

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062123\
 Data File : BG057788.D
 Acq On : 21 Jun 2023 17:21
 Operator : CG/JU
 Sample : 03262-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WS-SOIL1-0615

Quant Time: Jun 22 04:51:12 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	29060	20.000	ng	0.00
21) Naphthalene-d8	10.729	136	125496	20.000	ng	0.00
39) Acenaphthene-d10	14.559	164	86658	20.000	ng	0.00
64) Phenanthrene-d10	17.303	188	223528	20.000	ng	0.00
76) Chrysene-d12	21.557	240	206819	20.000	ng	0.00
86) Perylene-d12	24.700	264	261478	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	268272	142.344	ng	0.00
7) Phenol-d6	7.086	99	355403	123.587	ng	0.00
23) Nitrobenzene-d5	9.083	82	242027	98.981	ng	0.00
42) 2,4,6-Tribromophenol	16.046	330	185602	153.754	ng	0.00
45) 2-Fluorobiphenyl	13.185	172	520777	91.150	ng	0.00
79) Terphenyl-d14	19.918	244	1021604	92.107	ng	0.00

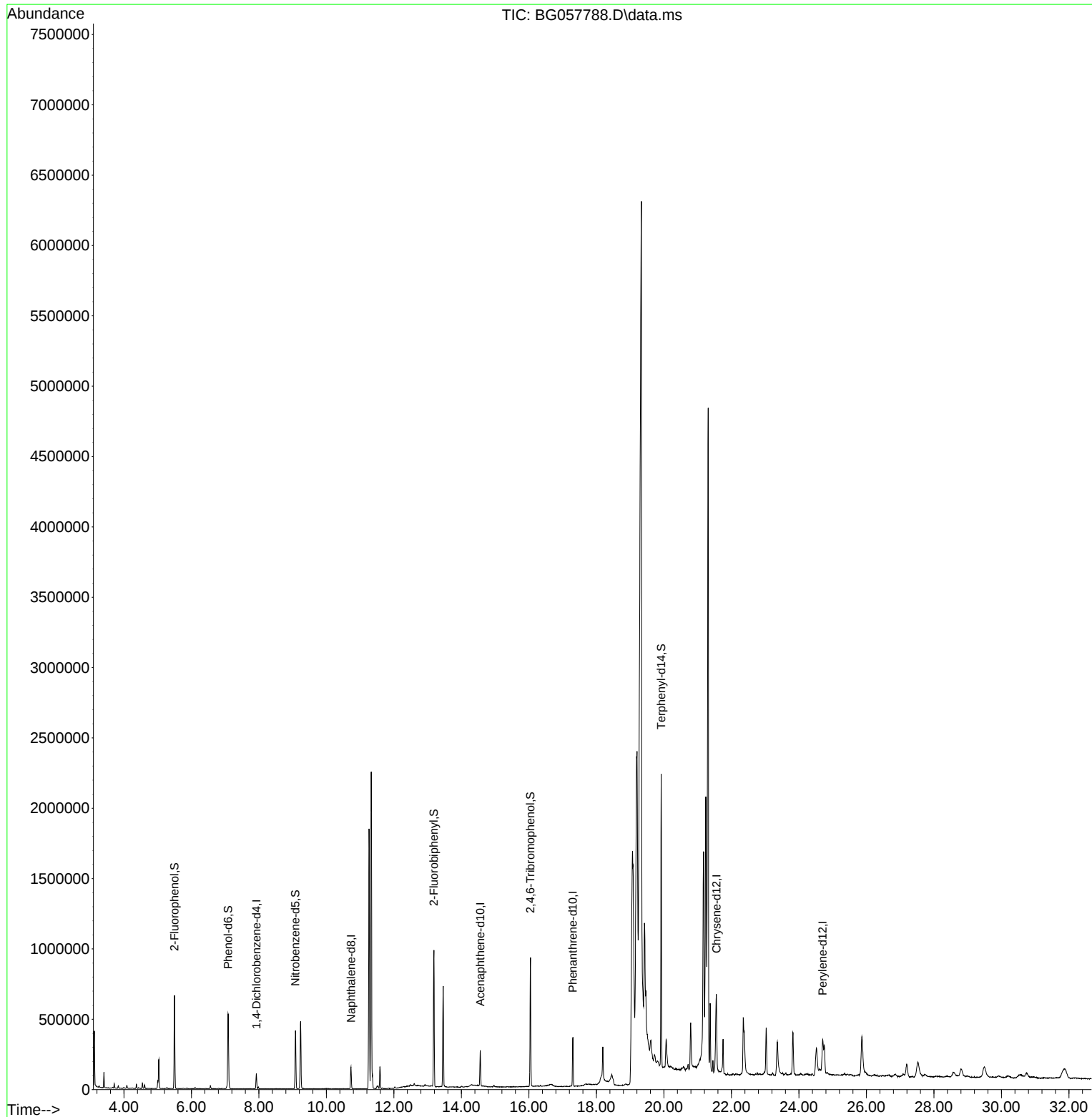
Target Compounds	Qvalue

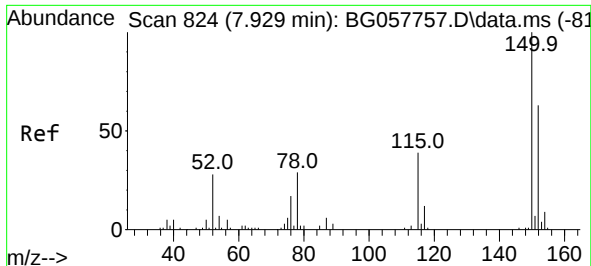
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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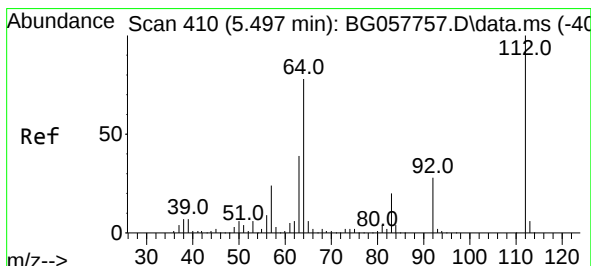
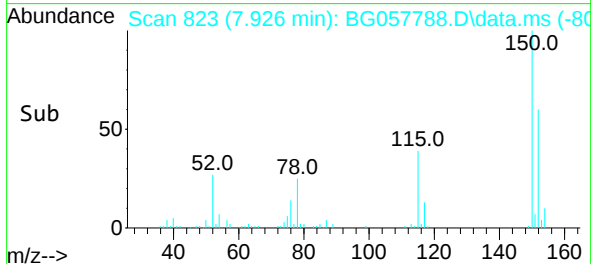
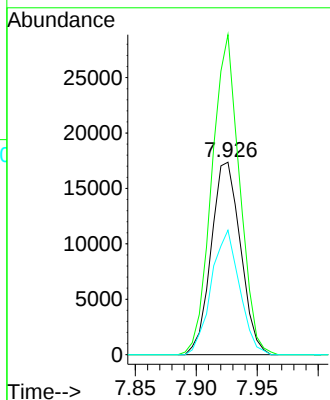
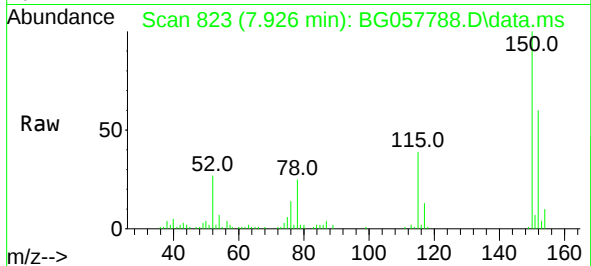




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.926 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG057788.D
Acq: 21 Jun 2023 17:21

