

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111822\
 Data File : BG055697.D
 Acq On : 18 Nov 2022 19:35
 Operator : CG/JU
 Sample : N5698-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BANK-RUN-SOIL-SAMPLE-1

Quant Time: Nov 18 23:58:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 17 02:02:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.246	152	28874	20.000	ng	0.00
21) Naphthalene-d8	11.078	136	121333	20.000	ng	0.00
39) Acenaphthene-d10	14.868	164	102007	20.000	ng	0.00
64) Phenanthrene-d10	17.611	188	277751	20.000	ng	0.00
76) Chrysene-d12	21.912	240	246454	20.000	ng	0.00
86) Perylene-d12	25.320	264	261123	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.778	112	237006	148.366	ng	0.00
7) Phenol-d6	7.394	99	314743	148.014	ng	0.00
23) Nitrobenzene-d5	9.421	82	193160	84.144	ng	0.00
42) 2,4,6-Tribromophenol	16.354	330	234165	163.023	ng	0.00
45) 2-Fluorobiphenyl	13.499	172	542625	79.693	ng	0.00
79) Terphenyl-d14	20.202	244	1093228	88.722	ng	0.00

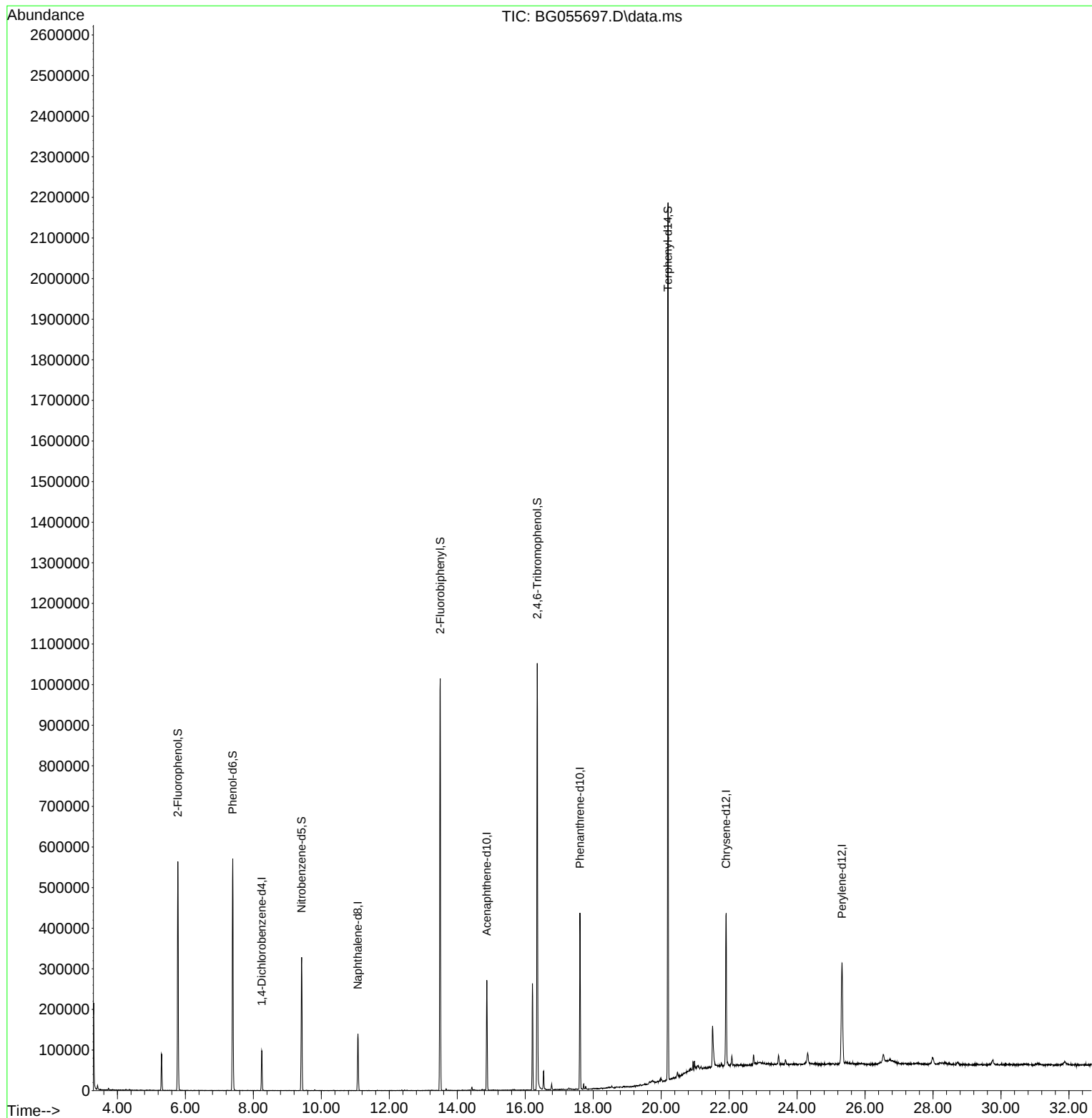
Target Compounds	Qvalue

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

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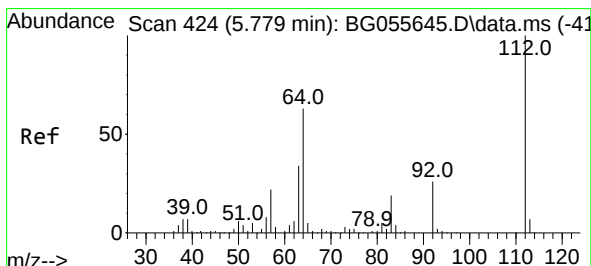
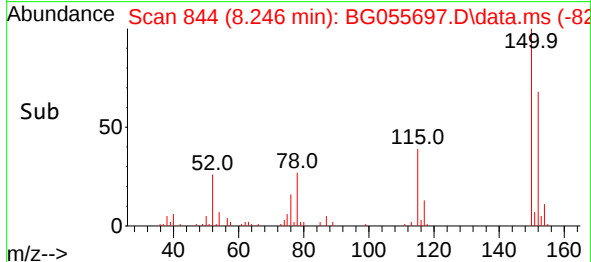
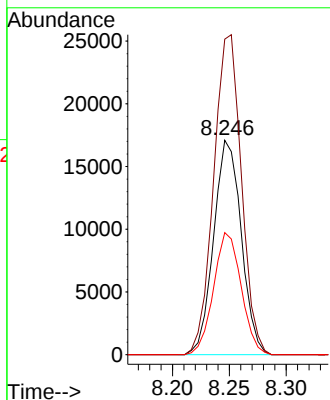
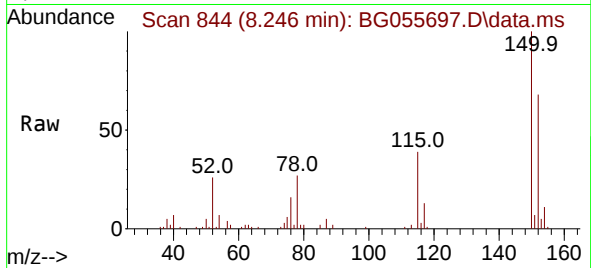




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.246 min Scan# 845
Delta R.T. -0.007 min
Lab File: BG055697.D
Acq: 18 Nov 2022 19:35

