

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062223\
 Data File : BG057806.D
 Acq On : 22 Jun 2023 12:21
 Operator : CG/JU
 Sample : 03290-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-3

Quant Time: Jun 22 13:31:08 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	7.920	152	30628	20.000	ng	0.00
21) Naphthalene-d8	10.722	136	142473	20.000	ng	0.00
39) Acenaphthene-d10	14.553	164	106888	20.000	ng	0.00
64) Phenanthrene-d10	17.297	188	273849	20.000	ng	0.00
76) Chrysene-d12	21.551	240	239166	20.000	ng	0.00
86) Perylene-d12	24.700	264	290249	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	224089	112.813	ng	0.00
7) Phenol-d6	7.079	99	338423	111.657	ng	0.00
23) Nitrobenzene-d5	9.083	82	194418	70.036	ng	0.00
42) 2,4,6-Tribromophenol	16.039	330	169737	113.998	ng	0.00
45) 2-Fluorobiphenyl	13.178	172	485521	68.896	ng	0.00
79) Terphenyl-d14	19.917	244	896724	69.913	ng	0.00

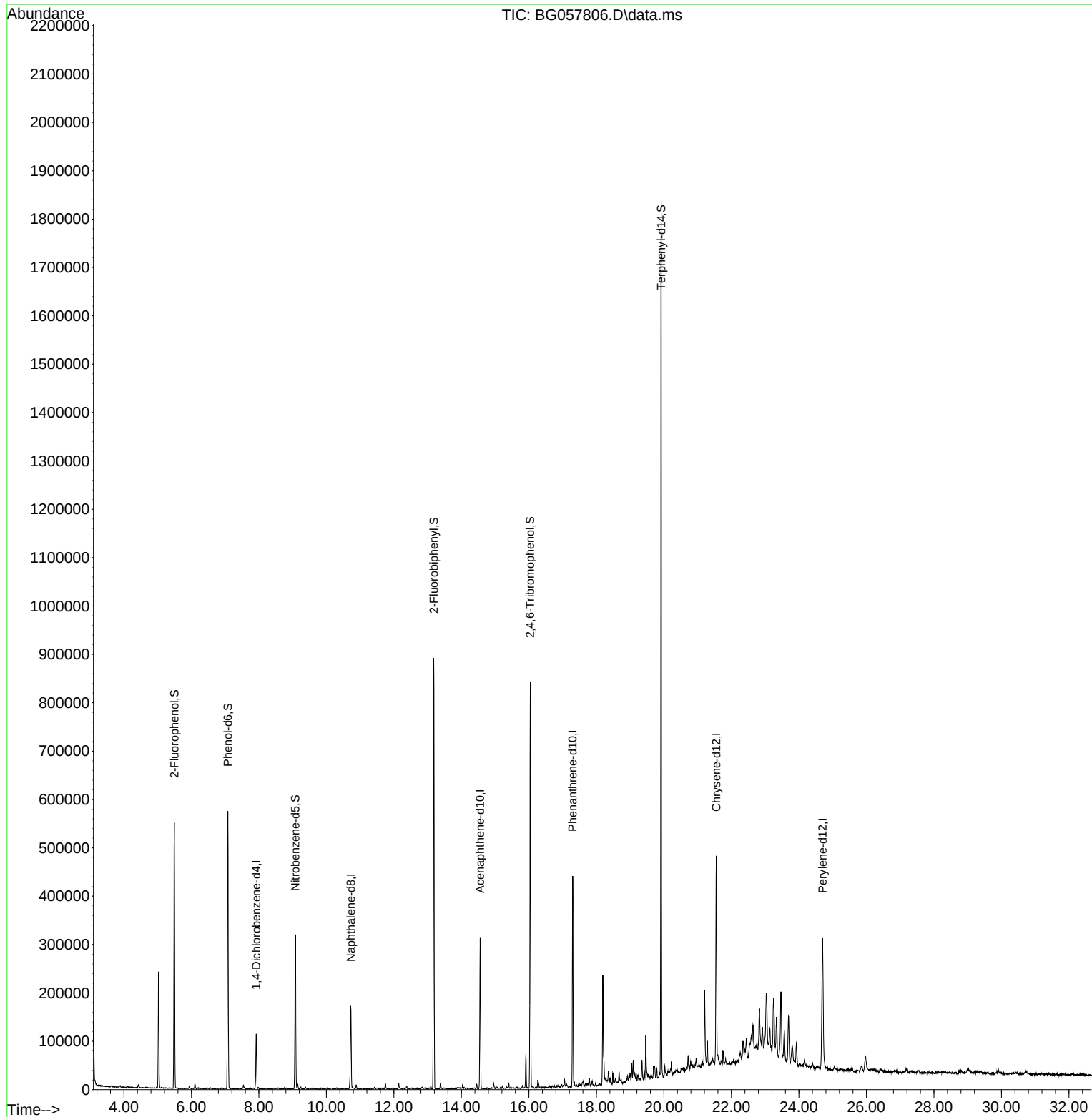
Target Compounds	Qvalue

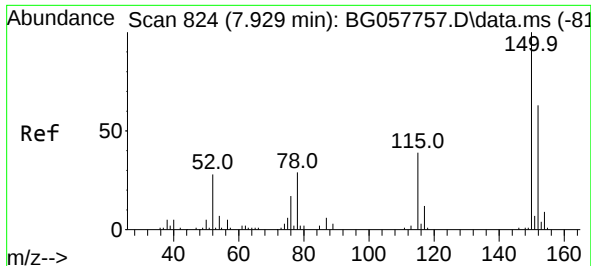
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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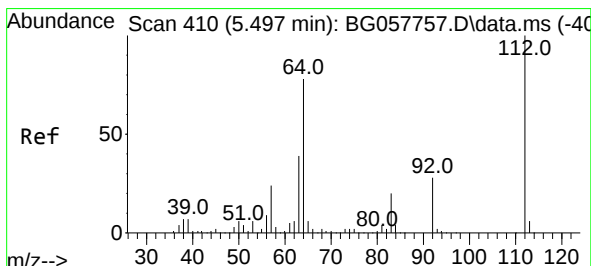
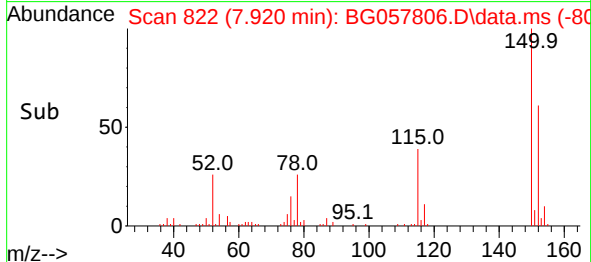
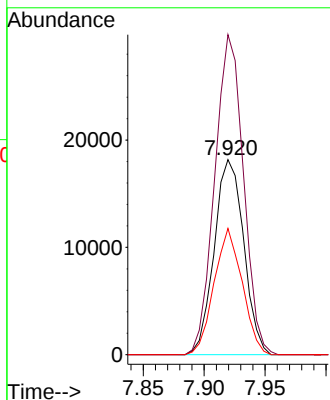
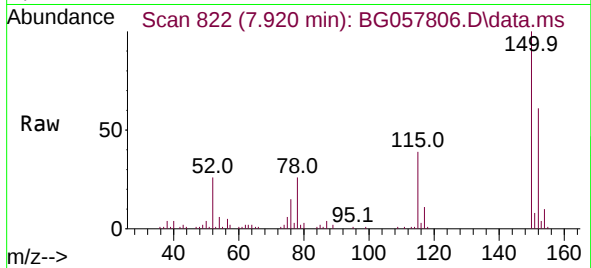




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.920 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG057806.D
Acq: 22 Jun 2023 12:21

