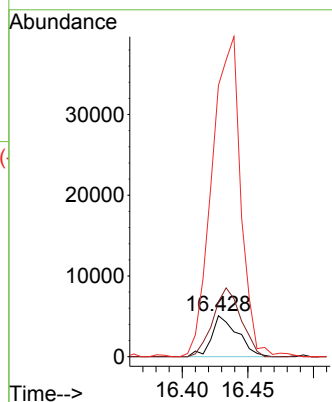
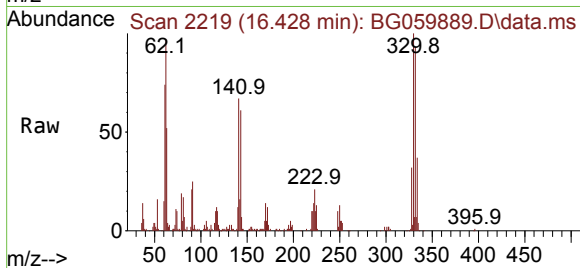




#67
4-Bromophenyl-phenylether
Concen: 3.364 ng
RT: 16.428 min Scan# 21
Delta R.T. -0.453 min
Lab File: BG059889.D
Acq: 25 Nov 2023 13:17

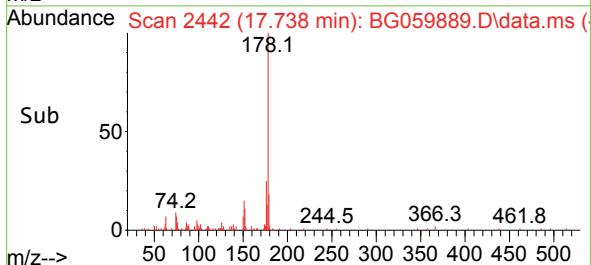
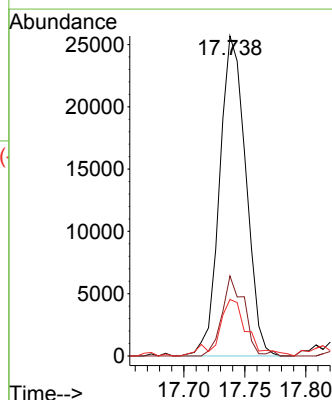
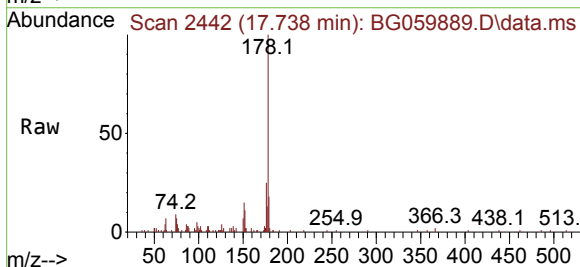
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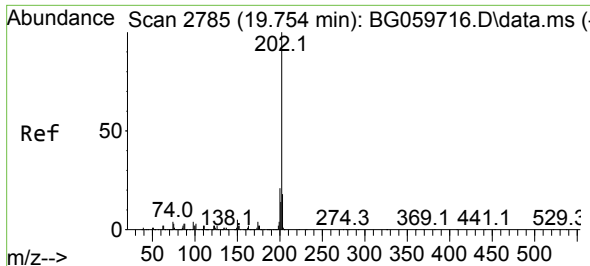
Tgt Ion:248 Resp: 7028
Ion Ratio Lower Upper
248 100
250 107.4 75.2 112.8
141 530.7 91.5 137.3#



#71
Phenanthrene
Concen: 3.892 ng
RT: 17.738 min Scan# 2442
Delta R.T. -0.013 min
Lab File: BG059889.D
Acq: 25 Nov 2023 13:17

Tgt Ion:178 Resp: 38481
Ion Ratio Lower Upper
178 100
176 25.0 14.5 21.7#
179 17.7 11.2 16.8#