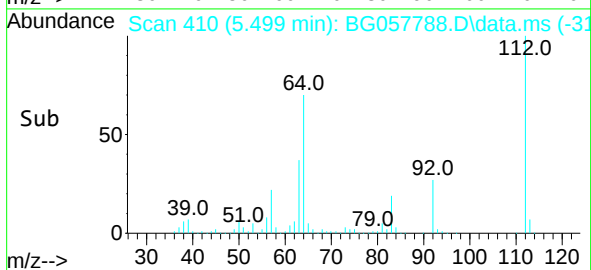
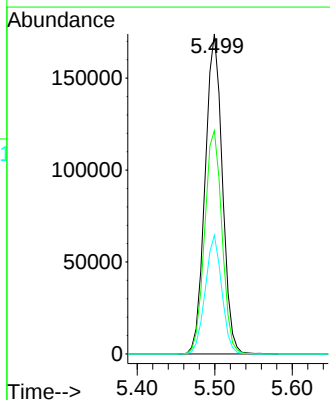
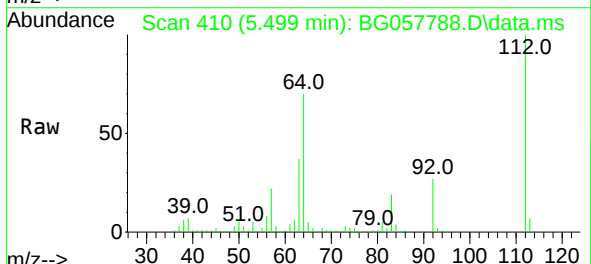
Instrument :
BNA_G
ClientSampleId :
WS-SOIL1-0615

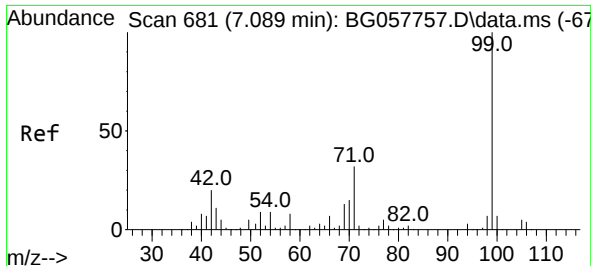
Tgt Ion:152 Resp: 29060
Ion Ratio Lower Upper
152 100
150 166.2 126.6 189.8
115 64.7 48.9 73.3



#5
2-Fluorophenol
Concen: 142.344 ng
RT: 5.499 min Scan# 410
Delta R.T. 0.002 min
Lab File: BG057788.D
Acq: 21 Jun 2023 17:21

Tgt Ion:112 Resp: 268272
Ion Ratio Lower Upper
112 100
64 69.7 62.1 93.1
63 37.2 31.5 47.3

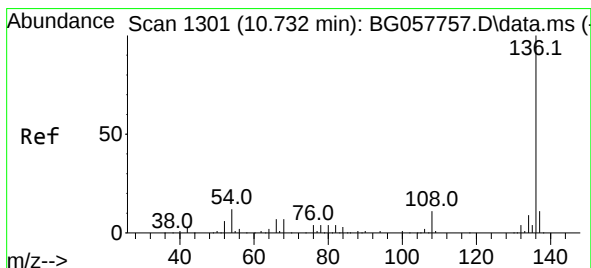
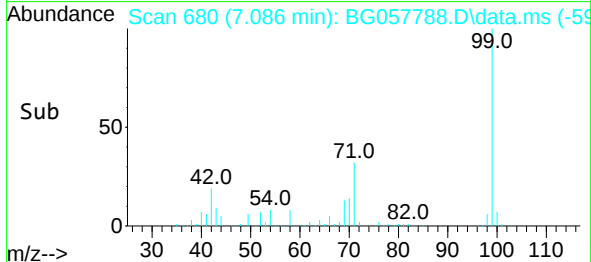
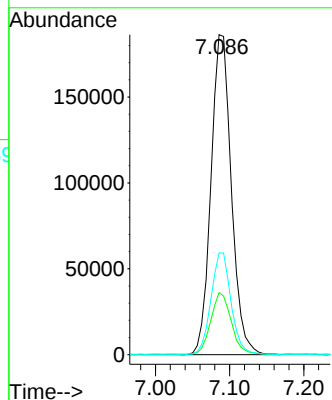
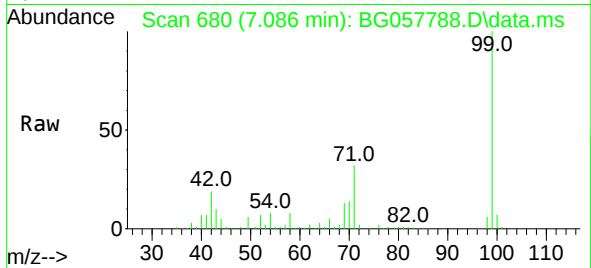




