

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)

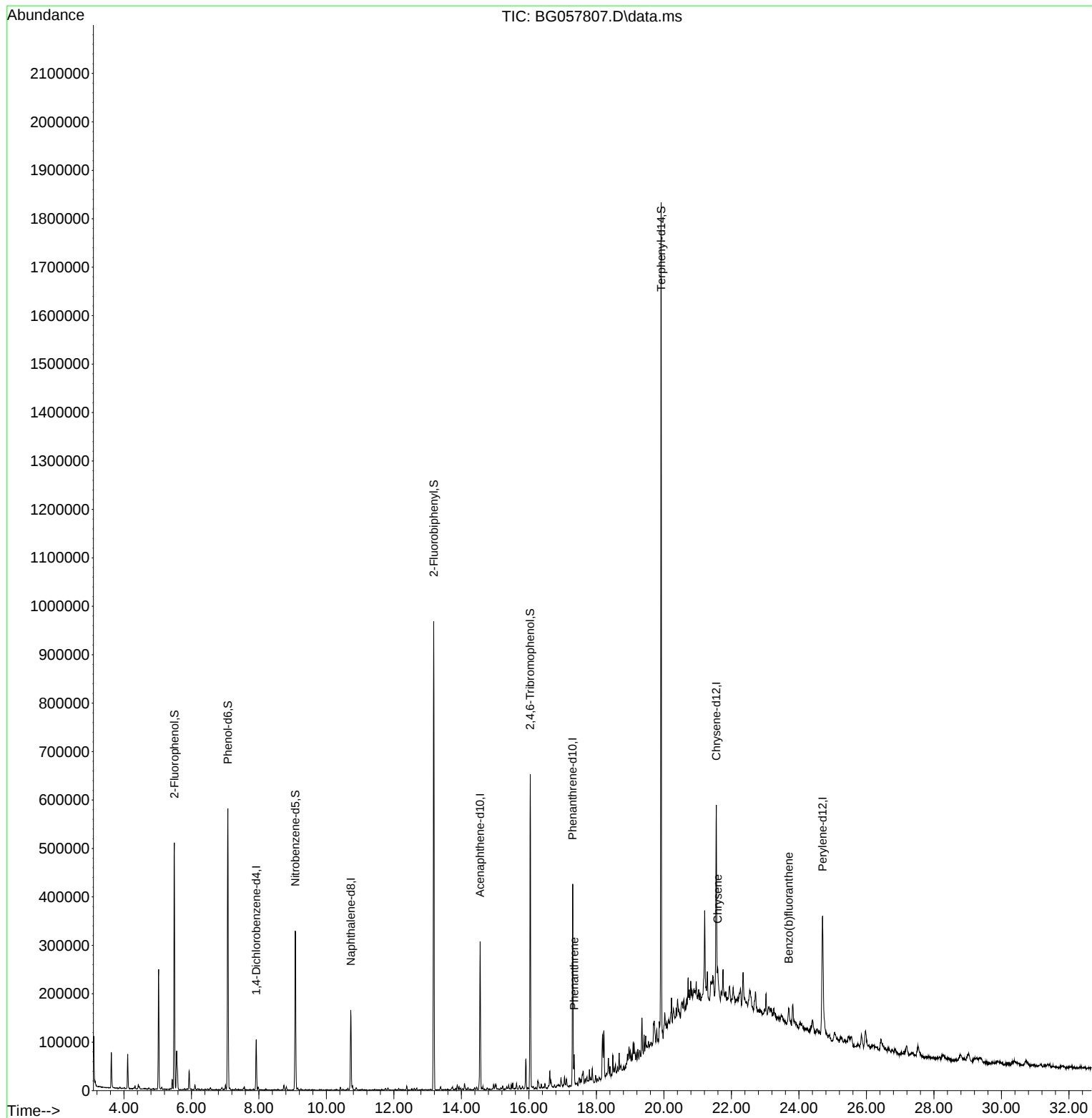
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.919	152	28152	20.000	ng	0.00
21) Naphthalene-d8	10.722	136	135555	20.000	ng	0.00
39) Acenaphthene-d10	14.553	164	105228	20.000	ng	0.00
64) Phenanthrene-d10	17.297	188	258165	20.000	ng	0.00
76) Chrysene-d12	21.551	240	214237	20.000	ng	0.00
86) Perylene-d12	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						
71) Phenanthrene	17.338	178	38009	3.041	ng	99
83) Chrysene	21.592	228	42148	2.988	ng	# 94
88) Benzo(b)fluoranthene	23.695	252	31203	2.145	ng	# 79

