

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062123\
 Data File : BG057799.D
 Acq On : 22 Jun 2023 00:58
 Operator : CG/JU
 Sample : 03302-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-2

Quant Time: Jun 22 04:56:16 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	7.921	152	30208	20.000	ng	0.00
21) Naphthalene-d8	10.723	136	135146	20.000	ng	0.00
39) Acenaphthene-d10	14.554	164	99580	20.000	ng	0.00
64) Phenanthrene-d10	17.298	188	274668	20.000	ng	0.00
76) Chrysene-d12	21.552	240	244475	20.000	ng	0.00
86) Perylene-d12	24.701	264	298404	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.488	112	172876	88.241	ng	0.00
7) Phenol-d6	7.080	99	266608	89.186	ng	0.00
23) Nitrobenzene-d5	9.078	82	148929	56.558	ng	-0.01
42) 2,4,6-Tribromophenol	16.040	330	133735	96.410	ng	0.00
45) 2-Fluorobiphenyl	13.179	172	356794	54.345	ng	0.00
79) Terphenyl-d14	19.918	244	767545	58.542	ng	0.00

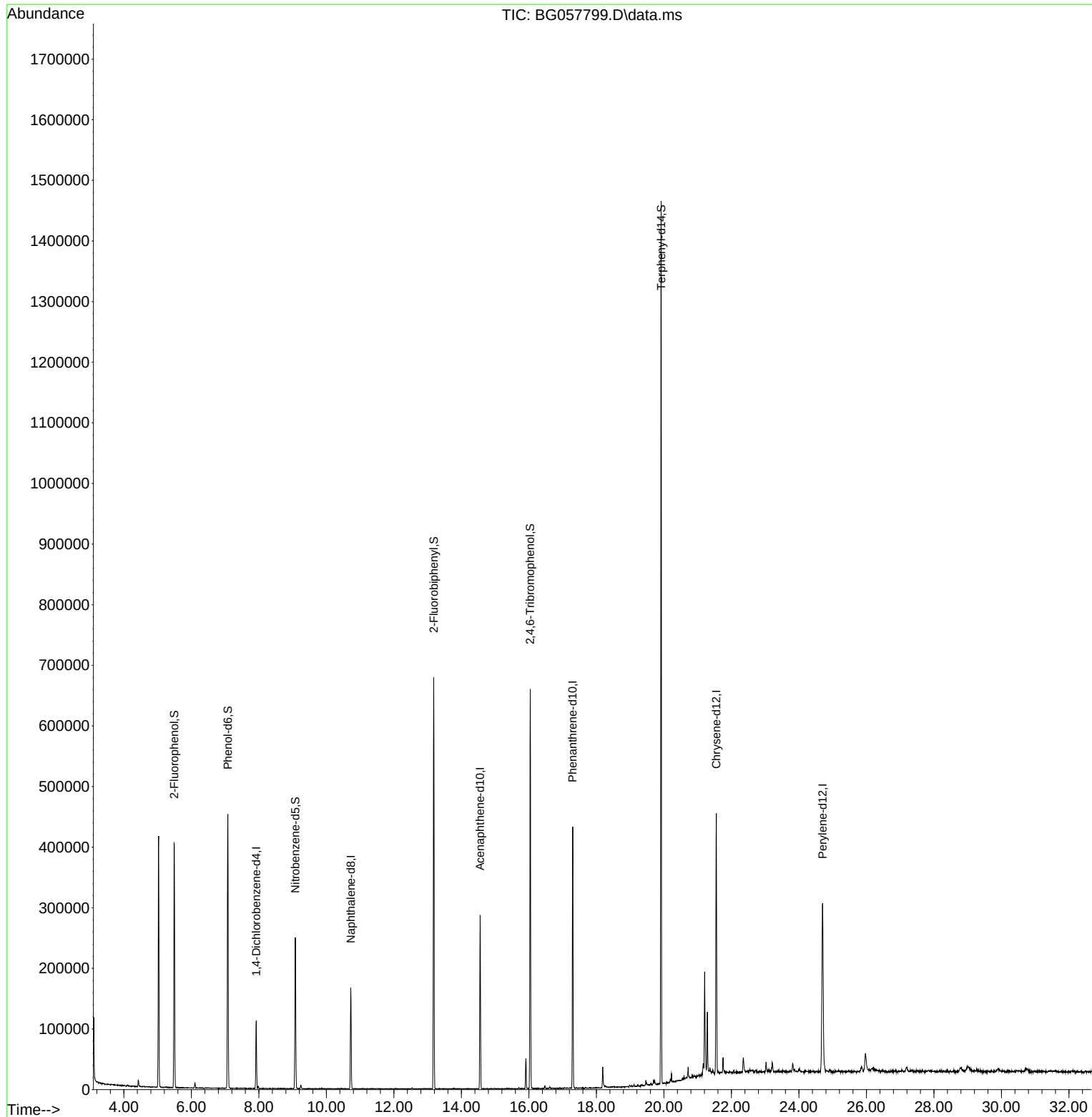
Target Compounds	Qvalue

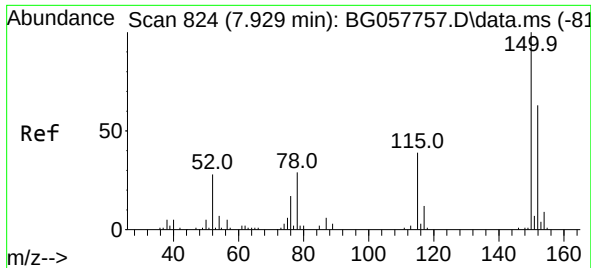
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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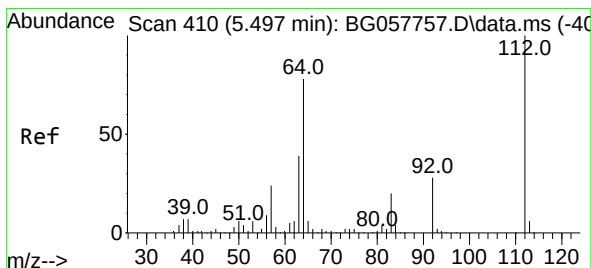
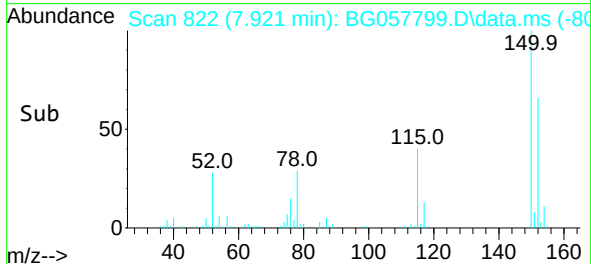
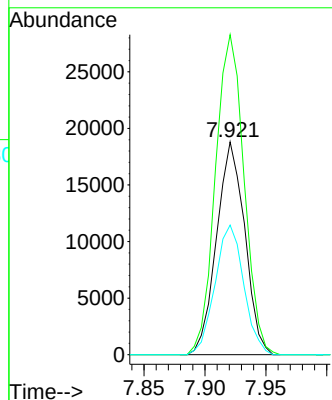
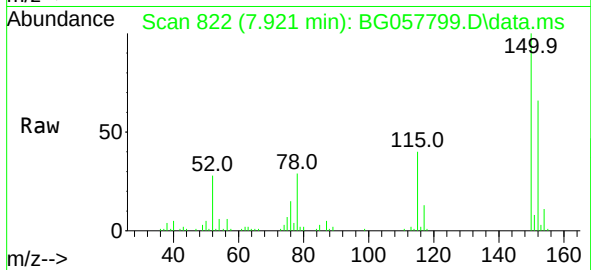




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.921 min Scan# 81
Delta R.T. -0.008 min
Lab File: BG057799.D
Acq: 22 Jun 2023 00:58

