

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080923\
 Data File : BG058662.D
 Acq On : 9 Aug 2023 17:17
 Operator : MA/JU
 Sample : 03931-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAYTON-SOIL2

Quant Time: Aug 09 18:07:58 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	7.813	152	39451	20.000	ng	0.00
21) Naphthalene-d8	10.616	136	169133	20.000	ng	0.00
39) Acenaphthene-d10	14.458	164	125505	20.000	ng	0.00
64) Phenanthrene-d10	17.202	188	314172	20.000	ng	0.00
76) Chrysene-d12	21.444	240	289608	20.000	ng	0.00
86) Perylene-d12	24.523	264	350216	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	231072	89.525	ng	0.00
7) Phenol-d6	6.985	99	321814	89.603	ng	0.00
23) Nitrobenzene-d5	8.976	82	186129	54.062	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	156636	76.143	ng	0.00
45) 2-Fluorobiphenyl	13.078	172	439199	52.443	ng	0.00
79) Terphenyl-d14	19.823	244	801780	52.062	ng	0.00

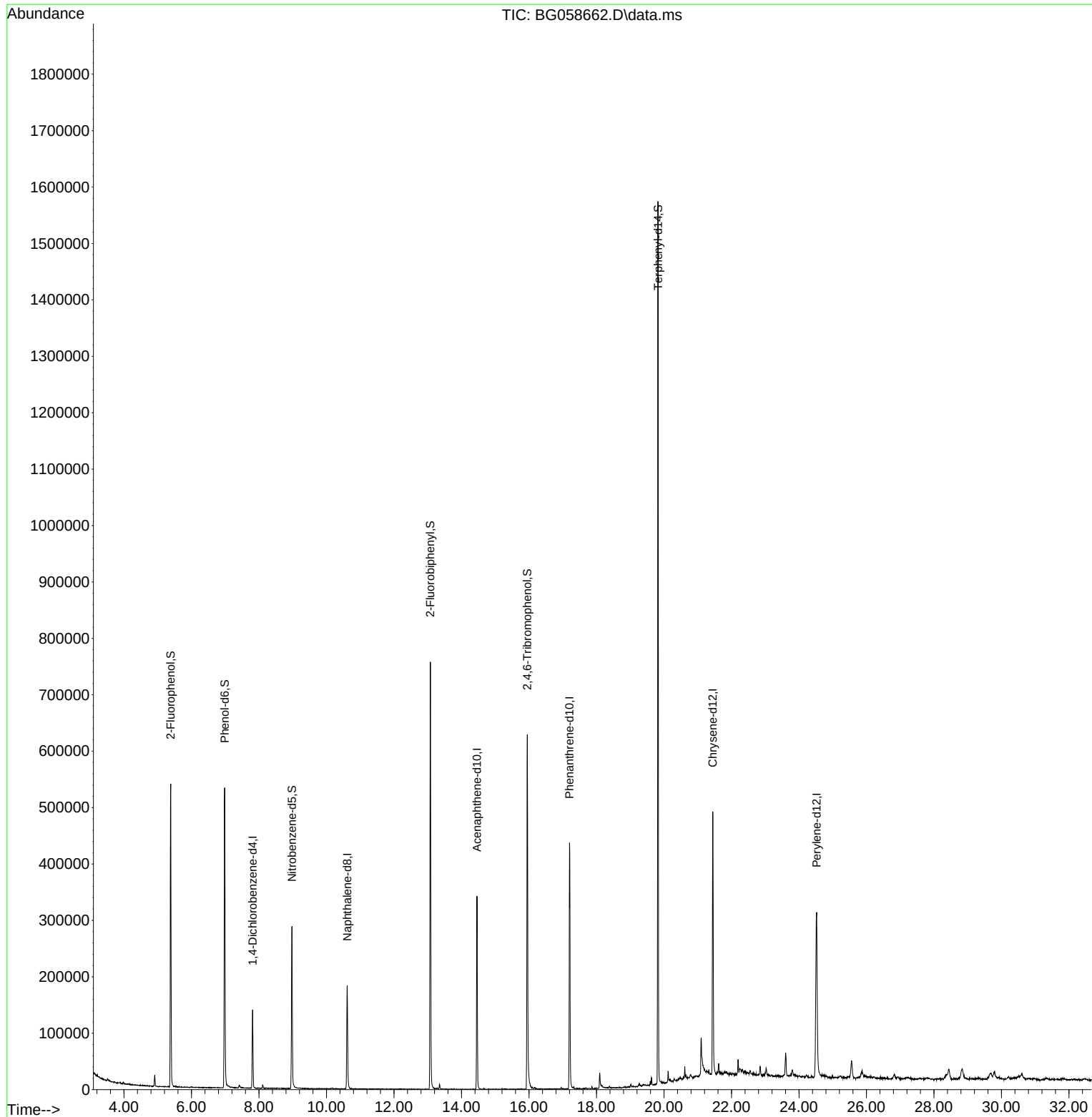
Target Compounds	Qvalue

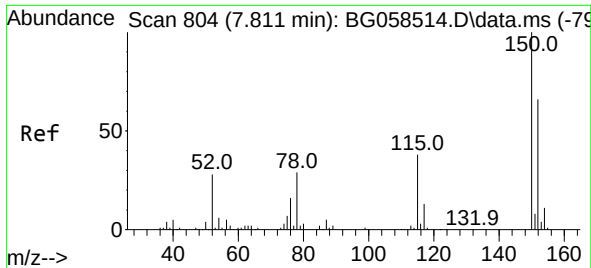
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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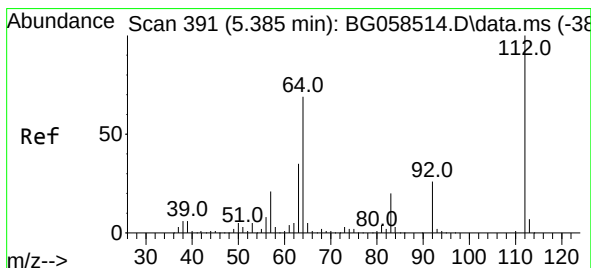
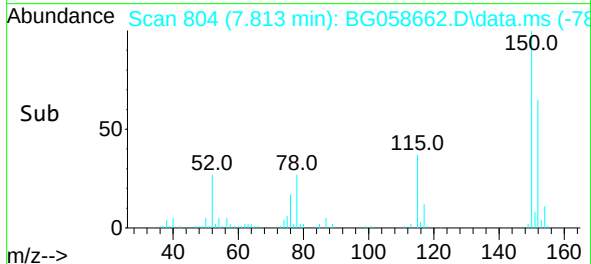
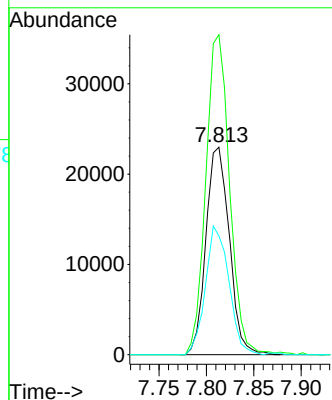
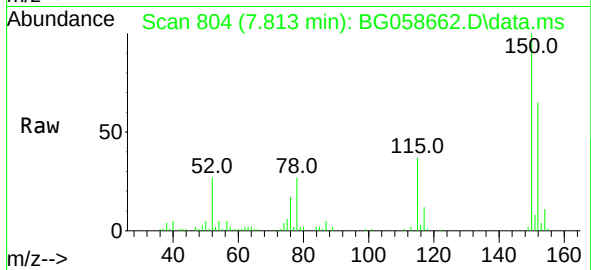




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.813 min Scan# 804
Delta R.T. 0.002 min
Lab File: BG058662.D
Acq: 9 Aug 2023 17:17