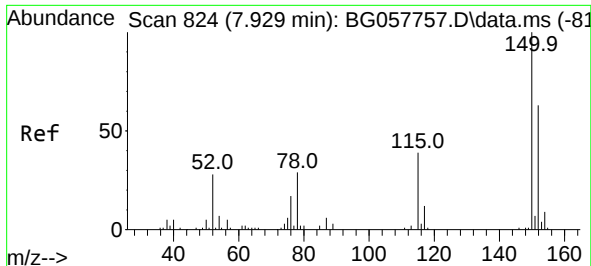
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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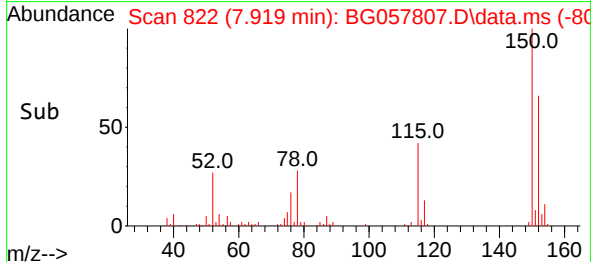
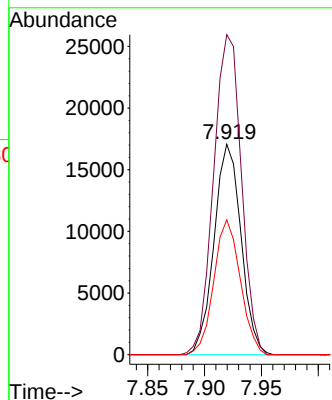
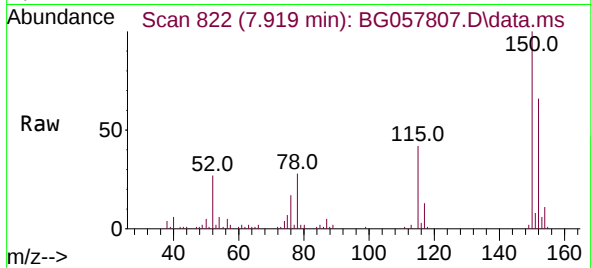




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.919 min Scan# 81
Delta R.T. -0.010 min
Lab File: BG057807.D
Acq: 22 Jun 2023 13:03

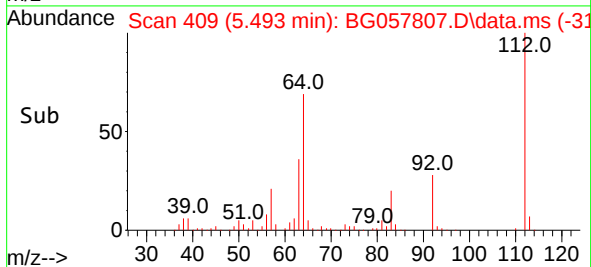
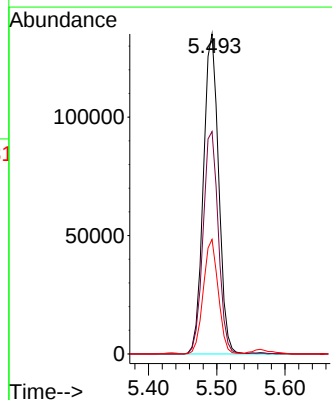
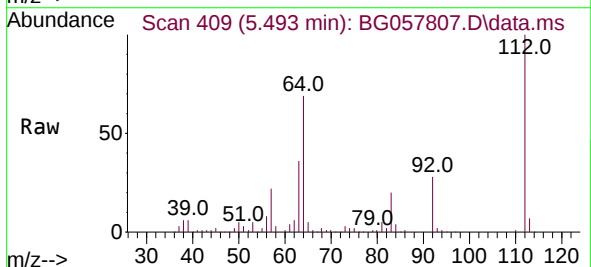
Instrument :
BNA_G
ClientSampleId :
SB-1

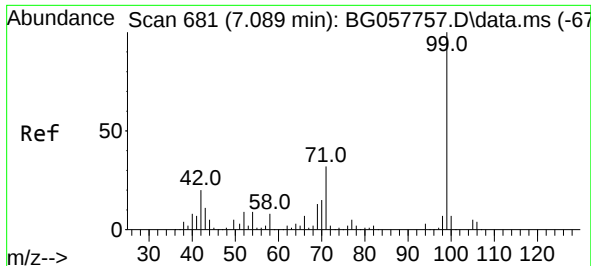
Tgt Ion:152 Resp: 28152
Ion Ratio Lower Upper
152 100
150 152.1 126.6 189.8
115 64.1 48.9 73.3



