

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112322\
 Data File : BG055764.D
 Acq On : 23 Nov 2022 20:58
 Operator : CG/JU
 Sample : N5641-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-PILE-5

Quant Time: Nov 24 06:09:36 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 24 06:05:02 2022
 Response via : Initial Calibration

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

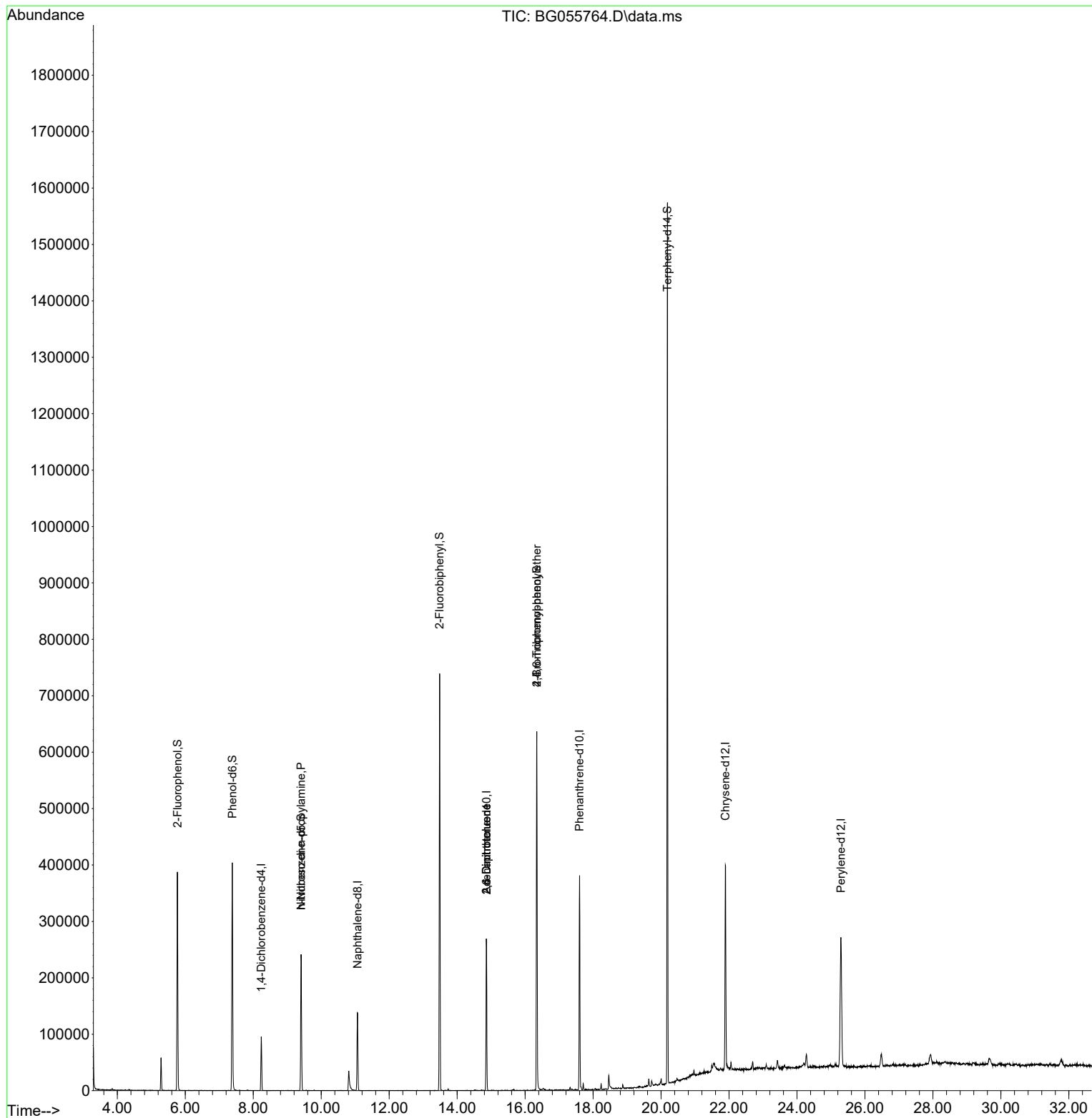
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.235	152	27425	20.000	ng	0.00
21) Naphthalene-d8	11.067	136	122381	20.000	ng	0.00
39) Acenaphthene-d10	14.857	164	98722	20.000	ng	0.00
64) Phenanthrene-d10	17.601	188	248358	20.000	ng	0.00
76) Chrysene-d12	21.890	240	235564	20.000	ng	-0.01
86) Perylene-d12	25.292	264	252332	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.768	112	166753	109.903	ng	0.00
7) Phenol-d6	7.383	99	233280	115.500	ng	0.00
23) Nitrobenzene-d5	9.405	82	141178	60.973	ng	0.00
42) 2,4,6-Tribromophenol	16.343	330	145855	104.922	ng	0.00
45) 2-Fluorobiphenyl	13.482	172	400362	60.756	ng	0.00
79) Terphenyl-d14	20.186	244	744488	63.213	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.405	70	19006	12.247	ng	# 79
51) 2,6-Dinitrotoluene	14.857	165	12973	8.062	ng	# 24
57) 2,4-Dinitrotoluene	14.857	165	12973	5.718	ng	# 22
67) 4-Bromophenyl-phenylether	16.343	248	9266	3.274	ng	# 1