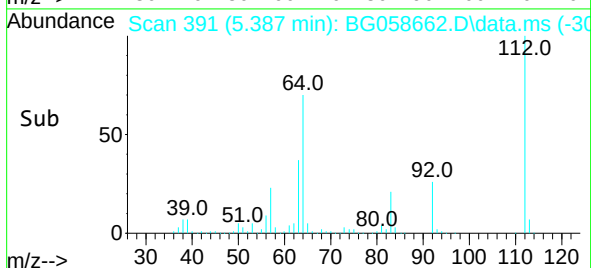
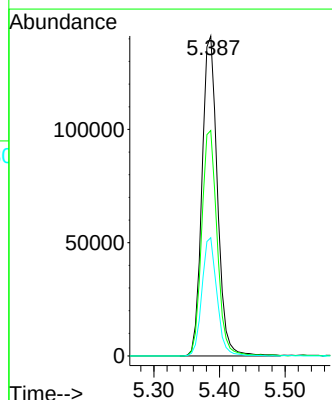
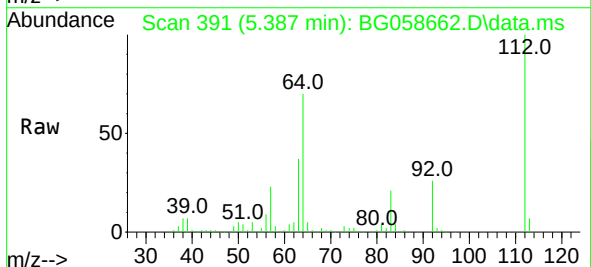
Instrument :
BNA_G
ClientSampleId :
DAYTON-SOIL2

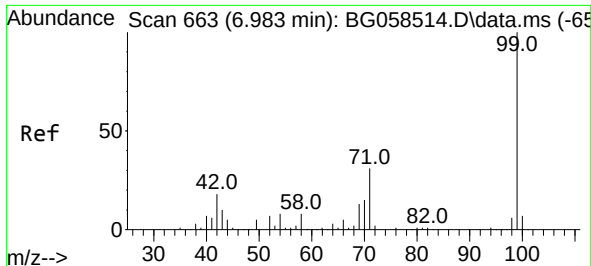
Tgt Ion:152 Resp: 39451
Ion Ratio Lower Upper
152 100
150 154.2 120.5 180.7
115 57.3 45.9 68.9



#5
2-Fluorophenol
Concen: 89.525 ng
RT: 5.387 min Scan# 391
Delta R.T. 0.002 min
Lab File: BG058662.D
Acq: 9 Aug 2023 17:17

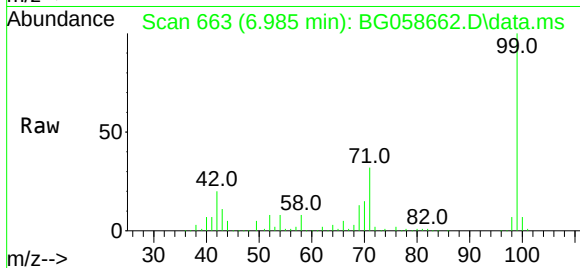
Tgt Ion:112 Resp: 231072
Ion Ratio Lower Upper
112 100
64 70.4 55.3 82.9
63 36.9 28.3 42.5





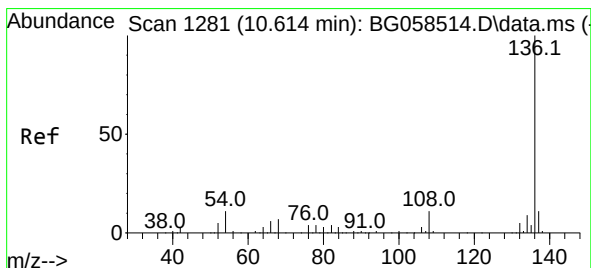
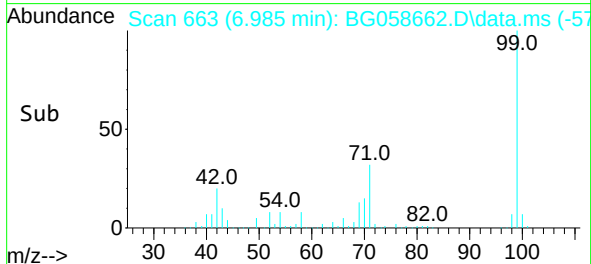
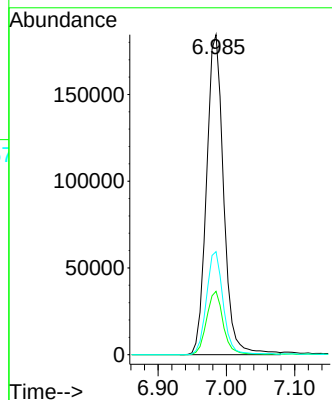
#7
Phenol-d6
Concen: 89.603 ng
RT: 6.985 min Scan# 60
Delta R.T. 0.002 min
Lab File: BG058662.D
Acq: 9 Aug 2023 17:17