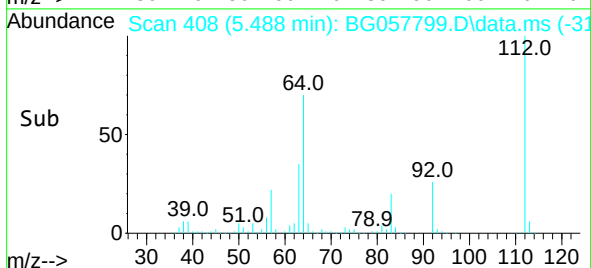
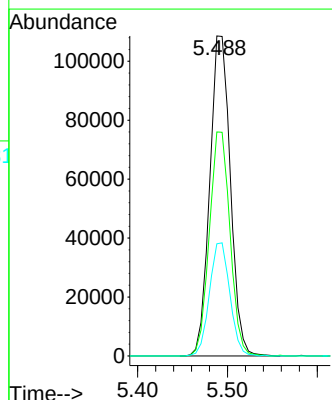
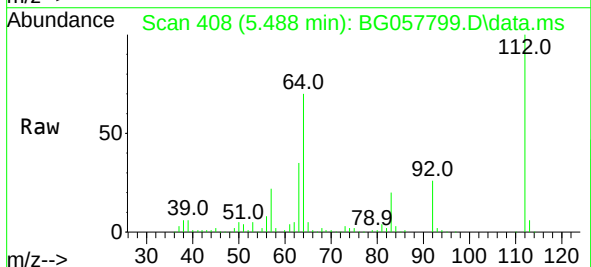
Instrument :
BNA_G
ClientSampleId :
SB-2

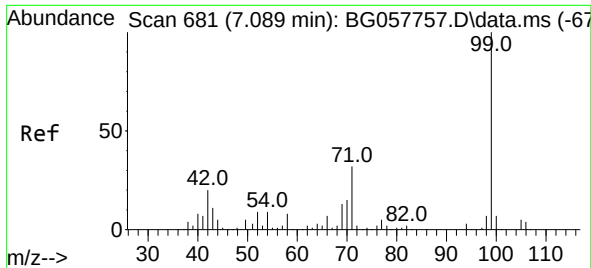
Tgt Ion:152 Resp: 30208
Ion Ratio Lower Upper
152 100
150 150.4 126.6 189.8
115 60.9 48.9 73.3



#5
2-Fluorophenol
Concen: 88.241 ng
RT: 5.488 min Scan# 408
Delta R.T. -0.009 min
Lab File: BG057799.D
Acq: 22 Jun 2023 00:58

Tgt Ion:112 Resp: 172876
Ion Ratio Lower Upper
112 100
64 70.0 62.1 93.1
63 35.1 31.5 47.3

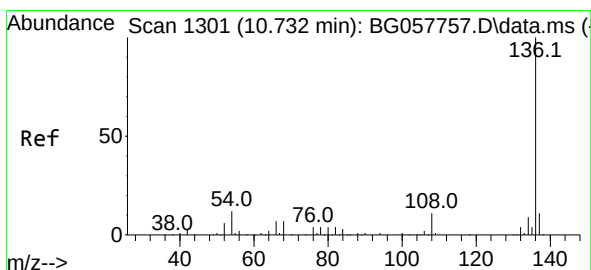
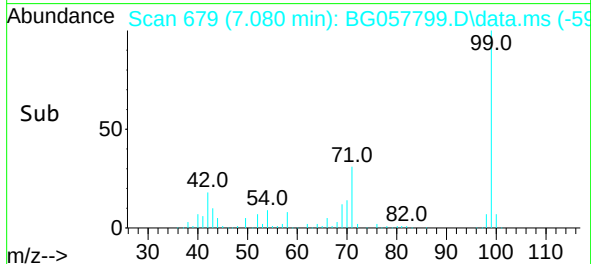
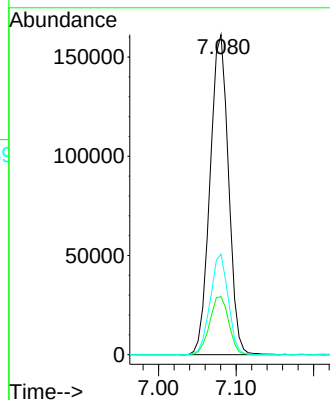
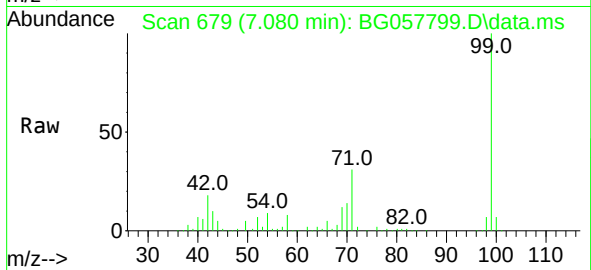




