

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111723\
 Data File : BG059759.D
 Acq On : 18 Nov 2023 11:11
 Operator : MA/JU
 Sample : 05384-05 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 20 04:41:27 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)

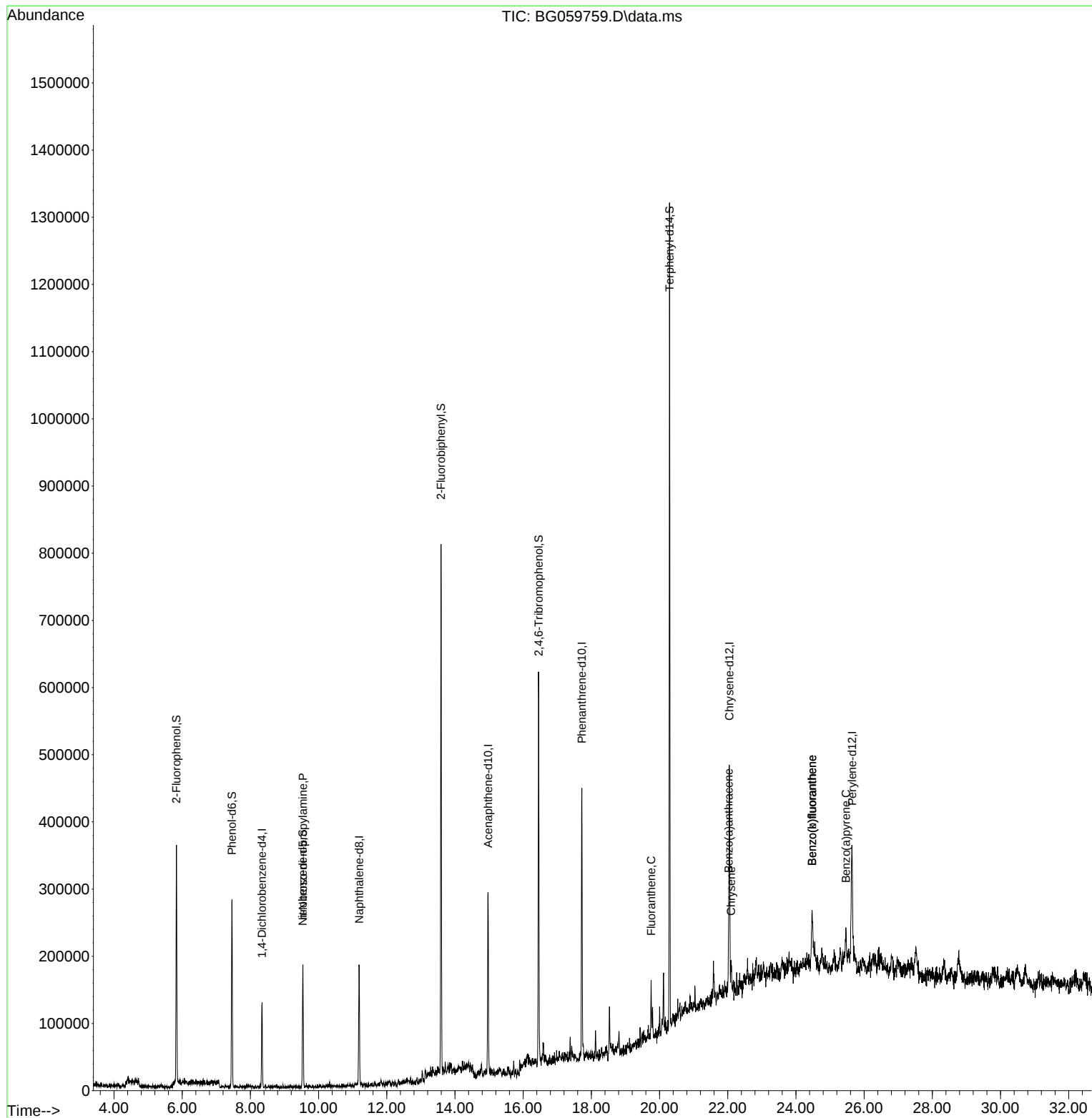
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.343	152	25463	20.000	ng	0.00
21) Naphthalene-d8	11.193	136	124523	20.000	ng	# 0.00
39) Acenaphthene-d10	14.971	164	82839	20.000	ng	# 0.00
64) Phenanthrene-d10	17.721	188	218916	20.000	ng	0.00
76) Chrysene-d12	22.045	240	194162	20.000	ng	# 0.00
86) Perylene-d12	25.647	264	225099	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.829	112	120546	79.682	ng	0.00
7) Phenol-d6	7.462	99	118599	52.902	ng	0.00
23) Nitrobenzene-d5	9.536	82	105217	32.271	ng	0.00
42) 2,4,6-Tribromophenol	16.457	330	73677	78.387	ng	0.00
45) 2-Fluorobiphenyl	13.590	172	315300	51.233	ng	0.00
79) Terphenyl-d14	20.294	244	474876	36.106	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.542	70	18744	10.617	ng	# 76
75) Fluoranthene	19.754	202	42868	3.212	ng	70
81) Benzo(a)anthracene	22.027	228	36134	2.720	ng	# 91
83) Chrysene	22.098	228	26832	2.203	ng	# 83
88) Benzo(b)fluoranthene	24.472	252	56913	4.613	ng	# 97
89) Benzo(k)fluoranthene	24.472	252	56913	4.666	ng	94
90) Benzo(a)pyrene	25.465	252	41531	3.154	ng	# 95

