

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112322\
 Data File : BG055765.D
 Acq On : 23 Nov 2022 21:40
 Operator : CG/JU
 Sample : N5641-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-PILE-4

Quant Time: Nov 24 06:09:48 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	8.233	152	30019	20.000	ng	0.00
21) Naphthalene-d8	11.065	136	134836	20.000	ng	0.00
39) Acenaphthene-d10	14.860	164	104546	20.000	ng	0.00
64) Phenanthrene-d10	17.598	188	248179	20.000	ng	0.00
76) Chrysene-d12	21.893	240	236764	20.000	ng	0.00
86) Perylene-d12	25.295	264	251812	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.765	112	177803	107.060	ng	0.00
7) Phenol-d6	7.381	99	248661	112.477	ng	0.00
23) Nitrobenzene-d5	9.408	82	150779	59.104	ng	0.00
42) 2,4,6-Tribromophenol	16.341	330	142855	97.039	ng	0.00
45) 2-Fluorobiphenyl	13.485	172	408993	58.608	ng	0.00
79) Terphenyl-d14	20.183	244	745214	62.954	ng	0.00

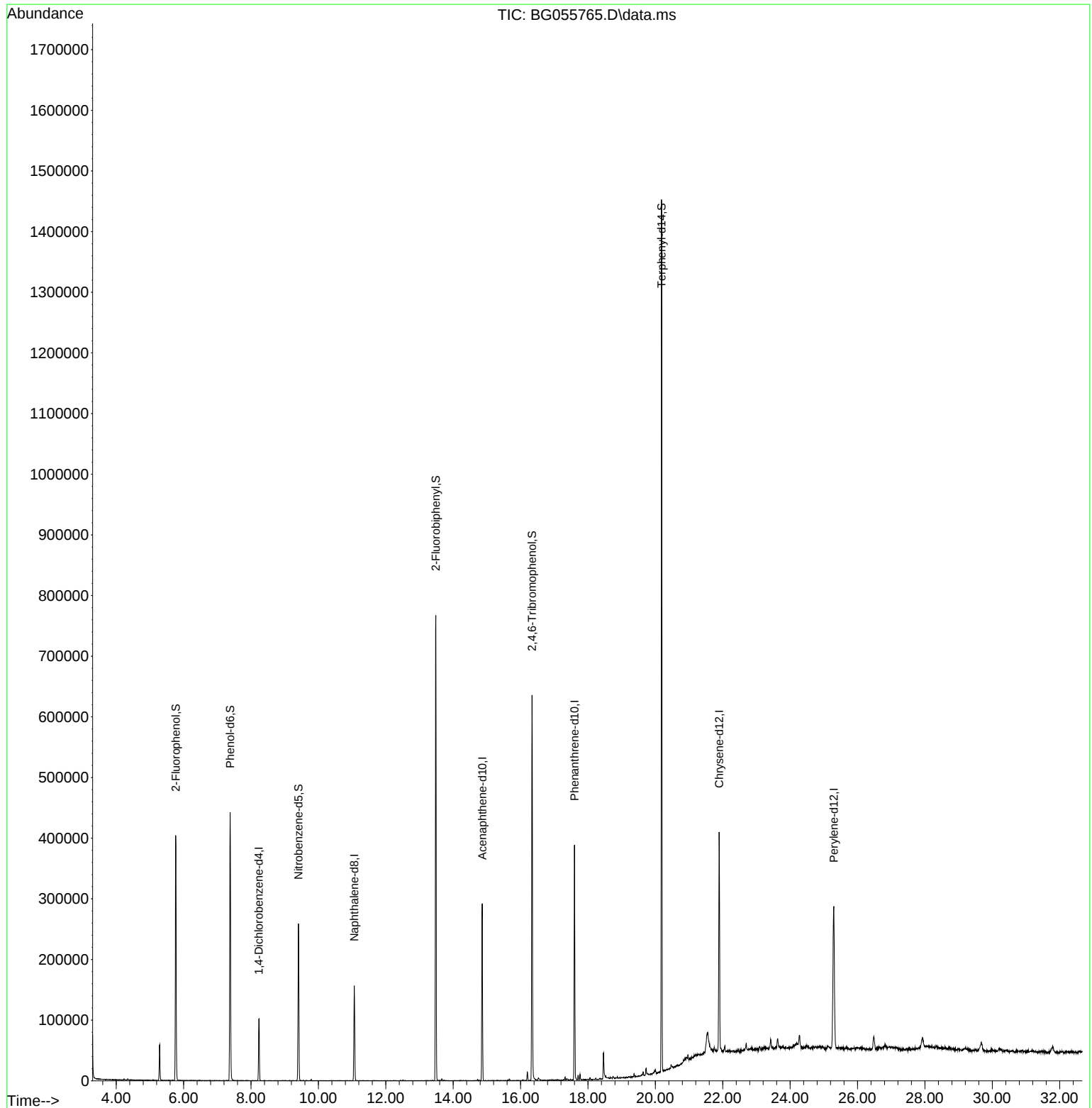
Target Compounds	Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112322\
Data File : BG055765.D
Acq On : 23 Nov 2022 21:40
Operator : CG/JU
Sample : N5641-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-4

