

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040424\
 Data File : BG060784.D
 Acq On : 4 Apr 2024 18:56
 Operator : MA/JU
 Sample : P1974-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-1

Quant Time: Apr 05 01:16:27 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	7.955	152	60242	20.000	ng	0.00
21) Naphthalene-d8	10.751	136	228690	20.000	ng	0.00
39) Acenaphthene-d10	14.582	164	168430	20.000	ng	0.00
64) Phenanthrene-d10	17.332	188	436934	20.000	ng	0.00
76) Chrysene-d12	21.591	240	464380	20.000	ng	-0.01
86) Perylene-d12	24.735	264	548291	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	474507	131.217	ng	0.00
7) Phenol-d6	7.114	99	552663	102.958	ng	0.00
23) Nitrobenzene-d5	9.106	82	435520	108.669	ng	0.00
42) 2,4,6-Tribromophenol	16.069	330	355800	186.092	ng	0.00
45) 2-Fluorobiphenyl	13.207	172	1012385	88.215	ng	-0.01
79) Terphenyl-d14	19.958	244	2285134	86.648	ng	0.00

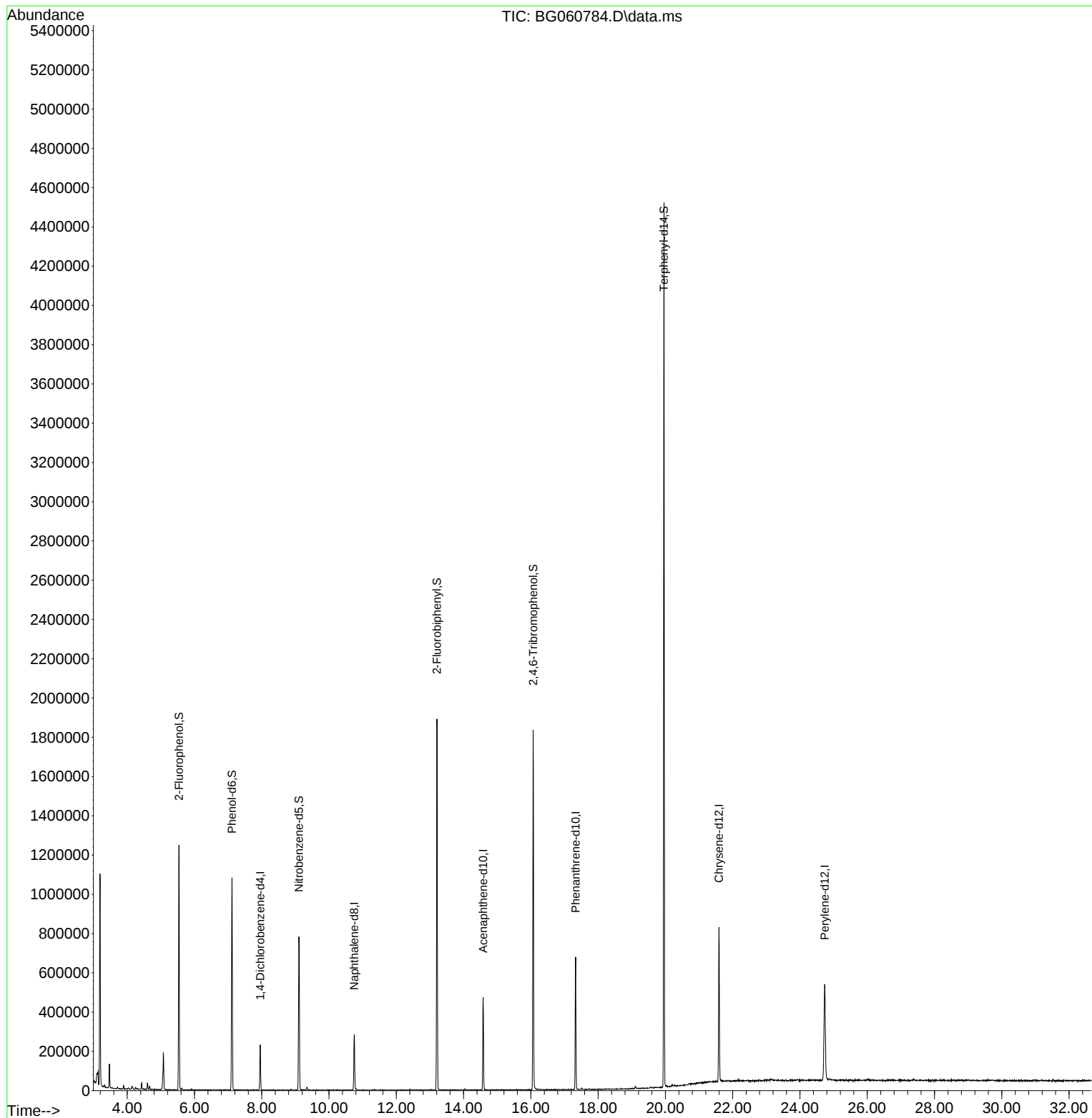
Target Compounds	Qvalue

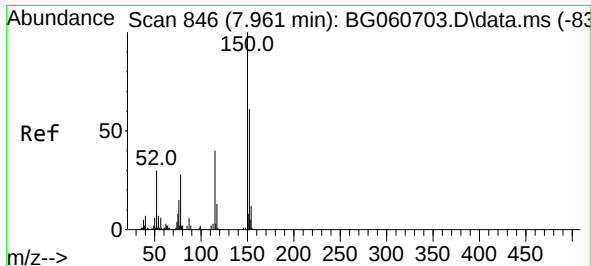
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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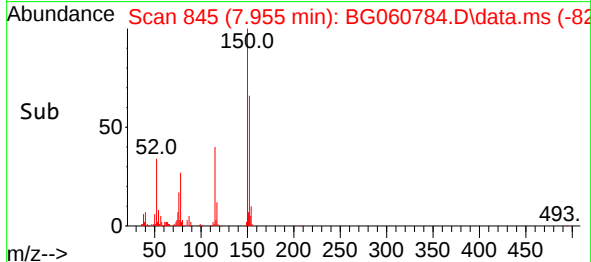
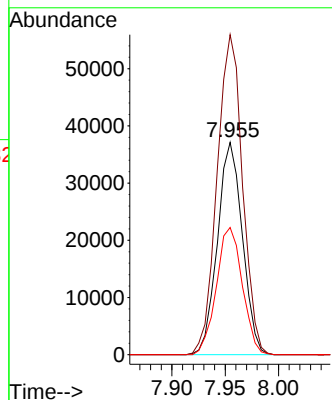
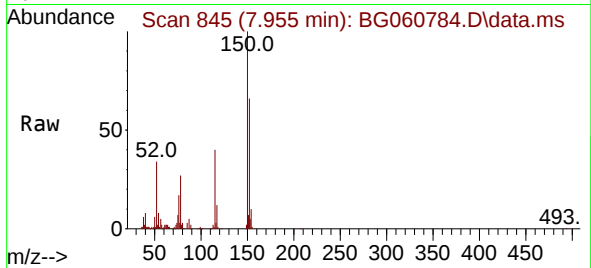




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.955 min Scan# 846
Delta R.T. -0.006 min
Lab File: BG060784.D
Acq: 4 Apr 2024 18:56