#7
Phenol-d6
Concen: 89.186 ng
RT: 7.080 min Scan# 61
Delta R.T. -0.009 min
Lab File: BG057799.D
Acq: 22 Jun 2023 00:58

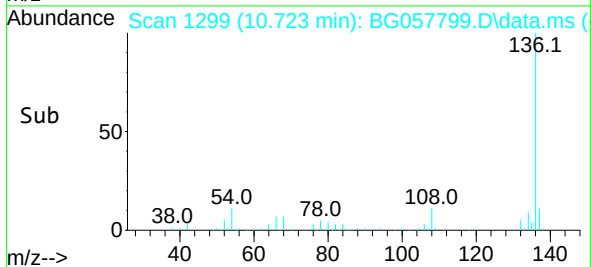
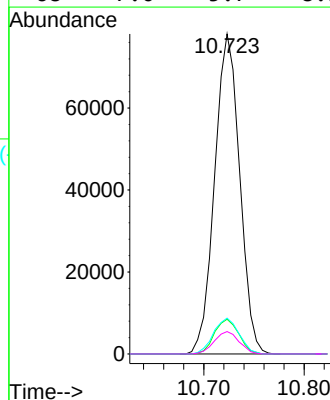
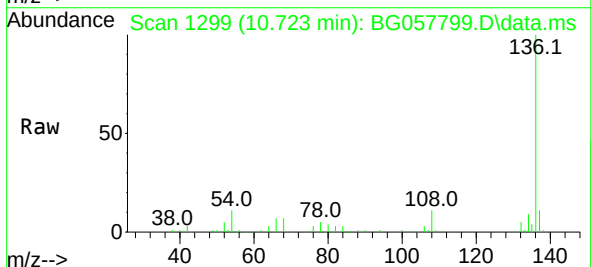
Instrument :
BNA_G
ClientSampleId :
SB-2

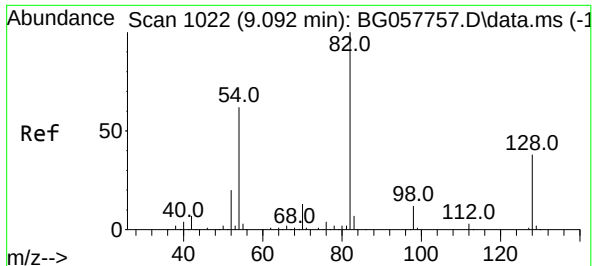
Tgt Ion: 99 Resp: 266608
Ion Ratio Lower Upper
99 100
42 18.1 16.4 24.6
71 31.3 25.8 38.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.723 min Scan# 1299
Delta R.T. -0.009 min
Lab File: BG057799.D
Acq: 22 Jun 2023 00:58

Tgt Ion: 136 Resp: 135146
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 11.2 9.5 14.3
68 7.0 5.7 8.5





#23

Nitrobenzene-d5

Concen: 56.558 ng

RT: 9.078 min Scan# 1022

Delta R.T. -0.014 min

Lab File: BG057799.D

Acq: 22 Jun 2023 00:58

Instrument :

BNA_G

ClientSampleId :

