

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062023\
 Data File : BG057782.D
 Acq On : 20 Jun 2023 19:01
 Operator : CG/JU
 Sample : 03255-07 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMPOSIT-SB-34

Quant Time: Jun 21 01:05:24 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)

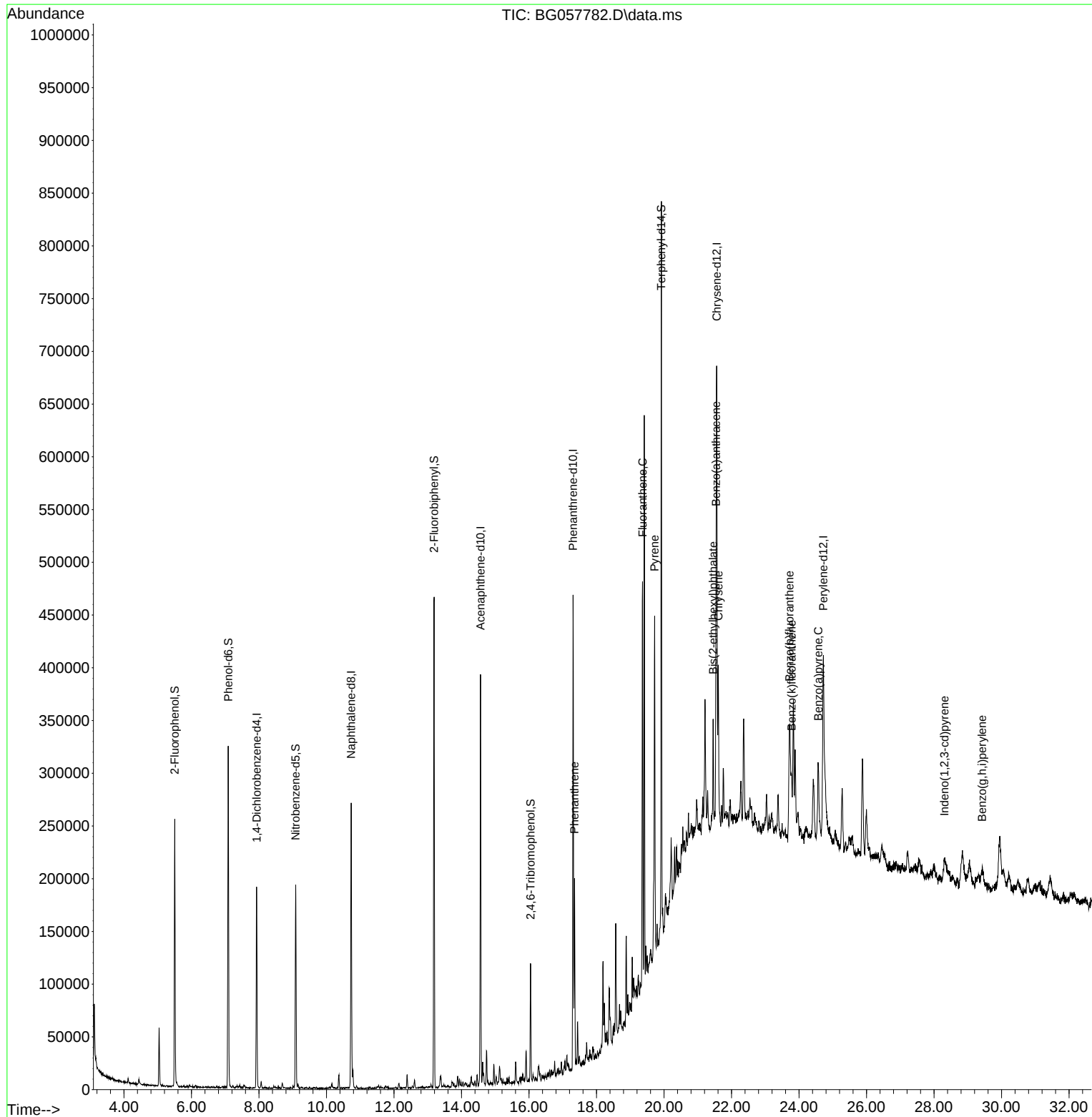
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	52321	20.000	ng	0.00
21) Naphthalene-d8	10.732	136	212138	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	130622	20.000	ng	0.00
64) Phenanthrene-d10	17.307	188	278158	20.000	ng	0.00
76) Chrysene-d12	21.561	240	215953	20.000	ng	0.00
86) Perylene-d12	24.722	264	228315	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.503	112	108674	32.026	ng	0.00
7) Phenol-d6	7.089	99	187043	36.125	ng	0.00
23) Nitrobenzene-d5	9.087	82	113207	27.389	ng	0.00
42) 2,4,6-Tribromophenol	16.049	330	20768	11.414	ng	0.00
45) 2-Fluorobiphenyl	13.188	172	252348	29.302	ng	0.00
79) Terphenyl-d14	19.921	244	340324	29.386	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.348	178	106960	7.942	ng	97
75) Fluoranthene	19.363	202	227806	14.199	ng	98
78) Pyrene	19.722	202	210105	13.639	ng	99
81) Benzo(a)anthracene	21.543	228	117335	7.919	ng	95
83) Chrysene	21.608	228	118752m	8.352	ng	
84) Bis(2-ethylhexyl)phtha...	21.455	149	37772	4.439	ng	# 95
87) Indeno(1,2,3-cd)pyrene	28.311	276	41934	2.809	ng	# 74
88) Benzo(b)fluoranthene	23.717	252	144680	11.564	ng	# 94
89) Benzo(k)fluoranthene	23.782	252	61350m	4.815	ng	
90) Benzo(a)pyrene	24.569	252	95035	7.734	ng	# 91
92) Benzo(g,h,i)perylene	29.428	276	41744m	3.366	ng	

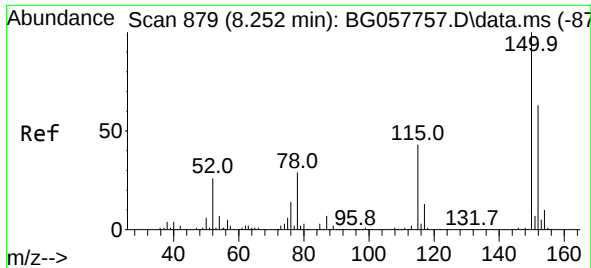
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062023\
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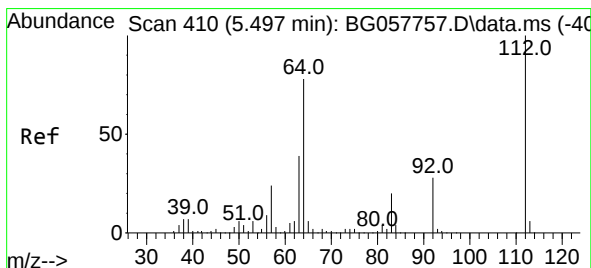
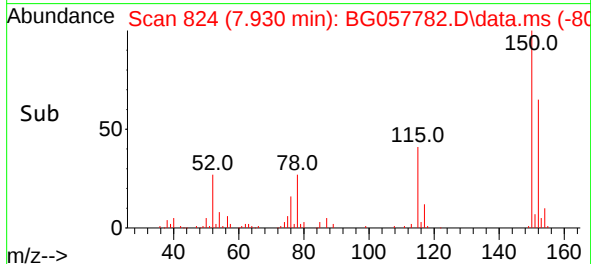
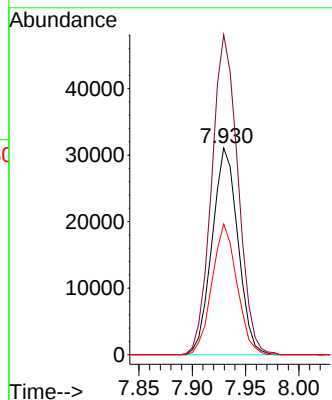
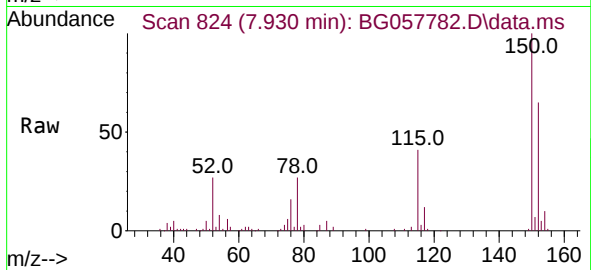