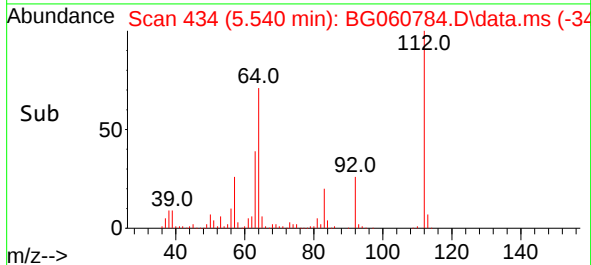
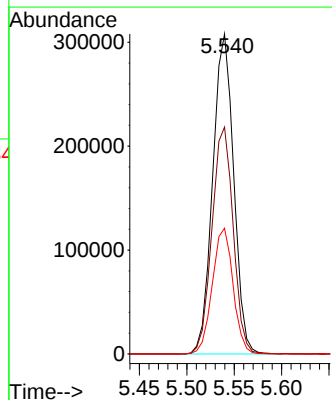
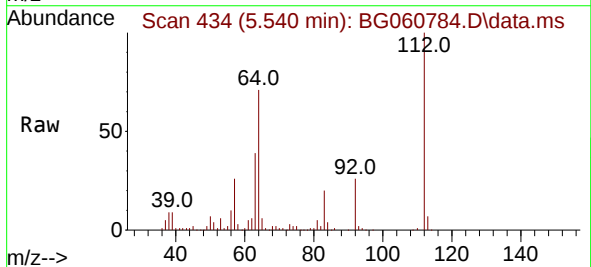
Instrument :
BNA_G
ClientSampleId :
SOIL-1

Tgt Ion:152 Resp: 60242
Ion Ratio Lower Upper
152 100
150 150.7 130.2 195.4
115 59.9 51.6 77.4



#5
2-Fluorophenol
Concen: 131.217 ng
RT: 5.540 min Scan# 434
Delta R.T. 0.005 min
Lab File: BG060784.D
Acq: 4 Apr 2024 18:56

Tgt Ion:112 Resp: 474507
Ion Ratio Lower Upper
112 100
64 70.9 58.4 87.6
63 39.3 32.7 49.1

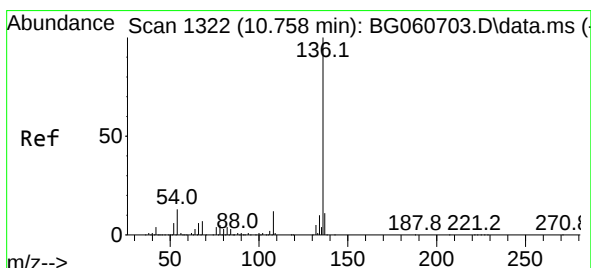
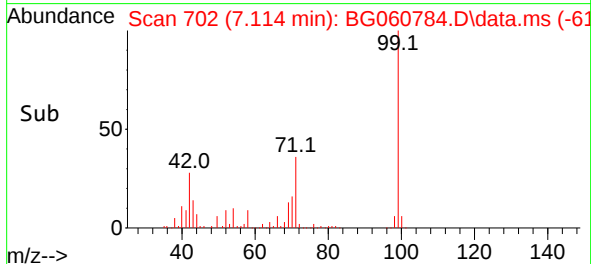
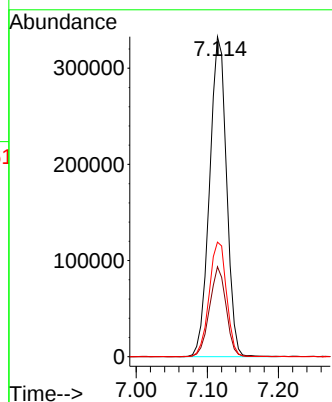
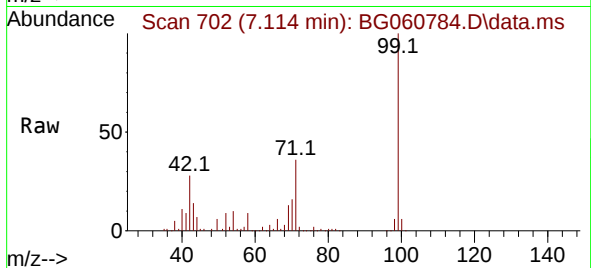