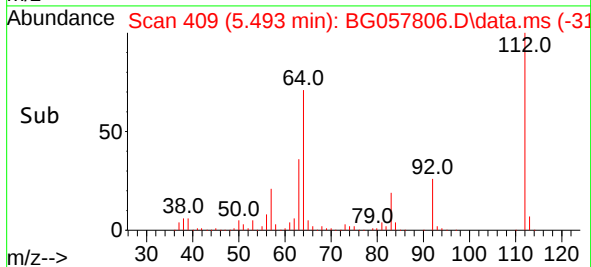
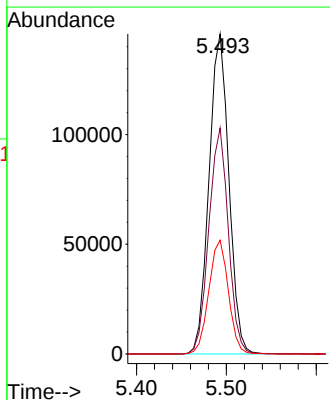
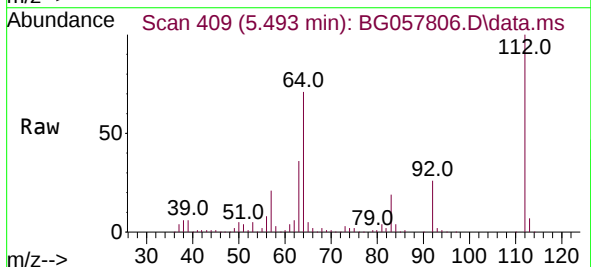
Instrument :
BNA_G
ClientSampleId :
SB-3

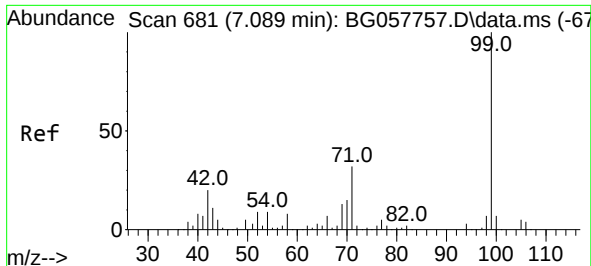
Tgt Ion:152 Resp: 30628
Ion Ratio Lower Upper
152 100
150 164.1 126.6 189.8
115 64.8 48.9 73.3



#5
2-Fluorophenol
Concen: 112.813 ng
RT: 5.493 min Scan# 409
Delta R.T. -0.004 min
Lab File: BG057806.D
Acq: 22 Jun 2023 12:21

Tgt Ion:112 Resp: 224089
Ion Ratio Lower Upper
112 100
64 70.6 62.1 93.1
63 35.6 31.5 47.3

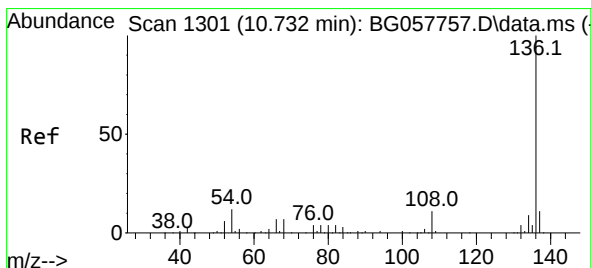
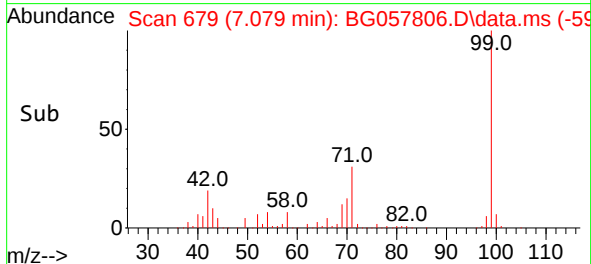
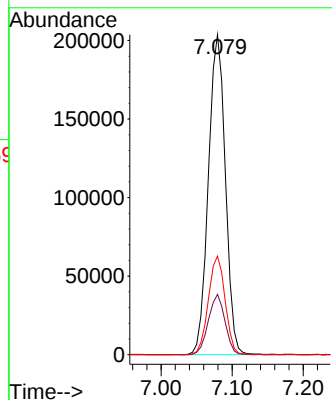
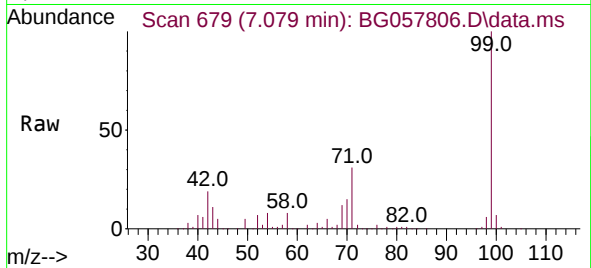




