

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111822\
 Data File : BG055694.D
 Acq On : 18 Nov 2022 17:31
 Operator : CG/JU
 Sample : N5698-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BANK-RUN-SOIL-SAMPLE-2

Quant Time: Nov 18 23:57:43 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)

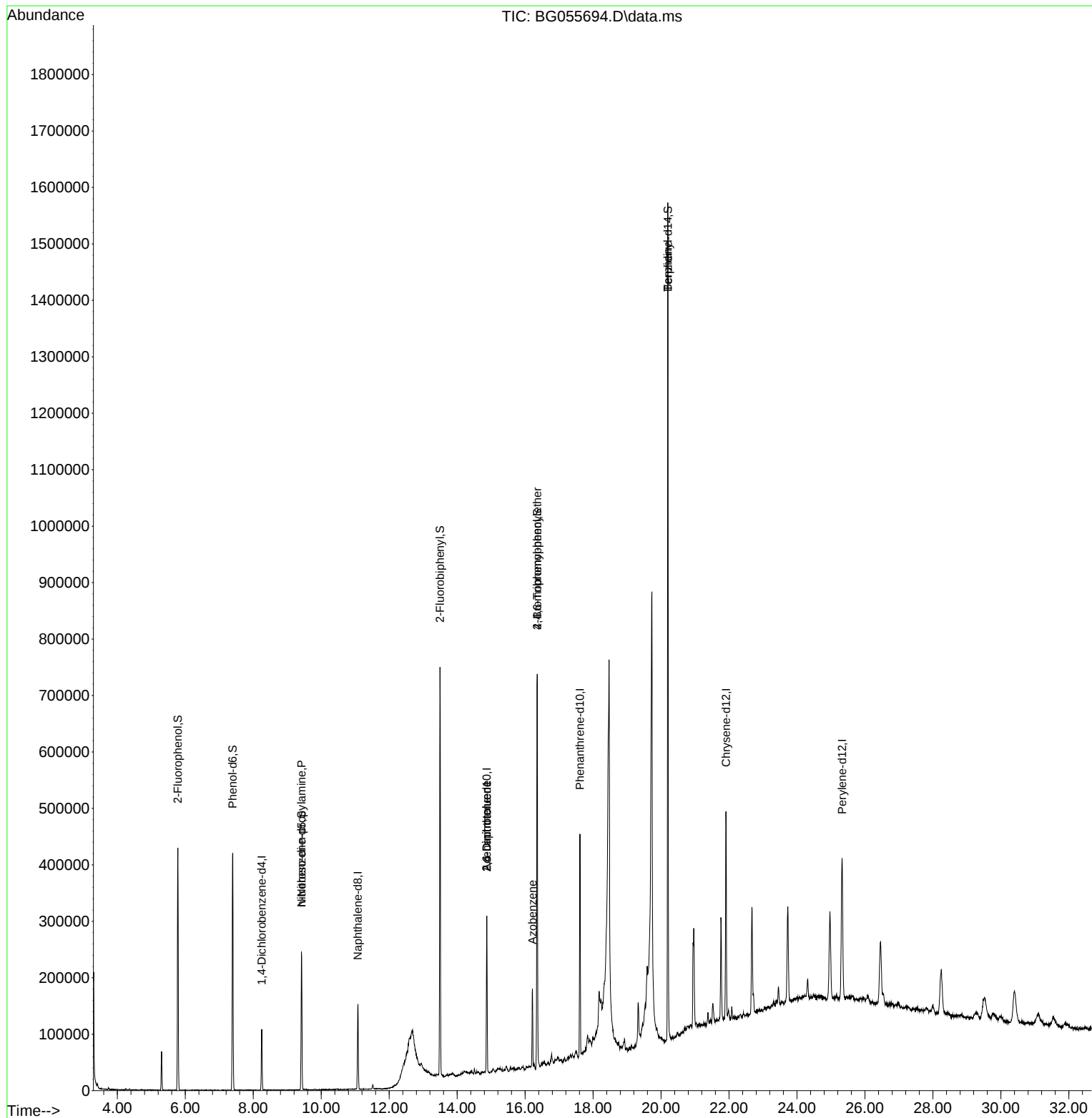
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.249	152	30695	20.000	ng	0.00
21) Naphthalene-d8	11.081	136	129421	20.000	ng	0.00
39) Acenaphthene-d10	14.870	164	98415	20.000	ng	0.00
64) Phenanthrene-d10	17.614	188	252540	20.000	ng	0.00
76) Chrysene-d12	21.909	240	236327	20.000	ng	0.00
86) Perylene-d12	25.329	264	254023	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.781	112	181683	106.987	ng	0.00
7) Phenol-d6	7.397	99	237385	105.012	ng	0.00
23) Nitrobenzene-d5	9.418	82	142649	58.257	ng	0.00
42) 2,4,6-Tribromophenol	16.357	330	153511	110.773	ng	0.00
45) 2-Fluorobiphenyl	13.496	172	366815	55.839	ng	0.00
79) Terphenyl-d14	20.200	244	685480	58.015	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.418	70	19779	11.388	ng	Qvalue
51) 2,6-Dinitrotoluene	14.870	165	12986	8.095	ng	# 75
57) 2,4-Dinitrotoluene	14.870	165	12986	5.742	ng	# 24
63) Azobenzene	16.216	77	40583	5.861	ng	# 22
67) 4-Bromophenyl-phenylether	16.357	248	9772	3.396	ng	# 1
77) Benzidine	20.200	184	11218	2.052	ng	# 1