Quant Time: Nov 24 06:09:48 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

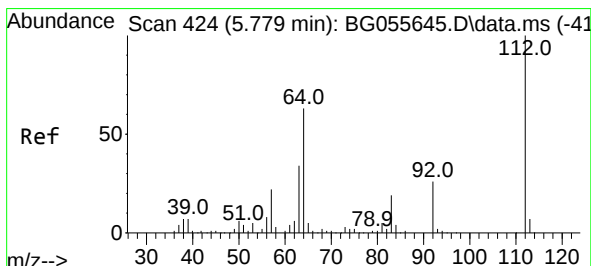
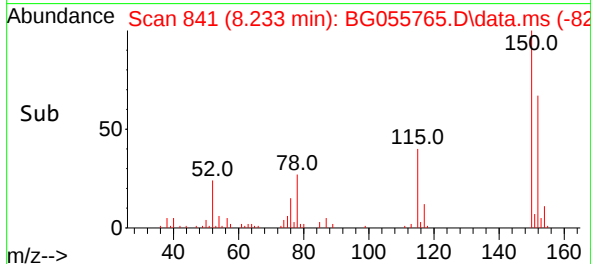
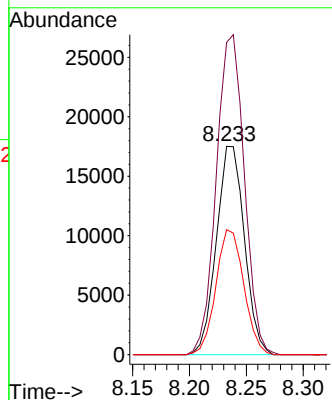
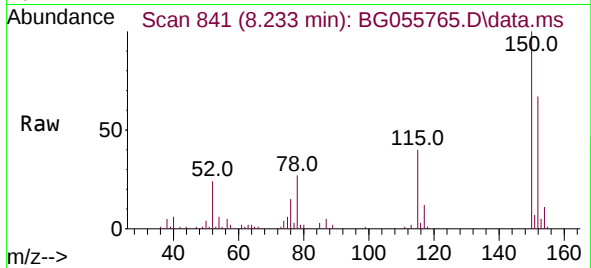




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.233 min Scan# 845
Delta R.T. -0.003 min
Lab File: BG055765.D
Acq: 23 Nov 2022 21:40

