

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040424\
Data File : BG060785.D
Acq On : 4 Apr 2024 19:37
Operator : MA/JU
Sample : P1974-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-3

Quant Time: Apr 05 01:16:52 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	7.956	152	73325	20.000	ng	0.00
21) Naphthalene-d8	10.752	136	283237	20.000	ng	0.00
39) Acenaphthene-d10	14.583	164	209323	20.000	ng	0.00
64) Phenanthrene-d10	17.327	188	495232	20.000	ng	-0.01
76) Chrysene-d12	21.593	240	478852	20.000	ng	-0.01
86) Perylene-d12	24.730	264	571610	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.541	112	422846	96.067	ng	0.00
7) Phenol-d6	7.115	99	529375	81.024	ng	0.00
23) Nitrobenzene-d5	9.107	82	334689	67.427	ng	0.00
42) 2,4,6-Tribromophenol	16.070	330	264200	111.188	ng	0.00
45) 2-Fluorobiphenyl	13.208	172	623114	43.688	ng	-0.01
79) Terphenyl-d14	19.953	244	1308448	48.114	ng	-0.01

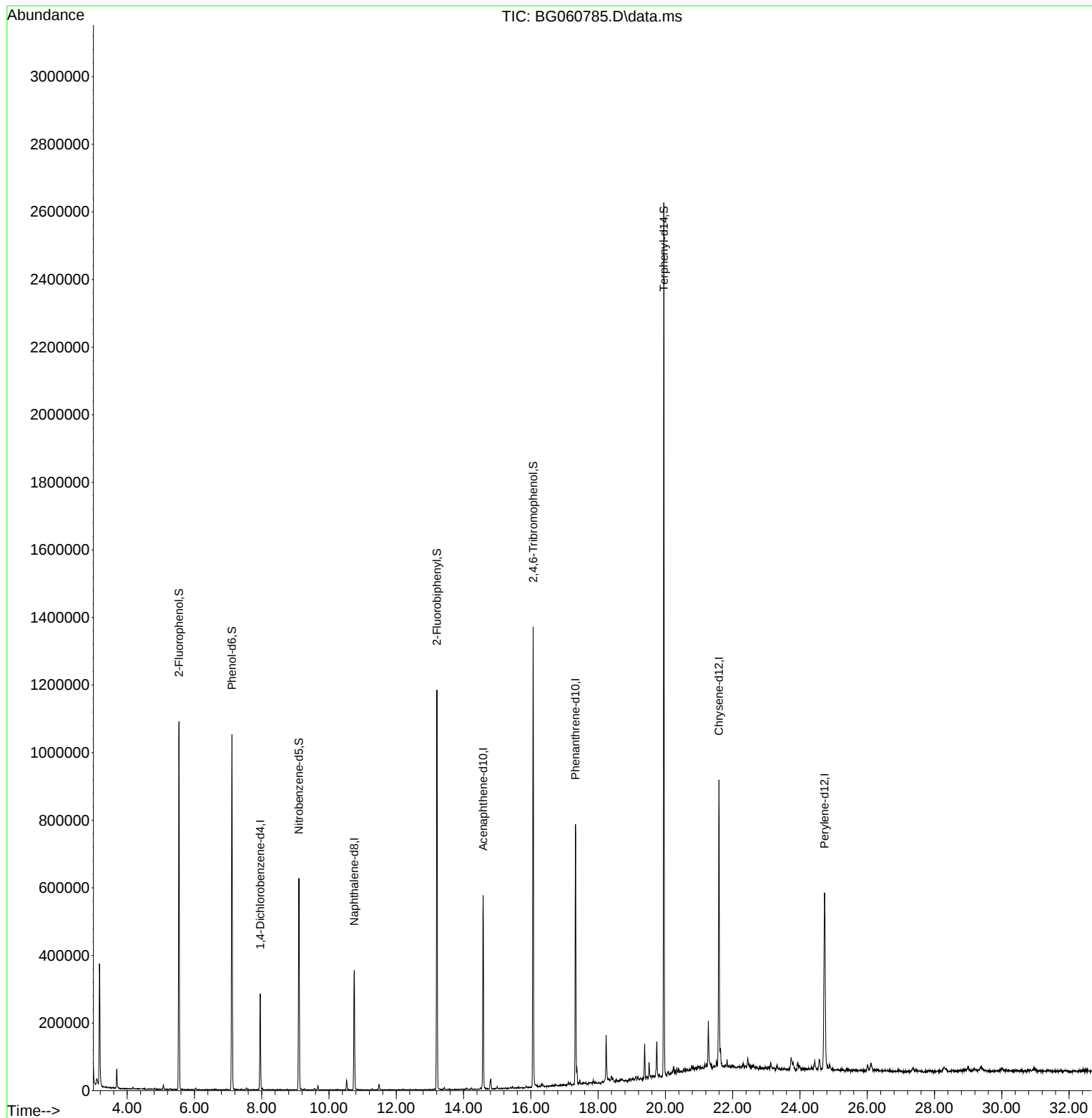
Target Compounds	Qvalue

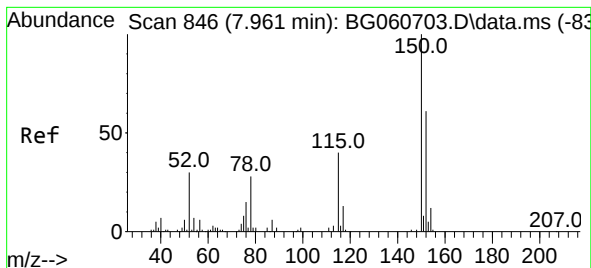
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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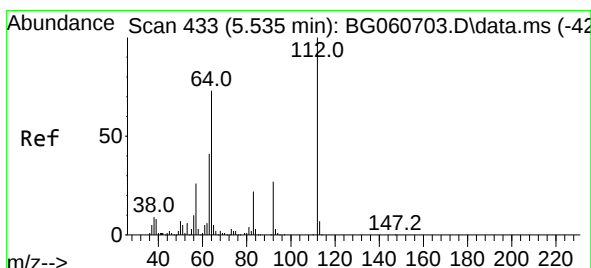
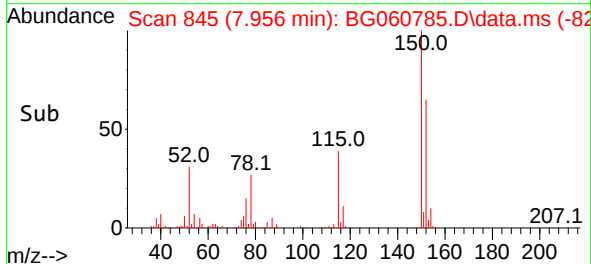
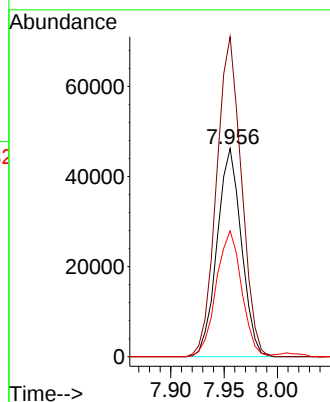
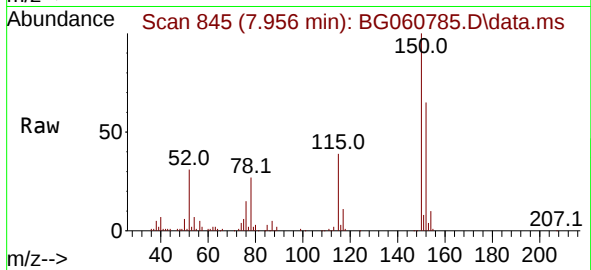