#7
Phenol-d6
Concen: 123.587 ng
RT: 7.086 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG057788.D
Acq: 21 Jun 2023 17:21

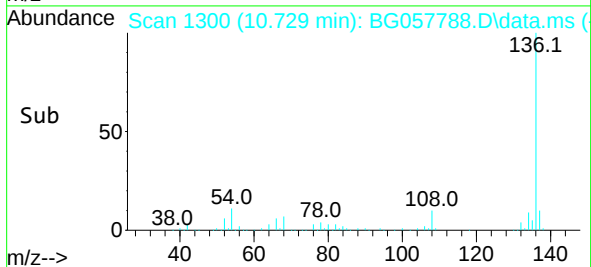
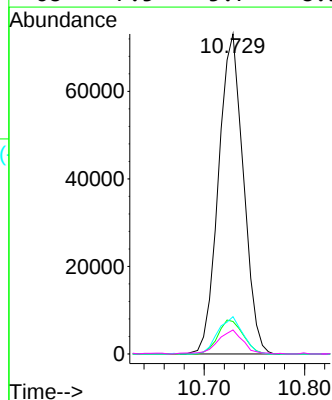
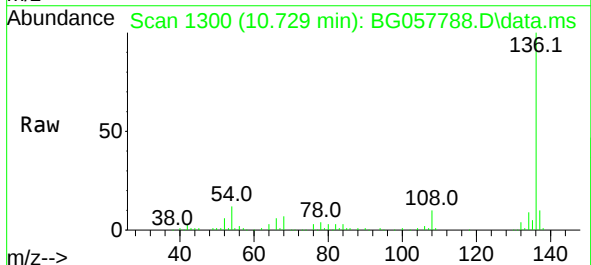
Instrument :
BNA_G
ClientSampleId :
WS-SOIL1-0615

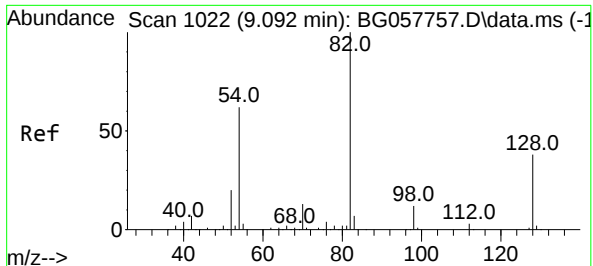
Tgt Ion: 99 Resp: 355403
Ion Ratio Lower Upper
99 100
42 19.4 16.4 24.6
71 31.8 25.8 38.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.729 min Scan# 1300
Delta R.T. -0.003 min
Lab File: BG057788.D
Acq: 21 Jun 2023 17:21

Tgt Ion: 136 Resp: 125496
Ion Ratio Lower Upper
136 100
137 10.1 8.5 12.7
54 11.6 9.5 14.3
68 7.5 5.7 8.5





#23

Nitrobenzene-d5

Concen: 98.981 ng

RT: 9.083 min Scan# 1020

Delta R.T. -0.009 min

Lab File: BG057788.D

Acq: 21 Jun 2023 17:21

Instrument :

BNA_G

ClientSampleId :