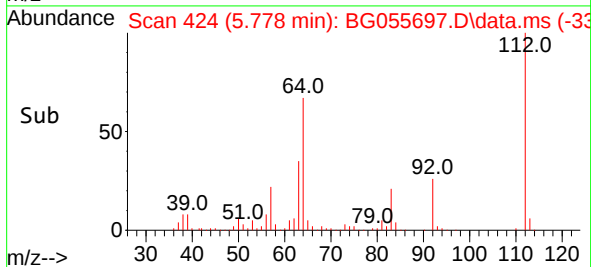
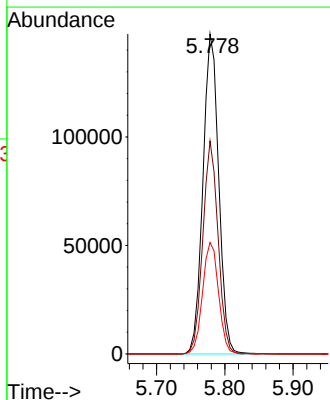
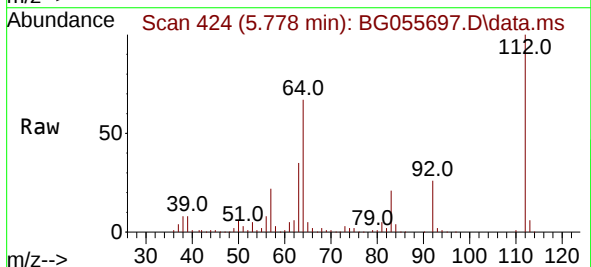
Instrument :
BNA_G
ClientSampleId :
BANK-RUN-SOIL-SAMPLE-1

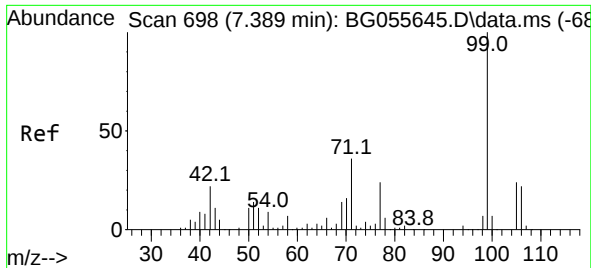
Tgt Ion:152 Resp: 28874
Ion Ratio Lower Upper
152 100
150 147.1 123.0 184.6
115 56.9 47.0 70.4



#5
2-Fluorophenol
Concen: 148.366 ng
RT: 5.778 min Scan# 424
Delta R.T. -0.001 min
Lab File: BG055697.D
Acq: 18 Nov 2022 19:35

Tgt Ion:112 Resp: 237006
Ion Ratio Lower Upper
112 100
64 66.6 50.6 76.0
63 34.8 27.5 41.3

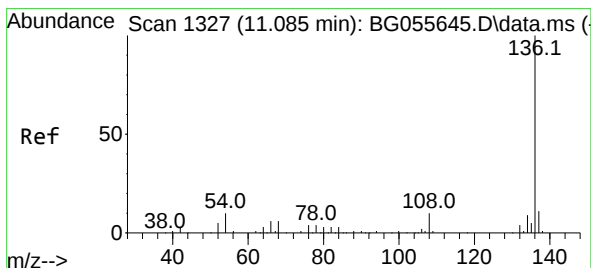
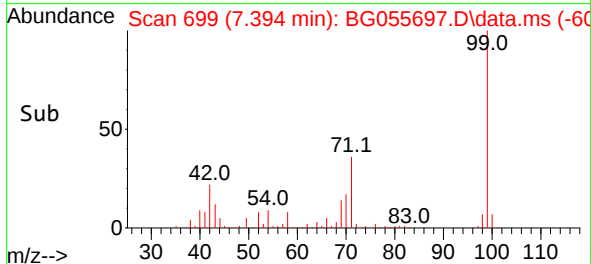
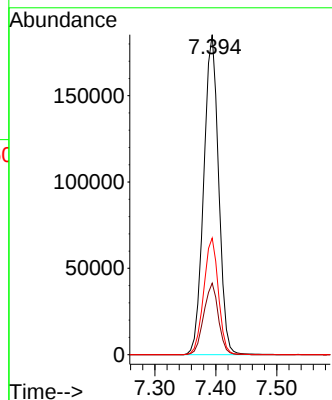
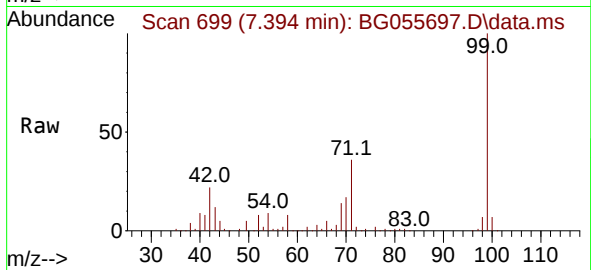