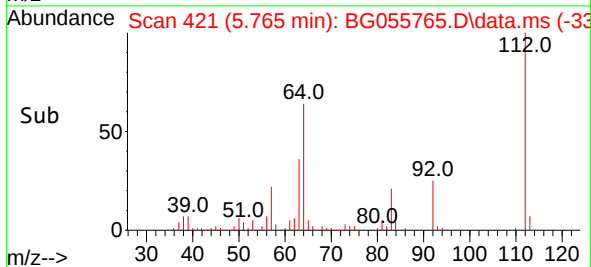
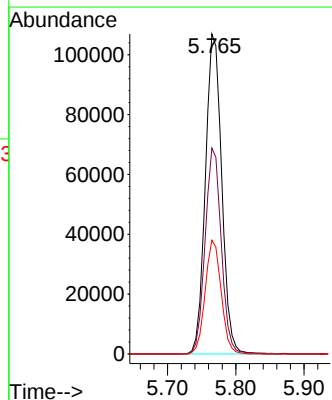
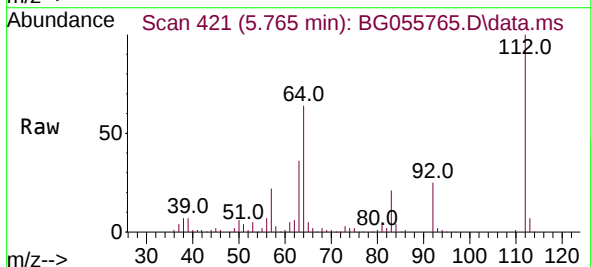
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-4

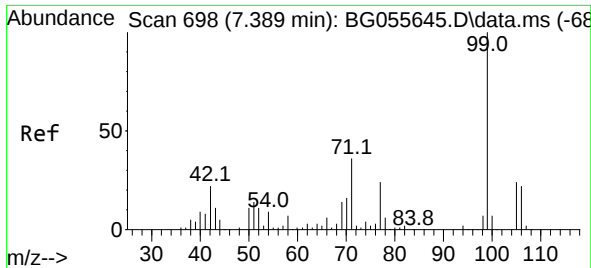
Tgt Ion:152 Resp: 30019
Ion Ratio Lower Upper
152 100
150 149.9 123.0 184.6
115 59.9 47.0 70.4



#5
2-Fluorophenol
Concen: 107.060 ng
RT: 5.765 min Scan# 421
Delta R.T. -0.003 min
Lab File: BG055765.D
Acq: 23 Nov 2022 21:40

Tgt Ion:112 Resp: 177803
Ion Ratio Lower Upper
112 100
64 64.3 50.6 76.0
63 35.5 27.5 41.3

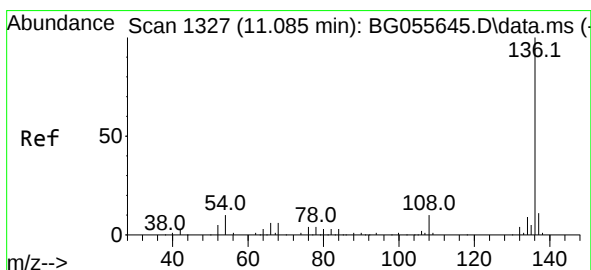
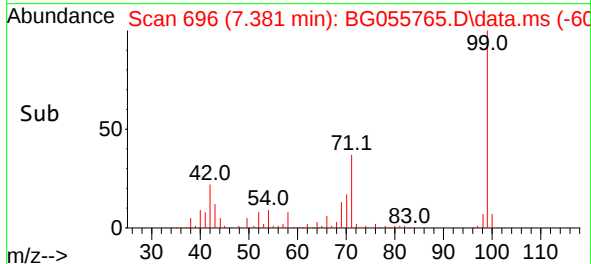
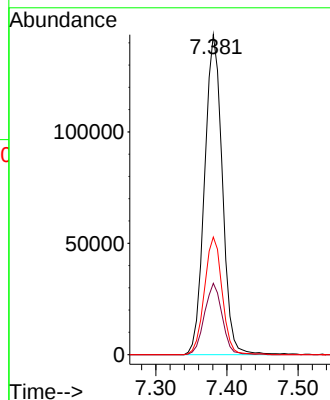
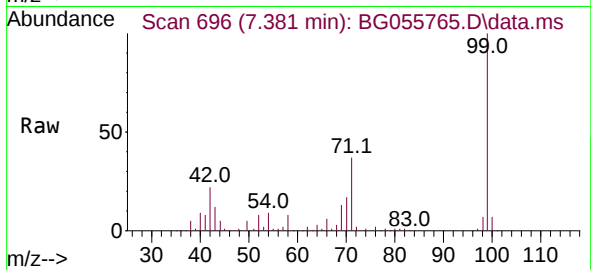