#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

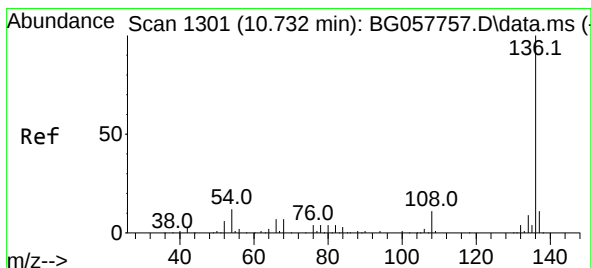
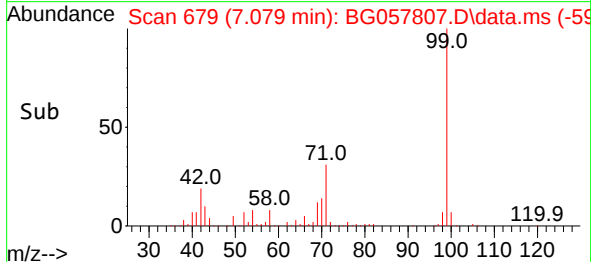
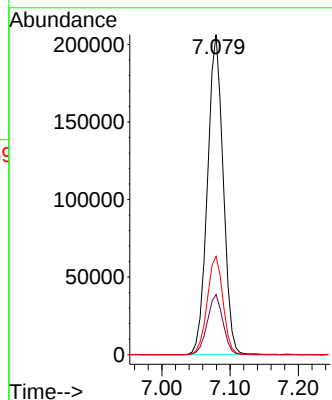
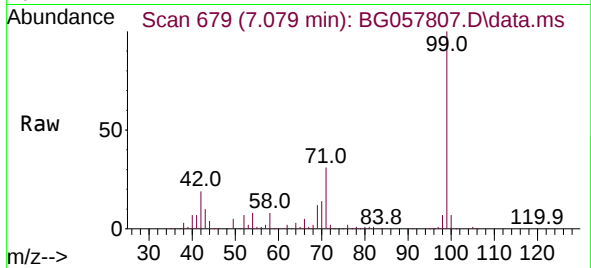




#7
Phenol-d6
Concen: 118.606 ng
RT: 7.079 min Scan# 61
Delta R.T. -0.010 min
Lab File: BG057807.D
Acq: 22 Jun 2023 13:03

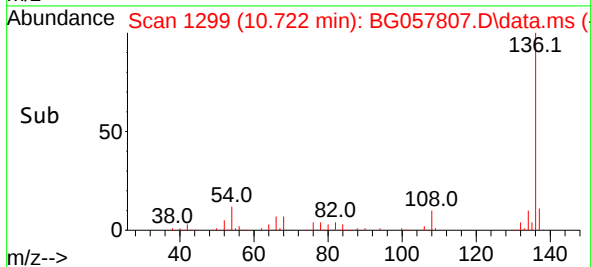
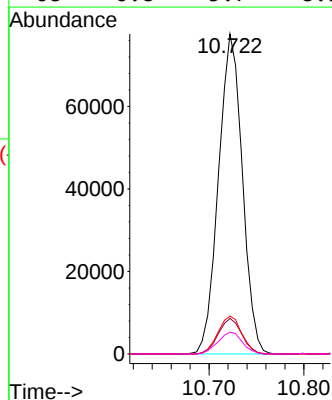
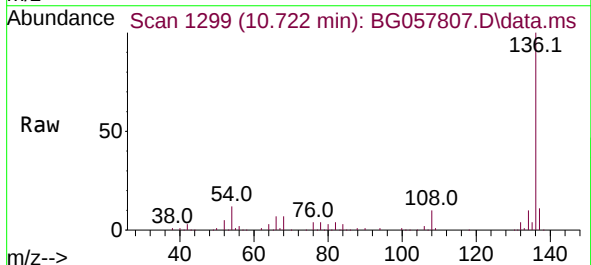
Instrument :
BNA_G
ClientSampleId :
SB-1

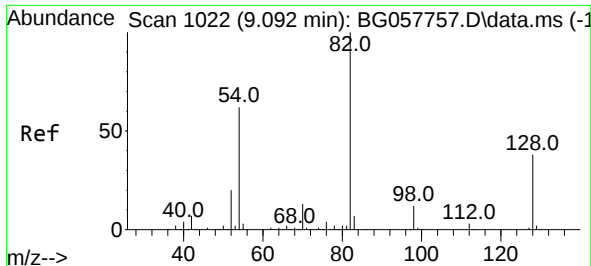
Tgt Ion: 99 Resp: 330423
Ion Ratio Lower Upper
99 100
42 18.8 16.4 24.6
71 30.8 25.8 38.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.722 min Scan# 1299
Delta R.T. -0.010 min
Lab File: BG057807.D
Acq: 22 Jun 2023 13:03

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

Instrument :

BNA_G

ClientSampleId :