SB-2

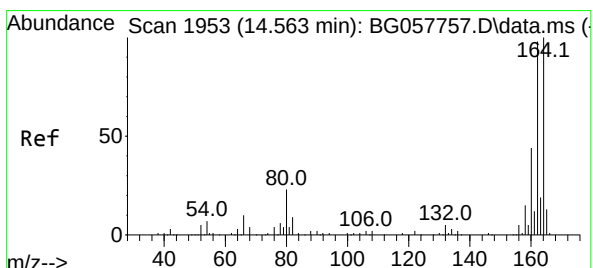
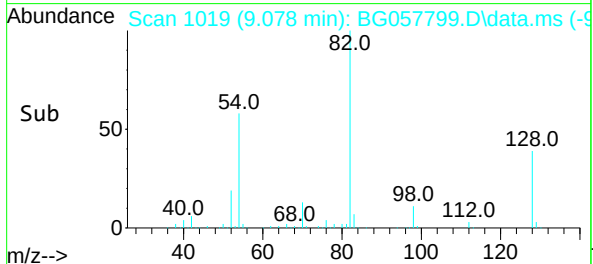
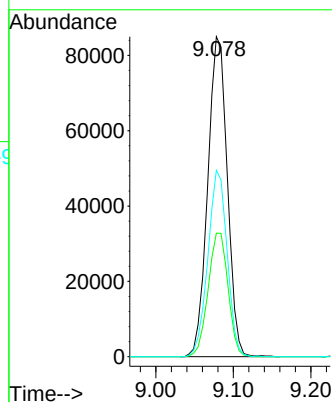
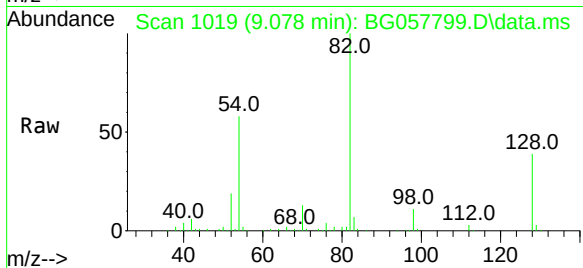
Tgt Ion: 82 Resp: 148929

Ion Ratio Lower Upper

82 100

128 38.6 30.7 46.1

54 58.3 49.6 74.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.554 min Scan# 1951

Delta R.T. -0.009 min

Lab File: BG057799.D

Acq: 22 Jun 2023 00:58

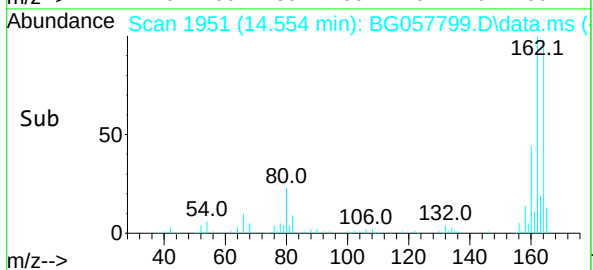
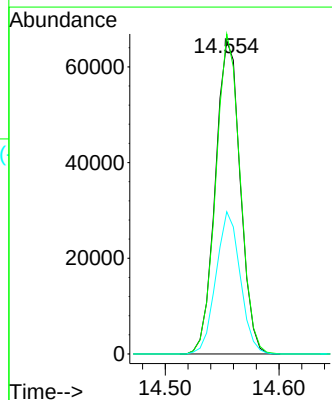
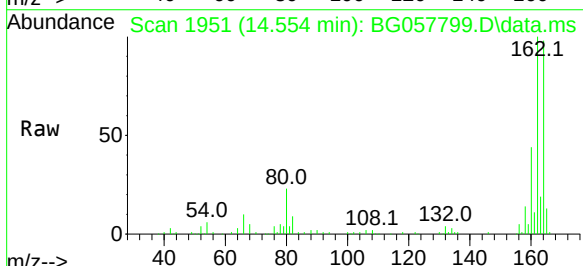
Tgt Ion:164 Resp: 99580

