

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112222\
 Data File : BG055746.D
 Acq On : 22 Nov 2022 19:17
 Operator : CG/JU
 Sample : N5641-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-PILE-8

Quant Time: Nov 23 01:39:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 23 01:35:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.241	152	37450	20.000	ng	0.00
21) Naphthalene-d8	11.073	136	158499	20.000	ng	0.00
39) Acenaphthene-d10	14.863	164	118651	20.000	ng	0.00
64) Phenanthrene-d10	17.606	188	283701	20.000	ng	0.00
76) Chrysene-d12	21.901	240	268792	20.000	ng	0.00
86) Perylene-d12	25.309	264	282909	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.773	112	190373	91.883	ng	0.00
7) Phenol-d6	7.389	99	258175	93.608	ng	0.00
23) Nitrobenzene-d5	9.410	82	154865	51.643	ng	0.00
42) 2,4,6-Tribromophenol	16.349	330	139641	83.579	ng	0.00
45) 2-Fluorobiphenyl	13.488	172	400762	50.602	ng	0.00
79) Terphenyl-d14	20.192	244	695971	51.788	ng	0.00

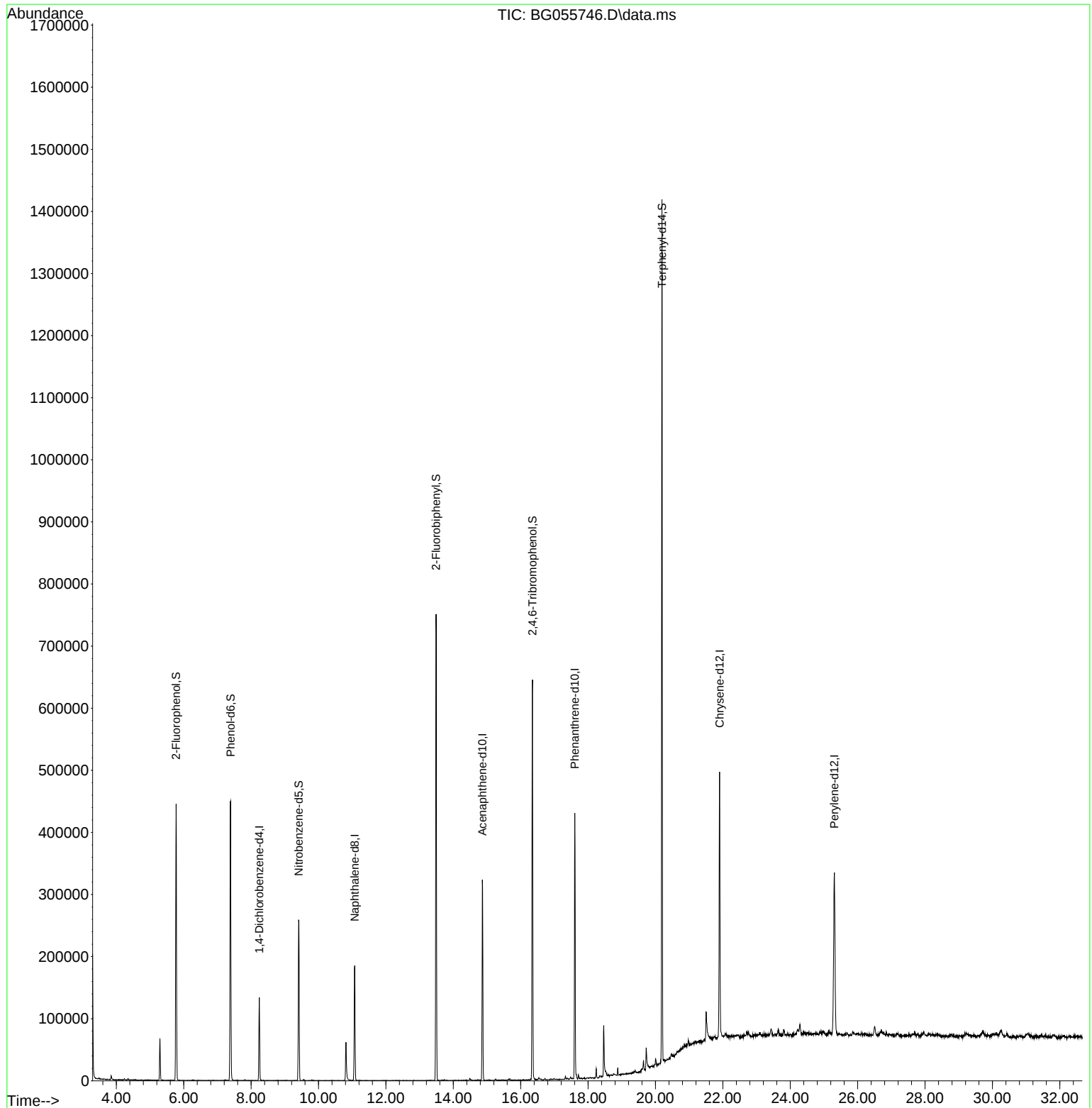
Target Compounds	Qvalue

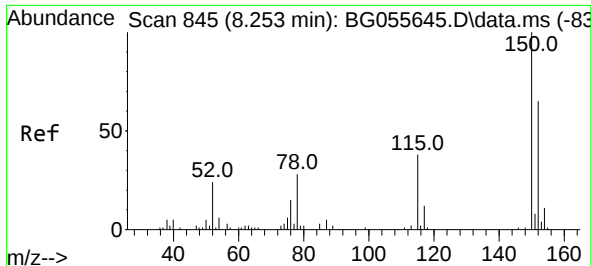
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112222\
Data File : BG055746.D
Acq On : 22 Nov 2022 19:17
Operator : CG/JU
Sample : N5641-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-8

Quant Time: Nov 23 01:39:56 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 23 01:35:20 2022
Response via : Initial Calibration

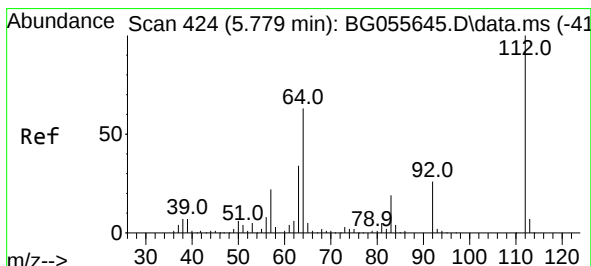
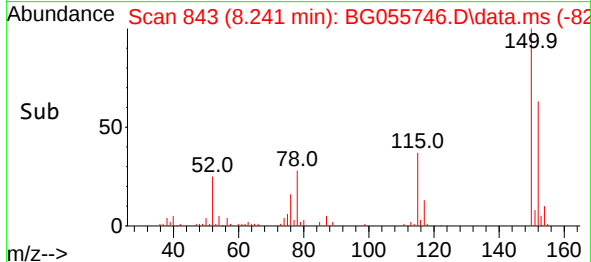
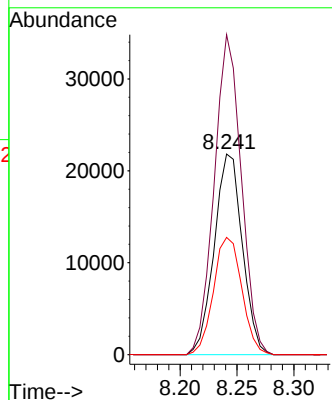
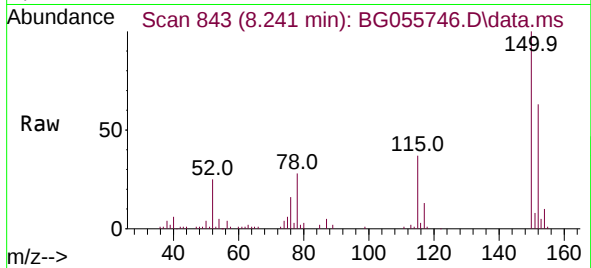




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.241 min Scan# 84
Delta R.T. -0.005 min
Lab File: BG055746.D
Acq: 22 Nov 2022 19:17