#7
Phenol-d6
Concen: 111.657 ng
RT: 7.079 min Scan# 61
Delta R.T. -0.010 min
Lab File: BG057806.D
Acq: 22 Jun 2023 12:21

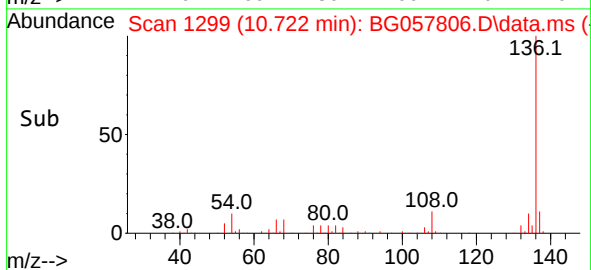
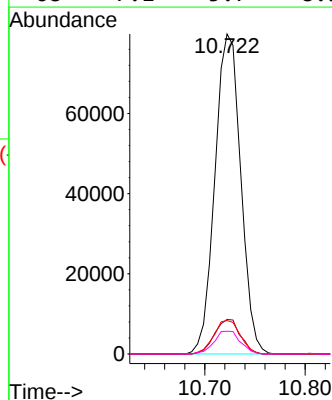
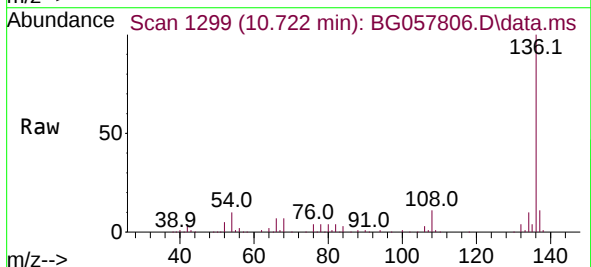
Instrument :
BNA_G
ClientSampleId :
SB-3

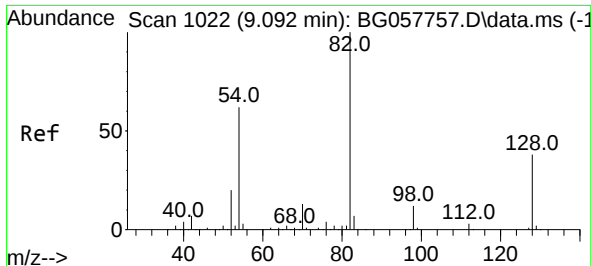
Tgt Ion: 99 Resp: 338423
Ion Ratio Lower Upper
99 100
42 18.9 16.4 24.6
71 30.8 25.8 38.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.722 min Scan# 1299
Delta R.T. -0.010 min
Lab File: BG057806.D
Acq: 22 Jun 2023 12:21

Tgt Ion: 136 Resp: 142473
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 10.4 9.5 14.3
68 7.1 5.7 8.5





#23

Nitrobenzene-d5

Concen: 70.036 ng

RT: 9.083 min Scan# 1020

Delta R.T. -0.010 min

Lab File: BG057806.D

Acq: 22 Jun 2023 12:21

Instrument :

BNA_G

ClientSampleId :