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.956 min Scan# 846
 Delta R.T. -0.005 min
 Lab File: BG060785.D
 Acq: 4 Apr 2024 19:37

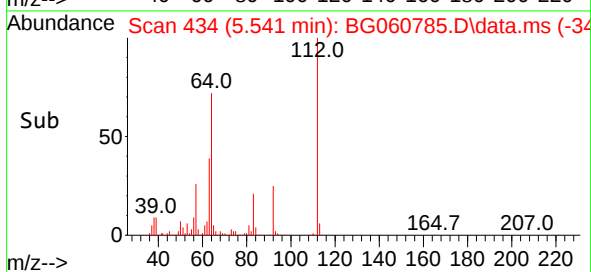
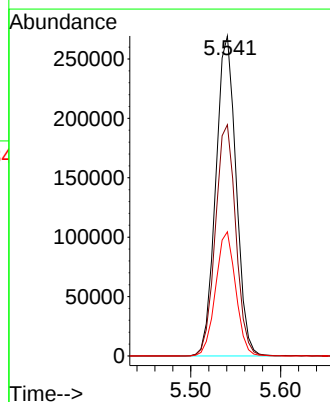
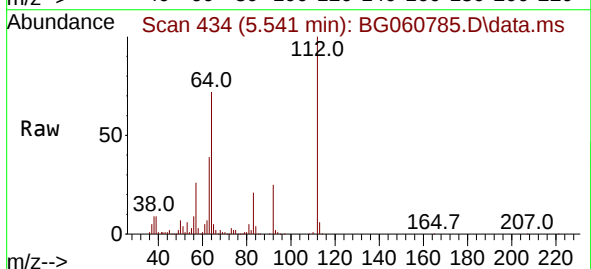
Instrument :
 BNA_G
 ClientSampleId :
 SOIL-3

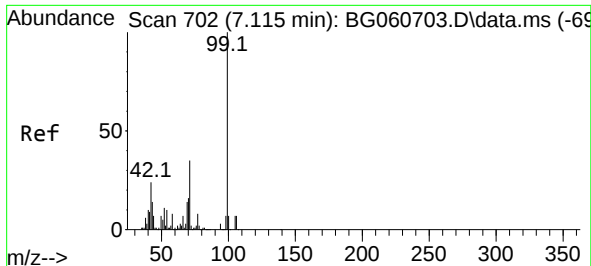
Tgt Ion:152 Resp: 73325
 Ion Ratio Lower Upper
 152 100
 150 153.8 130.2 195.4
 115 60.5 51.6 77.4



#5
 2-Fluorophenol
 Concen: 96.067 ng
 RT: 5.541 min Scan# 434
 Delta R.T. 0.006 min
 Lab File: BG060785.D
 Acq: 4 Apr 2024 19:37

Tgt Ion:112 Resp: 422846
 Ion Ratio Lower Upper
 112 100
 64 72.2 58.4 87.6
 63 38.8 32.7 49.1

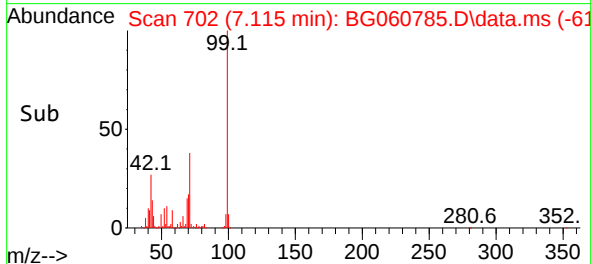
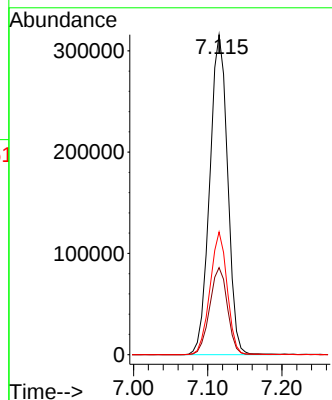
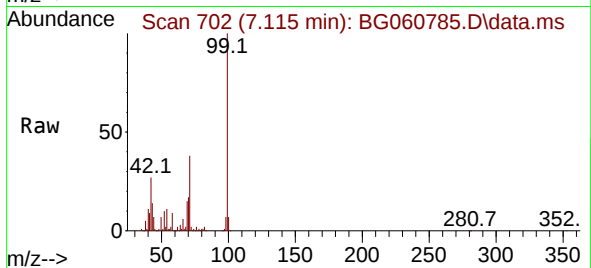




