

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103122\
 Data File : BG055385.D
 Acq On : 31 Oct 2022 19:11
 Operator : CG/JU
 Sample : N5377-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-WC-20221028

Quant Time: Nov 01 06:50:14 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 29 04:52:38 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.264	152	29192	20.000	ng	0.00
21) Naphthalene-d8	11.090	136	121885	20.000	ng	# 0.00
39) Acenaphthene-d10	14.874	164	84287	20.000	ng	0.00
64) Phenanthrene-d10	17.606	188	182972	20.000	ng	# 0.00
76) Chrysene-d12	21.884	240	180089	20.000	ng	# 0.00
86) Perylene-d12	25.274	264	192337	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.791	112	218658	131.154	ng	0.00
7) Phenol-d6	7.412	99	261192	108.137	ng	0.00
23) Nitrobenzene-d5	9.434	82	189035	79.196	ng	0.00
42) 2,4,6-Tribromophenol	16.355	330	154930	169.087	ng	0.00
45) 2-Fluorobiphenyl	13.499	172	455205	88.395	ng	-0.01
79) Terphenyl-d14	20.180	244	811459	93.618	ng	0.00

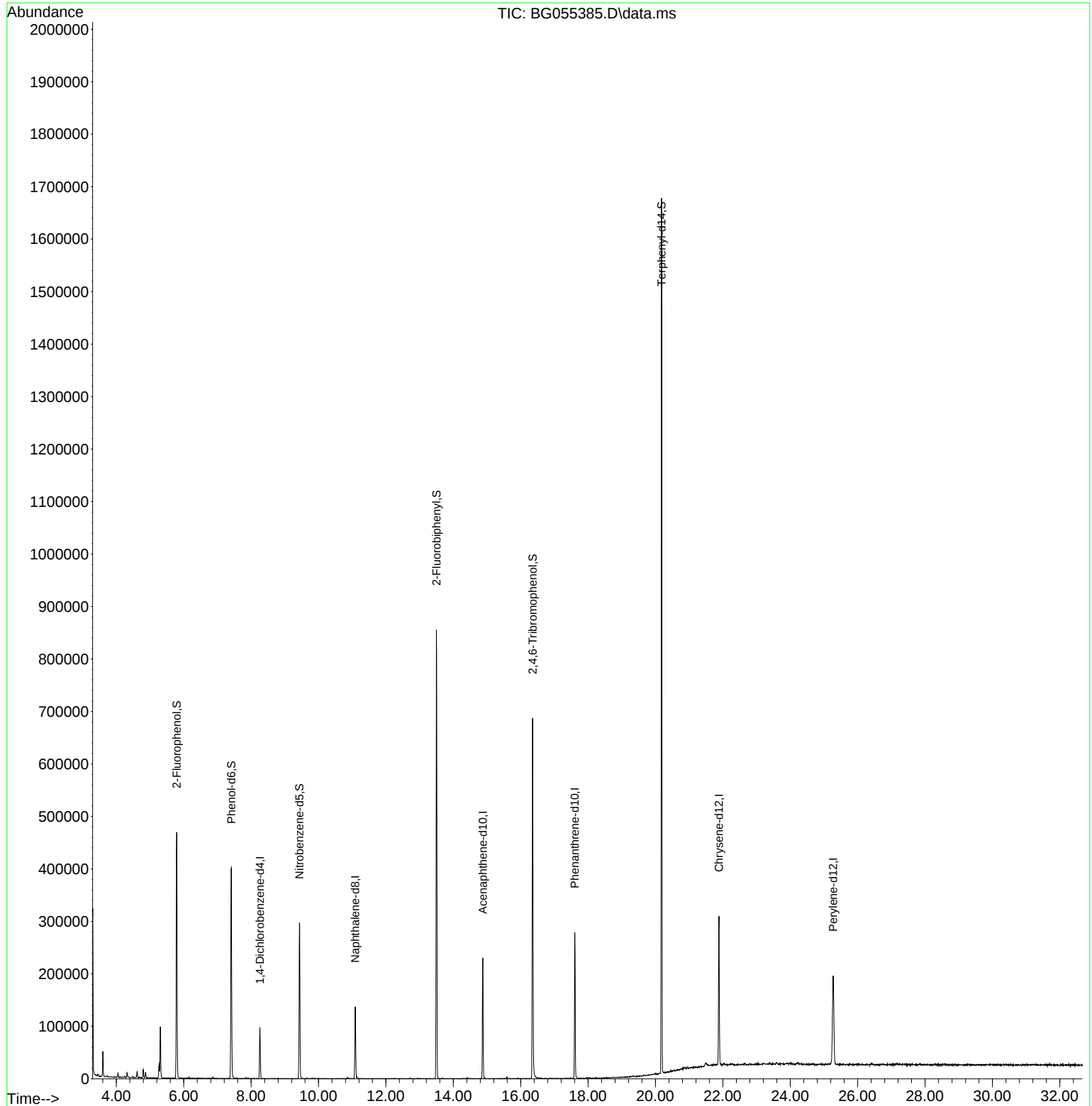
Target Compounds	Qvalue

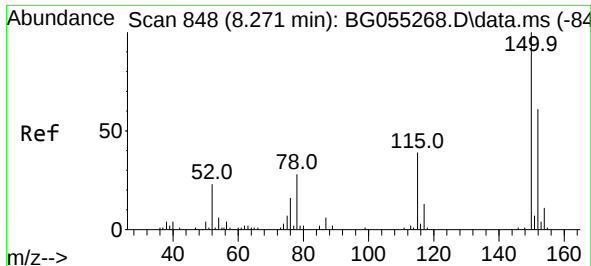
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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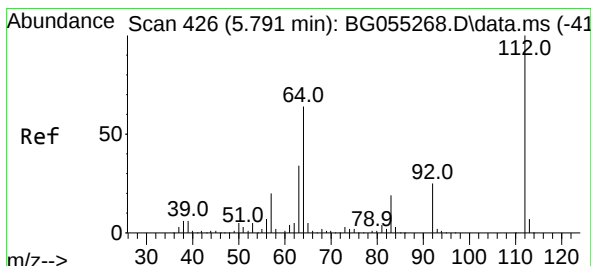
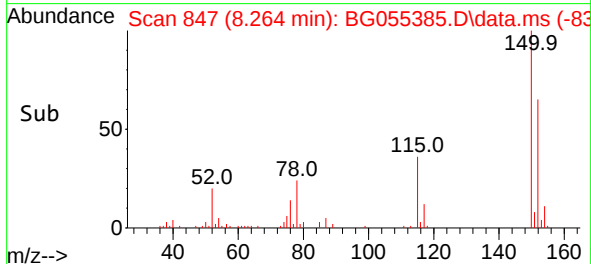
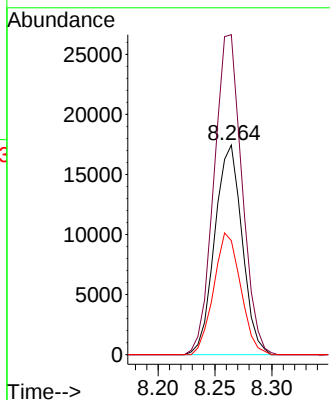
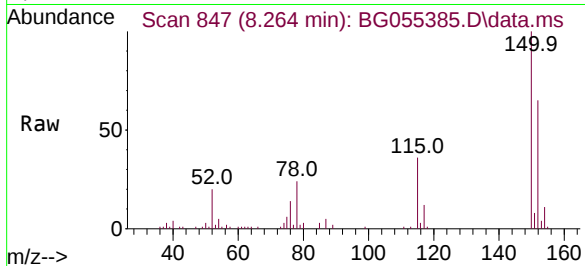




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.264 min Scan# 84
Delta R.T. -0.001 min
Lab File: BG055385.D
Acq: 31 Oct 2022 19:11

