

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080923\
 Data File : BG058661.D
 Acq On : 9 Aug 2023 16:35
 Operator : MA/JU
 Sample : 03931-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAYTON-SOIL1

Quant Time: Aug 09 17:24:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	39991	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	172508	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	131379	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	331046	20.000	ng	0.00
76) Chrysene-d12	21.449	240	297885	20.000	ng	0.00
86) Perylene-d12	24.522	264	353778	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	227851	87.085	ng	0.00
7) Phenol-d6	6.983	99	325229	89.331	ng	0.00
23) Nitrobenzene-d5	8.975	82	183344	52.211	ng	0.00
42) 2,4,6-Tribromophenol	15.949	330	165503	76.857	ng	0.00
45) 2-Fluorobiphenyl	13.076	172	459006	52.357	ng	0.00
79) Terphenyl-d14	19.821	244	890388	56.210	ng	0.00

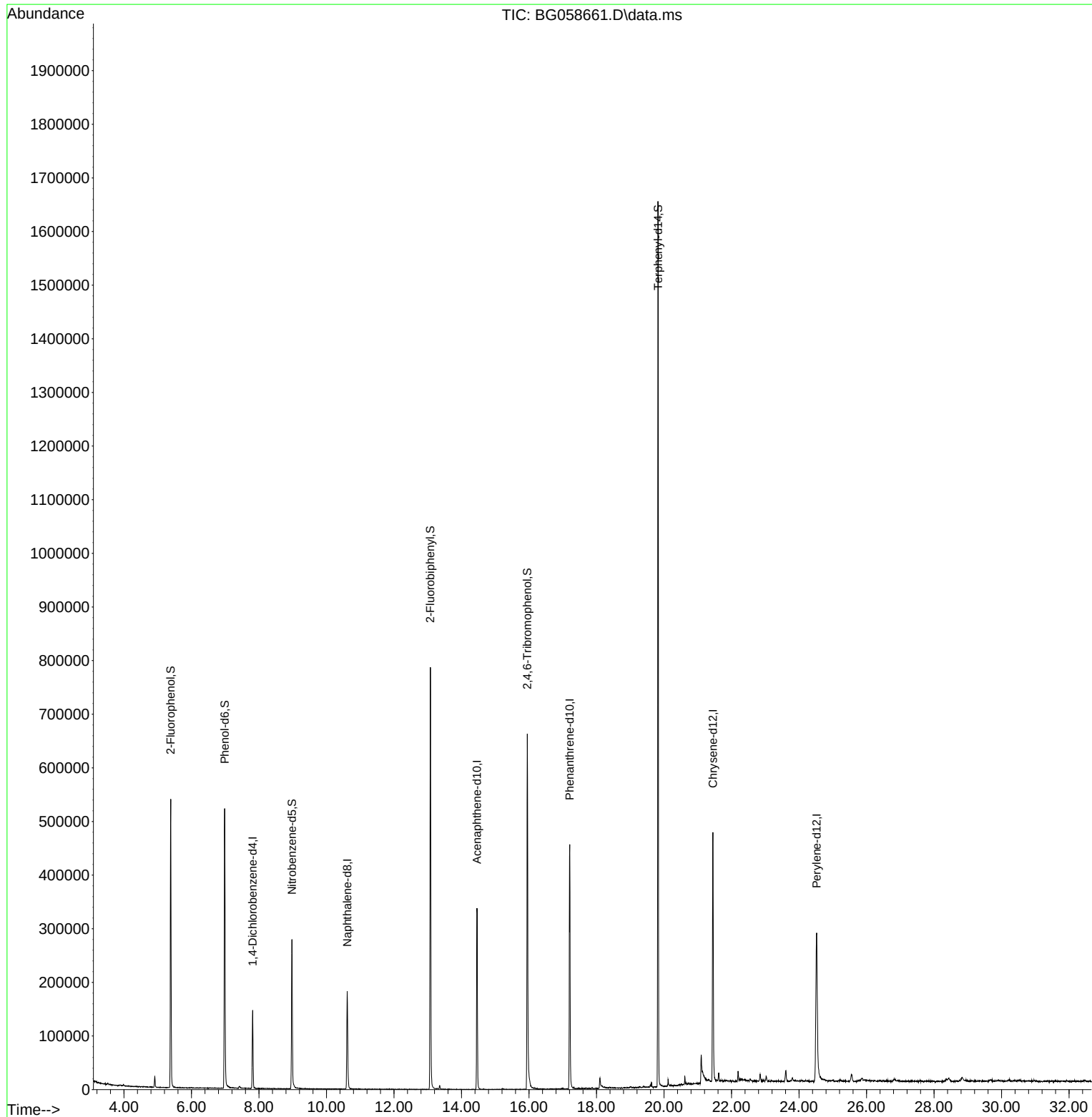
Target Compounds	Qvalue

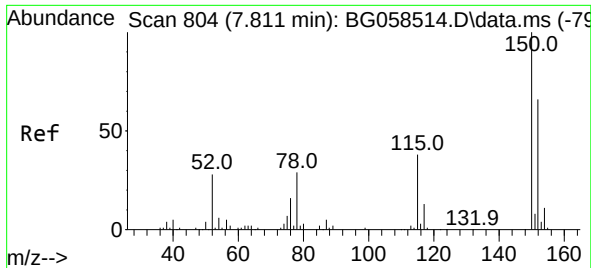
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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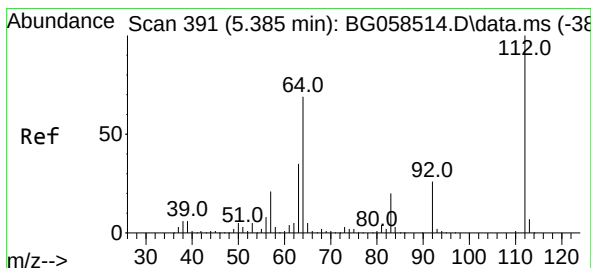
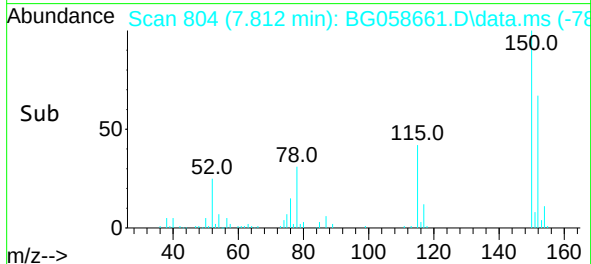
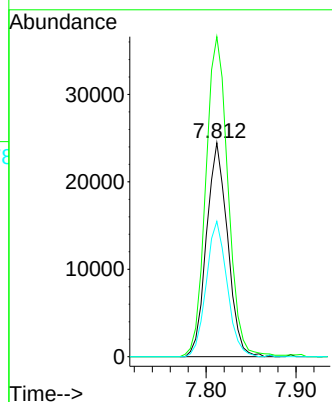
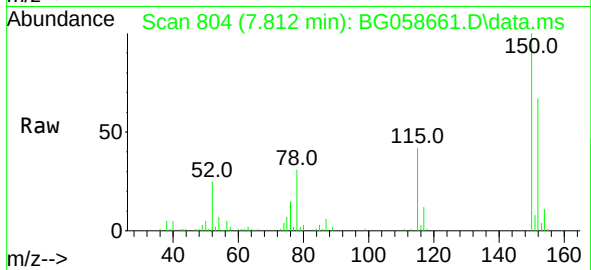




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.812 min Scan# 804
Delta R.T. 0.001 min
Lab File: BG058661.D
Acq: 9 Aug 2023 16:35