#7
Phenol-d6
Concen: 81.024 ng
RT: 7.115 min Scan# 702
Delta R.T. 0.000 min
Lab File: BG060785.D
Acq: 4 Apr 2024 19:37

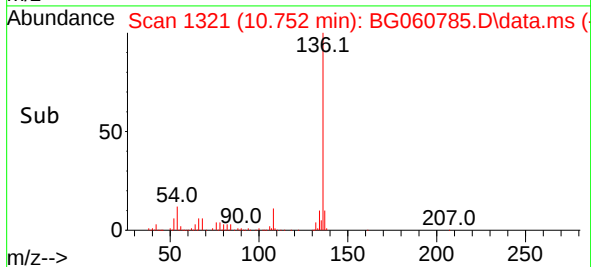
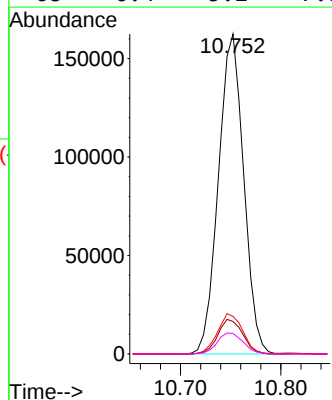
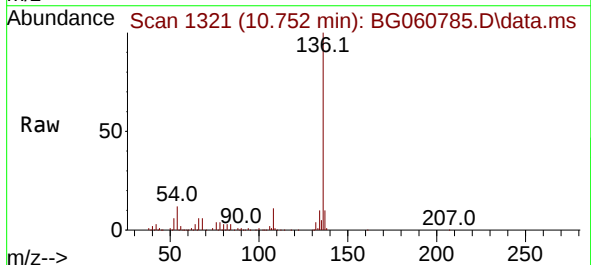
Instrument :
BNA_G
ClientSampleId :
SOIL-3

Tgt Ion: 99 Resp: 529375
Ion Ratio Lower Upper
99 100
42 27.2 19.4 29.2
71 38.3 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.752 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BG060785.D
Acq: 4 Apr 2024 19:37

Tgt Ion: 136 Resp: 283237
Ion Ratio Lower Upper
136 100
137 10.2 8.8 13.2
54 11.8 10.2 15.2
68 6.4 5.2 7.8