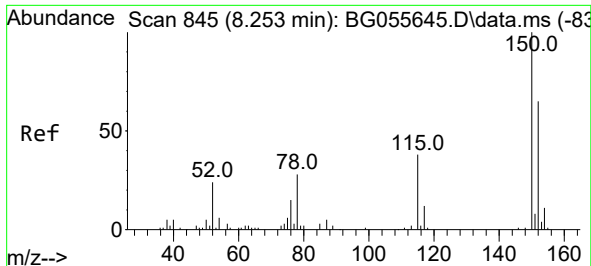
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112322\
Data File : BG055764.D
Acq On : 23 Nov 2022 20:58
Operator : CG/JU
Sample : N5641-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-5

Quant Time: Nov 24 06:09:36 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 24 06:05:02 2022
Response via : Initial Calibration

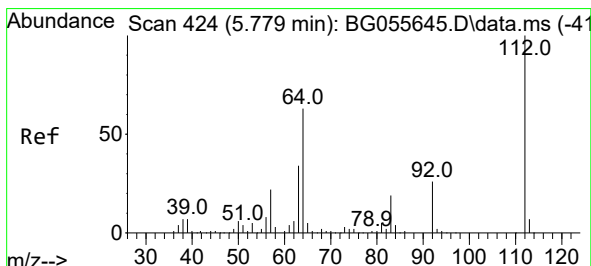
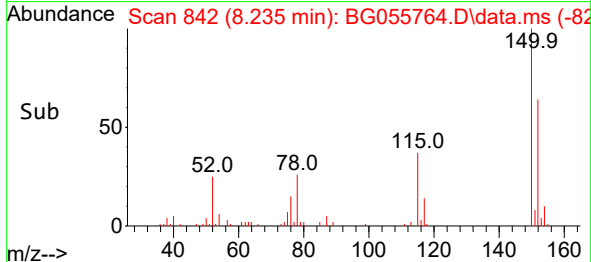
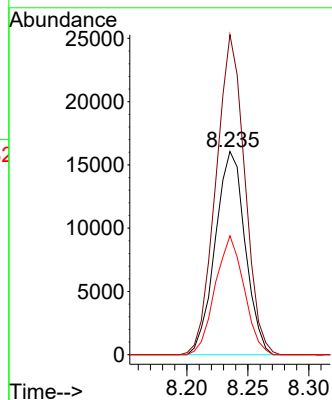
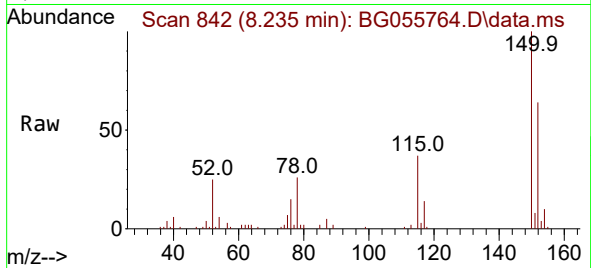




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.235 min Scan# 845
Delta R.T. -0.001 min
Lab File: BG055764.D
Acq: 23 Nov 2022 20:58

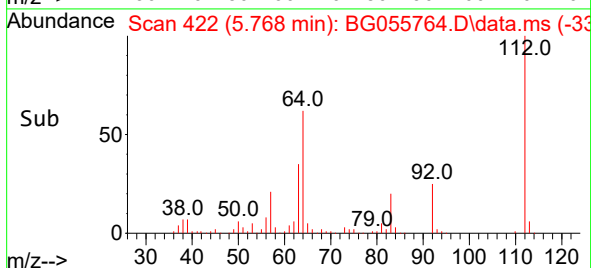
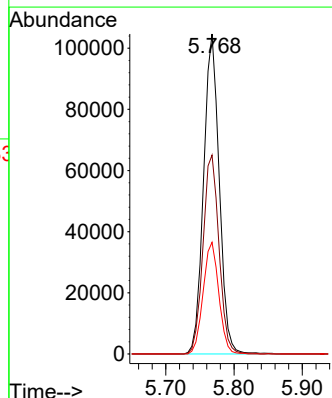
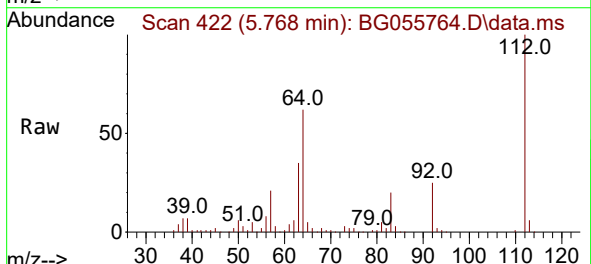
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-5

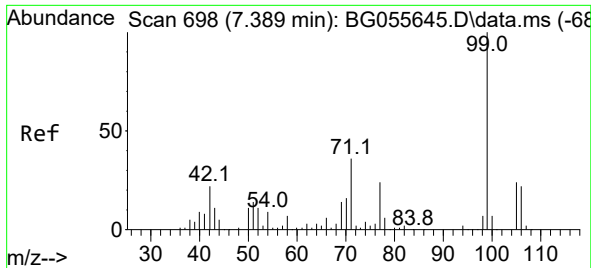
Tgt Ion:152 Resp: 27425
Ion Ratio Lower Upper
152 100
150 157.5 123.0 184.6
115 58.5 47.0 70.4



#5
2-Fluorophenol
Concen: 109.903 ng
RT: 5.768 min Scan# 422
Delta R.T. -0.000 min
Lab File: BG055764.D
Acq: 23 Nov 2022 20:58

