

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040424\
 Data File : BG060781.D
 Acq On : 4 Apr 2024 16:53
 Operator : MA/JU
 Sample : P1974-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-1

Quant Time: Apr 04 17:27:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 30 03:12:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	66774	20.000	ng	0.00
21) Naphthalene-d8	10.749	136	252932	20.000	ng	0.00
39) Acenaphthene-d10	14.585	164	188922	20.000	ng	0.00
64) Phenanthrene-d10	17.329	188	466131	20.000	ng	0.00
76) Chrysene-d12	21.595	240	461322	20.000	ng	0.00
86) Perylene-d12	24.738	264	550025	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.537	112	341901	85.298	ng	0.00
7) Phenol-d6	7.112	99	432212	72.642	ng	0.00
23) Nitrobenzene-d5	9.104	82	271943	61.350	ng	0.00
42) 2,4,6-Tribromophenol	16.072	330	227778	106.211	ng	0.00
45) 2-Fluorobiphenyl	13.211	172	582193	45.227	ng	0.00
79) Terphenyl-d14	19.956	244	1213185	46.306	ng	0.00

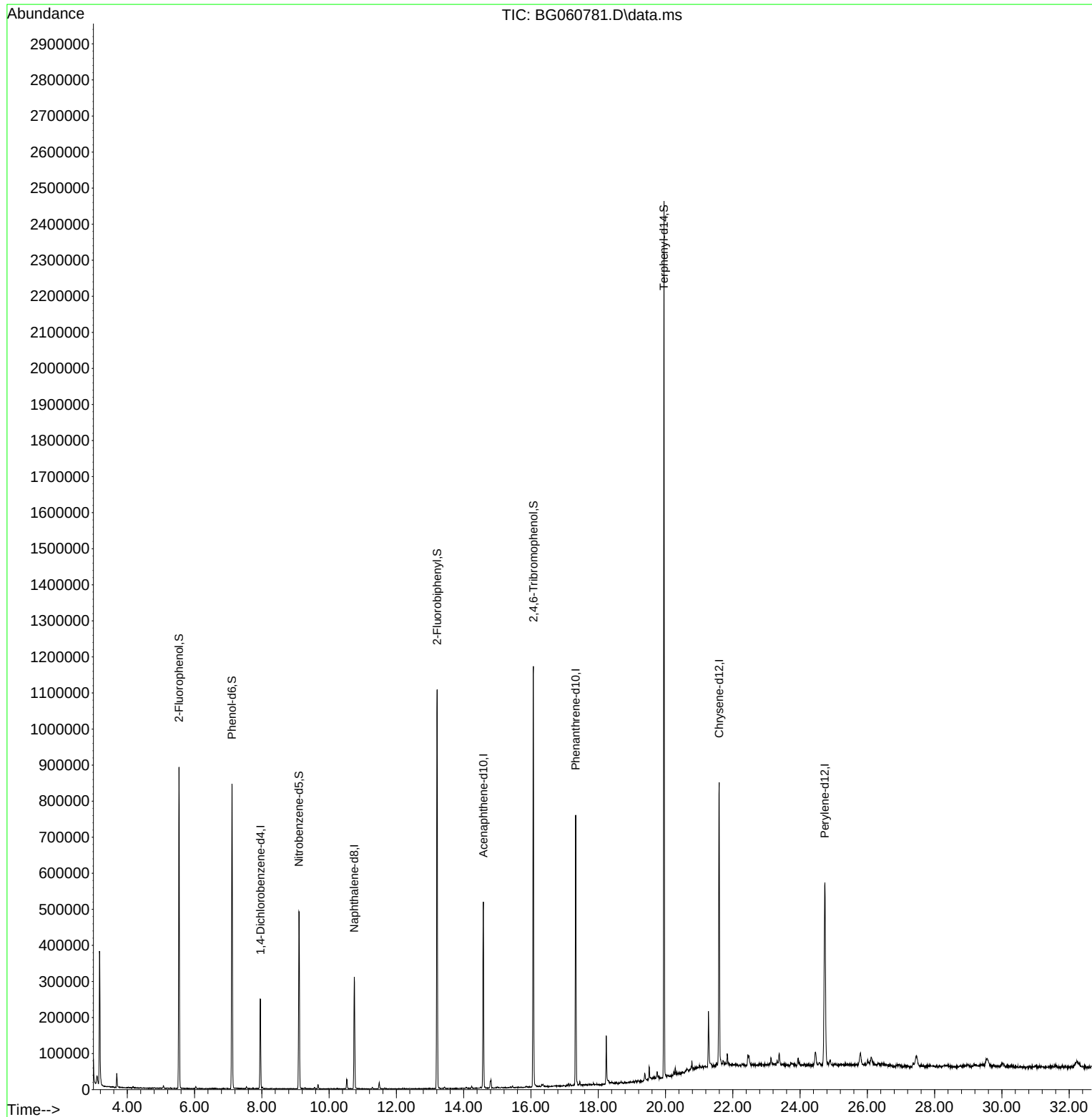
Target Compounds	Qvalue

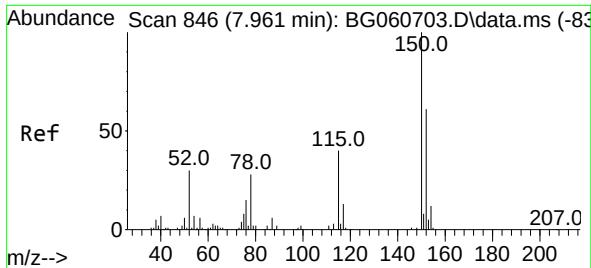
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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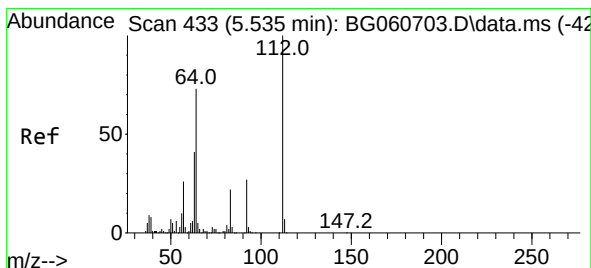
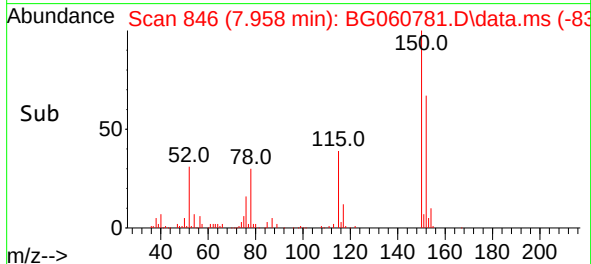
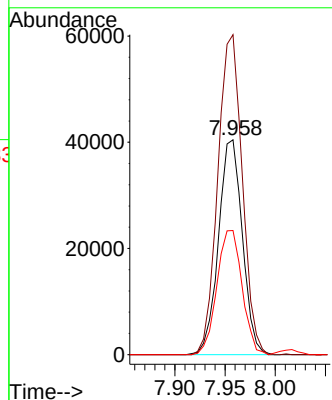
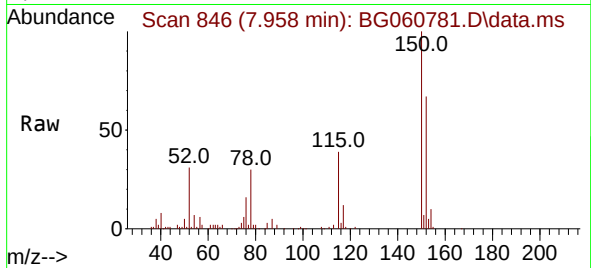




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.958 min Scan# 846
 Delta R.T. -0.003 min
 Lab File: BG060781.D
 Acq: 4 Apr 2024 16:53