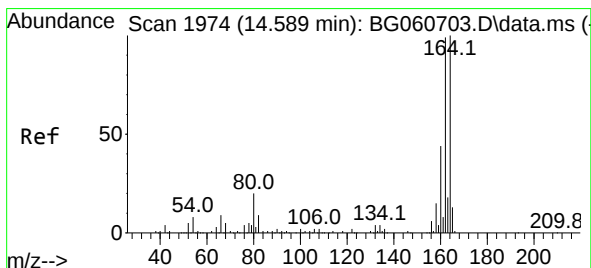
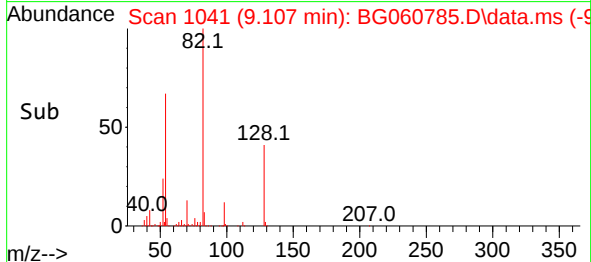
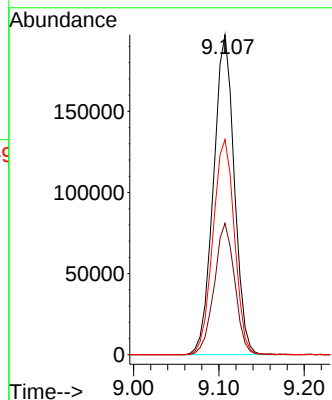
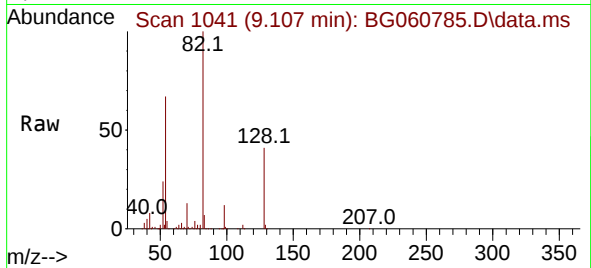




#23
Nitrobenzene-d5
Concen: 67.427 ng
RT: 9.107 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BG060785.D
Acq: 4 Apr 2024 19:37

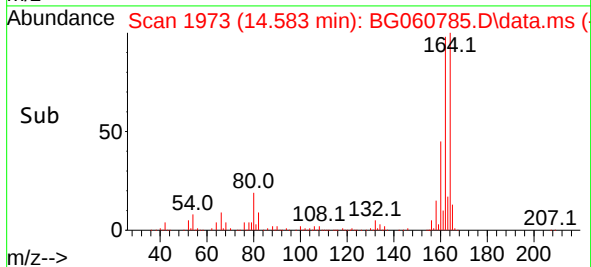
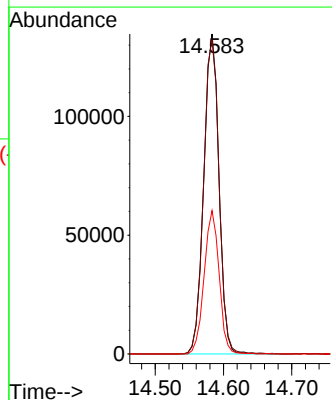
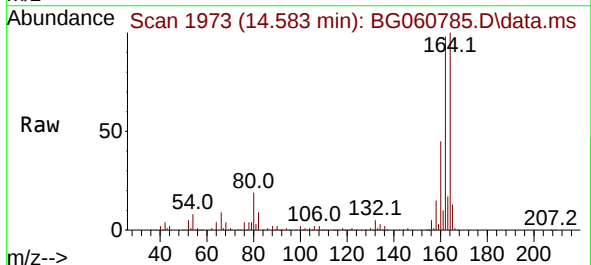
Instrument :
BNA_G
ClientSampleId :
SOIL-3

Tgt Ion: 82 Resp: 334689
Ion Ratio Lower Upper
82 100
128 41.1 31.2 46.8
54 67.2 53.2 79.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.583 min Scan# 1973
Delta R.T. -0.006 min
Lab File: BG060785.D
Acq: 4 Apr 2024 19:37

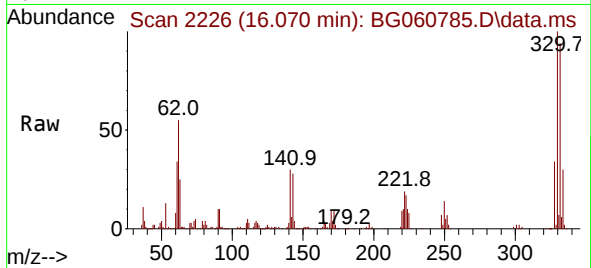
Tgt Ion: 164 Resp: 209323
Ion Ratio Lower Upper
164 100
162 98.1 79.5 119.3
160 44.8 35.4 53.0