Tgt Ion:112 Resp: 166753
Ion Ratio Lower Upper
112 100
64 62.2 50.6 76.0
63 34.9 27.5 41.3

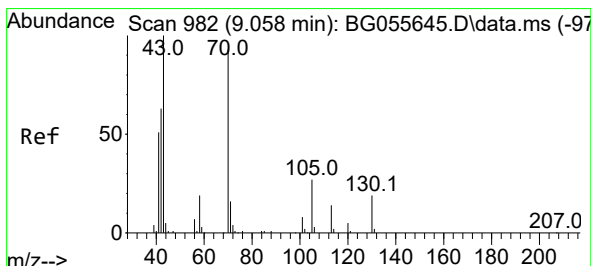
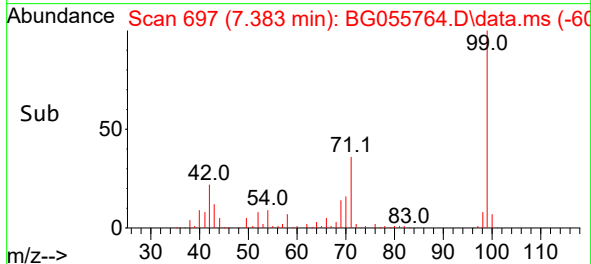
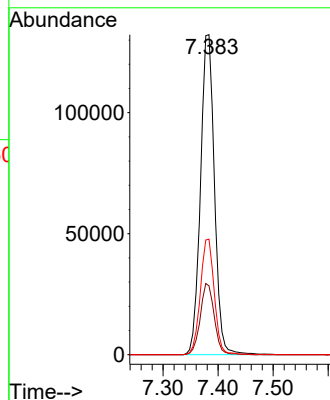
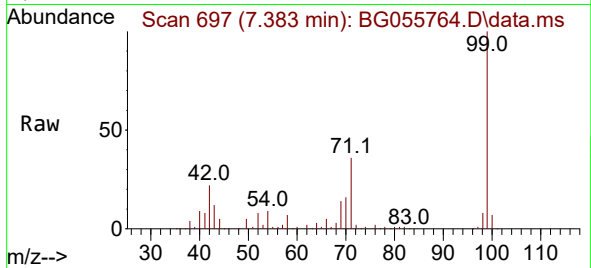




#7
Phenol-d6
Concen: 115.500 ng
RT: 7.383 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG055764.D
Acq: 23 Nov 2022 20:58

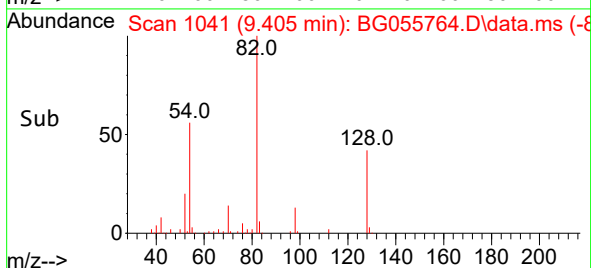
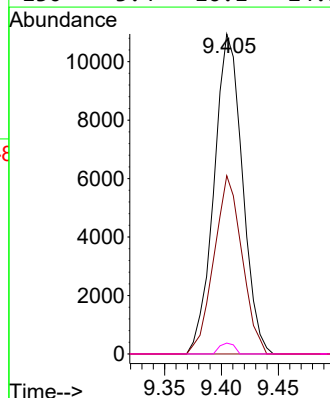
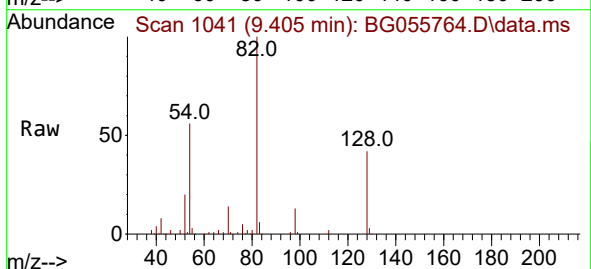
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-5

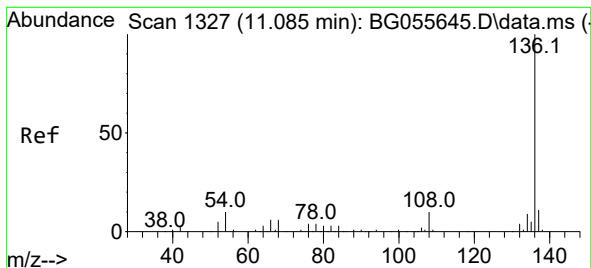
Tgt Ion: 99 Resp: 233280
Ion Ratio Lower Upper
99 100
42 21.5 18.0 27.0
71 36.1 29.0 43.6



#19
n-Nitroso-di-n-propylamine
Concen: 12.247 ng
RT: 9.405 min Scan# 1041
Delta R.T. 0.358 min
Lab File: BG055764.D
Acq: 23 Nov 2022 20:58

Tgt Ion: 70 Resp: 19006
Ion Ratio Lower Upper
70 100
42 55.7 55.2 82.8
101 0.0 7.1 10.7#
130 3.4 16.1 24.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.067 min Scan# 11

Delta R.T. -0.000 min

Lab File: BG055764.D

Acq: 23 Nov 2022 20:58

Instrument :

BNA_G

ClientSampleId :