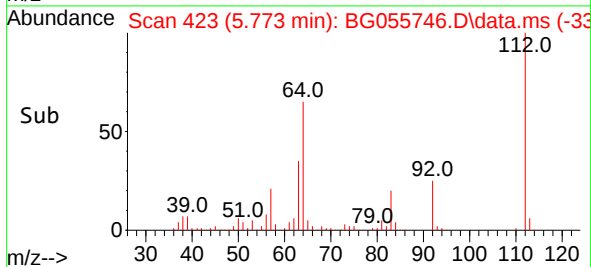
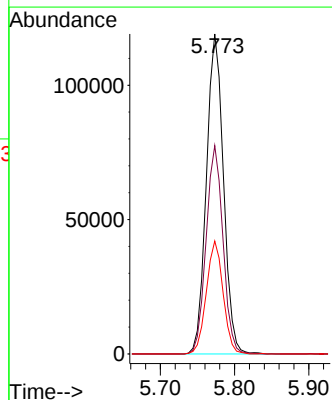
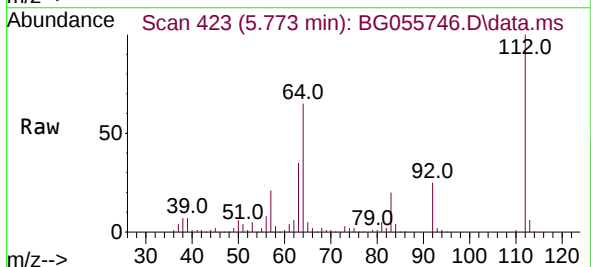
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-8

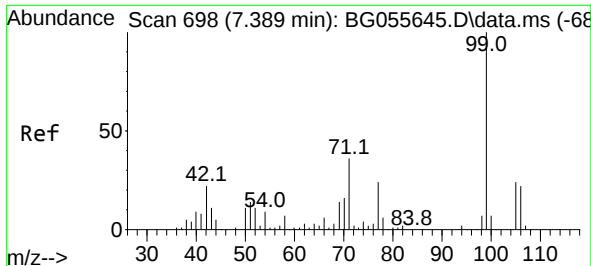
Tgt Ion:152 Resp: 37450
Ion Ratio Lower Upper
152 100
150 159.5 123.0 184.6
115 58.5 47.0 70.4



#5
2-Fluorophenol
Concen: 91.883 ng
RT: 5.773 min Scan# 423
Delta R.T. 0.001 min
Lab File: BG055746.D
Acq: 22 Nov 2022 19:17

Tgt Ion:112 Resp: 190373
Ion Ratio Lower Upper
112 100
64 65.1 50.6 76.0
63 35.3 27.5 41.3

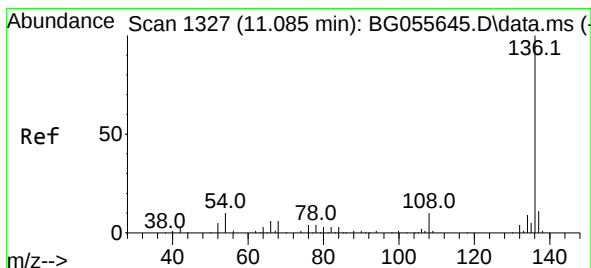
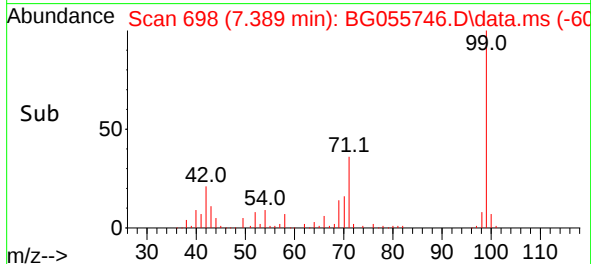
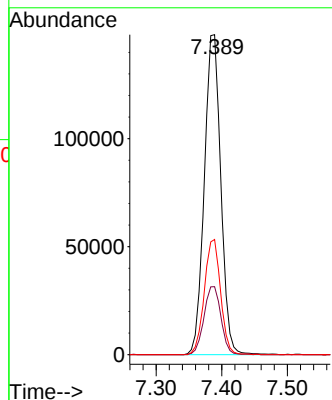
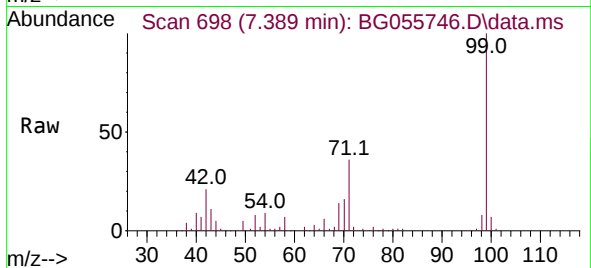




