

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062223\
 Data File : BG057807.D
 Acq On : 22 Jun 2023 13:03
 Operator : CG/JU
 Sample : 03290-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-1

Quant Time: Jun 22 14:37:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 03:40:38 2023
 Response via : Initial Calibration

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

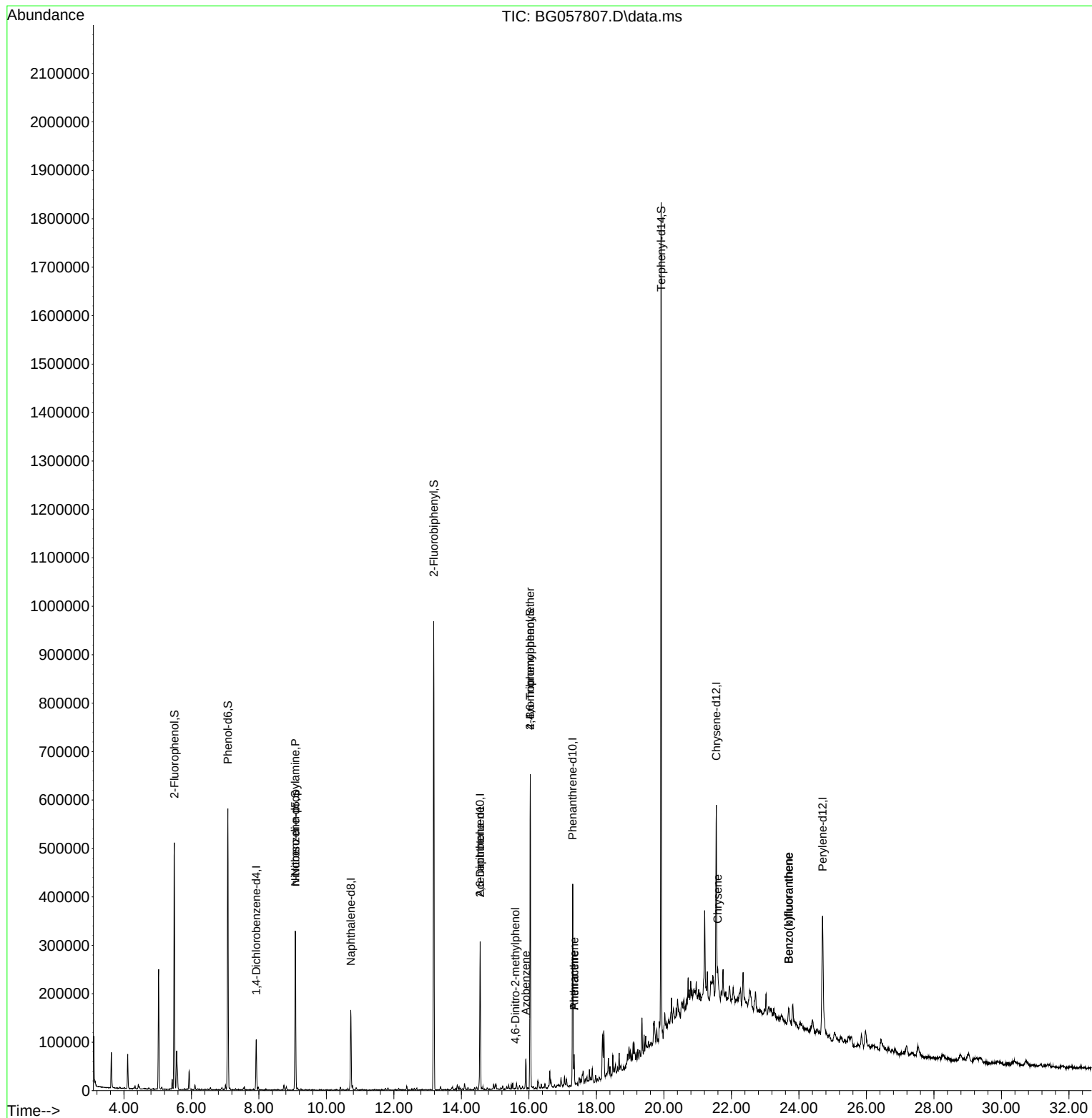
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.919	152	28152	20.000	ng	0.00
21) Naphthalene-d8	10.722	136	135555	20.000	ng	0.00
39) Acenaphthene-d10	14.553	164	105228	20.000	ng	0.00
64) Phenanthrene-d10	17.297	188	258165	20.000	ng	0.00
76) Chrysene-d12	21.551	240	214237	20.000	ng	0.00
86) Perylene-d12	24.700	264	265449	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	210123	115.086	ng	0.00
7) Phenol-d6	7.079	99	330423	118.606	ng	0.00
23) Nitrobenzene-d5	9.077	82	198633	75.206	ng	-0.02
42) 2,4,6-Tribromophenol	16.039	330	129554	88.383	ng	0.00
45) 2-Fluorobiphenyl	13.178	172	512892	73.928	ng	0.00
79) Terphenyl-d14	19.917	244	881558	76.729	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.077	70	24000	12.357	ng	# 76
51) 2,6-Dinitrotoluene	14.553	165	15340	10.307	ng	# 21
63) Azobenzene	15.910	77	17771	2.095	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.599	198	59	5.356	ng	# 25
67) 4-Bromophenyl-phenylether	16.039	248	8447	3.085	ng	# 1
71) Phenanthrene	17.338	178	38009	3.041	ng	99
72) Anthracene	17.338	178	38009	2.978	ng	99
83) Chrysene	21.592	228	42148	2.988	ng	# 94
88) Benzo(b)fluoranthene	23.695	252	31203	2.145	ng	# 79
89) Benzo(k)fluoranthene	23.695	252	31203	2.106	ng	# 81

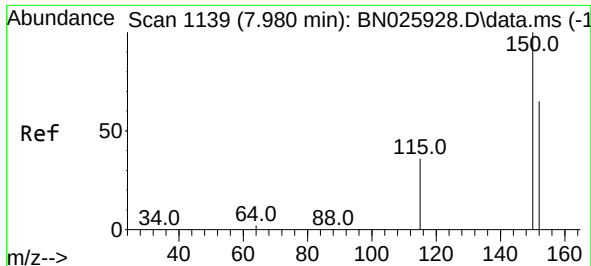
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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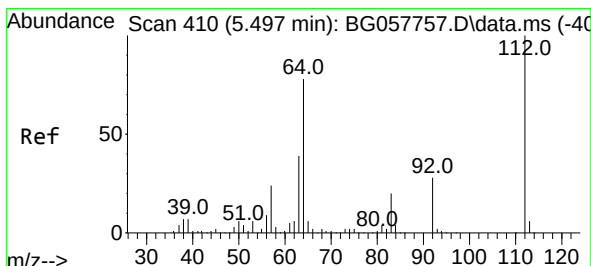
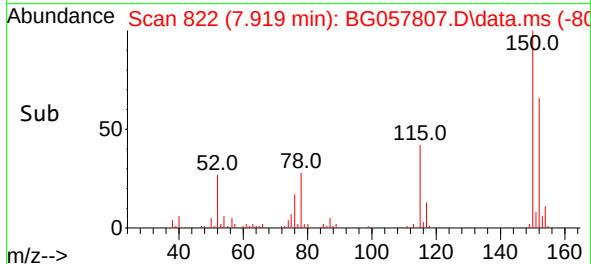
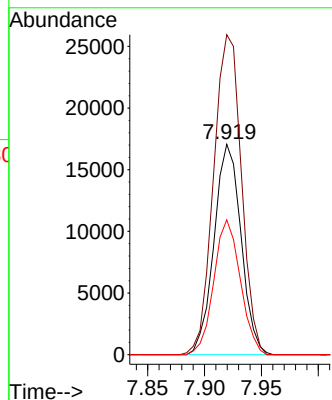
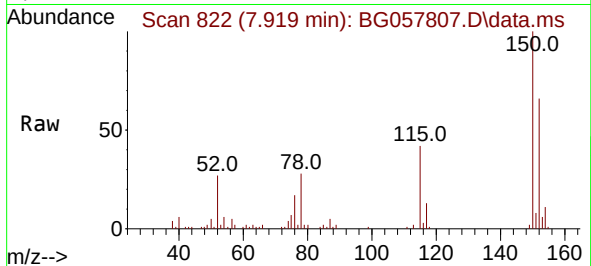