WS-SOIL1-0615

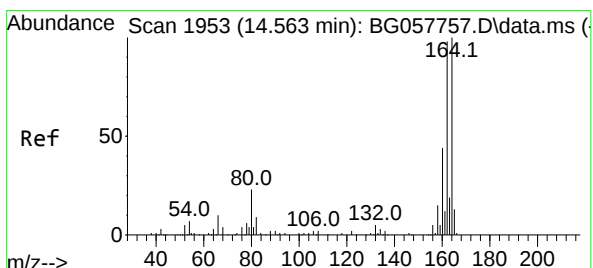
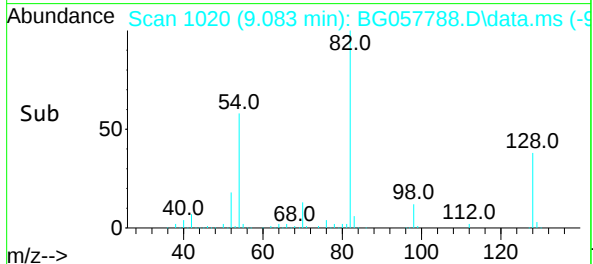
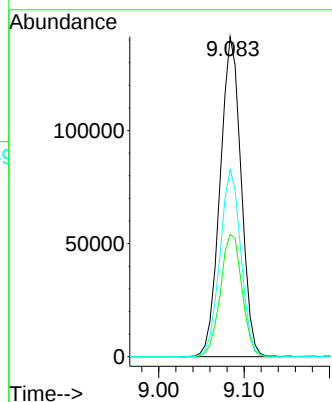
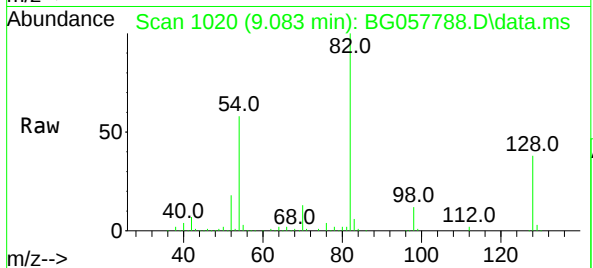
Tgt Ion: 82 Resp: 242027

Ion Ratio Lower Upper

82 100

128 38.3 30.7 46.1

54 58.5 49.6 74.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.559 min Scan# 1952

Delta R.T. -0.003 min

Lab File: BG057788.D

Acq: 21 Jun 2023 17:21

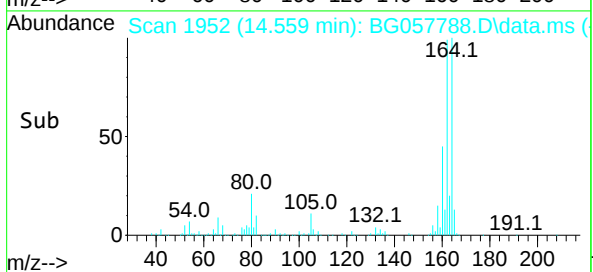
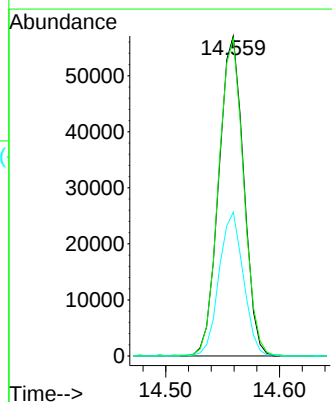
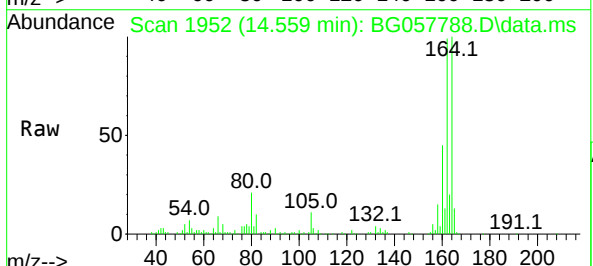
Tgt Ion:164 Resp: 86658

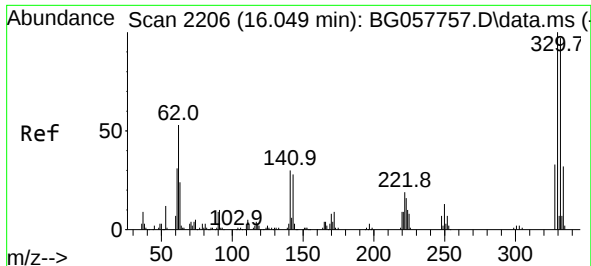
Ion Ratio Lower Upper

164 100

162 99.2 78.3 117.5

160 45.0 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 153.754 ng

RT: 16.046 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG057788.D

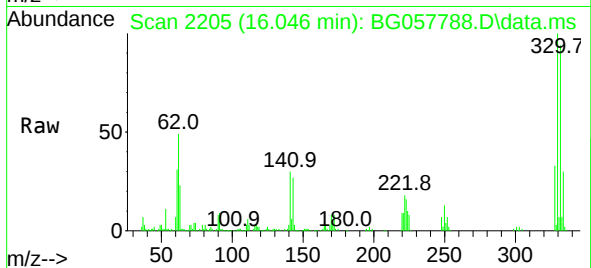
Acq: 21 Jun 2023 17:21

Instrument :

