

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062023\
 Data File : BG057771.D
 Acq On : 20 Jun 2023 11:26
 Operator : CG/JU
 Sample : 03262-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WS-SOIL2-0615

Quant Time: Jun 20 12:07:59 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)

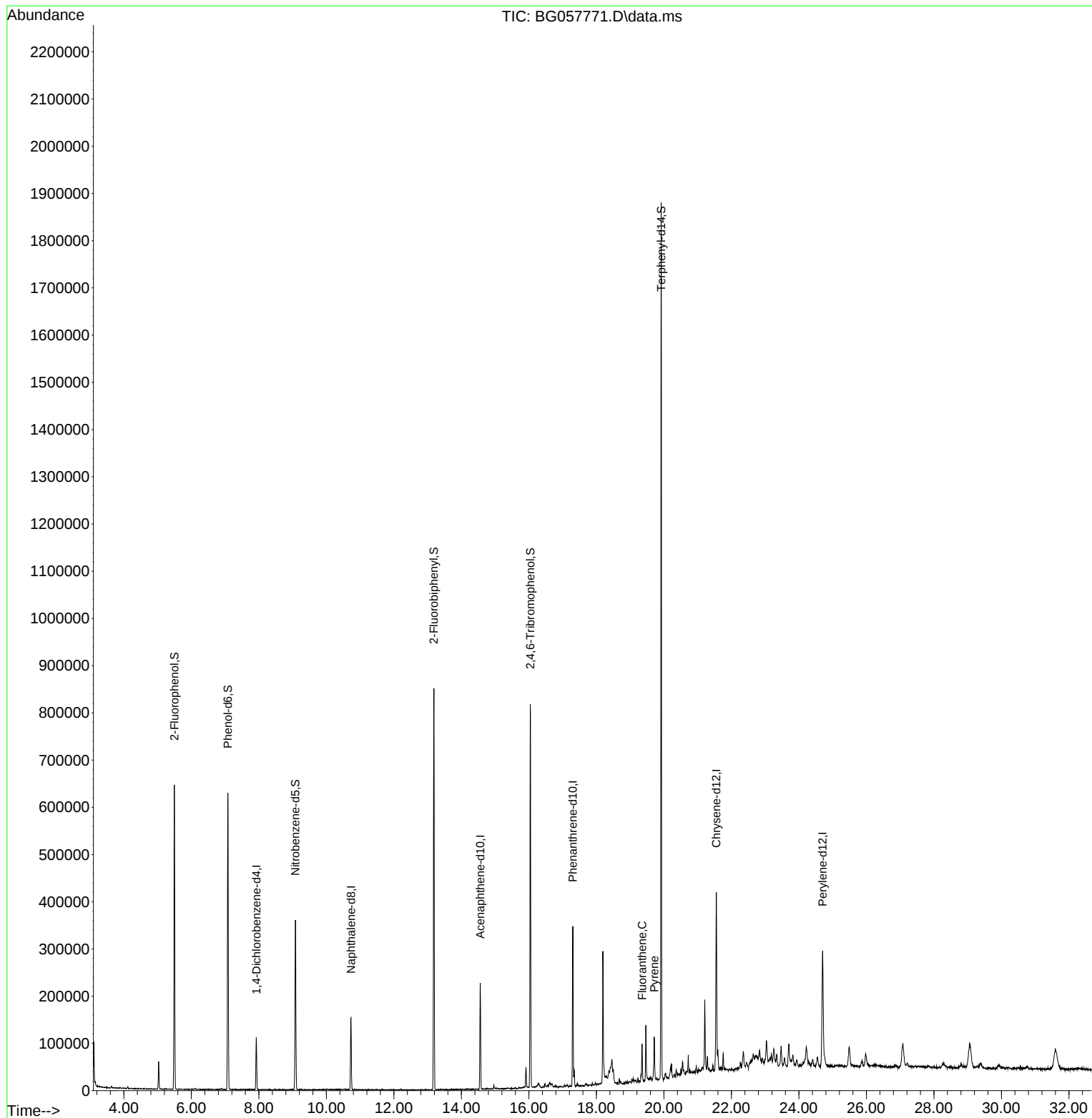
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.926	152	29561	20.000	ng	0.00
21) Naphthalene-d8	10.729	136	121923	20.000	ng	0.00
39) Acenaphthene-d10	14.560	164	81496	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	219583	20.000	ng	0.00
76) Chrysene-d12	21.552	240	207884	20.000	ng	0.00
86) Perylene-d12	24.701	264	253579	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.494	112	253426	132.187	ng	0.00
7) Phenol-d6	7.080	99	356362	121.820	ng	0.00
23) Nitrobenzene-d5	9.084	82	209773	88.304	ng	0.00
42) 2,4,6-Tribromophenol	16.046	330	164071	144.526	ng	0.00
45) 2-Fluorobiphenyl	13.185	172	444345	82.698	ng	0.00
79) Terphenyl-d14	19.918	244	919090	82.440	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.354	202	41685	3.291	ng	97
78) Pyrene	19.713	202	54688	3.688	ng	98

