

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062123\
 Data File : BG057797.D
 Acq On : 21 Jun 2023 23:35
 Operator : CG/JU
 Sample : 03289-23
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-08-4.0-6.0

Quant Time: Jun 22 04:55:40 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	7.923	152	27959	20.000	ng	0.00
21) Naphthalene-d8	10.726	136	124151	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	94208	20.000	ng	0.00
64) Phenanthrene-d10	17.301	188	254145	20.000	ng	0.00
76) Chrysene-d12	21.548	240	229844	20.000	ng	-0.01
86) Perylene-d12	24.704	264	279630	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.491	112	152063	83.861	ng	0.00
7) Phenol-d6	7.077	99	222950	80.581	ng	-0.01
23) Nitrobenzene-d5	9.081	82	127704	52.792	ng	-0.01
42) 2,4,6-Tribromophenol	16.043	330	115461	87.983	ng	0.00
45) 2-Fluorobiphenyl	13.182	172	306688	49.377	ng	0.00
79) Terphenyl-d14	19.915	244	646075	52.414	ng	0.00

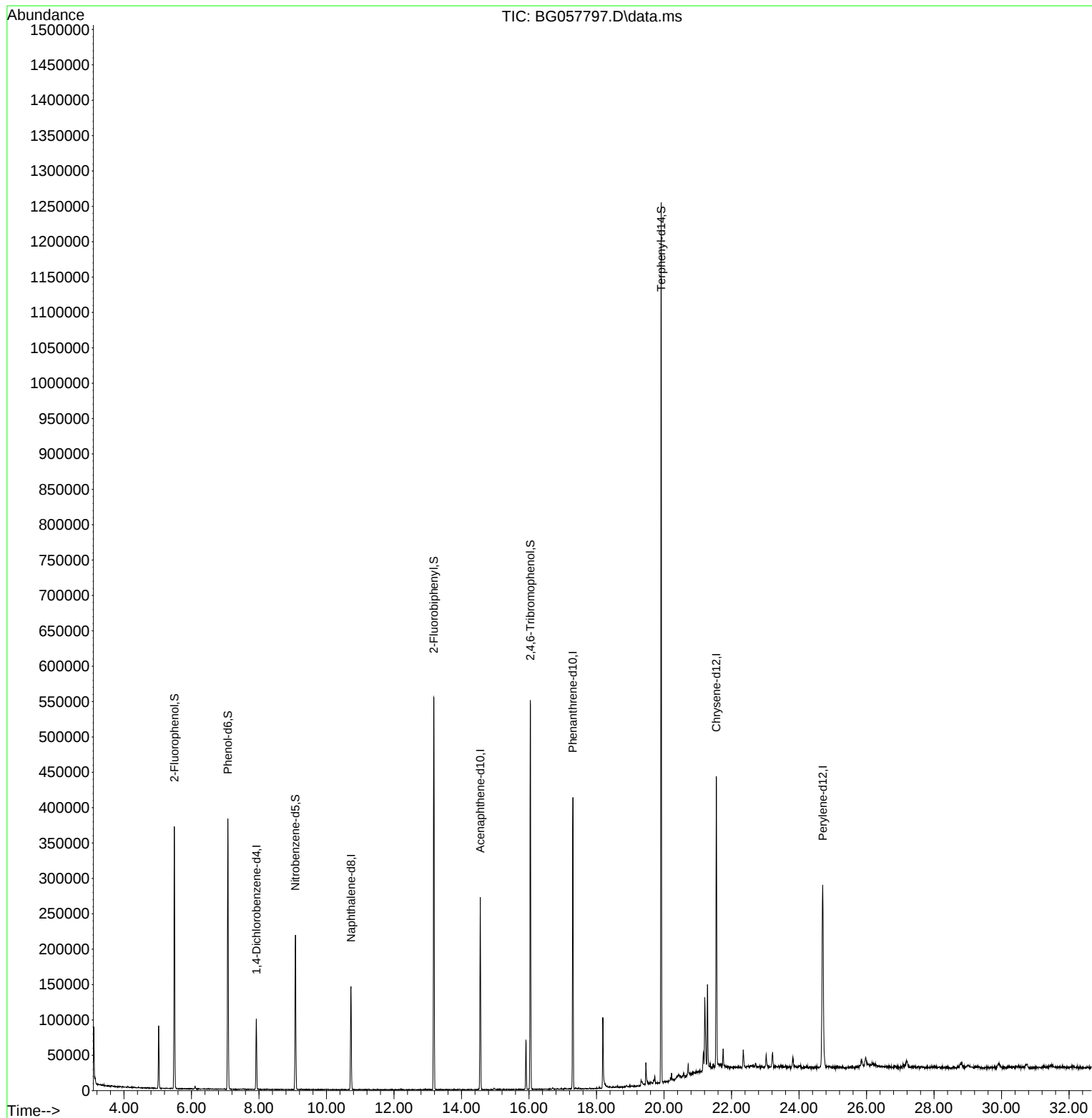
Target Compounds	Qvalue

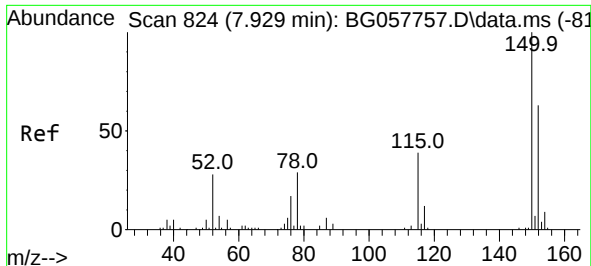
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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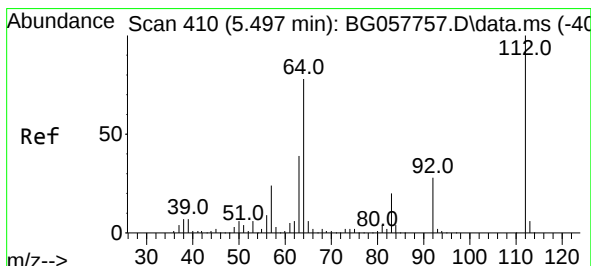
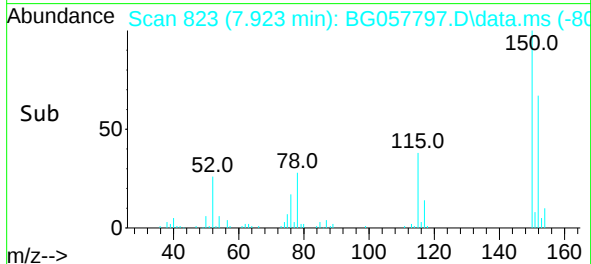
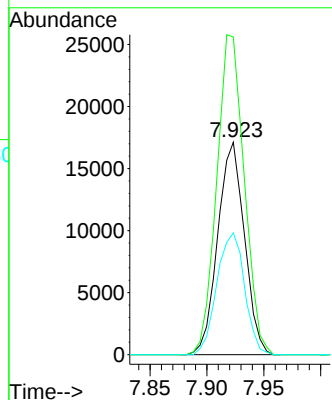
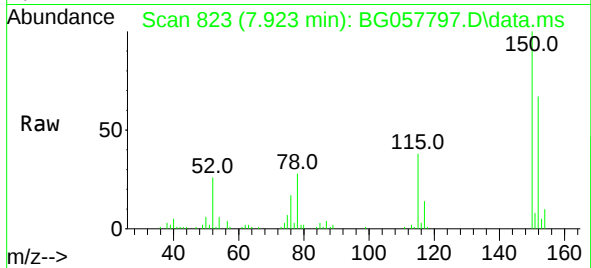




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.923 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG057797.D
Acq: 21 Jun 2023 23:35