SB-1

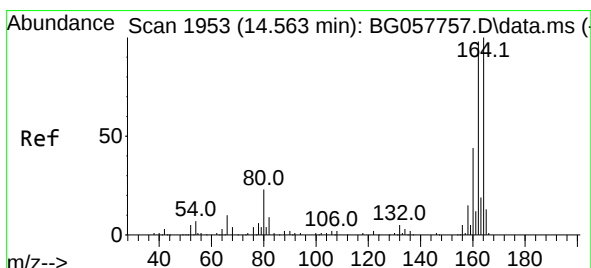
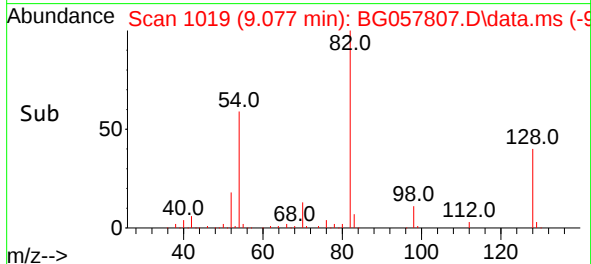
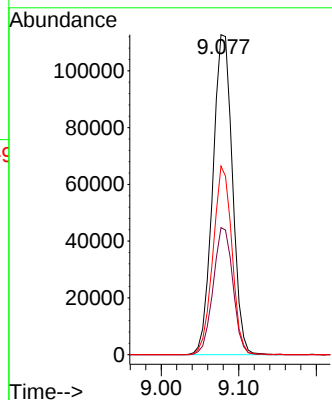
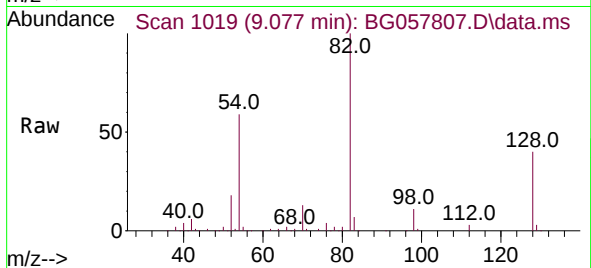
Tgt Ion: 82 Resp: 198633

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

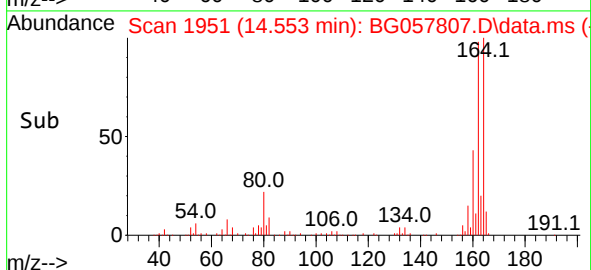
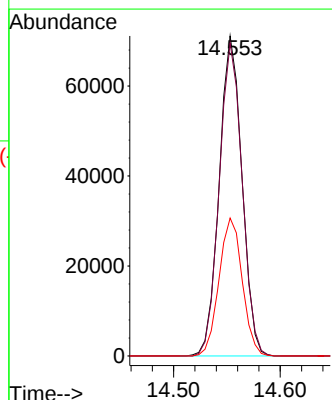
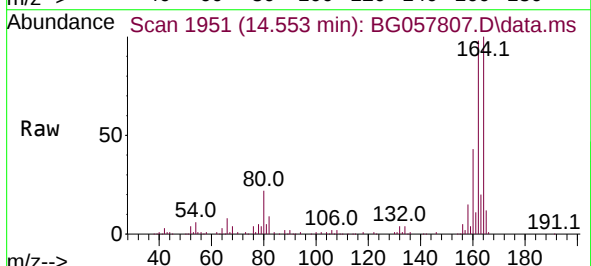
Tgt Ion:164 Resp: 105228