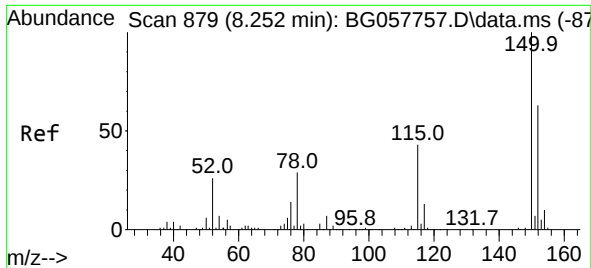
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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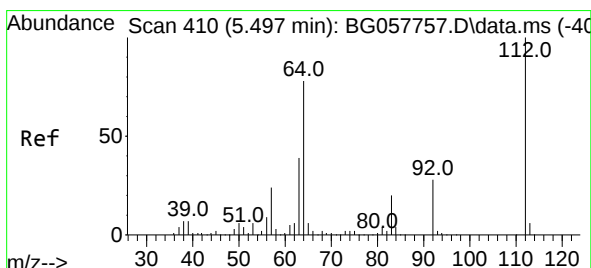
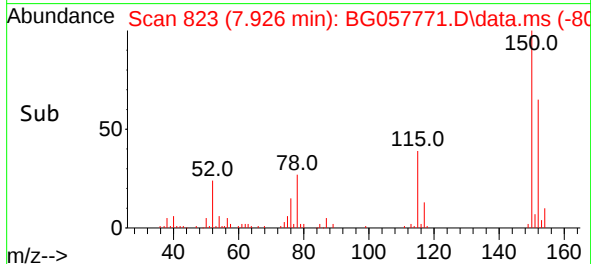
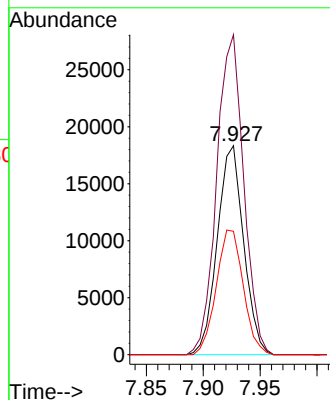
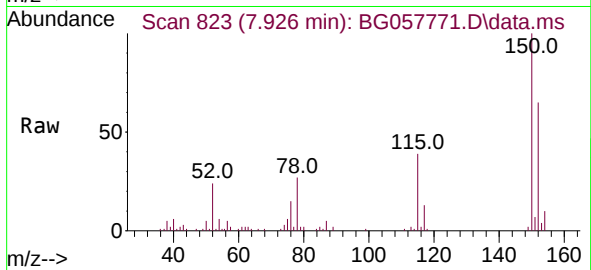




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.926 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG057771.D
Acq: 20 Jun 2023 11:26

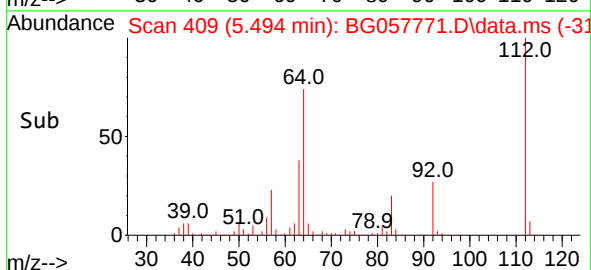
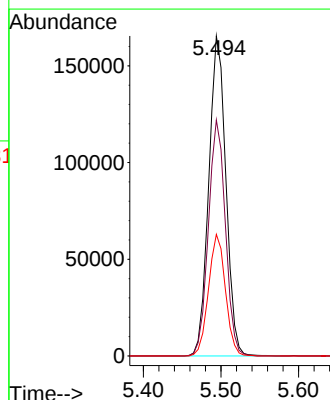
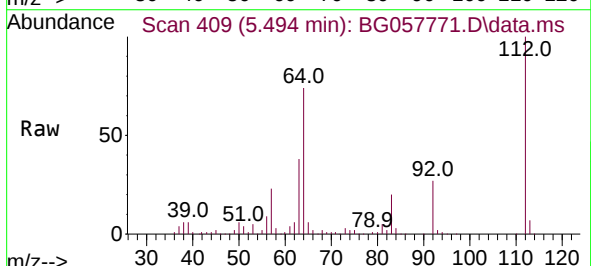
Instrument :
BNA_G
ClientSampleId :
WS-SOIL2-0615