#7
Phenol-d6
Concen: 102.958 ng
RT: 7.114 min Scan# 702
Delta R.T. -0.001 min
Lab File: BG060784.D
Acq: 4 Apr 2024 18:56

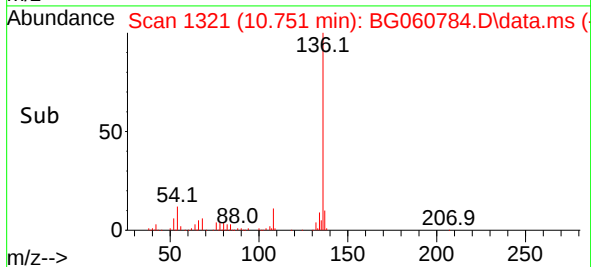
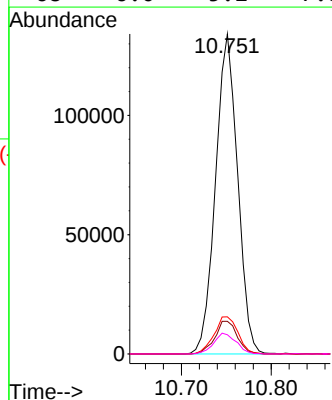
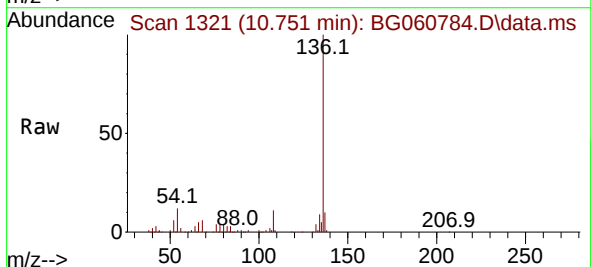
Instrument :
BNA_G
ClientSampleId :
SOIL-1

Tgt Ion: 99 Resp: 552663
Ion Ratio Lower Upper
99 100
42 28.1 19.4 29.2
71 35.8 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.751 min Scan# 1321
Delta R.T. -0.007 min
Lab File: BG060784.D
Acq: 4 Apr 2024 18:56

Tgt Ion:136 Resp: 228690
Ion Ratio Lower Upper
136 100
137 10.2 8.8 13.2
54 11.6 10.2 15.2
68 6.0 5.2 7.8

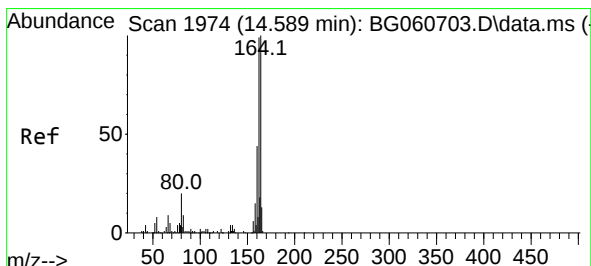
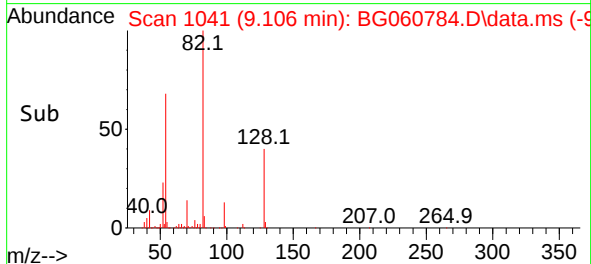
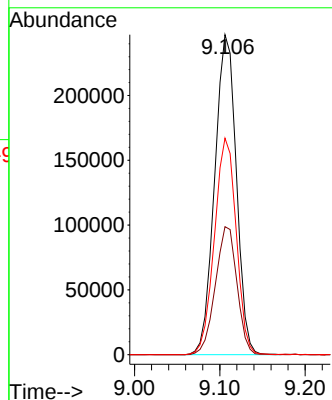
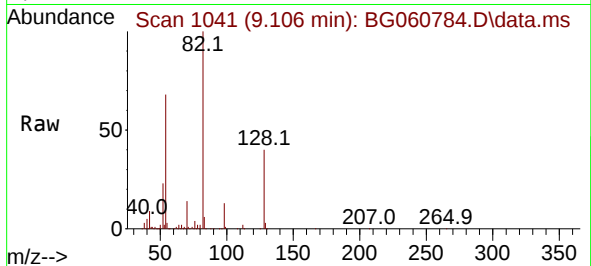