Instrument :
BNA_G
ClientSampleId :
DAYTON-SOIL2



Tgt Ion: 99 Resp: 321814

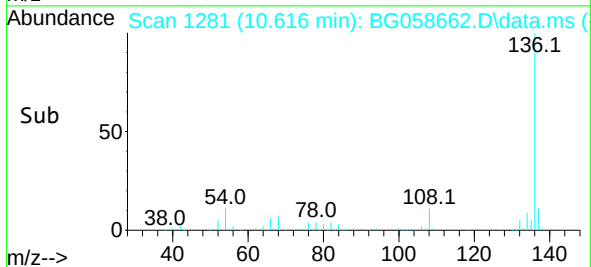
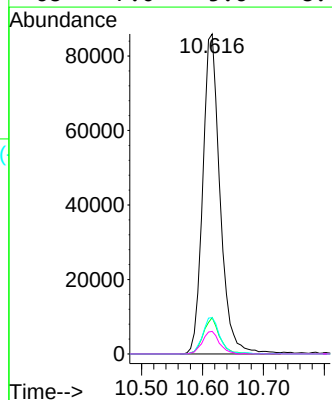
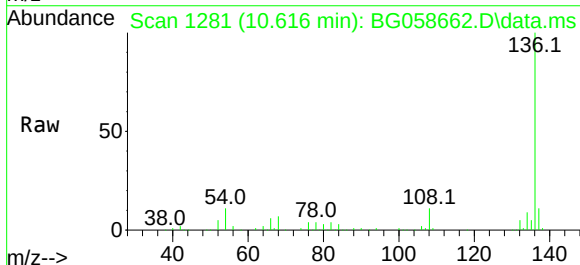
Ion	Ratio	Lower	Upper
99	100		
42	19.8	14.6	21.8
71	32.2	25.0	37.4

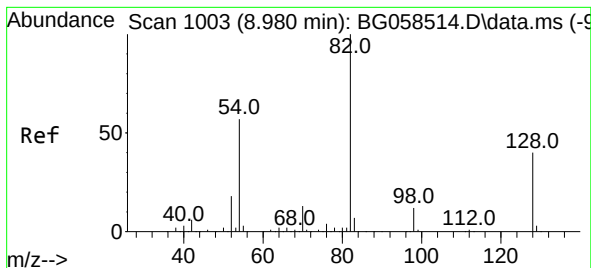


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.616 min Scan# 1281
Delta R.T. 0.002 min
Lab File: BG058662.D
Acq: 9 Aug 2023 17:17

Tgt Ion: 136 Resp: 169133

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	11.3	8.9	13.3
68	7.0	5.6	8.4





#23

Nitrobenzene-d5

Concen: 54.062 ng

RT: 8.976 min Scan# 1002

Delta R.T. -0.004 min

Lab File: BG058662.D

Acq: 9 Aug 2023 17:17

Instrument :

BNA_G

ClientSampleId :