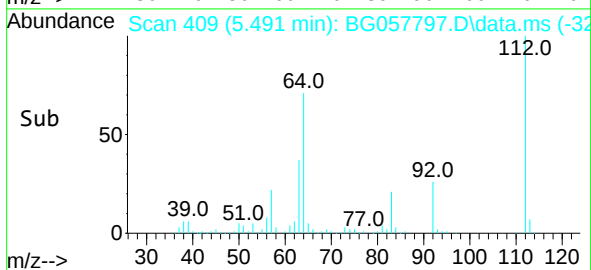
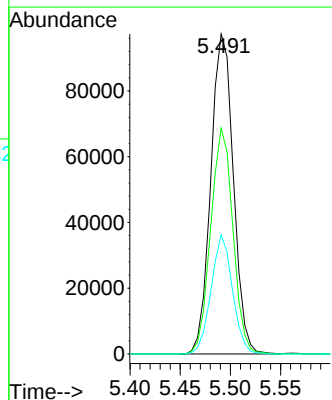
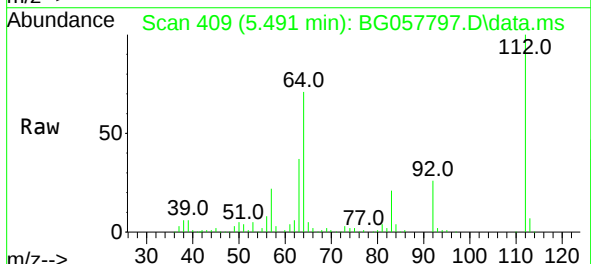
Instrument :
BNA_G
ClientSampleId :
SB-08-4.0-6.0

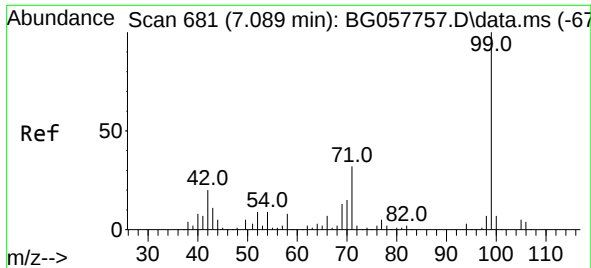
Tgt Ion:152 Resp: 27959
Ion Ratio Lower Upper
152 100
150 149.6 126.6 189.8
115 57.3 48.9 73.3



#5
2-Fluorophenol
Concen: 83.861 ng
RT: 5.491 min Scan# 409
Delta R.T. -0.006 min
Lab File: BG057797.D
Acq: 21 Jun 2023 23:35

Tgt Ion:112 Resp: 152063
Ion Ratio Lower Upper
112 100
64 70.6 62.1 93.1
63 37.2 31.5 47.3

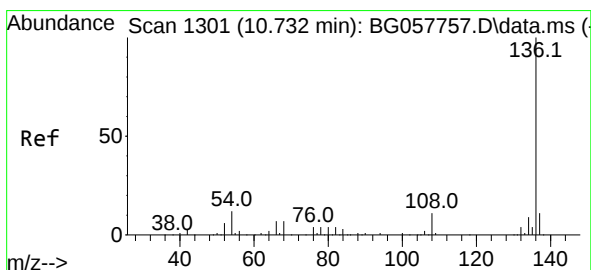
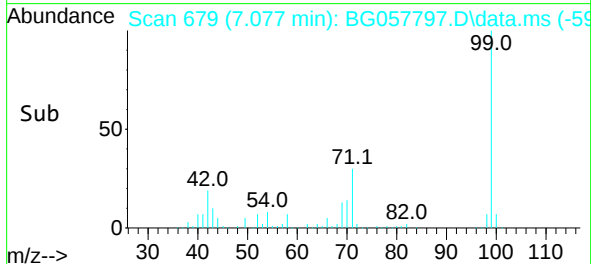
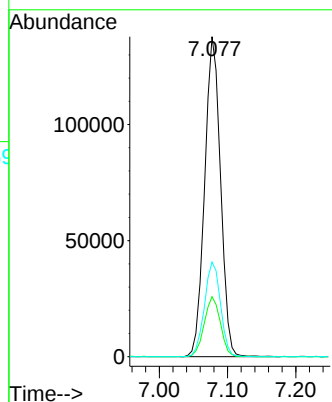
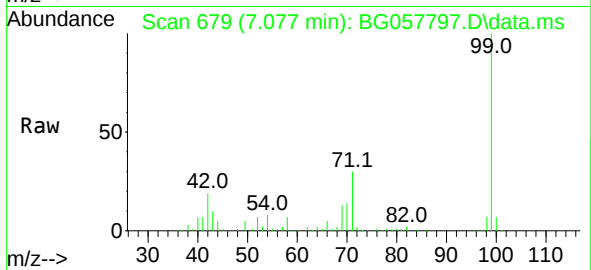