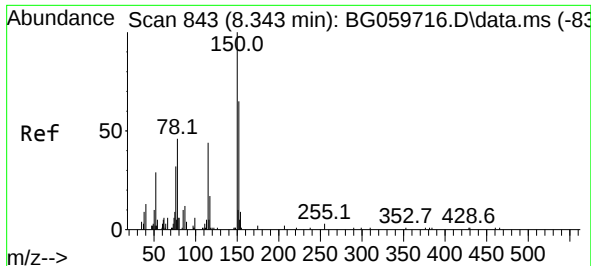
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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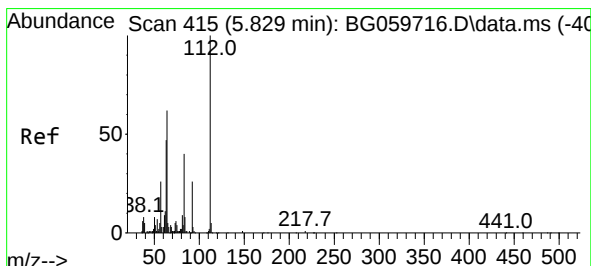
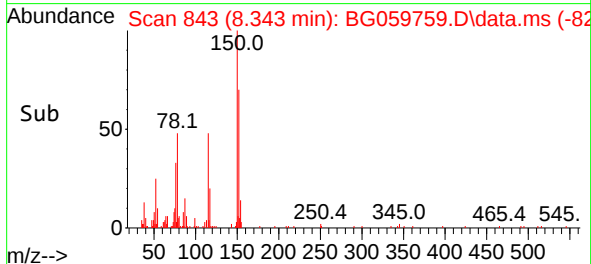
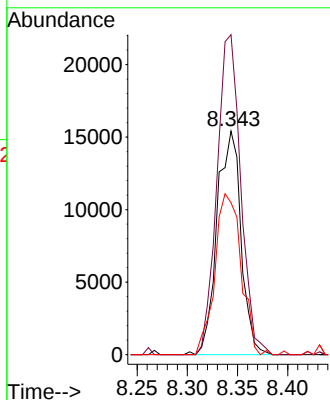
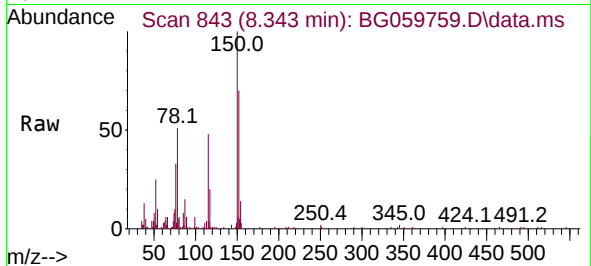




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.343 min Scan# 843
Delta R.T. 0.000 min
Lab File: BG059759.D
Acq: 18 Nov 2023 11:11

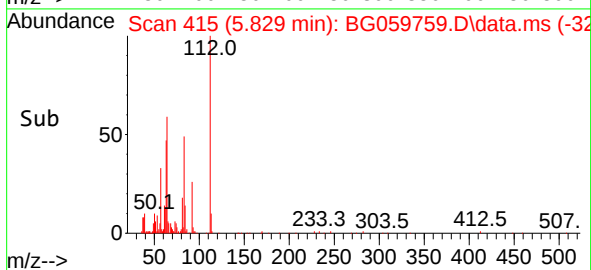
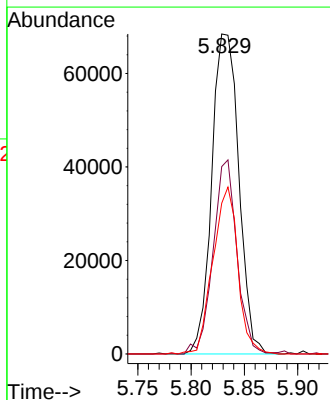
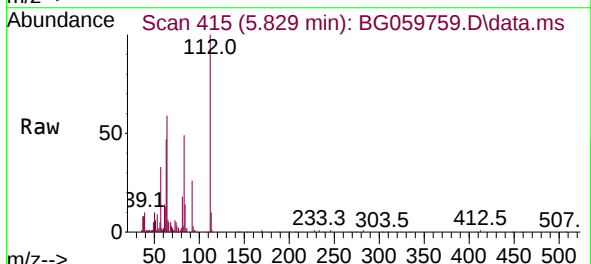
Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 25463
Ion Ratio Lower Upper
152 100
150 143.1 122.2 183.4
115 68.0 54.2 81.4



#5
2-Fluorophenol
Concen: 79.682 ng
RT: 5.829 min Scan# 415
Delta R.T. 0.000 min
Lab File: BG059759.D
Acq: 18 Nov 2023 11:11

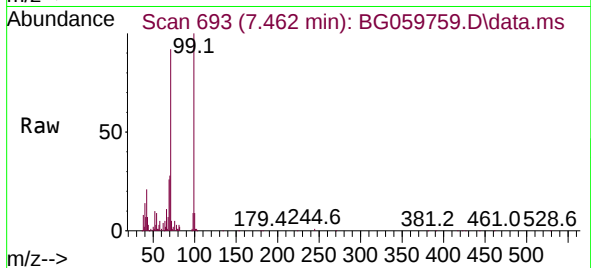
Tgt Ion:112 Resp: 120546
Ion Ratio Lower Upper
112 100
64 58.5 49.5 74.3
63 47.1 37.4 56.2



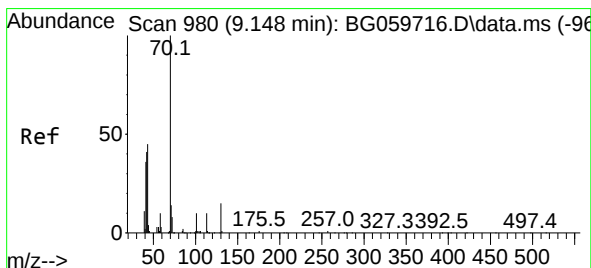
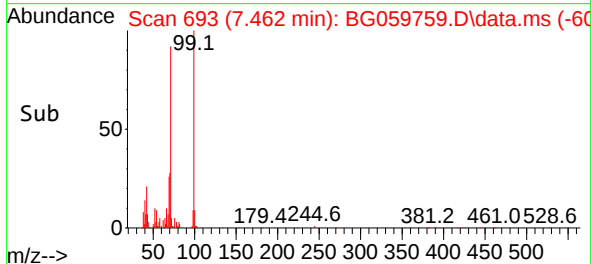
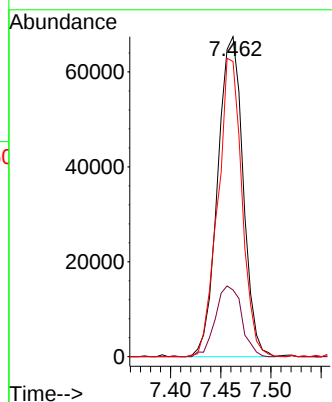


#7
Phenol-d6
Concen: 52.902 ng
RT: 7.462 min Scan# 61
Delta R.T. 0.006 min
Lab File: BG059759.D
Acq: 18 Nov 2023 11:11