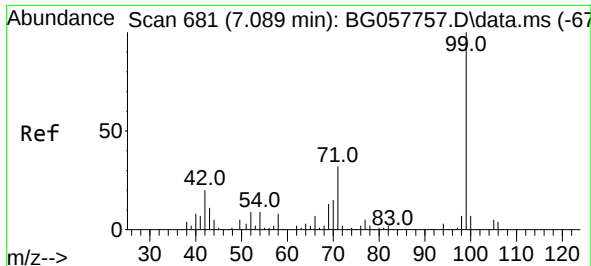
Tgt Ion:152 Resp: 29561
Ion Ratio Lower Upper
152 100
150 153.1 126.6 189.8
115 59.0 48.9 73.3



#5
2-Fluorophenol
Concen: 132.187 ng
RT: 5.494 min Scan# 409
Delta R.T. -0.003 min
Lab File: BG057771.D
Acq: 20 Jun 2023 11:26

Tgt Ion:112 Resp: 253426
Ion Ratio Lower Upper
112 100
64 73.8 62.1 93.1
63 38.0 31.5 47.3

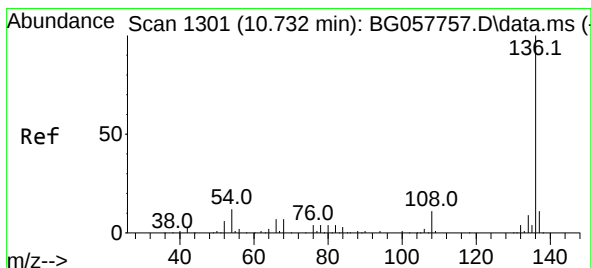
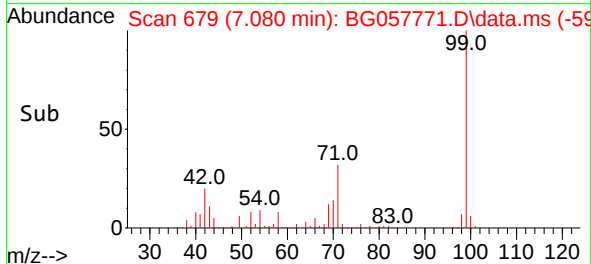
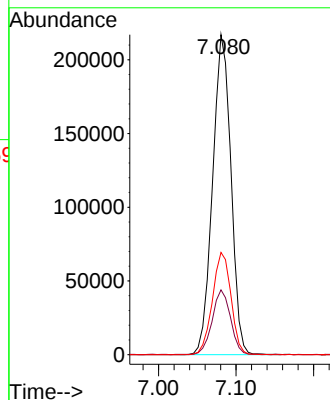
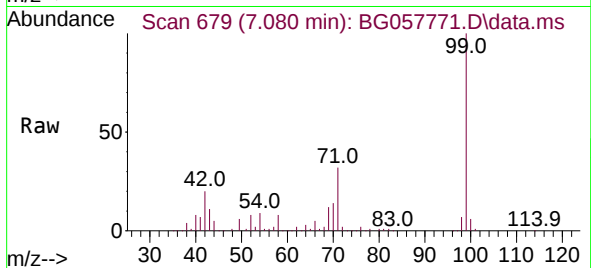




#7
Phenol-d6
Concen: 121.820 ng
RT: 7.080 min Scan# 61
Delta R.T. -0.009 min
Lab File: BG057771.D
Acq: 20 Jun 2023 11:26

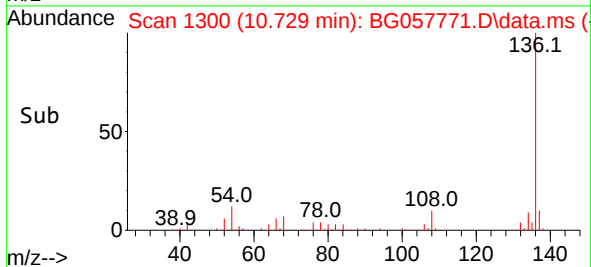
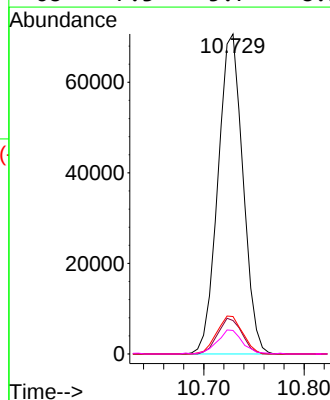
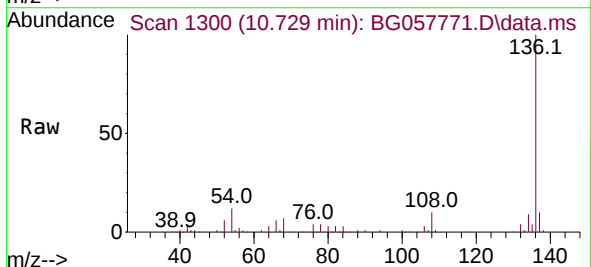
Instrument :
BNA_G
ClientSampleId :
WS-SOIL2-0615