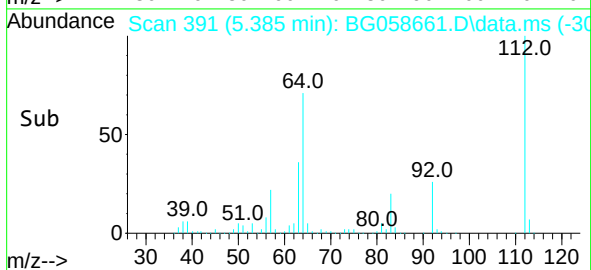
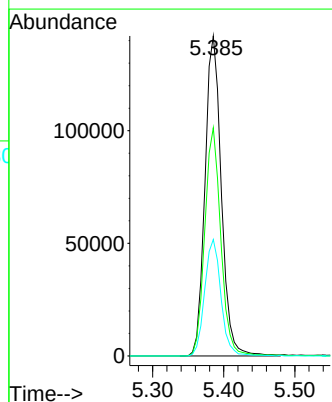
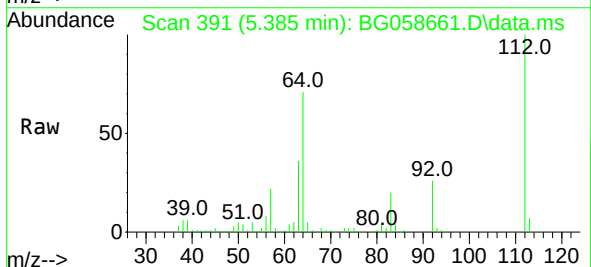
Instrument :
BNA_G
ClientSampleId :
DAYTON-SOIL1

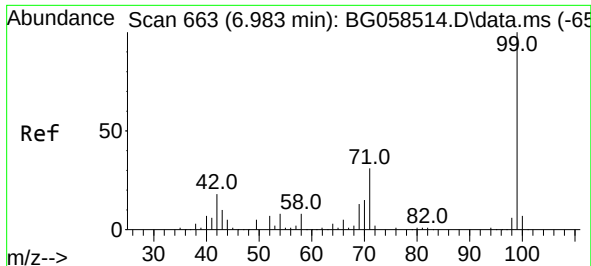
Tgt Ion:152 Resp: 39991
Ion Ratio Lower Upper
152 100
150 149.5 120.5 180.7
115 63.3 45.9 68.9



#5
2-Fluorophenol
Concen: 87.085 ng
RT: 5.385 min Scan# 391
Delta R.T. 0.001 min
Lab File: BG058661.D
Acq: 9 Aug 2023 16:35

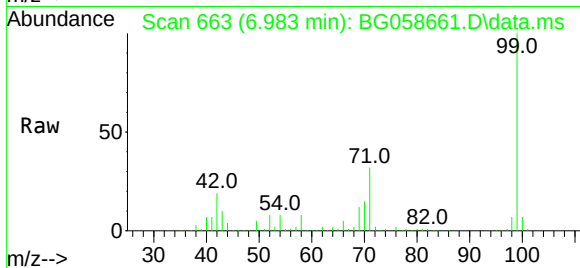
Tgt Ion:112 Resp: 227851
Ion Ratio Lower Upper
112 100
64 71.3 55.3 82.9
63 36.4 28.3 42.5



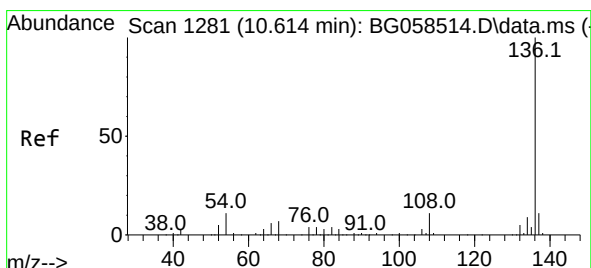
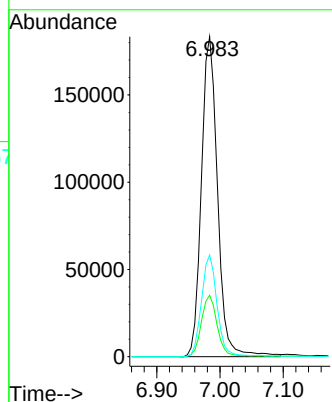
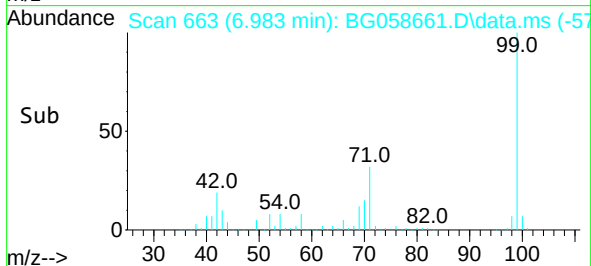