#7
Phenol-d6
Concen: 112.477 ng
RT: 7.381 min Scan# 69
Delta R.T. -0.003 min
Lab File: BG055765.D
Acq: 23 Nov 2022 21:40

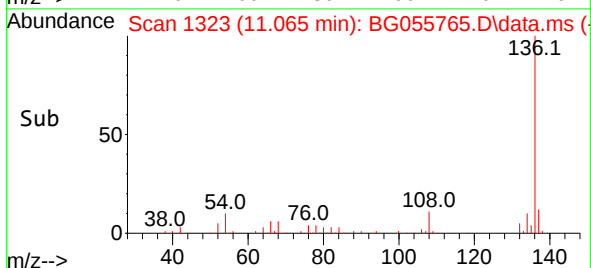
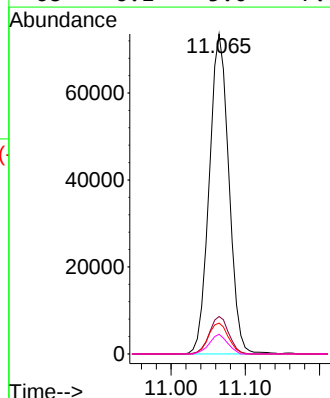
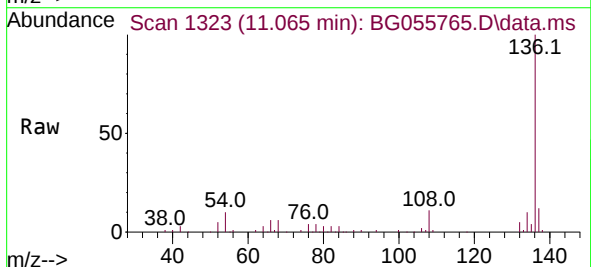
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-4

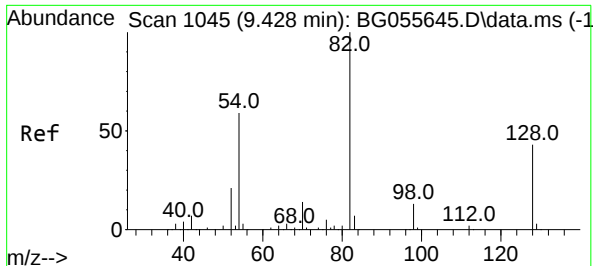
Tgt Ion: 99 Resp: 248661
Ion Ratio Lower Upper
99 100
42 22.3 18.0 27.0
71 36.7 29.0 43.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.065 min Scan# 1323
Delta R.T. -0.003 min
Lab File: BG055765.D
Acq: 23 Nov 2022 21:40

Tgt Ion: 136 Resp: 134836
Ion Ratio Lower Upper
136 100
137 11.7 9.0 13.6
54 9.6 7.8 11.6
68 6.1 5.0 7.4





#23

Nitrobenzene-d5

Concen: 59.104 ng

RT: 9.408 min Scan# 1041

Delta R.T. -0.003 min

Lab File: BG055765.D

Acq: 23 Nov 2022 21:40

Instrument :

BNA_G

ClientSampleId :