#7
Phenol-d6
Concen: 80.581 ng
RT: 7.077 min Scan# 61
Delta R.T. -0.012 min
Lab File: BG057797.D
Acq: 21 Jun 2023 23:35

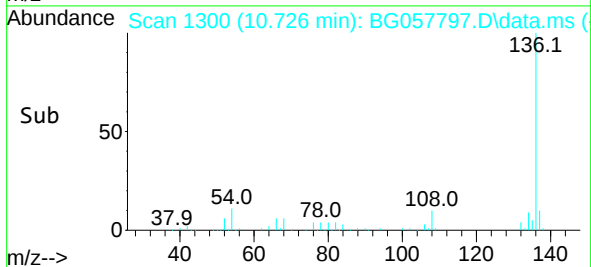
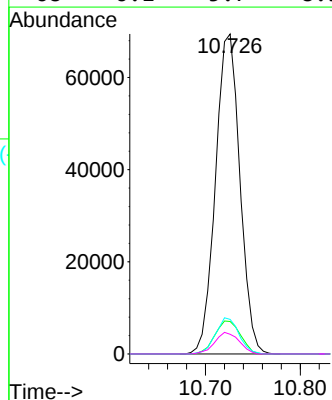
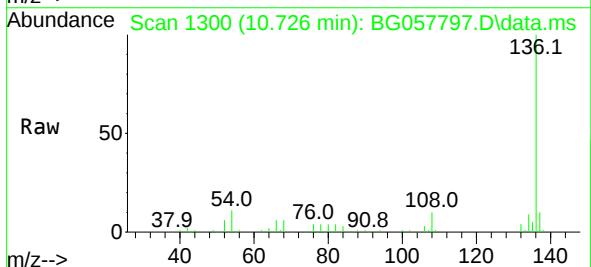
Instrument :
BNA_G
ClientSampleId :
SB-08-4.0-6.0

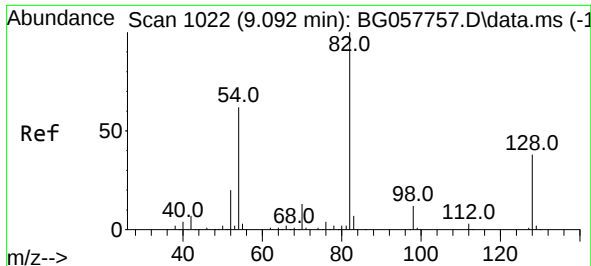
Tgt Ion: 99 Resp: 222950
Ion Ratio Lower Upper
99 100
42 18.8 16.4 24.6
71 29.5 25.8 38.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.726 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BG057797.D
Acq: 21 Jun 2023 23:35

Tgt Ion: 136 Resp: 124151
Ion Ratio Lower Upper
136 100
137 10.2 8.5 12.7
54 10.8 9.5 14.3
68 6.1 5.7 8.5





#23

Nitrobenzene-d5

Concen: 52.792 ng

RT: 9.081 min Scan# 1020

Delta R.T. -0.012 min

Lab File: BG057797.D

Acq: 21 Jun 2023 23:35

Instrument :

BNA_G

ClientSampleId :