DAYTON-SOIL2

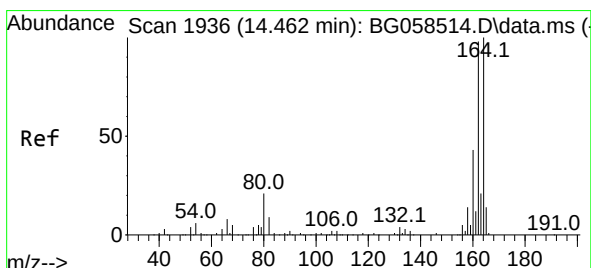
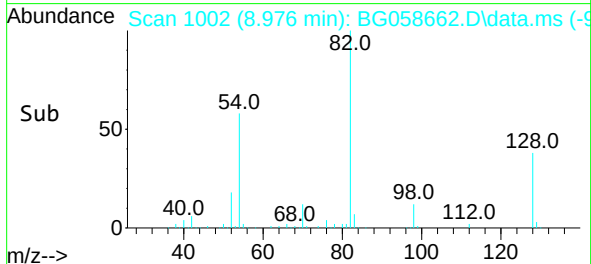
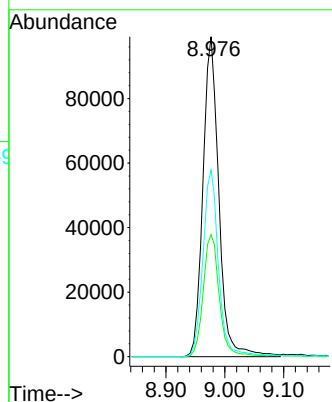
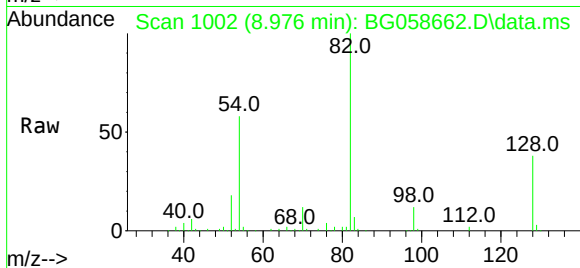
Tgt Ion: 82 Resp: 186129

Ion Ratio Lower Upper

82 100

128 38.1 32.2 48.2

54 58.3 46.0 69.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.458 min Scan# 1935

Delta R.T. -0.004 min

Lab File: BG058662.D

Acq: 9 Aug 2023 17:17

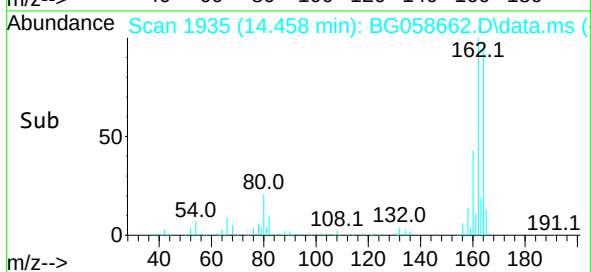
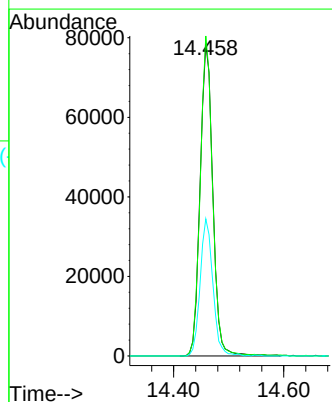
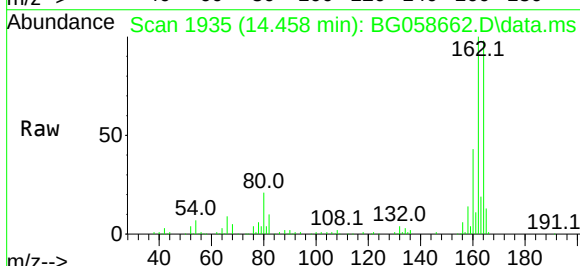
Tgt Ion:164 Resp: 125505