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.930 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG057782.D
Acq: 20 Jun 2023 19:01

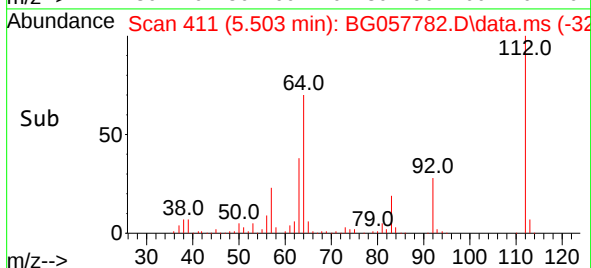
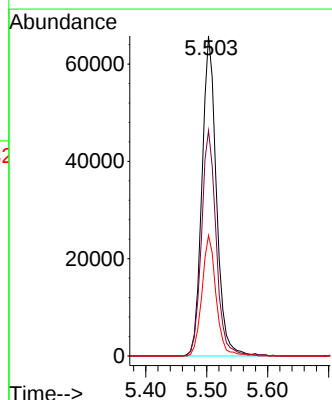
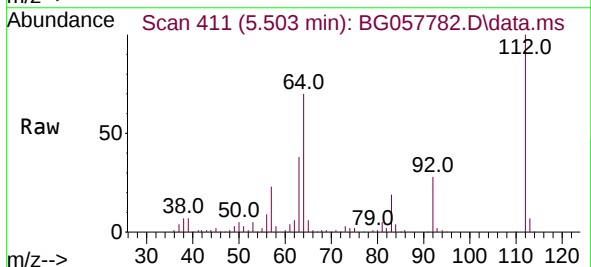
Instrument :
BNA_G
ClientSampleId :
COMPOSIT-SB-34

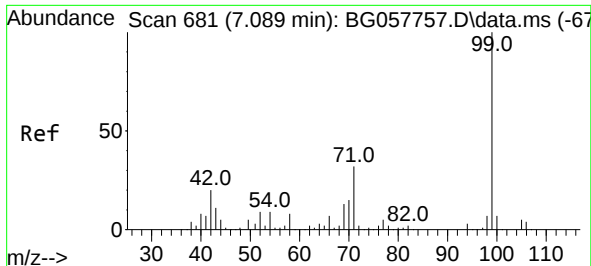
Tgt Ion:152 Resp: 52321
Ion Ratio Lower Upper
152 100
150 154.7 126.6 189.8
115 63.2 48.9 73.3



#5
2-Fluorophenol
Concen: 32.026 ng
RT: 5.503 min Scan# 411
Delta R.T. 0.006 min
Lab File: BG057782.D
Acq: 20 Jun 2023 19:01

Tgt Ion:112 Resp: 108674
Ion Ratio Lower Upper
112 100
64 70.4 62.1 93.1
63 37.7 31.5 47.3

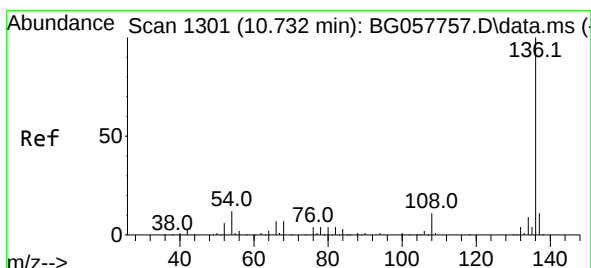
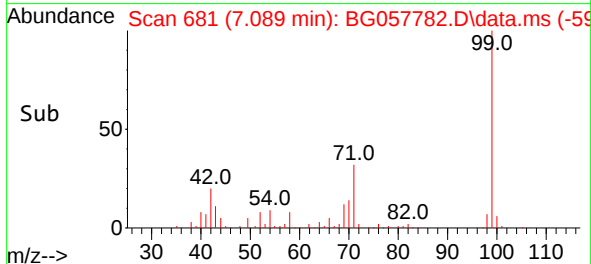
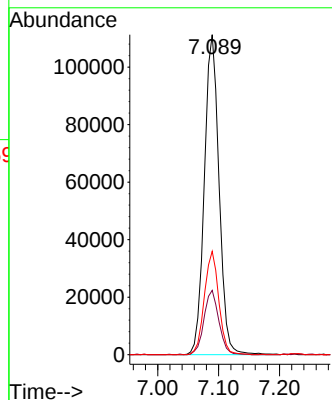
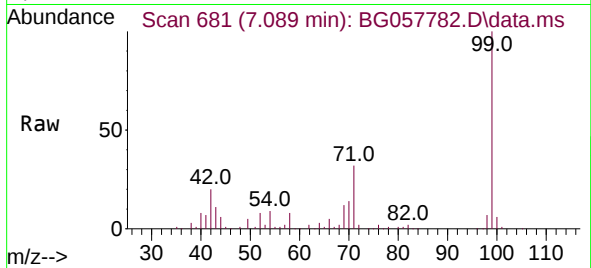




#7
Phenol-d6
Concen: 36.125 ng
RT: 7.089 min Scan# 681
Delta R.T. 0.000 min
Lab File: BG057782.D
Acq: 20 Jun 2023 19:01

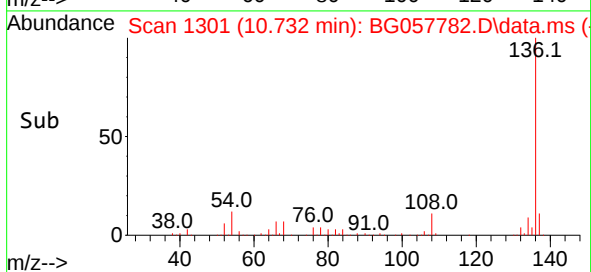
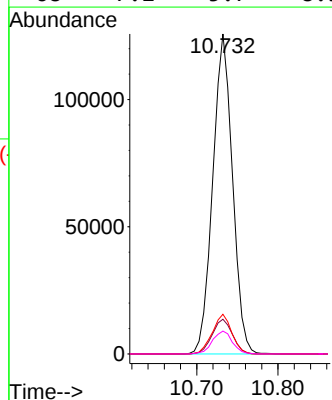
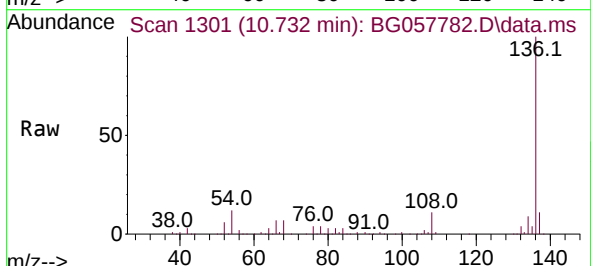
Instrument :
BNA_G
ClientSampleId :
COMPOSIT-SB-34

