

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062123\
 Data File : BG057791.D
 Acq On : 21 Jun 2023 19:25
 Operator : CG/JU
 Sample : 03289-17
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-06-12.0-14.0-DUP

Quant Time: Jun 22 04:52:10 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	25816	20.000	ng	0.00
21) Naphthalene-d8	10.726	136	115496	20.000	ng	0.00
39) Acenaphthene-d10	14.556	164	87375	20.000	ng	0.00
64) Phenanthrene-d10	17.300	188	237088	20.000	ng	0.00
76) Chrysene-d12	21.548	240	217526	20.000	ng	-0.01
86) Perylene-d12	24.697	264	265693	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.496	112	147900	88.336	ng	0.00
7) Phenol-d6	7.083	99	213161	83.438	ng	0.00
23) Nitrobenzene-d5	9.080	82	124179	55.182	ng	-0.01
42) 2,4,6-Tribromophenol	16.043	330	125485	103.099	ng	0.00
45) 2-Fluorobiphenyl	13.181	172	309414	53.711	ng	0.00
79) Terphenyl-d14	19.915	244	747733	64.097	ng	0.00

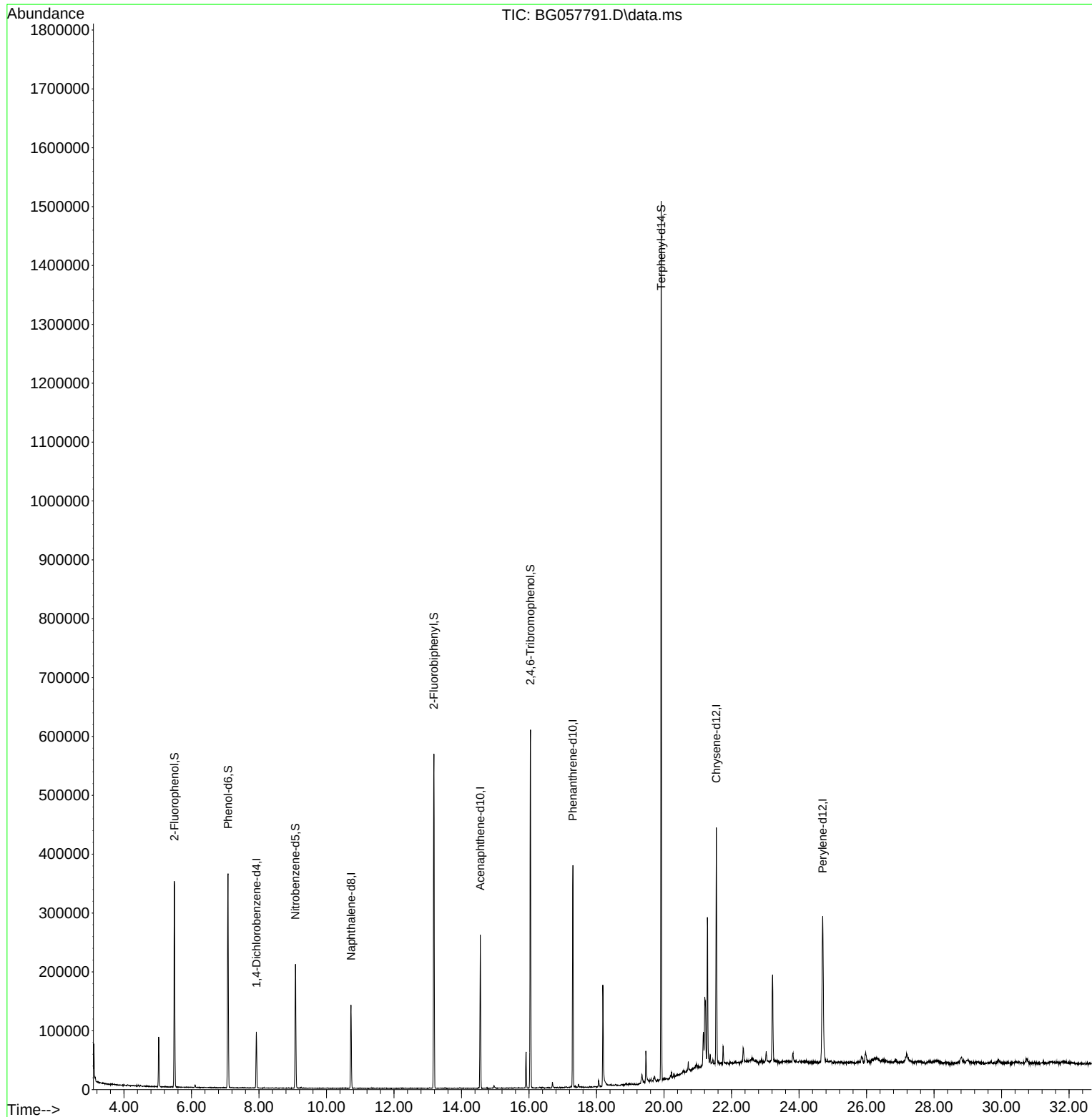
Target Compounds	Qvalue

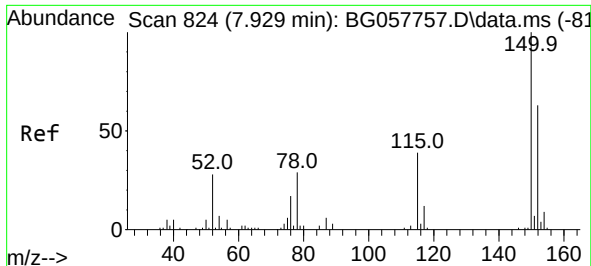
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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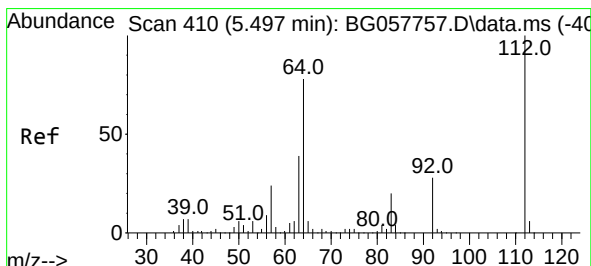
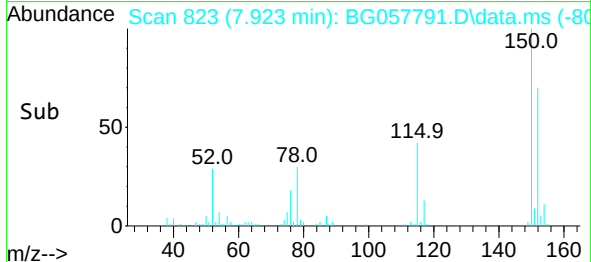
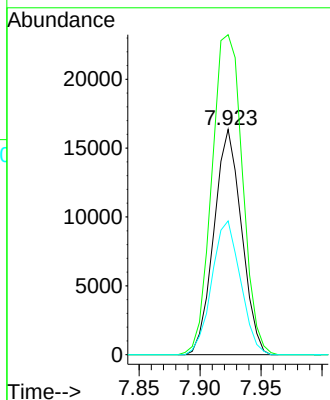
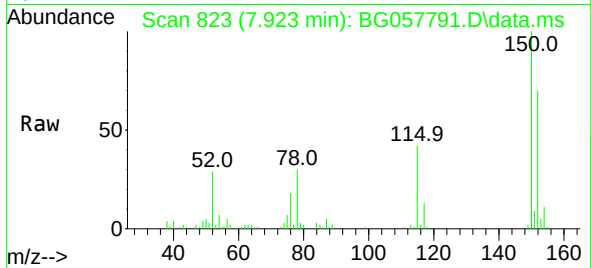




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.923 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG057791.D
Acq: 21 Jun 2023 19:25