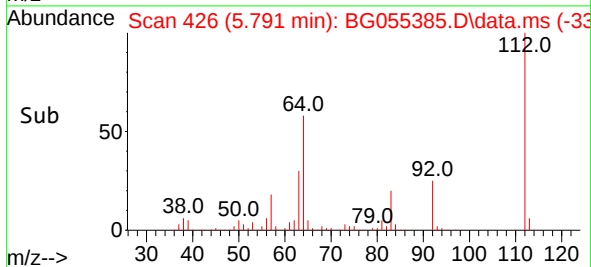
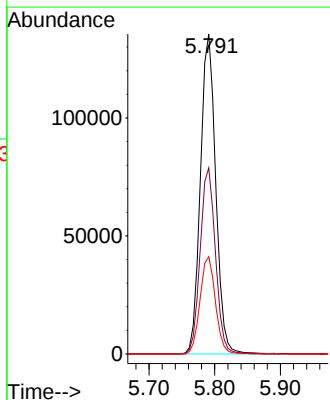
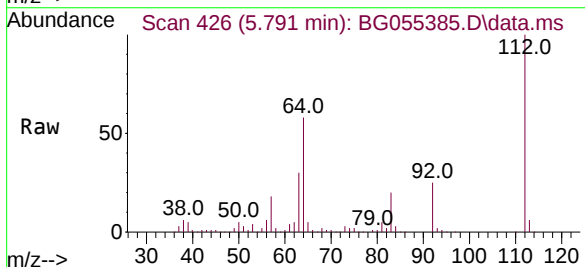
Instrument :
BNA_G
ClientSampleId :
SOIL-WC-20221028

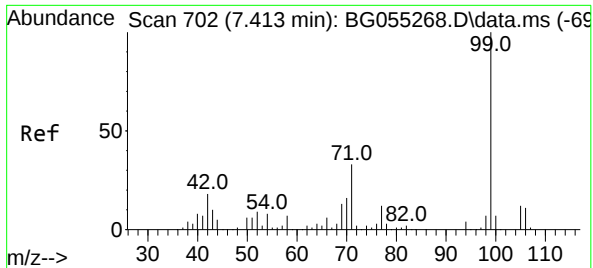
Tgt Ion:152 Resp: 29192
Ion Ratio Lower Upper
152 100
150 152.7 118.2 177.4
115 54.4 44.5 66.7



#5
2-Fluorophenol
Concen: 131.154 ng
RT: 5.791 min Scan# 426
Delta R.T. 0.005 min
Lab File: BG055385.D
Acq: 31 Oct 2022 19:11

Tgt Ion:112 Resp: 218658
Ion Ratio Lower Upper
112 100
64 58.1 52.6 78.8
63 30.4 27.1 40.7

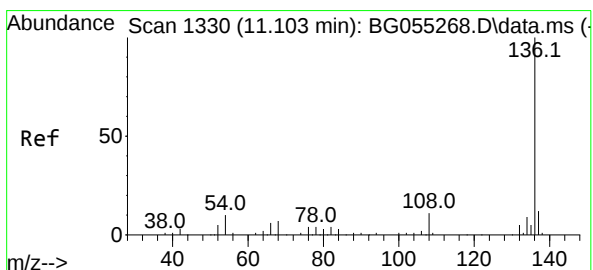
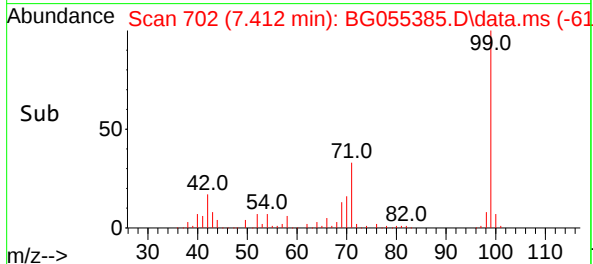
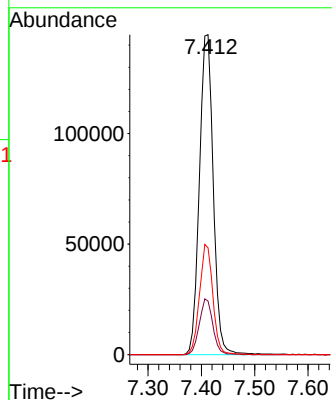
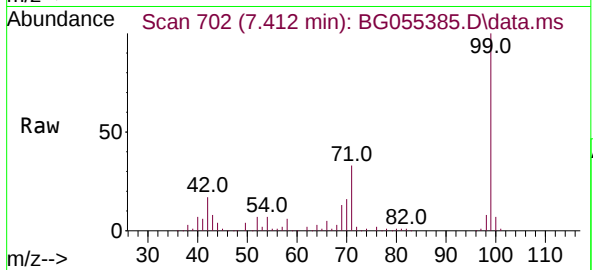