SOIL-PILE-4

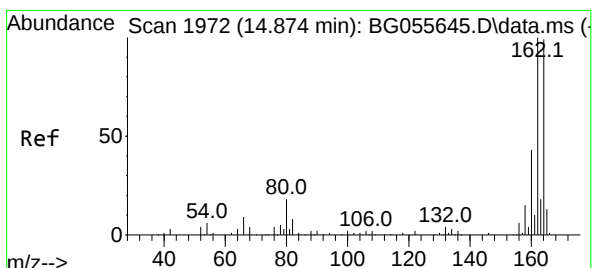
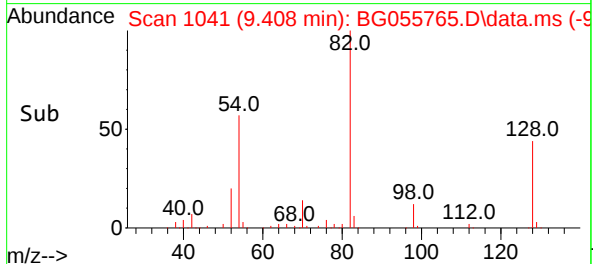
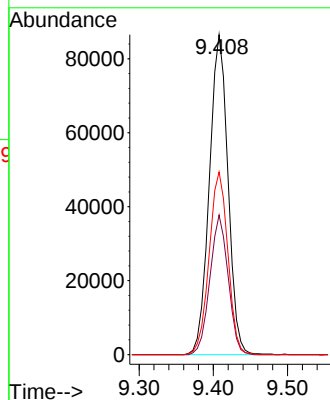
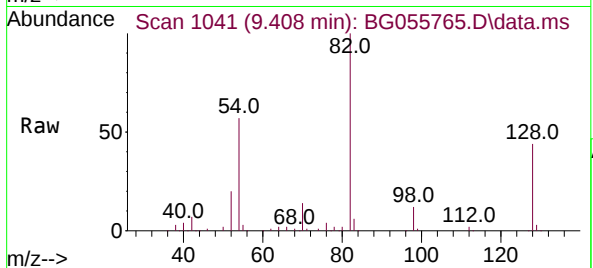
Tgt Ion: 82 Resp: 150779

Ion Ratio Lower Upper

82 100

128 43.6 34.1 51.1

54 57.1 47.3 70.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.860 min Scan# 1969

Delta R.T. -0.003 min

Lab File: BG055765.D

Acq: 23 Nov 2022 21:40

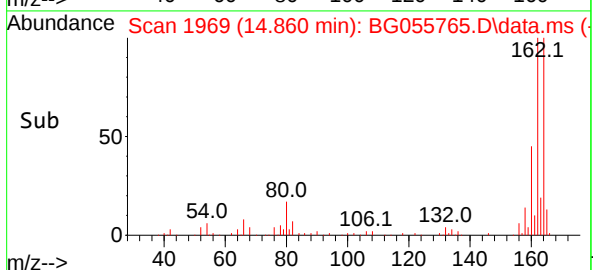
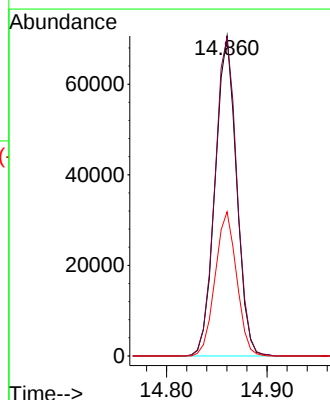
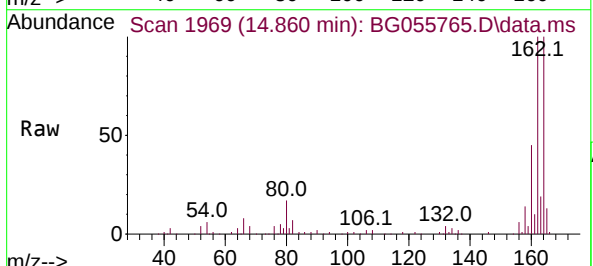
Tgt Ion:164 Resp: 104546