#23
Nitrobenzene-d5
Concen: 108.669 ng
RT: 9.106 min Scan# 1041
Delta R.T. -0.007 min
Lab File: BG060784.D
Acq: 4 Apr 2024 18:56

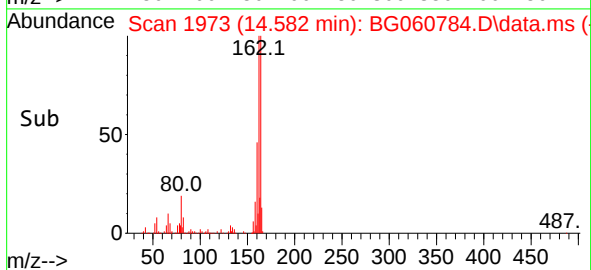
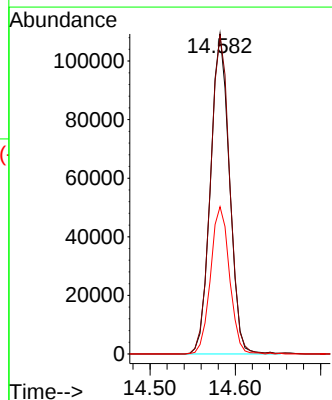
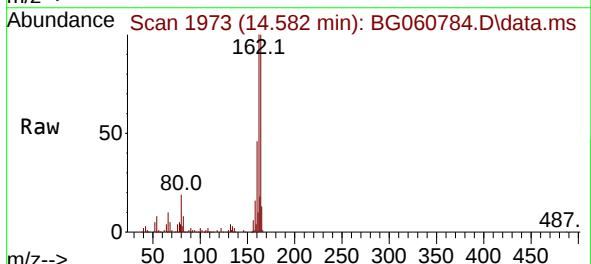
Instrument :
BNA_G
ClientSampleId :
SOIL-1

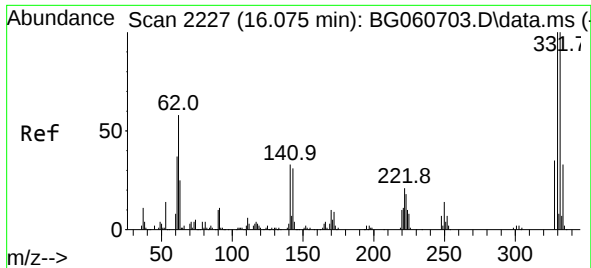
Tgt Ion: 82 Resp: 435520
Ion Ratio Lower Upper
82 100
128 40.0 31.2 46.8
54 67.6 53.2 79.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.582 min Scan# 1973
Delta R.T. -0.007 min
Lab File: BG060784.D
Acq: 4 Apr 2024 18:56

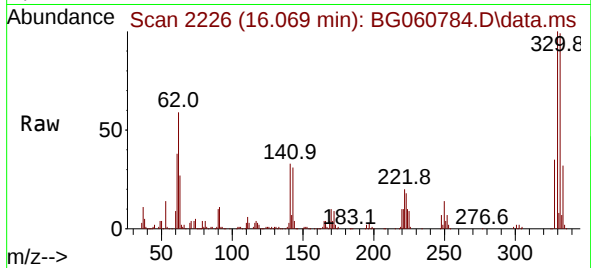
Tgt Ion:164 Resp: 168430
Ion Ratio Lower Upper
164 100
162 99.5 79.5 119.3
160 46.0 35.4 53.0