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.919 min Scan# 81
Delta R.T. -0.010 min
Lab File: BG057807.D
Acq: 22 Jun 2023 13:03

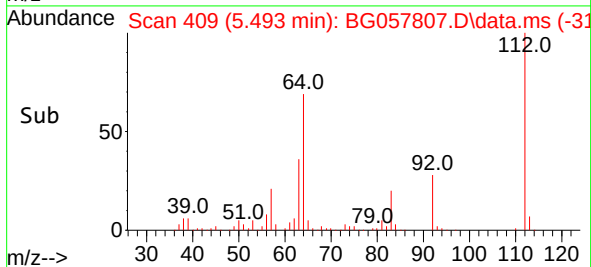
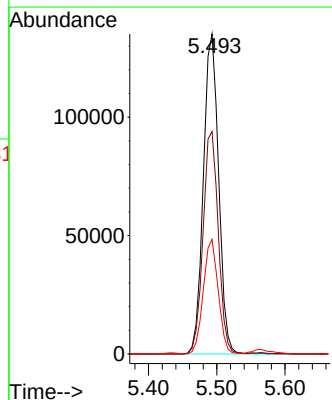
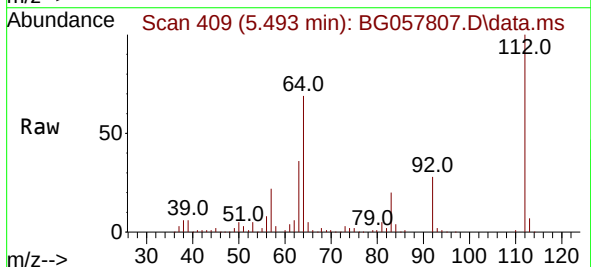
Instrument :
BNA_G
ClientSampleId :
SB-1

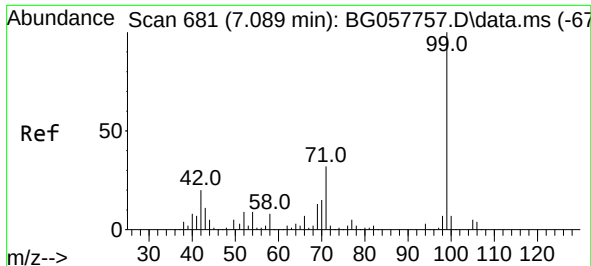
Tgt Ion:152 Resp: 28152
Ion Ratio Lower Upper
152 100
150 152.1 126.6 189.8
115 64.1 48.9 73.3



#5
2-Fluorophenol
Concen: 115.086 ng
RT: 5.493 min Scan# 409
Delta R.T. -0.004 min
Lab File: BG057807.D
Acq: 22 Jun 2023 13:03

Tgt Ion:112 Resp: 210123
Ion Ratio Lower Upper
112 100
64 69.5 62.1 93.1
63 35.8 31.5 47.3

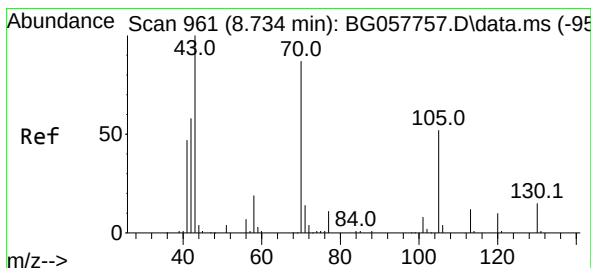
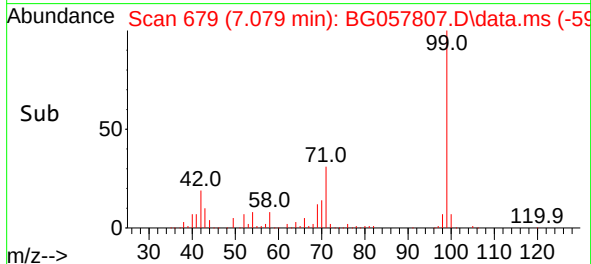
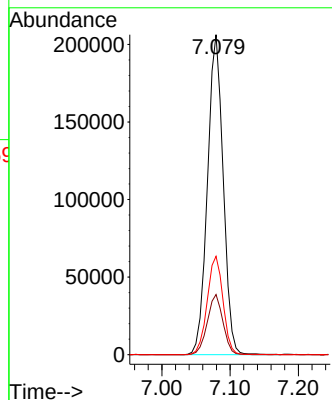
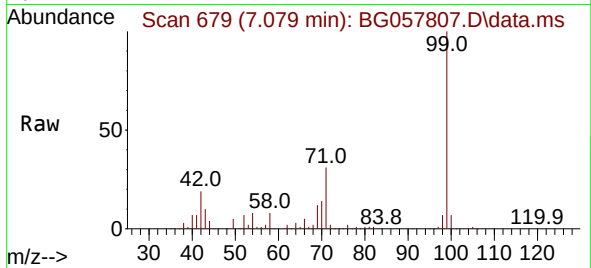




#7
Phenol-d6
Concen: 118.606 ng
RT: 7.079 min Scan# 61
Delta R.T. -0.010 min
Lab File: BG057807.D
Acq: 22 Jun 2023 13:03

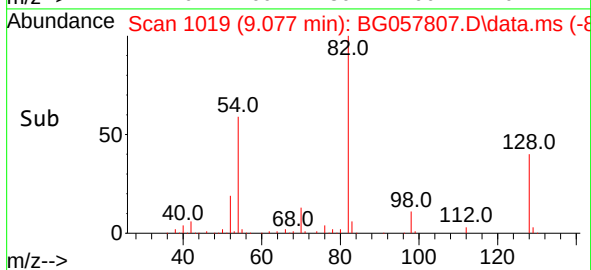
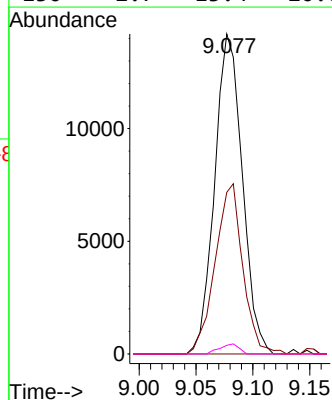
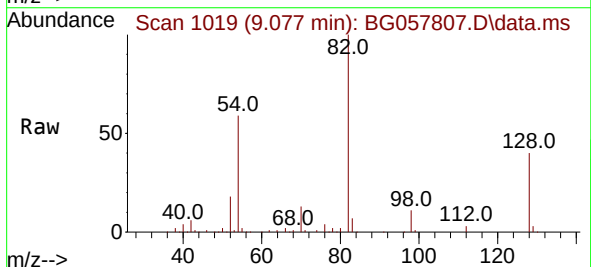
Instrument :
BNA_G
ClientSampleId :
SB-1