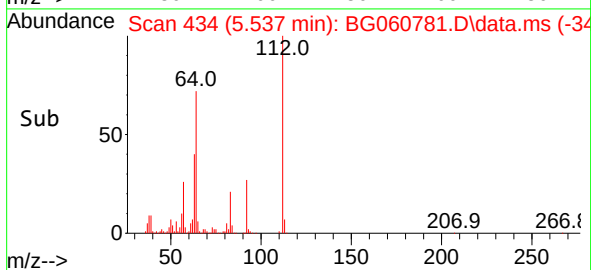
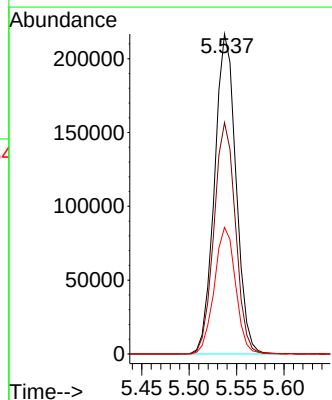
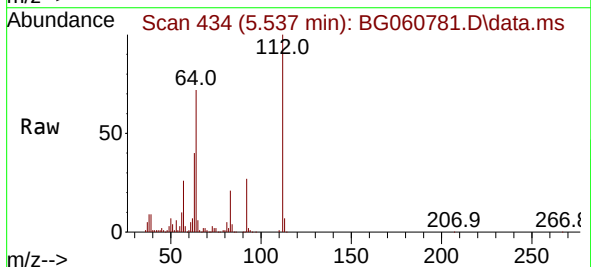
Instrument :
 BNA_G
 ClientSampleId :
 SOIL-1

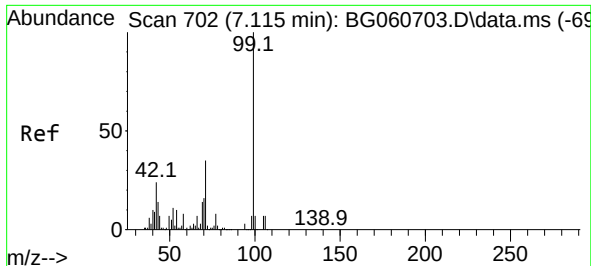
Tgt Ion:152 Resp: 66774
 Ion Ratio Lower Upper
 152 100
 150 148.9 130.2 195.4
 115 57.8 51.6 77.4



#5
 2-Fluorophenol
 Concen: 85.298 ng
 RT: 5.537 min Scan# 434
 Delta R.T. 0.002 min
 Lab File: BG060781.D
 Acq: 4 Apr 2024 16:53

Tgt Ion:112 Resp: 341901
 Ion Ratio Lower Upper
 112 100
 64 72.3 58.4 87.6
 63 39.5 32.7 49.1

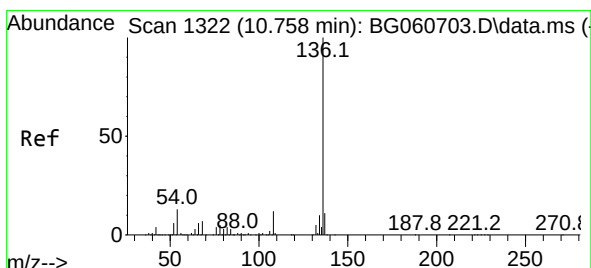
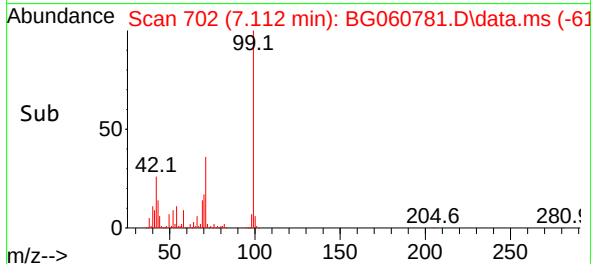
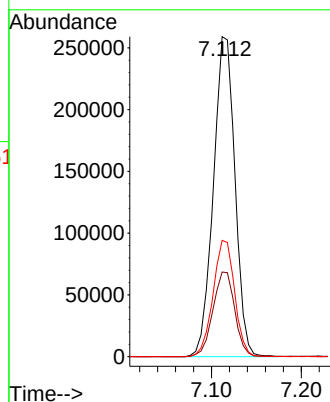
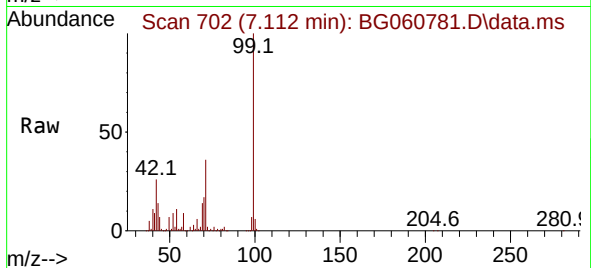