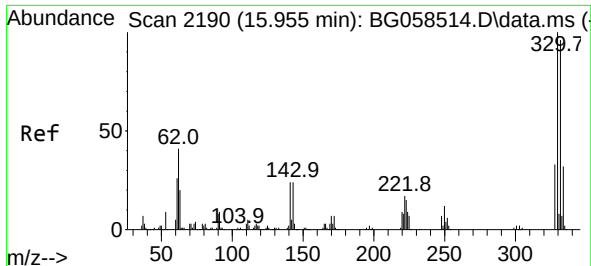
Ion Ratio Lower Upper

164 100

162 102.5 78.3 117.5

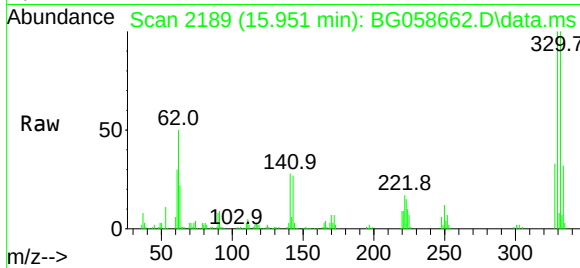
160 43.9 34.1 51.1



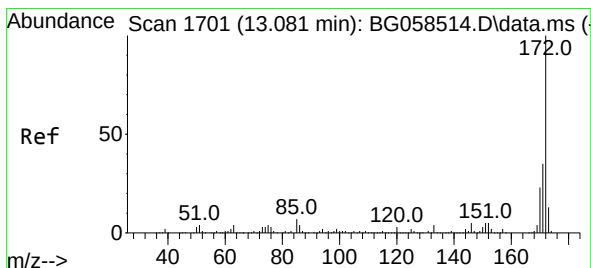
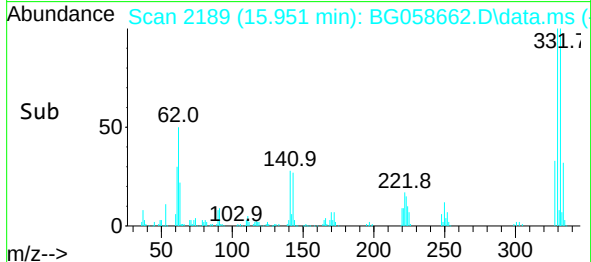
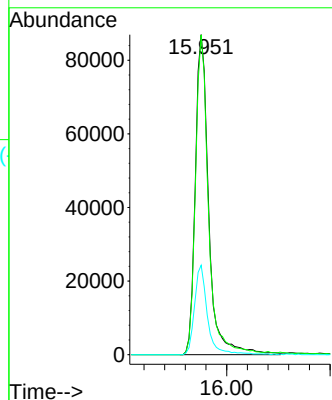


#42
2,4,6-Tribromophenol
Concen: 76.143 ng
RT: 15.951 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG058662.D
Acq: 9 Aug 2023 17:17

Instrument :
BNA_G
ClientSampleId :
DAYTON-SOIL2

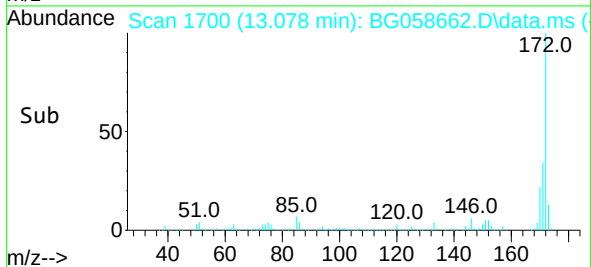
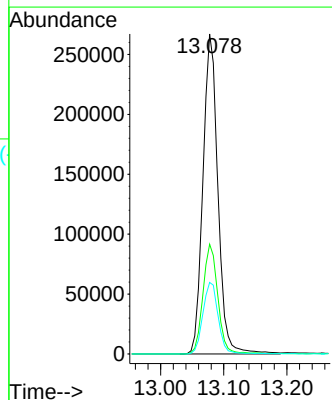
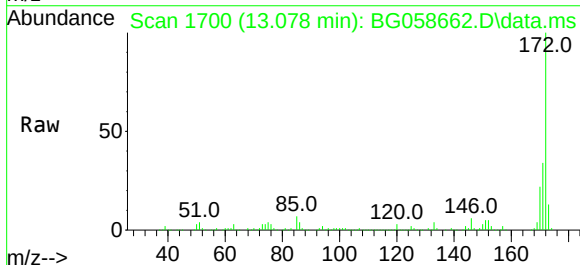


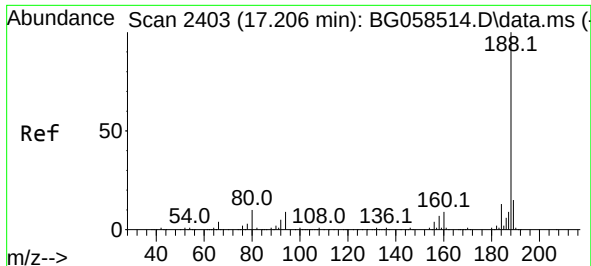
Tgt Ion:330 Resp: 156636
Ion Ratio Lower Upper
330 100
332 96.6 77.5 116.3
141 26.8 20.7 31.1