#7
Phenol-d6
Concen: 108.137 ng
RT: 7.412 min Scan# 70
Delta R.T. -0.000 min
Lab File: BG055385.D
Acq: 31 Oct 2022 19:11

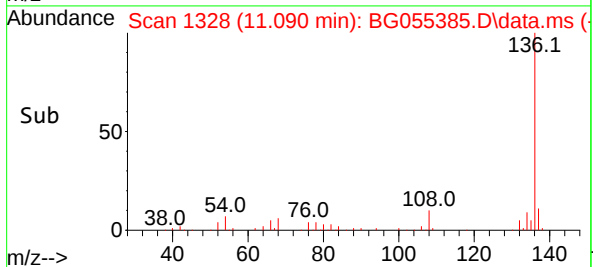
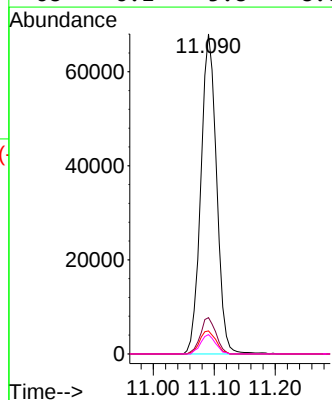
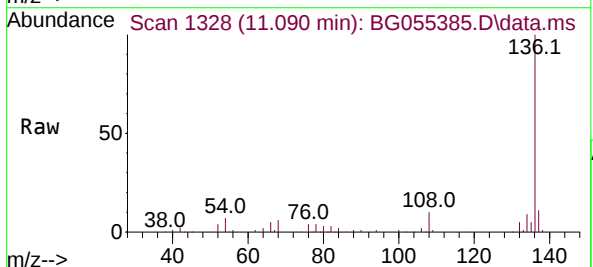
Instrument :
BNA_G
ClientSampleId :
SOIL-WC-20221028

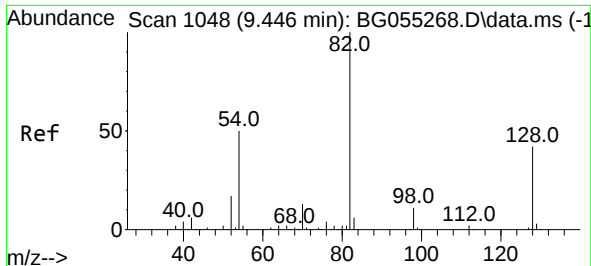
Tgt Ion: 99 Resp: 261192
Ion Ratio Lower Upper
99 100
42 16.8 15.2 22.8
71 33.4 26.2 39.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.090 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BG055385.D
Acq: 31 Oct 2022 19:11

Tgt Ion: 136 Resp: 121885
Ion Ratio Lower Upper
136 100
137 11.3 9.2 13.8
54 7.2 7.8 11.8#
68 6.1 5.8 8.6





#23

Nitrobenzene-d5

Concen: 79.196 ng

RT: 9.434 min Scan# 1046

Delta R.T. -0.006 min

Lab File: BG055385.D

Acq: 31 Oct 2022 19:11

Instrument :

BNA_G

ClientSampleId :