#7
Phenol-d6
Concen: 72.642 ng
RT: 7.112 min Scan# 702
Delta R.T. -0.004 min
Lab File: BG060781.D
Acq: 4 Apr 2024 16:53

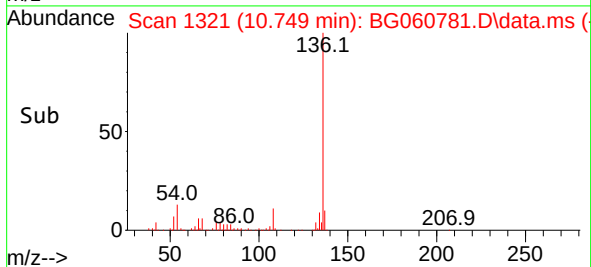
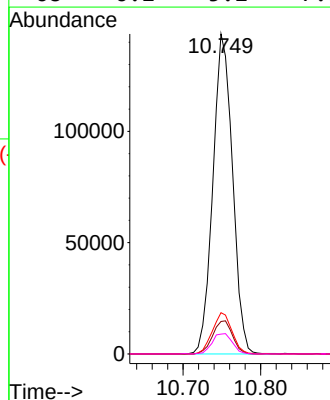
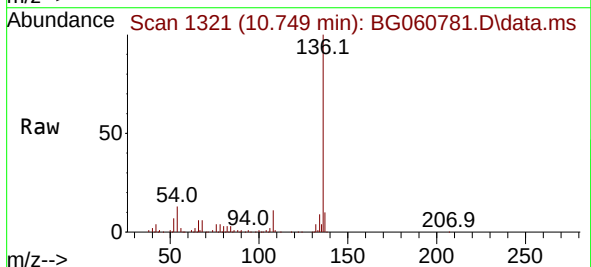
Instrument :
BNA_G
ClientSampleId :
SOIL-1

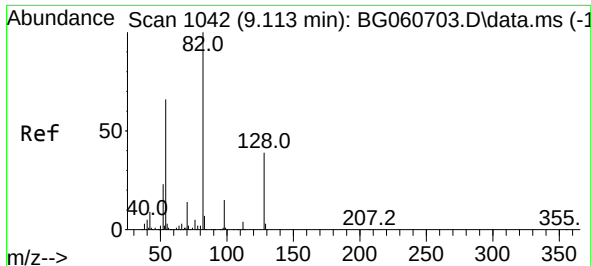
Tgt Ion: 99 Resp: 432212
Ion Ratio Lower Upper
99 100
42 26.5 19.4 29.2
71 36.4 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.749 min Scan# 1321
Delta R.T. -0.009 min
Lab File: BG060781.D
Acq: 4 Apr 2024 16:53

Tgt Ion:136 Resp: 252932
Ion Ratio Lower Upper
136 100
137 10.1 8.8 13.2
54 12.9 10.2 15.2
68 6.2 5.2 7.8