#45
2-Fluorobiphenyl
Concen: 52.443 ng
RT: 13.078 min Scan# 1700
Delta R.T. -0.004 min
Lab File: BG058662.D
Acq: 9 Aug 2023 17:17

Tgt Ion:172 Resp: 439199
Ion Ratio Lower Upper
172 100
171 34.3 28.0 42.0
170 22.3 18.4 27.6

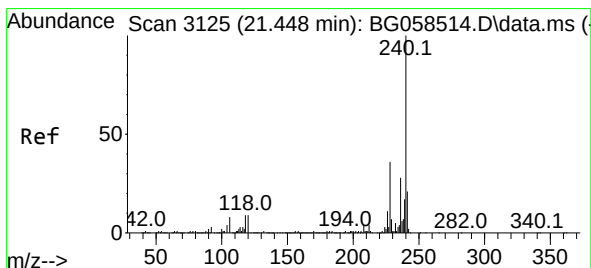
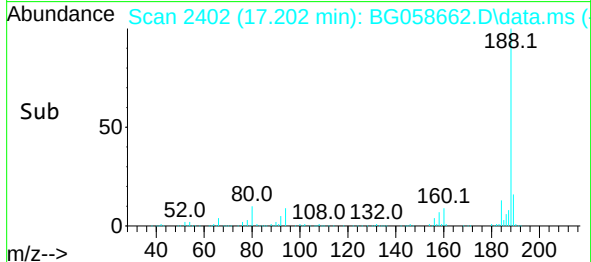
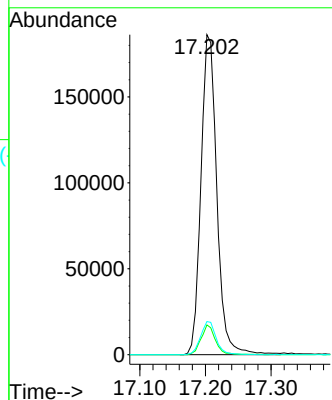
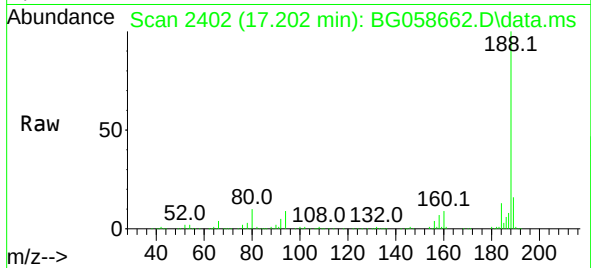




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.202 min Scan# 24
Delta R.T. -0.004 min
Lab File: BG058662.D
Acq: 9 Aug 2023 17:17

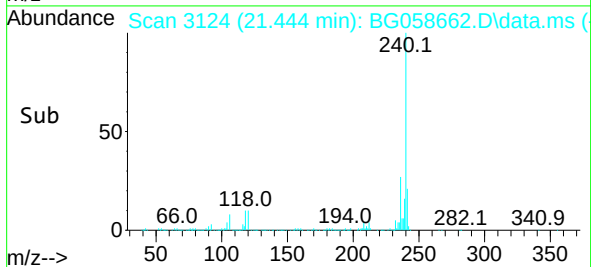
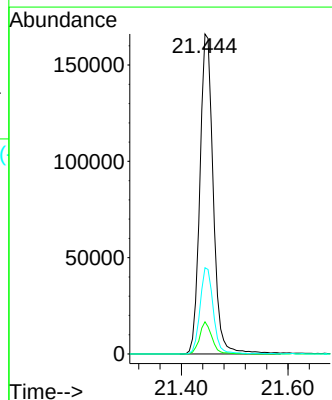
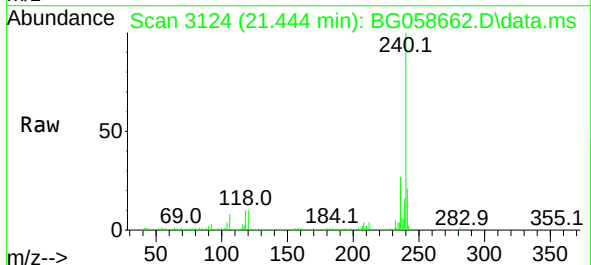
Instrument :
BNA_G
ClientSampleId :
DAYTON-SOIL2