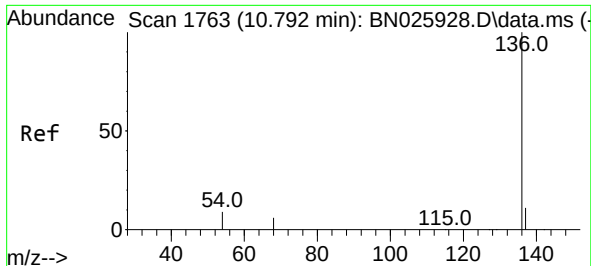
Tgt Ion: 99 Resp: 330423
Ion Ratio Lower Upper
99 100
42 18.8 16.4 24.6
71 30.8 25.8 38.6



#19
n-Nitroso-di-n-propylamine
Concen: 12.357 ng
RT: 9.077 min Scan# 1019
Delta R.T. 0.343 min
Lab File: BG057807.D
Acq: 22 Jun 2023 13:03

Tgt Ion: 70 Resp: 24000
Ion Ratio Lower Upper
70 100
42 50.5 54.2 81.2#
101 0.0 7.4 11.0#
130 2.7 13.4 20.0#

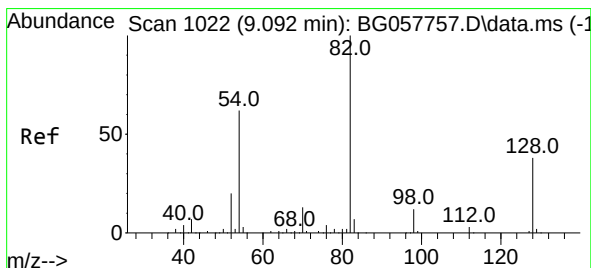
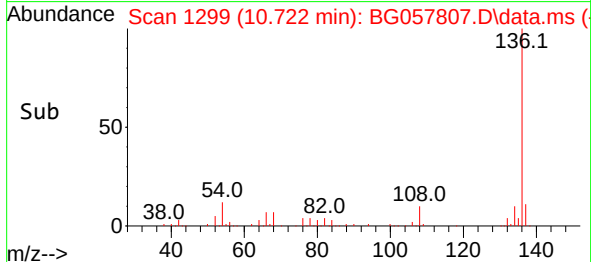
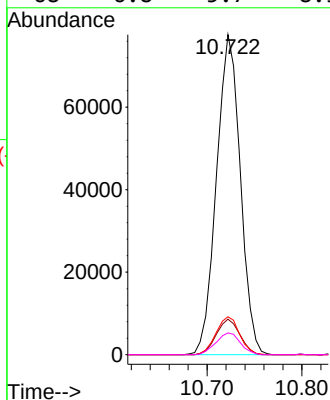
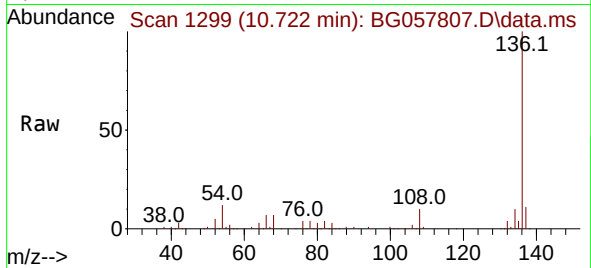




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.722 min Scan# 11
Delta R.T. -0.010 min
Lab File: BG057807.D
Acq: 22 Jun 2023 13:03

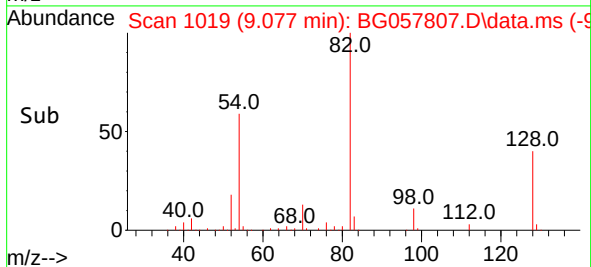
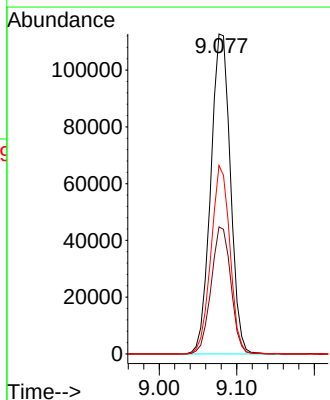
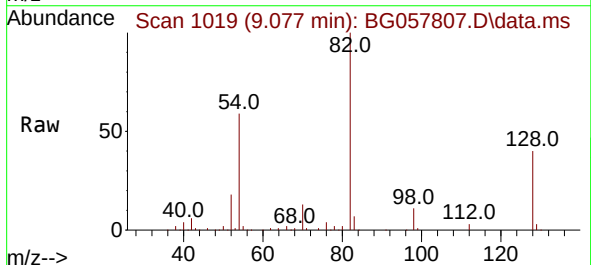
Instrument :
BNA_G
ClientSampleId :
SB-1

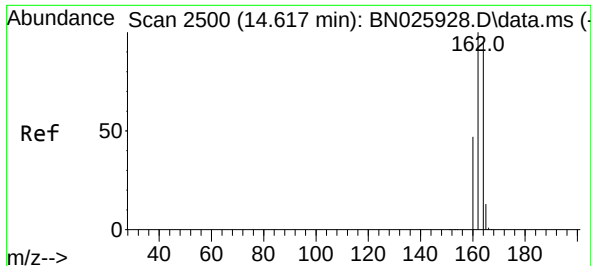
Tgt Ion:	136	Resp:	135555
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	11.9	9.5	14.3
68	6.8	5.7	8.5



#23
Nitrobenzene-d5
Concen: 75.206 ng
RT: 9.077 min Scan# 1019
Delta R.T. -0.016 min
Lab File: BG057807.D
Acq: 22 Jun 2023 13:03

Tgt Ion:	82	Resp:	198633
Ion	Ratio	Lower	Upper
82	100		
128	39.7	30.7	46.1
54	58.9	49.6	74.4

