

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041824\
 Data File : BG060952.D
 Acq On : 19 Apr 2024 2:04
 Operator : MA/JU
 Sample : P2151-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL

Quant Time: Apr 19 04:14:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 18 02:02:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.939	152	49856	20.000	ng	0.00
21) Naphthalene-d8	10.730	136	193865	20.000	ng	0.00
39) Acenaphthene-d10	14.566	164	171093	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	442833	20.000	ng	0.00
76) Chrysene-d12	21.570	240	423659	20.000	ng	0.00
86) Perylene-d12	24.690	264	507145	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.524	112	224389	78.177	ng	0.00
7) Phenol-d6	7.105	99	333699	80.704	ng	0.00
23) Nitrobenzene-d5	9.090	82	206649	48.391	ng	0.00
42) 2,4,6-Tribromophenol	16.053	330	229122	81.062	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	589521	50.563	ng	0.00
79) Terphenyl-d14	19.937	244	1318463	54.313	ng	0.00

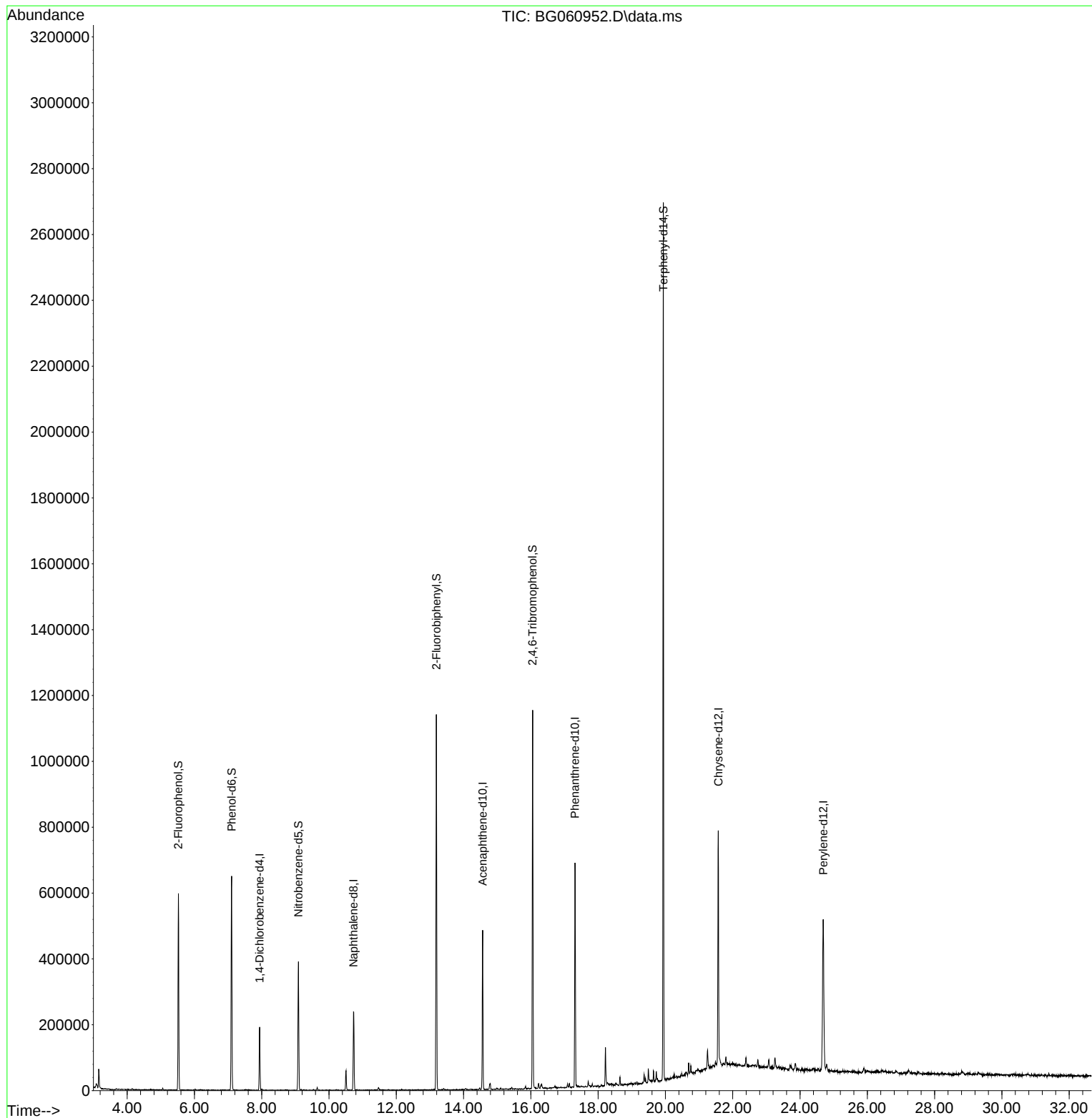
Target Compounds	Qvalue

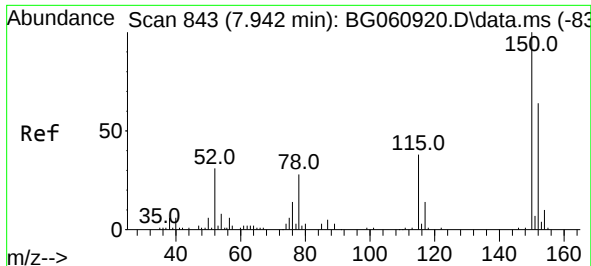
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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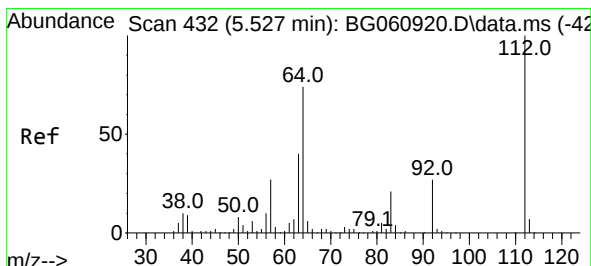
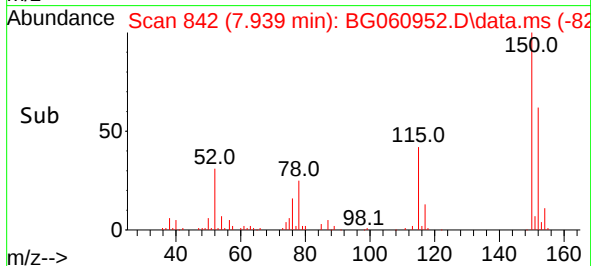
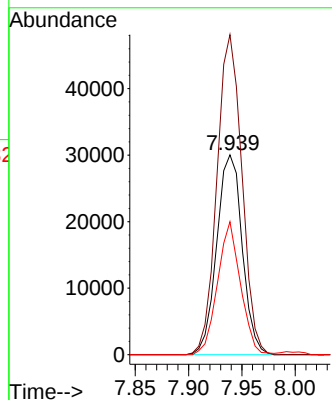
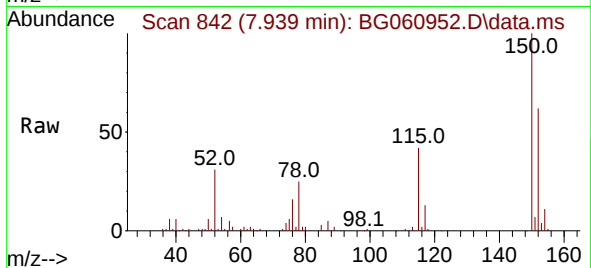




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.939 min Scan# 843
Delta R.T. -0.003 min
Lab File: BG060952.D
Acq: 19 Apr 2024 2:04