#7
Phenol-d6
Concen: 93.608 ng
RT: 7.389 min Scan# 698
Delta R.T. 0.001 min
Lab File: BG055746.D
Acq: 22 Nov 2022 19:17

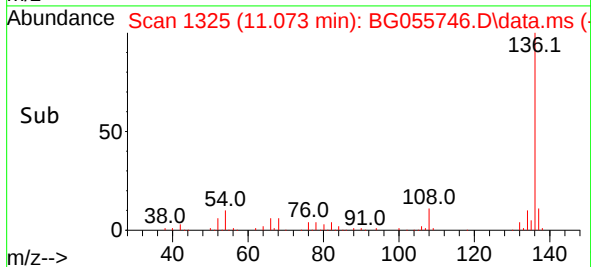
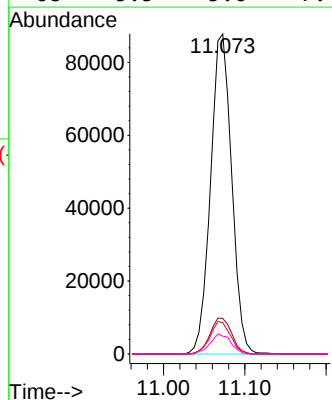
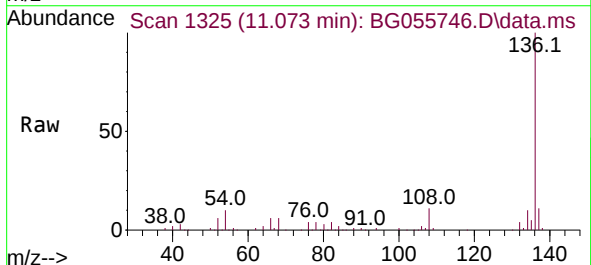
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-8

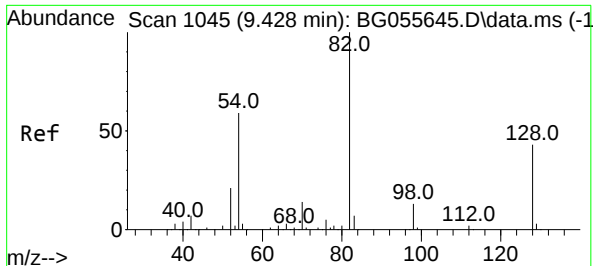
Tgt Ion: 99 Resp: 258175
Ion Ratio Lower Upper
99 100
42 21.3 18.0 27.0
71 36.0 29.0 43.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.073 min Scan# 1325
Delta R.T. 0.001 min
Lab File: BG055746.D
Acq: 22 Nov 2022 19:17

Tgt Ion: 136 Resp: 158499
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.6
54 9.8 7.8 11.6
68 5.5 5.0 7.4





#23

Nitrobenzene-d5

Concen: 51.643 ng

RT: 9.410 min Scan# 1042

Delta R.T. -0.005 min

Lab File: BG055746.D

Acq: 22 Nov 2022 19:17

Instrument :

BNA_G

ClientSampleId :