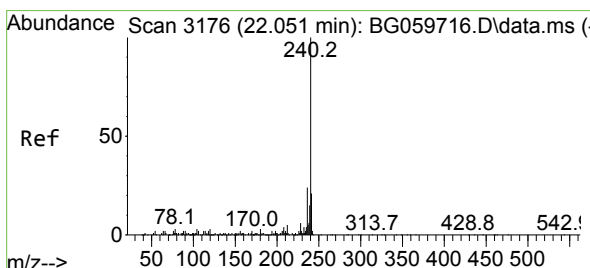
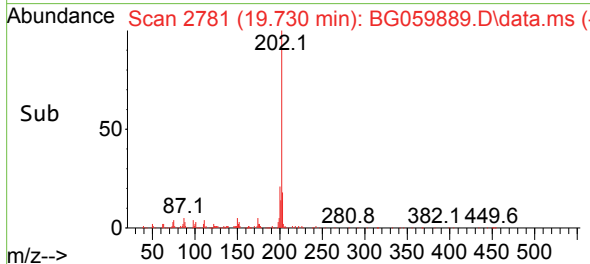
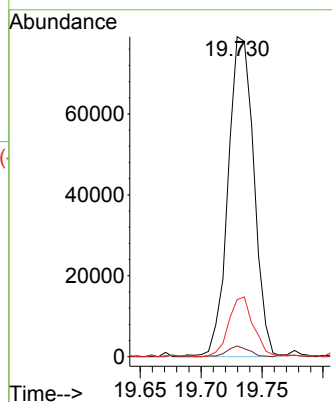
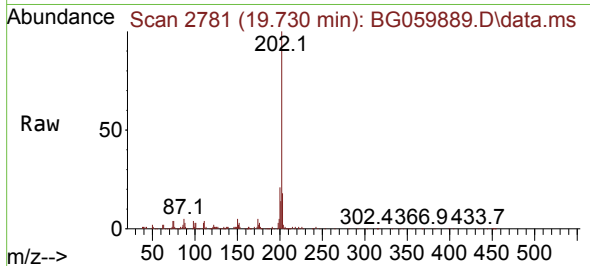




#75
Fluoranthene
Concen: 9.863 ng
RT: 19.730 min Scan# 21
Delta R.T. -0.013 min
Lab File: BG059889.D
Acq: 25 Nov 2023 13:17

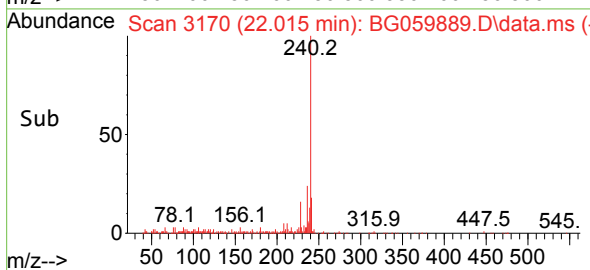
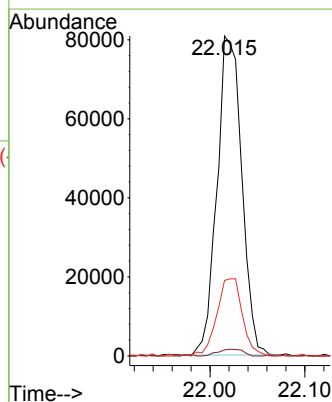
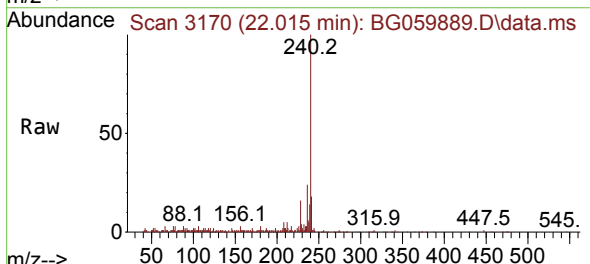
Instrument :
BNA_G
ClientSampleId :
710-BROOKLYN-AVE

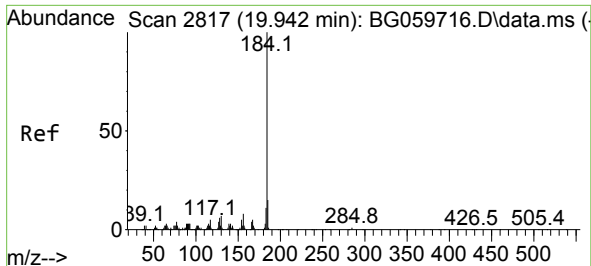
Tgt Ion:202 Resp: 116959
Ion Ratio Lower Upper
202 100
101 3.3 0.0 22.7
203 17.8 0.0 38.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.015 min Scan# 3170
Delta R.T. -0.019 min
Lab File: BG059889.D
Acq: 25 Nov 2023 13:17