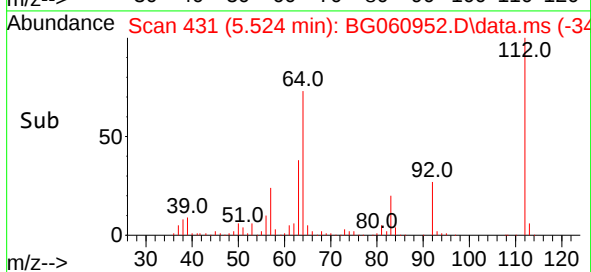
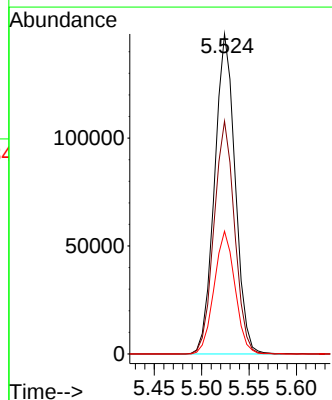
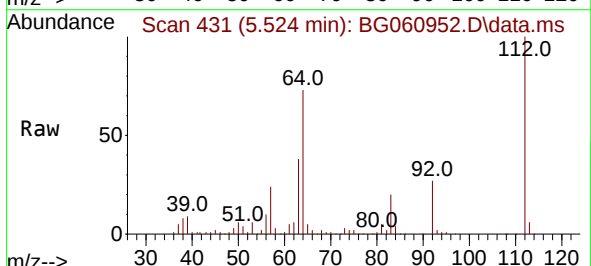
Instrument :
BNA_G
ClientSampleId :
SOIL

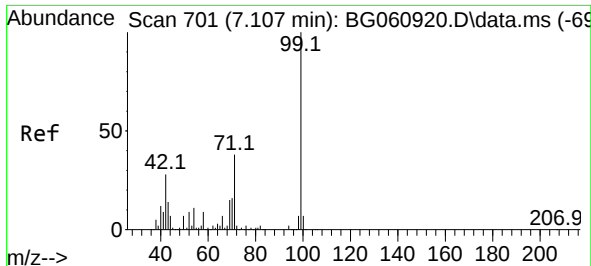
Tgt Ion:152 Resp: 49856
Ion Ratio Lower Upper
152 100
150 160.1 125.6 188.4
115 66.5 47.1 70.7



#5
2-Fluorophenol
Concen: 78.177 ng
RT: 5.524 min Scan# 431
Delta R.T. -0.003 min
Lab File: BG060952.D
Acq: 19 Apr 2024 2:04

Tgt Ion:112 Resp: 224389
Ion Ratio Lower Upper
112 100
64 72.8 58.9 88.3
63 38.3 32.1 48.1

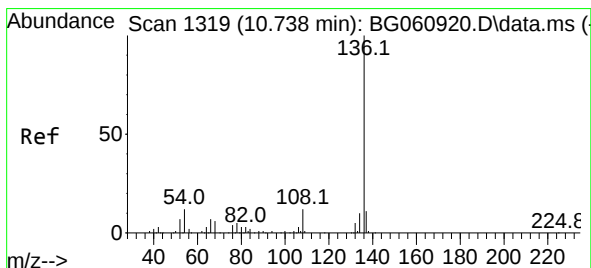
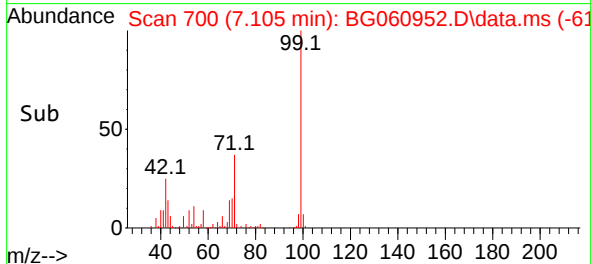
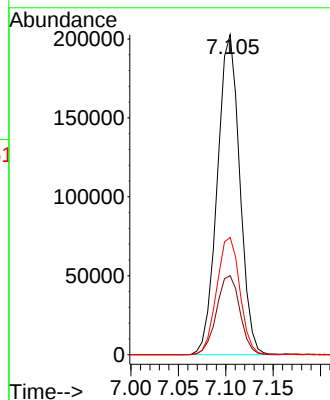
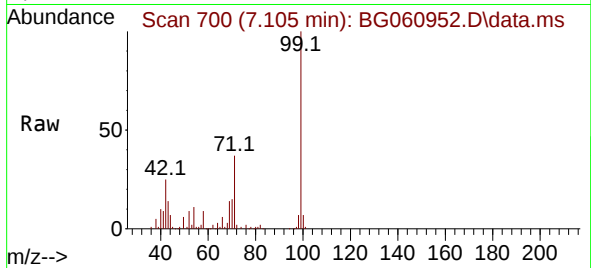