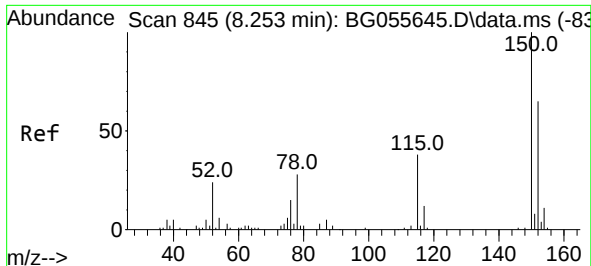
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111822\
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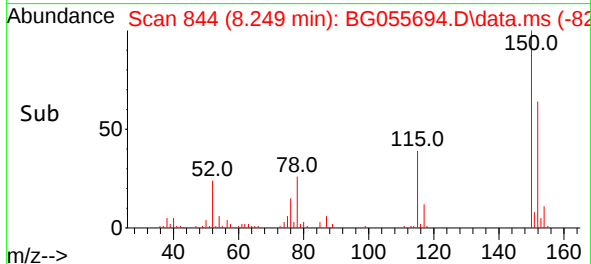
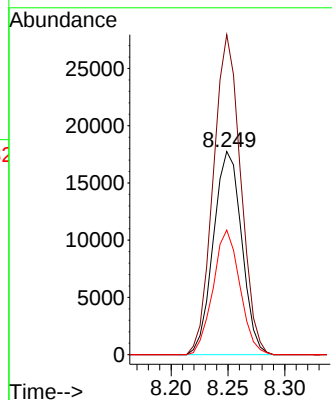
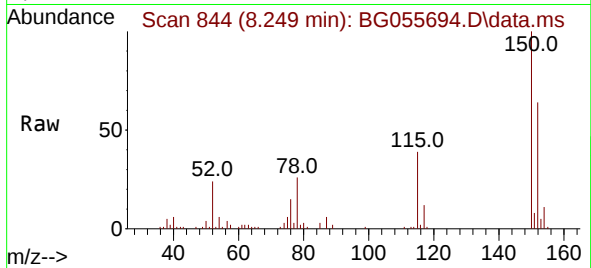




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.249 min Scan# 845
Delta R.T. -0.004 min
Lab File: BG055694.D
Acq: 18 Nov 2022 17:31

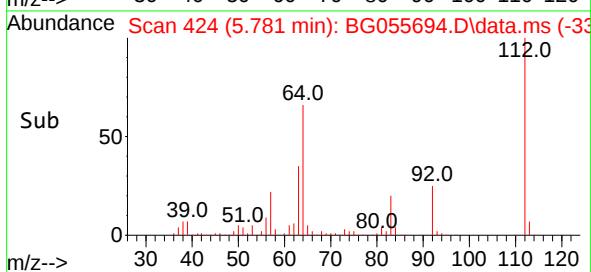
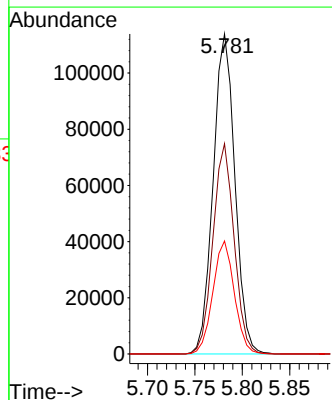
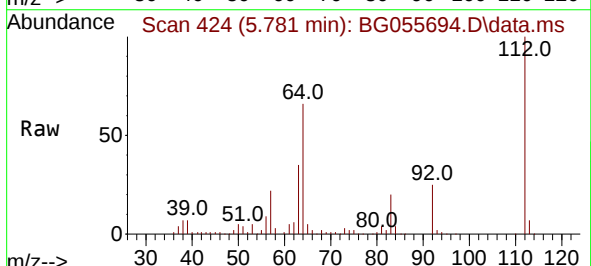
Instrument :
BNA_G
ClientSampleId :
BANK-RUN-SOIL-SAMPLE-2

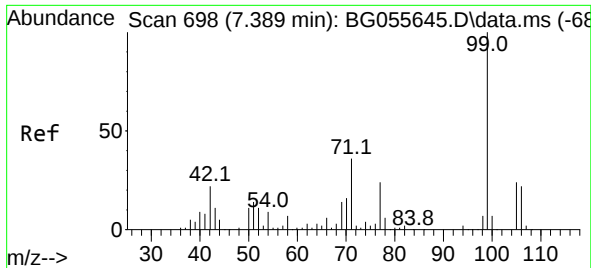
Tgt Ion:152 Resp: 30695
Ion Ratio Lower Upper
152 100
150 157.5 123.0 184.6
115 61.3 47.0 70.4



#5
2-Fluorophenol
Concen: 106.987 ng
RT: 5.781 min Scan# 424
Delta R.T. 0.002 min
Lab File: BG055694.D
Acq: 18 Nov 2022 17:31

Tgt Ion:112 Resp: 181683
Ion Ratio Lower Upper
112 100
64 65.7 50.6 76.0
63 35.3 27.5 41.3

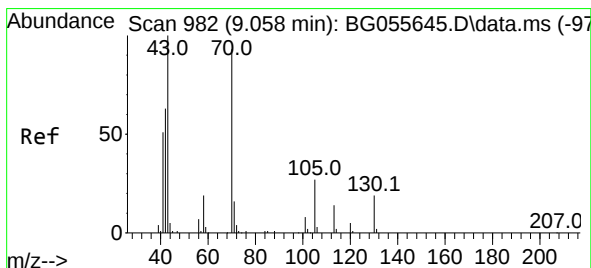
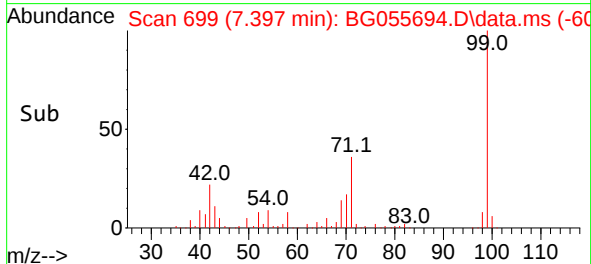
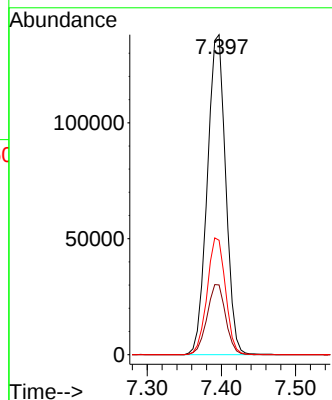
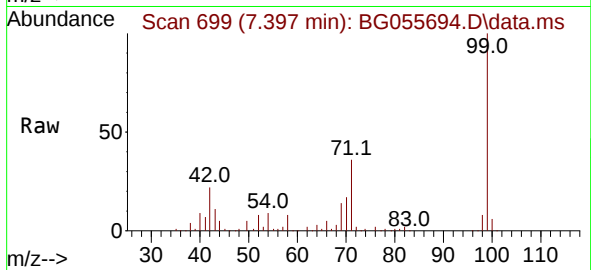