SOIL-PILE-8

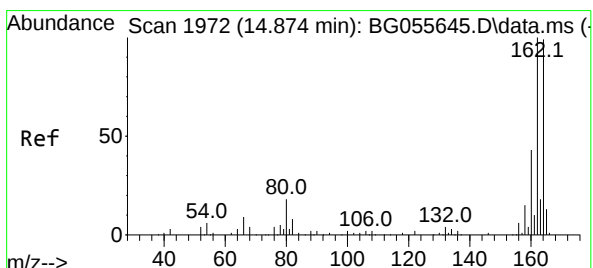
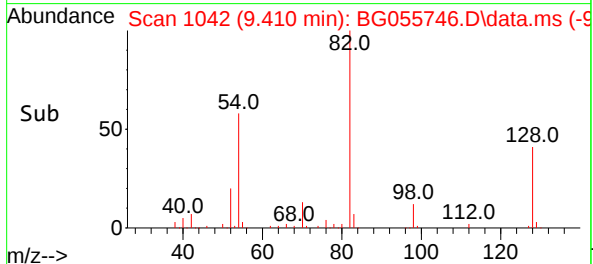
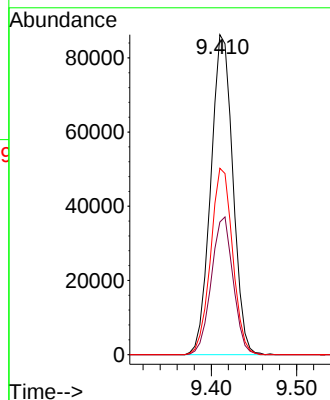
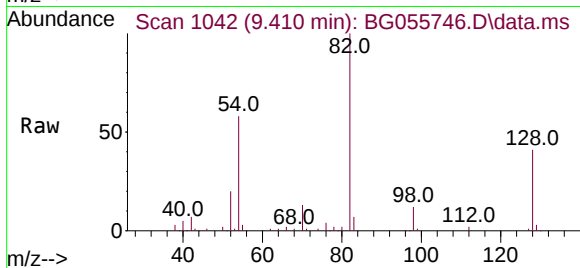
Tgt Ion: 82 Resp: 154865

Ion Ratio Lower Upper

82 100

128 41.4 34.1 51.1

54 58.2 47.3 70.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.863 min Scan# 1970

Delta R.T. -0.005 min

Lab File: BG055746.D

Acq: 22 Nov 2022 19:17

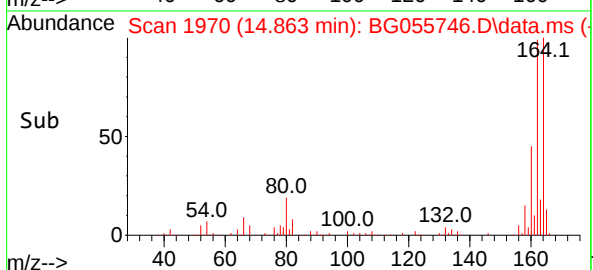
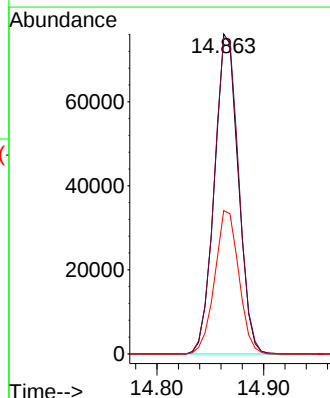
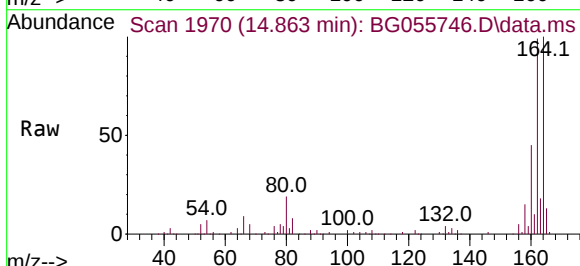
Tgt Ion: 164 Resp: 118651