Tgt Ion:240 Resp: 146374
Ion Ratio Lower Upper
240 100
120 1.9 2.2 3.2#
236 23.6 19.4 29.2

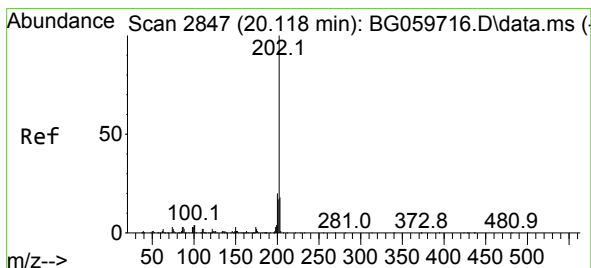
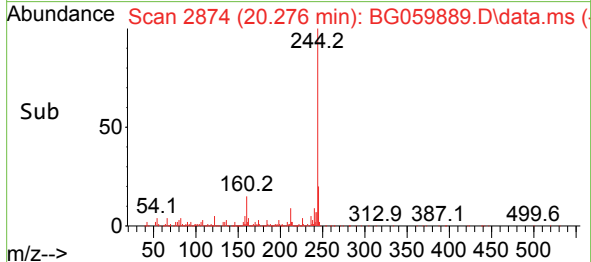
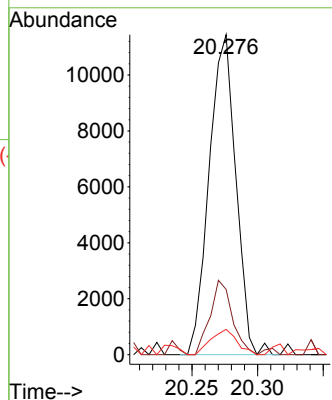
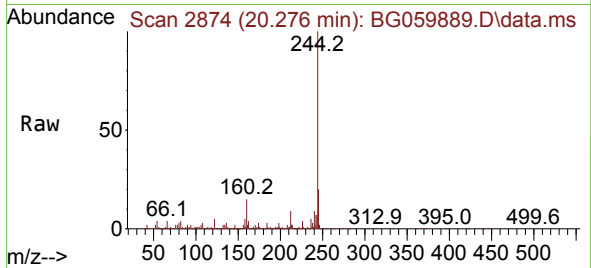




#77
Benzidine
Concen: 4.877 ng
RT: 20.276 min Scan# 21
Delta R.T. 0.346 min
Lab File: BG059889.D
Acq: 25 Nov 2023 13:17

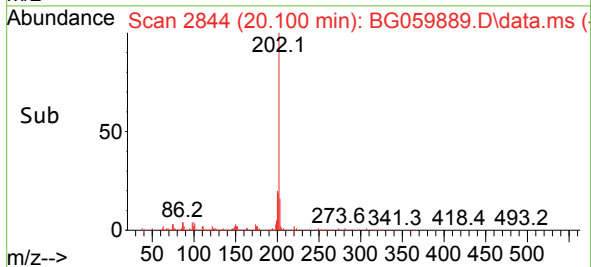
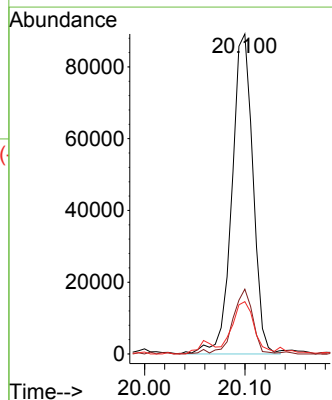
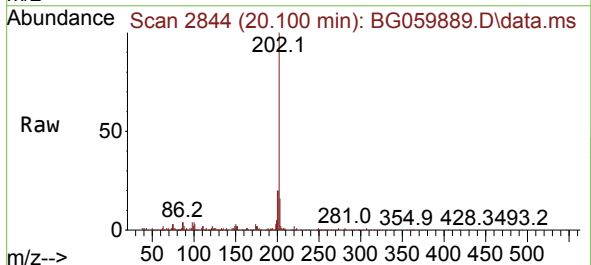
Instrument :
BNA_G
ClientSampleId :
710-BROOKLYN-AVE