#7
Phenol-d6
Concen: 148.014 ng
RT: 7.394 min Scan# 699
Delta R.T. 0.005 min
Lab File: BG055697.D
Acq: 18 Nov 2022 19:35

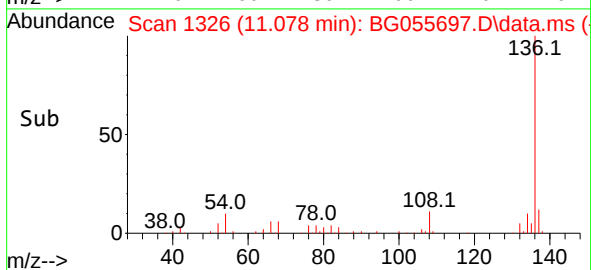
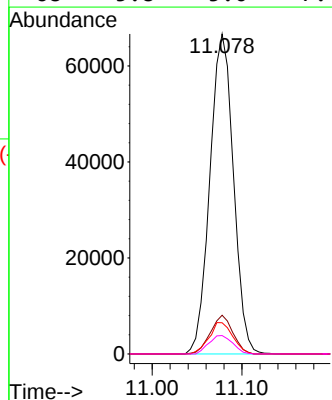
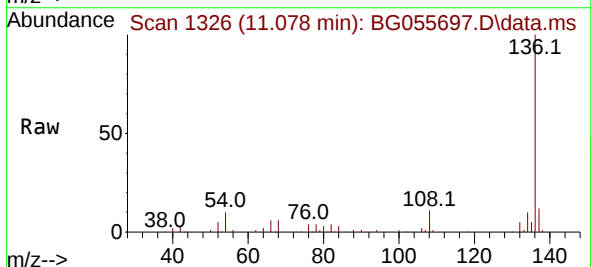
Instrument :
BNA_G
ClientSampleId :
BANK-RUN-SOIL-SAMPLE-1

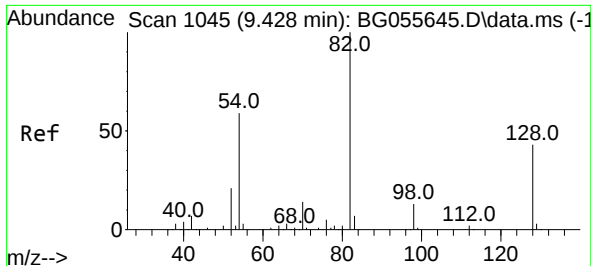
Tgt Ion: 99 Resp: 314743
Ion Ratio Lower Upper
99 100
42 22.4 18.0 27.0
71 36.4 29.0 43.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.078 min Scan# 1326
Delta R.T. -0.007 min
Lab File: BG055697.D
Acq: 18 Nov 2022 19:35

Tgt Ion: 136 Resp: 121333
Ion Ratio Lower Upper
136 100
137 12.1 9.0 13.6
54 9.8 7.8 11.6
68 5.8 5.0 7.4





#23

Nitrobenzene-d5

Concen: 84.144 ng

RT: 9.421 min Scan# 1044

Delta R.T. -0.007 min

Lab File: BG055697.D

Acq: 18 Nov 2022 19:35

Instrument :

BNA_G

ClientSampleId :