#7
Phenol-d6
Concen: 89.331 ng
RT: 6.983 min Scan# 60
Delta R.T. 0.001 min
Lab File: BG058661.D
Acq: 9 Aug 2023 16:35

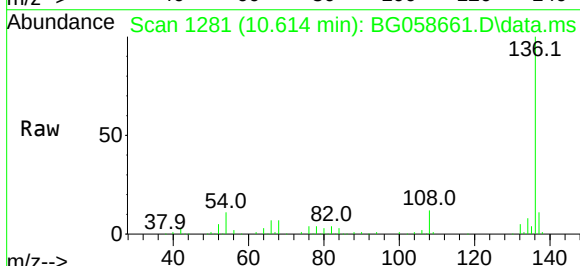
Instrument :
BNA_G
ClientSampleId :
DAYTON-SOIL1



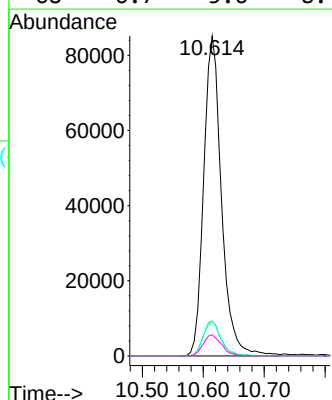
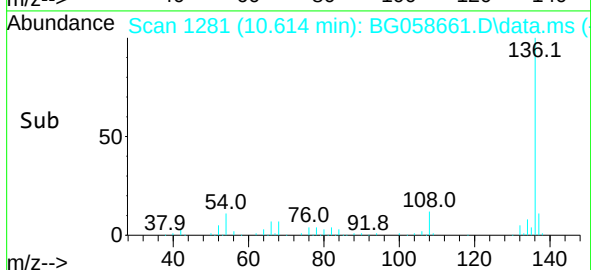
Tgt Ion: 99 Resp: 325229
Ion Ratio Lower Upper
99 100
42 19.2 14.6 21.8
71 31.8 25.0 37.4

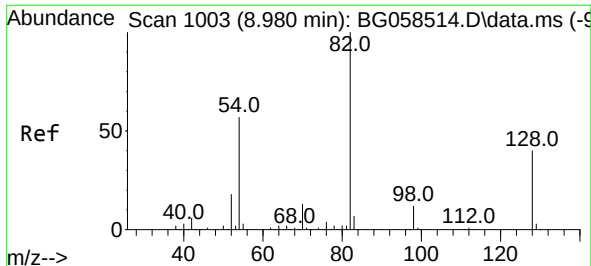


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.614 min Scan# 1281
Delta R.T. 0.001 min
Lab File: BG058661.D
Acq: 9 Aug 2023 16:35



Tgt Ion: 136 Resp: 172508
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 10.9 8.9 13.3
68 6.7 5.6 8.4

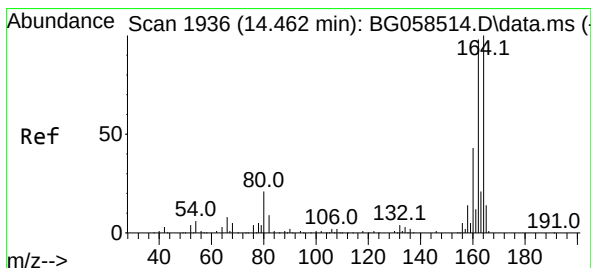
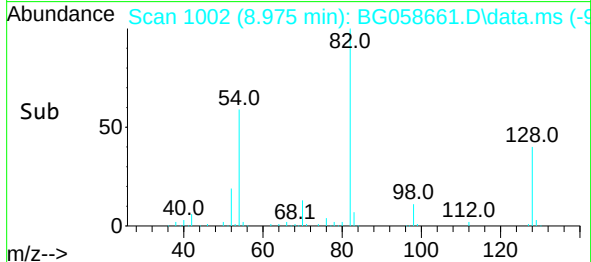
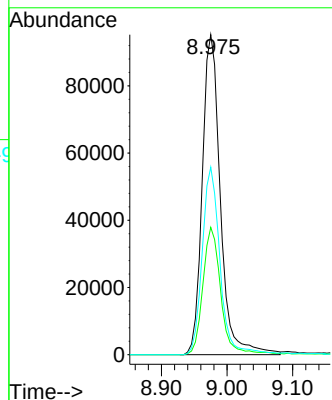
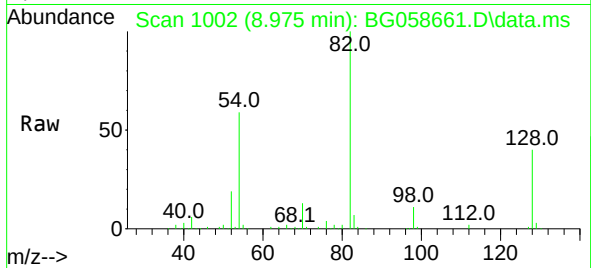