#7
Phenol-d6
Concen: 80.704 ng
RT: 7.105 min Scan# 701
Delta R.T. -0.003 min
Lab File: BG060952.D
Acq: 19 Apr 2024 2:04

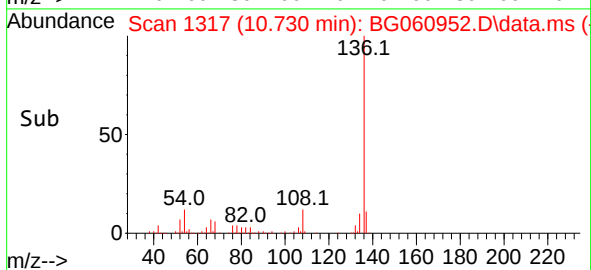
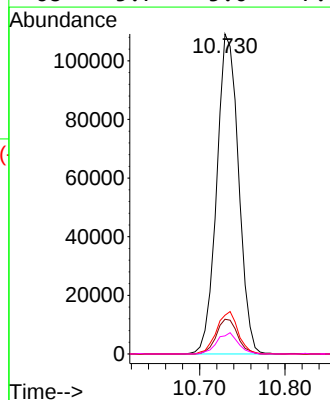
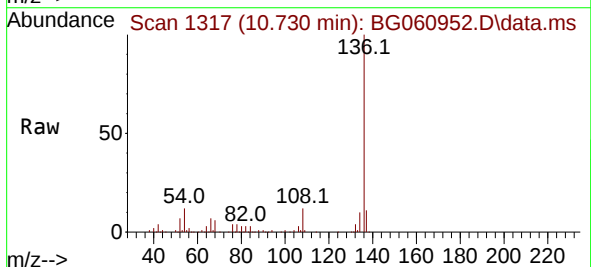
Instrument :
BNA_G
ClientSampleId :
SOIL

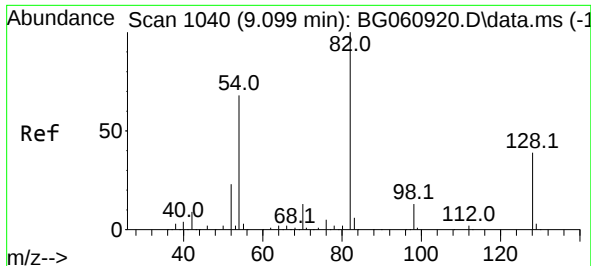
Tgt Ion: 99 Resp: 333699
Ion Ratio Lower Upper
99 100
42 24.7 22.2 33.2
71 36.6 30.5 45.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.730 min Scan# 1317
Delta R.T. -0.009 min
Lab File: BG060952.D
Acq: 19 Apr 2024 2:04

Tgt Ion: 136 Resp: 193865
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 12.1 9.8 14.8
68 5.7 5.0 7.4





#23

Nitrobenzene-d5

Concen: 48.391 ng

RT: 9.090 min Scan# 1040

Delta R.T. -0.009 min

Lab File: BG060952.D

Acq: 19 Apr 2024 2:04

Instrument :

BNA_G

ClientSampleId :