BANK-RUN-SOIL-SAMPLE-1

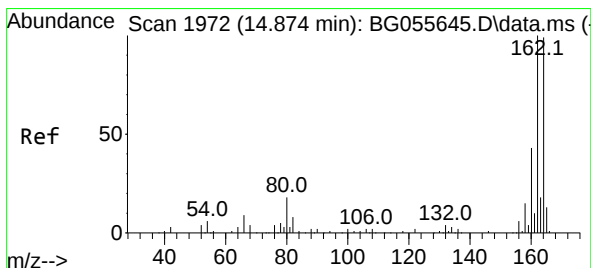
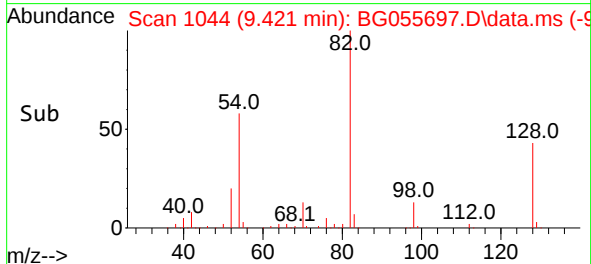
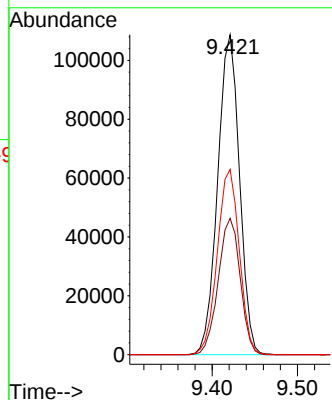
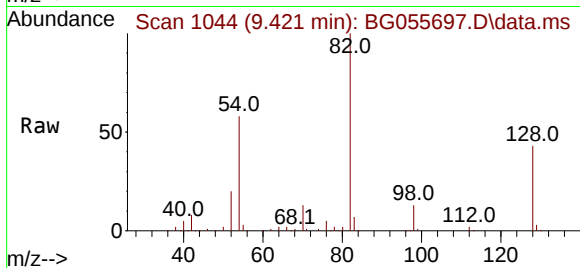
Tgt Ion: 82 Resp: 193160

Ion Ratio Lower Upper

82 100

128 42.6 34.1 51.1

54 57.9 47.3 70.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.868 min Scan# 1971

Delta R.T. -0.007 min

Lab File: BG055697.D

Acq: 18 Nov 2022 19:35

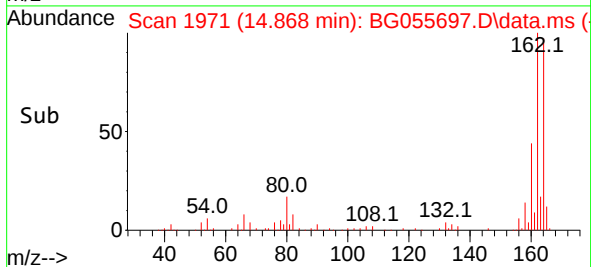
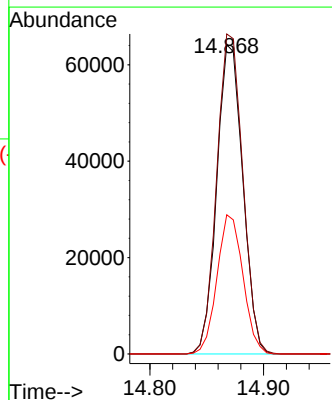
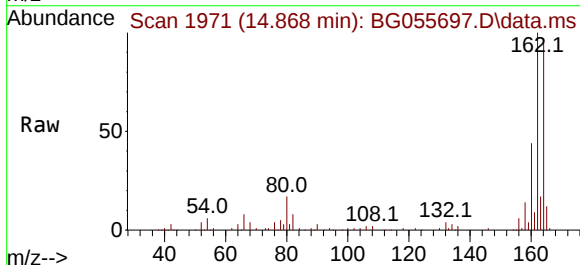
Tgt Ion:164 Resp: 102007