#7
Phenol-d6
Concen: 105.012 ng
RT: 7.397 min Scan# 61
Delta R.T. 0.008 min
Lab File: BG055694.D
Acq: 18 Nov 2022 17:31

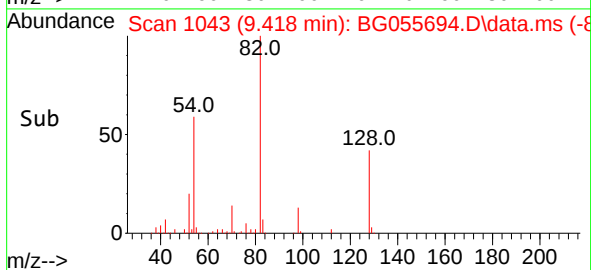
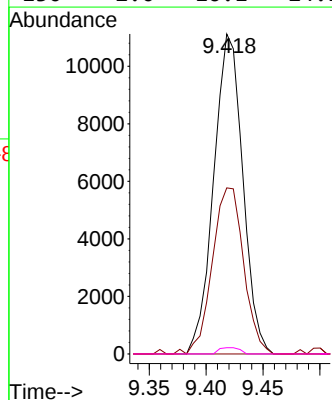
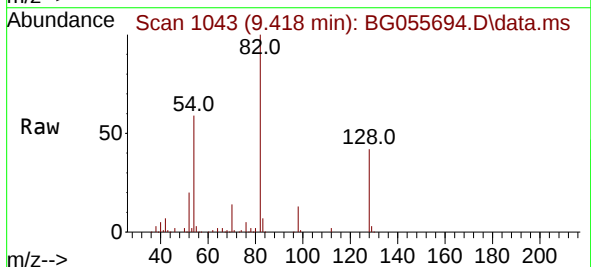
Instrument :
BNA_G
ClientSampleId :
BANK-RUN-SOIL-SAMPLE-2

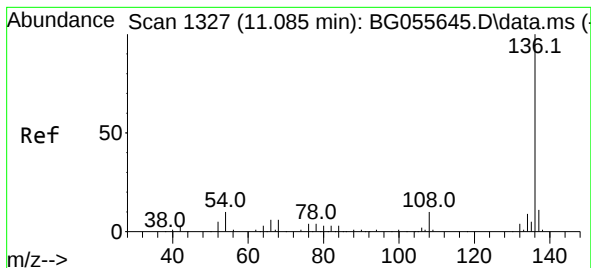
Tgt Ion: 99 Resp: 237385
Ion Ratio Lower Upper
99 100
42 21.8 18.0 27.0
71 35.7 29.0 43.6



#19
n-Nitroso-di-n-propylamine
Concen: 11.388 ng
RT: 9.418 min Scan# 1043
Delta R.T. 0.360 min
Lab File: BG055694.D
Acq: 18 Nov 2022 17:31

Tgt Ion: 70 Resp: 19779
Ion Ratio Lower Upper
70 100
42 51.9 55.2 82.8#
101 0.0 7.1 10.7#
130 2.0 16.1 24.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.081 min Scan# 11

Delta R.T. -0.004 min

Lab File: BG055694.D

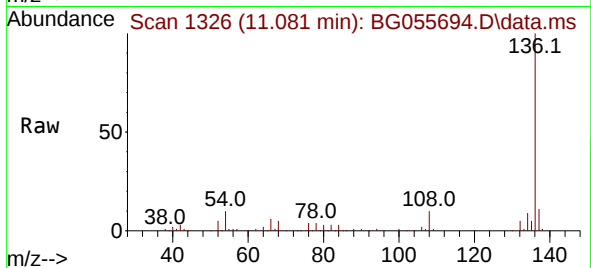
Acq: 18 Nov 2022 17:31

Instrument :

BNA_G

ClientSampleId :

BANK-RUN-SOIL-SAMPLE-2



Tgt Ion:136 Resp: 129421

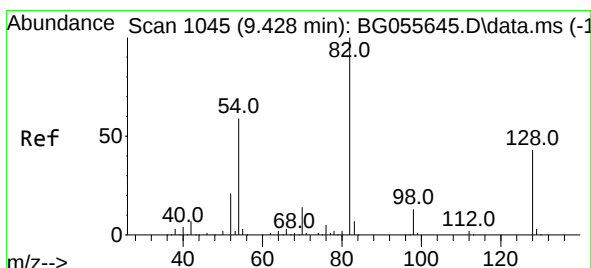
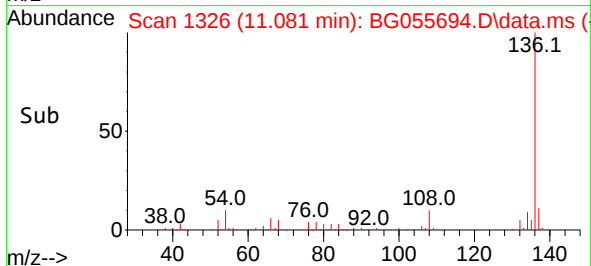
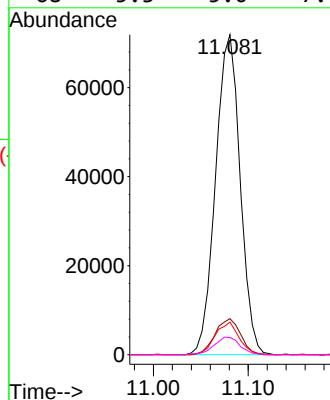
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.6