SOIL

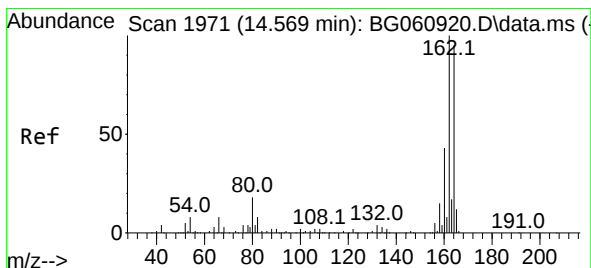
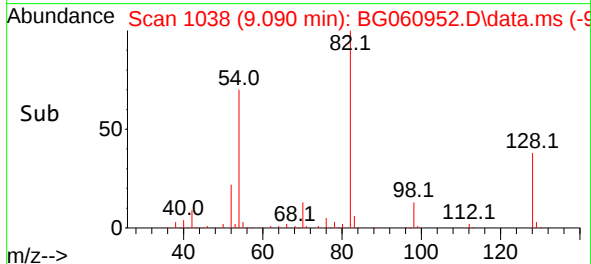
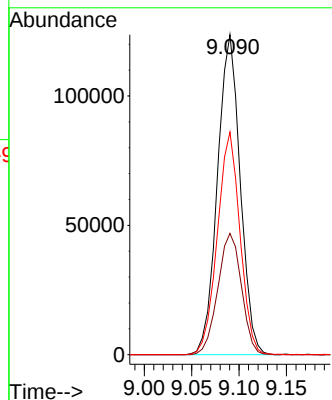
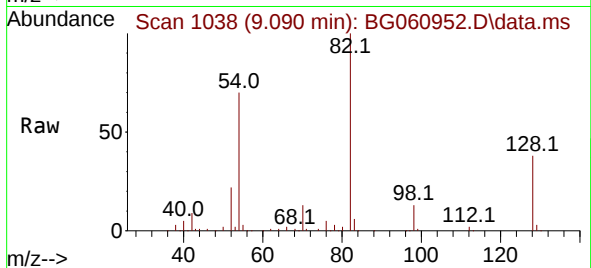
Tgt Ion: 82 Resp: 206649

Ion Ratio Lower Upper

82 100

128 37.9 31.4 47.0

54 69.5 54.2 81.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.566 min Scan# 1970

Delta R.T. -0.003 min

Lab File: BG060952.D

Acq: 19 Apr 2024 2:04

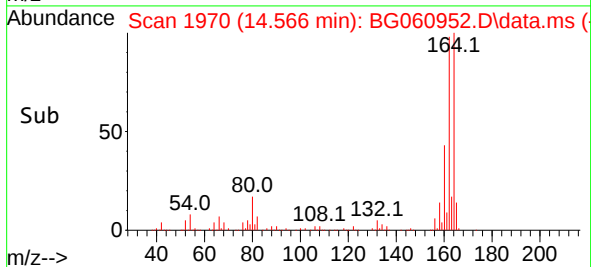
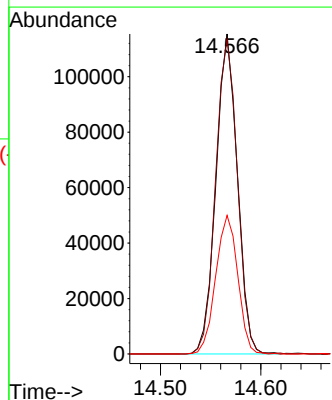
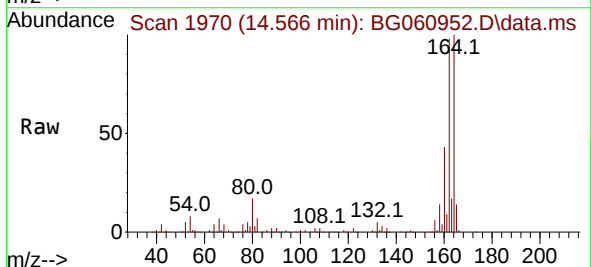
Tgt Ion:164 Resp: 171093