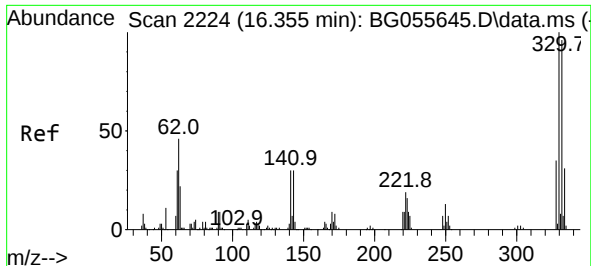
Ion Ratio Lower Upper

164 100

162 103.5 81.1 121.7

160 45.0 34.8 52.2

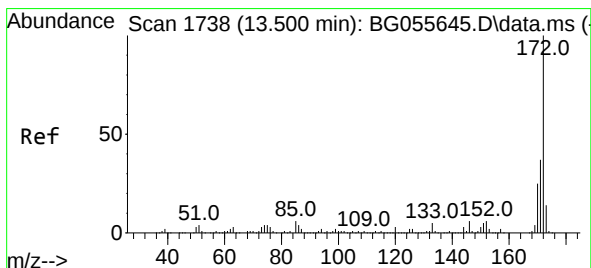
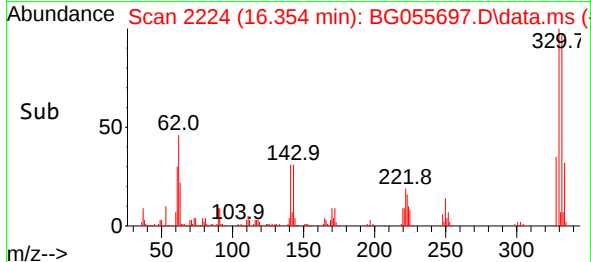
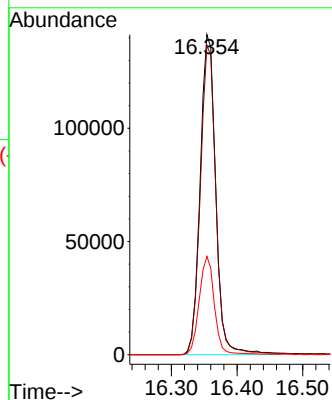
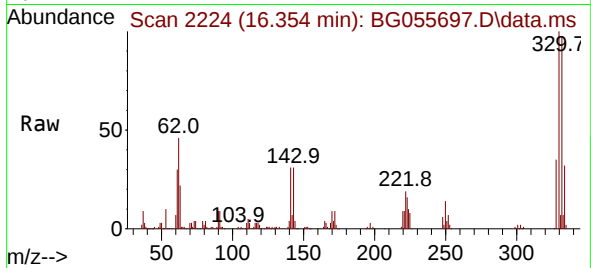




#42
2,4,6-Tribromophenol
Concen: 163.023 ng
RT: 16.354 min Scan# 211
Delta R.T. -0.001 min
Lab File: BG055697.D
Acq: 18 Nov 2022 19:35

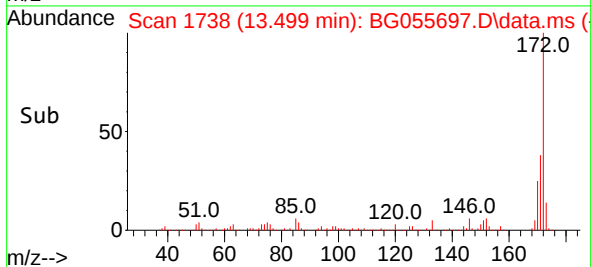
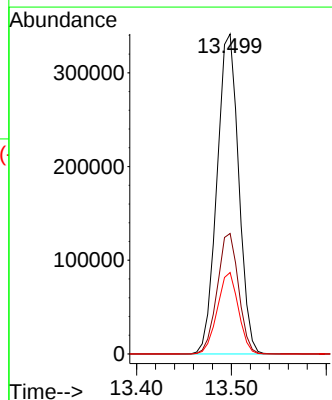
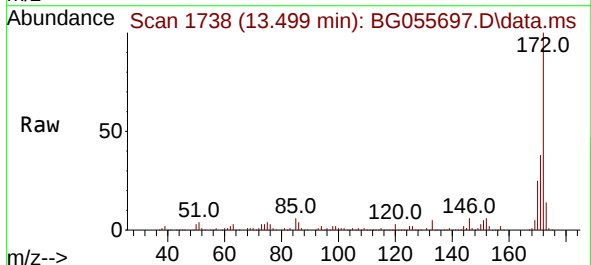
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ClientSampleId :
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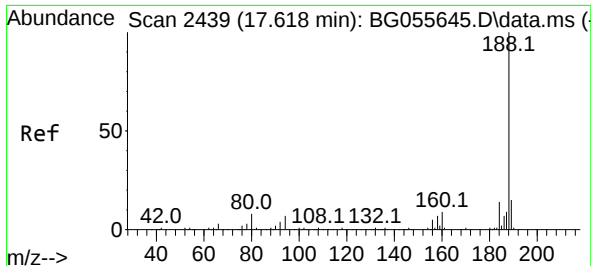
Tgt Ion:330 Resp: 234165
Ion Ratio Lower Upper
330 100
332 96.5 77.8 116.8
141 30.0 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 79.693 ng
RT: 13.499 min Scan# 1738
Delta R.T. -0.001 min
Lab File: BG055697.D
Acq: 18 Nov 2022 19:35