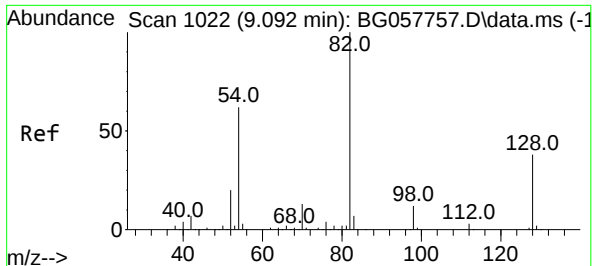
Tgt Ion: 99 Resp: 356362
Ion Ratio Lower Upper
99 100
42 20.3 16.4 24.6
71 32.0 25.8 38.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.729 min Scan# 1300
Delta R.T. -0.003 min
Lab File: BG057771.D
Acq: 20 Jun 2023 11:26

Tgt Ion: 136 Resp: 121923
Ion Ratio Lower Upper
136 100
137 10.5 8.5 12.7
54 11.7 9.5 14.3
68 7.3 5.7 8.5





#23

Nitrobenzene-d5

Concen: 88.304 ng

RT: 9.084 min Scan# 1020

Delta R.T. -0.009 min

Lab File: BG057771.D

Acq: 20 Jun 2023 11:26

Instrument :

BNA_G

ClientSampleId :

WS-SOIL2-0615

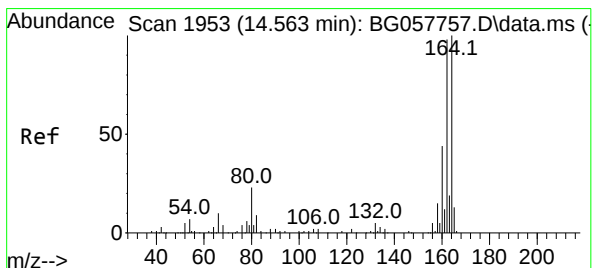
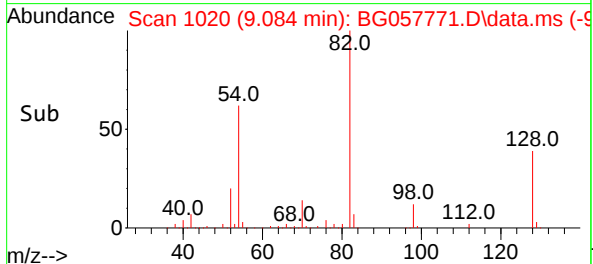
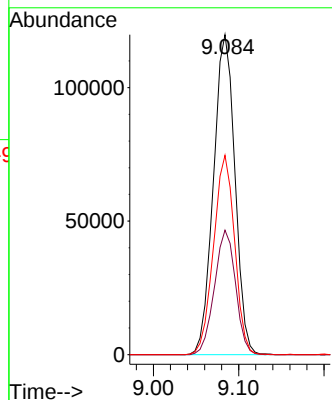
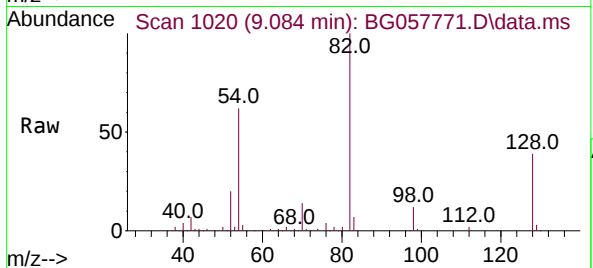
Tgt Ion: 82 Resp: 209773

Ion Ratio Lower Upper

82 100

128 38.9 30.7 46.1

54 62.3 49.6 74.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.560 min Scan# 1952

