

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)

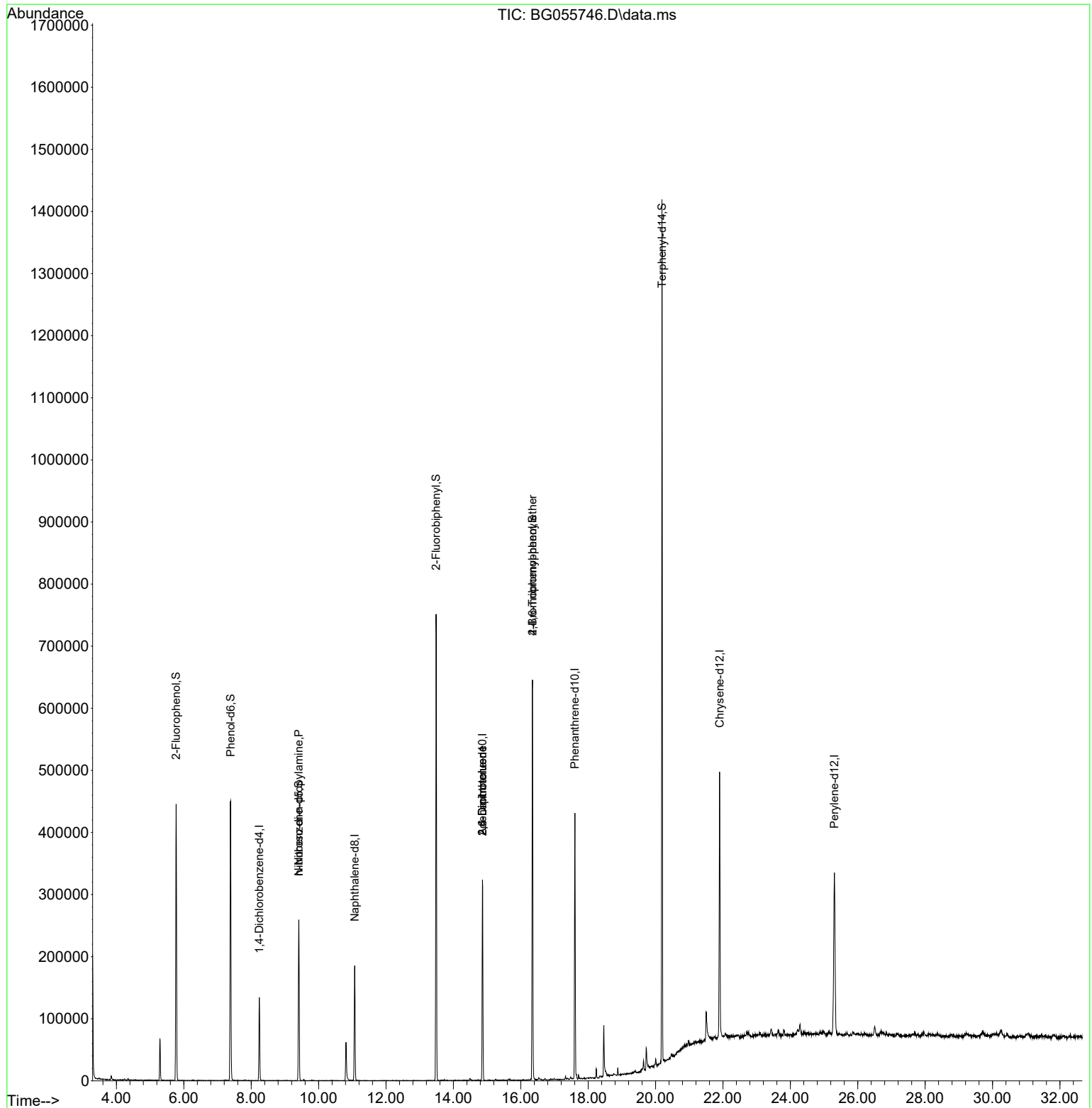
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.241	152	37450	20.000	ng	0.00
21) Naphthalene-d8	11.073	136	158499	20.000	ng	0.00
39) Acenaphthene-d10	14.863	164	118651	20.000	ng	0.00
64) Phenanthrene-d10	17.606	188	283701	20.000	ng	0.00
76) Chrysene-d12	21.901	240	268792	20.000	ng	0.00
86) Perylene-d12	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						
19) n-Nitroso-di-n-propyla...	9.410	70	20624	9.732	ng	# 78
51) 2,6-Dinitrotoluene	14.863	165	15461	7.995	ng	# 25
57) 2,4-Dinitrotoluene	14.863	165	15461	5.670	ng	# 24
67) 4-Bromophenyl-phenylether	16.349	248	9152	2.831	ng	# 1