Tgt Ion:172 Resp: 542625
Ion Ratio Lower Upper
172 100
171 37.6 29.8 44.6
170 25.4 20.2 30.4

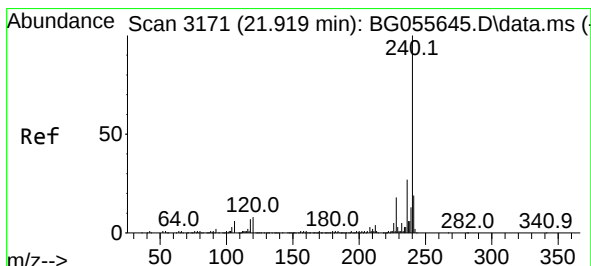
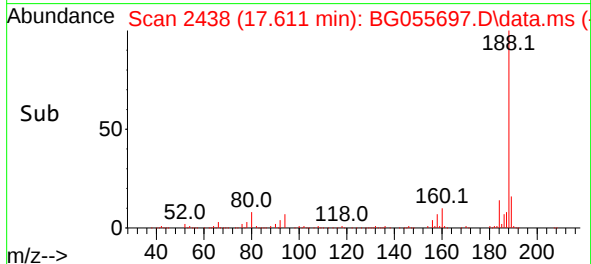
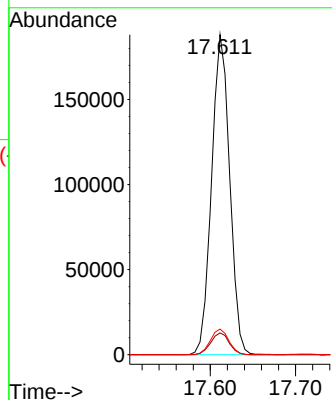
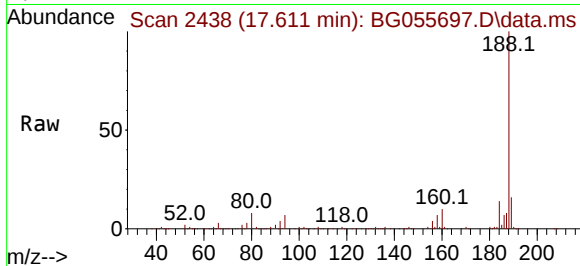




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.611 min Scan# 2438
Delta R.T. -0.007 min
Lab File: BG055697.D
Acq: 18 Nov 2022 19:35

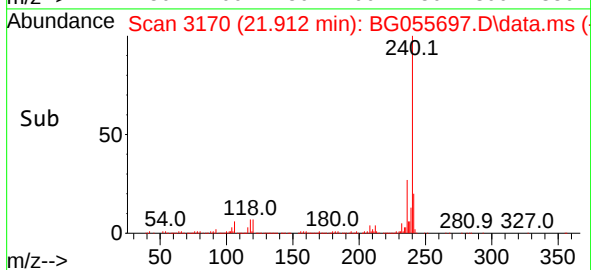
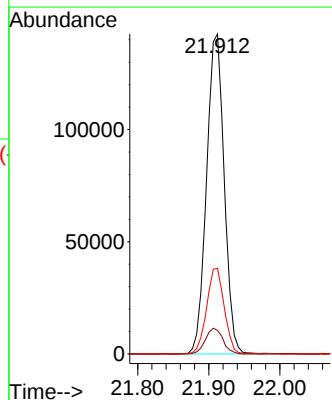
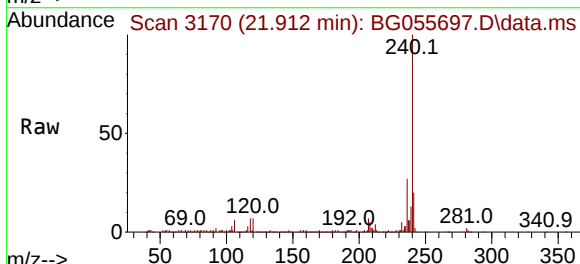
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BANK-RUN-SOIL-SAMPLE-1