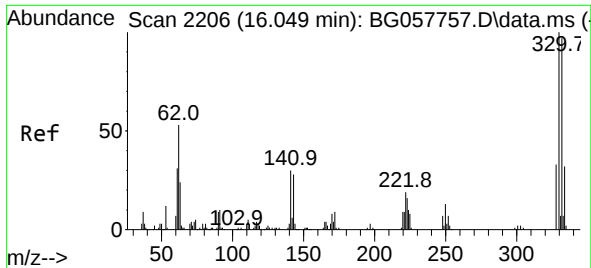
Ion Ratio Lower Upper

164 100

162 97.8 78.3 117.5

160 43.1 35.4 53.0

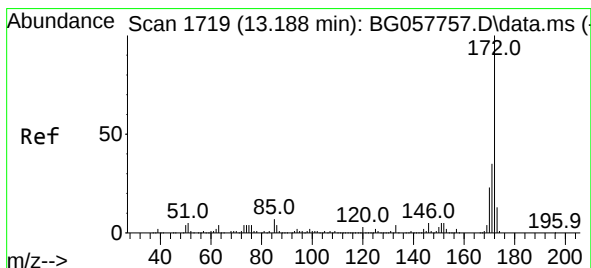
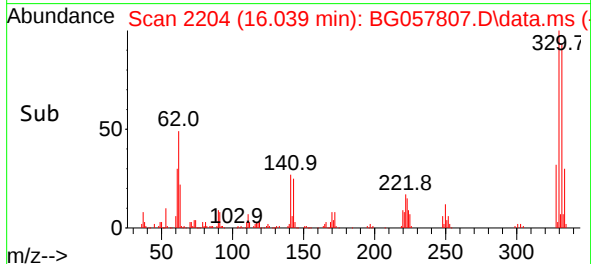
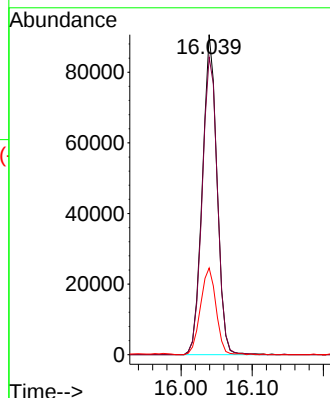
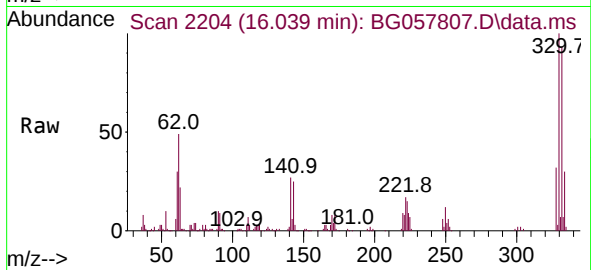




#42
2,4,6-Tribromophenol
Concen: 88.383 ng
RT: 16.039 min Scan# 21
Delta R.T. -0.010 min
Lab File: BG057807.D
Acq: 22 Jun 2023 13:03

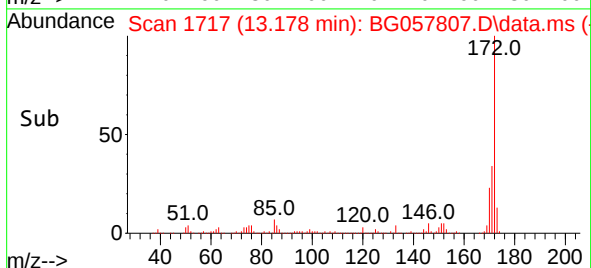
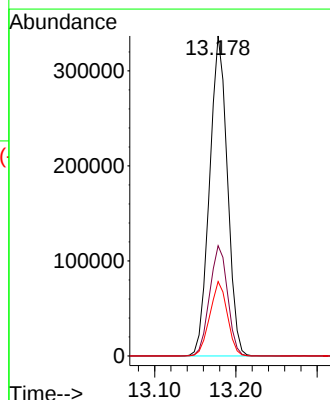
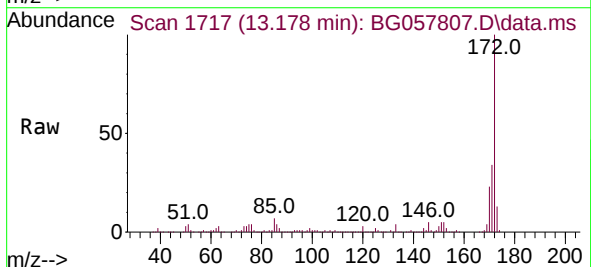
Instrument :
BNA_G
ClientSampleId :
SB-1

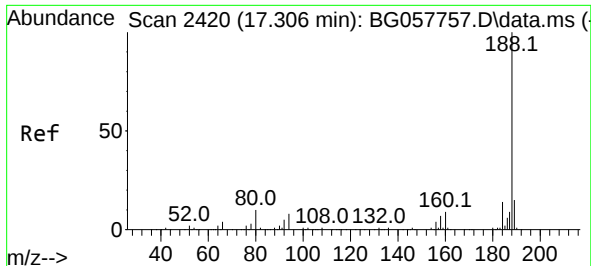
Tgt Ion:330 Resp: 129554
Ion Ratio Lower Upper
330 100
332 97.0 76.6 115.0
141 28.9 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 73.928 ng
RT: 13.178 min Scan# 1717
Delta R.T. -0.010 min
Lab File: BG057807.D
Acq: 22 Jun 2023 13:03