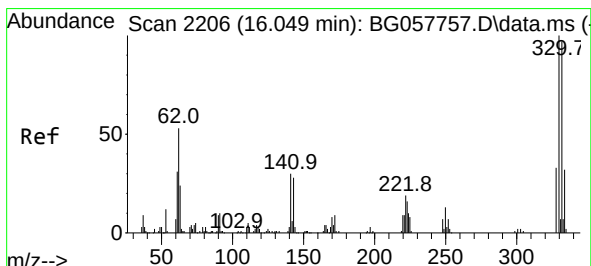
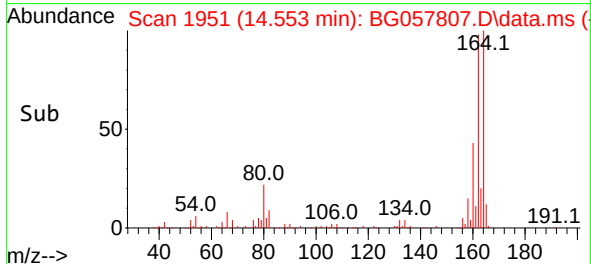
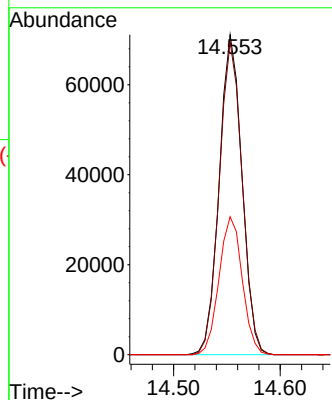
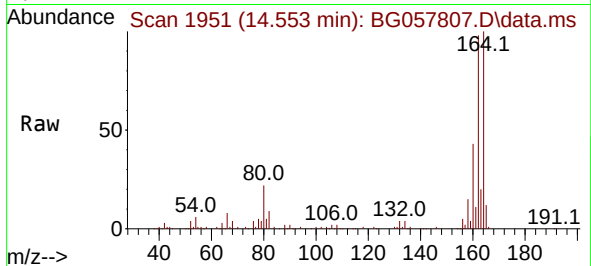




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.553 min Scan# 1951
Delta R.T. -0.010 min
Lab File: BG057807.D
Acq: 22 Jun 2023 13:03

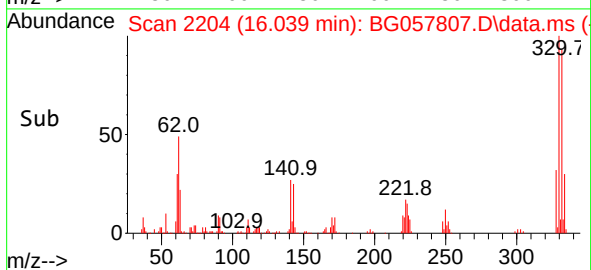
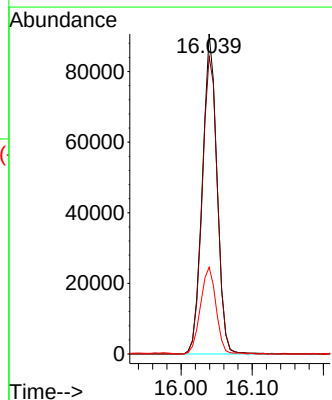
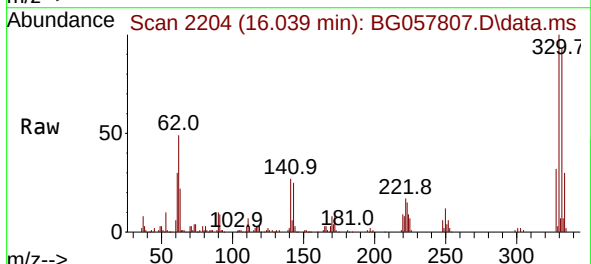
Instrument :
BNA_G
ClientSampleId :
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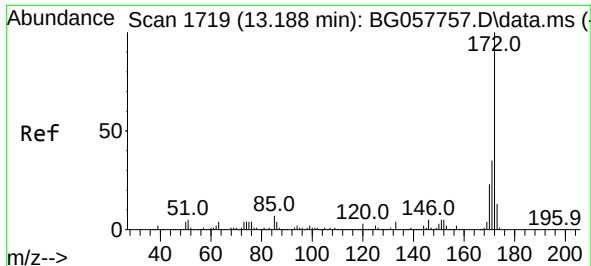
Tgt Ion:164 Resp: 105228
Ion Ratio Lower Upper
164 100
162 97.8 78.3 117.5
160 43.1 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 88.383 ng
RT: 16.039 min Scan# 2204
Delta R.T. -0.010 min
Lab File: BG057807.D
Acq: 22 Jun 2023 13:03

Tgt Ion:330 Resp: 129554
Ion Ratio Lower Upper
330 100
332 97.0 76.6 115.0
141 28.9 24.7 37.1

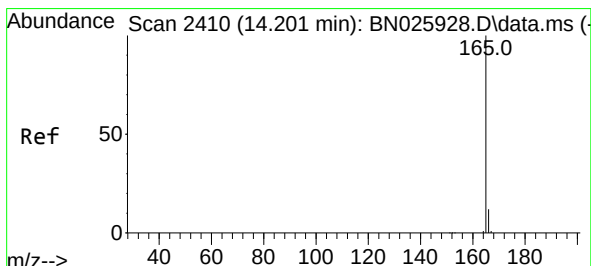
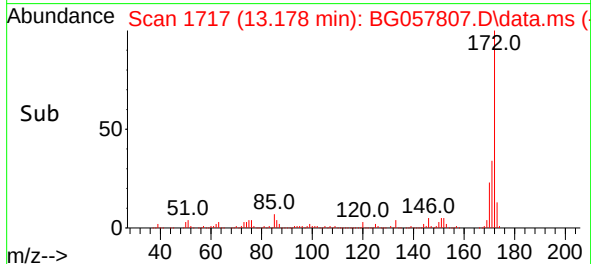
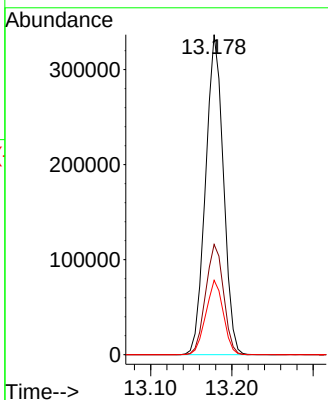
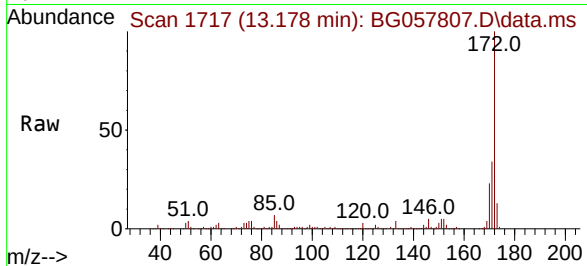




#45
2-Fluorobiphenyl
Concen: 73.928 ng
RT: 13.178 min Scan# 11
Delta R.T. -0.010 min
Lab File: BG057807.D
Acq: 22 Jun 2023 13:03