Instrument :
BNA_G
ClientSampleId :

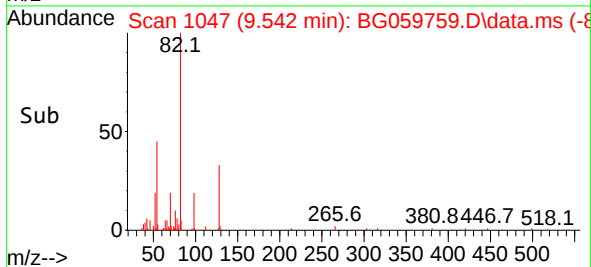
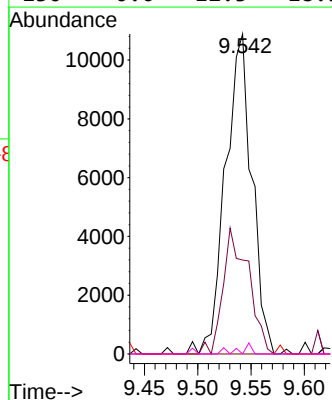
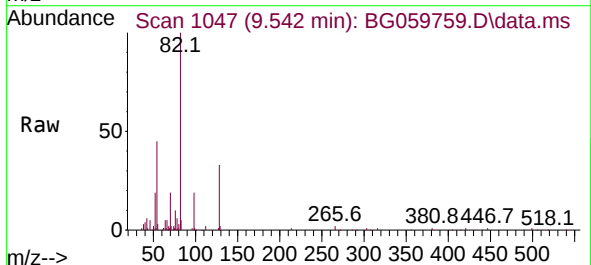


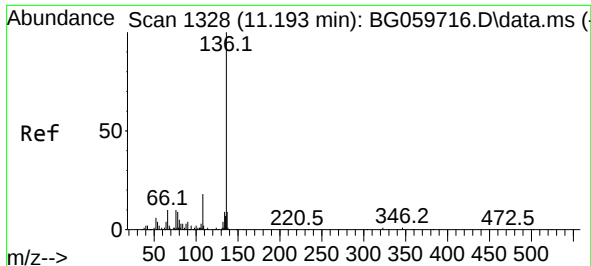
Tgt Ion: 99 Resp: 118599
Ion Ratio Lower Upper
99 100
42 20.9 14.3 21.5
71 92.3 59.3 88.9#



#19
n-Nitroso-di-n-propylamine
Concen: 10.617 ng
RT: 9.542 min Scan# 1047
Delta R.T. 0.394 min
Lab File: BG059759.D
Acq: 18 Nov 2023 11:11

Tgt Ion: 70 Resp: 18744
Ion Ratio Lower Upper
70 100
42 29.4 32.8 49.2#
101 0.0 7.7 11.5#
130 0.0 12.3 18.5#

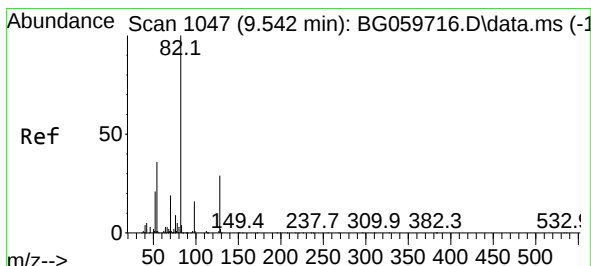
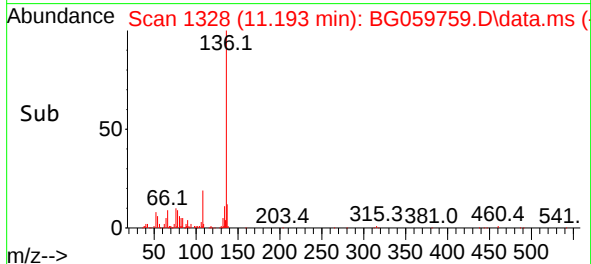
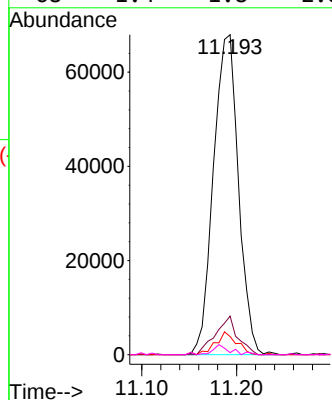
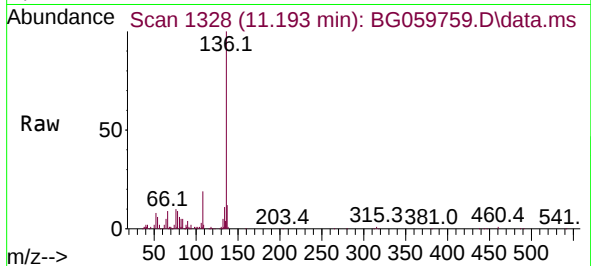




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.193 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG059759.D
Acq: 18 Nov 2023 11:11

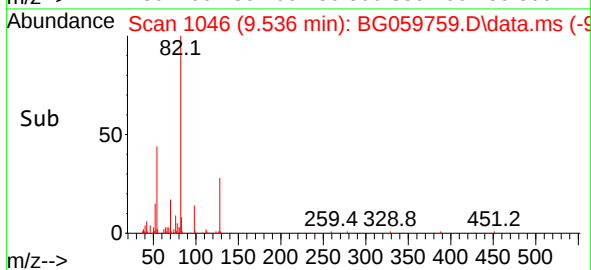
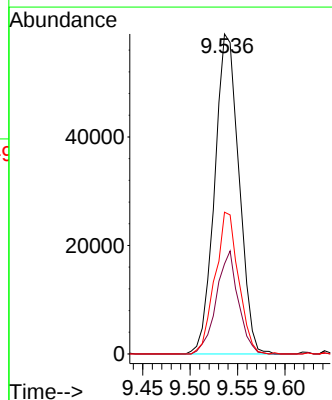
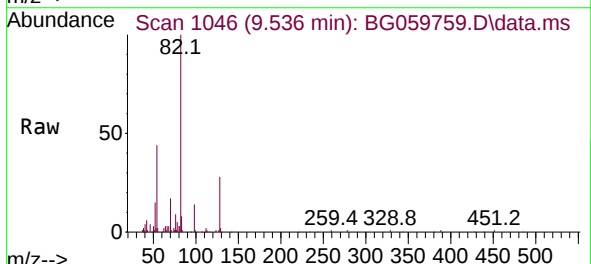
Instrument :
BNA_G
ClientSampleId :