SB-08-4.0-6.0

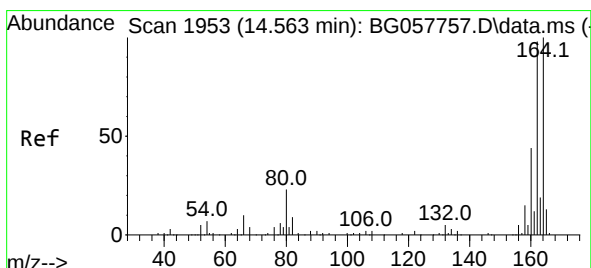
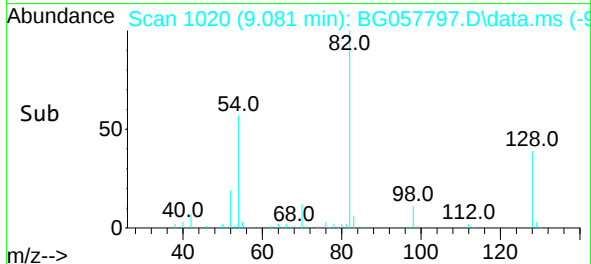
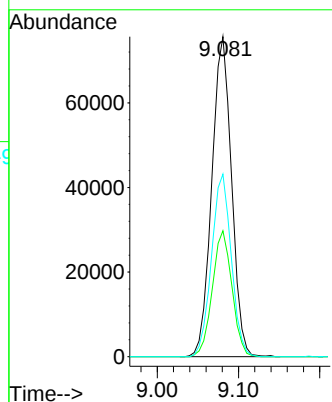
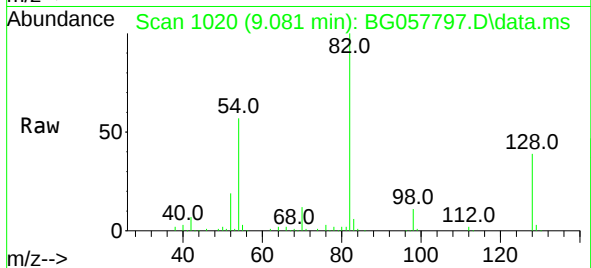
Tgt Ion: 82 Resp: 127704

Ion Ratio Lower Upper

82 100

128 39.4 30.7 46.1

54 57.0 49.6 74.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.557 min Scan# 1952

Delta R.T. -0.006 min

Lab File: BG057797.D

Acq: 21 Jun 2023 23:35

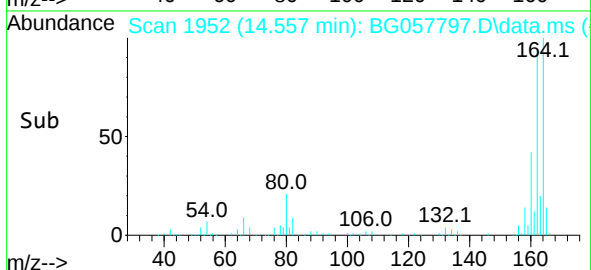
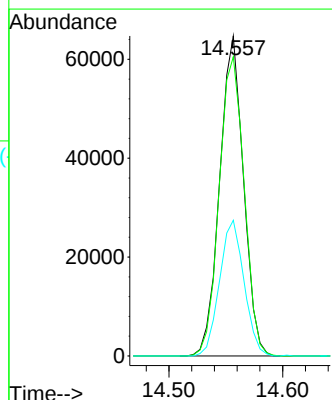
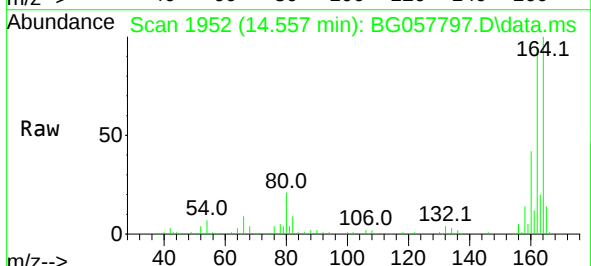
Tgt Ion:164 Resp: 94208