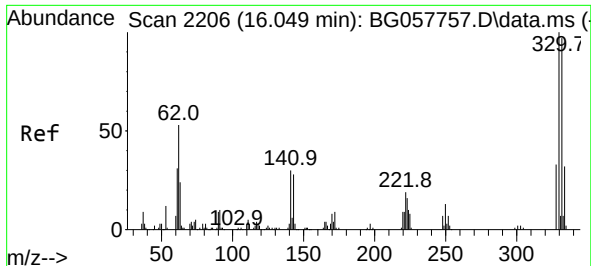
Ion Ratio Lower Upper

164 100

162 102.2 78.3 117.5

160 45.4 35.4 53.0

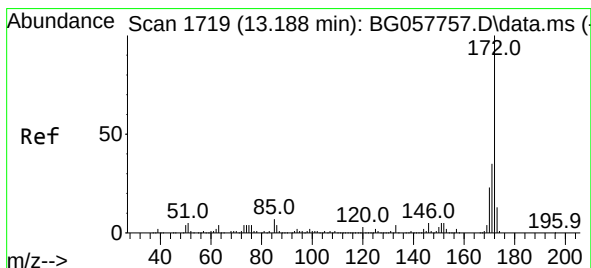
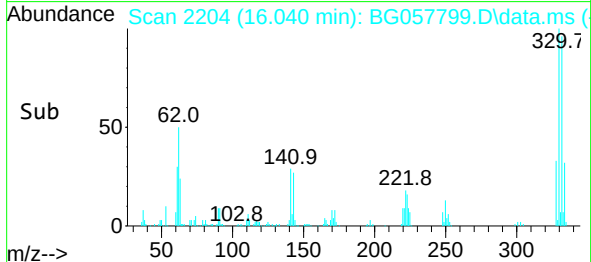
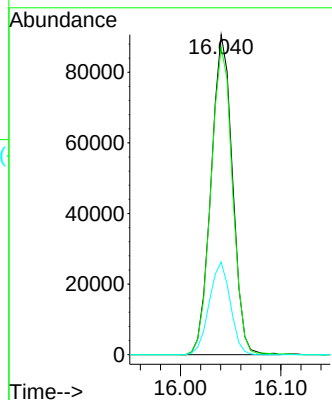
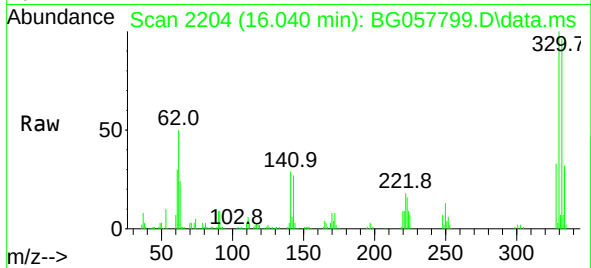




#42
2,4,6-Tribromophenol
Concen: 96.410 ng
RT: 16.040 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG057799.D
Acq: 22 Jun 2023 00:58

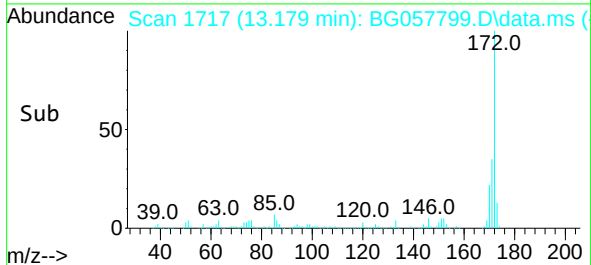
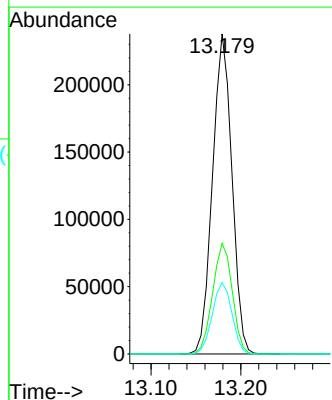
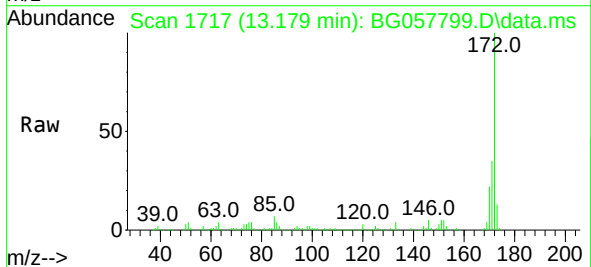
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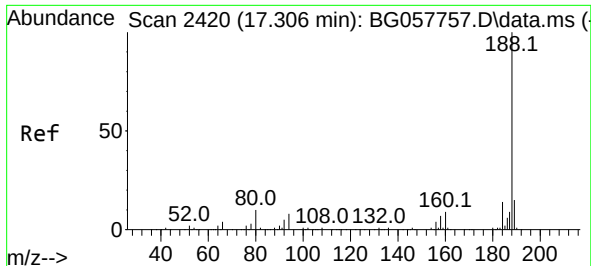
Tgt Ion:330 Resp: 133735
Ion Ratio Lower Upper
330 100
332 96.9 76.6 115.0
141 28.6 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 54.345 ng
RT: 13.179 min Scan# 1717
Delta R.T. -0.009 min
Lab File: BG057799.D
Acq: 22 Jun 2023 00:58