SOIL-PILE-5

Tgt Ion:136 Resp: 122381

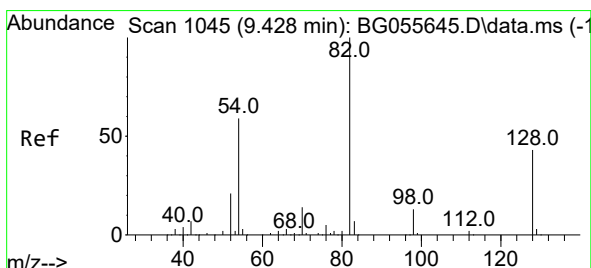
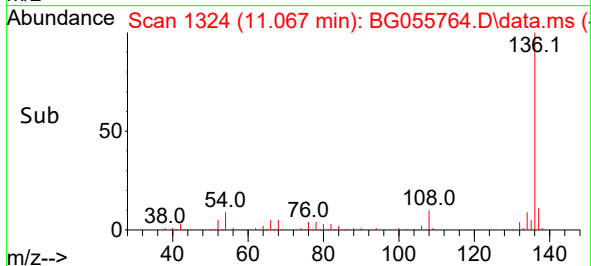
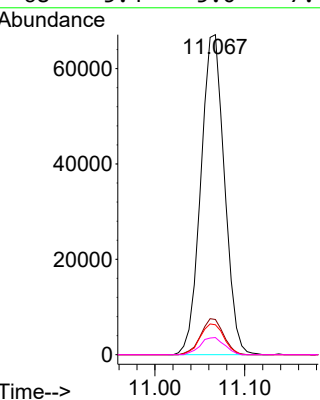
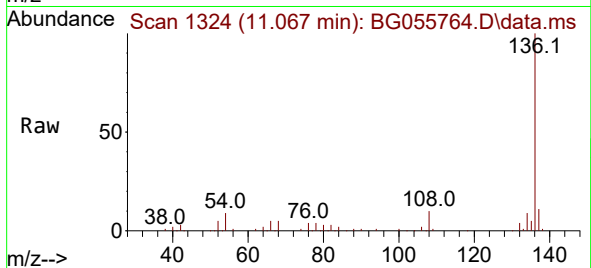
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 9.4 7.8 11.6

68 5.4 5.0 7.4



#23

Nitrobenzene-d5

Concen: 60.973 ng

RT: 9.405 min Scan# 1041

Delta R.T. -0.006 min

Lab File: BG055764.D

Acq: 23 Nov 2022 20:58

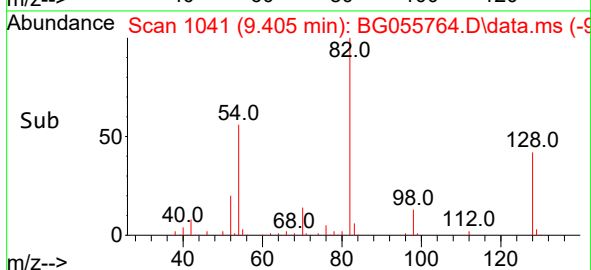
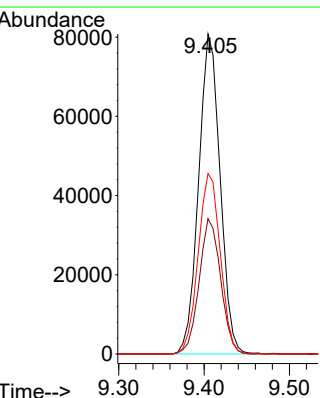
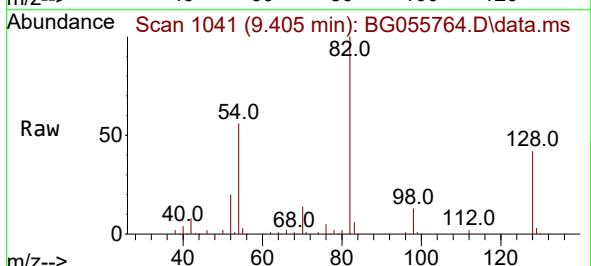
Tgt Ion: 82 Resp: 141178