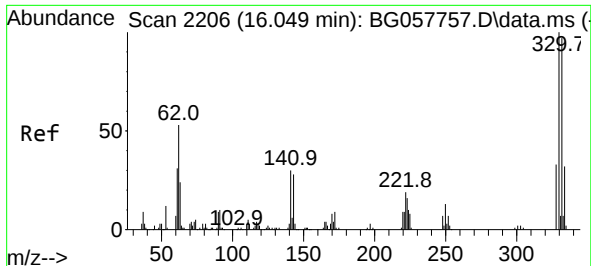
Ion Ratio Lower Upper

164 100

162 93.5 78.3 117.5

160 42.4 35.4 53.0

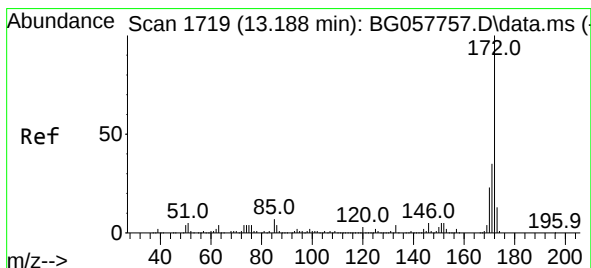
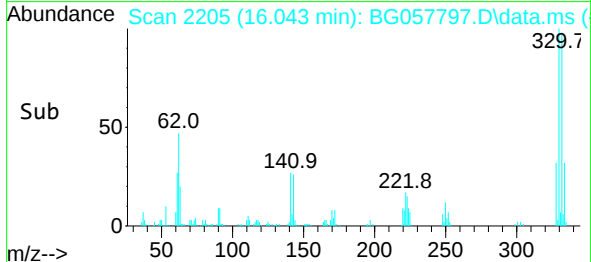
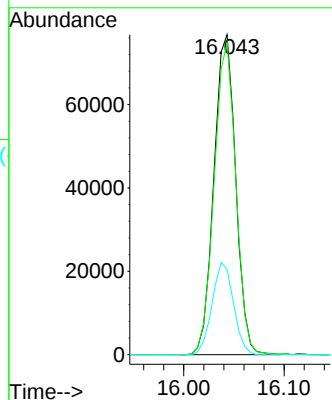
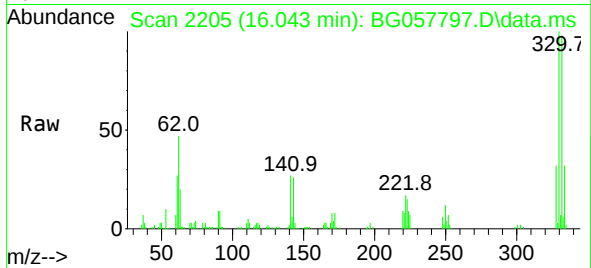




#42
2,4,6-Tribromophenol
Concen: 87.983 ng
RT: 16.043 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG057797.D
Acq: 21 Jun 2023 23:35

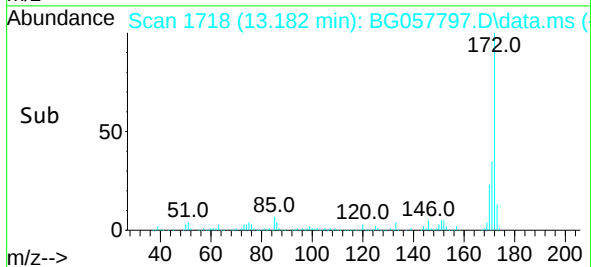
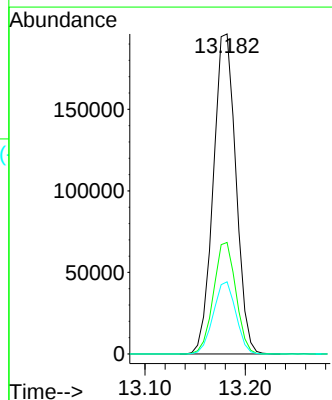
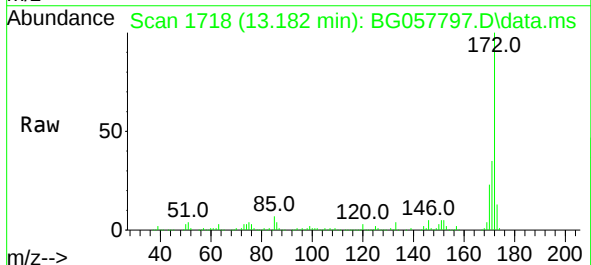
Instrument :
BNA_G
ClientSampleId :
SB-08-4.0-6.0

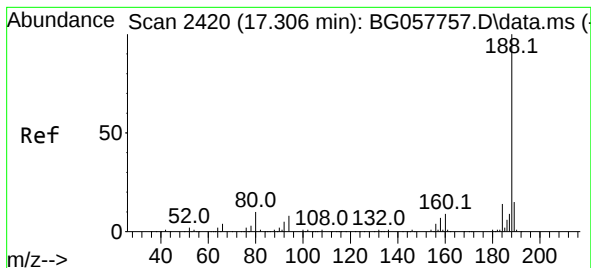
Tgt Ion:330 Resp: 115461
Ion Ratio Lower Upper
330 100
332 97.2 76.6 115.0
141 28.3 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 49.377 ng
RT: 13.182 min Scan# 1718
Delta R.T. -0.006 min
Lab File: BG057797.D
Acq: 21 Jun 2023 23:35