#23
Nitrobenzene-d5
Concen: 52.211 ng
RT: 8.975 min Scan# 10
Delta R.T. -0.005 min
Lab File: BG058661.D
Acq: 9 Aug 2023 16:35

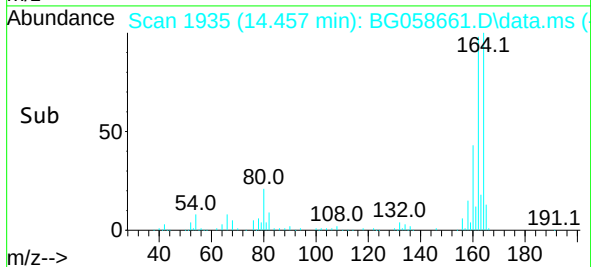
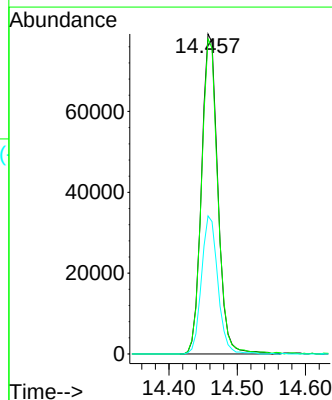
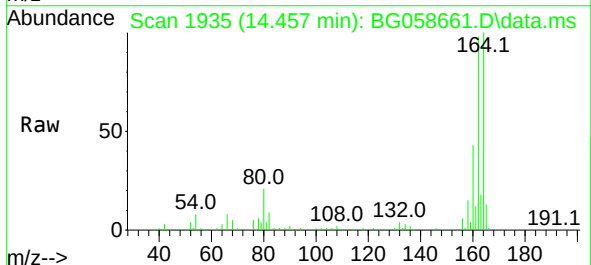
Instrument :
BNA_G
ClientSampleId :
DAYTON-SOIL1

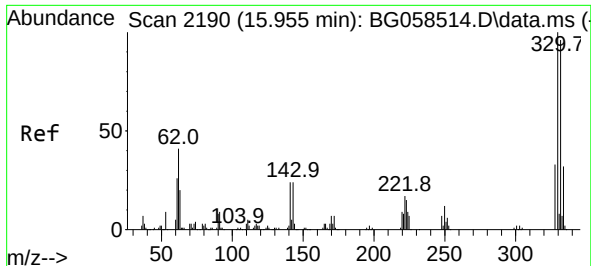
Tgt Ion: 82 Resp: 183344
Ion Ratio Lower Upper
82 100
128 39.8 32.2 48.2
54 58.6 46.0 69.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1935
Delta R.T. -0.005 min
Lab File: BG058661.D
Acq: 9 Aug 2023 16:35

Tgt Ion:164 Resp: 131379
Ion Ratio Lower Upper
164 100
162 98.5 78.3 117.5
160 43.1 34.1 51.1