SB-3

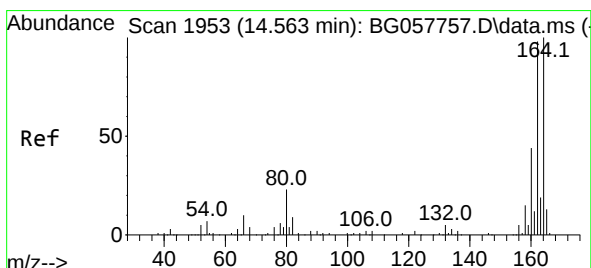
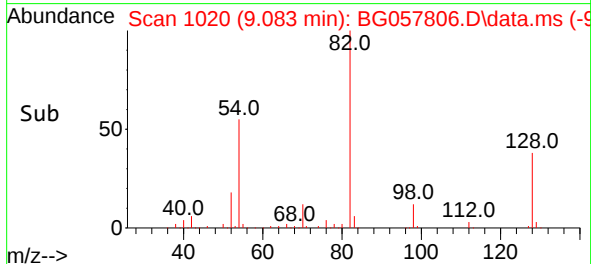
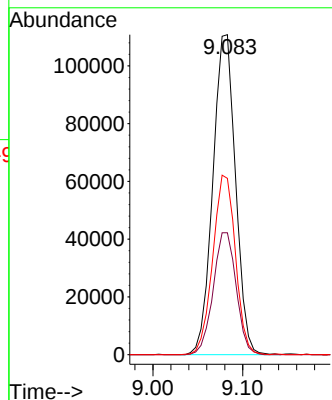
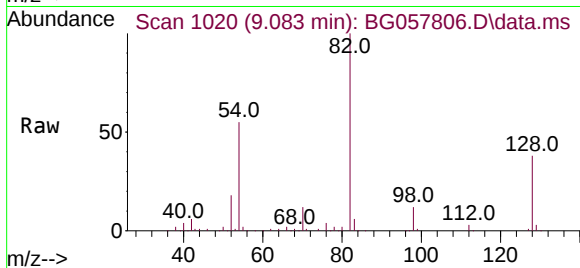
Tgt Ion: 82 Resp: 194418

Ion Ratio Lower Upper

82 100

128 38.1 30.7 46.1

54 55.1 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: BG057806.D

Acq: 22 Jun 2023 12:21

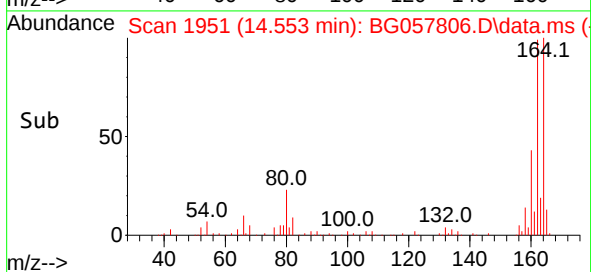
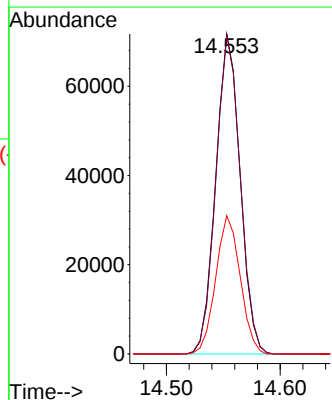
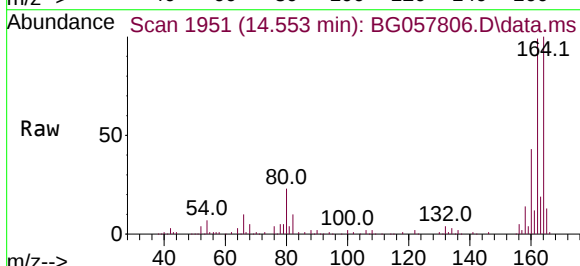
Tgt Ion:164 Resp: 106888