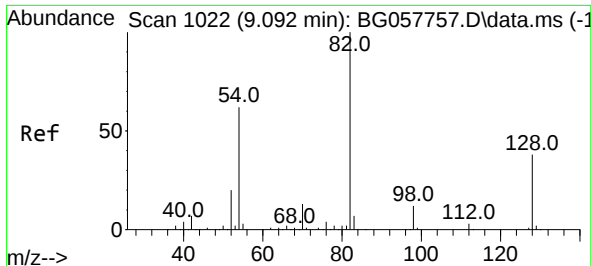
Tgt Ion: 99 Resp: 187043
Ion Ratio Lower Upper
99 100
42 20.1 16.4 24.6
71 32.3 25.8 38.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.732 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BG057782.D
Acq: 20 Jun 2023 19:01

Tgt Ion: 136 Resp: 212138
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 12.4 9.5 14.3
68 7.2 5.7 8.5





#23

Nitrobenzene-d5

Concen: 27.389 ng

RT: 9.087 min Scan# 1022

Delta R.T. -0.006 min

Lab File: BG057782.D

Acq: 20 Jun 2023 19:01

Instrument :

BNA_G

ClientSampleId :

COMPOSIT-SB-34

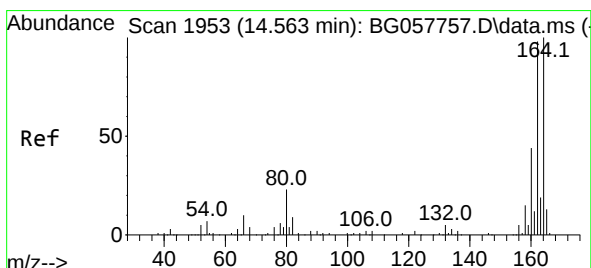
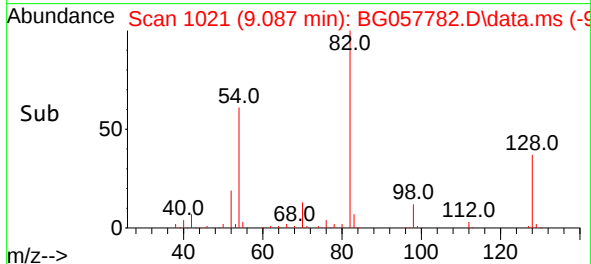
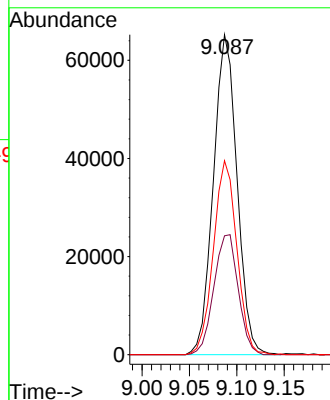
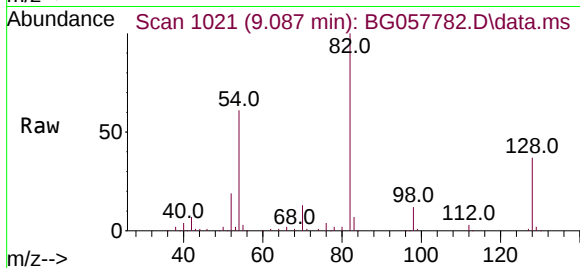
Tgt Ion: 82 Resp: 113207

Ion Ratio Lower Upper

82 100

128 37.1 30.7 46.1

54 60.6 49.6 74.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.563 min Scan# 1953

Delta R.T. 0.000 min

Lab File: BG057782.D

Acq: 20 Jun 2023 19:01

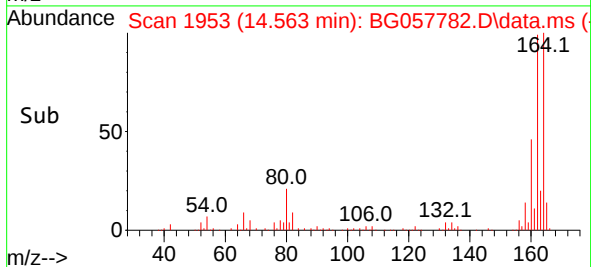
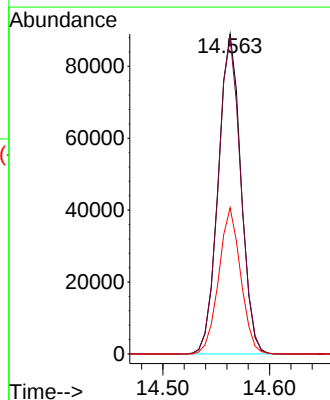
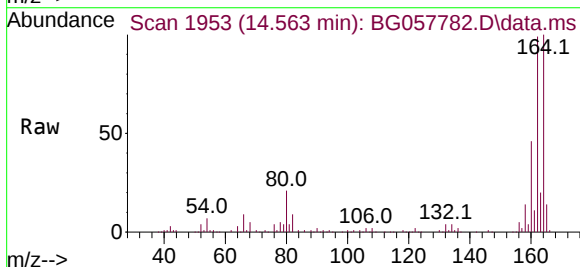
Tgt Ion:164 Resp: 130622

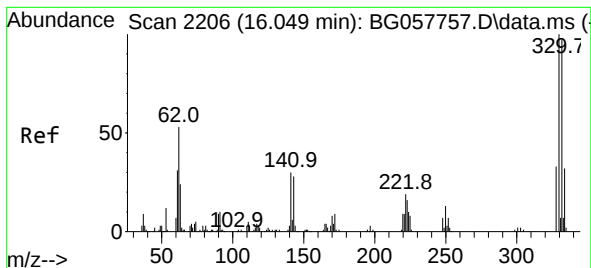
Ion Ratio Lower Upper

164 100

162 98.8 78.3 117.5

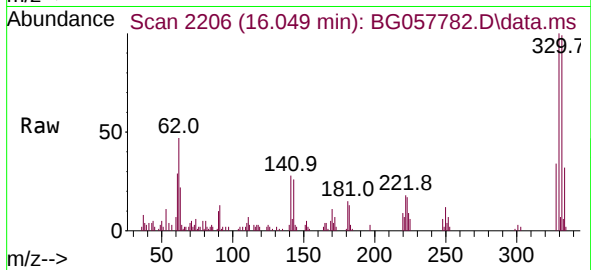
160 45.7 35.4 53.0



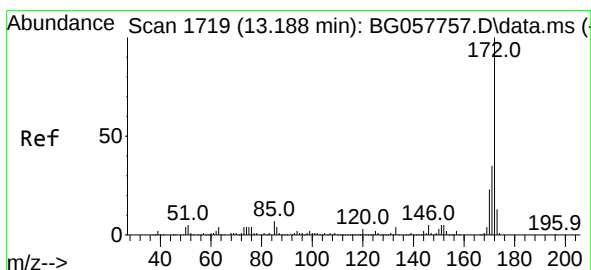
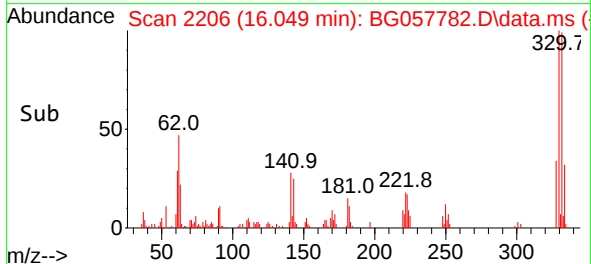
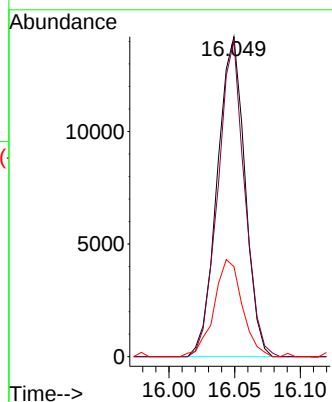