Delta R.T. -0.003 min

Lab File: BG057771.D

Acq: 20 Jun 2023 11:26

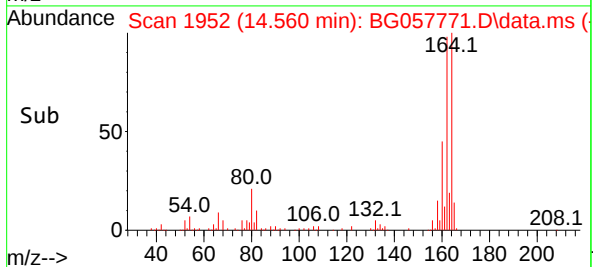
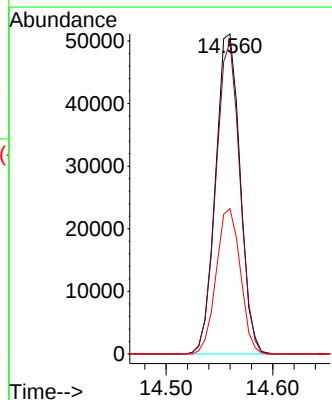
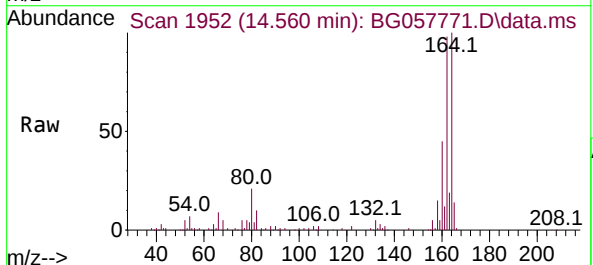
Tgt Ion:164 Resp: 81496

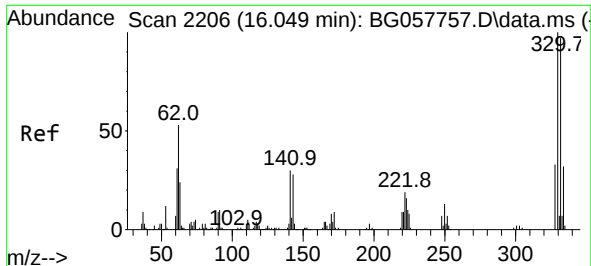
Ion Ratio Lower Upper

164 100

162 97.5 78.3 117.5

160 45.4 35.4 53.0

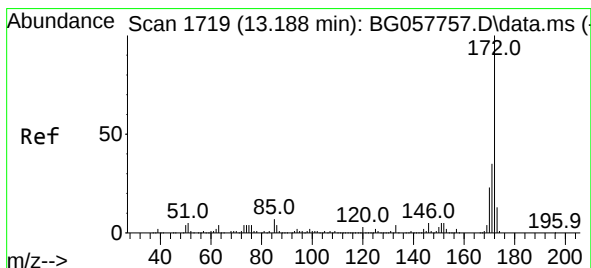
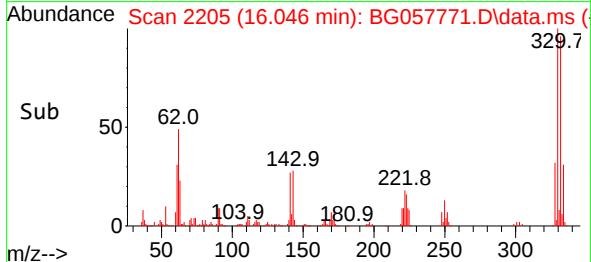
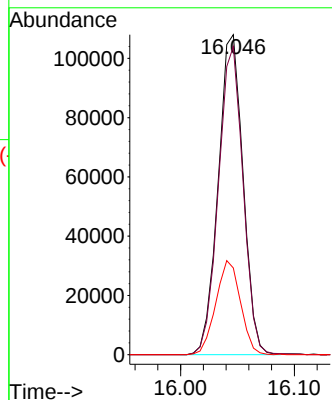
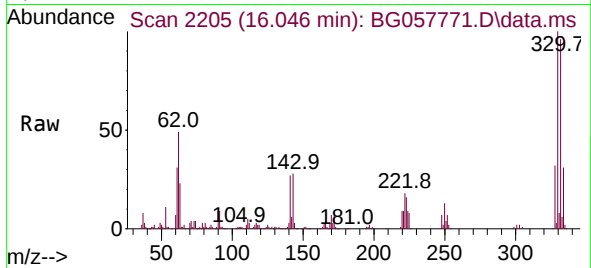




#42
2,4,6-Tribromophenol
Concen: 144.526 ng
RT: 16.046 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG057771.D
Acq: 20 Jun 2023 11:26