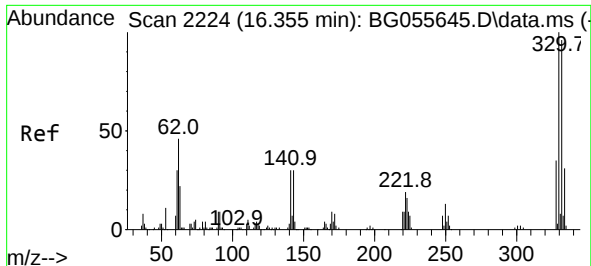
Ion Ratio Lower Upper

164 100

162 98.8 81.1 121.7

160 44.8 34.8 52.2

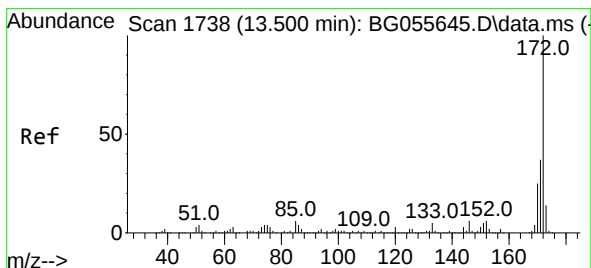
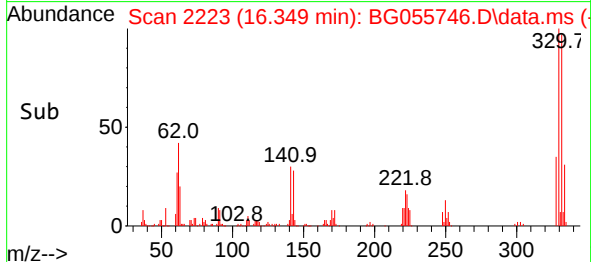
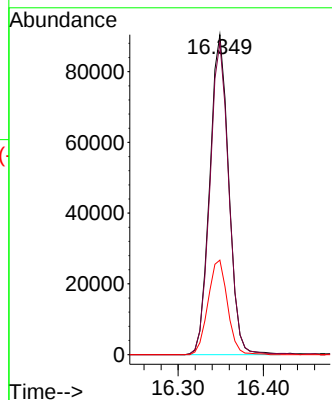
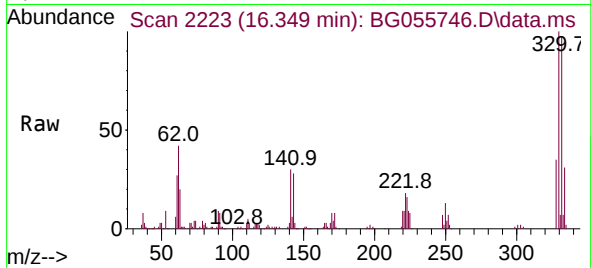




#42
2,4,6-Tribromophenol
Concen: 83.579 ng
RT: 16.349 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG055746.D
Acq: 22 Nov 2022 19:17

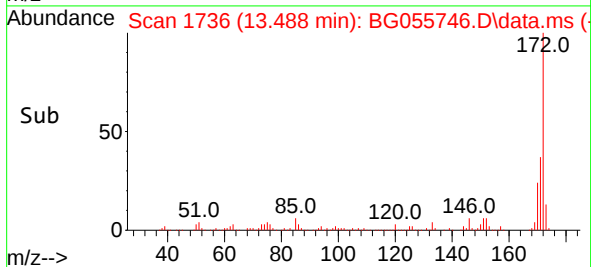
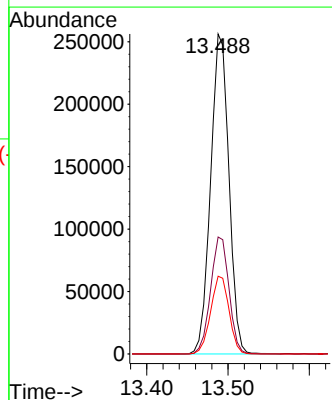
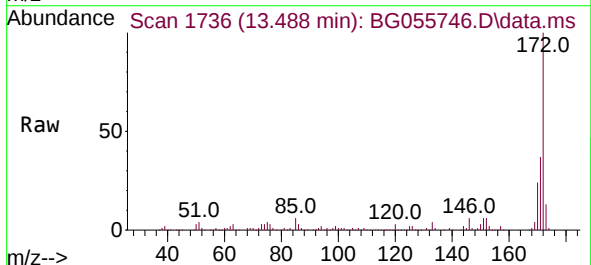
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-8