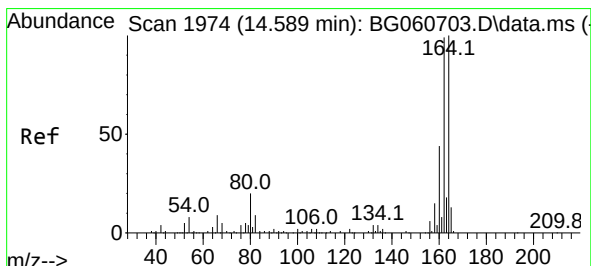
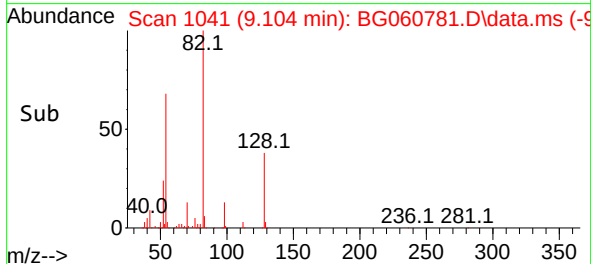
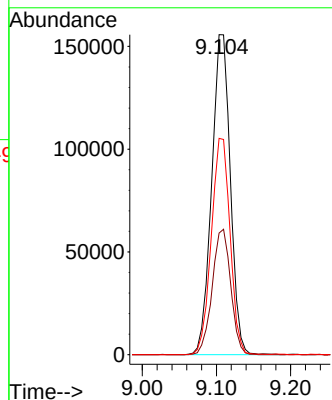
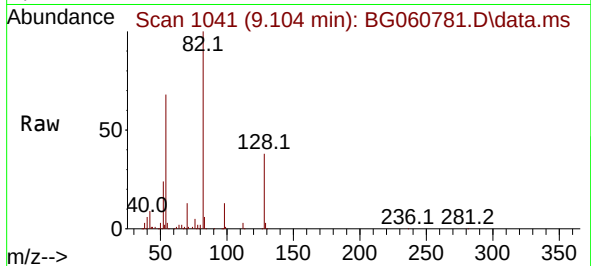




#23
Nitrobenzene-d5
Concen: 61.350 ng
RT: 9.104 min Scan# 1041
Delta R.T. -0.009 min
Lab File: BG060781.D
Acq: 4 Apr 2024 16:53

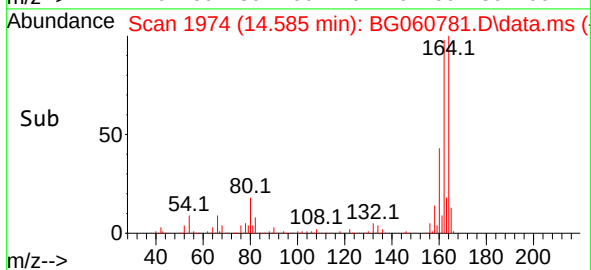
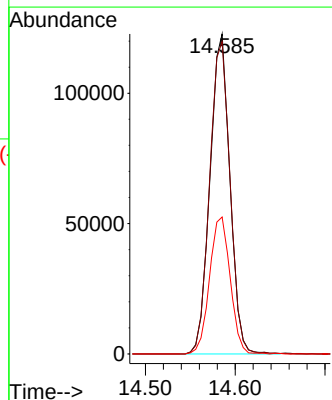
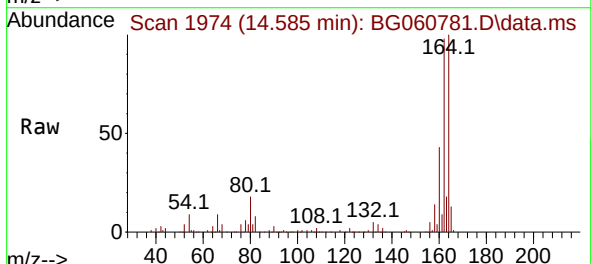
Instrument :
BNA_G
ClientSampleId :
SOIL-1

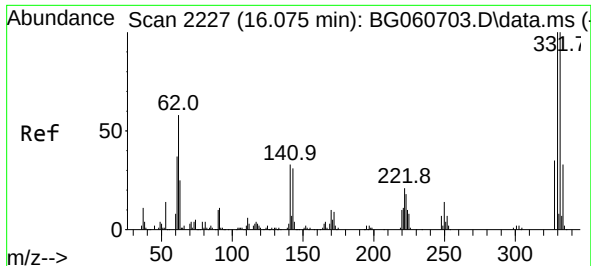
Tgt Ion: 82 Resp: 271943
Ion Ratio Lower Upper
82 100
128 38.0 31.2 46.8
54 67.6 53.2 79.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.585 min Scan# 1974
Delta R.T. -0.004 min
Lab File: BG060781.D
Acq: 4 Apr 2024 16:53