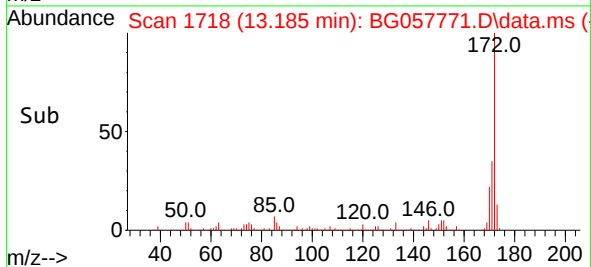
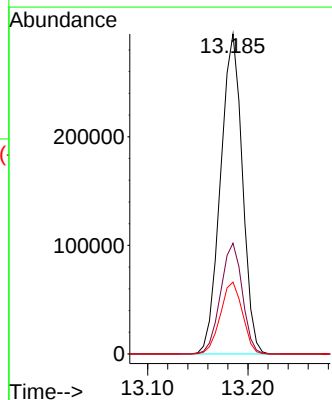
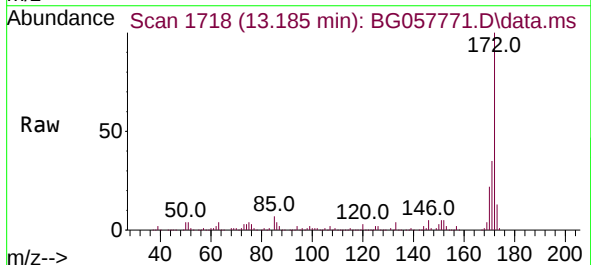
Instrument :
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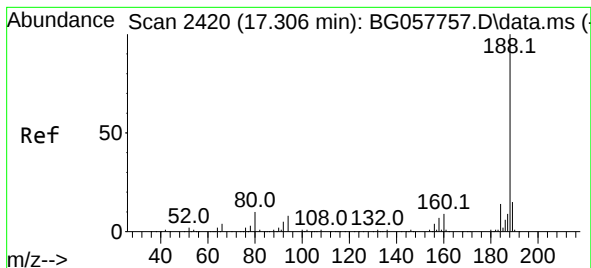
Tgt Ion:330 Resp: 164071
Ion Ratio Lower Upper
330 100
332 95.3 76.6 115.0
141 29.1 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 82.698 ng
RT: 13.185 min Scan# 1718
Delta R.T. -0.003 min
Lab File: BG057771.D
Acq: 20 Jun 2023 11:26

Tgt Ion:172 Resp: 444345
Ion Ratio Lower Upper
172 100
171 34.6 28.1 42.1
170 22.4 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.304 min Scan# 24

Delta R.T. -0.003 min

Lab File: BG057771.D

Acq: 20 Jun 2023 11:26

Instrument :

BNA_G

ClientSampleId :

WS-SOIL2-0615

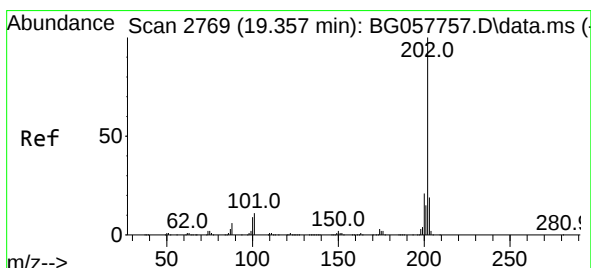
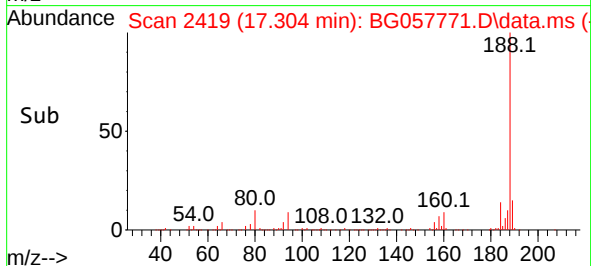
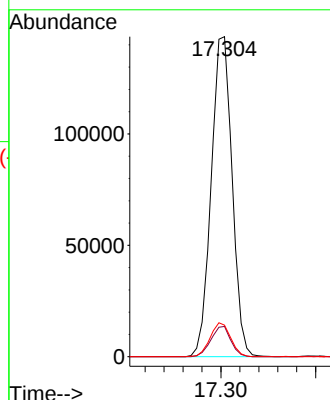
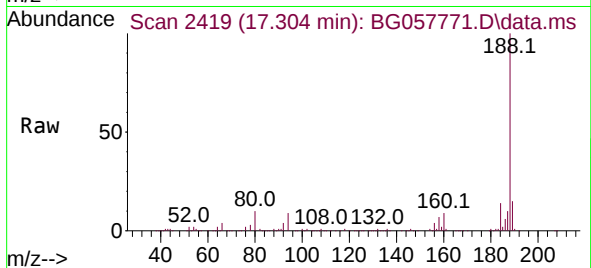
Tgt Ion:188 Resp: 219583