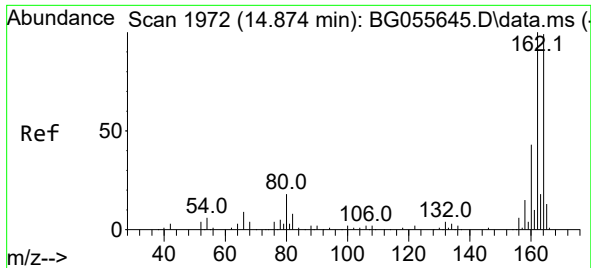
Ion Ratio Lower Upper

82 100

128 42.3 34.1 51.1

54 56.4 47.3 70.9

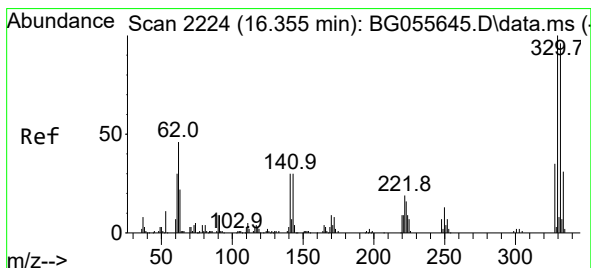
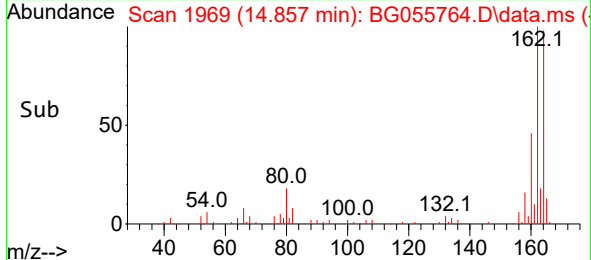
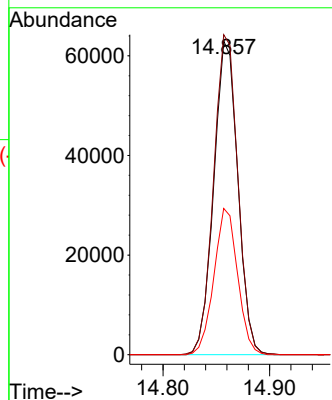
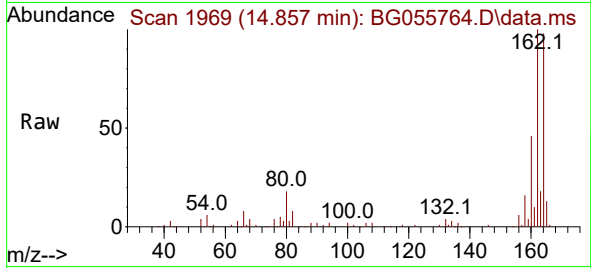




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.857 min Scan# 1969
Delta R.T. -0.006 min
Lab File: BG055764.D
Acq: 23 Nov 2022 20:58

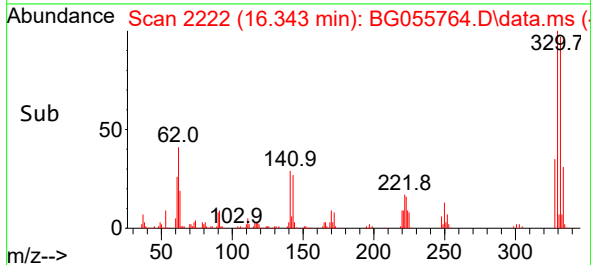
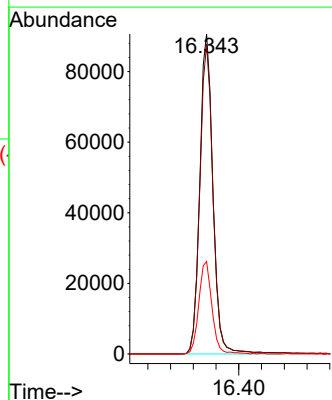
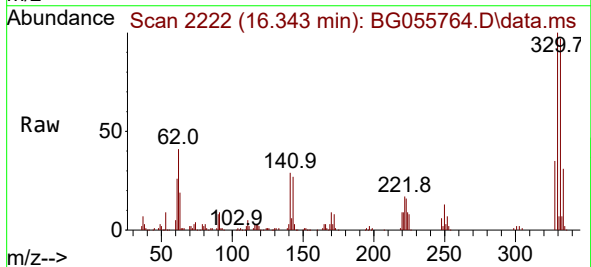
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-5

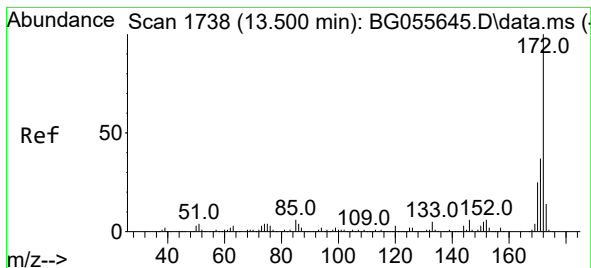
Tgt Ion:164 Resp: 98722
Ion Ratio Lower Upper
164 100
162 102.0 81.1 121.7
160 46.6 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 104.922 ng
RT: 16.343 min Scan# 2222
Delta R.T. -0.006 min
Lab File: BG055764.D
Acq: 23 Nov 2022 20:58

Tgt Ion:330 Resp: 145855
Ion Ratio Lower Upper
330 100
332 97.5 77.8 116.8
141 28.8 23.9 35.9





#45

2-Fluorobiphenyl

Concen: 60.756 ng

RT: 13.482 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG055764.D

Acq: 23 Nov 2022 20:58

Instrument :

BNA_G

ClientSampleId :

SOIL-PILE-5

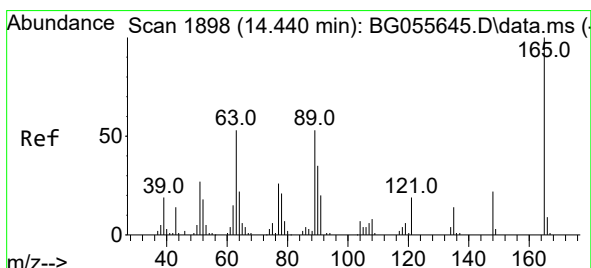
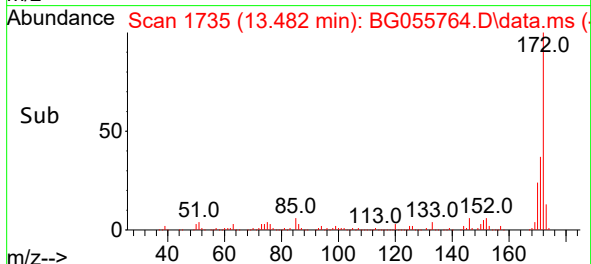
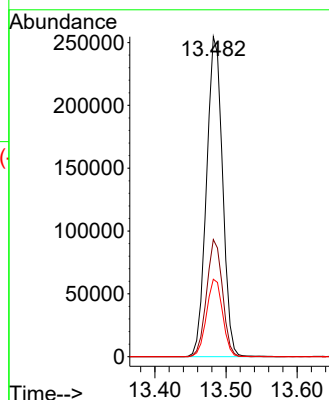
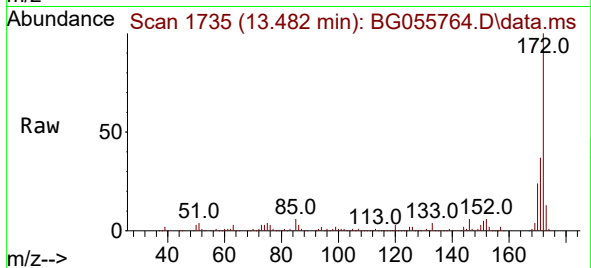
Tgt Ion:172 Resp: 400362