#42
2,4,6-Tribromophenol
Concen: 11.414 ng
RT: 16.049 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG057782.D
Acq: 20 Jun 2023 19:01

Instrument :
BNA_G
ClientSampleId :
COMPOSIT-SB-34

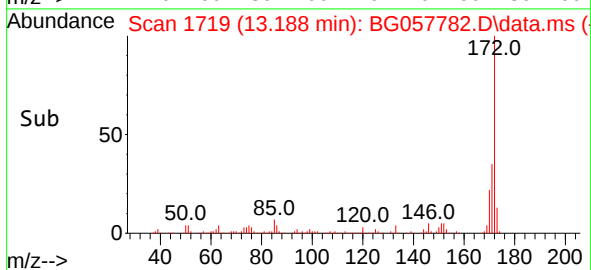
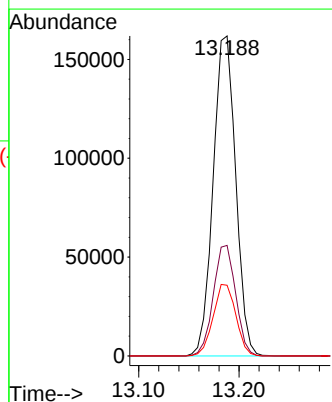
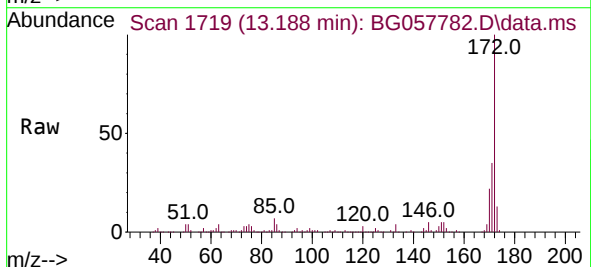


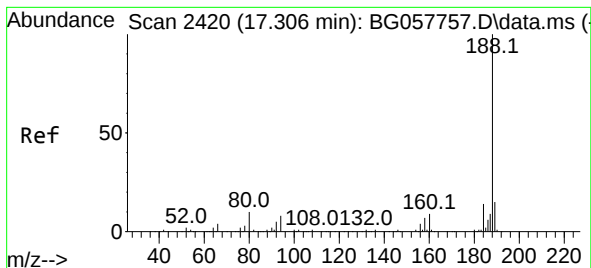
Tgt Ion:330 Resp: 20768
Ion Ratio Lower Upper
330 100
332 95.5 76.6 115.0
141 31.1 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 29.302 ng
RT: 13.188 min Scan# 1719
Delta R.T. 0.000 min
Lab File: BG057782.D
Acq: 20 Jun 2023 19:01

Tgt Ion:172 Resp: 252348
Ion Ratio Lower Upper
172 100
171 34.6 28.1 42.1
170 22.1 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.307 min Scan# 2420

Delta R.T. 0.000 min

Lab File: BG057782.D

Acq: 20 Jun 2023 19:01

Instrument :

BNA_G

ClientSampleId :

COMPOSIT-SB-34

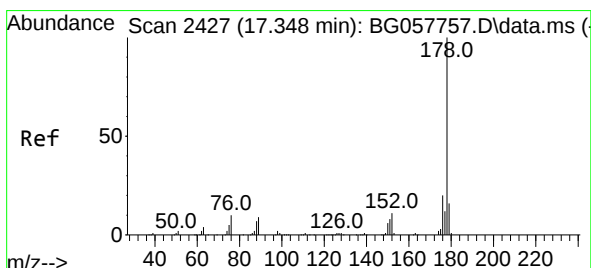
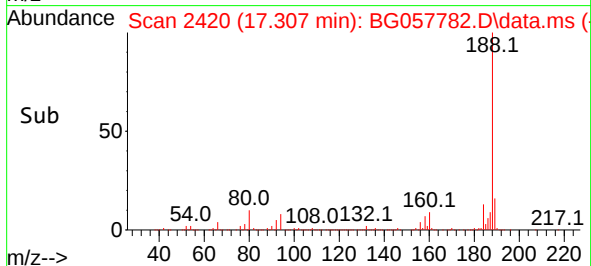
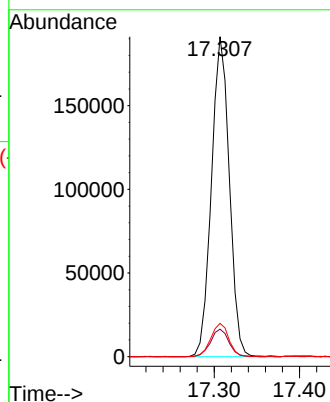
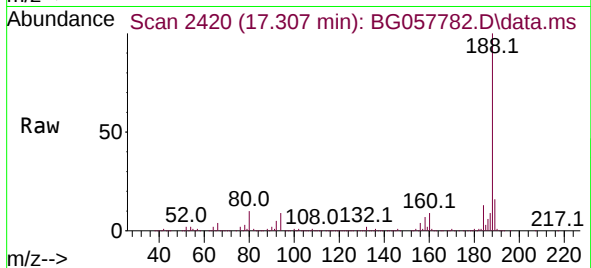
Tgt Ion:188 Resp: 278158

Ion Ratio Lower Upper

188 100

94 8.6 6.6 9.8

80 10.4 7.6 11.4



#71

Phenanthrene

Concen: 7.942 ng

RT: 17.348 min Scan# 2427

Delta R.T. 0.000 min

Lab File: BG057782.D

Acq: 20 Jun 2023 19:01

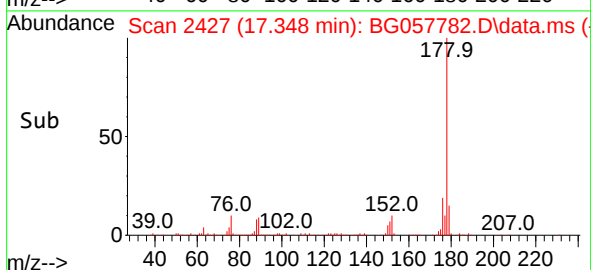
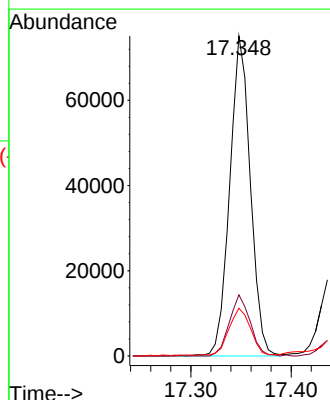
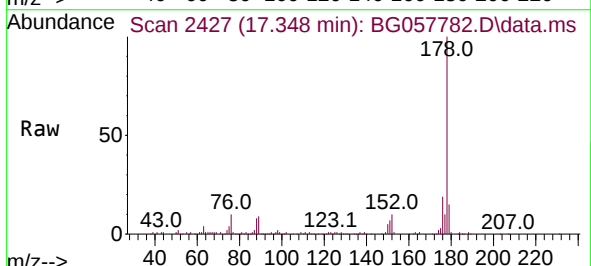
Tgt Ion:178 Resp: 106960

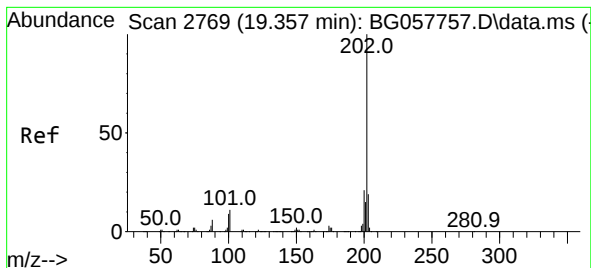
Ion Ratio Lower Upper

178 100

176 19.1 16.3 24.5

179 14.9 13.0 19.6





#75

Fluoranthene

Concen: 14.199 ng

RT: 19.363 min Scan# 21

Delta R.T. 0.006 min

Lab File: BG057782.D

Acq: 20 Jun 2023 19:01

Instrument :