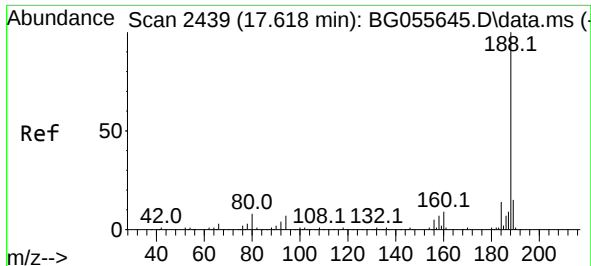
Tgt Ion:330 Resp: 139641
Ion Ratio Lower Upper
330 100
332 97.4 77.8 116.8
141 30.2 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 50.602 ng
RT: 13.488 min Scan# 1736
Delta R.T. -0.005 min
Lab File: BG055746.D
Acq: 22 Nov 2022 19:17

Tgt Ion:172 Resp: 400762
Ion Ratio Lower Upper
172 100
171 36.5 29.8 44.6
170 24.3 20.2 30.4

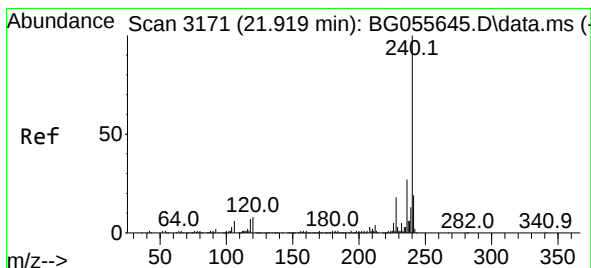
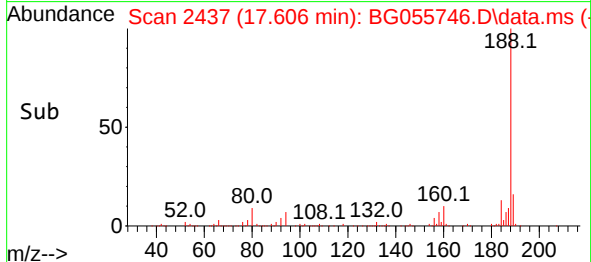
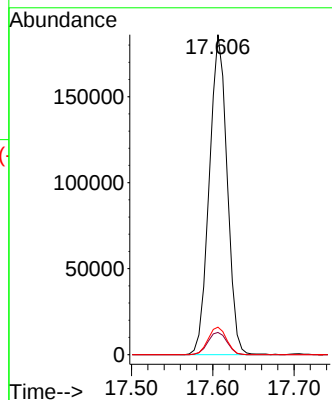
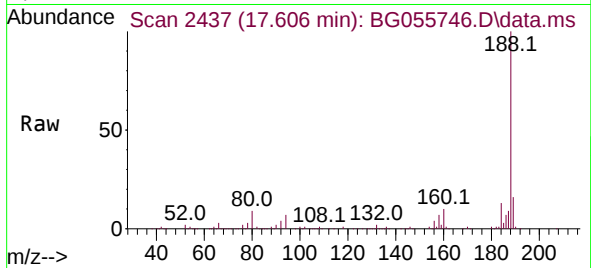




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.606 min Scan# 2437
Delta R.T. 0.001 min
Lab File: BG055746.D
Acq: 22 Nov 2022 19:17

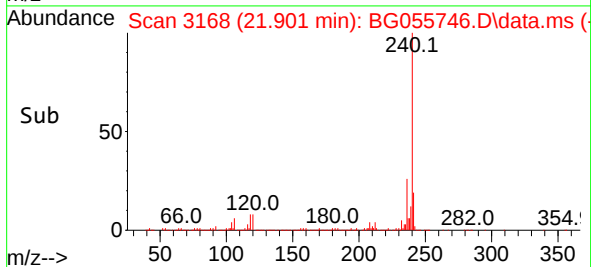
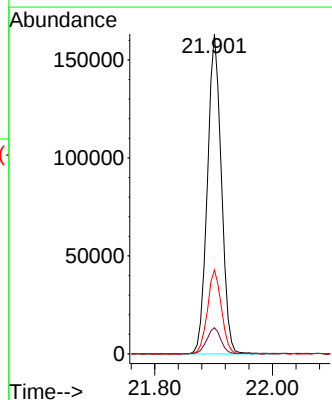
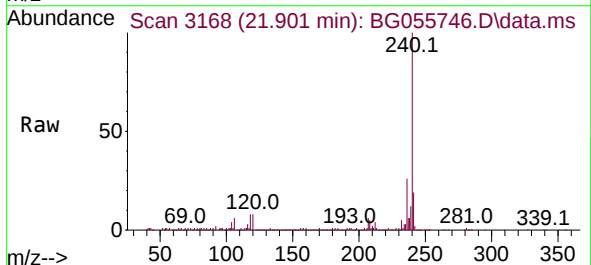
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-8