SOIL-WC-20221028

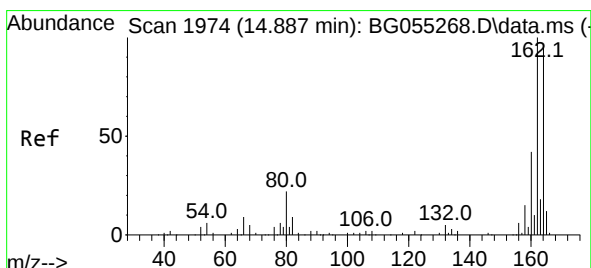
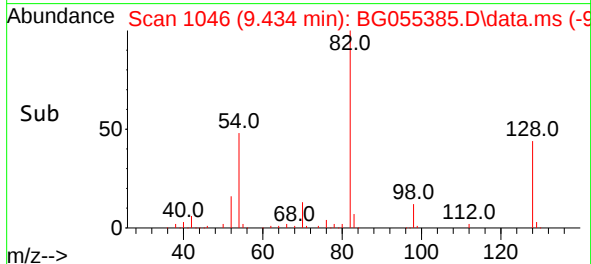
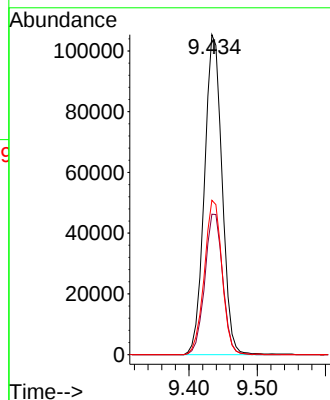
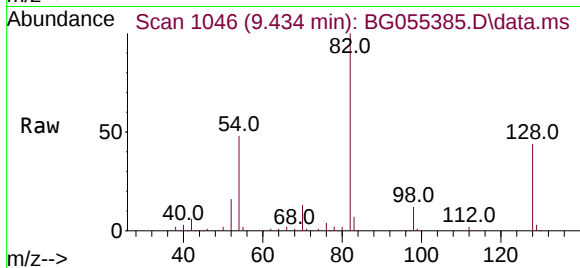
Tgt Ion: 82 Resp: 189035

Ion Ratio Lower Upper

82 100

128 43.9 32.0 48.0

54 48.2 40.9 61.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.874 min Scan# 1972

Delta R.T. -0.006 min

Lab File: BG055385.D

Acq: 31 Oct 2022 19:11

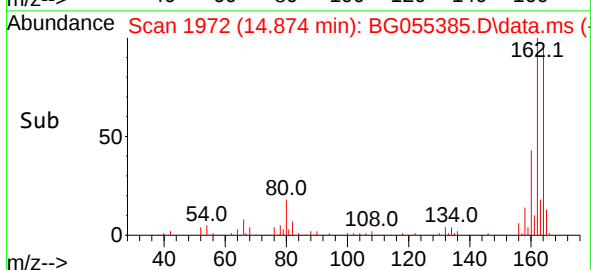
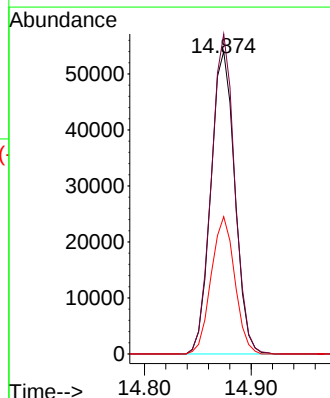
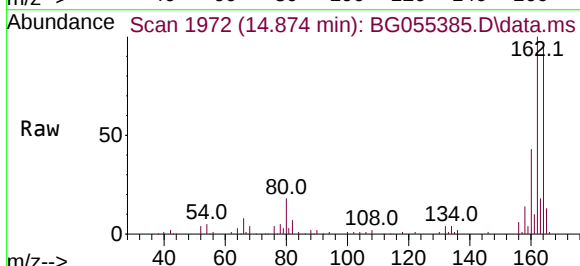
Tgt Ion:164 Resp: 84287