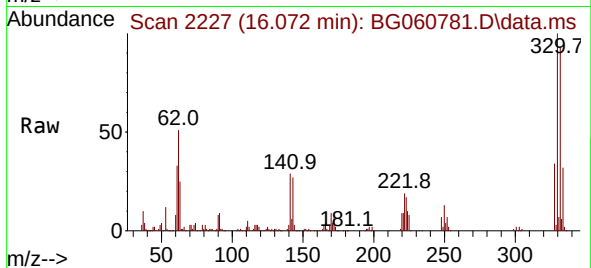
Tgt Ion:164 Resp: 188922
Ion Ratio Lower Upper
164 100
162 97.6 79.5 119.3
160 42.8 35.4 53.0



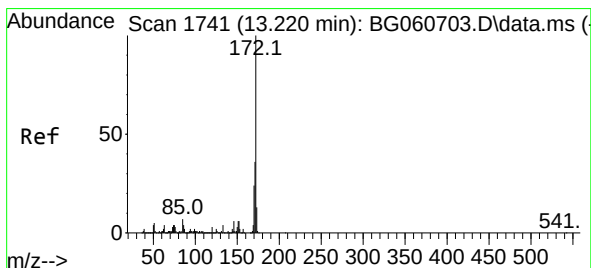
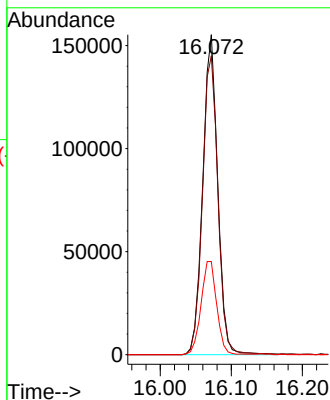
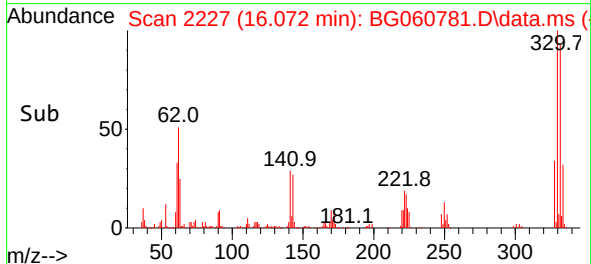


#42
2,4,6-Tribromophenol
Concen: 106.211 ng
RT: 16.072 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG060781.D
Acq: 4 Apr 2024 16:53

Instrument :
BNA_G
ClientSampleId :
SOIL-1

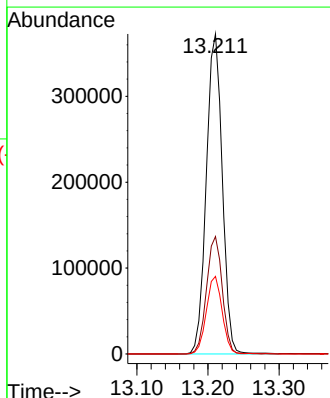
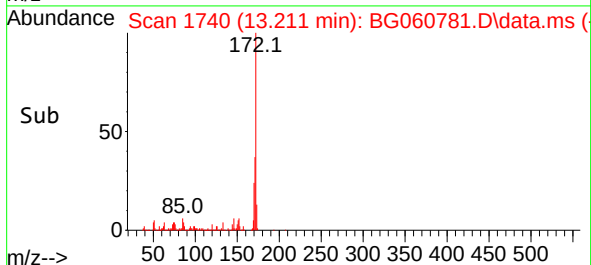
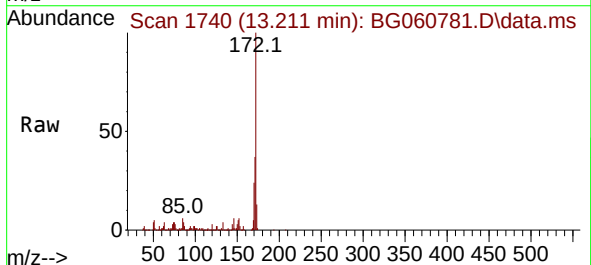