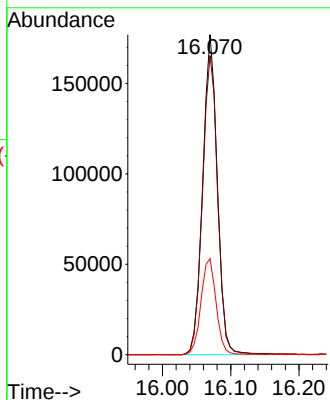
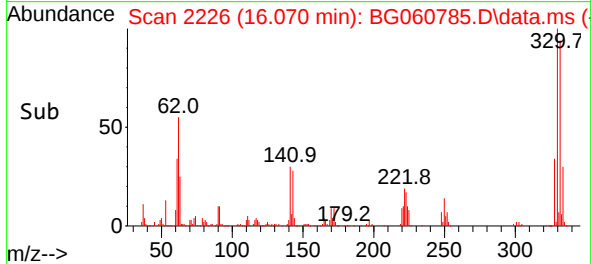


#42
2,4,6-Tribromophenol
Concen: 111.188 ng
RT: 16.070 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG060785.D
Acq: 4 Apr 2024 19:37

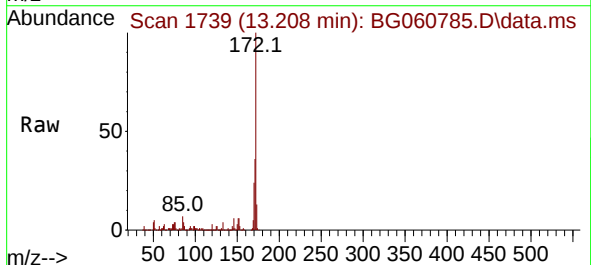
Instrument :
BNA_G
ClientSampleId :
SOIL-3



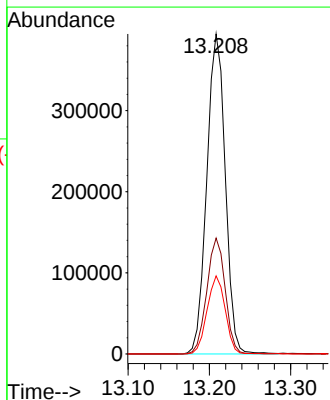
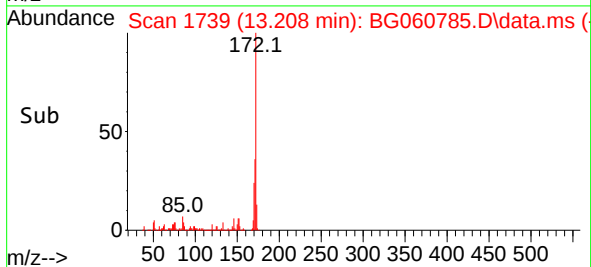
Tgt Ion:330 Resp: 264200
Ion Ratio Lower Upper
330 100
332 96.6 78.2 117.4
141 31.0 27.0 40.6

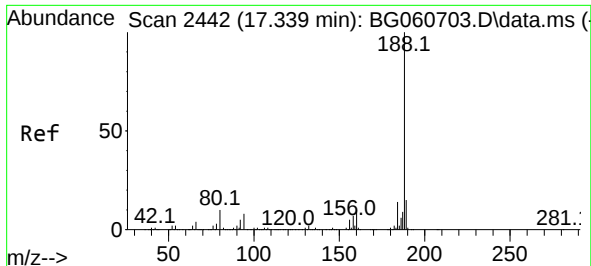


#45
2-Fluorobiphenyl
Concen: 43.688 ng
RT: 13.208 min Scan# 1739
Delta R.T. -0.012 min
Lab File: BG060785.D
Acq: 4 Apr 2024 19:37



Tgt Ion:172 Resp: 623114
Ion Ratio Lower Upper
172 100
171 36.2 28.7 43.1
170 24.4 19.4 29.0