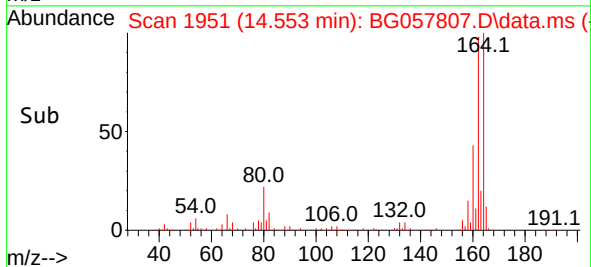
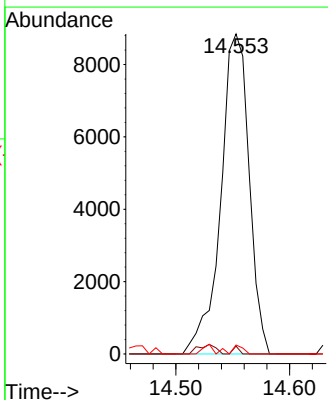
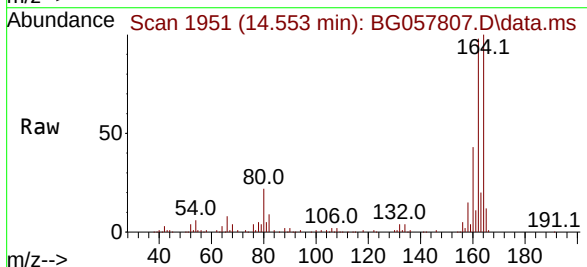
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ClientSampleId :
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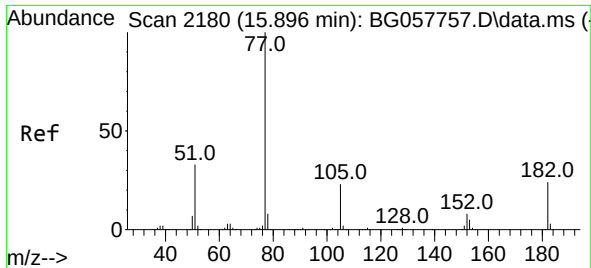
Tgt Ion:172 Resp: 512892
Ion Ratio Lower Upper
172 100
171 34.4 28.1 42.1
170 23.3 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 10.307 ng
RT: 14.553 min Scan# 1951
Delta R.T. 0.419 min
Lab File: BG057807.D
Acq: 22 Jun 2023 13:03

Tgt Ion:165 Resp: 15340
Ion Ratio Lower Upper
165 100
63 2.5 52.8 79.2#
89 2.8 50.7 76.1#

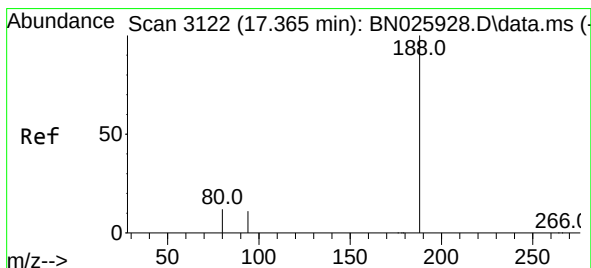
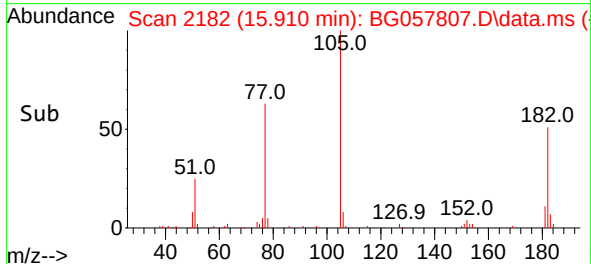
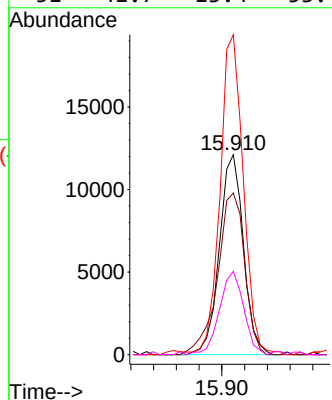
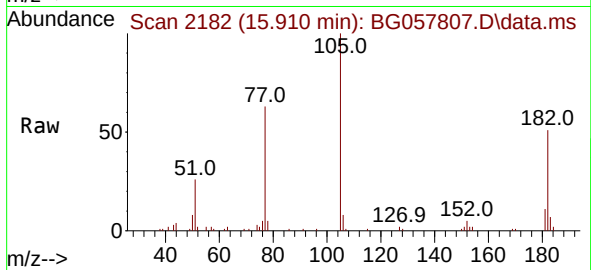




#63
Azobenzene
Concen: 2.095 ng
RT: 15.910 min Scan# 2180
Delta R.T. 0.014 min
Lab File: BG057807.D
Acq: 22 Jun 2023 13:03

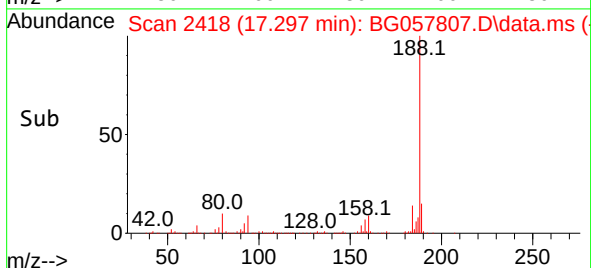
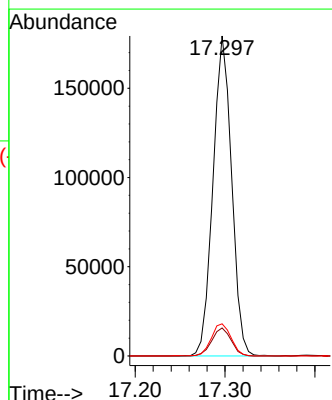
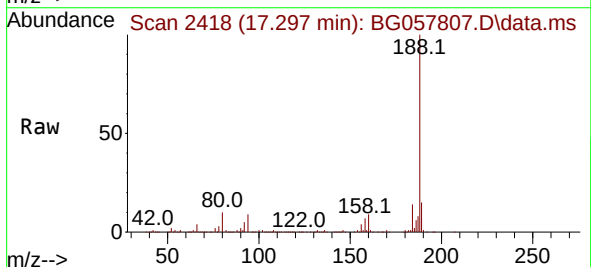
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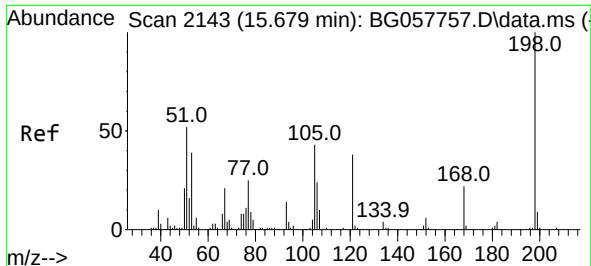
Tgt Ion: 77 Resp: 17771
Ion Ratio Lower Upper
77 100
182 80.9 4.1 44.1#
105 160.0 3.3 43.3#
51 41.7 13.4 53.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.297 min Scan# 2418
Delta R.T. -0.010 min
Lab File: BG057807.D
Acq: 22 Jun 2023 13:03

Tgt Ion:188 Resp: 258165
Ion Ratio Lower Upper
188 100
94 8.7 6.6 9.8
80 10.1 7.6 11.4