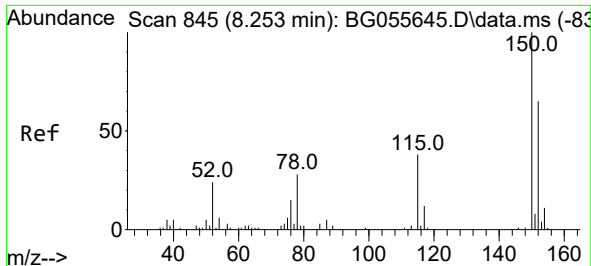
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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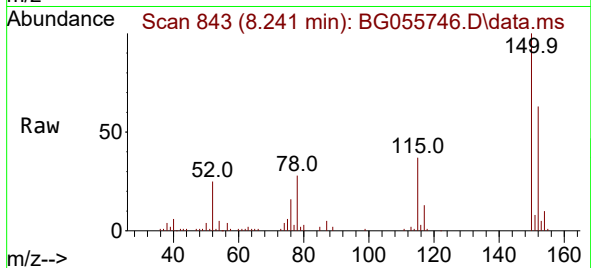
Quant Time: Nov 23 01:39:56 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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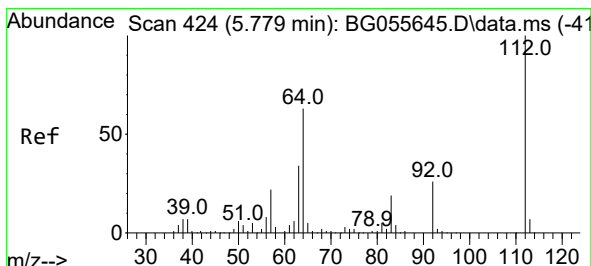
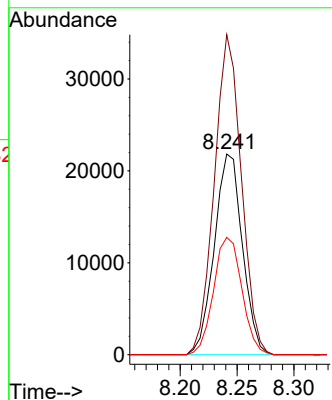
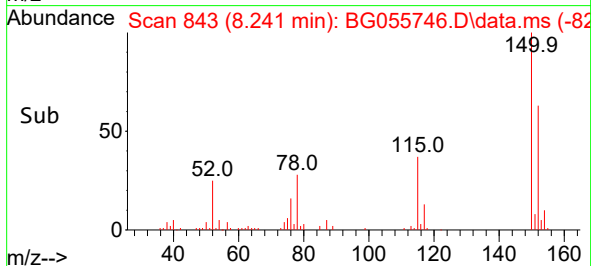


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.241 min Scan# 84
Delta R.T. -0.005 min
Lab File: BG055746.D
Acq: 22 Nov 2022 19:17