Ion Ratio Lower Upper

172 100

171 36.6 29.8 44.6

170 24.2 20.2 30.4



#51

2,6-Dinitrotoluene

Concen: 8.062 ng

RT: 14.857 min Scan# 1969

Delta R.T. 0.423 min

Lab File: BG055764.D

Acq: 23 Nov 2022 20:58

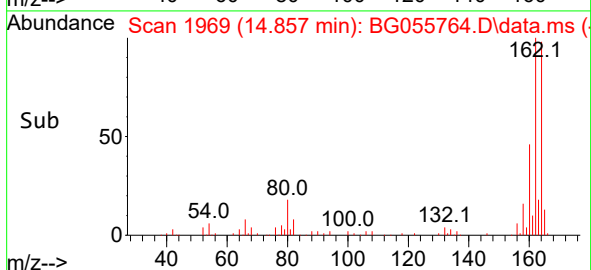
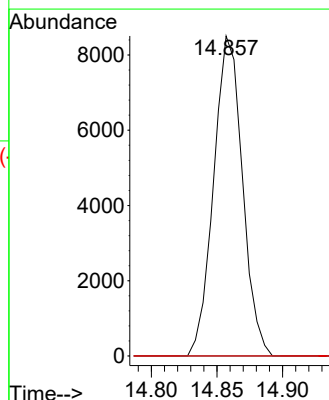
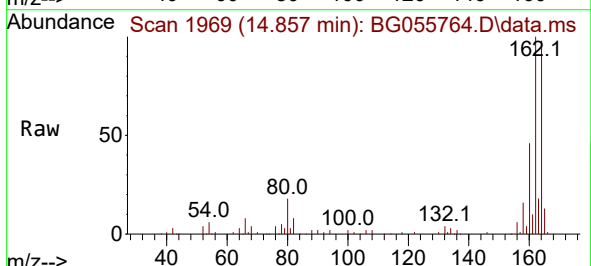
Tgt Ion:165 Resp: 12973

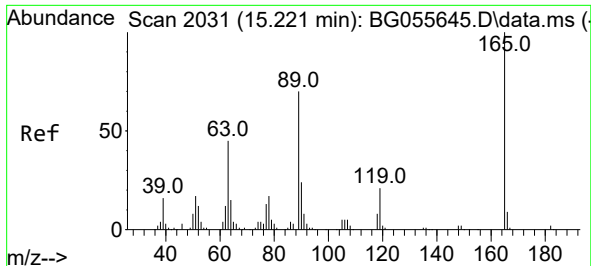
Ion Ratio Lower Upper

165 100

63 0.0 44.6 66.8#

89 0.0 42.2 63.4#





#57

2,4-Dinitrotoluene

Concen: 5.718 ng

RT: 14.857 min Scan# 1969

Delta R.T. -0.359 min

Lab File: BG055764.D

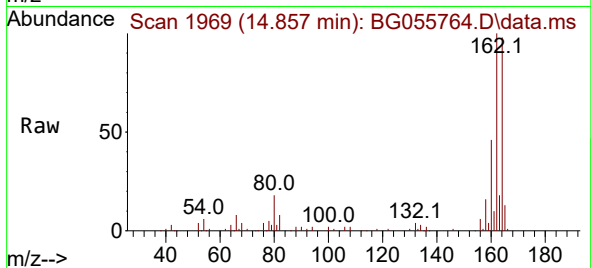
Acq: 23 Nov 2022 20:58

Instrument :

BNA_G

ClientSampleId :

SOIL-PILE-5



Tgt Ion:165 Resp: 12973

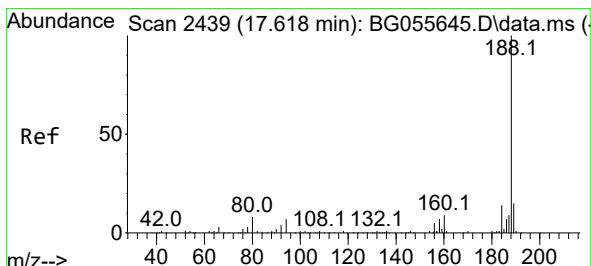
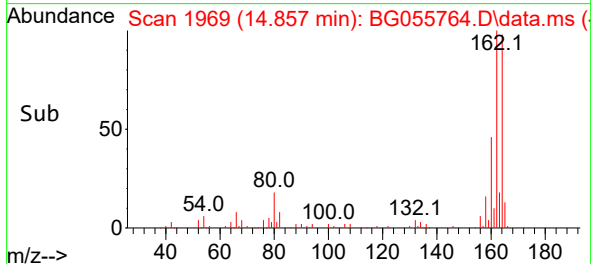
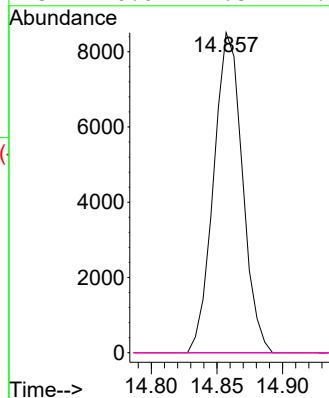
Ion Ratio Lower Upper