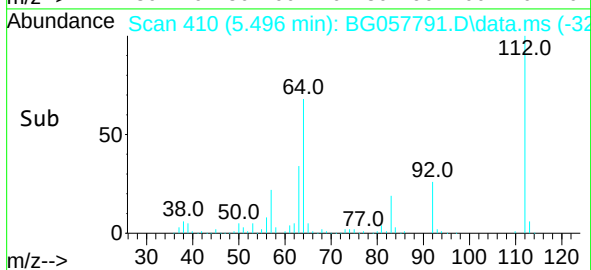
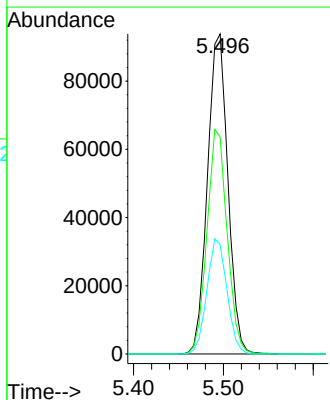
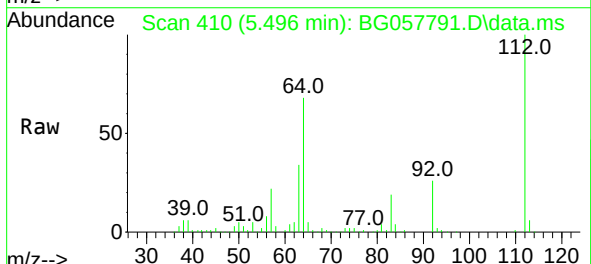
Instrument :
BNA_G
ClientSampleId :
SB-06-12.0-14.0-DUP

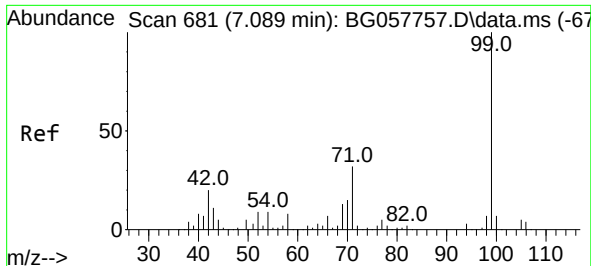
Tgt Ion:152 Resp: 25816
Ion Ratio Lower Upper
152 100
150 142.0 126.6 189.8
115 59.4 48.9 73.3



#5
2-Fluorophenol
Concen: 88.336 ng
RT: 5.496 min Scan# 410
Delta R.T. -0.001 min
Lab File: BG057791.D
Acq: 21 Jun 2023 19:25

Tgt Ion:112 Resp: 147900
Ion Ratio Lower Upper
112 100
64 67.8 62.1 93.1
63 34.0 31.5 47.3

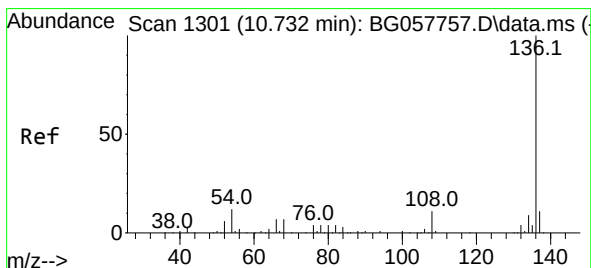
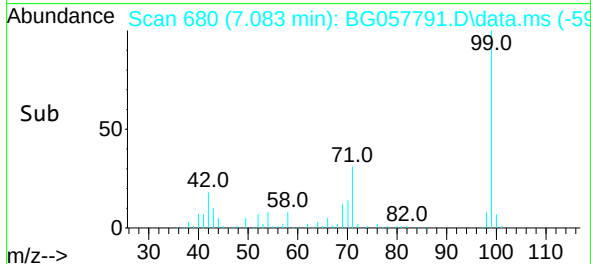
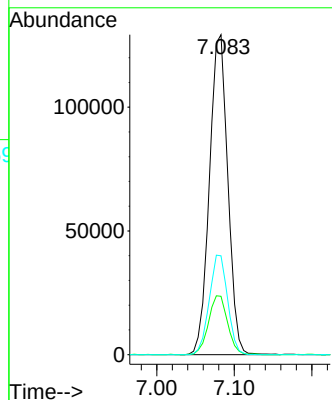
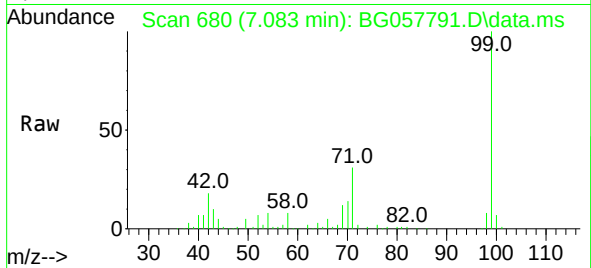