BNA_G

ClientSampleId :

WS-SOIL1-0615



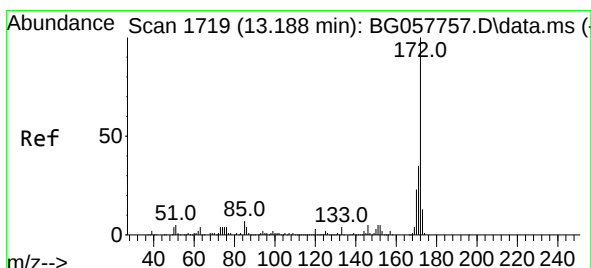
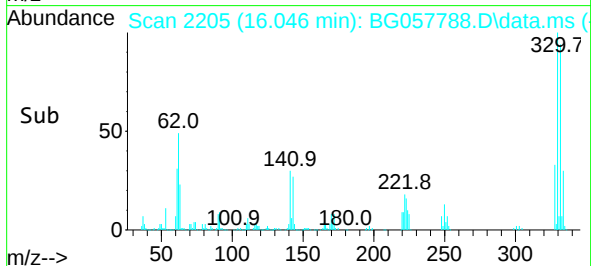
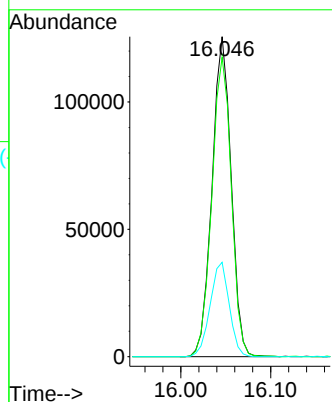
Tgt Ion:330 Resp: 185602

Ion Ratio Lower Upper

330 100

332 95.3 76.6 115.0

141 29.5 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 91.150 ng

RT: 13.185 min Scan# 1718

Delta R.T. -0.003 min

Lab File: BG057788.D

Acq: 21 Jun 2023 17:21

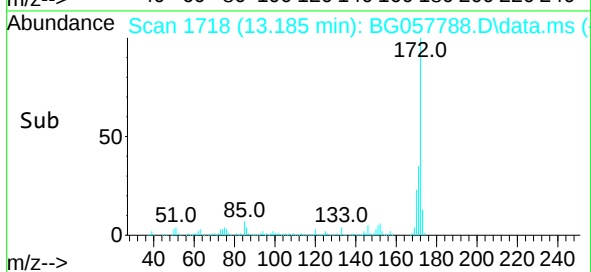
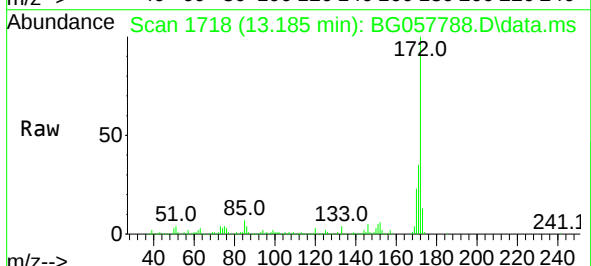
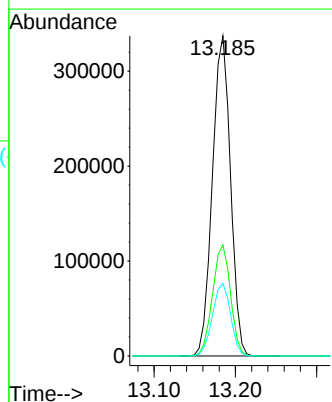
Tgt Ion:172 Resp: 520777