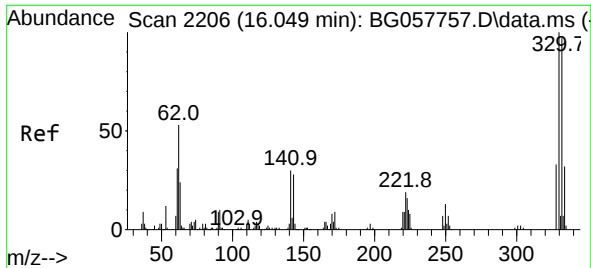
Ion Ratio Lower Upper

164 100

162 99.4 78.3 117.5

160 43.2 35.4 53.0

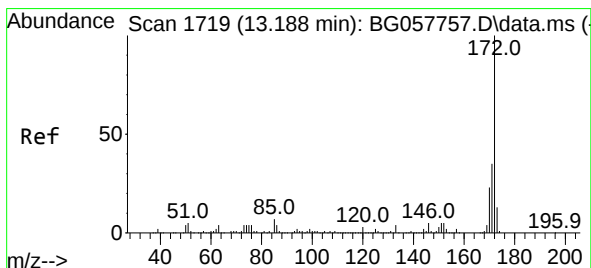
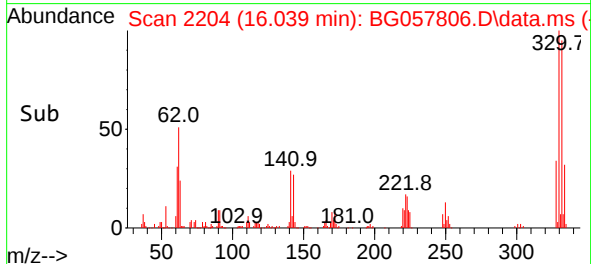
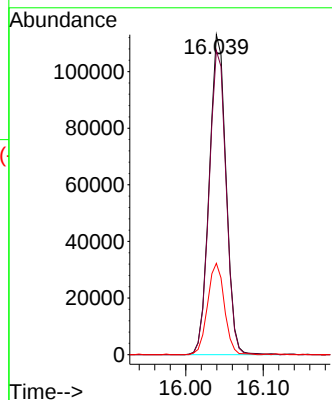
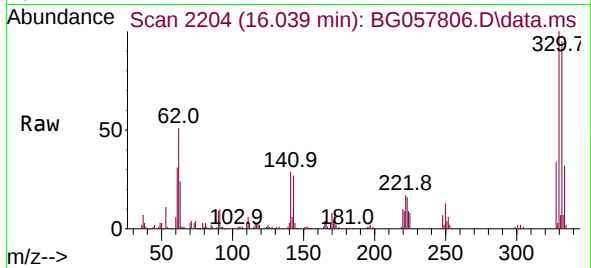




#42
 2,4,6-Tribromophenol
 Concen: 113.998 ng
 RT: 16.039 min Scan# 21
 Delta R.T. -0.010 min
 Lab File: BG057806.D
 Acq: 22 Jun 2023 12:21

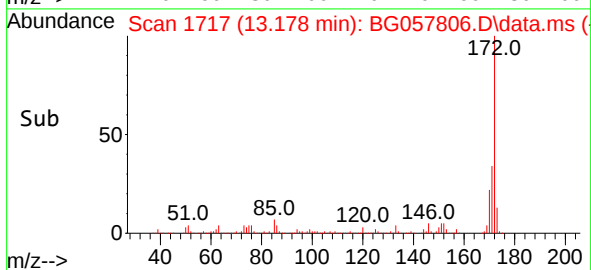
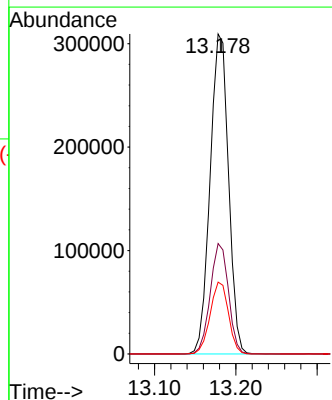
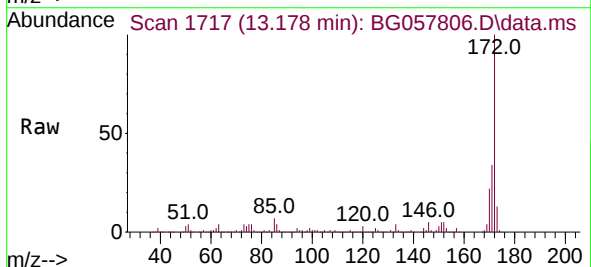
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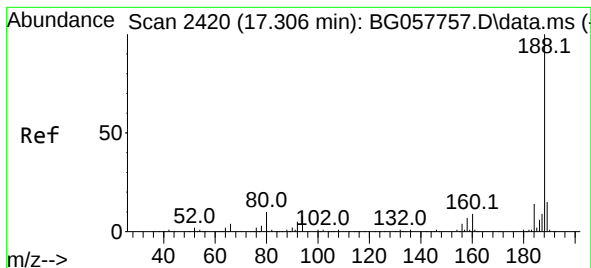
Tgt Ion:330 Resp: 169737
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.6 115.0
 141 28.6 24.7 37.1