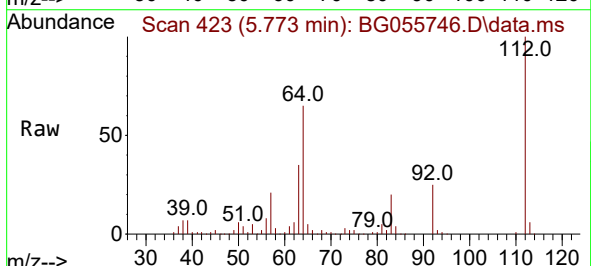
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-8



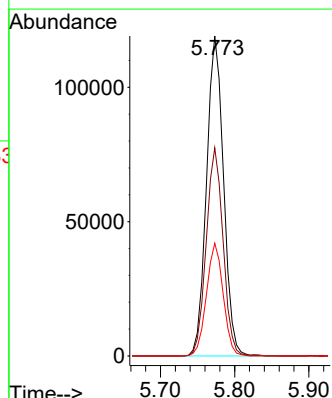
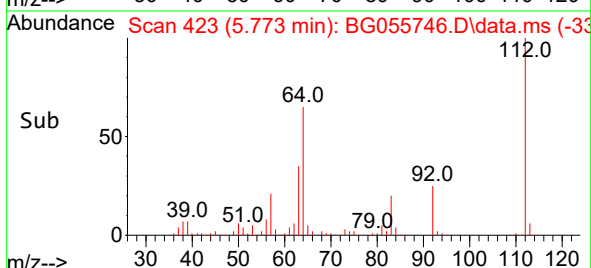
Tgt Ion:152 Resp: 37450
Ion Ratio Lower Upper
152 100
150 159.5 123.0 184.6
115 58.5 47.0 70.4

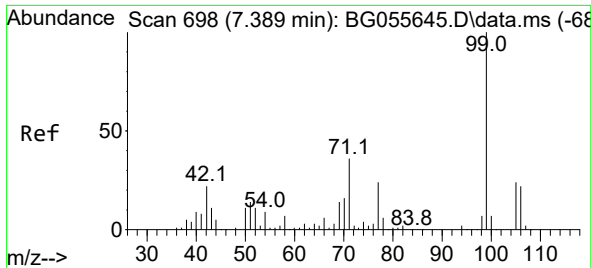


#5
2-Fluorophenol
Concen: 91.883 ng
RT: 5.773 min Scan# 423
Delta R.T. 0.001 min
Lab File: BG055746.D
Acq: 22 Nov 2022 19:17



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

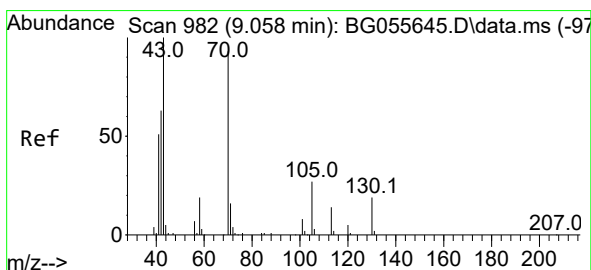
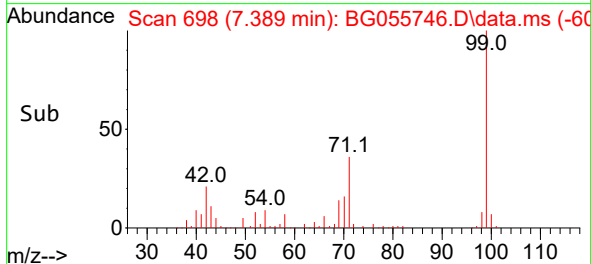
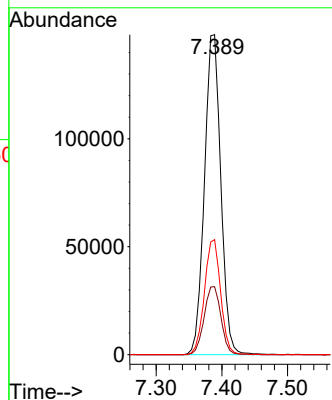
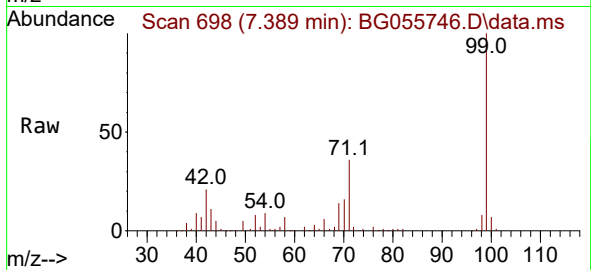