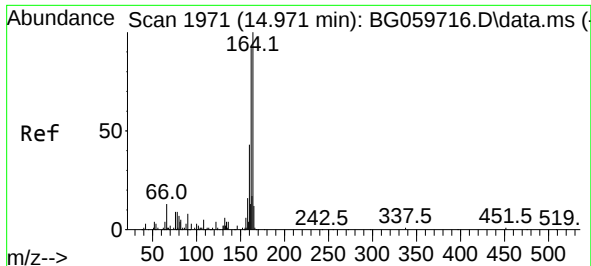
Tgt Ion:136 Resp: 124523
Ion Ratio Lower Upper
136 100
137 12.1 7.4 11.0#
54 5.7 3.1 4.7#
68 1.4 1.8 2.8#



#23
Nitrobenzene-d5
Concen: 32.271 ng
RT: 9.536 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BG059759.D
Acq: 18 Nov 2023 11:11

Tgt Ion: 82 Resp: 105217
Ion Ratio Lower Upper
82 100
128 28.2 23.0 34.6
54 44.3 28.7 43.1#

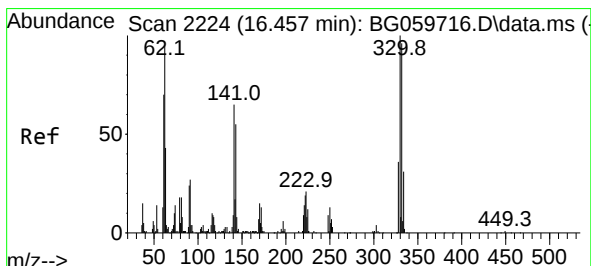
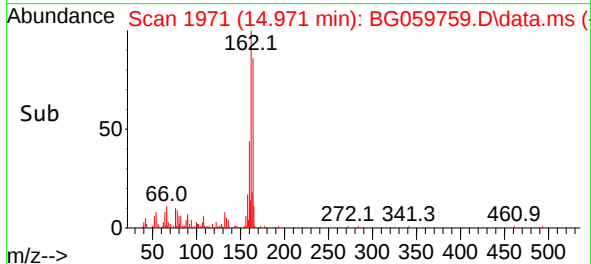
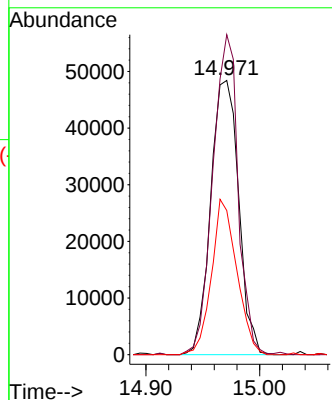
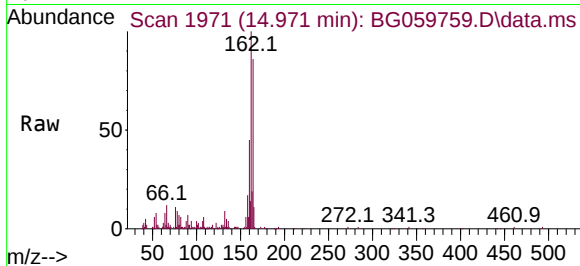




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.971 min Scan# 1971
Delta R.T. 0.000 min
Lab File: BG059759.D
Acq: 18 Nov 2023 11:11

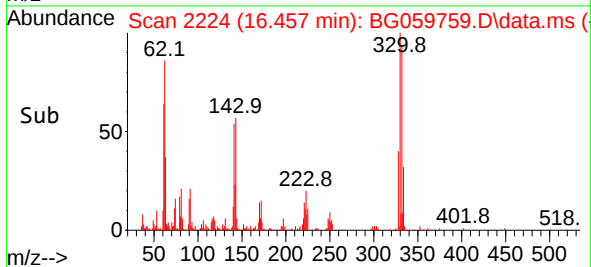
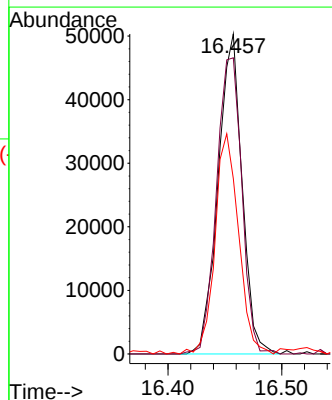
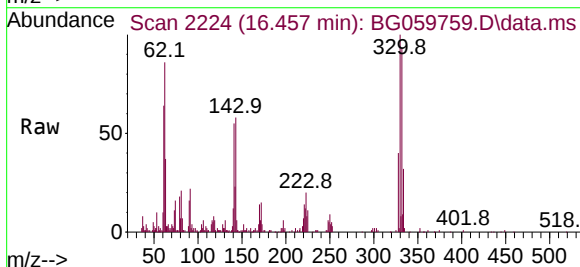
Instrument :
BNA_G
ClientSampleId :

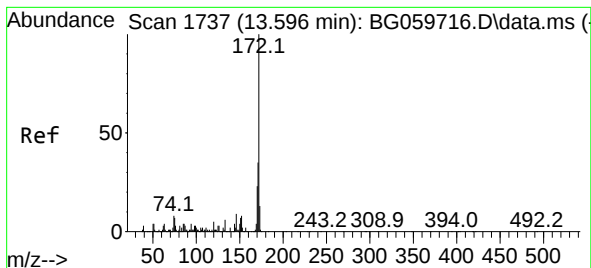
Tgt Ion:164 Resp: 82839
Ion Ratio Lower Upper
164 100
162 116.7 73.3 109.9#
160 52.5 34.1 51.1#



#42
2,4,6-Tribromophenol
Concen: 78.387 ng
RT: 16.457 min Scan# 2224
Delta R.T. 0.000 min
Lab File: BG059759.D
Acq: 18 Nov 2023 11:11

Tgt Ion:330 Resp: 73677
Ion Ratio Lower Upper
330 100
332 97.9 73.3 109.9
141 67.8 52.1 78.1





#45

2-Fluorobiphenyl

Concen: 51.233 ng

RT: 13.590 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG059759.D

Acq: 18 Nov 2023 11:11

Instrument :