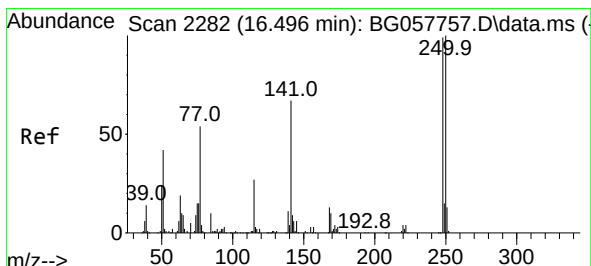
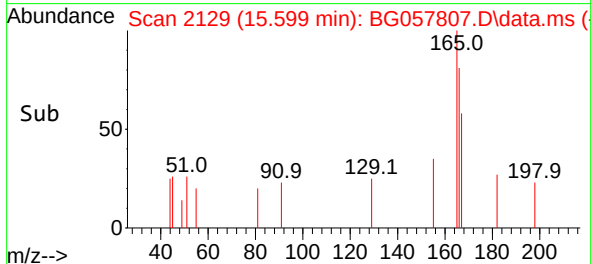
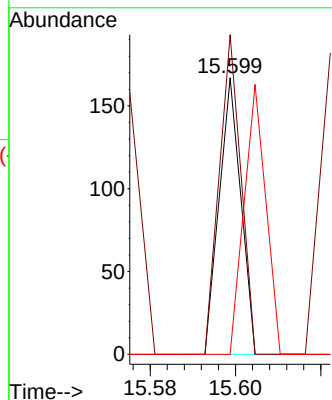
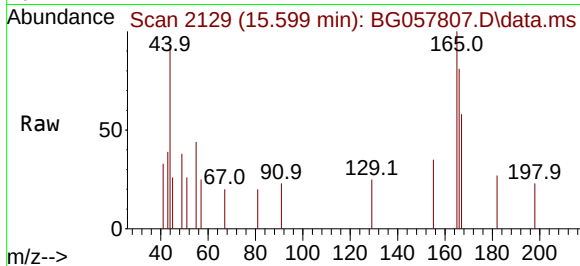




#65
4,6-Dinitro-2-methylphenol
Concen: 5.356 ng
RT: 15.599 min Scan# 2143
Delta R.T. -0.080 min
Lab File: BG057807.D
Acq: 22 Jun 2023 13:03

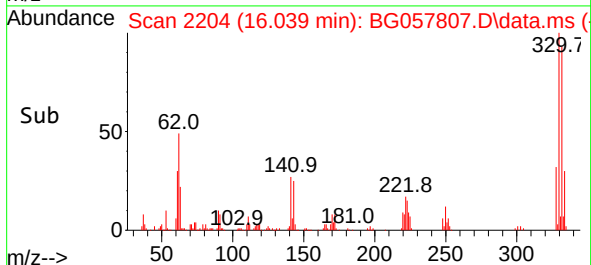
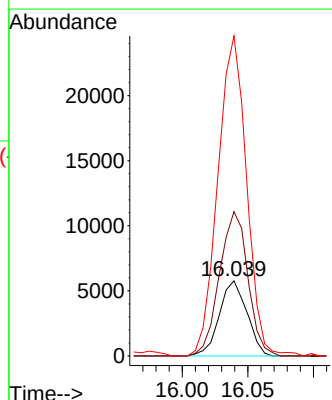
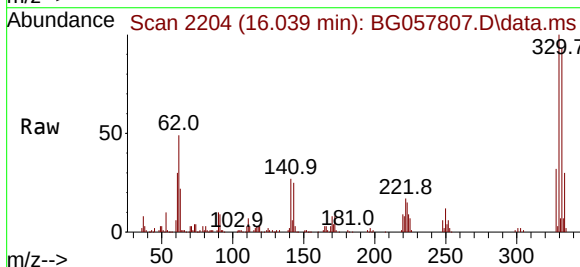
Instrument :
BNA_G
ClientSampleId :
SB-1

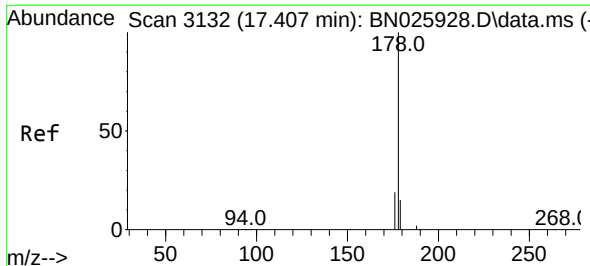
Tgt Ion:198 Resp: 59
Ion Ratio Lower Upper
198 100
51 115.6 36.6 76.6#
105 0.0 24.3 64.3#



#67
4-Bromophenyl-phenylether
Concen: 3.085 ng
RT: 16.039 min Scan# 2204
Delta R.T. -0.456 min
Lab File: BG057807.D
Acq: 22 Jun 2023 13:03

Tgt Ion:248 Resp: 8447
Ion Ratio Lower Upper
248 100
250 191.8 81.1 121.7#
141 425.5 54.6 81.8#

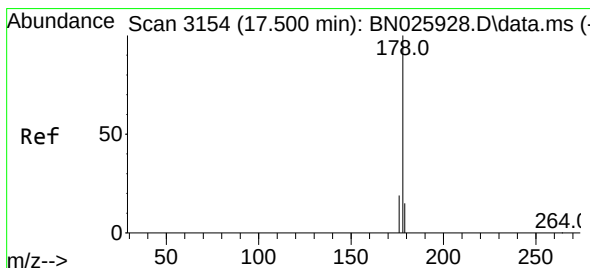
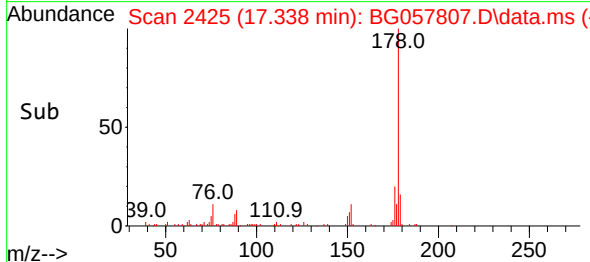
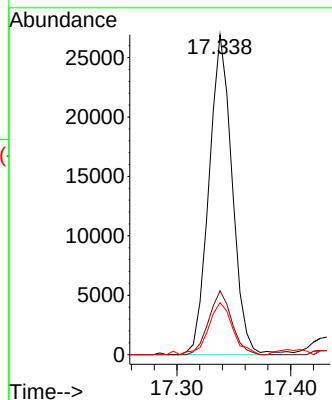
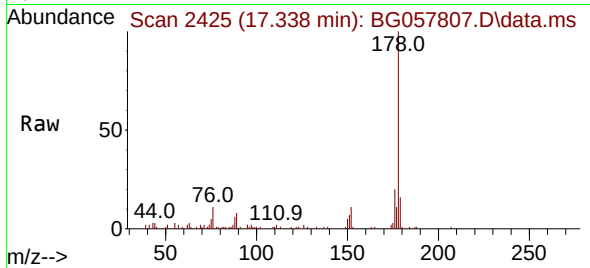




#71
Phenanthrene
Concen: 3.041 ng
RT: 17.338 min Scan# 2425
Delta R.T. -0.010 min
Lab File: BG057807.D
Acq: 22 Jun 2023 13:03