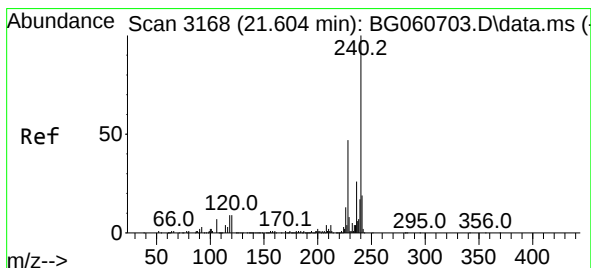
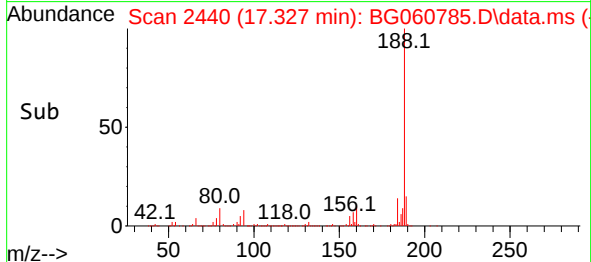
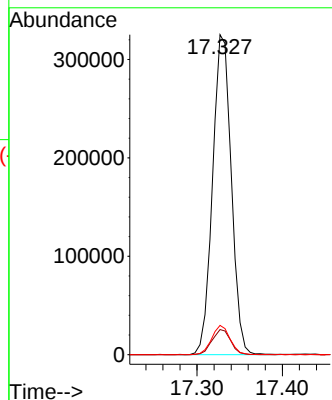
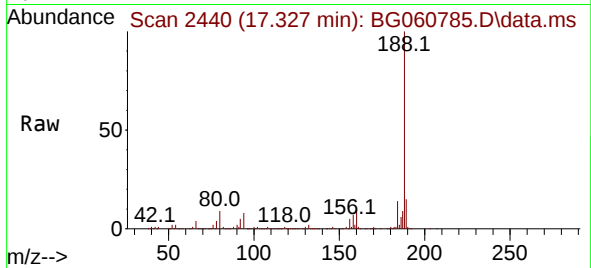




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.327 min Scan# 2442
Delta R.T. -0.012 min
Lab File: BG060785.D
Acq: 4 Apr 2024 19:37

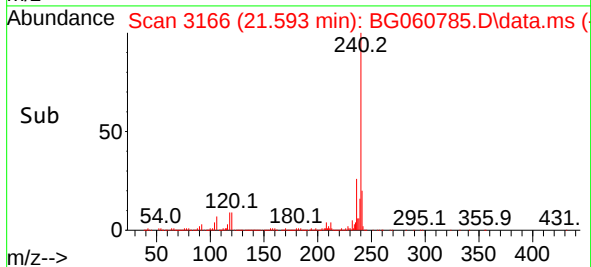
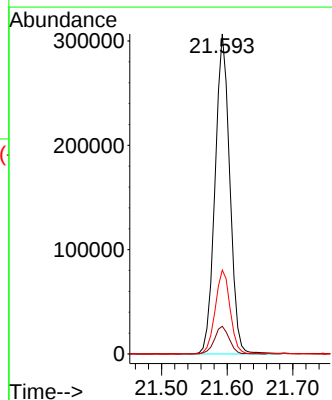
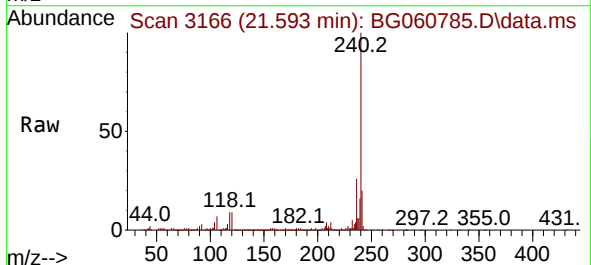
Instrument :
BNA_G
ClientSampleId :
SOIL-3