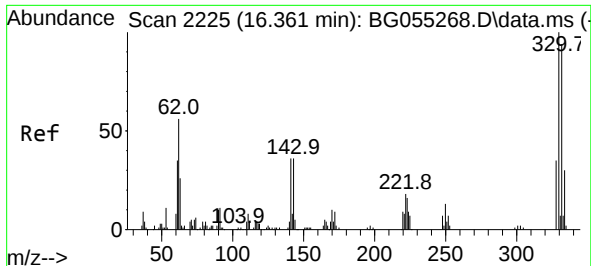
Ion Ratio Lower Upper

164 100

162 105.8 84.0 126.0

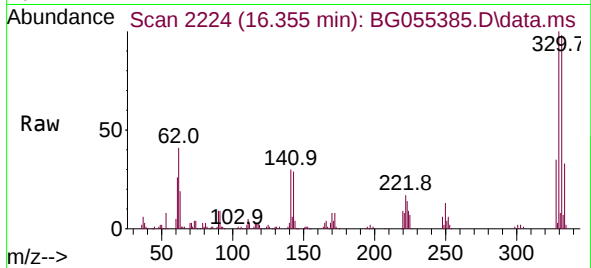
160 45.3 36.7 55.1



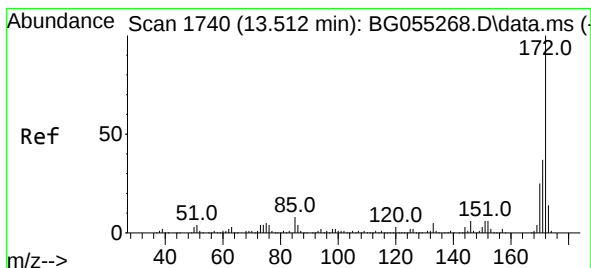
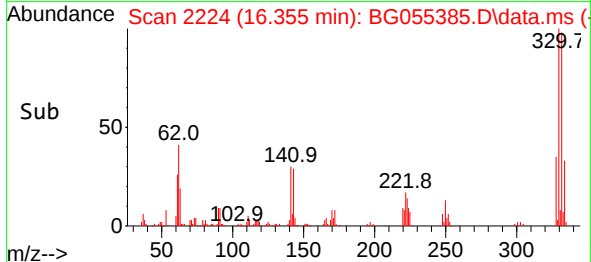
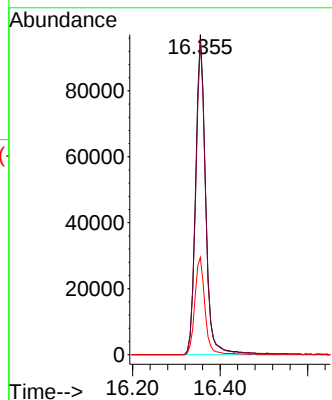


#42
2,4,6-Tribromophenol
Concen: 169.087 ng
RT: 16.355 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG055385.D
Acq: 31 Oct 2022 19:11

Instrument :
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SOIL-WC-20221028

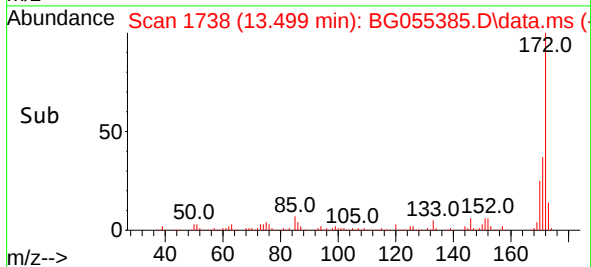
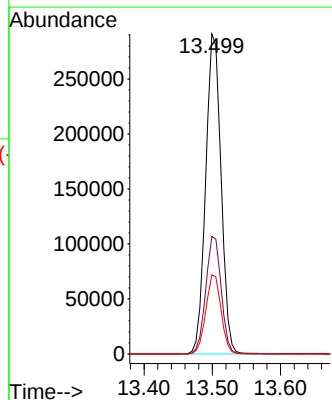
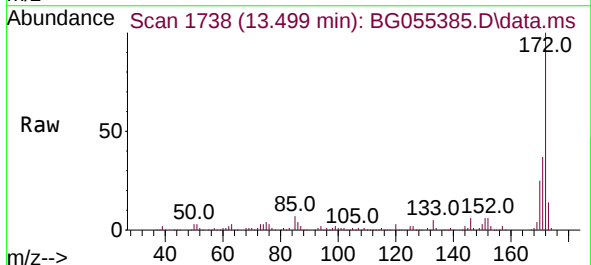


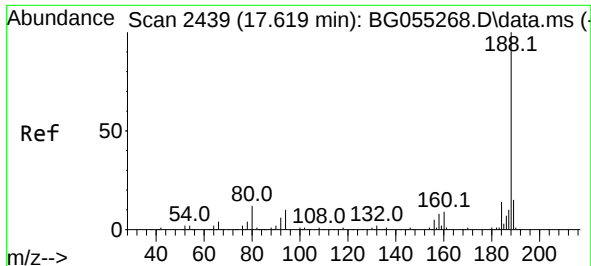
Tgt Ion:330 Resp: 154930
Ion Ratio Lower Upper
330 100
332 96.9 77.4 116.0
141 30.6 29.8 44.8