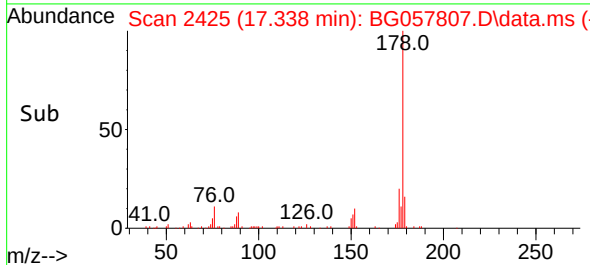
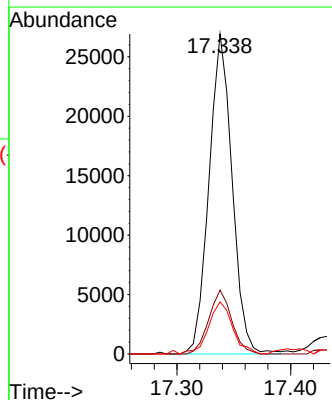
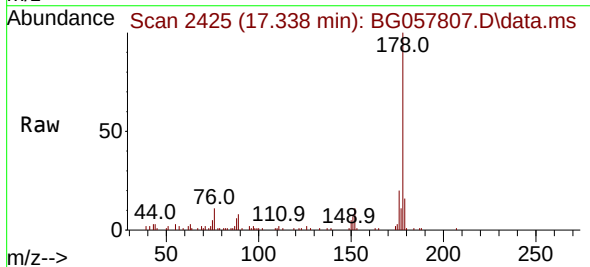
Instrument :
BNA_G
ClientSampleId :
SB-1

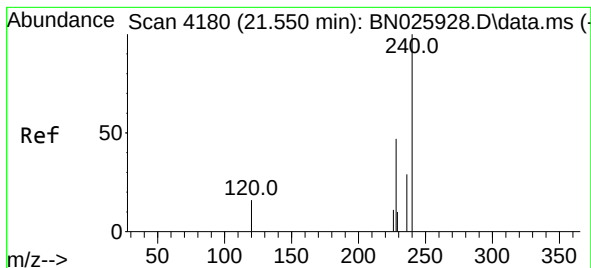
Tgt Ion:178 Resp: 38009
Ion Ratio Lower Upper
178 100
176 19.9 16.3 24.5
179 16.2 13.0 19.6



#72
Anthracene
Concen: 2.978 ng
RT: 17.338 min Scan# 2425
Delta R.T. -0.098 min
Lab File: BG057807.D
Acq: 22 Jun 2023 13:03

Tgt Ion:178 Resp: 38009
Ion Ratio Lower Upper
178 100
176 19.9 15.4 23.0
179 16.2 13.3 19.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.551 min Scan# 31

Delta R.T. -0.010 min

Lab File: BG057807.D

Acq: 22 Jun 2023 13:03

Instrument :

BNA_G

ClientSampleId :

SB-1

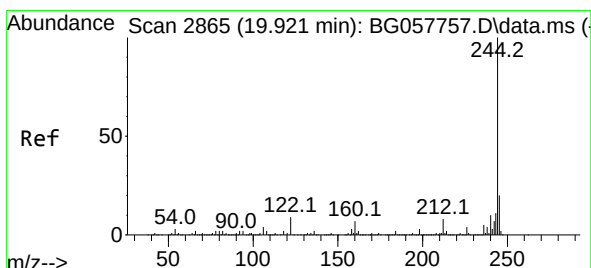
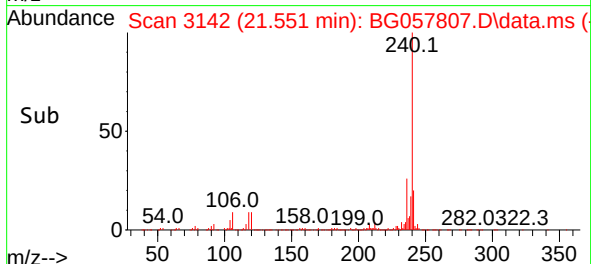
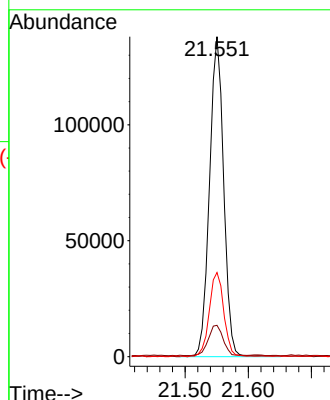
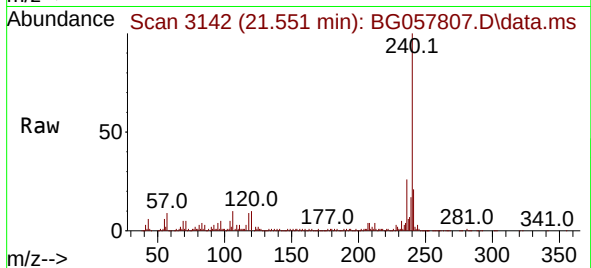
Tgt Ion:240 Resp: 214237

Ion Ratio Lower Upper

240 100

120 9.8 8.1 12.1

236 26.3 20.6 30.8



#79

Terphenyl-d14

Concen: 76.729 ng

RT: 19.917 min Scan# 2864

Delta R.T. -0.004 min

Lab File: BG057807.D

Acq: 22 Jun 2023 13:03

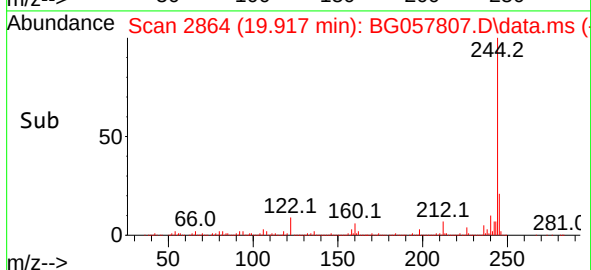
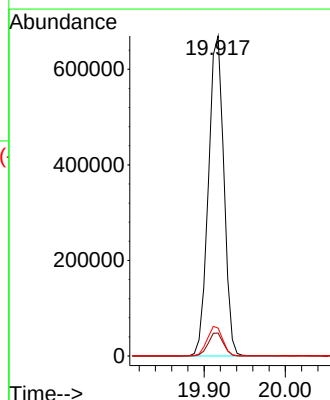
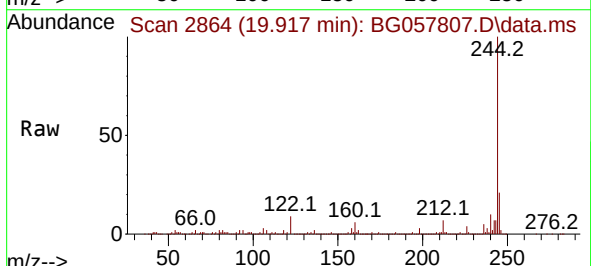
Tgt Ion:244 Resp: 881558

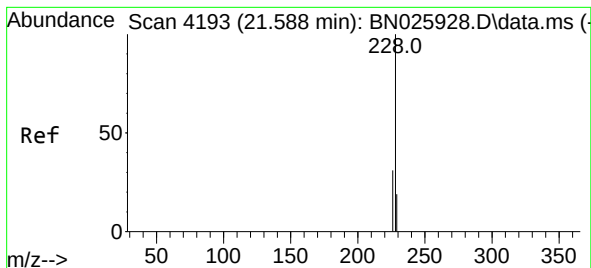
Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

122 8.7 7.6 11.4





#83

Chrysene

Concen: 2.988 ng

RT: 21.592 min Scan# 3149

Delta R.T. -0.016 min

Lab File: BG057807.D

Acq: 22 Jun 2023 13:03

Instrument :

BNA_G

ClientSampleId :