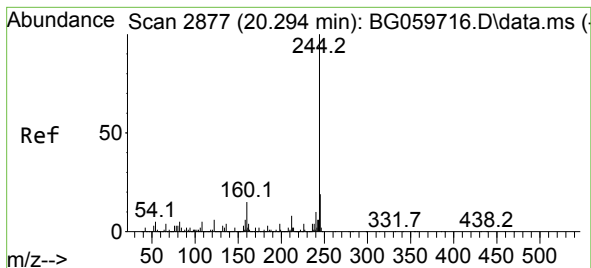
Tgt Ion:184 Resp: 16186
Ion Ratio Lower Upper
184 100
185 20.4 12.2 18.2#
183 7.9 8.8 13.2#



#78
Pyrene
Concen: 13.045 ng
RT: 20.100 min Scan# 2844
Delta R.T. -0.007 min
Lab File: BG059889.D
Acq: 25 Nov 2023 13:17

Tgt Ion:202 Resp: 129917
Ion Ratio Lower Upper
202 100
200 20.2 16.2 24.4
203 16.3 14.0 21.0





#79

Terphenyl-d14

Concen: 52.735 ng

RT: 20.276 min Scan# 21

Delta R.T. -0.007 min

Lab File: BG059889.D

Acq: 25 Nov 2023 13:17

Instrument :

BNA_G

ClientSampleId :

710-BROOKLYN-AVE

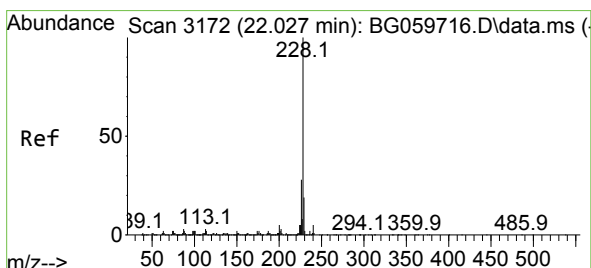
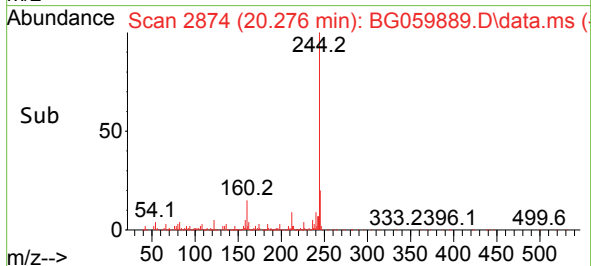
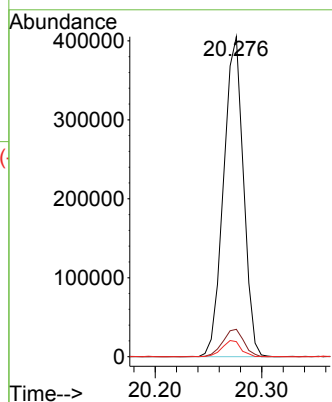
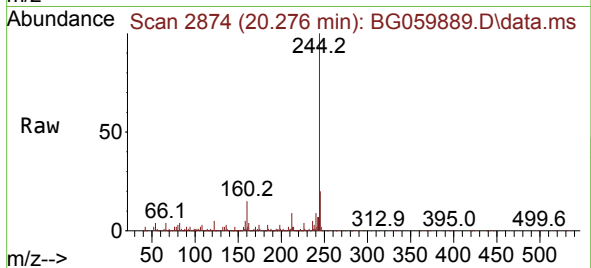
Tgt Ion:244 Resp: 522883