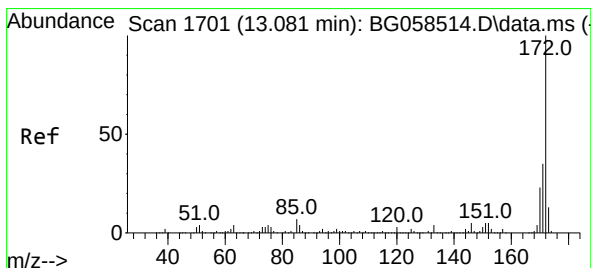
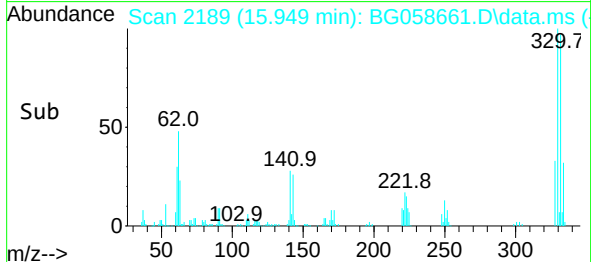
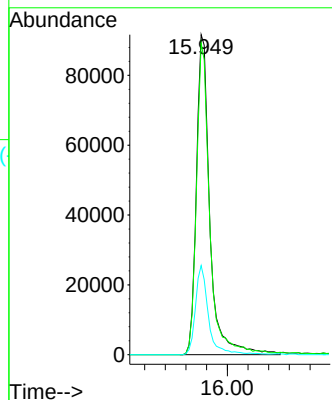
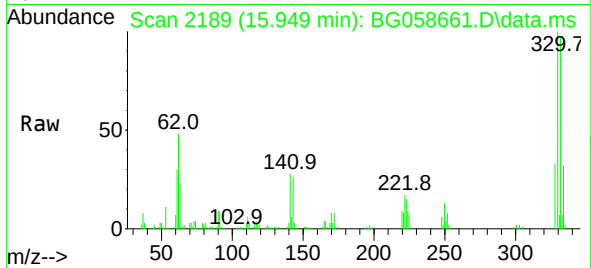




#42
2,4,6-Tribromophenol
Concen: 76.857 ng
RT: 15.949 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG058661.D
Acq: 9 Aug 2023 16:35

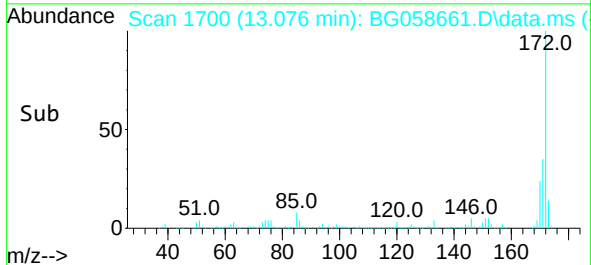
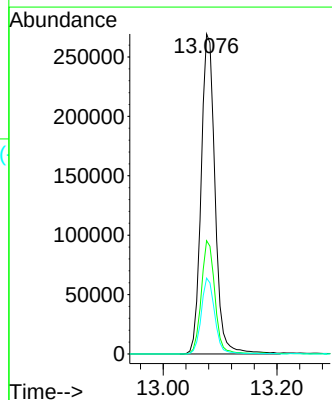
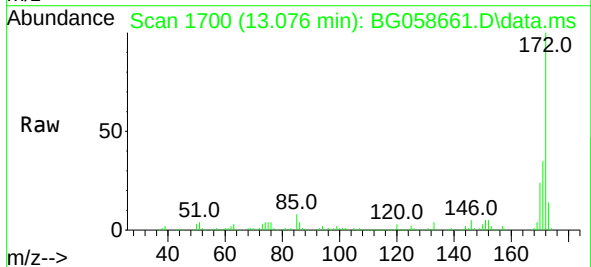
Instrument :
BNA_G
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DAYTON-SOIL1

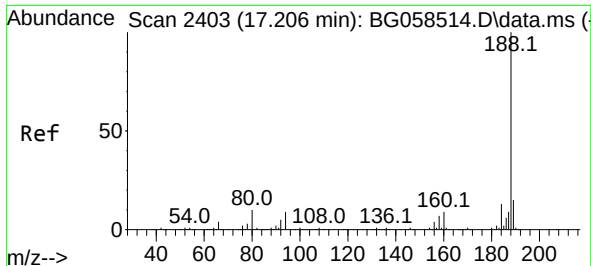
Tgt Ion:330 Resp: 165503
Ion Ratio Lower Upper
330 100
332 96.0 77.5 116.3
141 26.5 20.7 31.1