#45
 2-Fluorobiphenyl
 Concen: 68.896 ng
 RT: 13.178 min Scan# 1717
 Delta R.T. -0.010 min
 Lab File: BG057806.D
 Acq: 22 Jun 2023 12:21

Tgt Ion:172 Resp: 485521
 Ion Ratio Lower Upper
 172 100
 171 34.5 28.1 42.1
 170 22.5 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: BG057806.D

Acq: 22 Jun 2023 12:21

Instrument :

BNA_G

ClientSampleId :

SB-3

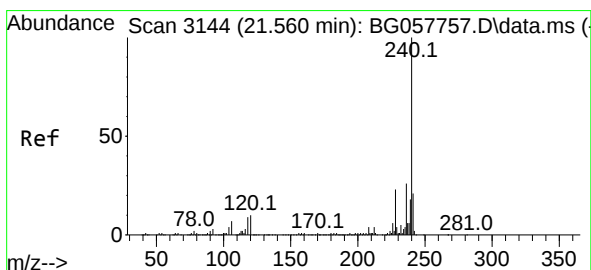
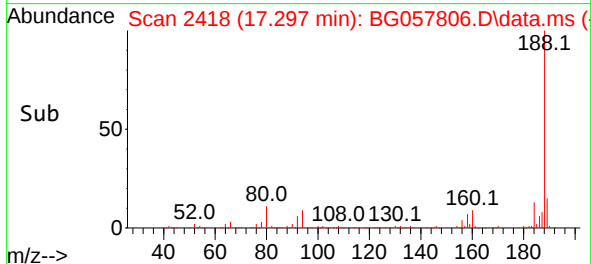
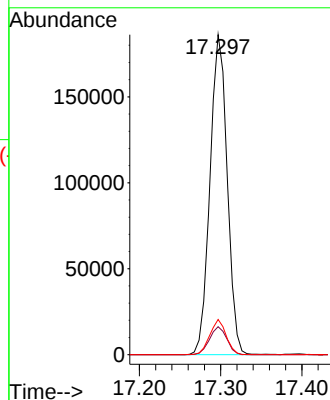
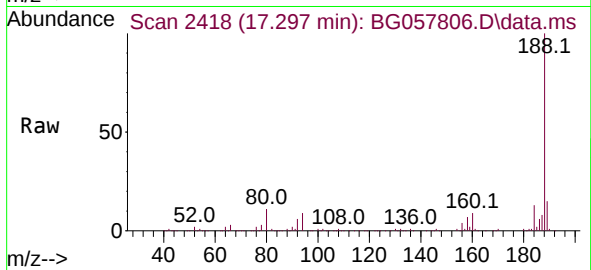
Tgt Ion:188 Resp: 273849

Ion Ratio Lower Upper

188 100

94 8.7 6.6 9.8

80 11.0 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.551 min Scan# 3142

Delta R.T. -0.010 min

Lab File: BG057806.D

Acq: 22 Jun 2023 12:21

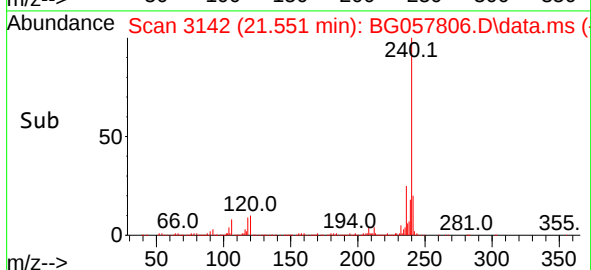
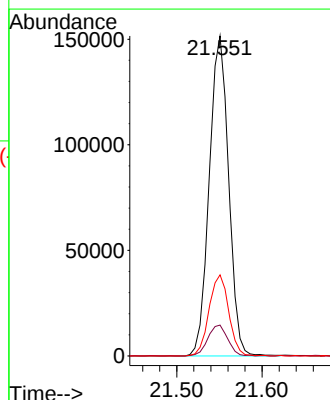
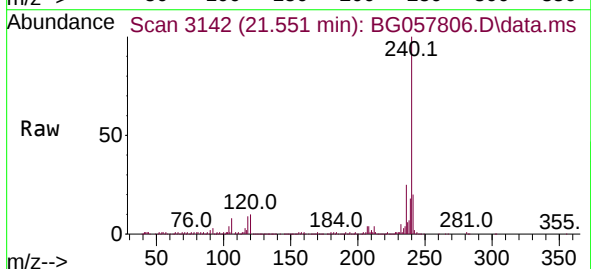
Tgt Ion:240 Resp: 239166