Ion Ratio Lower Upper

188 100

94 9.4 6.6 9.8

80 9.8 7.6 11.4



#75

Fluoranthene

Concen: 3.291 ng

RT: 19.354 min Scan# 2768

Delta R.T. -0.003 min

Lab File: BG057771.D

Acq: 20 Jun 2023 11:26

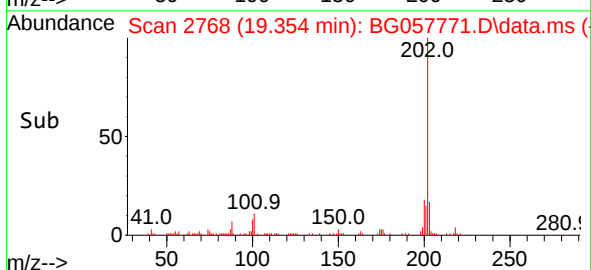
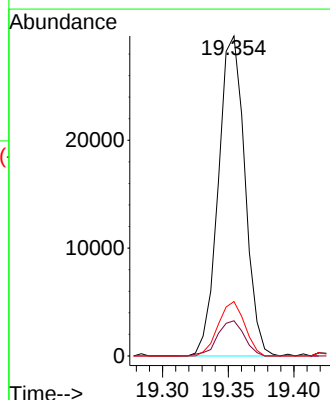
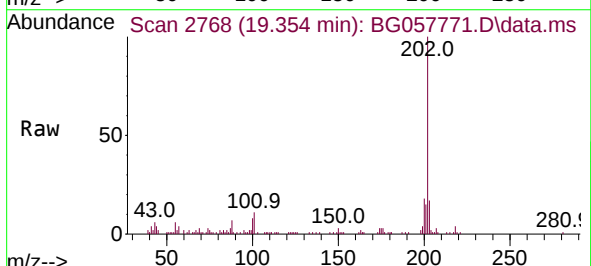
Tgt Ion:202 Resp: 41685

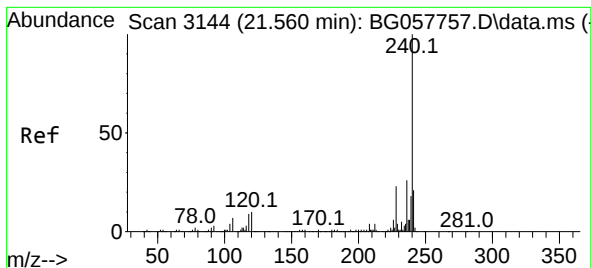
Ion Ratio Lower Upper

202 100

101 11.0 0.0 31.3

203 17.0 0.0 38.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.552 min Scan# 3144

Delta R.T. -0.009 min

Lab File: BG057771.D

Acq: 20 Jun 2023 11:26

Instrument :

BNA_G

ClientSampleId :

WS-SOIL2-0615

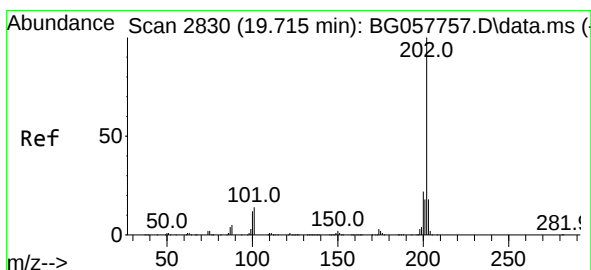
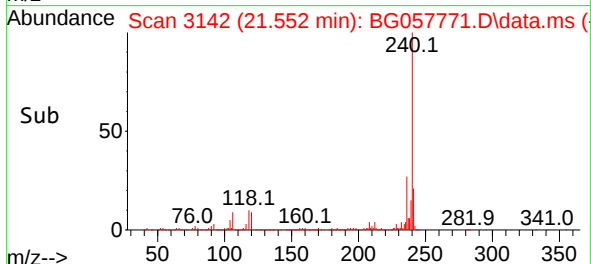
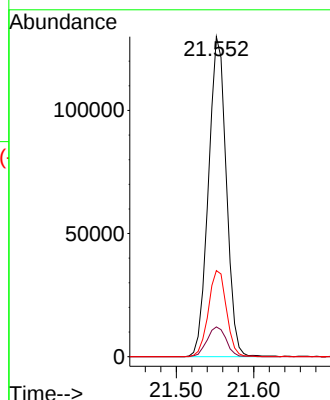
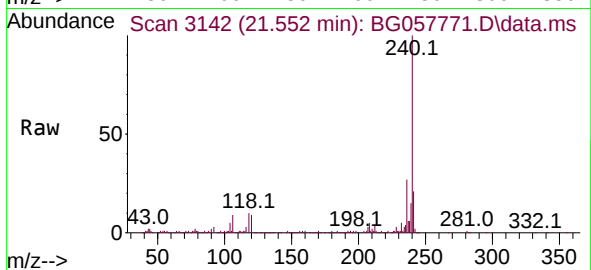
Tgt Ion:240 Resp: 207884