#7
Phenol-d6
Concen: 83.438 ng
RT: 7.083 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG057791.D
Acq: 21 Jun 2023 19:25

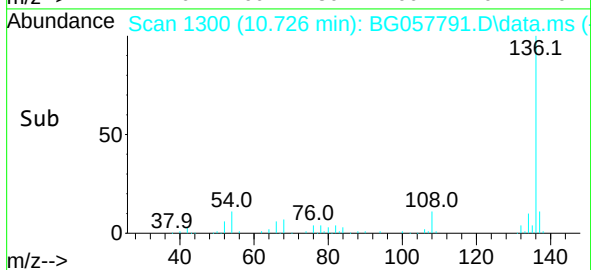
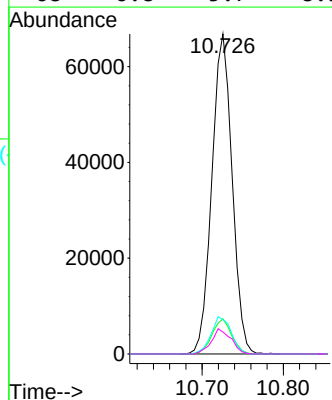
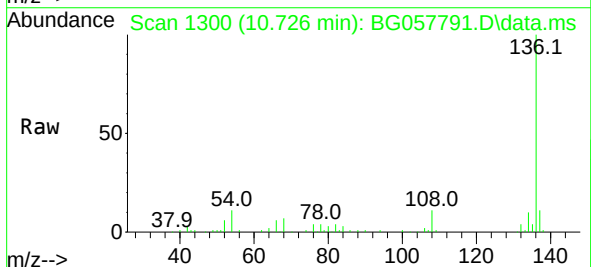
Instrument :
BNA_G
ClientSampleId :
SB-06-12.0-14.0-DUP

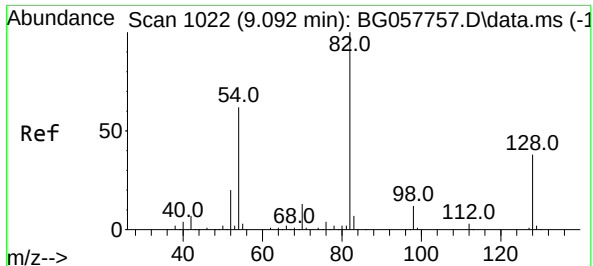
Tgt Ion: 99 Resp: 213161
Ion Ratio Lower Upper
99 100
42 18.3 16.4 24.6
71 30.9 25.8 38.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.726 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BG057791.D
Acq: 21 Jun 2023 19:25

Tgt Ion:136 Resp: 115496
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 10.7 9.5 14.3
68 6.8 5.7 8.5





#23

Nitrobenzene-d5

Concen: 55.182 ng

RT: 9.080 min Scan# 1022

Delta R.T. -0.012 min

Lab File: BG057791.D

Acq: 21 Jun 2023 19:25

Instrument :

BNA_G

ClientSampleId :