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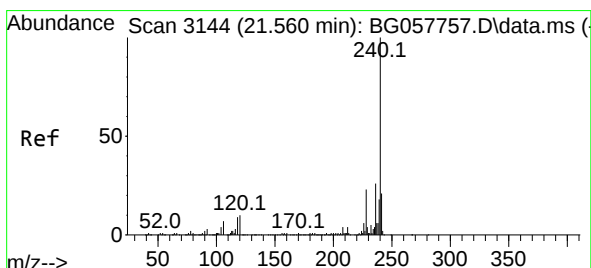
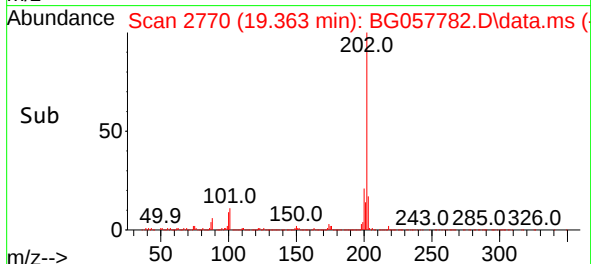
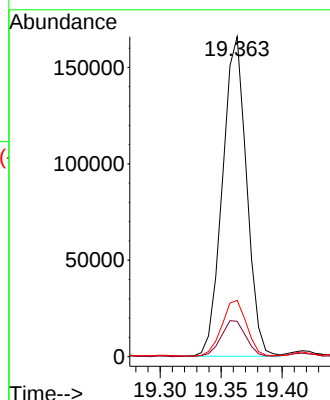
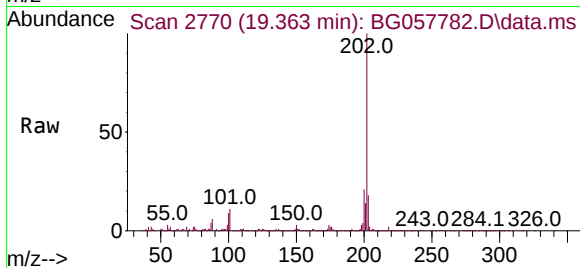
Tgt Ion:202 Resp: 227806

Ion Ratio Lower Upper

202 100

101 11.1 0.0 31.3

203 17.6 0.0 38.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.561 min Scan# 3144

Delta R.T. 0.000 min

Lab File: BG057782.D

Acq: 20 Jun 2023 19:01

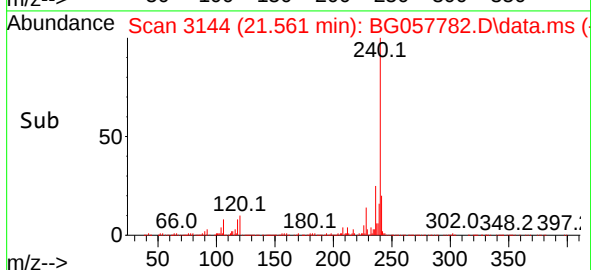
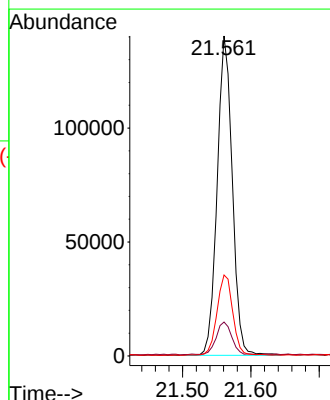
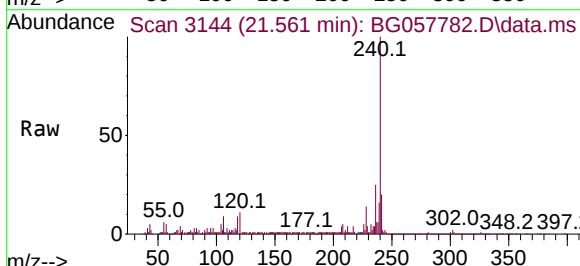
Tgt Ion:240 Resp: 215953

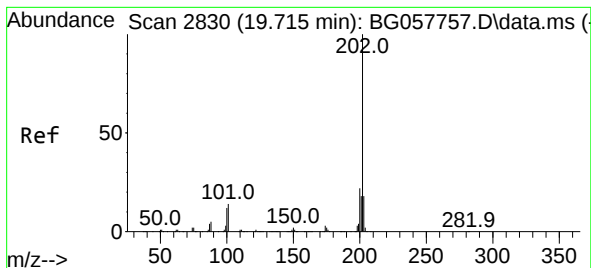
Ion Ratio Lower Upper

240 100

120 10.6 8.1 12.1

236 25.3 20.6 30.8





#78

Pyrene

Concen: 13.639 ng

RT: 19.722 min Scan# 2

Delta R.T. 0.006 min

Lab File: BG057782.D

Acq: 20 Jun 2023 19:01

Instrument :

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COMPOSIT-SB-34

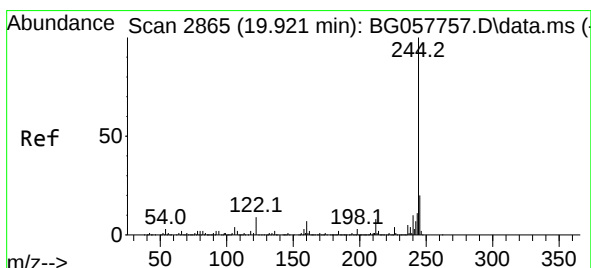
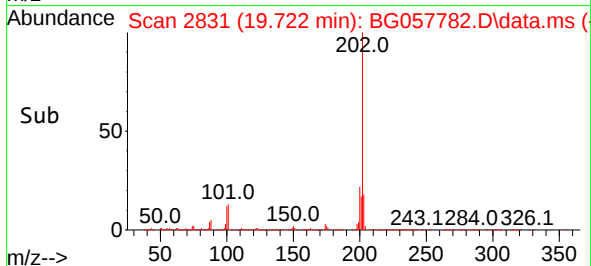
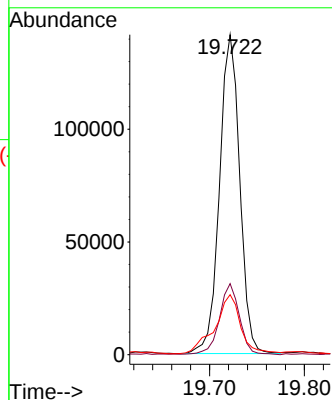
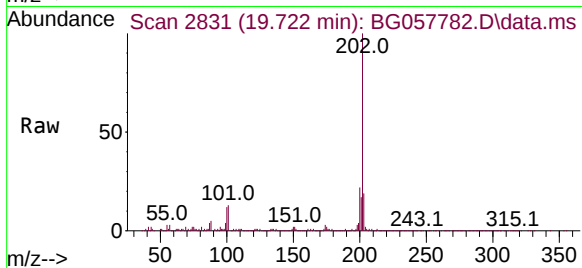
Tgt Ion:202 Resp: 210105