BNA_G

ClientSampleId :

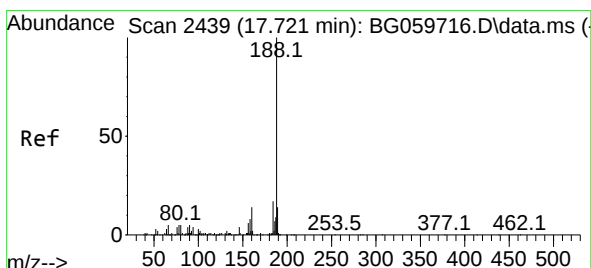
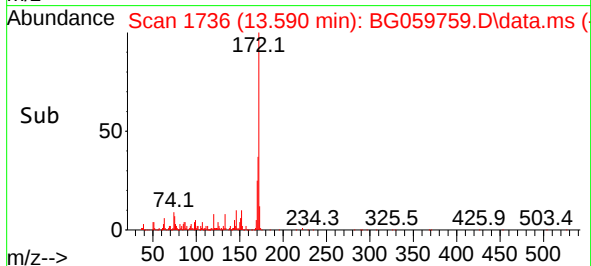
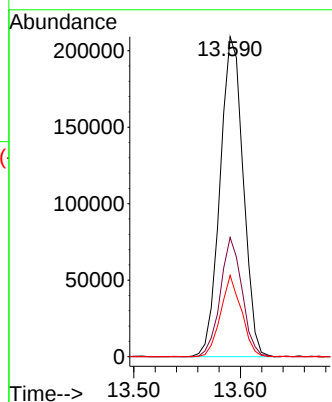
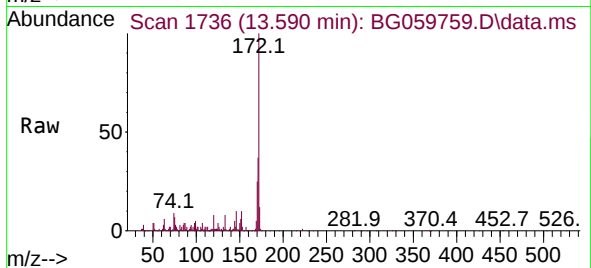
Tgt Ion:172 Resp: 315300

Ion Ratio Lower Upper

172 100

171 37.2 27.7 41.5

170 25.4 18.4 27.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.721 min Scan# 2439

Delta R.T. 0.000 min

Lab File: BG059759.D

Acq: 18 Nov 2023 11:11

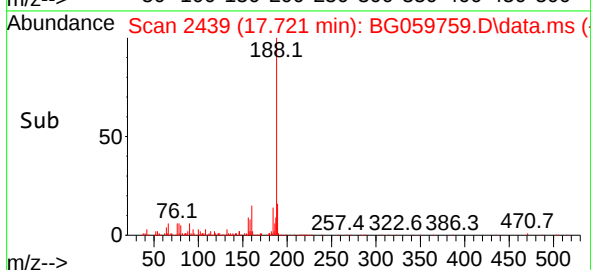
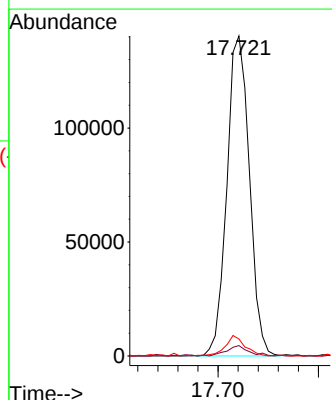
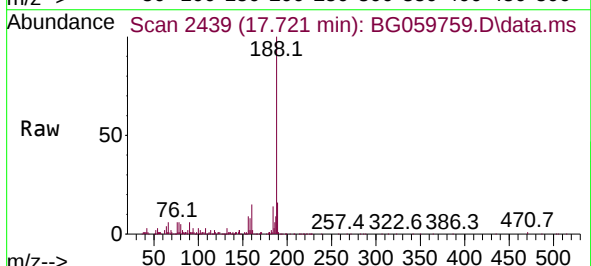
Tgt Ion:188 Resp: 218916

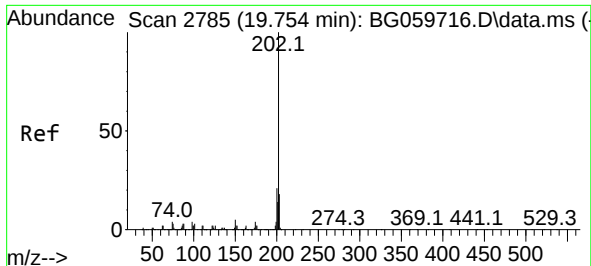
Ion Ratio Lower Upper

188 100

94 3.3 3.0 4.4

80 5.3 4.2 6.4

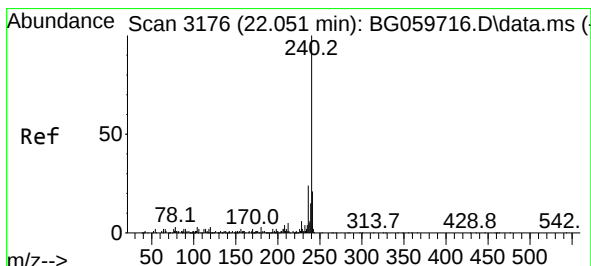
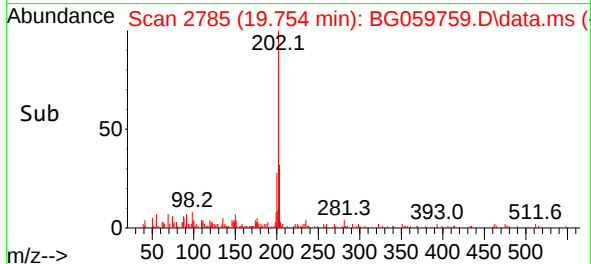
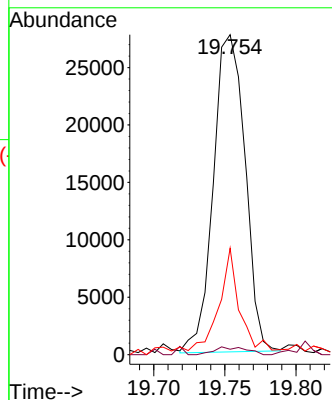
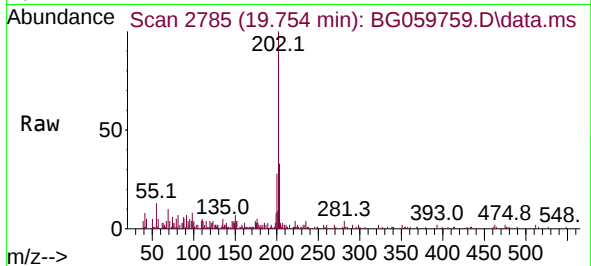