54 10.2 7.8 11.6

68 5.3 5.0 7.4



#23

Nitrobenzene-d5

Concen: 58.257 ng

RT: 9.418 min Scan# 1043

Delta R.T. -0.010 min

Lab File: BG055694.D

Acq: 18 Nov 2022 17:31

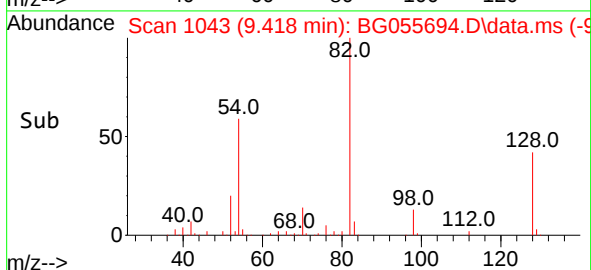
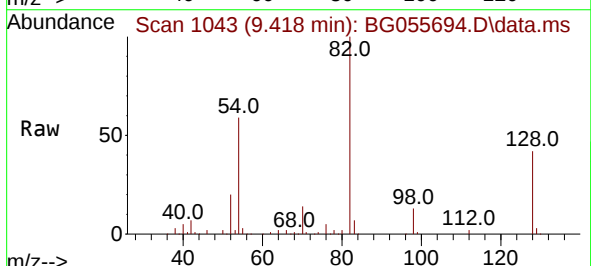
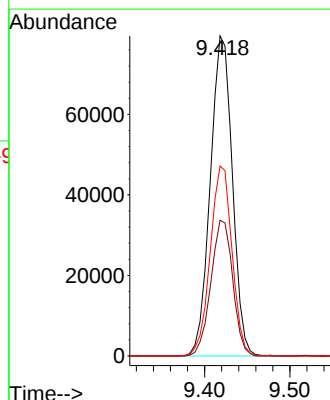
Tgt Ion: 82 Resp: 142649

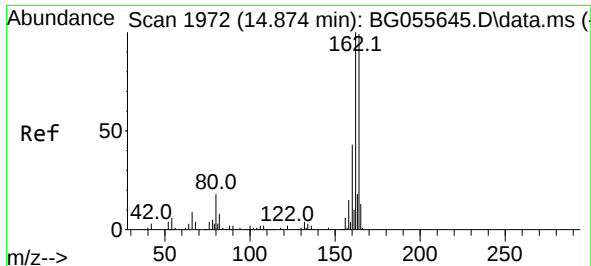
Ion Ratio Lower Upper

82 100

128 42.4 34.1 51.1

54 59.4 47.3 70.9

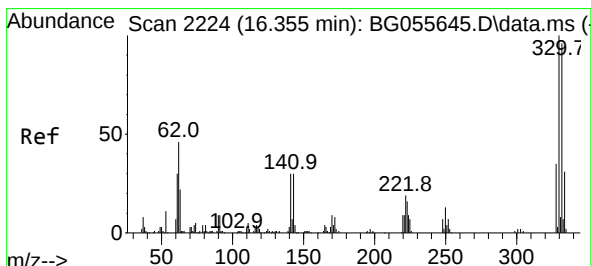
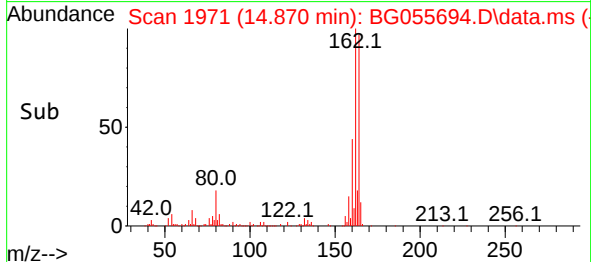
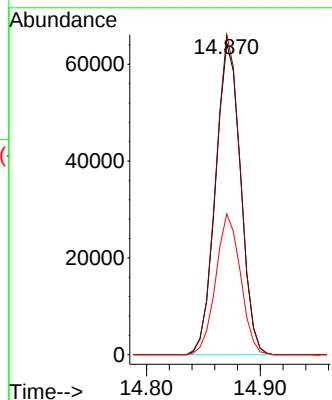
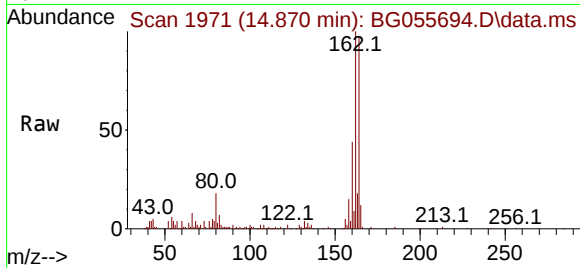




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.870 min Scan# 1972
Delta R.T. -0.004 min
Lab File: BG055694.D
Acq: 18 Nov 2022 17:31

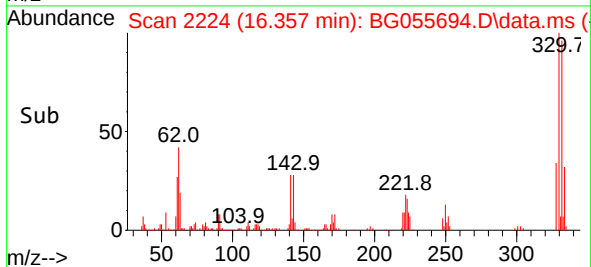
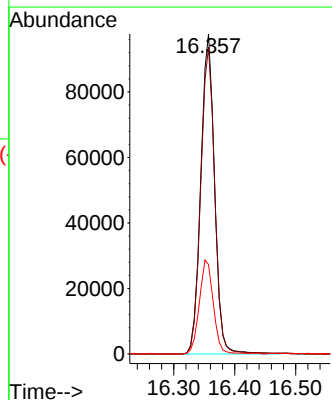
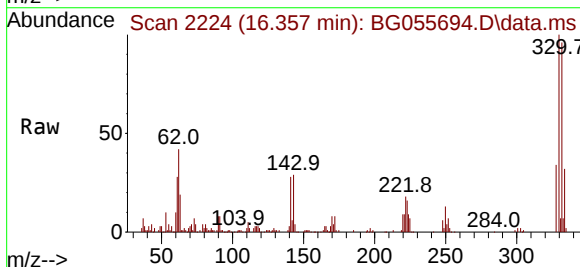
Instrument :
BNA_G
ClientSampleId :
BANK-RUN-SOIL-SAMPLE-2