Tgt Ion:172 Resp: 356794
Ion Ratio Lower Upper
172 100
171 34.6 28.1 42.1
170 22.3 18.6 27.8

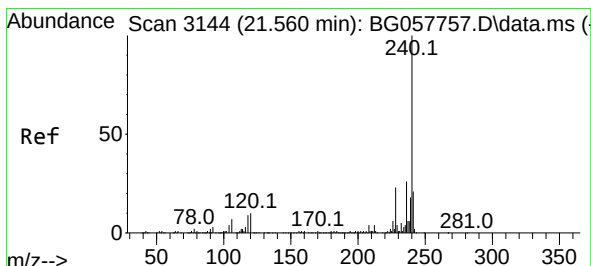
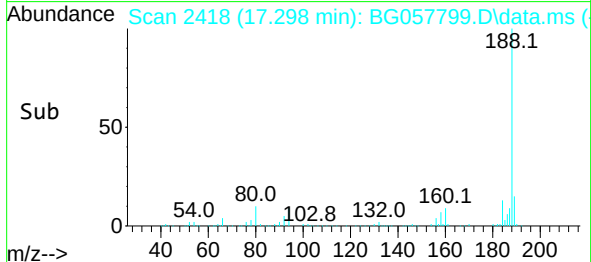
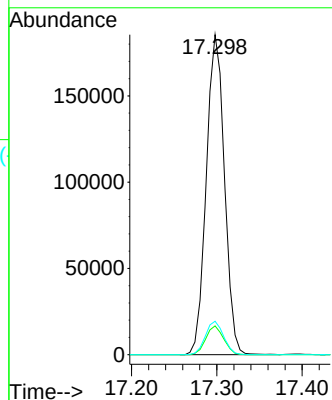
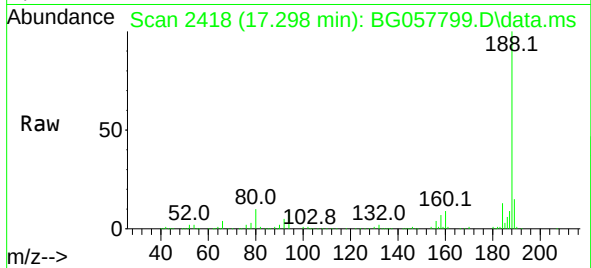




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.298 min Scan# 2418
Delta R.T. -0.009 min
Lab File: BG057799.D
Acq: 22 Jun 2023 00:58

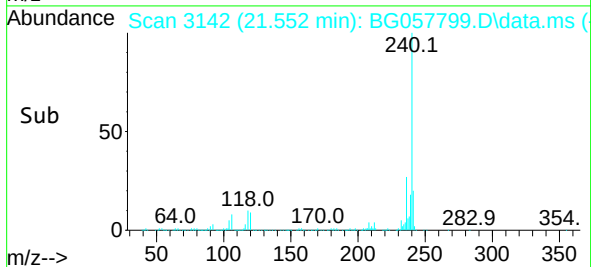
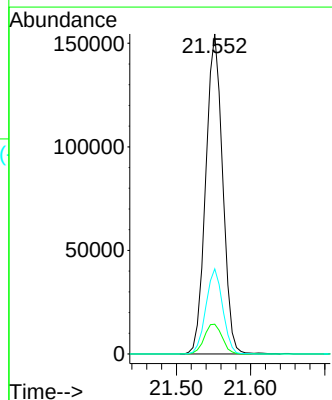
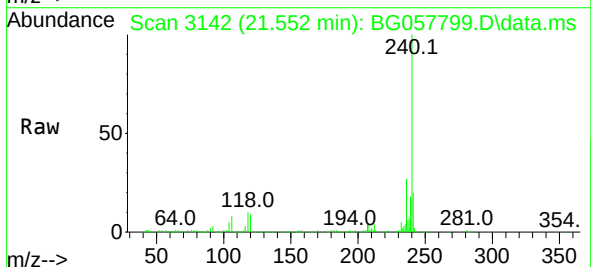
Instrument :
BNA_G
ClientSampleId :
SB-2