#75
Fluoranthene
Concen: 3.212 ng
RT: 19.754 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG059759.D
Acq: 18 Nov 2023 11:11

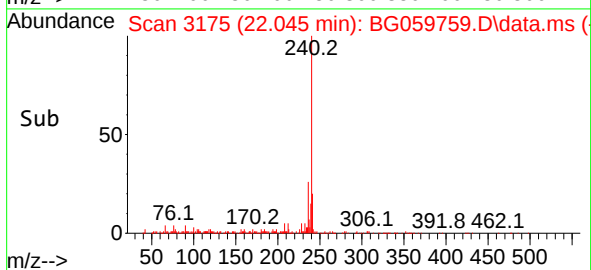
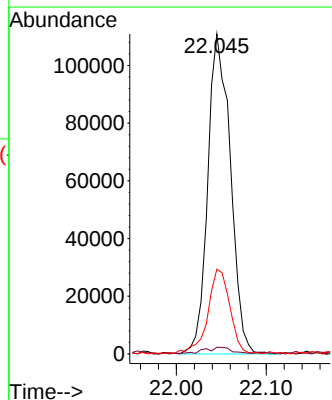
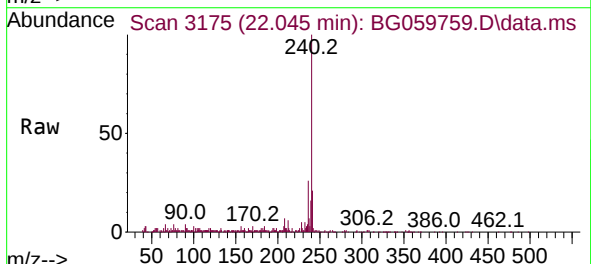
Instrument :
BNA_G
ClientSampleId :

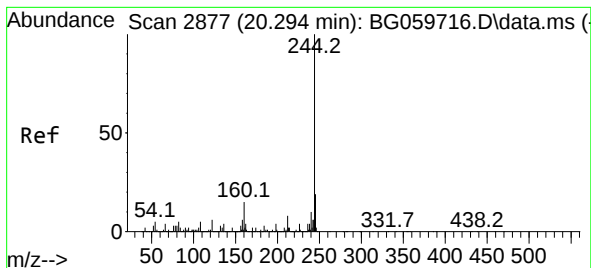
Tgt Ion:202 Resp: 42868
Ion Ratio Lower Upper
202 100
101 1.7 0.0 22.7
203 33.2 0.0 38.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.045 min Scan# 3175
Delta R.T. -0.006 min
Lab File: BG059759.D
Acq: 18 Nov 2023 11:11

Tgt Ion:240 Resp: 194162
Ion Ratio Lower Upper
240 100
120 2.1 2.2 3.2#
236 26.5 19.4 29.2





#79

Terphenyl-d14

Concen: 36.106 ng

RT: 20.294 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG059759.D

Acq: 18 Nov 2023 11:11

Instrument :

BNA_G

ClientSampleId :

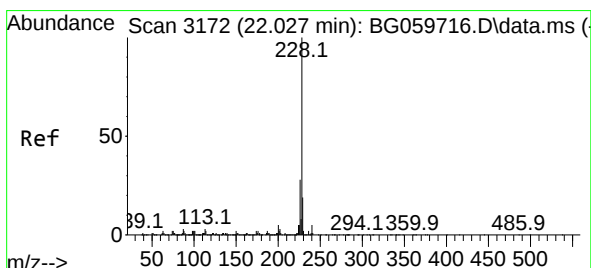
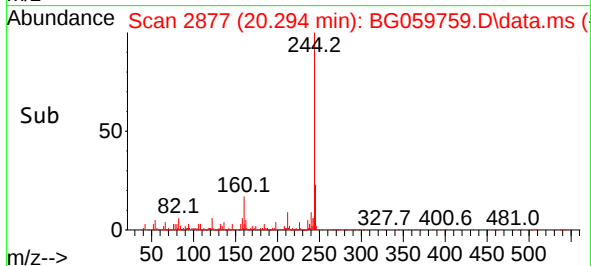
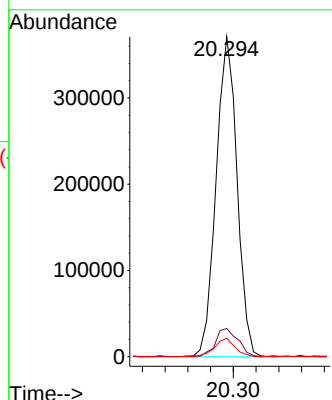
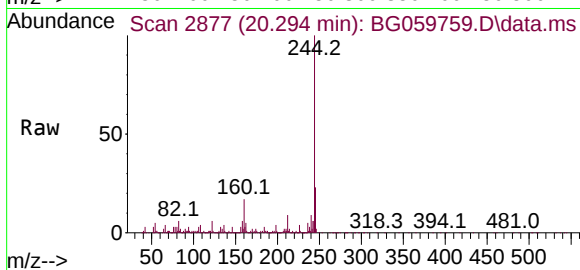
Tgt Ion:244 Resp: 474876