Ion Ratio Lower Upper

202 100

200 22.2 17.4 26.0

203 18.8 14.6 22.0



#79

Terphenyl-d14

Concen: 29.386 ng

RT: 19.921 min Scan# 2865

Delta R.T. 0.000 min

Lab File: BG057782.D

Acq: 20 Jun 2023 19:01

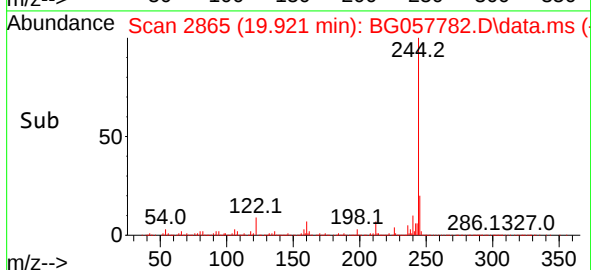
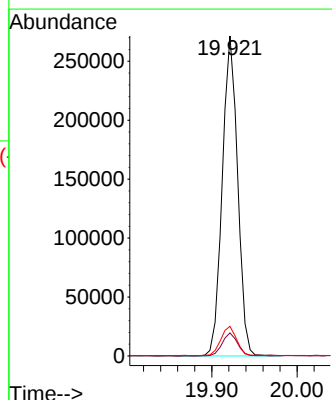
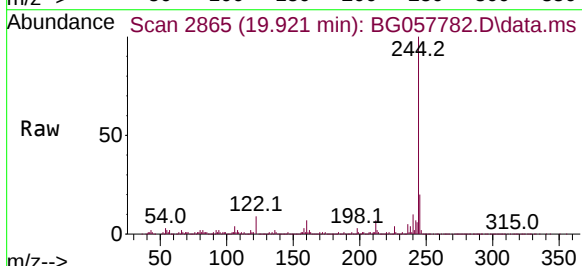
Tgt Ion:244 Resp: 340324

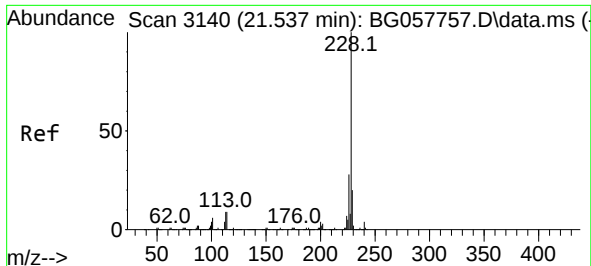
Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

122 9.2 7.6 11.4

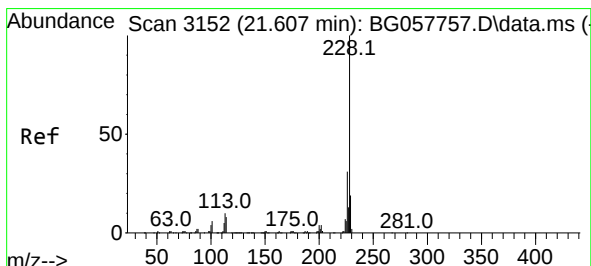
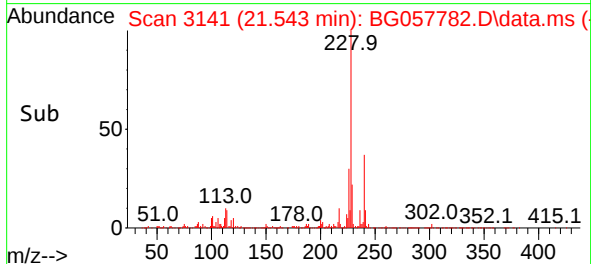
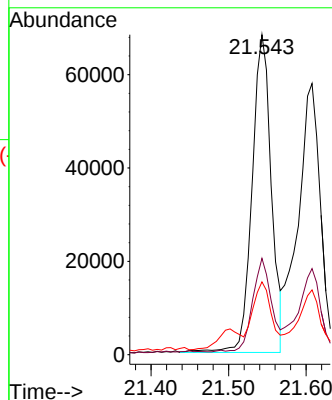
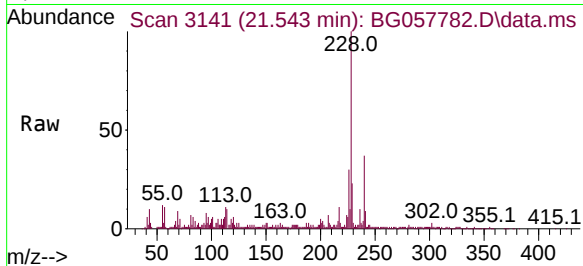




#81
Benzo(a)anthracene
Concen: 7.919 ng
RT: 21.543 min Scan# 3141
Delta R.T. 0.006 min
Lab File: BG057782.D
Acq: 20 Jun 2023 19:01

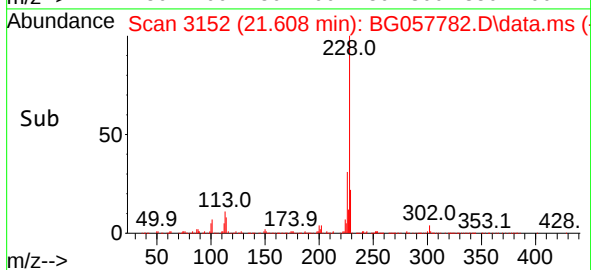
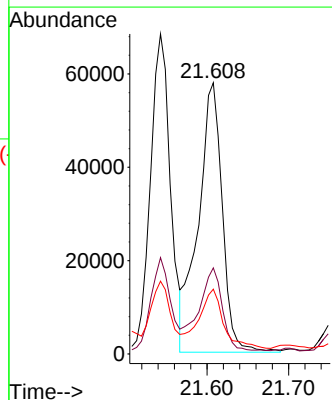
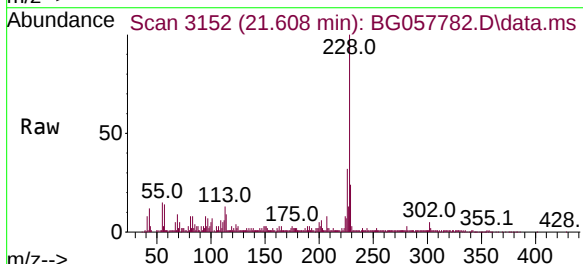
Instrument :
BNA_G
ClientSampleId :
COMPOSIT-SB-34

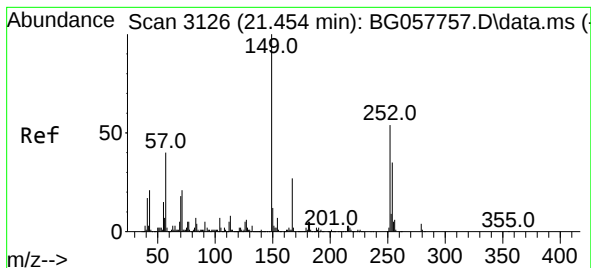
Tgt Ion:228 Resp: 117335
Ion Ratio Lower Upper
228 100
226 30.1 22.3 33.5
229 22.7 16.3 24.5



#83
Chrysene
Concen: 8.352 ng m
RT: 21.608 min Scan# 3152
Delta R.T. 0.000 min
Lab File: BG057782.D
Acq: 20 Jun 2023 19:01

Tgt Ion:228 Resp: 118752
Ion Ratio Lower Upper
228 100
226 31.7 24.8 37.2
229 23.9 15.6 23.4#