#45
2-Fluorobiphenyl
Concen: 52.357 ng
RT: 13.076 min Scan# 1700
Delta R.T. -0.005 min
Lab File: BG058661.D
Acq: 9 Aug 2023 16:35

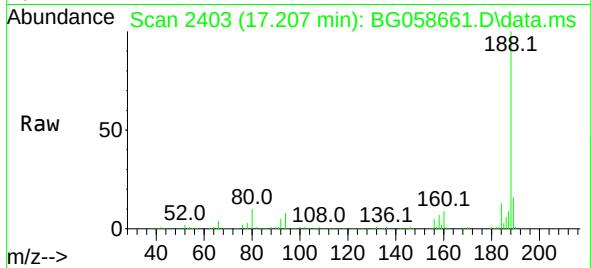
Tgt Ion:172 Resp: 459006
Ion Ratio Lower Upper
172 100
171 35.4 28.0 42.0
170 23.7 18.4 27.6



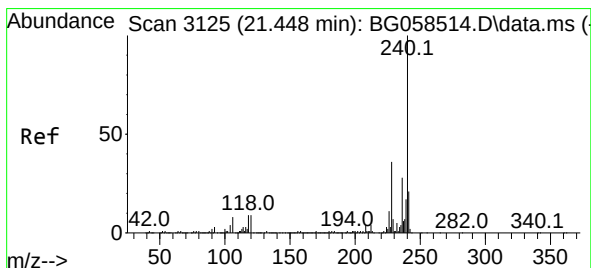
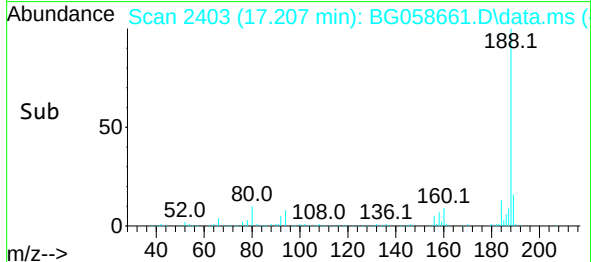
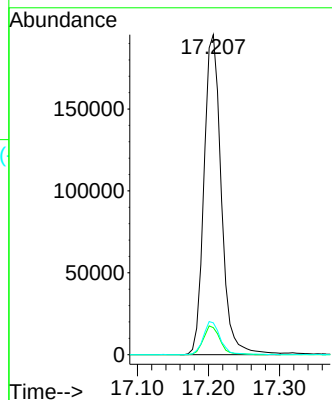


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.207 min Scan# 2403
Delta R.T. 0.001 min
Lab File: BG058661.D
Acq: 9 Aug 2023 16:35

Instrument :
BNA_G
ClientSampleId :
DAYTON-SOIL1

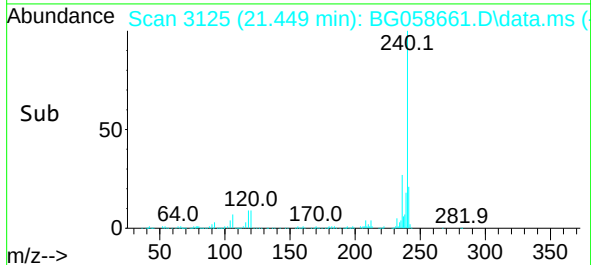
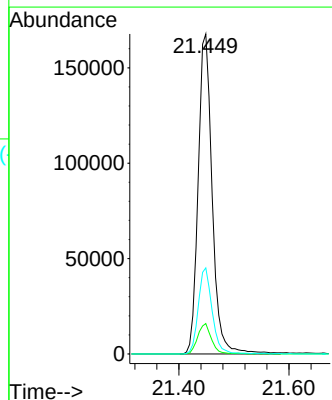
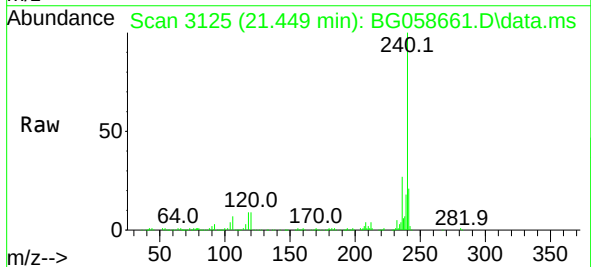