Tgt Ion:172 Resp: 306688
Ion Ratio Lower Upper
172 100
171 34.9 28.1 42.1
170 22.6 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.301 min Scan# 2419

Delta R.T. -0.006 min

Lab File: BG057797.D

Acq: 21 Jun 2023 23:35

Instrument :

BNA_G

ClientSampleId :

SB-08-4.0-6.0

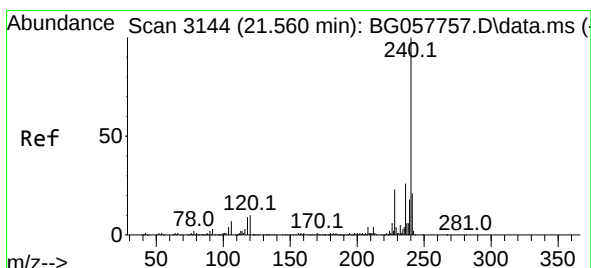
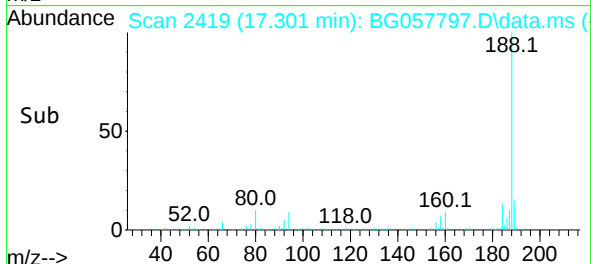
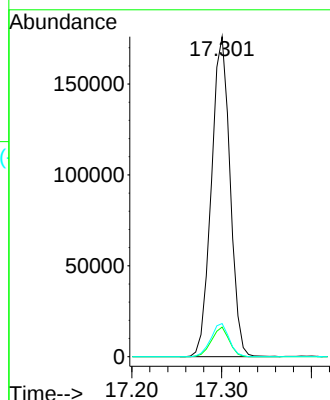
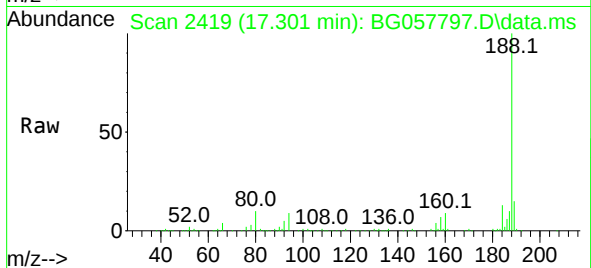
Tgt Ion:188 Resp: 254145

Ion Ratio Lower Upper

188 100

94 9.2 6.6 9.8

80 10.3 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.548 min Scan# 3142

Delta R.T. -0.012 min

Lab File: BG057797.D

Acq: 21 Jun 2023 23:35

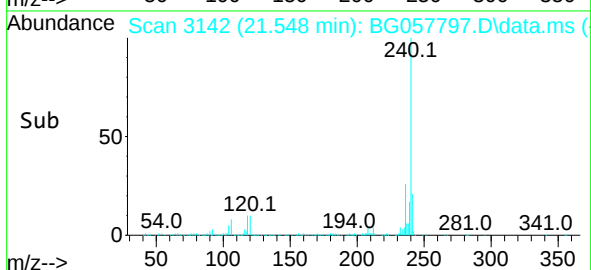
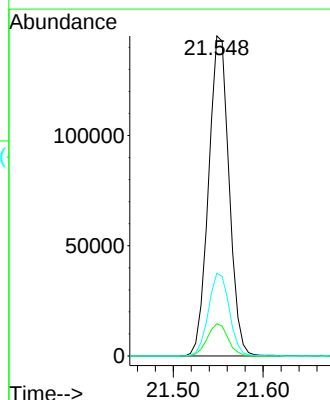
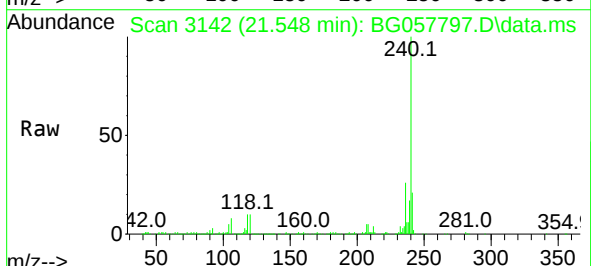
Tgt Ion:240 Resp: 229844