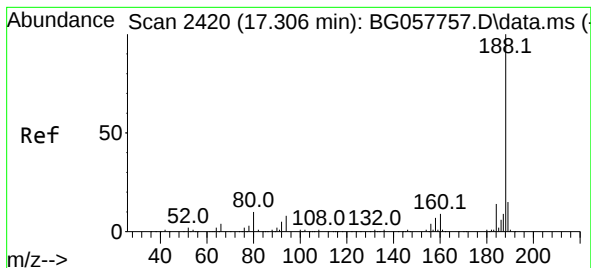
Ion Ratio Lower Upper

172 100

171 34.8 28.1 42.1

170 22.6 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.303 min Scan# 2419

Delta R.T. -0.003 min

Lab File: BG057788.D

Acq: 21 Jun 2023 17:21

Instrument :

BNA_G

ClientSampleId :

WS-SOIL1-0615

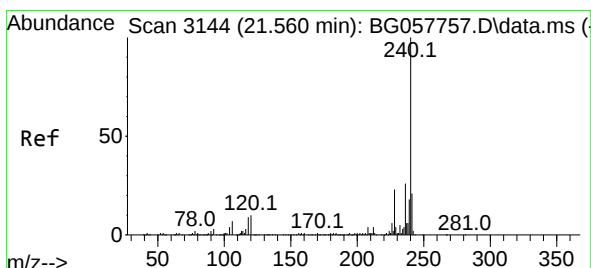
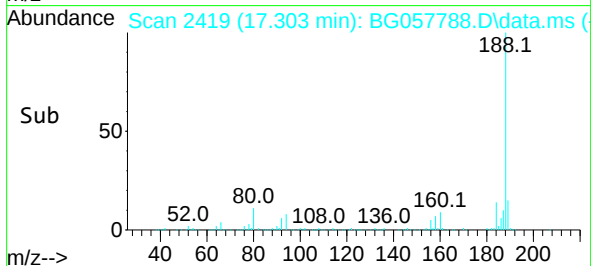
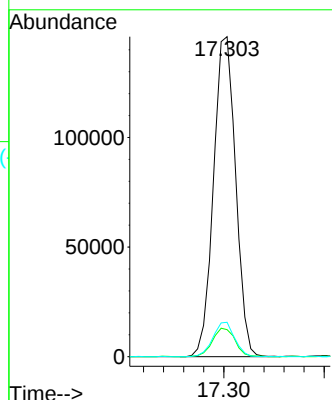
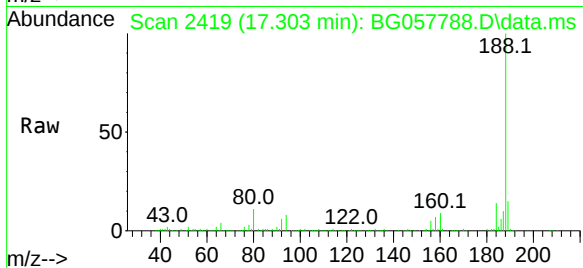
Tgt Ion:188 Resp: 223528

Ion Ratio Lower Upper

188 100

94 8.4 6.6 9.8

80 10.7 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.557 min Scan# 3143

Delta R.T. -0.003 min

Lab File: BG057788.D

Acq: 21 Jun 2023 17:21

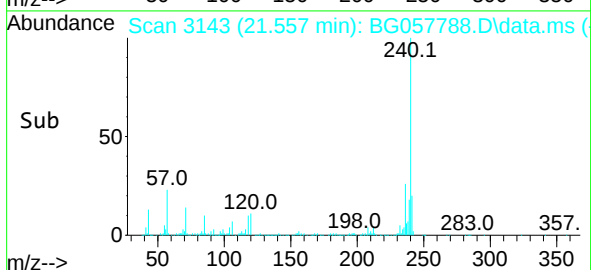
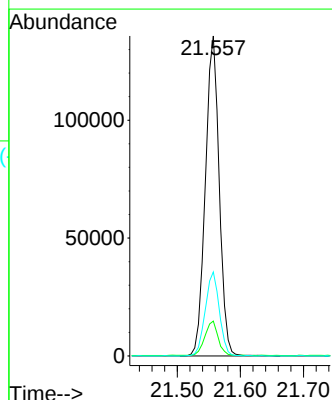
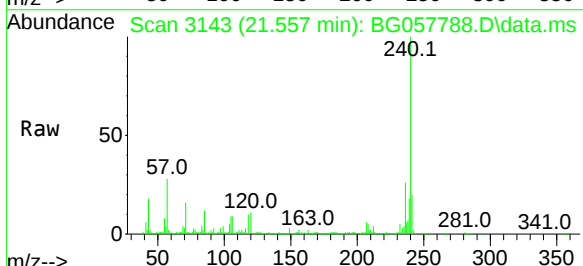
Tgt Ion:240 Resp: 206819