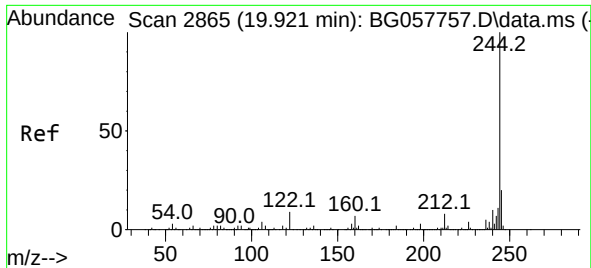
Tgt Ion:188 Resp: 274668
Ion Ratio Lower Upper
188 100
94 9.0 6.6 9.8
80 10.5 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.552 min Scan# 3142
Delta R.T. -0.009 min
Lab File: BG057799.D
Acq: 22 Jun 2023 00:58

Tgt Ion:240 Resp: 244475
Ion Ratio Lower Upper
240 100
120 9.3 8.1 12.1
236 26.6 20.6 30.8

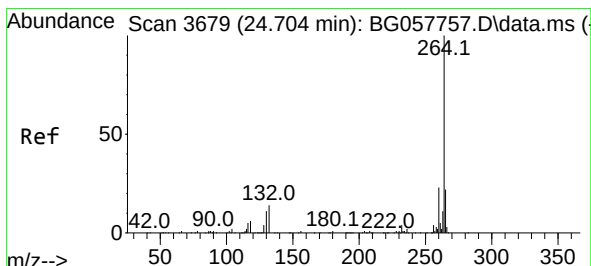
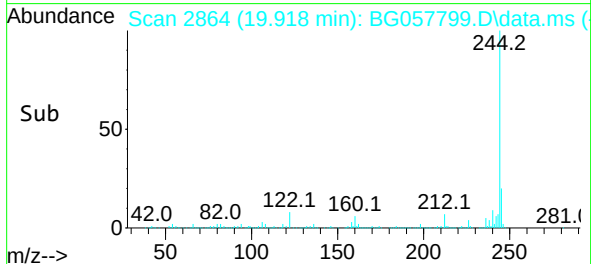
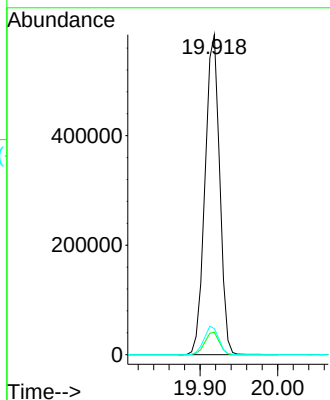
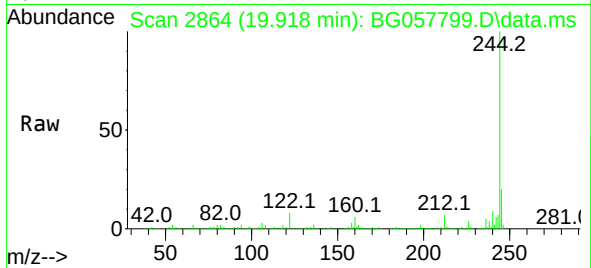




#79
 Terphenyl-d14
 Concen: 58.542 ng
 RT: 19.918 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG057799.D
 Acq: 22 Jun 2023 00:58

Instrument :
 BNA_G
 ClientSampleId :
 SB-2

Tgt Ion:244 Resp: 767545
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.1 9.1
 122 8.1 7.6 11.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.701 min Scan# 3678
 Delta R.T. -0.003 min
 Lab File: BG057799.D
 Acq: 22 Jun 2023 00:58

Tgt Ion:264 Resp: 298404
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.5 27.7
 265 21.6 17.4 26.2