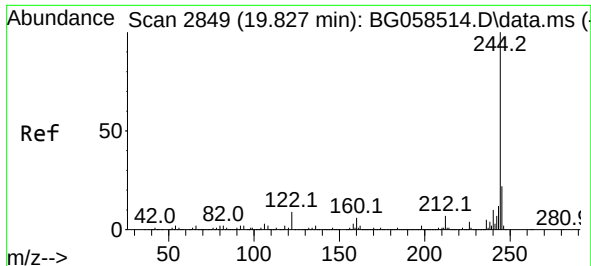
Tgt Ion:188 Resp: 331046
Ion Ratio Lower Upper
188 100
94 8.5 7.0 10.6
80 10.0 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.449 min Scan# 3125
Delta R.T. 0.001 min
Lab File: BG058661.D
Acq: 9 Aug 2023 16:35

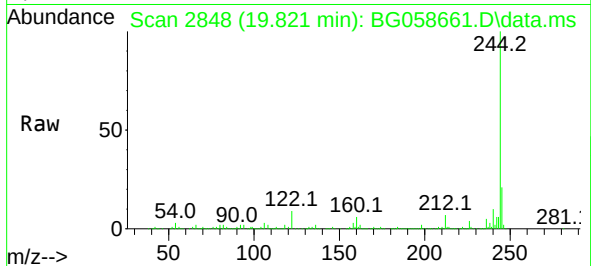
Tgt Ion:240 Resp: 297885
Ion Ratio Lower Upper
240 100
120 9.5 7.4 11.0
236 26.9 22.2 33.4



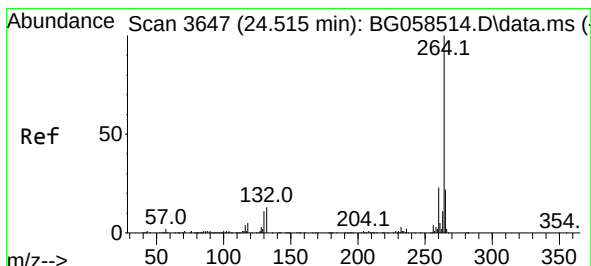
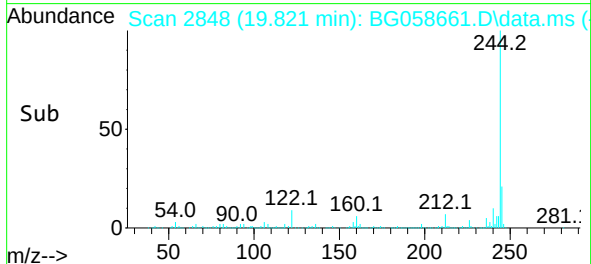
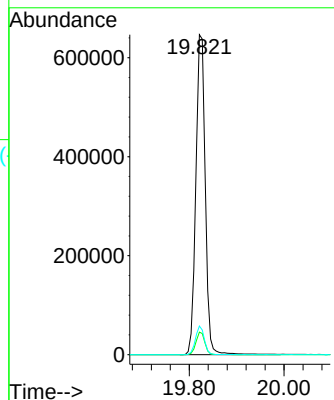


#79
 Terphenyl-d14
 Concen: 56.210 ng
 RT: 19.821 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG058661.D
 Acq: 9 Aug 2023 16:35

Instrument :
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 ClientSampleId :
 DAYTON-SOIL1



Tgt Ion:244 Resp: 890388
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 8.9 6.8 10.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.522 min Scan# 3648
 Delta R.T. 0.007 min
 Lab File: BG058661.D
 Acq: 9 Aug 2023 16:35

Tgt Ion:264 Resp: 353778
 Ion Ratio Lower Upper
 264 100
 260 21.1 18.4 27.6
 265 19.8 17.9 26.9