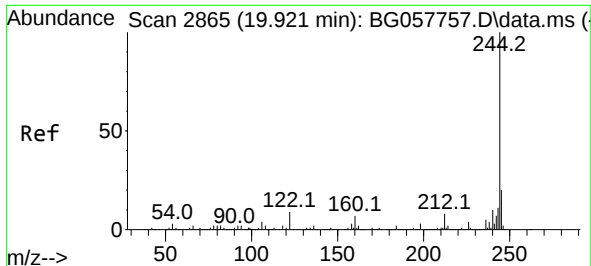
Ion Ratio Lower Upper

240 100

120 10.9 8.1 12.1

236 26.2 20.6 30.8

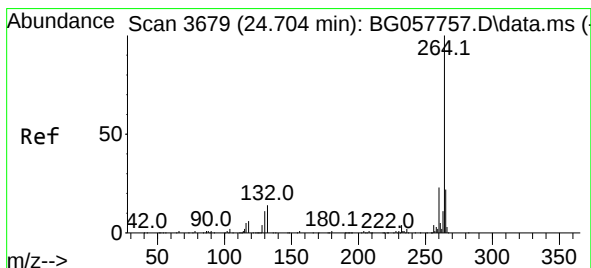
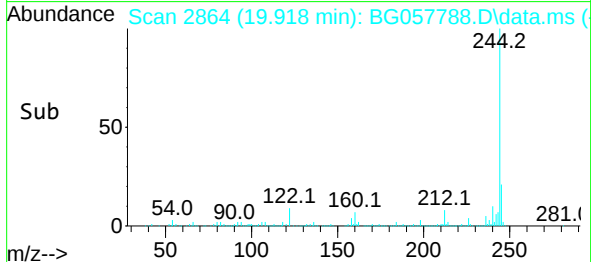
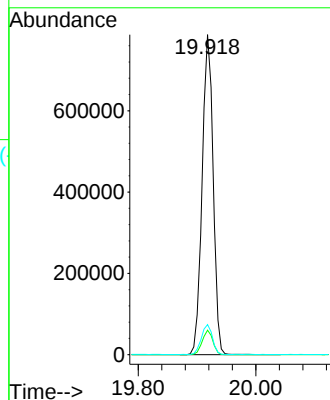
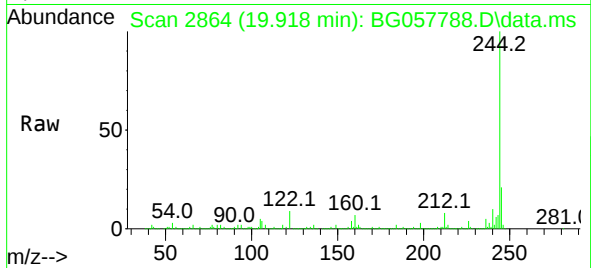




#79
 Terphenyl-d14
 Concen: 92.107 ng
 RT: 19.918 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG057788.D
 Acq: 21 Jun 2023 17:21

Instrument :
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Tgt Ion:244 Resp: 1021604
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.1 9.1
 122 9.4 7.6 11.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.700 min Scan# 3678
 Delta R.T. -0.003 min
 Lab File: BG057788.D
 Acq: 21 Jun 2023 17:21

Tgt Ion:264 Resp: 261478
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.5 27.7
 265 21.2 17.4 26.2