SB-06-12.0-14.0-DUP

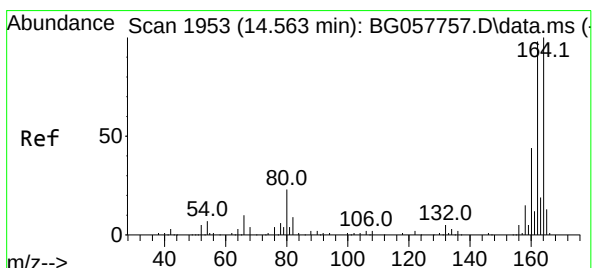
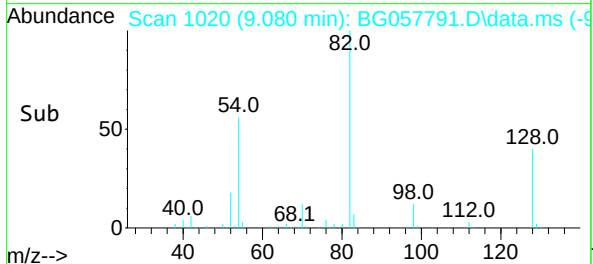
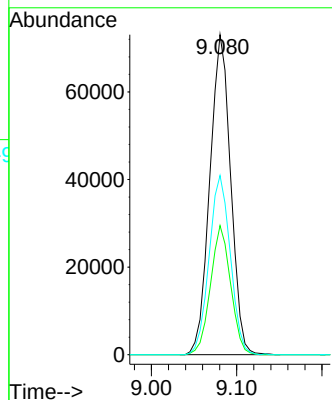
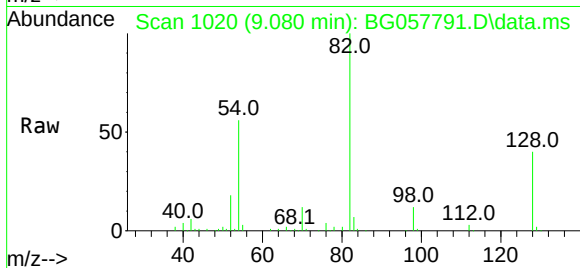
Tgt Ion: 82 Resp: 124179

Ion Ratio Lower Upper

82 100

128 40.4 30.7 46.1

54 56.0 49.6 74.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.556 min Scan# 1952

Delta R.T. -0.006 min

Lab File: BG057791.D

Acq: 21 Jun 2023 19:25

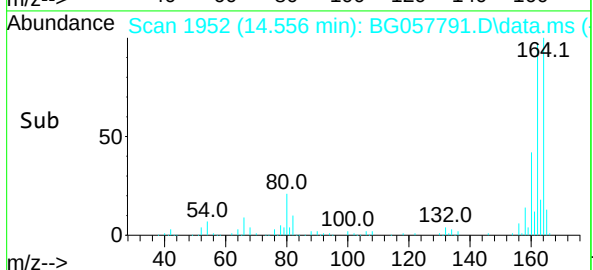
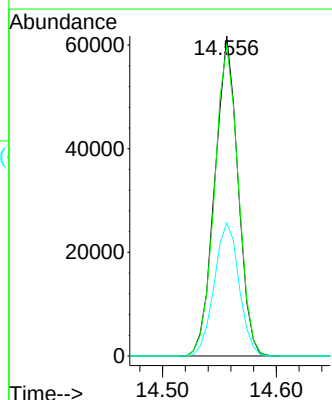
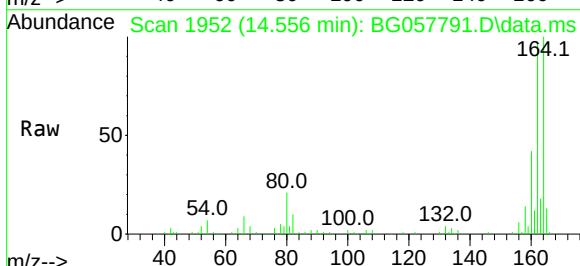
Tgt Ion:164 Resp: 87375