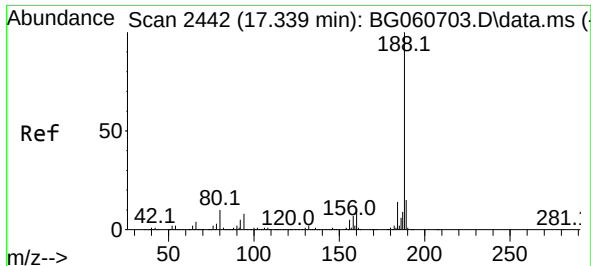
Tgt Ion:330 Resp: 227778
Ion Ratio Lower Upper
330 100
332 96.2 78.2 117.4
141 30.5 27.0 40.6



#45
2-Fluorobiphenyl
Concen: 45.227 ng
RT: 13.211 min Scan# 1740
Delta R.T. -0.009 min
Lab File: BG060781.D
Acq: 4 Apr 2024 16:53

Tgt Ion:172 Resp: 582193
Ion Ratio Lower Upper
172 100
171 36.7 28.7 43.1
170 24.2 19.4 29.0

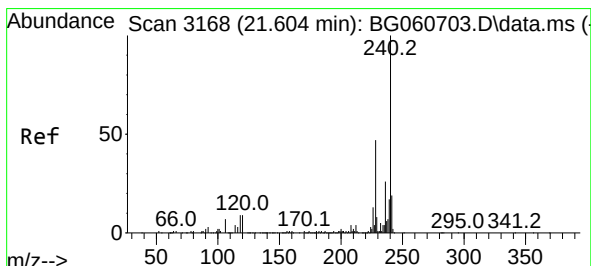
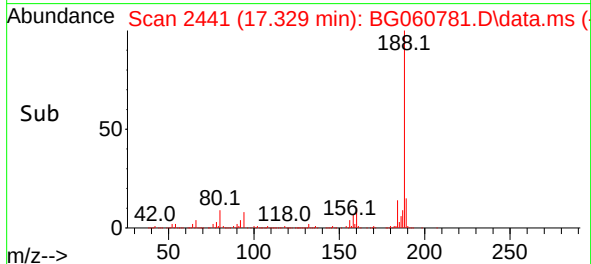
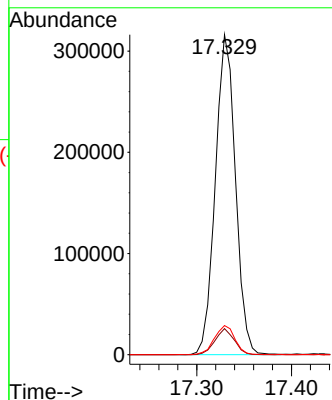
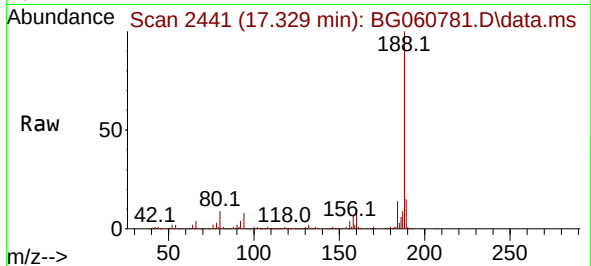




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.329 min Scan# 2441
Delta R.T. -0.009 min
Lab File: BG060781.D
Acq: 4 Apr 2024 16:53

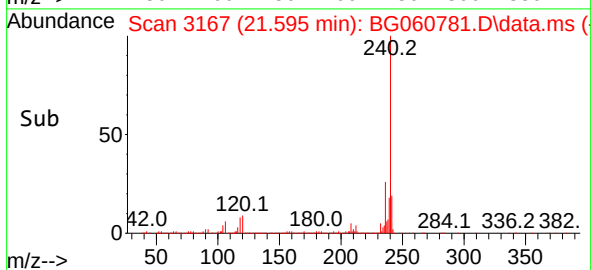
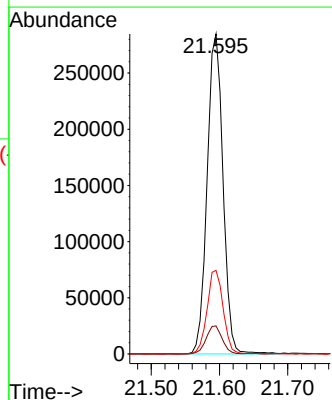
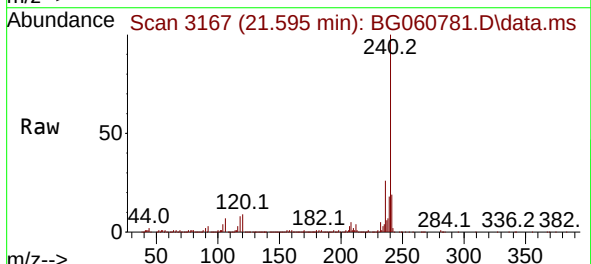
Instrument :
BNA_G
ClientSampleId :
SOIL-1