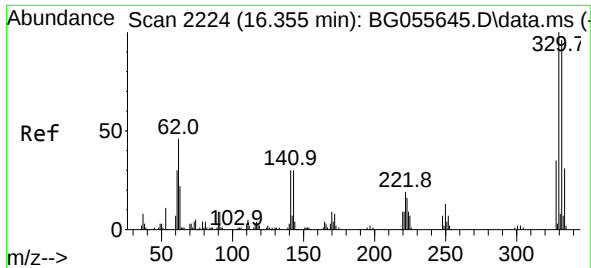
Ion Ratio Lower Upper

164 100

162 99.5 81.1 121.7

160 45.0 34.8 52.2

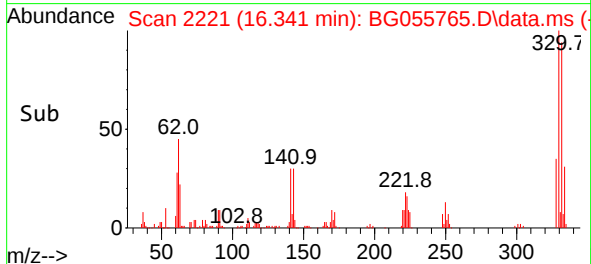
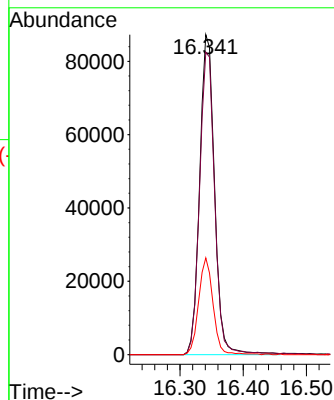
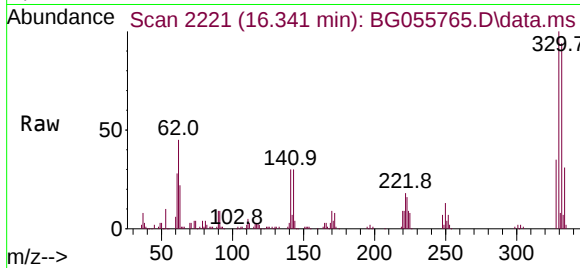




#42
2,4,6-Tribromophenol
Concen: 97.039 ng
RT: 16.341 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG055765.D
Acq: 23 Nov 2022 21:40

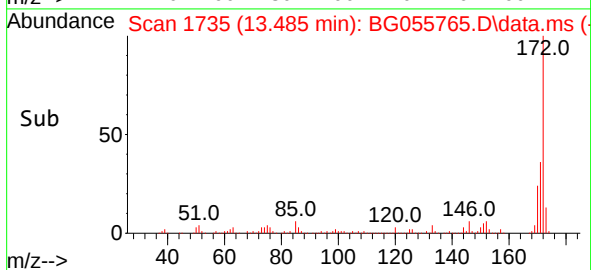
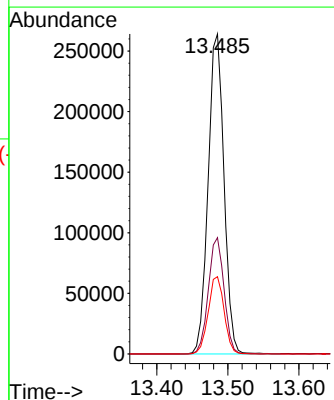
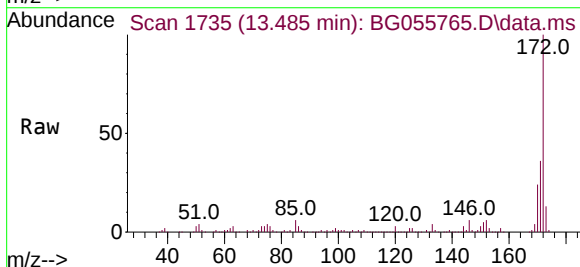
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-4

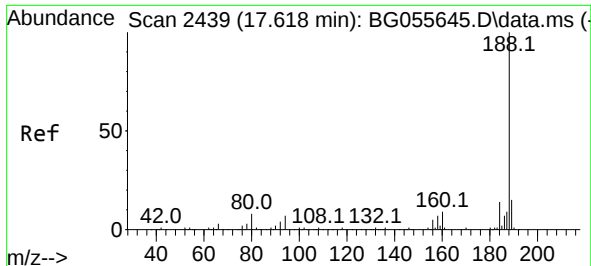
Tgt Ion:330 Resp: 142855
Ion Ratio Lower Upper
330 100
332 96.0 77.8 116.8
141 29.2 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 58.608 ng
RT: 13.485 min Scan# 1735
Delta R.T. -0.003 min
Lab File: BG055765.D
Acq: 23 Nov 2022 21:40