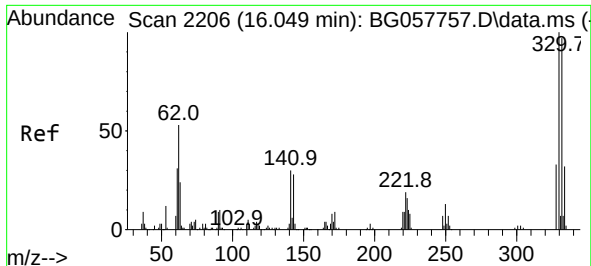
Ion Ratio Lower Upper

164 100

162 96.9 78.3 117.5

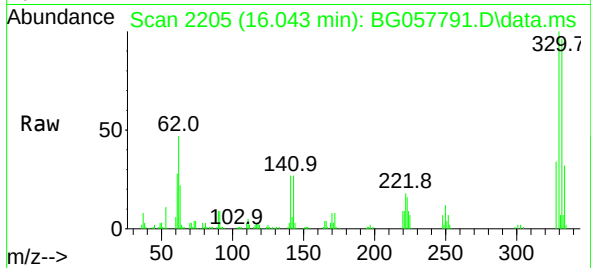
160 41.5 35.4 53.0



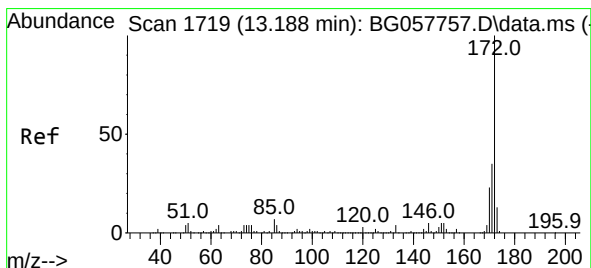
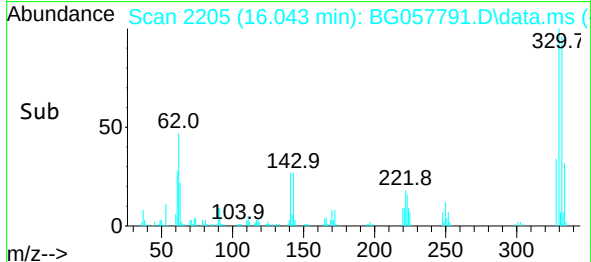
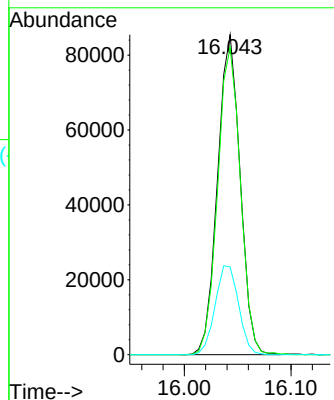


#42
2,4,6-Tribromophenol
Concen: 103.099 ng
RT: 16.043 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG057791.D
Acq: 21 Jun 2023 19:25

Instrument :
BNA_G
ClientSampleId :
SB-06-12.0-14.0-DUP

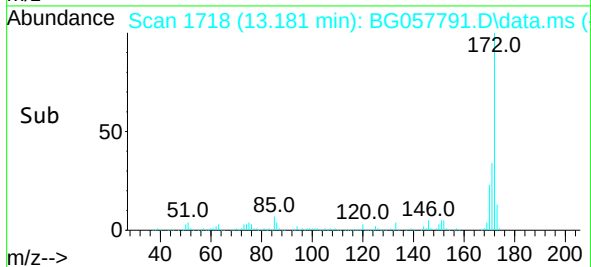
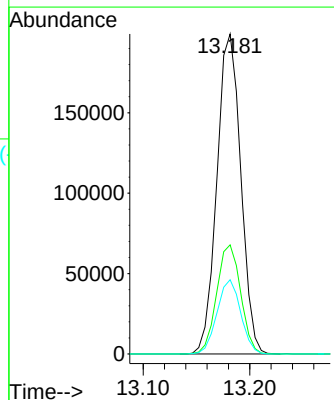
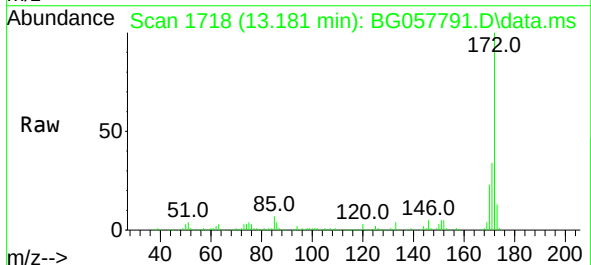