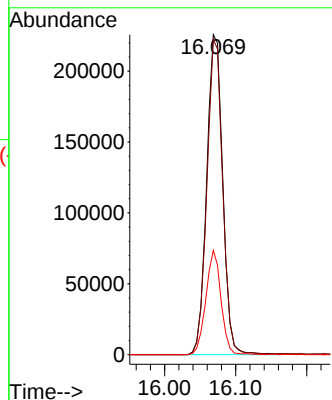
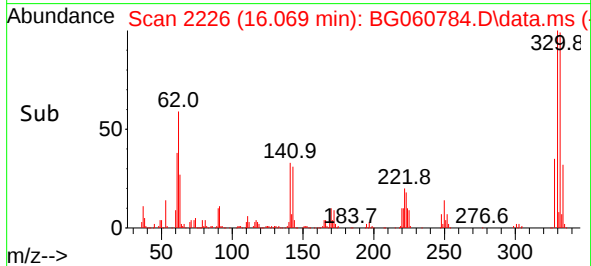


#42
2,4,6-Tribromophenol
Concen: 186.092 ng
RT: 16.069 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG060784.D
Acq: 4 Apr 2024 18:56

Instrument :
BNA_G
ClientSampleId :
SOIL-1

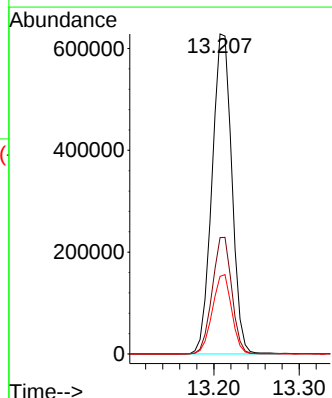
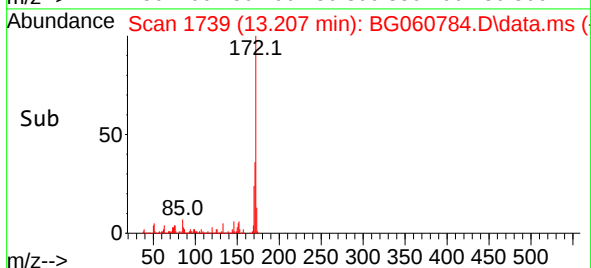
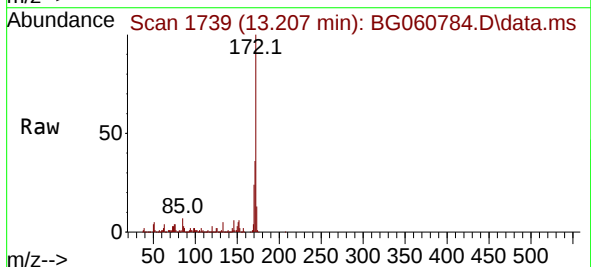


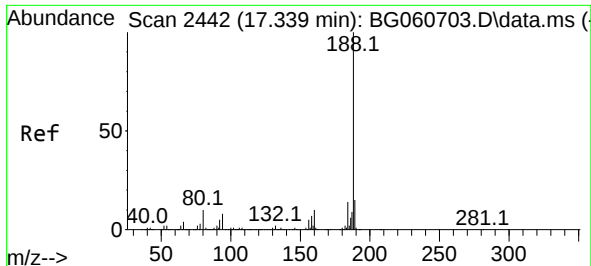
Tgt Ion:330 Resp: 355800
Ion Ratio Lower Upper
330 100
332 96.5 78.2 117.4
141 30.7 27.0 40.6



#45
2-Fluorobiphenyl
Concen: 88.215 ng
RT: 13.207 min Scan# 1739
Delta R.T. -0.013 min
Lab File: BG060784.D
Acq: 4 Apr 2024 18:56