Ion Ratio Lower Upper

244 100

212 8.8 6.6 10.0

122 5.8 4.4 6.6



#81

Benzo(a)anthracene

Concen: 2.720 ng

RT: 22.027 min Scan# 3172

Delta R.T. 0.000 min

Lab File: BG059759.D

Acq: 18 Nov 2023 11:11

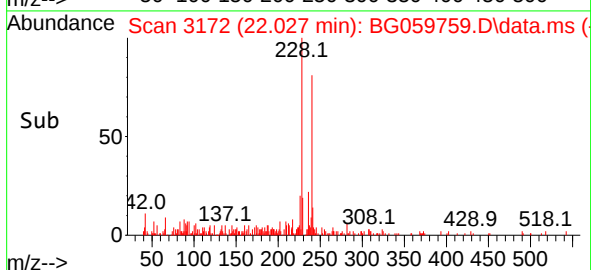
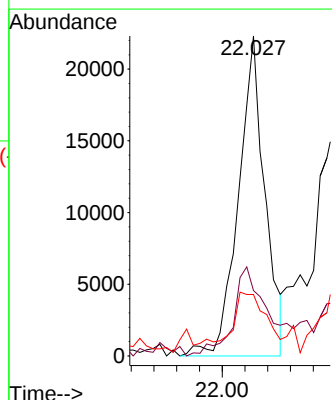
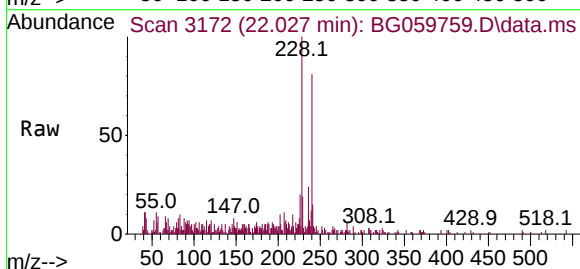
Tgt Ion:228 Resp: 36134

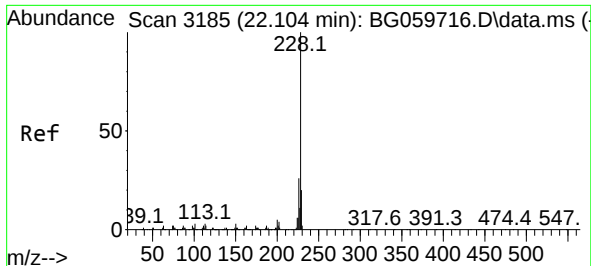
Ion Ratio Lower Upper

228 100

226 20.4 22.1 33.1#

229 19.2 14.9 22.3

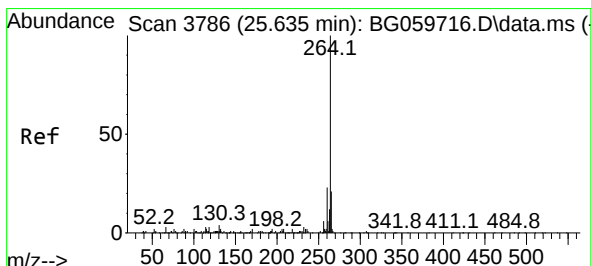
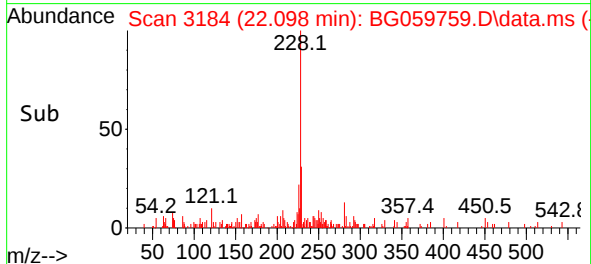
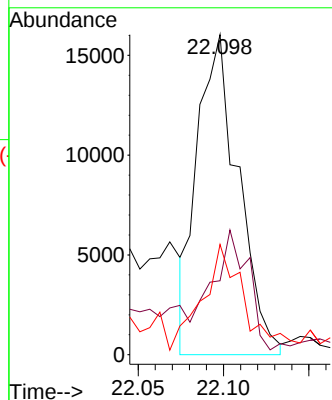
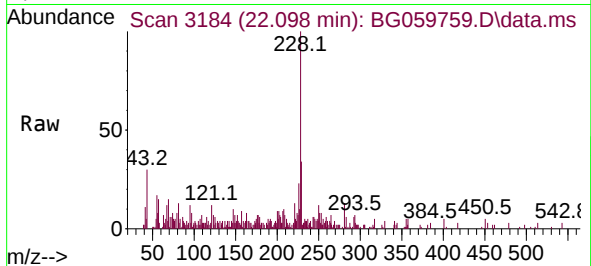




#83
Chrysene
Concen: 2.203 ng
RT: 22.098 min Scan# 3184
Delta R.T. -0.006 min
Lab File: BG059759.D
Acq: 18 Nov 2023 11:11

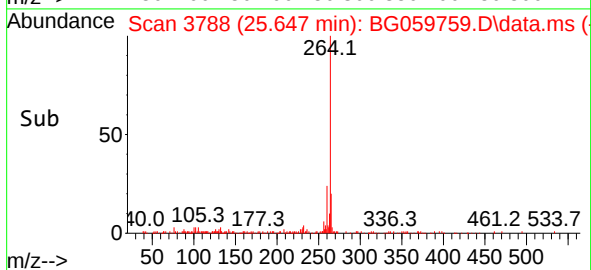
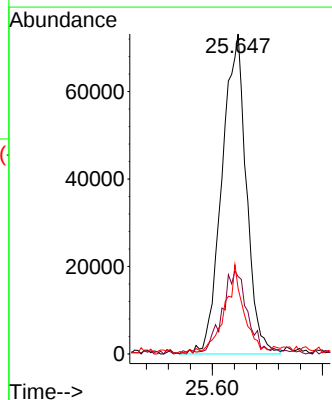
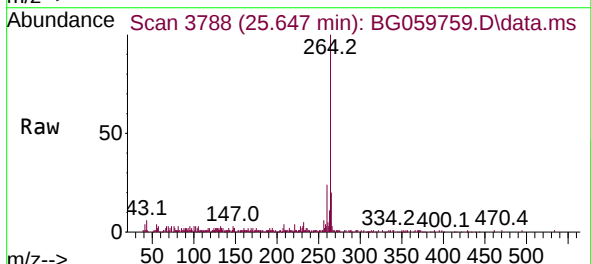
Instrument :
BNA_G
ClientSampleId :

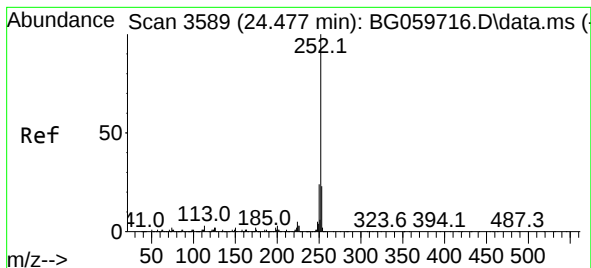
Tgt Ion:228 Resp: 26832
Ion Ratio Lower Upper
228 100
226 23.1 21.1 31.7
229 34.4 16.2 24.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.647 min Scan# 3788
Delta R.T. 0.012 min
Lab File: BG059759.D
Acq: 18 Nov 2023 11:11