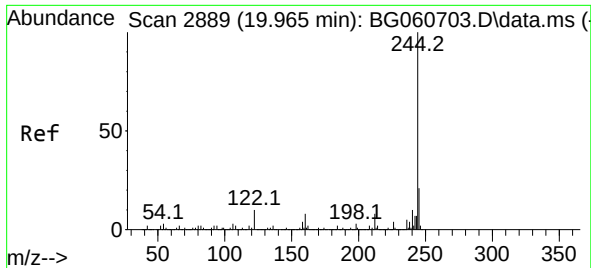
Tgt Ion:188 Resp: 466131
Ion Ratio Lower Upper
188 100
94 8.1 6.6 9.8
80 9.1 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.595 min Scan# 3167
Delta R.T. -0.009 min
Lab File: BG060781.D
Acq: 4 Apr 2024 16:53

Tgt Ion:240 Resp: 461322
Ion Ratio Lower Upper
240 100
120 8.7 7.1 10.7
236 26.1 20.7 31.1

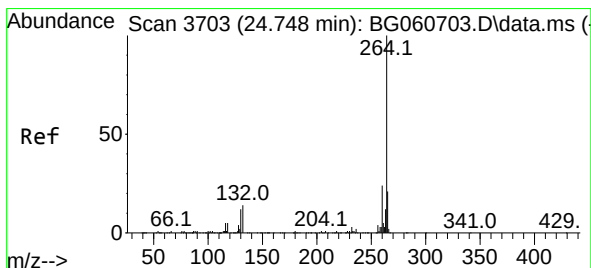
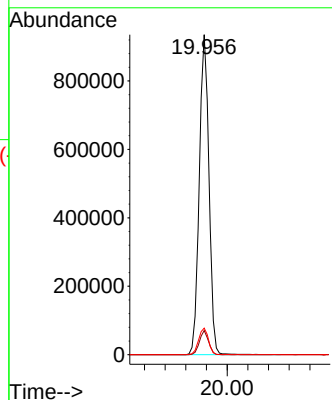
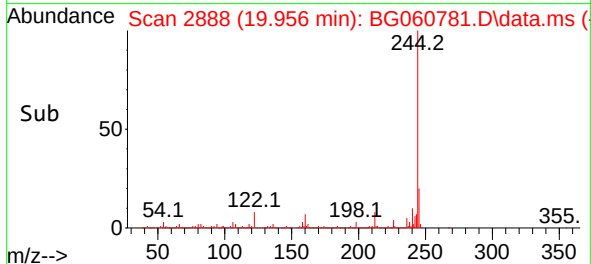
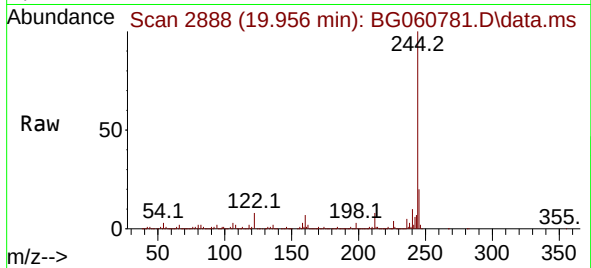




#79
 Terphenyl-d14
 Concen: 46.306 ng
 RT: 19.956 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BG060781.D
 Acq: 4 Apr 2024 16:53

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-1

Tgt Ion:244 Resp: 1213185
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 8.3 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.738 min Scan# 3702
 Delta R.T. -0.009 min
 Lab File: BG060781.D
 Acq: 4 Apr 2024 16:53

Tgt Ion:264 Resp: 550025
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.5 29.3
 265 23.3 16.9 25.3