Ion Ratio Lower Upper

244 100

212 8.5 6.6 10.0

122 4.7 4.4 6.6



#81

Benzo(a)anthracene

Concen: 6.320 ng

RT: 21.998 min Scan# 3167

Delta R.T. -0.013 min

Lab File: BG059889.D

Acq: 25 Nov 2023 13:17

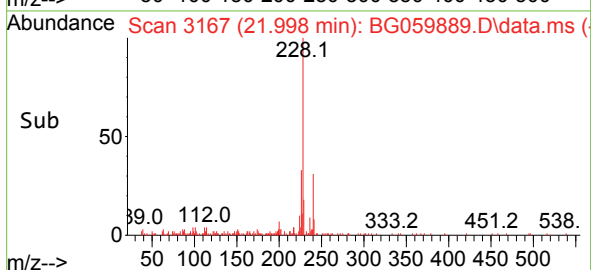
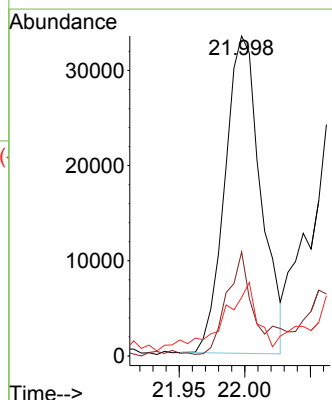
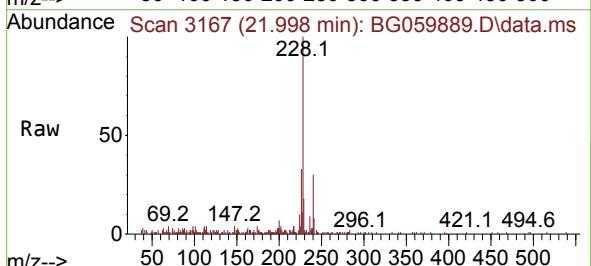
Tgt Ion:228 Resp: 63296

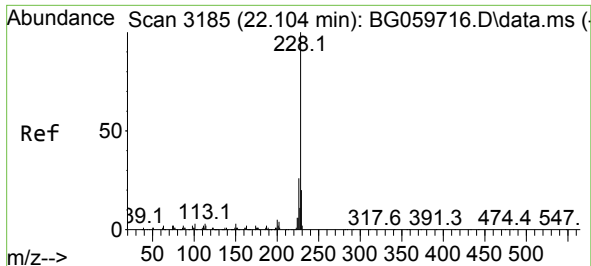
Ion Ratio Lower Upper

228 100

226 32.6 22.1 33.1

229 18.3 14.9 22.3

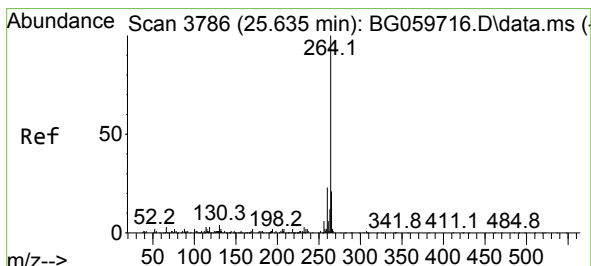
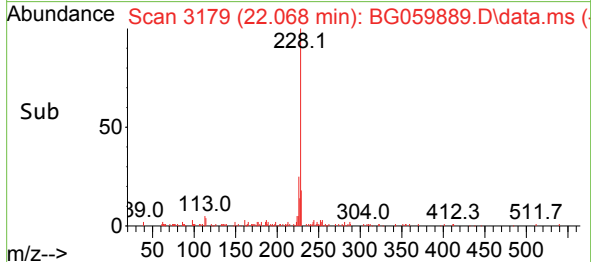
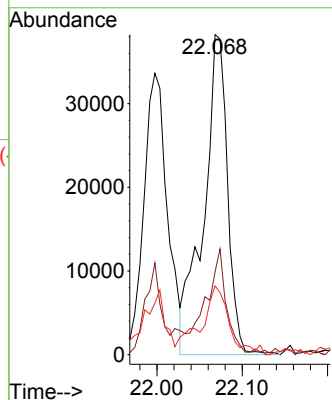
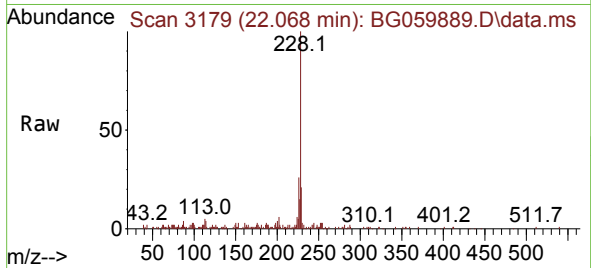




#83
Chrysene
Concen: 8.137 ng
RT: 22.068 min Scan# 3185
Delta R.T. -0.019 min
Lab File: BG059889.D
Acq: 25 Nov 2023 13:17