Tgt Ion:172 Resp: 1012385
Ion Ratio Lower Upper
172 100
171 36.4 28.7 43.1
170 24.3 19.4 29.0

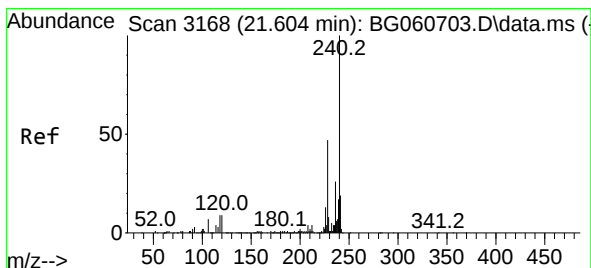
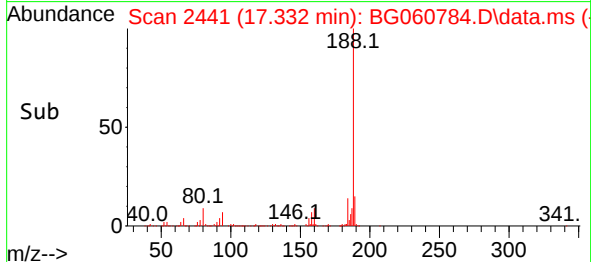
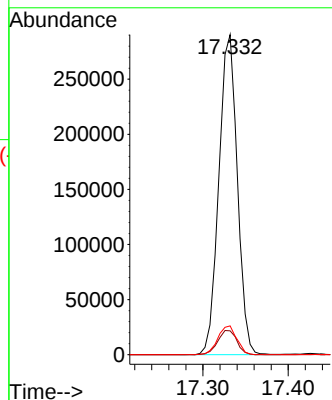
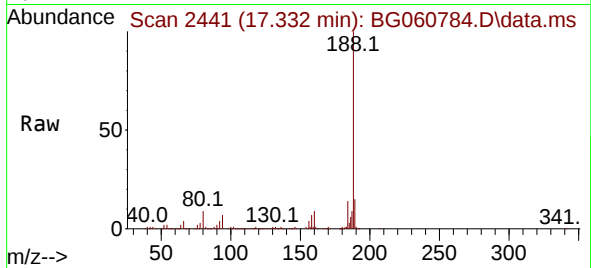




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.332 min Scan# 2441
Delta R.T. -0.007 min
Lab File: BG060784.D
Acq: 4 Apr 2024 18:56

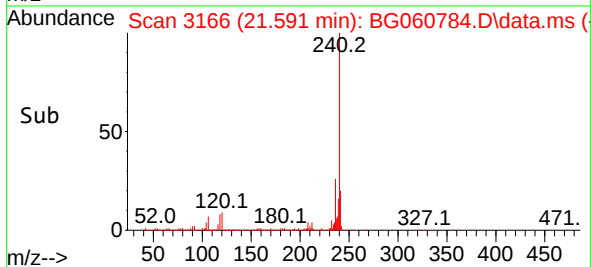
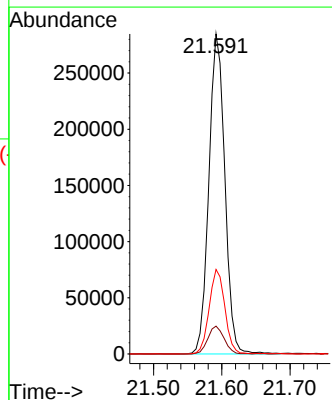
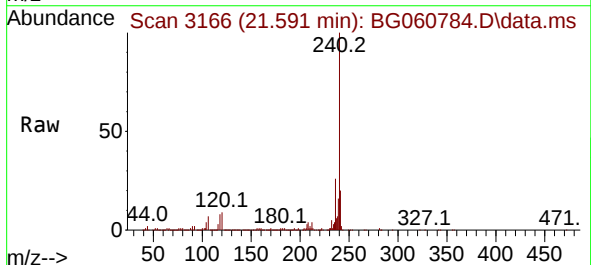
Instrument :
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SOIL-1