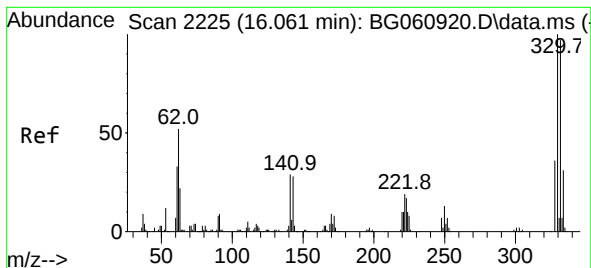
Ion Ratio Lower Upper

164 100

162 98.3 84.1 126.1

160 43.3 35.9 53.9

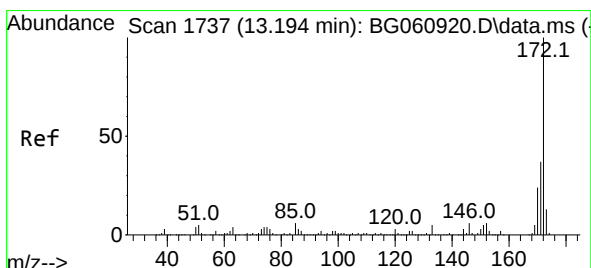
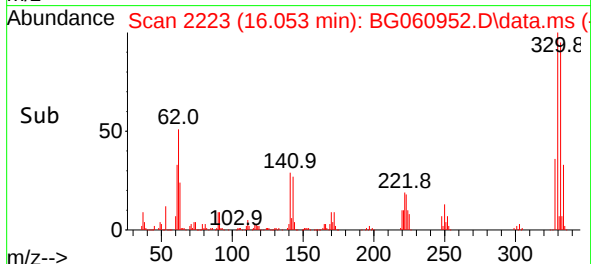
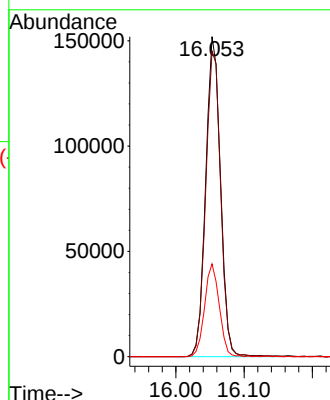
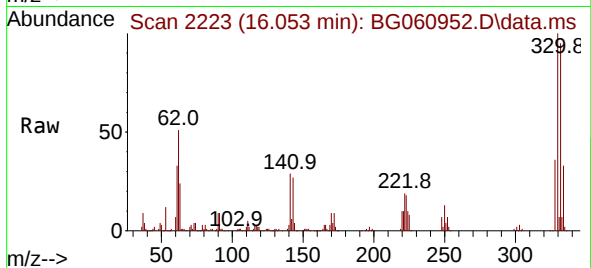




#42
2,4,6-Tribromophenol
Concen: 81.062 ng
RT: 16.053 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG060952.D
Acq: 19 Apr 2024 2:04

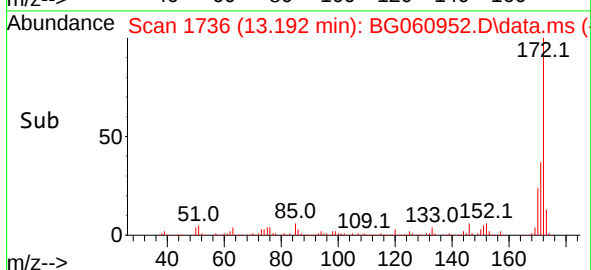
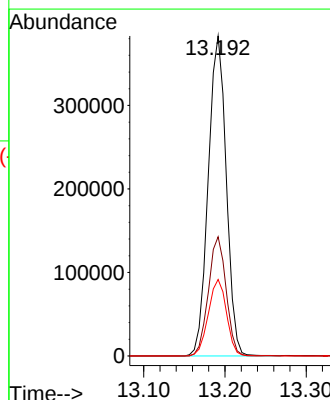
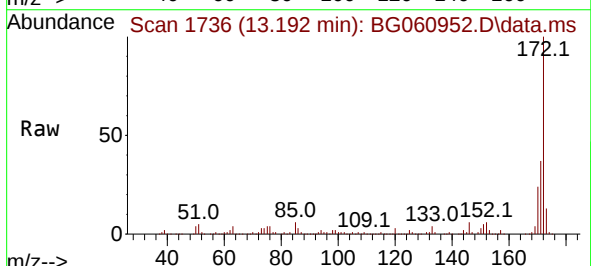
Instrument :
BNA_G
ClientSampleId :
SOIL

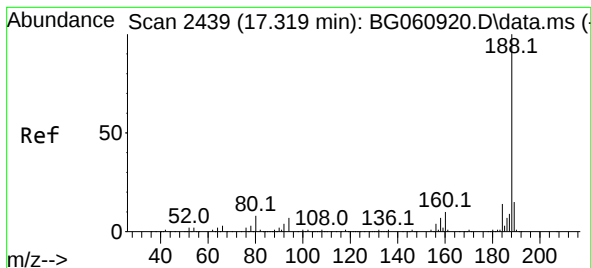
Tgt Ion:330 Resp: 229122
Ion Ratio Lower Upper
330 100
332 96.9 76.9 115.3
141 28.7 23.7 35.5