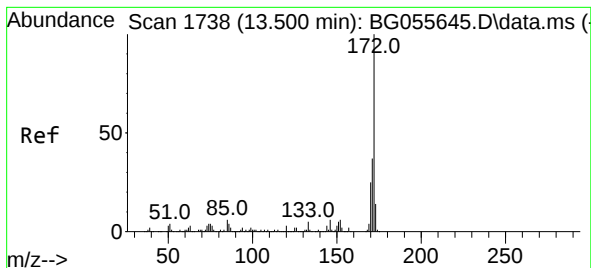
Tgt Ion:164 Resp: 98415
Ion Ratio Lower Upper
164 100
162 102.8 81.1 121.7
160 45.2 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 110.773 ng
RT: 16.357 min Scan# 2224
Delta R.T. 0.002 min
Lab File: BG055694.D
Acq: 18 Nov 2022 17:31

Tgt Ion:330 Resp: 153511
Ion Ratio Lower Upper
330 100
332 97.2 77.8 116.8
141 30.0 23.9 35.9





#45

2-Fluorobiphenyl

Concen: 55.839 ng

RT: 13.496 min Scan# 1

Delta R.T. -0.004 min

Lab File: BG055694.D

Acq: 18 Nov 2022 17:31

Instrument :

BNA_G

ClientSampleId :

BANK-RUN-SOIL-SAMPLE-2

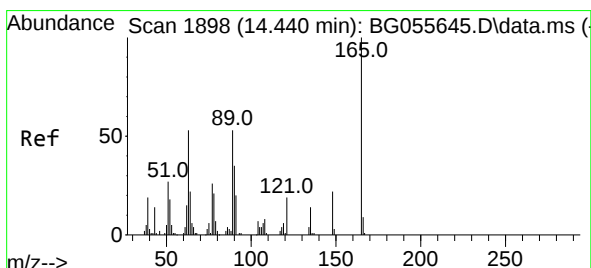
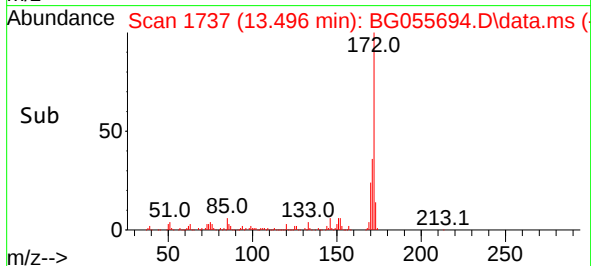
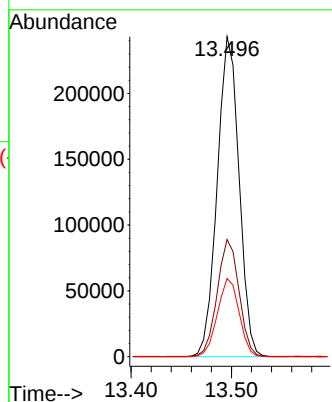
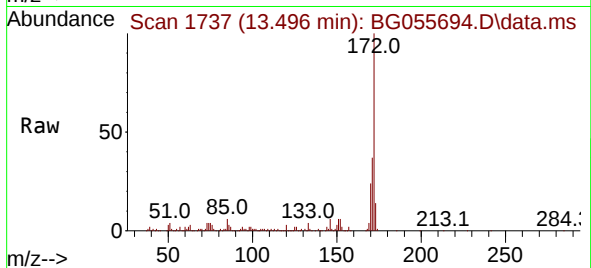
Tgt Ion:172 Resp: 366815

Ion Ratio Lower Upper

172 100

171 36.6 29.8 44.6

170 24.5 20.2 30.4



#51

2,6-Dinitrotoluene

Concen: 8.095 ng

RT: 14.870 min Scan# 1971

Delta R.T. 0.431 min

Lab File: BG055694.D

Acq: 18 Nov 2022 17:31

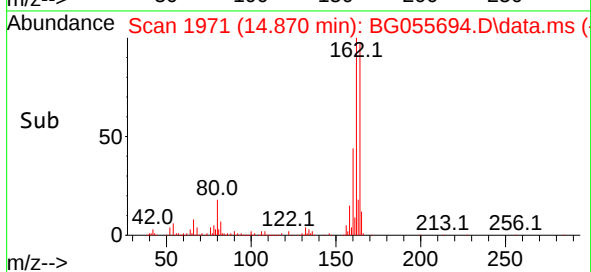
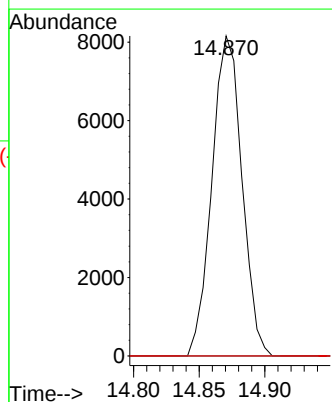
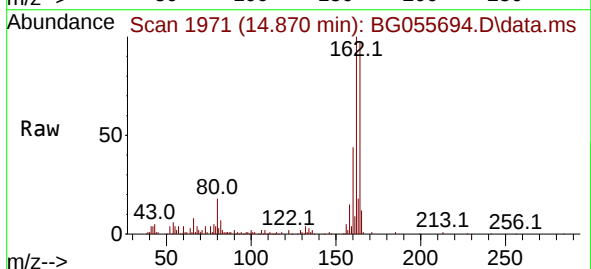
Tgt Ion:165 Resp: 12986