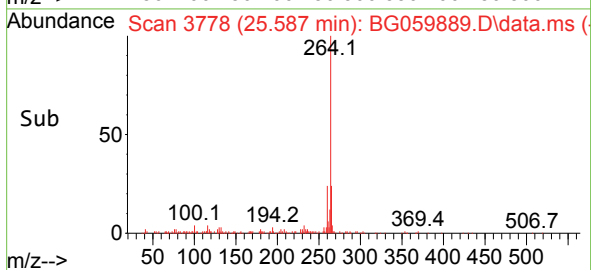
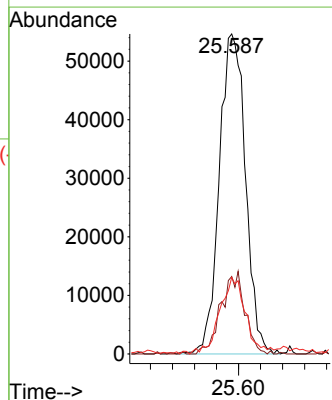
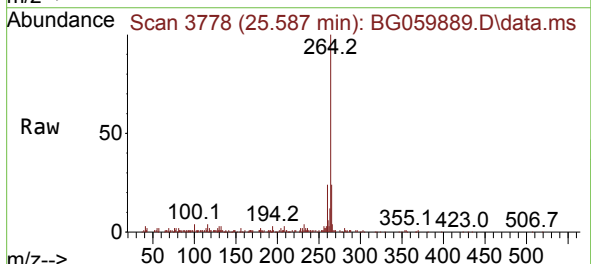
Instrument :
BNA_G
ClientSampleId :
710-BROOKLYN-AVE

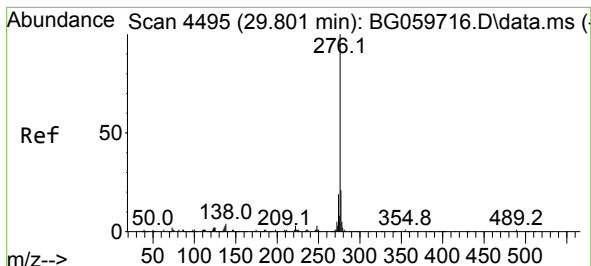
Tgt Ion:228	Resp:	74704
Ion Ratio	Lower	Upper
228	100	
226	25.9	21.1 31.7
229	21.5	16.2 24.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.587 min Scan# 3778
Delta R.T. -0.025 min
Lab File: BG059889.D
Acq: 25 Nov 2023 13:17

Tgt Ion:264	Resp:	180598
Ion Ratio	Lower	Upper
264	100	
260	24.2	18.5 27.7
265	23.9	17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.947 ng

RT: 29.712 min Scan# 4495

Delta R.T. -0.048 min

Lab File: BG059889.D

Acq: 25 Nov 2023 13:17

Instrument :

BNA_G

ClientSampleId :

710-BROOKLYN-AVE

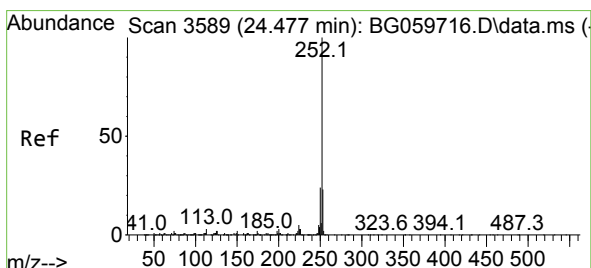
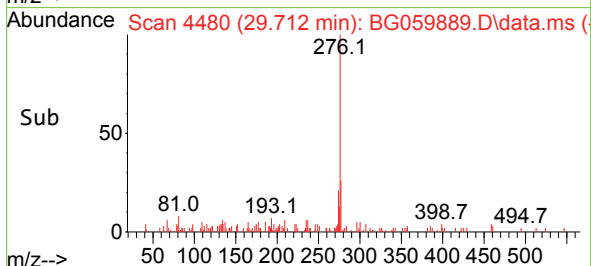
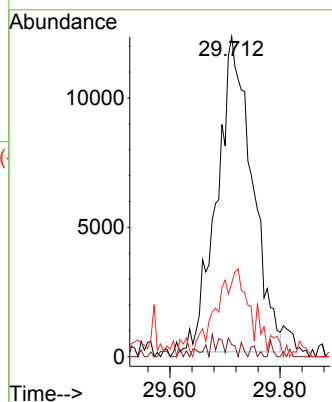
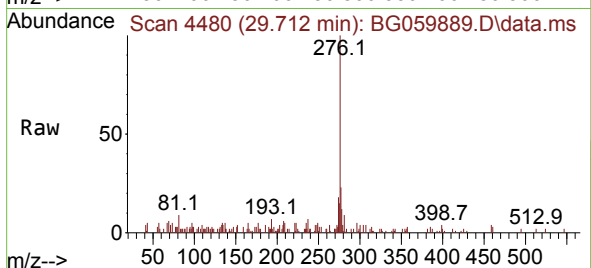
Tgt Ion:276 Resp: 53938