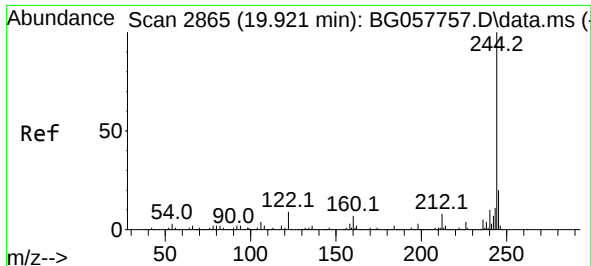
Ion Ratio Lower Upper

240 100

120 9.6 8.1 12.1

236 25.3 20.6 30.8

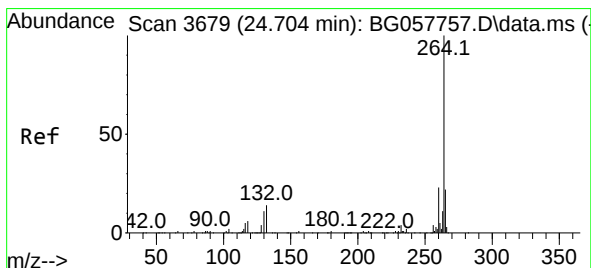
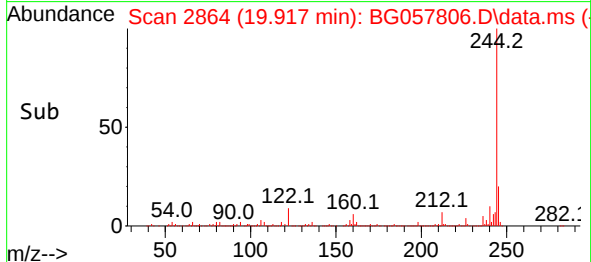
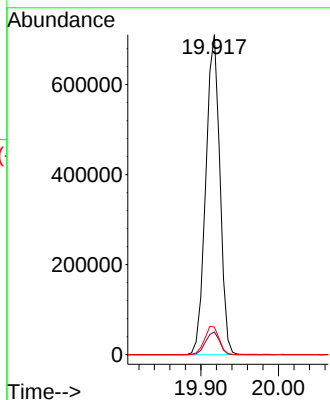
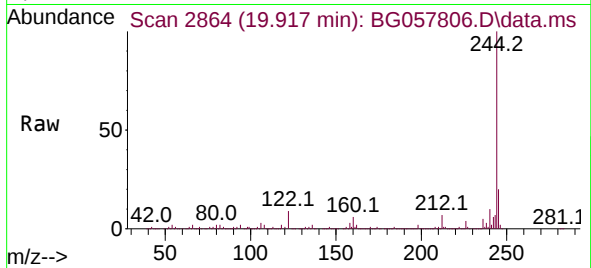




#79
 Terphenyl-d14
 Concen: 69.913 ng
 RT: 19.917 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG057806.D
 Acq: 22 Jun 2023 12:21

Instrument :
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 ClientSampleId :
 SB-3

Tgt Ion:244 Resp: 896724
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 8.7 7.6 11.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.700 min Scan# 3678
 Delta R.T. -0.004 min
 Lab File: BG057806.D
 Acq: 22 Jun 2023 12:21

Tgt Ion:264 Resp: 290249
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.5 27.7
 265 22.0 17.4 26.2