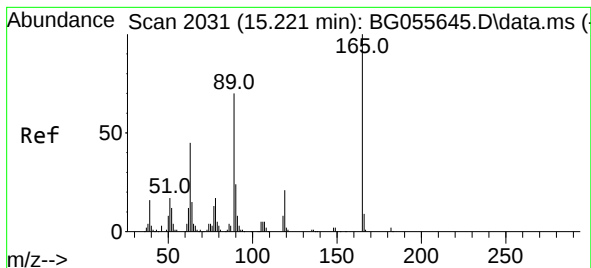
Ion Ratio Lower Upper

165 100

63 0.0 44.6 66.8#

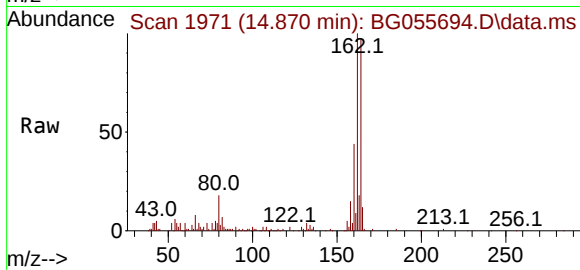
89 0.0 42.2 63.4#



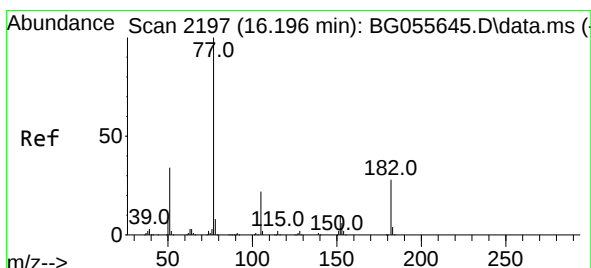
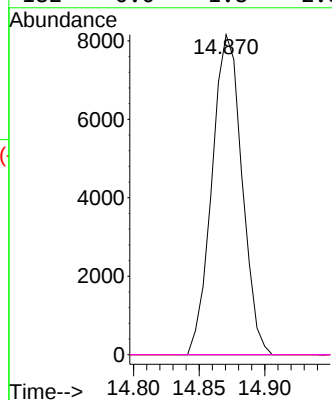
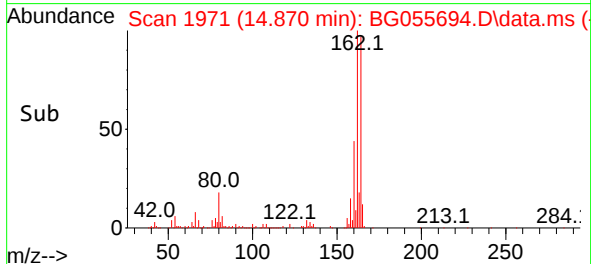


#57
2,4-Dinitrotoluene
Concen: 5.742 ng
RT: 14.870 min Scan# 14
Delta R.T. -0.351 min
Lab File: BG055694.D
Acq: 18 Nov 2022 17:31

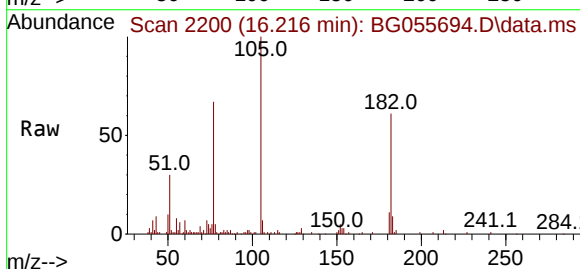
Instrument :
BNA_G
ClientSampleId :
BANK-RUN-SOIL-SAMPLE-2



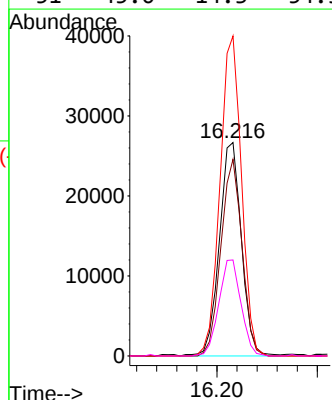
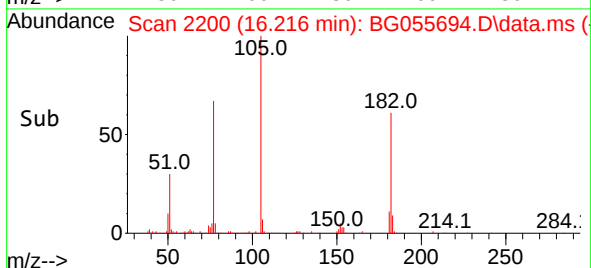
Tgt Ion:165 Resp: 12986
Ion Ratio Lower Upper
165 100
63 0.0 35.8 53.8#
89 0.0 56.2 84.4#
182 0.0 1.8 2.8#

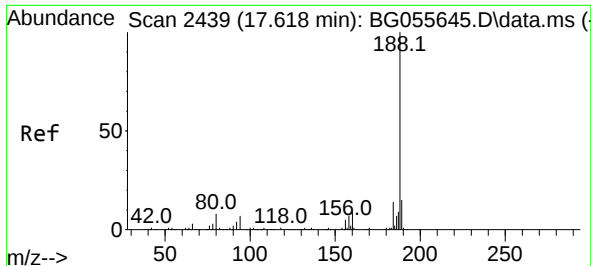


#63
Azobenzene
Concen: 5.861 ng
RT: 16.216 min Scan# 2200
Delta R.T. 0.020 min
Lab File: BG055694.D
Acq: 18 Nov 2022 17:31



Tgt Ion: 77 Resp: 40583
Ion Ratio Lower Upper
77 100
182 92.1 8.1 48.1#
105 150.0 1.8 41.8#
51 45.0 14.3 54.3