Ion Ratio Lower Upper

276 100

138 0.5 1.8 2.6#

277 9.5 9.8 14.6#



#88

Benzo(b)fluoranthene

Concen: 8.960 ng

RT: 24.436 min Scan# 3582

Delta R.T. -0.013 min

Lab File: BG059889.D

Acq: 25 Nov 2023 13:17

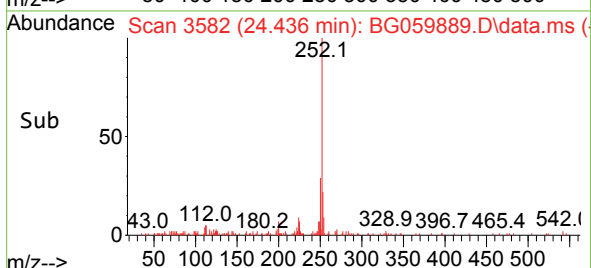
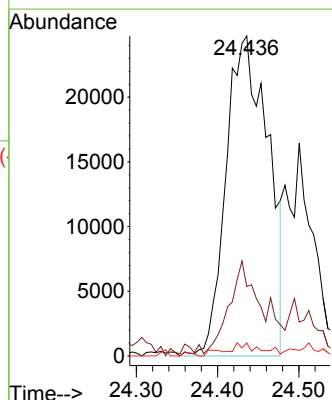
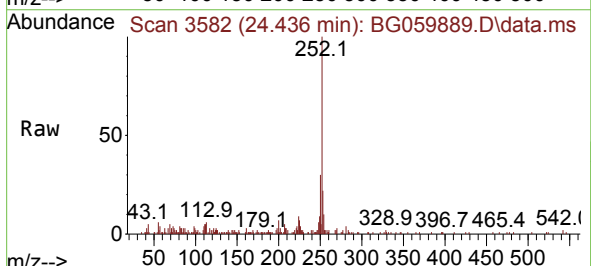
Tgt Ion:252 Resp: 88689

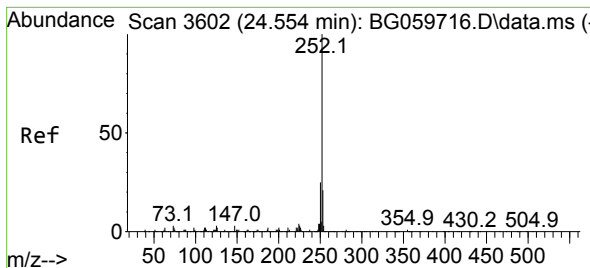
Ion Ratio Lower Upper

252 100

253 21.7 18.3 27.5

125 4.0 1.4 2.0#





#89

Benzo(k)fluoranthene

Concen: 9.063 ng

RT: 24.436 min Scan# 31

Delta R.T. -0.095 min

Lab File: BG059889.D

Acq: 25 Nov 2023 13:17

Instrument :

BNA_G

ClientSampleId :