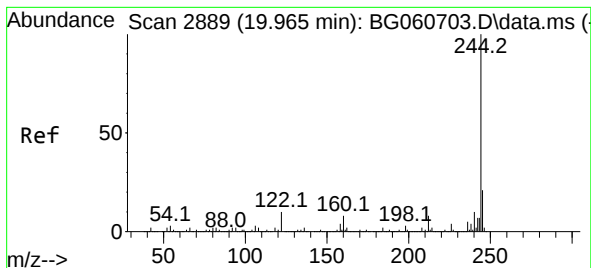
Tgt Ion:188 Resp: 495232
Ion Ratio Lower Upper
188 100
94 7.8 6.6 9.8
80 9.1 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.593 min Scan# 3166
Delta R.T. -0.012 min
Lab File: BG060785.D
Acq: 4 Apr 2024 19:37

Tgt Ion:240 Resp: 478852
Ion Ratio Lower Upper
240 100
120 8.7 7.1 10.7
236 26.2 20.7 31.1





#79

Terphenyl-d14

Concen: 48.114 ng

RT: 19.953 min Scan# 21

Delta R.T. -0.012 min

Lab File: BG060785.D

Acq: 4 Apr 2024 19:37

Instrument :

BNA_G

ClientSampleId :

SOIL-3

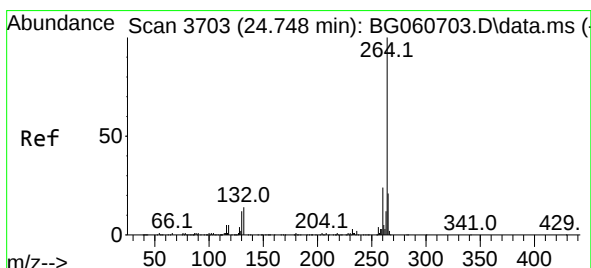
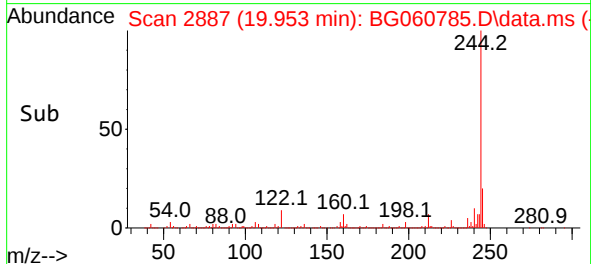
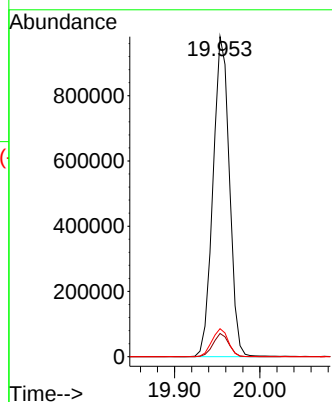
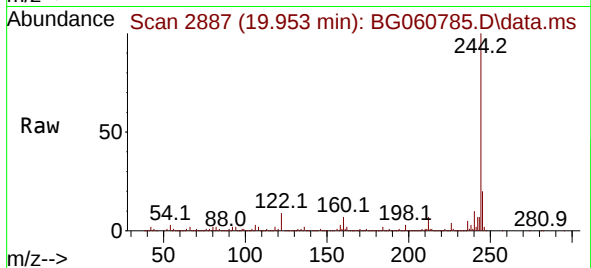
Tgt Ion:244 Resp: 1308448

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

122 8.8 7.8 11.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.730 min Scan# 3700

Delta R.T. -0.018 min

Lab File: BG060785.D

Acq: 4 Apr 2024 19:37

Tgt Ion:264 Resp: 571610

Ion Ratio Lower Upper

264 100

260 23.7 19.5 29.3

265 21.4 16.9 25.3