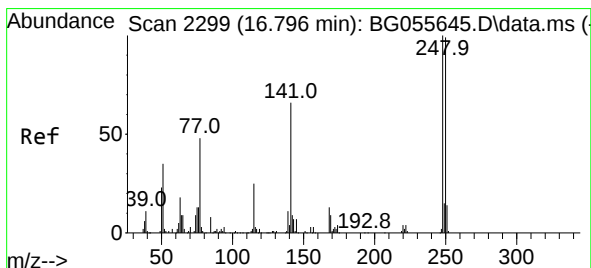
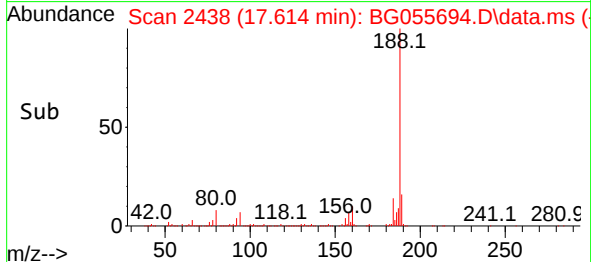
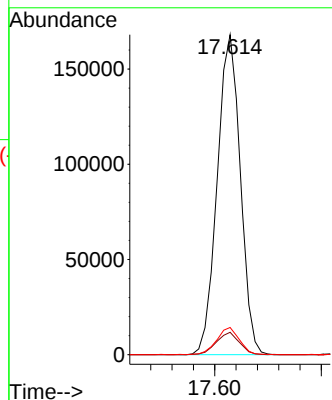
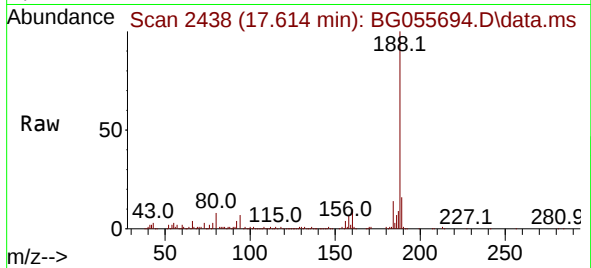




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.614 min Scan# 2439
Delta R.T. -0.004 min
Lab File: BG055694.D
Acq: 18 Nov 2022 17:31

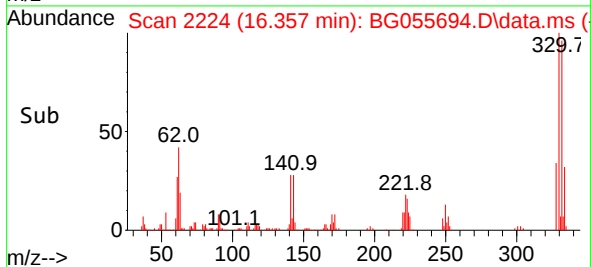
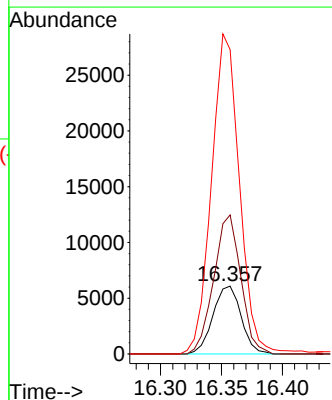
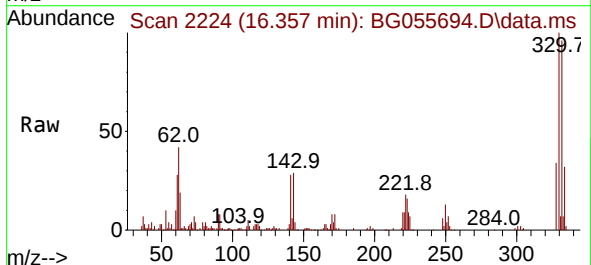
Instrument :
BNA_G
ClientSampleId :
BANK-RUN-SOIL-SAMPLE-2

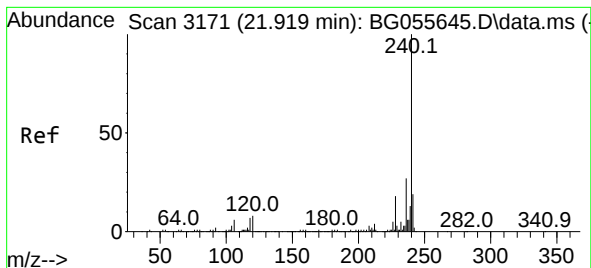
Tgt Ion:188 Resp: 252540
Ion Ratio Lower Upper
188 100
94 7.0 5.4 8.2
80 8.5 6.6 10.0



#67
4-Bromophenyl-phenylether
Concen: 3.396 ng
RT: 16.357 min Scan# 2224
Delta R.T. -0.439 min
Lab File: BG055694.D
Acq: 18 Nov 2022 17:31

Tgt Ion:248 Resp: 9772
Ion Ratio Lower Upper
248 100
250 204.7 79.0 118.4#
141 448.2 52.9 79.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.909 min Scan# 31

Delta R.T. -0.010 min

Lab File: BG055694.D

Acq: 18 Nov 2022 17:31

Instrument :

BNA_G

ClientSampleId :

BANK-RUN-SOIL-SAMPLE-2

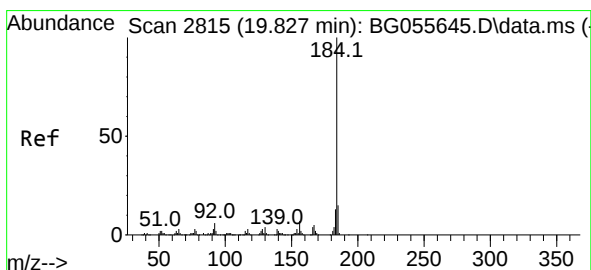
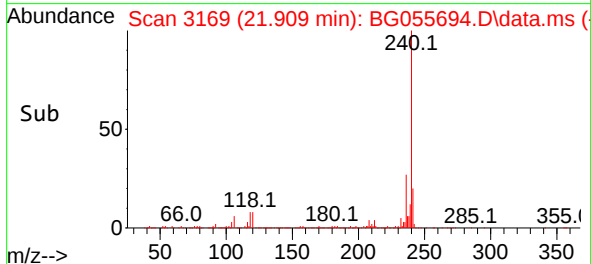
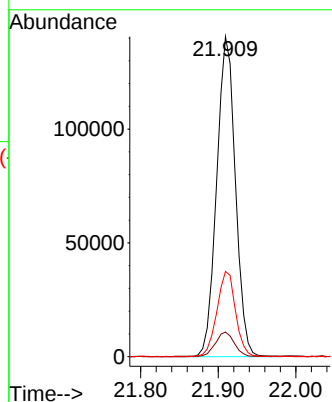
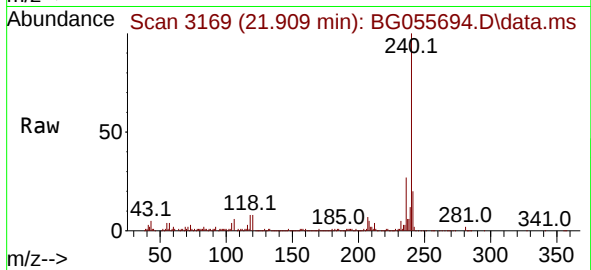
Tgt Ion:240 Resp: 236327