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

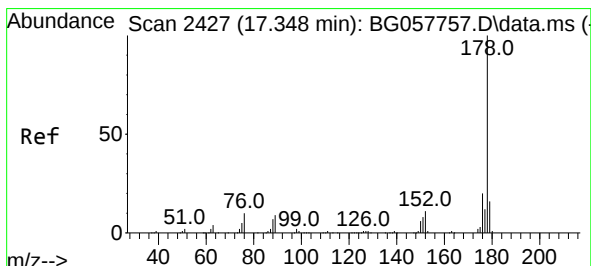
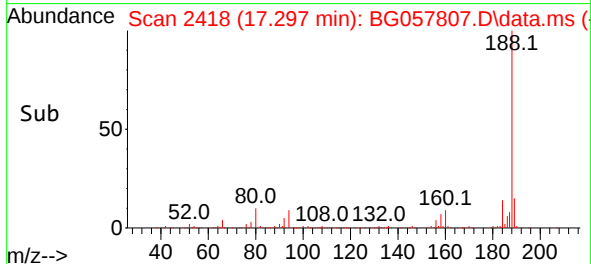
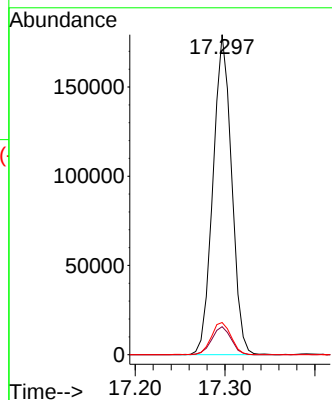
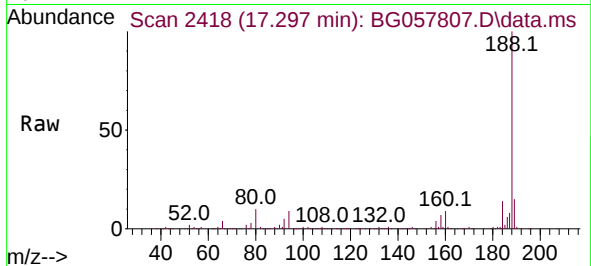




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.297 min Scan# 2418
Delta R.T. -0.010 min
Lab File: BG057807.D
Acq: 22 Jun 2023 13:03

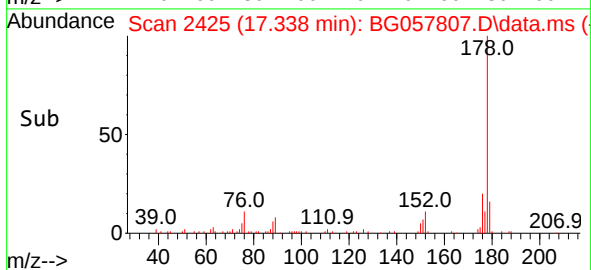
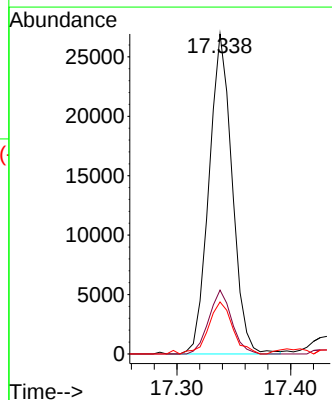
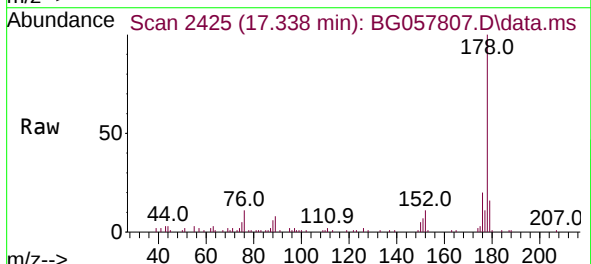
Instrument :
BNA_G
ClientSampleId :
SB-1

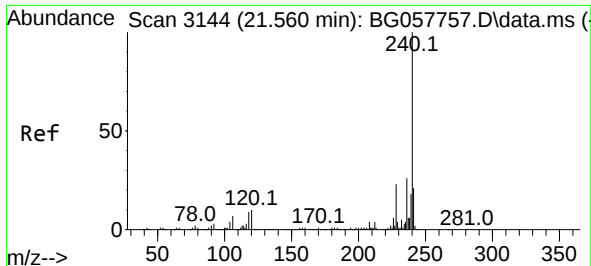
Tgt Ion:188 Resp: 258165
Ion Ratio Lower Upper
188 100
94 8.7 6.6 9.8
80 10.1 7.6 11.4