#45
2-Fluorobiphenyl
Concen: 88.395 ng
RT: 13.499 min Scan# 1738
Delta R.T. -0.012 min
Lab File: BG055385.D
Acq: 31 Oct 2022 19:11

Tgt Ion:172 Resp: 455205
Ion Ratio Lower Upper
172 100
171 36.7 29.7 44.5
170 24.7 20.2 30.2

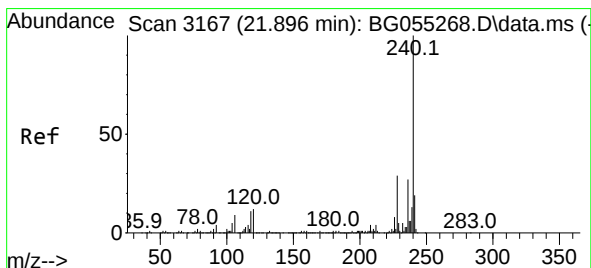
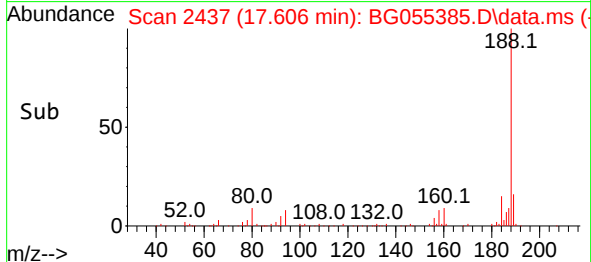
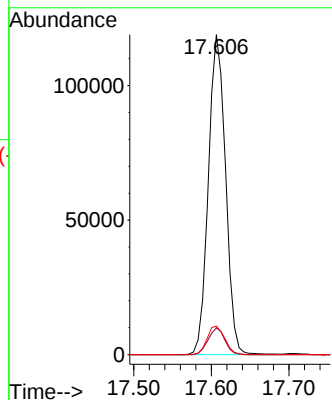
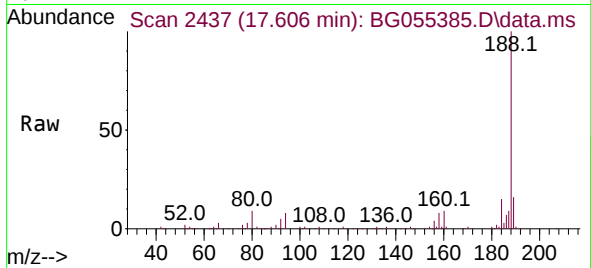




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.606 min Scan# 2437
Delta R.T. -0.006 min
Lab File: BG055385.D
Acq: 31 Oct 2022 19:11

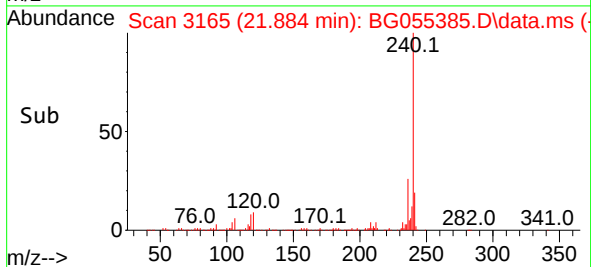
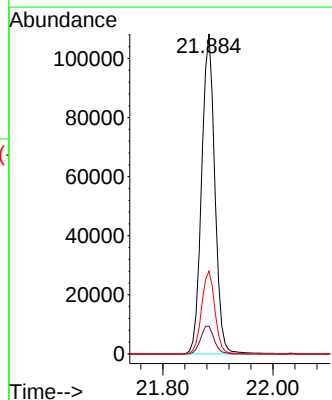
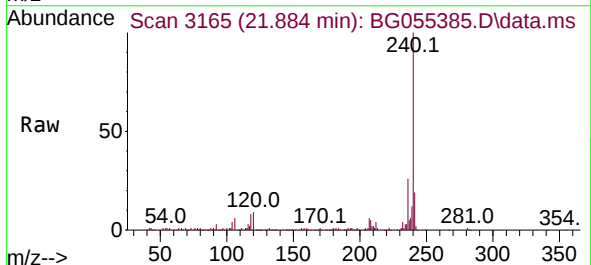
Instrument :
BNA_G
ClientSampleId :
SOIL-WC-20221028