165 100

63 0.0 35.8 53.8#

89 0.0 56.2 84.4#

182 0.0 1.8 2.8#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.601 min Scan# 2436

Delta R.T. -0.006 min

Lab File: BG055764.D

Acq: 23 Nov 2022 20:58

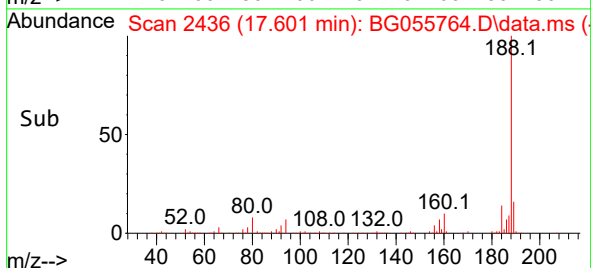
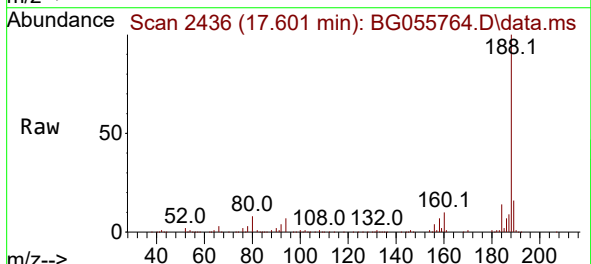
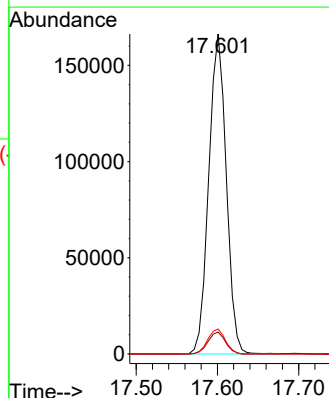
Tgt Ion:188 Resp: 248358

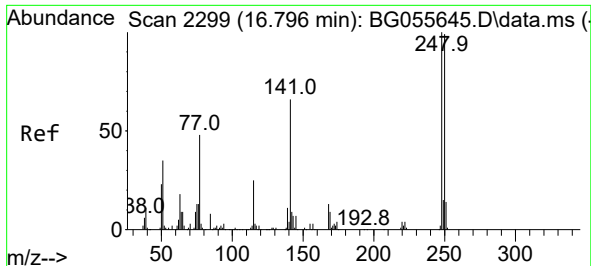
Ion Ratio Lower Upper

188 100

94 6.8 5.4 8.2

80 7.8 6.6 10.0

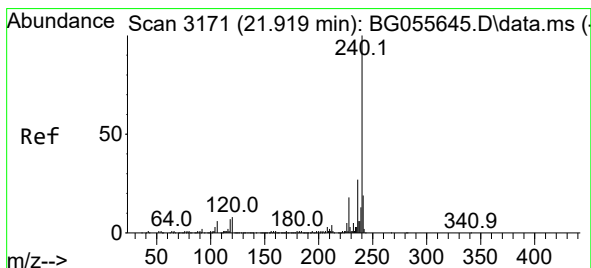
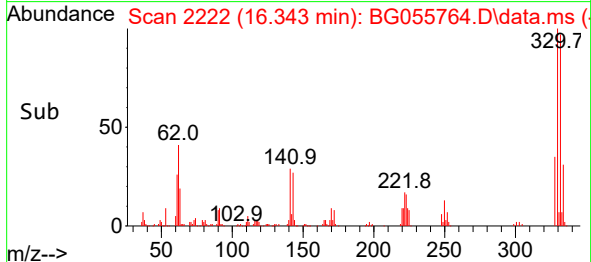
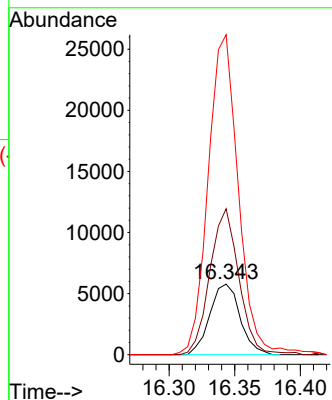
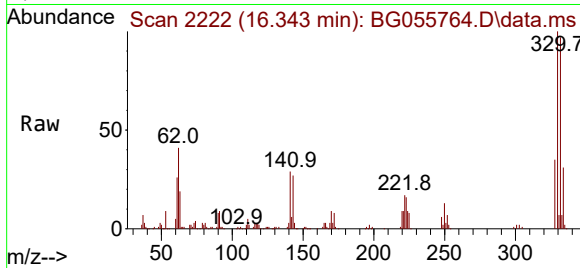




#67
4-Bromophenyl-phenylether
Concen: 3.274 ng
RT: 16.343 min Scan# 2166
Delta R.T. -0.441 min
Lab File: BG055764.D
Acq: 23 Nov 2022 20:58