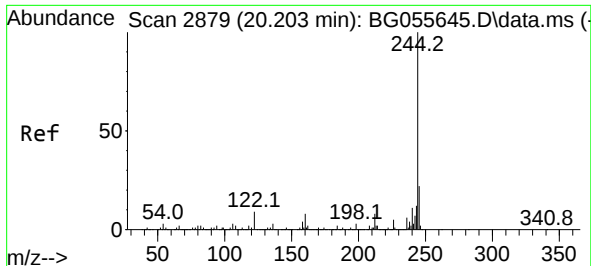
Tgt Ion:188 Resp: 283701
Ion Ratio Lower Upper
188 100
94 6.9 5.4 8.2
80 8.6 6.6 10.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.901 min Scan# 3168
Delta R.T. -0.005 min
Lab File: BG055746.D
Acq: 22 Nov 2022 19:17

Tgt Ion:240 Resp: 268792
Ion Ratio Lower Upper
240 100
120 8.2 6.3 9.5
236 26.2 21.9 32.9

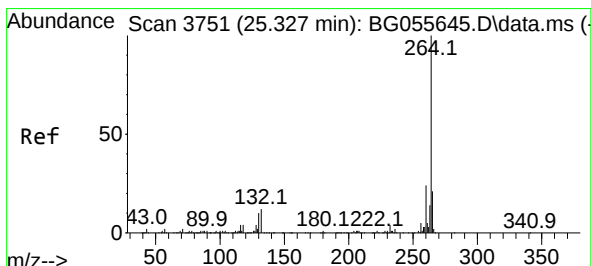
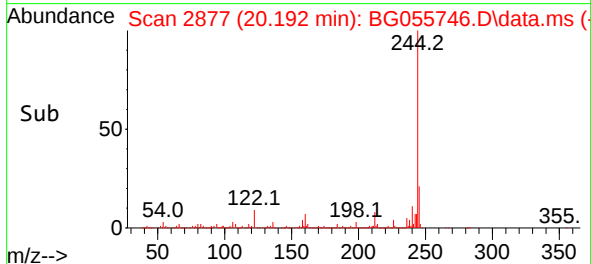
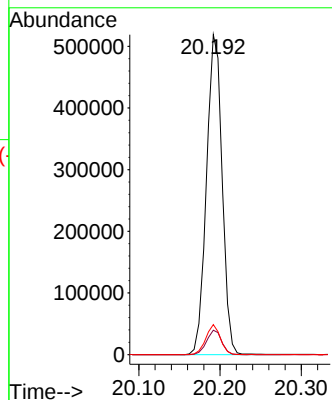
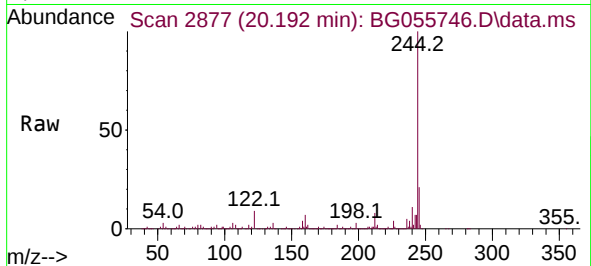




#79
 Terphenyl-d14
 Concen: 51.788 ng
 RT: 20.192 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG055746.D
 Acq: 22 Nov 2022 19:17

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-PILE-8

Tgt Ion:244 Resp: 695971
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.3 9.5
 122 9.4 6.9 10.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.309 min Scan# 3748
 Delta R.T. 0.007 min
 Lab File: BG055746.D
 Acq: 22 Nov 2022 19:17

Tgt Ion:264 Resp: 282909
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.5 29.3
 265 22.0 17.1 25.7