Tgt Ion:264 Resp: 225099
Ion Ratio Lower Upper
264 100
260 24.2 18.5 27.7
265 20.4 17.0 25.6





#88

Benzo(b)fluoranthene

Concen: 4.613 ng

RT: 24.472 min Scan# 3589

Delta R.T. -0.006 min

Lab File: BG059759.D

Acq: 18 Nov 2023 11:11

Instrument :

BNA_G

ClientSampleId :

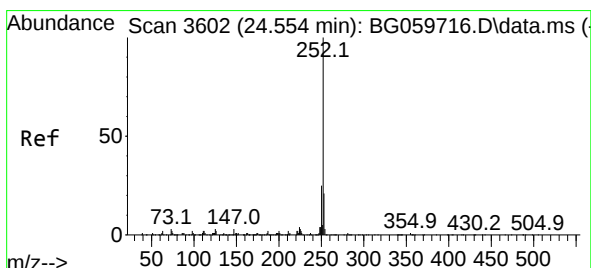
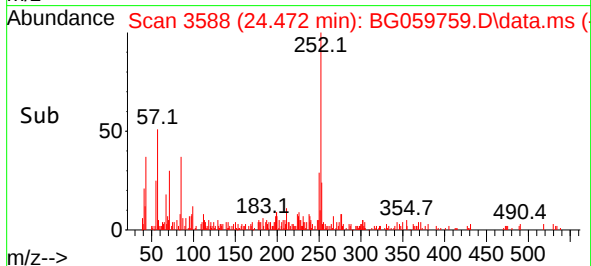
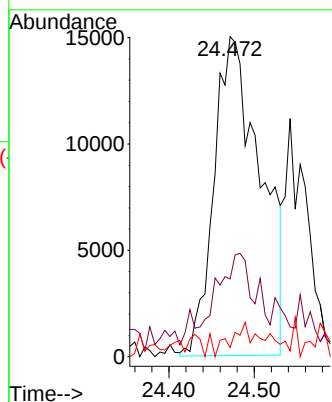
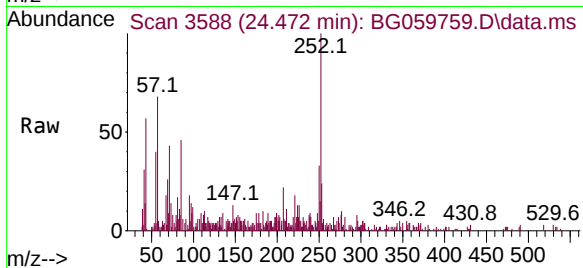
Tgt Ion:252 Resp: 56913

Ion Ratio Lower Upper

252 100

253 24.3 18.3 27.5

125 2.8 1.4 2.0#



#89

Benzo(k)fluoranthene

Concen: 4.666 ng

RT: 24.472 min Scan# 3588

Delta R.T. -0.082 min

Lab File: BG059759.D

Acq: 18 Nov 2023 11:11

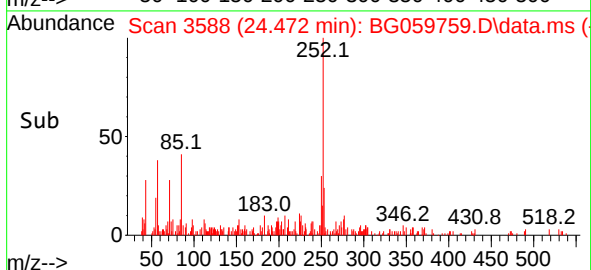
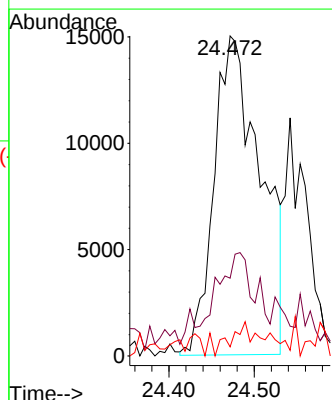
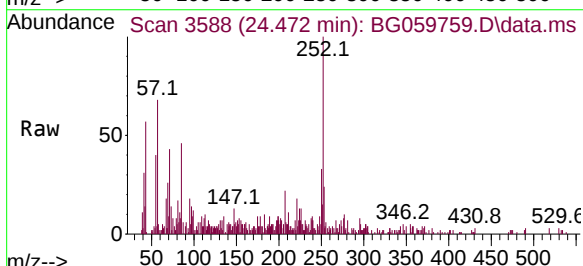
Tgt Ion:252 Resp: 56913

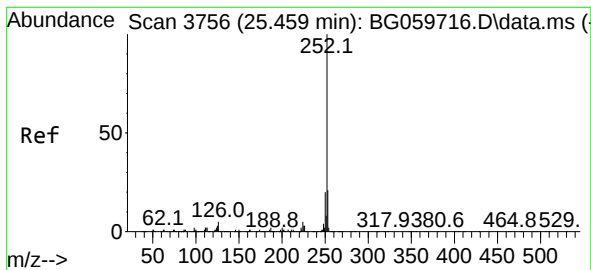
Ion Ratio Lower Upper

252 100

253 24.3 17.1 25.7

125 2.8 2.2 3.2





#90

Benzo(a)pyrene

Concen: 3.154 ng

RT: 25.465 min Scan# 31

Delta R.T. 0.006 min

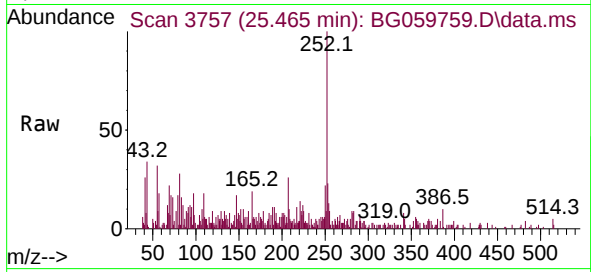
Lab File: BG059759.D

Acq: 18 Nov 2023 11:11

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:	252	Resp:	41531
Ion	Ratio	Lower	Upper
252	100		
253	22.9	16.8	25.2
125	6.5	2.0	3.0