#45
2-Fluorobiphenyl
Concen: 50.563 ng
RT: 13.192 min Scan# 1736
Delta R.T. -0.003 min
Lab File: BG060952.D
Acq: 19 Apr 2024 2:04

Tgt Ion:172 Resp: 589521
Ion Ratio Lower Upper
172 100
171 37.2 29.3 43.9
170 23.9 19.5 29.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.310 min Scan# 2439

Delta R.T. -0.009 min

Lab File: BG060952.D

Acq: 19 Apr 2024 2:04

Instrument :

BNA_G

ClientSampleId :

SOIL

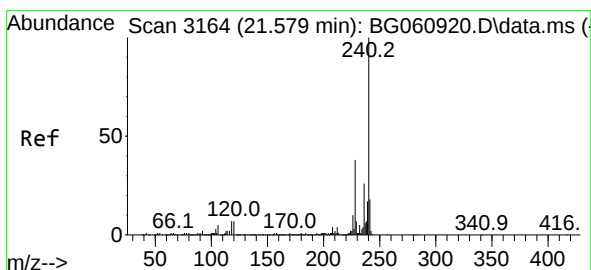
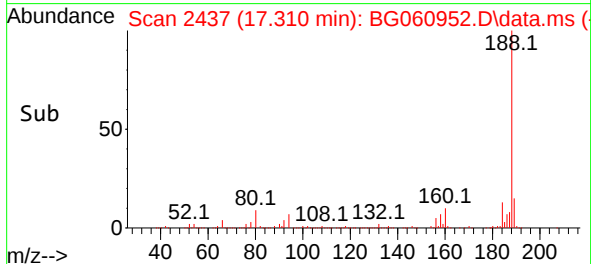
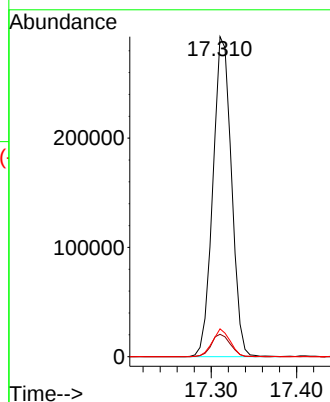
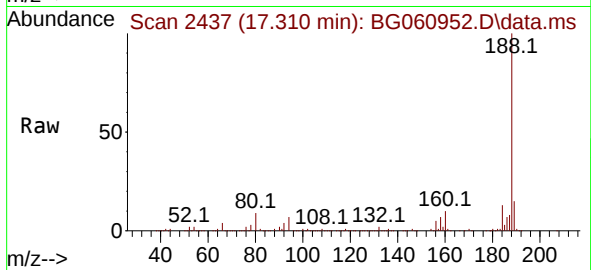
Tgt Ion:188 Resp: 442833

Ion Ratio Lower Upper

188 100

94 7.0 5.7 8.5

80 8.7 6.6 9.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.570 min Scan# 3162

Delta R.T. -0.009 min

Lab File: BG060952.D

Acq: 19 Apr 2024 2:04

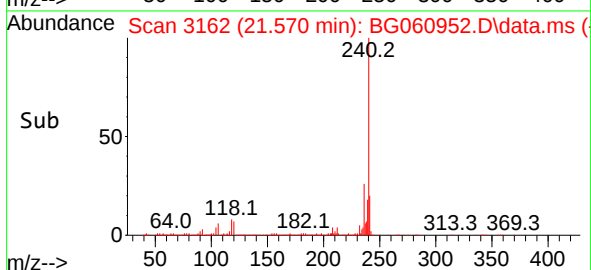
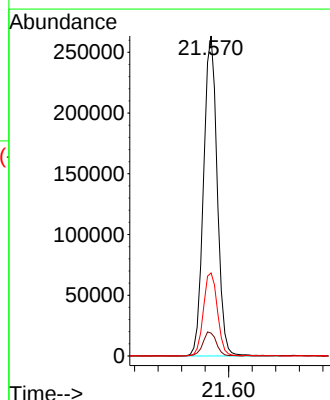
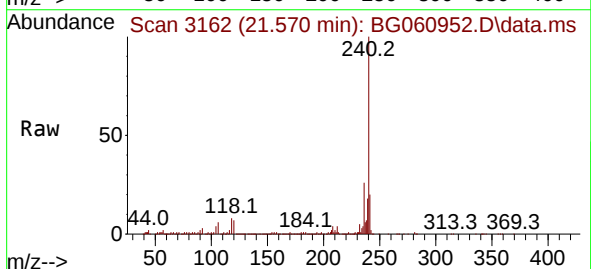
Tgt Ion:240 Resp: 423659