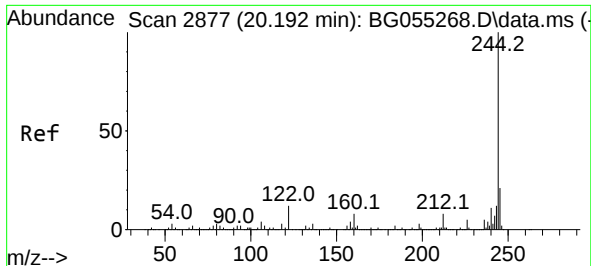
Tgt Ion:188 Resp: 182972
Ion Ratio Lower Upper
188 100
94 8.4 8.2 12.4
80 8.9 10.1 15.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.884 min Scan# 3165
Delta R.T. -0.006 min
Lab File: BG055385.D
Acq: 31 Oct 2022 19:11

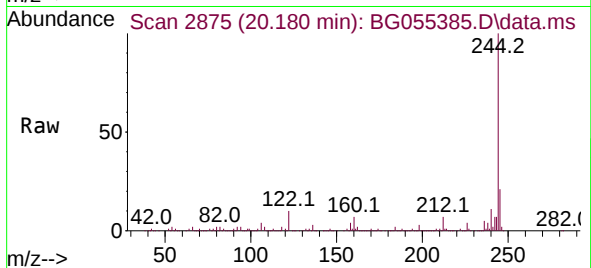
Tgt Ion:240 Resp: 180089
Ion Ratio Lower Upper
240 100
120 8.6 8.9 13.3#
236 25.9 21.0 31.4



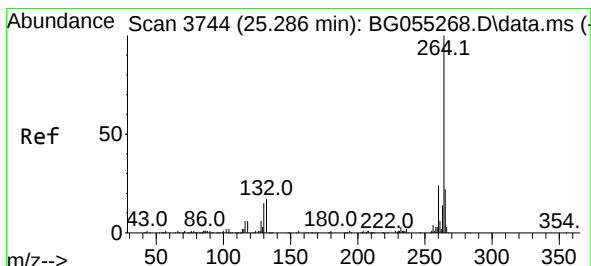
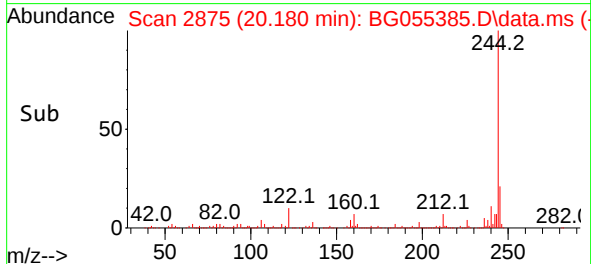
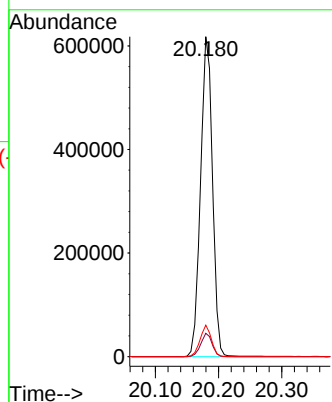


#79
 Terphenyl-d14
 Concen: 93.618 ng
 RT: 20.180 min Scan# 2875
 Delta R.T. -0.006 min
 Lab File: BG055385.D
 Acq: 31 Oct 2022 19:11

Instrument :
 BNA_G
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Tgt Ion:244 Resp: 811459
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 9.8 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.274 min Scan# 3742
 Delta R.T. -0.012 min
 Lab File: BG055385.D
 Acq: 31 Oct 2022 19:11

Tgt Ion:264 Resp: 192337
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.5 29.3
 265 21.2 17.4 26.2