710-BROOKLYN-AVE

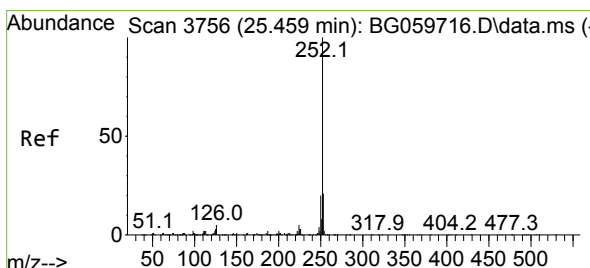
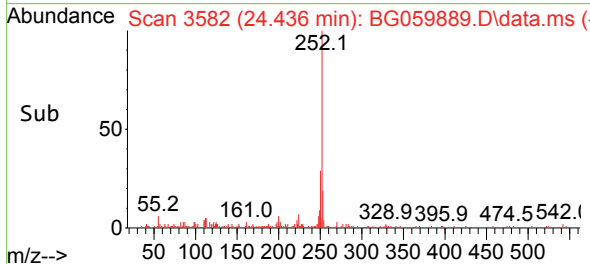
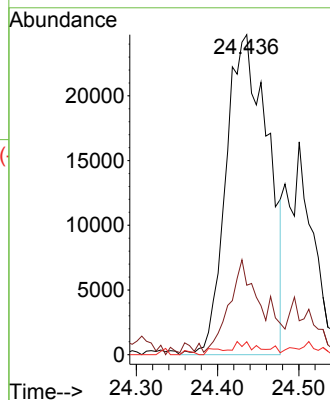
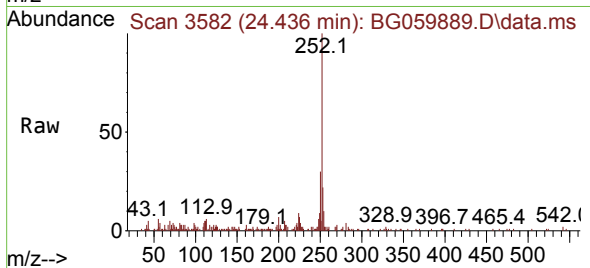
Tgt Ion:252 Resp: 88689

Ion Ratio Lower Upper

252 100

253 21.7 17.1 25.7

125 4.0 2.2 3.2#



#90

Benzo(a)pyrene

Concen: 7.002 ng

RT: 25.417 min Scan# 3749

Delta R.T. -0.025 min

Lab File: BG059889.D

Acq: 25 Nov 2023 13:17

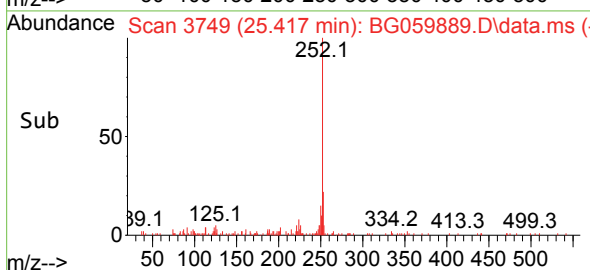
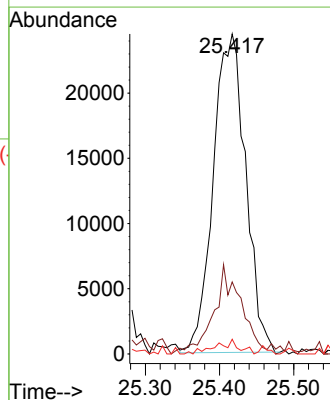
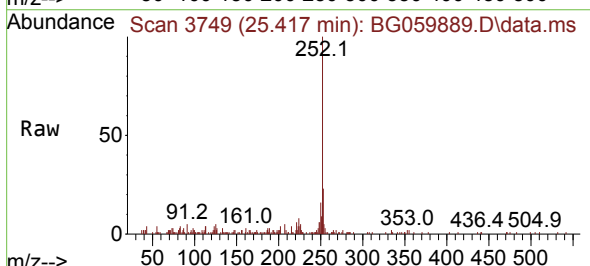
Tgt Ion:252 Resp: 73967

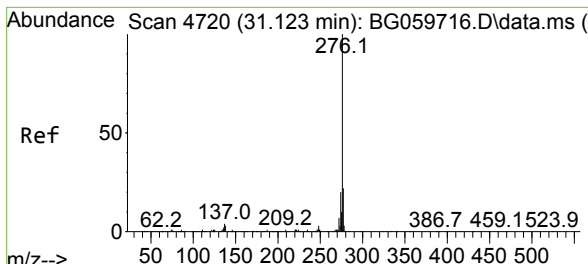
Ion Ratio Lower Upper

252 100

253 22.5 16.8 25.2

125 4.6 2.0 3.0#





#92
 Benzo(g,h,i)perylene
 Concen: 3.024 ng
 RT: 31.022 min Scan# 41
 Delta R.T. -0.072 min
 Lab File: BG059889.D
 Acq: 25 Nov 2023 13:17

Instrument :
 BNA_G
 ClientSampleId :
 710-BROOKLYN-AVE

Tgt Ion: 276 Resp: 33173

Ion	Ratio	Lower	Upper
276	100		
277	19.1	17.3	25.9
138	2.8	2.6	4.0