#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

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

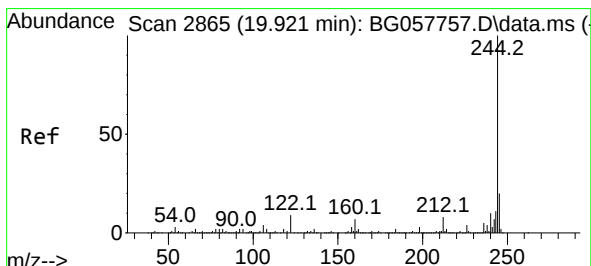
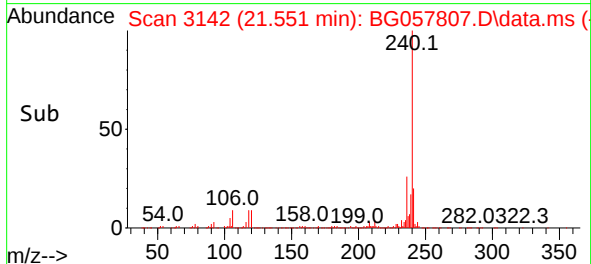
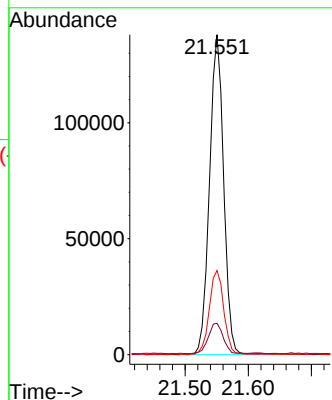
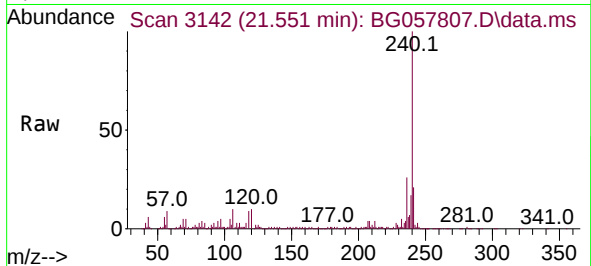




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.551 min Scan# 3144
Delta R.T. -0.010 min
Lab File: BG057807.D
Acq: 22 Jun 2023 13:03

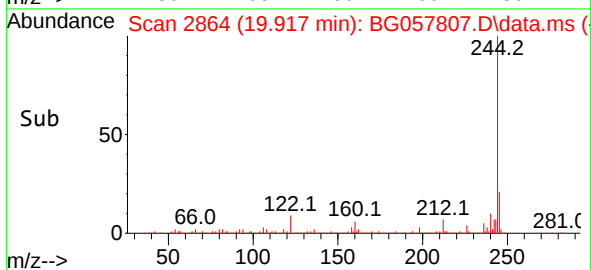
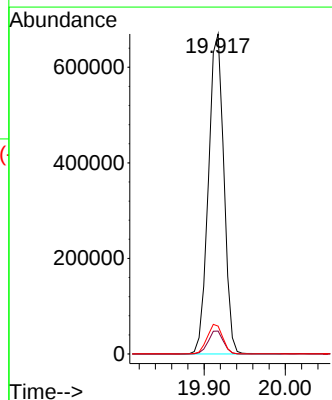
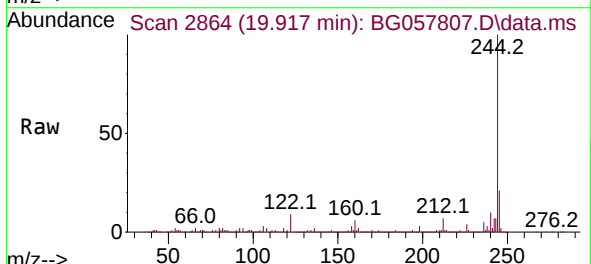
Instrument :
BNA_G
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SB-1

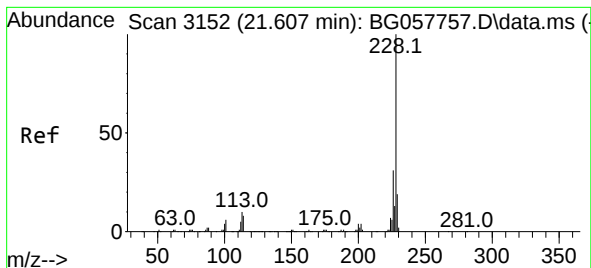
Tgt Ion:240 Resp: 214237
Ion Ratio Lower Upper
240 100
120 9.8 8.1 12.1
236 26.3 20.6 30.8



#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# 3152

Delta R.T. -0.016 min

Lab File: BG057807.D

Acq: 22 Jun 2023 13:03

Instrument :

BNA_G

ClientSampleId :