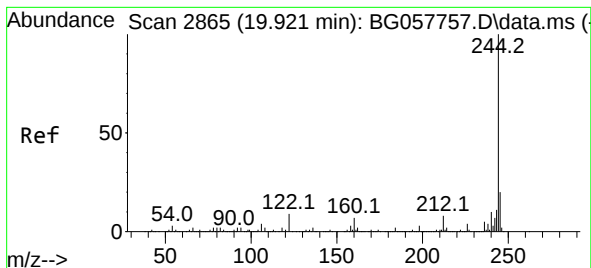
Ion Ratio Lower Upper

240 100

120 10.1 8.1 12.1

236 25.9 20.6 30.8





#79

Terphenyl-d14

Concen: 52.414 ng

RT: 19.915 min Scan# 2864

Delta R.T. -0.006 min

Lab File: BG057797.D

Acq: 21 Jun 2023 23:35

Instrument :

BNA_G

ClientSampleId :

SB-08-4.0-6.0

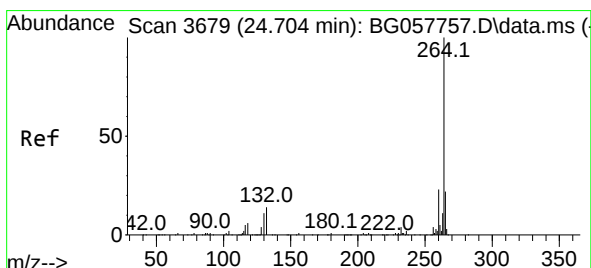
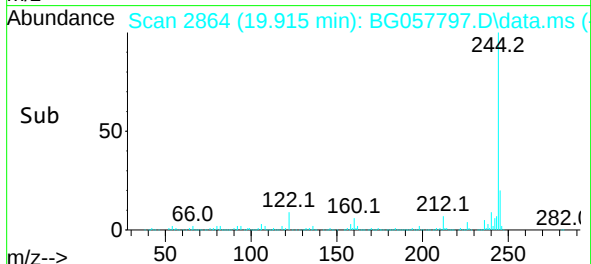
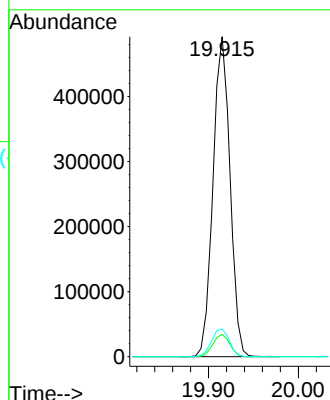
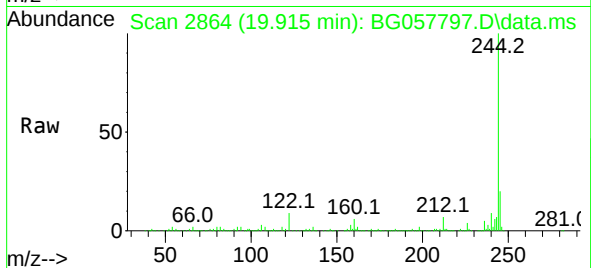
Tgt Ion:244 Resp: 646075

Ion Ratio Lower Upper

244 100

212 7.0 6.1 9.1

122 8.7 7.6 11.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.704 min Scan# 3679

Delta R.T. -0.000 min

Lab File: BG057797.D

Acq: 21 Jun 2023 23:35

Tgt Ion:264 Resp: 279630

Ion Ratio Lower Upper

264 100

260 24.5 18.5 27.7

265 21.9 17.4 26.2