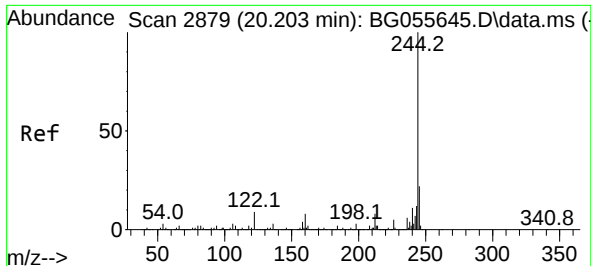
Tgt Ion:188 Resp: 277751
Ion Ratio Lower Upper
188 100
94 6.8 5.4 8.2
80 8.0 6.6 10.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.912 min Scan# 3170
Delta R.T. -0.007 min
Lab File: BG055697.D
Acq: 18 Nov 2022 19:35

Tgt Ion:240 Resp: 246454
Ion Ratio Lower Upper
240 100
120 7.4 6.3 9.5
236 26.8 21.9 32.9

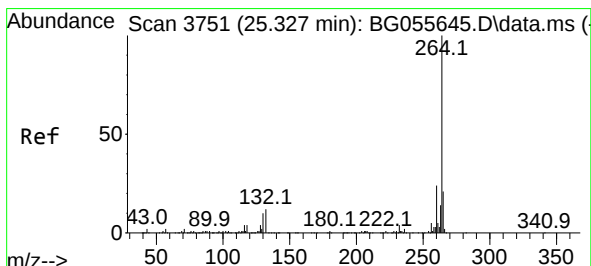
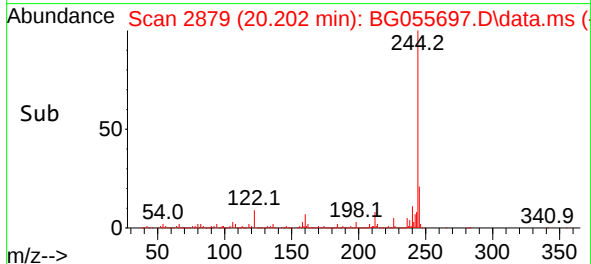
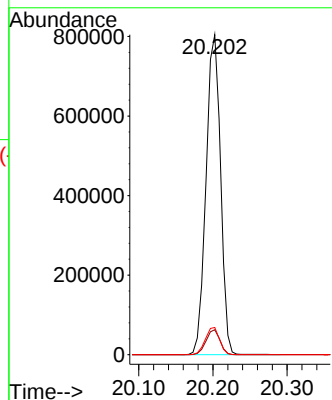
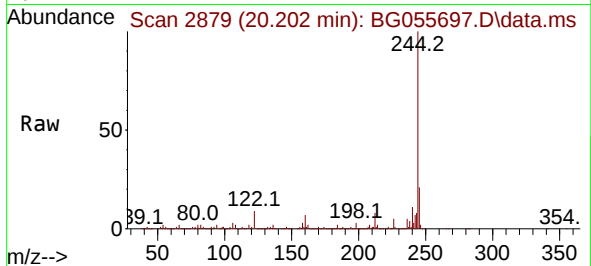




#79
 Terphenyl-d14
 Concen: 88.722 ng
 RT: 20.202 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG055697.D
 Acq: 18 Nov 2022 19:35

Instrument :
 BNA_G
 ClientSampleId :
 BANK-RUN-SOIL-SAMPLE-1

Tgt Ion:244 Resp: 1093228
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.3 9.5
 122 8.5 6.9 10.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.320 min Scan# 3750
 Delta R.T. -0.007 min
 Lab File: BG055697.D
 Acq: 18 Nov 2022 19:35

Tgt Ion:264 Resp: 261123
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.5 29.3
 265 20.8 17.1 25.7