SB-1

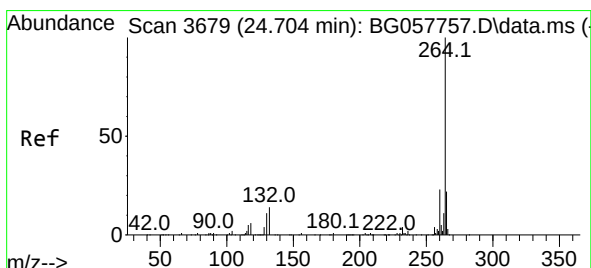
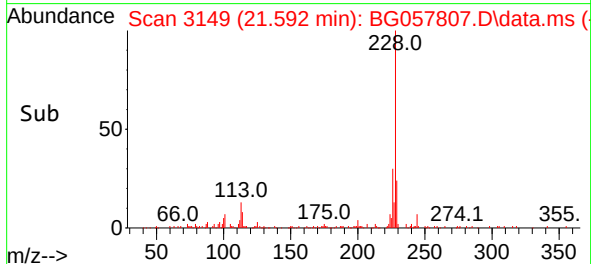
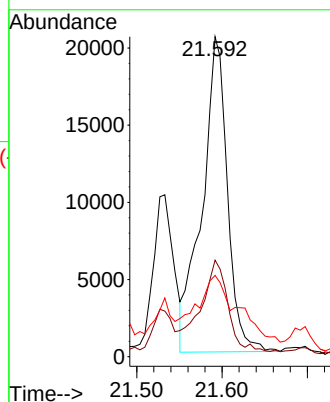
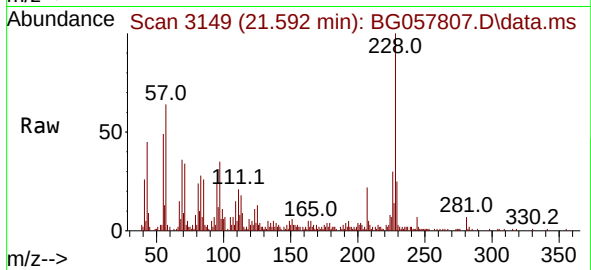
Tgt Ion:228 Resp: 42148

Ion Ratio Lower Upper

228 100

226 30.1 24.8 37.2

229 25.4 15.6 23.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.700 min Scan# 3678

Delta R.T. -0.004 min

Lab File: BG057807.D

Acq: 22 Jun 2023 13:03

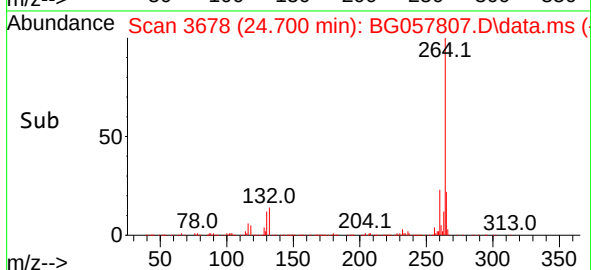
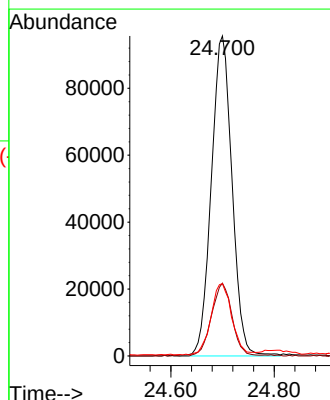
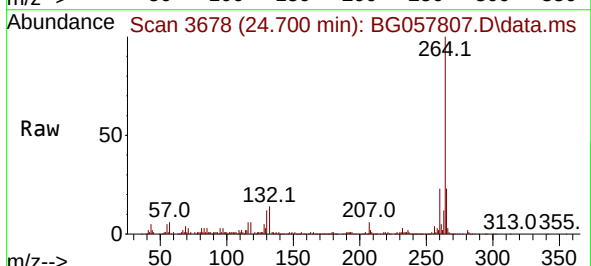
Tgt Ion:264 Resp: 265449

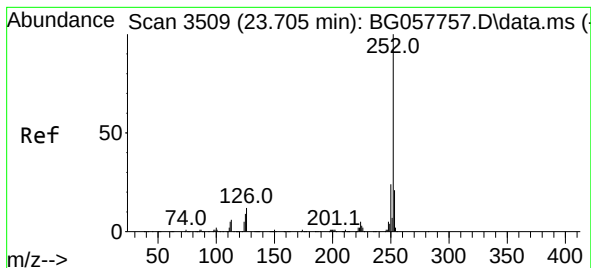
Ion Ratio Lower Upper

264 100

260 22.8 18.5 27.7

265 22.6 17.4 26.2





#88

Benzo(b)fluoranthene

Concen: 2.145 ng

RT: 23.695 min Scan# 31

Delta R.T. -0.010 min

Lab File: BG057807.D

Acq: 22 Jun 2023 13:03

Instrument :

BNA_G

ClientSampleId :

SB-1

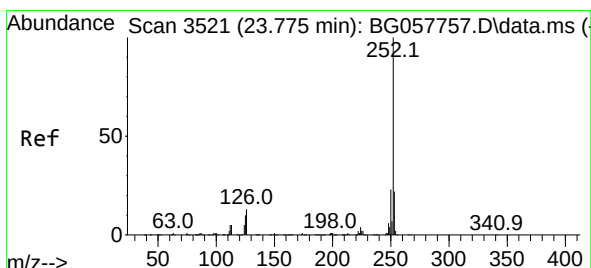
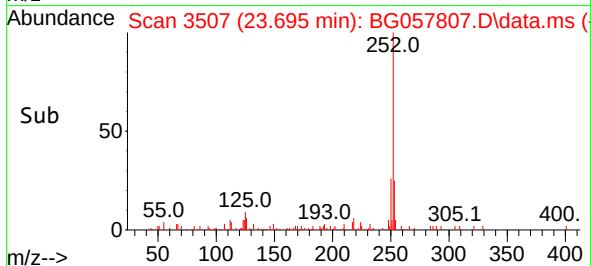
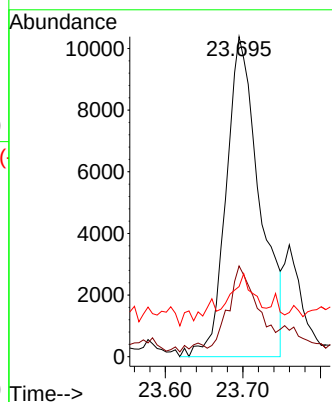
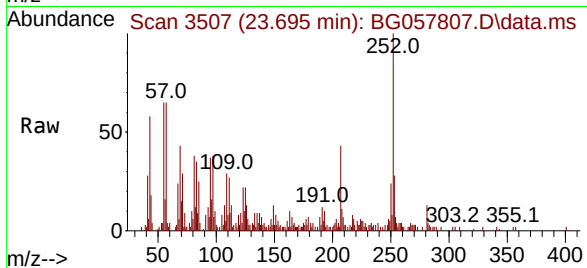
Tgt Ion:252 Resp: 31203

Ion Ratio Lower Upper

252 100

253 28.4 17.1 25.7#

125 21.9 7.4 11.0#



#89

Benzo(k)fluoranthene

Concen: 2.106 ng

RT: 23.695 min Scan# 3507

Delta R.T. -0.080 min

Lab File: BG057807.D

Acq: 22 Jun 2023 13:03

Tgt Ion:252 Resp: 31203

Ion Ratio Lower Upper

252 100

253 28.4 18.0 27.0#

125 21.9 7.6 11.4#