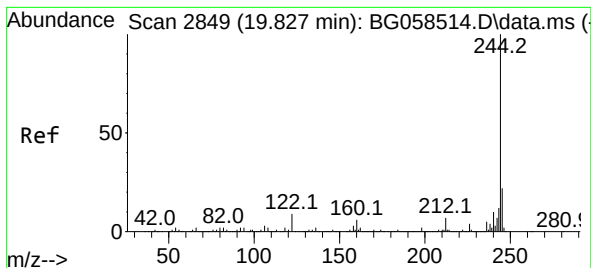
Tgt Ion:188 Resp: 314172
Ion Ratio Lower Upper
188 100
94 9.3 7.0 10.6
80 10.4 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.444 min Scan# 3124
Delta R.T. -0.004 min
Lab File: BG058662.D
Acq: 9 Aug 2023 17:17

Tgt Ion:240 Resp: 289608
Ion Ratio Lower Upper
240 100
120 10.1 7.4 11.0
236 27.0 22.2 33.4





#79

Terphenyl-d14

Concen: 52.062 ng

RT: 19.823 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG058662.D

Acq: 9 Aug 2023 17:17

Instrument :

BNA_G

ClientSampleId :

DAYTON-SOIL2

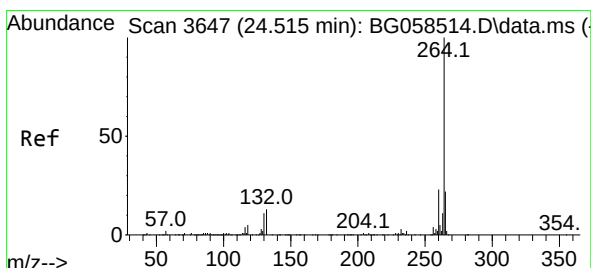
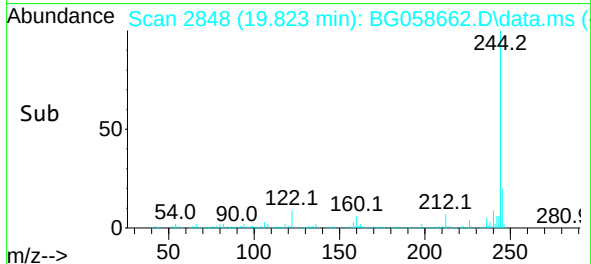
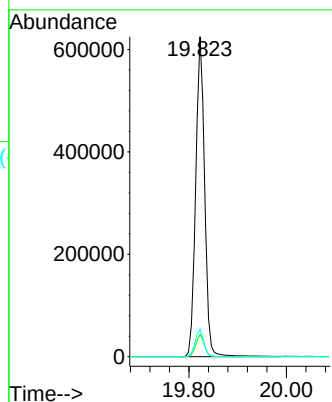
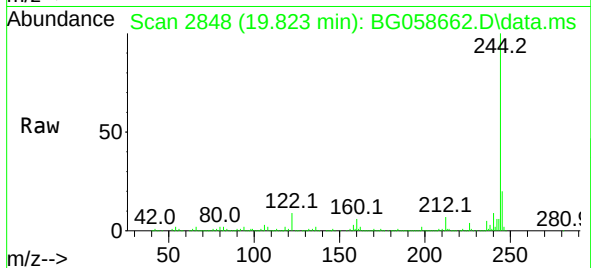
Tgt Ion:244 Resp: 801780

Ion Ratio Lower Upper

244 100

212 6.9 5.9 8.9

122 8.6 6.8 10.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.523 min Scan# 3648

Delta R.T. 0.008 min

Lab File: BG058662.D

Acq: 9 Aug 2023 17:17

Tgt Ion:264 Resp: 350216

Ion Ratio Lower Upper

264 100

260 23.7 18.4 27.6

265 22.8 17.9 26.9