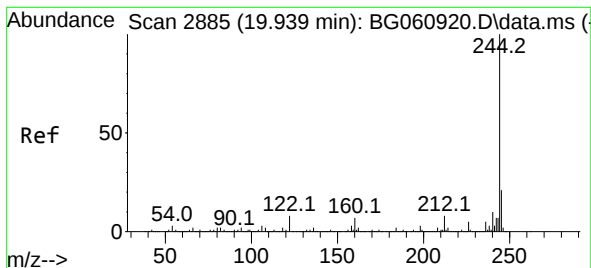
Ion Ratio Lower Upper

240 100

120 7.1 5.7 8.5

236 26.0 21.1 31.7





#79

Terphenyl-d14

Concen: 54.313 ng

RT: 19.937 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG060952.D

Acq: 19 Apr 2024 2:04

Instrument :

BNA_G

ClientSampleId :

SOIL

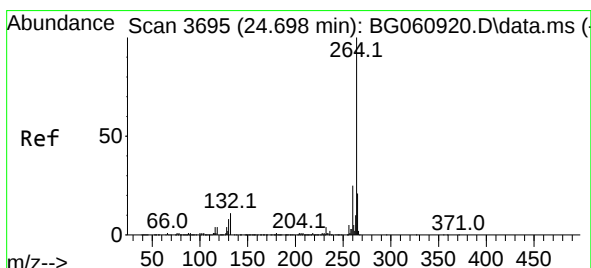
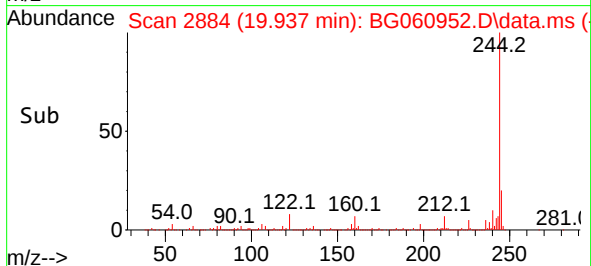
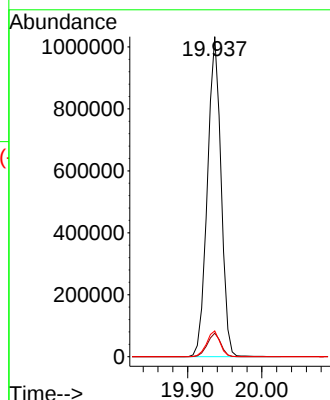
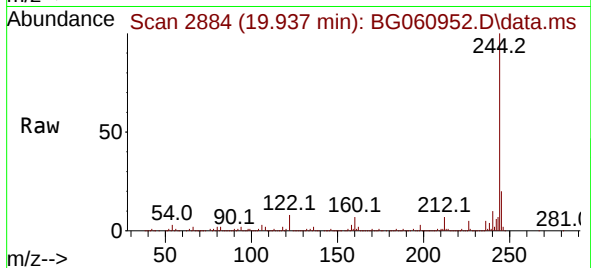
Tgt Ion:244 Resp: 1318463

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.4

122 8.0 6.6 9.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.690 min Scan# 3693

Delta R.T. -0.009 min

Lab File: BG060952.D

Acq: 19 Apr 2024 2:04

Tgt Ion:264 Resp: 507145

Ion Ratio Lower Upper

264 100

260 23.9 19.6 29.4

265 21.1 16.6 25.0