Ion Ratio Lower Upper

240 100

120 9.3 8.1 12.1

236 26.9 20.6 30.8



#78

Pyrene

Concen: 3.688 ng

RT: 19.713 min Scan# 2829

Delta R.T. -0.003 min

Lab File: BG057771.D

Acq: 20 Jun 2023 11:26

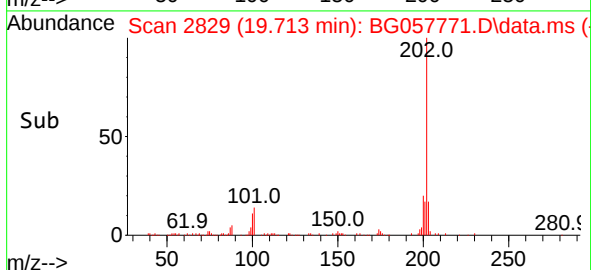
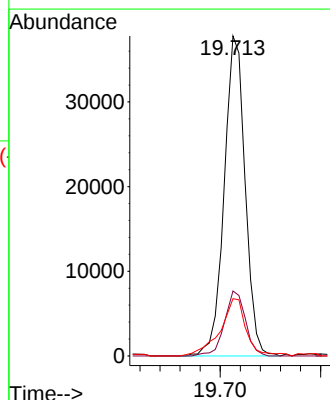
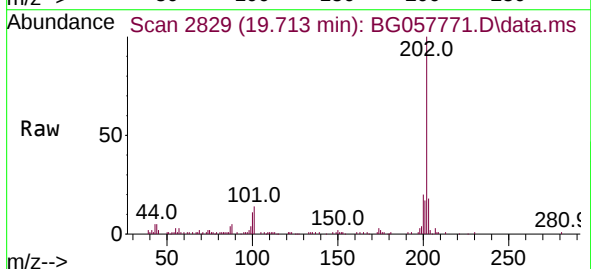
Tgt Ion:202 Resp: 54688

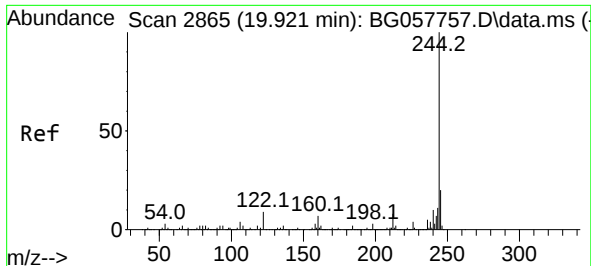
Ion Ratio Lower Upper

202 100

200 20.3 17.4 26.0

203 17.9 14.6 22.0

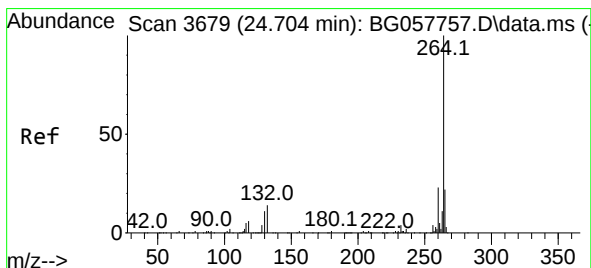
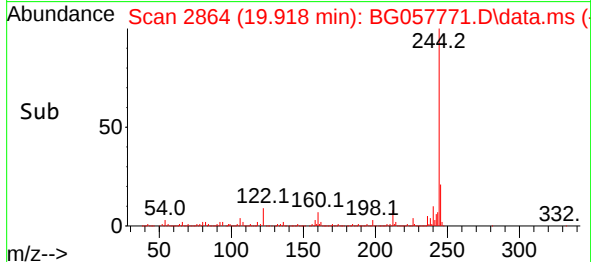
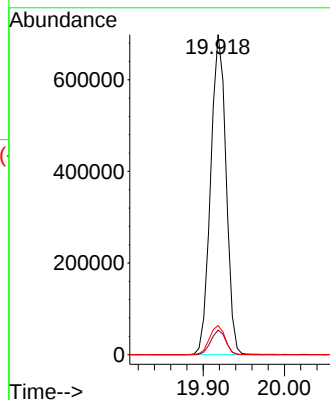
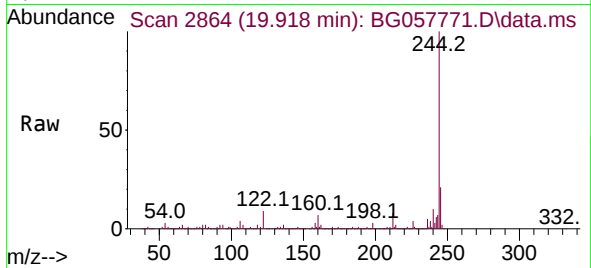




#79
 Terphenyl-d14
 Concen: 82.440 ng
 RT: 19.918 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG057771.D
 Acq: 20 Jun 2023 11:26

Instrument :
 BNA_G
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 WS-SOIL2-0615

Tgt Ion:244 Resp: 919090
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.1 9.1
 122 9.1 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: BG057771.D
 Acq: 20 Jun 2023 11:26

Tgt Ion:264 Resp: 253579
 Ion Ratio Lower Upper
 264 100
 260 22.0 18.5 27.7
 265 21.8 17.4 26.2