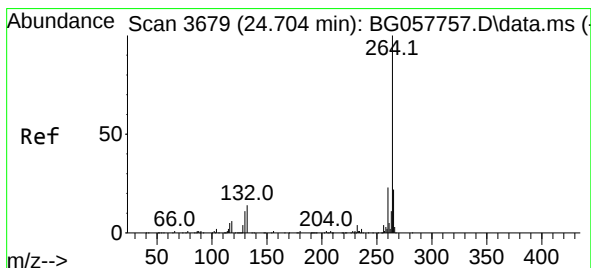
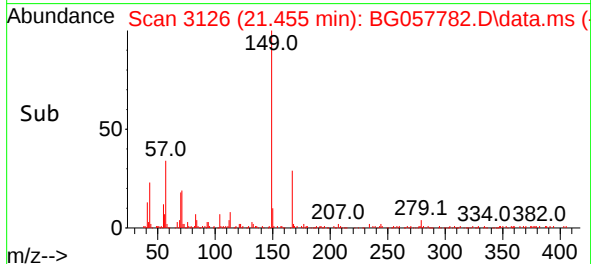
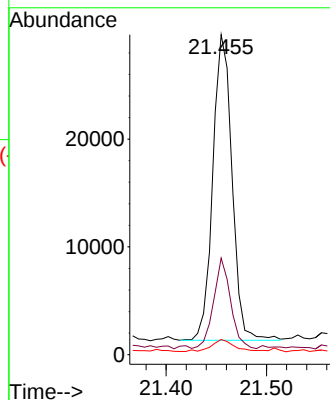
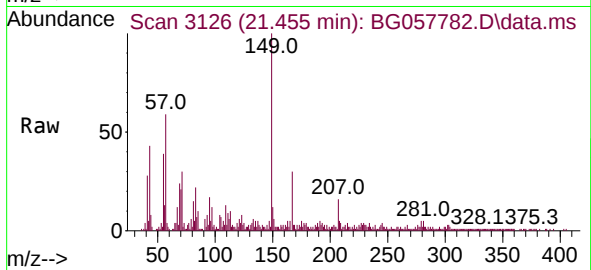




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.439 ng
RT: 21.455 min Scan# 3126
Delta R.T. 0.000 min
Lab File: BG057782.D
Acq: 20 Jun 2023 19:01

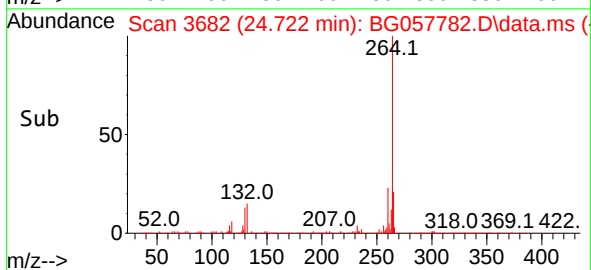
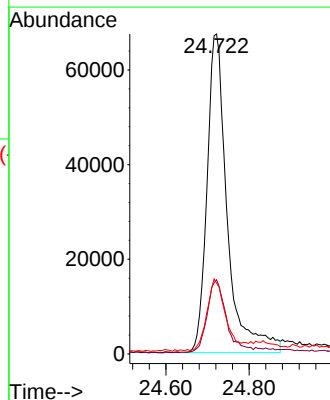
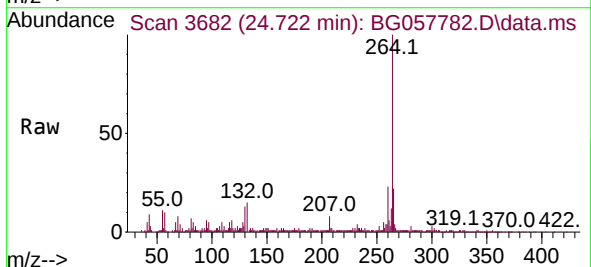
Instrument :
BNA_G
ClientSampleId :
COMPOSIT-SB-34

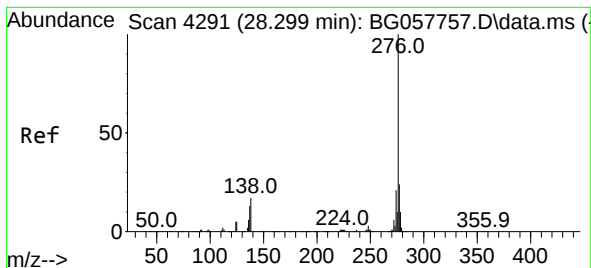
Tgt Ion:149 Resp: 37772
Ion Ratio Lower Upper
149 100
167 30.2 21.8 32.8
279 4.7 2.9 4.3#



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.722 min Scan# 3682
Delta R.T. 0.018 min
Lab File: BG057782.D
Acq: 20 Jun 2023 19:01

Tgt Ion:264 Resp: 228315
Ion Ratio Lower Upper
264 100
260 23.2 18.5 27.7
265 22.2 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 2.809 ng

RT: 28.311 min Scan# 41

Delta R.T. 0.012 min

Lab File: BG057782.D

Acq: 20 Jun 2023 19:01

Instrument :

BNA_G

ClientSampleId :

COMPOSIT-SB-34

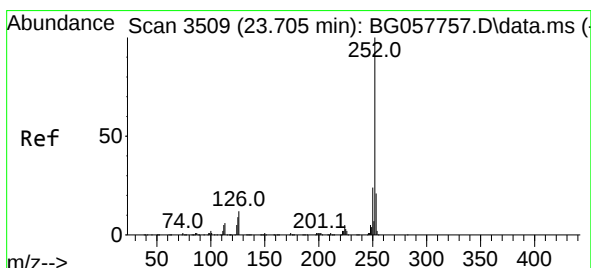
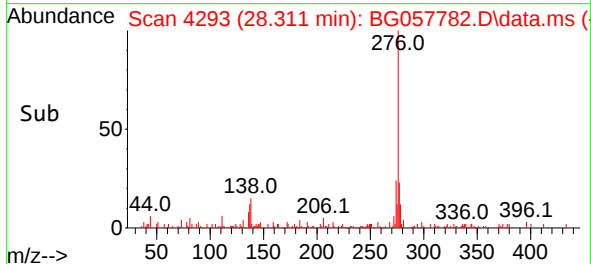
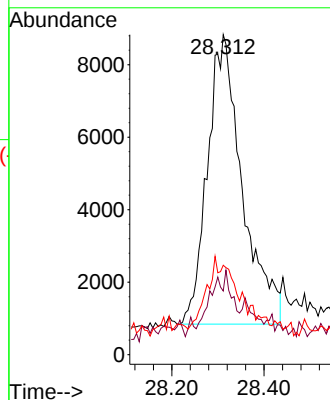
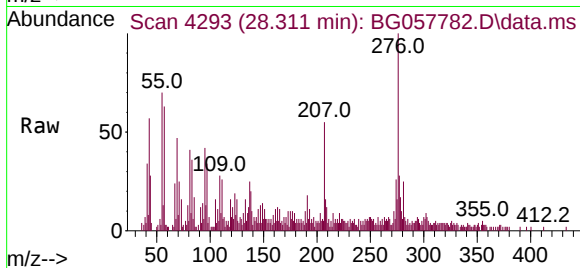
Tgt Ion:276 Resp: 41934