Tgt Ion:172 Resp: 408993
Ion Ratio Lower Upper
172 100
171 36.4 29.8 44.6
170 24.1 20.2 30.4

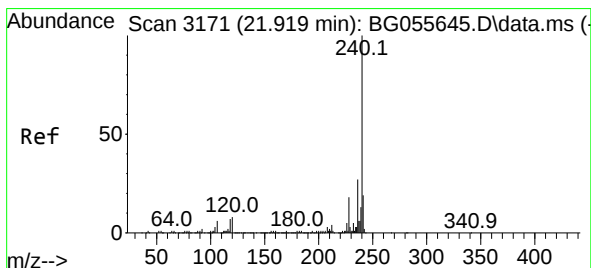
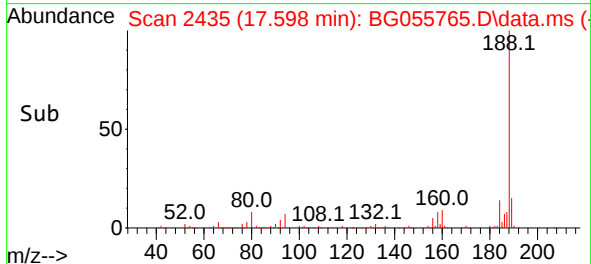
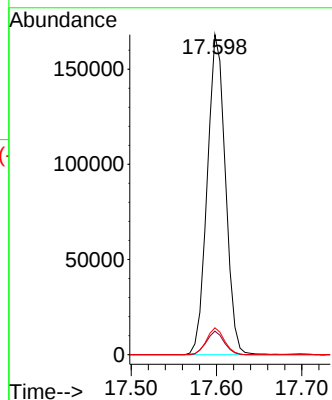
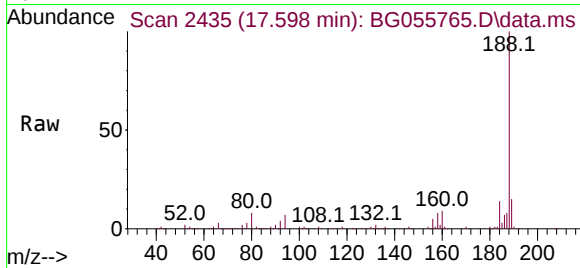




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.598 min Scan# 2435
Delta R.T. -0.009 min
Lab File: BG055765.D
Acq: 23 Nov 2022 21:40

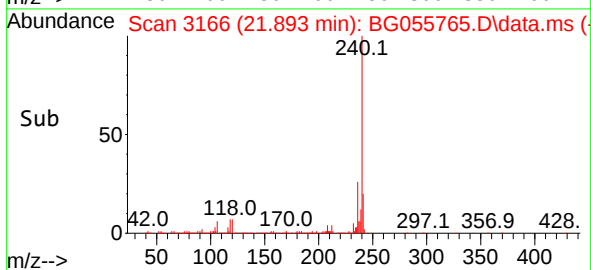
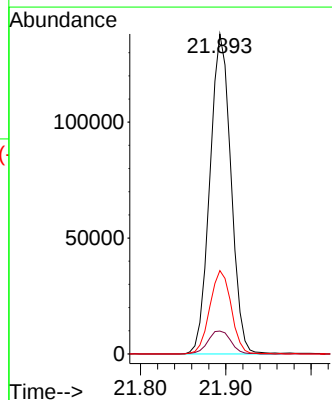
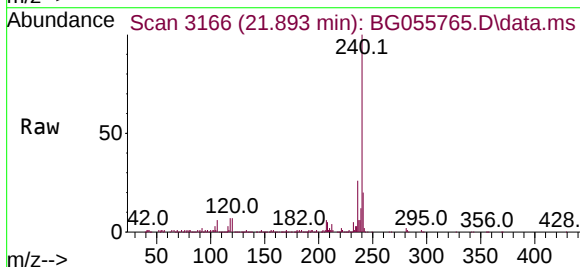
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-4