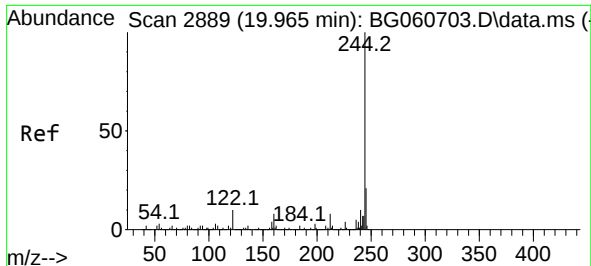
Tgt Ion:188 Resp: 436934
Ion Ratio Lower Upper
188 100
94 7.4 6.6 9.8
80 9.0 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.591 min Scan# 3166
Delta R.T. -0.013 min
Lab File: BG060784.D
Acq: 4 Apr 2024 18:56

Tgt Ion:240 Resp: 464380
Ion Ratio Lower Upper
240 100
120 8.7 7.1 10.7
236 26.4 20.7 31.1

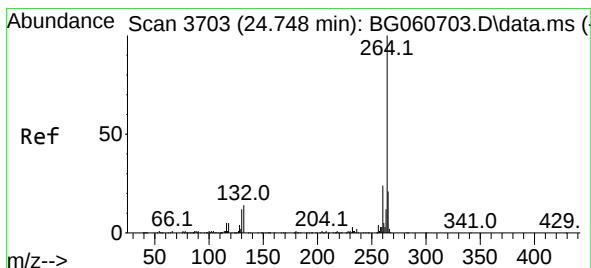
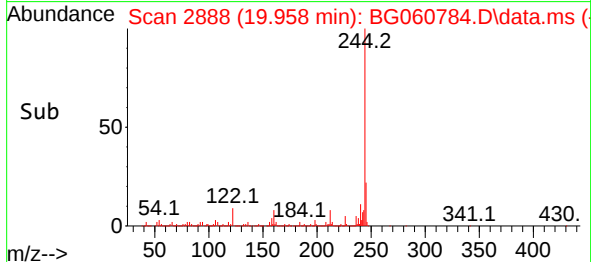
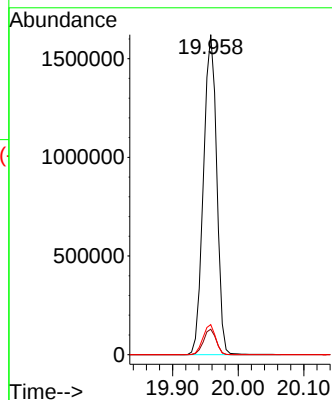
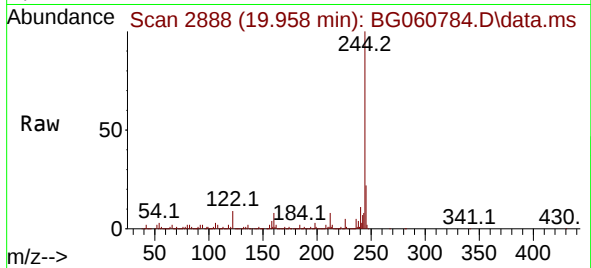




#79
 Terphenyl-d14
 Concen: 86.648 ng
 RT: 19.958 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG060784.D
 Acq: 4 Apr 2024 18:56

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-1

Tgt Ion:244 Resp: 2285134
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.2
 122 9.4 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.735 min Scan# 3701
 Delta R.T. -0.013 min
 Lab File: BG060784.D
 Acq: 4 Apr 2024 18:56

Tgt Ion:264 Resp: 548291
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.5 29.3
 265 22.3 16.9 25.3