Ion Ratio Lower Upper

276 100

138 7.0 11.3 16.9#

277 9.7 20.4 30.6#



#88

Benzo(b)fluoranthene

Concen: 11.564 ng

RT: 23.717 min Scan# 3511

Delta R.T. 0.012 min

Lab File: BG057782.D

Acq: 20 Jun 2023 19:01

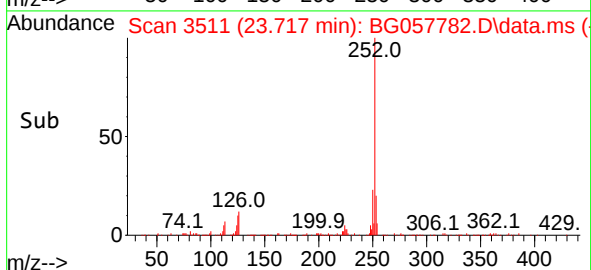
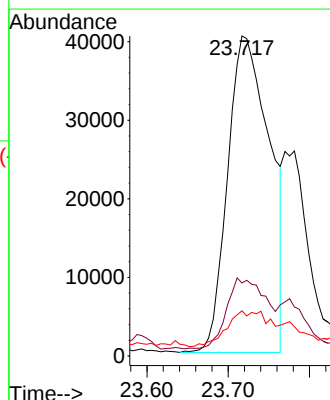
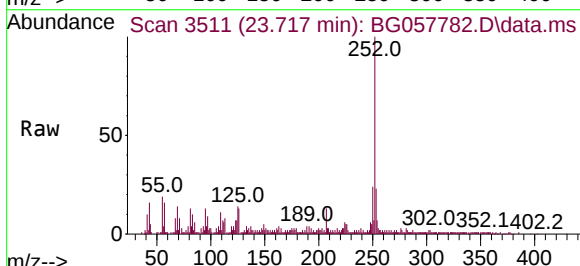
Tgt Ion:252 Resp: 144680

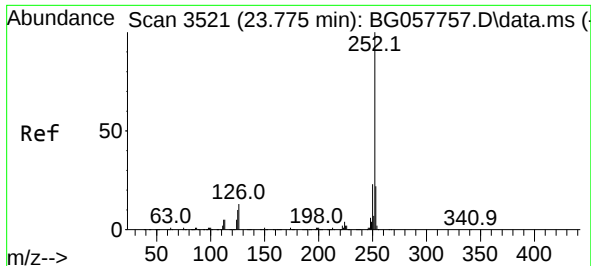
Ion Ratio Lower Upper

252 100

253 22.8 17.1 25.7

125 14.1 7.4 11.0#

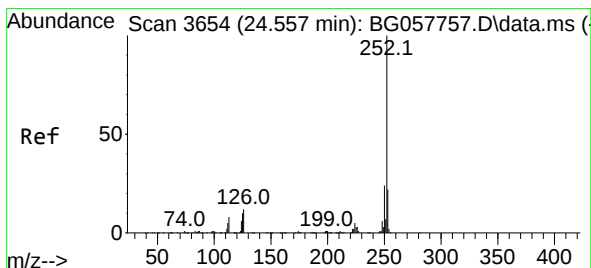
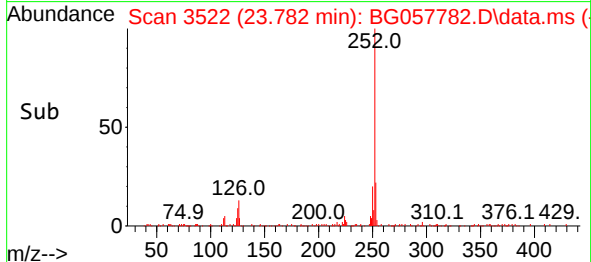
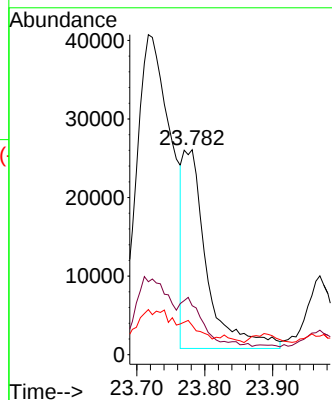
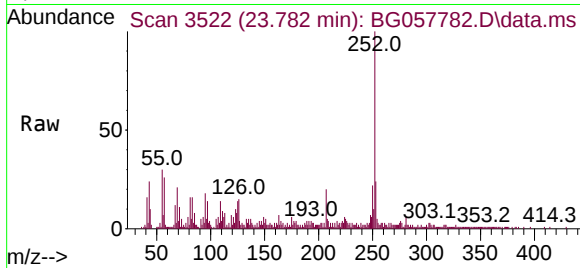




#89
Benzo(k)fluoranthene
Concen: 4.815 ng m
RT: 23.782 min Scan# 31
Delta R.T. 0.006 min
Lab File: BG057782.D
Acq: 20 Jun 2023 19:01

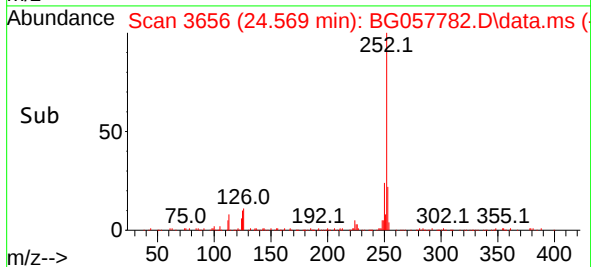
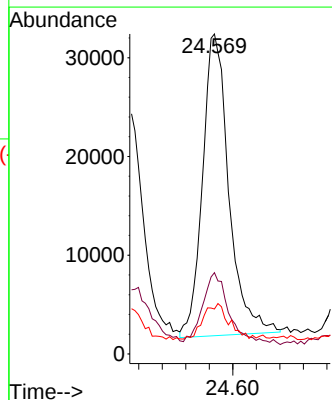
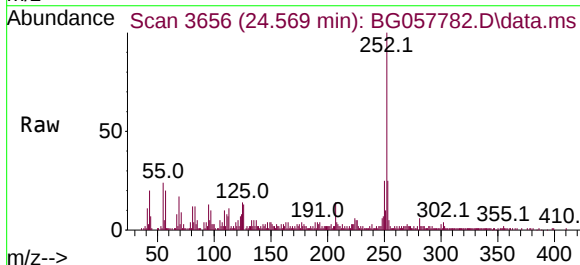
Instrument :
BNA_G
ClientSampleId :
COMPOSIT-SB-34

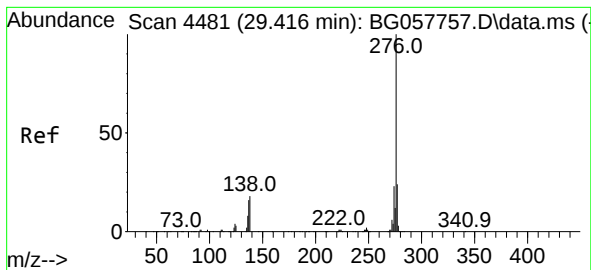
Tgt Ion:252 Resp: 61350
Ion Ratio Lower Upper
252 100
253 23.9 18.0 27.0
125 14.3 7.6 11.4#



#90
Benzo(a)pyrene
Concen: 7.734 ng
RT: 24.569 min Scan# 3656
Delta R.T. 0.012 min
Lab File: BG057782.D
Acq: 20 Jun 2023 19:01

Tgt Ion:252 Resp: 95035
Ion Ratio Lower Upper
252 100
253 25.4 17.4 26.2
125 14.1 8.0 12.0#





#92

Benzo(g,h,i)perylene

Concen: 3.366 ng m

RT: 29.428 min Scan# 44

Delta R.T. 0.012 min

Lab File: BG057782.D

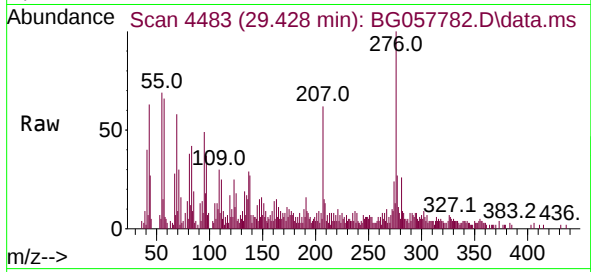
Acq: 20 Jun 2023 19:01

Instrument :

BNA_G

ClientSampleId :

COMPOSIT-SB-34



Tgt Ion:276 Resp: 41744

Ion Ratio Lower Upper

276 100

277 27.0 19.4 29.0

138 27.0 14.2 21.4#