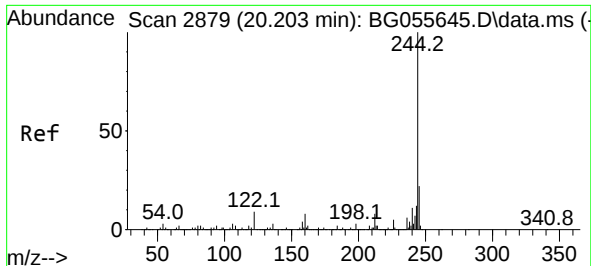
Tgt Ion:188 Resp: 248179
Ion Ratio Lower Upper
188 100
94 7.3 5.4 8.2
80 8.4 6.6 10.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.893 min Scan# 3166
Delta R.T. -0.009 min
Lab File: BG055765.D
Acq: 23 Nov 2022 21:40

Tgt Ion:240 Resp: 236764
Ion Ratio Lower Upper
240 100
120 7.1 6.3 9.5
236 26.0 21.9 32.9

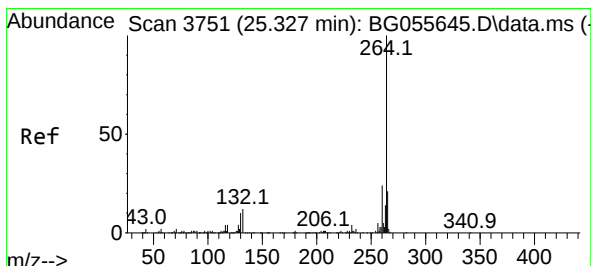
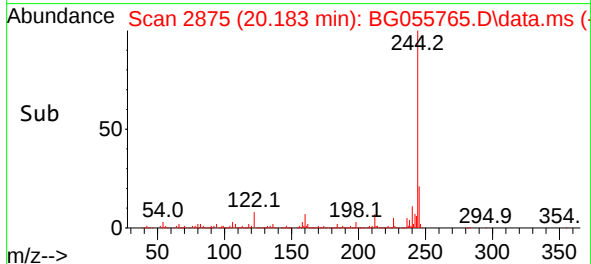
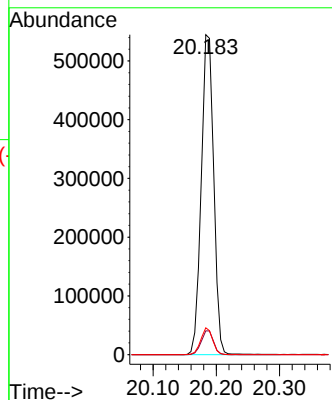
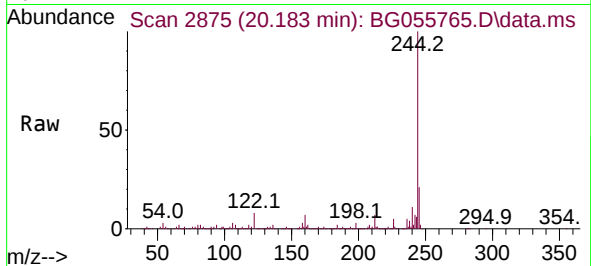




#79
 Terphenyl-d14
 Concen: 62.954 ng
 RT: 20.183 min Scan# 2875
 Delta R.T. -0.009 min
 Lab File: BG055765.D
 Acq: 23 Nov 2022 21:40

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-PILE-4

Tgt Ion:244 Resp: 745214
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.3 9.5
 122 8.4 6.9 10.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.295 min Scan# 3745
 Delta R.T. -0.009 min
 Lab File: BG055765.D
 Acq: 23 Nov 2022 21:40

Tgt Ion:264 Resp: 251812
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.5 29.3
 265 22.3 17.1 25.7