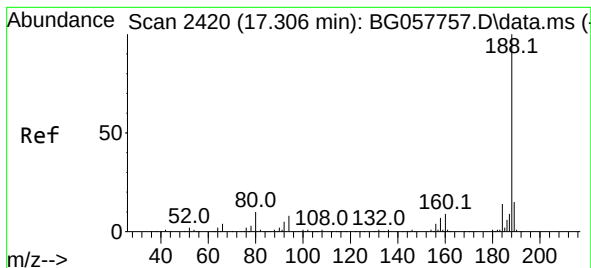
Tgt Ion:330 Resp: 125485
Ion Ratio Lower Upper
330 100
332 96.8 76.6 115.0
141 28.9 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 53.711 ng
RT: 13.181 min Scan# 1718
Delta R.T. -0.006 min
Lab File: BG057791.D
Acq: 21 Jun 2023 19:25

Tgt Ion:172 Resp: 309414
Ion Ratio Lower Upper
172 100
171 34.1 28.1 42.1
170 23.2 18.6 27.8

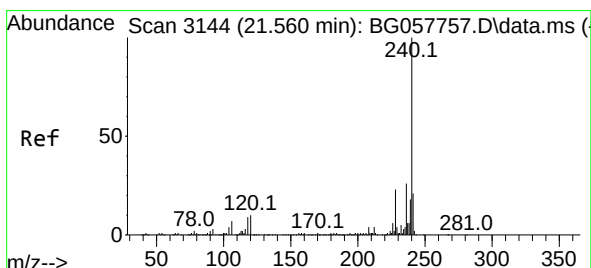
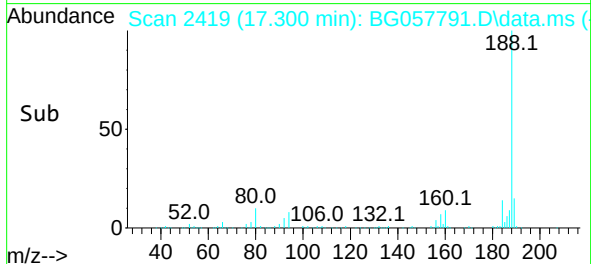
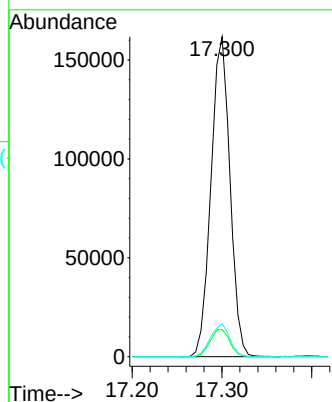
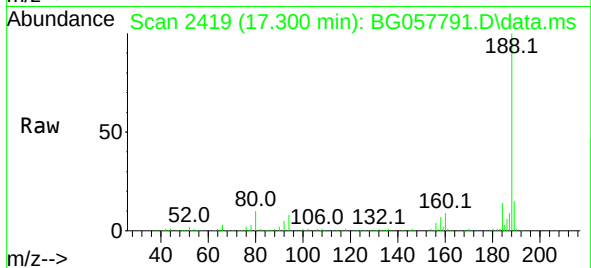




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.300 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BG057791.D
Acq: 21 Jun 2023 19:25

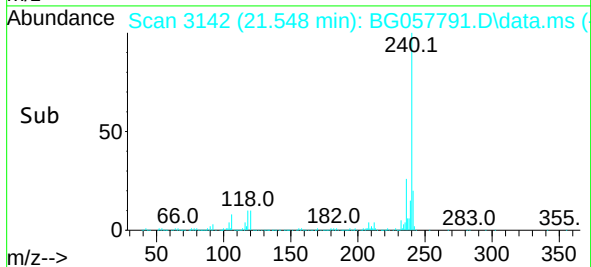
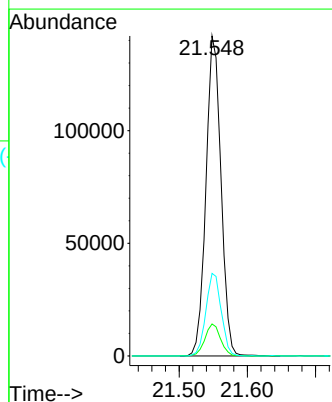
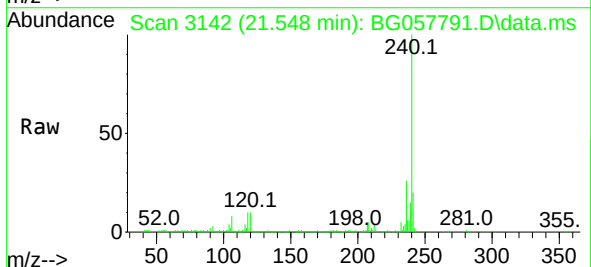
Instrument :
BNA_G
ClientSampleId :
SB-06-12.0-14.0-DUP