SB-1

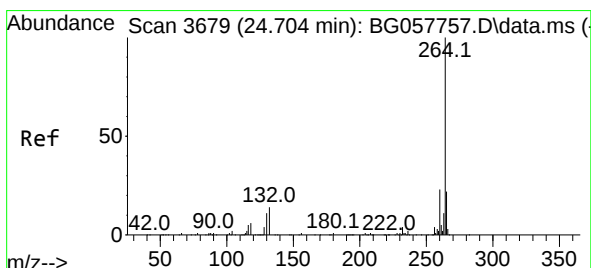
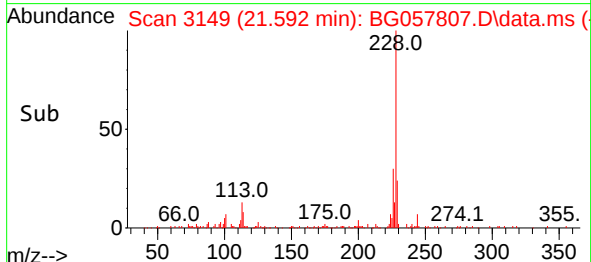
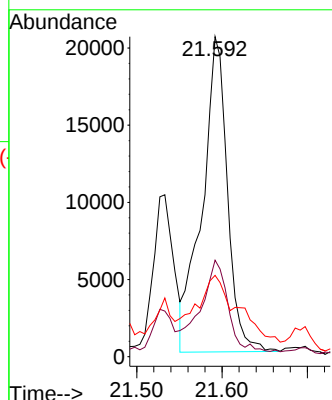
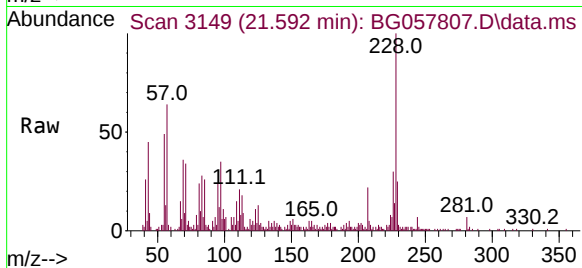
Tgt Ion:228 Resp: 42148

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

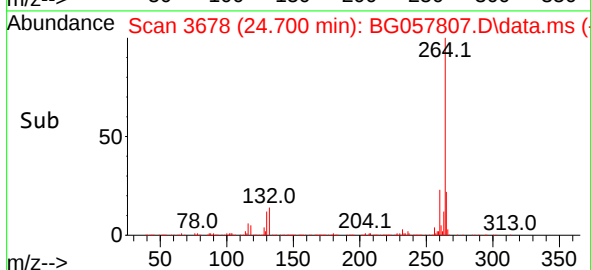
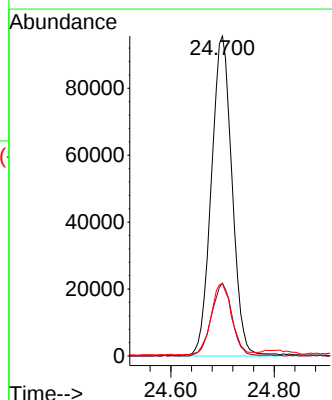
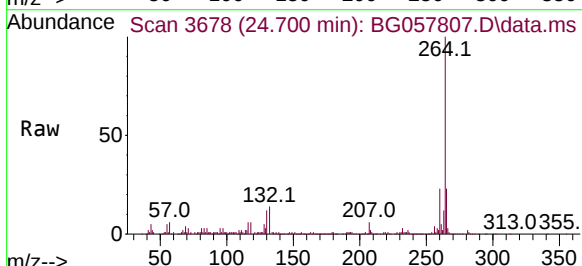
Tgt Ion:264 Resp: 265449

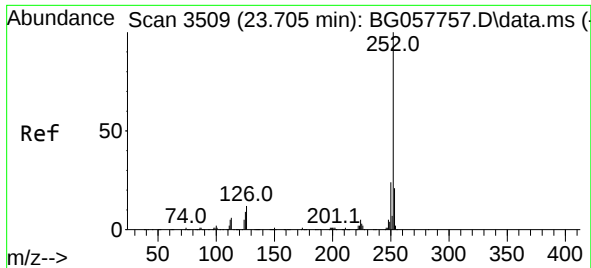
Ion Ratio Lower Upper

264 100

260 22.8 18.5 27.7

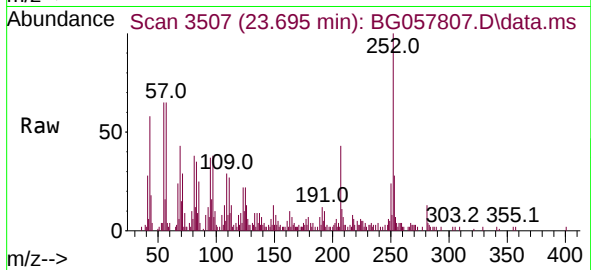
265 22.6 17.4 26.2





#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#