Ion Ratio Lower Upper

240 100

120 7.7 6.3 9.5

236 26.6 21.9 32.9



#77

Benzidine

Concen: 2.052 ng

RT: 20.200 min Scan# 2878

Delta R.T. 0.372 min

Lab File: BG055694.D

Acq: 18 Nov 2022 17:31

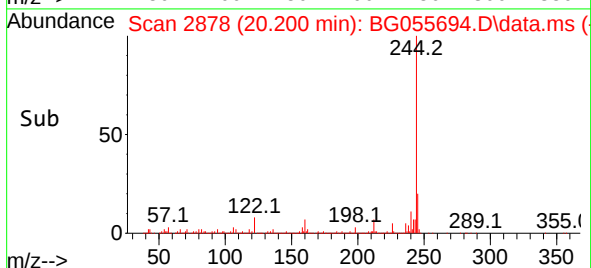
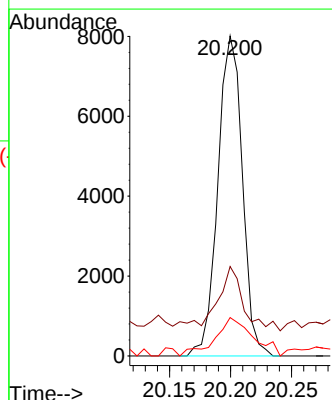
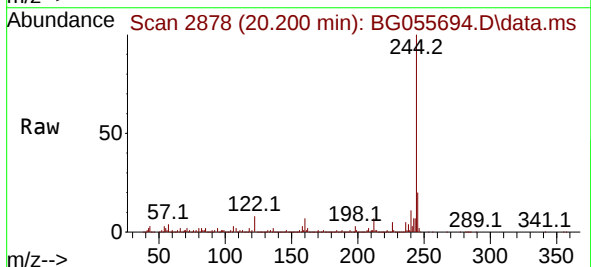
Tgt Ion:184 Resp: 11218

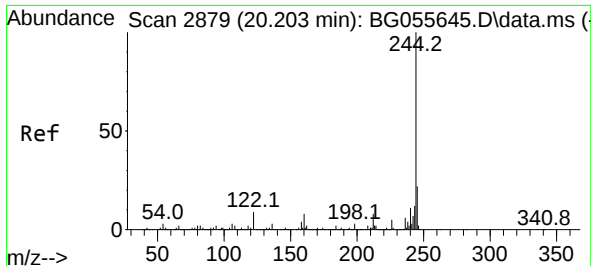
Ion Ratio Lower Upper

184 100

185 28.0 11.8 17.8#

183 12.0 10.6 15.8

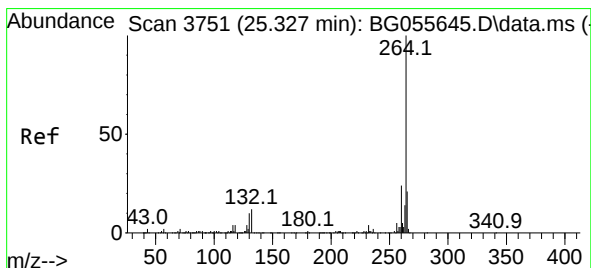
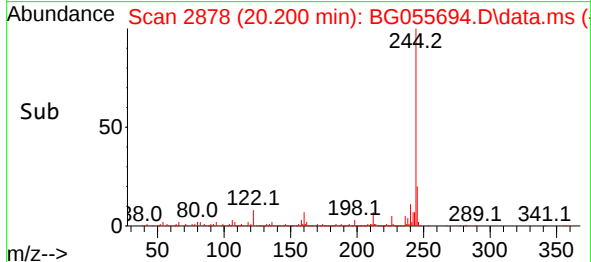
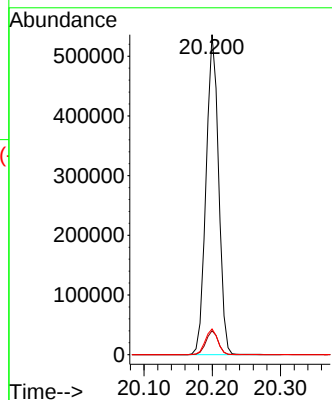
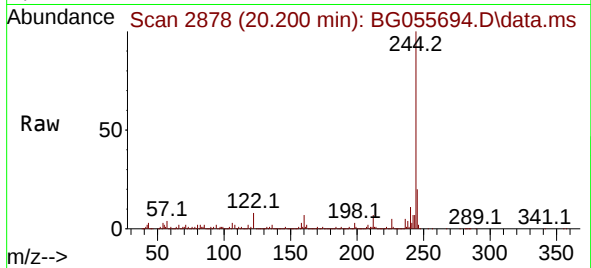




#79
 Terphenyl-d14
 Concen: 58.015 ng
 RT: 20.200 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG055694.D
 Acq: 18 Nov 2022 17:31

Instrument :
 BNA_G
 ClientSampleId :
 BANK-RUN-SOIL-SAMPLE-2

Tgt Ion:244 Resp: 685480
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.3 9.5
 122 8.0 6.9 10.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.329 min Scan# 3751
 Delta R.T. 0.002 min
 Lab File: BG055694.D
 Acq: 18 Nov 2022 17:31

Tgt Ion:264 Resp: 254023
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.5 29.3
 265 22.0 17.1 25.7