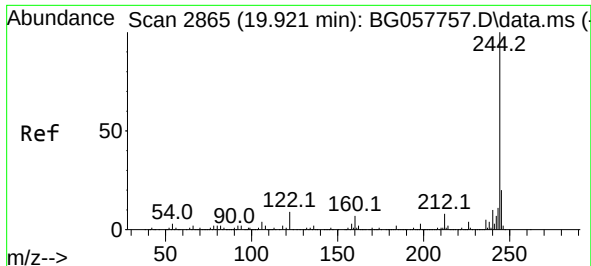
Tgt Ion:188 Resp: 237088
Ion Ratio Lower Upper
188 100
94 8.5 6.6 9.8
80 10.4 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.548 min Scan# 3142
Delta R.T. -0.012 min
Lab File: BG057791.D
Acq: 21 Jun 2023 19:25

Tgt Ion:240 Resp: 217526
Ion Ratio Lower Upper
240 100
120 10.0 8.1 12.1
236 25.8 20.6 30.8

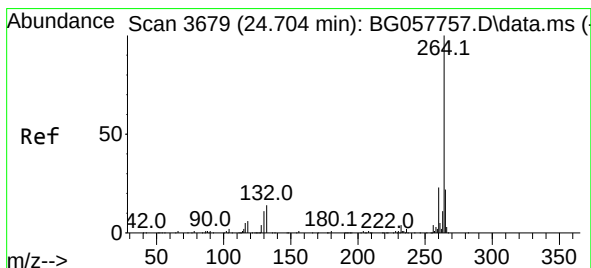
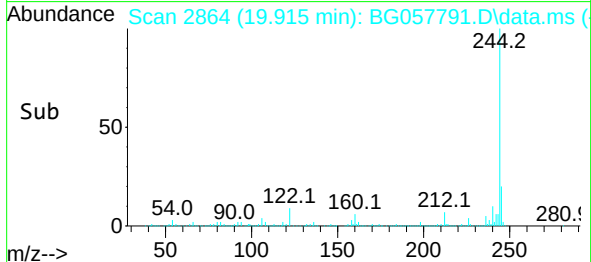
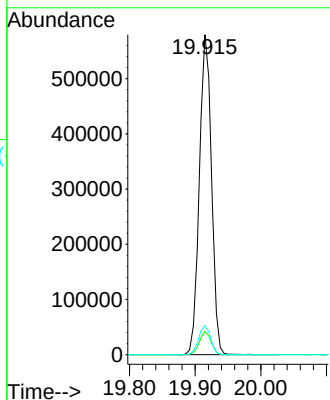
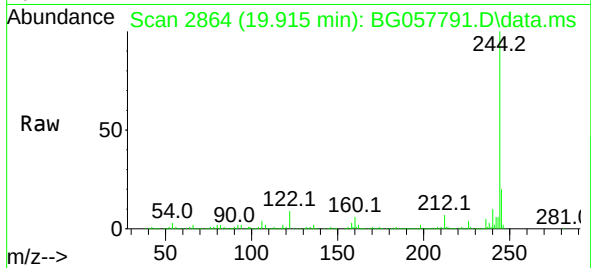




#79
 Terphenyl-d14
 Concen: 64.097 ng
 RT: 19.915 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG057791.D
 Acq: 21 Jun 2023 19:25

Instrument :
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 SB-06-12.0-14.0-DUP

Tgt Ion:244 Resp: 747733
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 9.1 7.6 11.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.697 min Scan# 3678
 Delta R.T. -0.006 min
 Lab File: BG057791.D
 Acq: 21 Jun 2023 19:25

Tgt Ion:264 Resp: 265693
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.5 27.7
 265 21.9 17.4 26.2