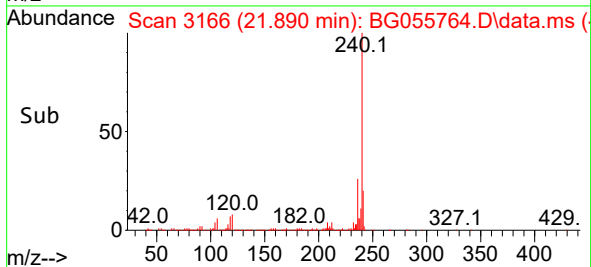
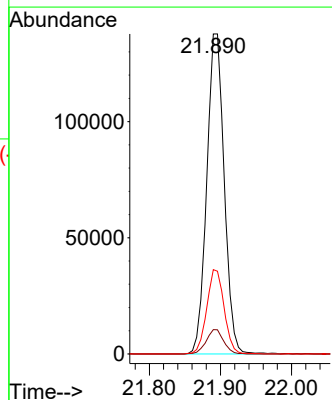
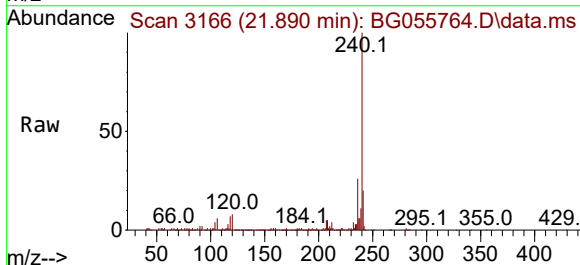
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-5

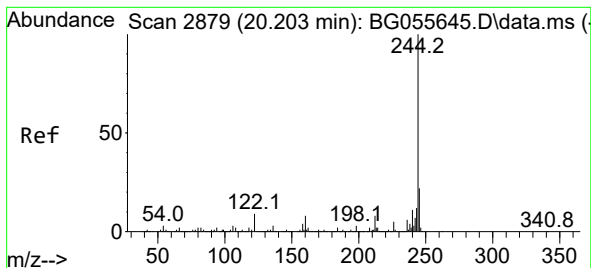
Tgt Ion:248 Resp: 9266
Ion Ratio Lower Upper
248 100
250 206.8 79.0 118.4#
141 453.4 52.9 79.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.890 min Scan# 3166
Delta R.T. -0.012 min
Lab File: BG055764.D
Acq: 23 Nov 2022 20:58

Tgt Ion:240 Resp: 235564
Ion Ratio Lower Upper
240 100
120 7.6 6.3 9.5
236 26.4 21.9 32.9





#79

Terphenyl-d14

Concen: 63.213 ng

RT: 20.186 min Scan# 2

Delta R.T. -0.006 min

Lab File: BG055764.D

Acq: 23 Nov 2022 20:58

Instrument :

BNA_G

ClientSampleId :

SOIL-PILE-5

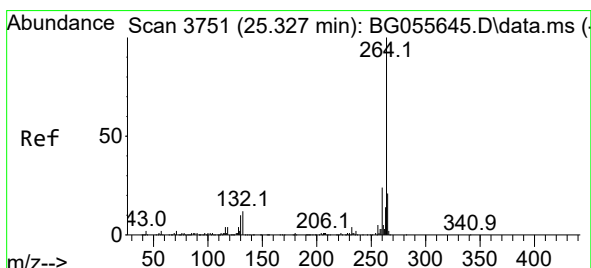
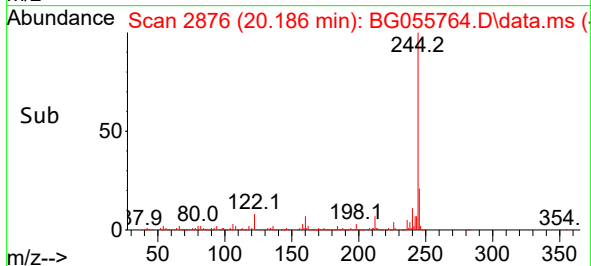
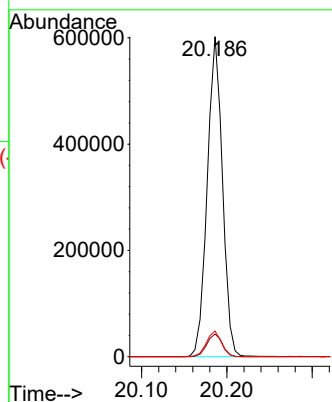
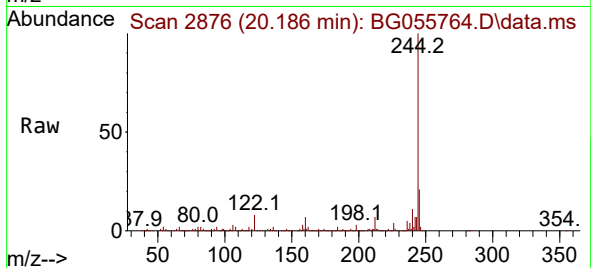
Tgt Ion:244 Resp: 744488

Ion Ratio Lower Upper

244 100

212 7.1 6.3 9.5

122 8.0 6.9 10.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.292 min Scan# 3745

Delta R.T. -0.012 min

Lab File: BG055764.D

Acq: 23 Nov 2022 20:58

Tgt Ion:264 Resp: 252332

Ion Ratio Lower Upper

264 100

260 22.9 19.5 29.3

265 20.9 17.1 25.7