#7
Phenol-d6
Concen: 93.608 ng
RT: 7.389 min Scan# 698
Delta R.T. 0.001 min
Lab File: BG055746.D
Acq: 22 Nov 2022 19:17

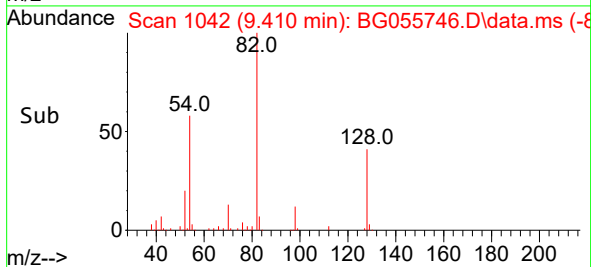
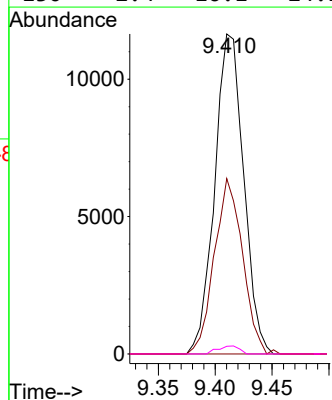
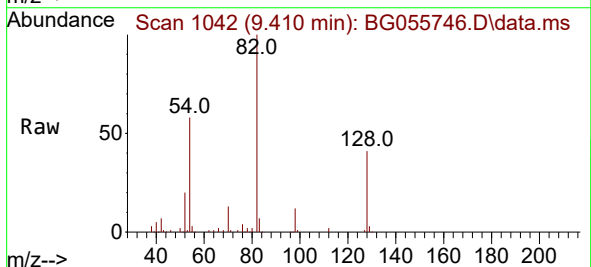
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-8

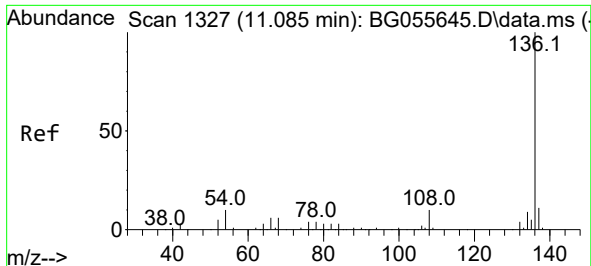
Tgt Ion: 99 Resp: 258175
Ion Ratio Lower Upper
99 100
42 21.3 18.0 27.0
71 36.0 29.0 43.6



#19
n-Nitroso-di-n-propylamine
Concen: 9.732 ng
RT: 9.410 min Scan# 1042
Delta R.T. 0.365 min
Lab File: BG055746.D
Acq: 22 Nov 2022 19:17

Tgt Ion: 70 Resp: 20624
Ion Ratio Lower Upper
70 100
42 54.8 55.2 82.8#
101 0.0 7.1 10.7#
130 2.4 16.1 24.1#

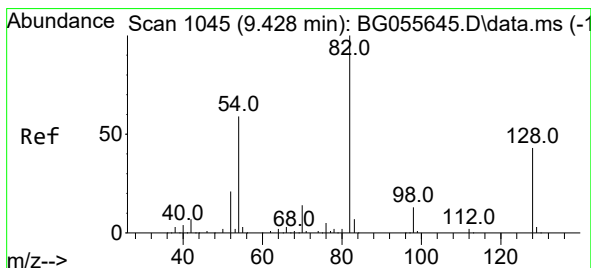
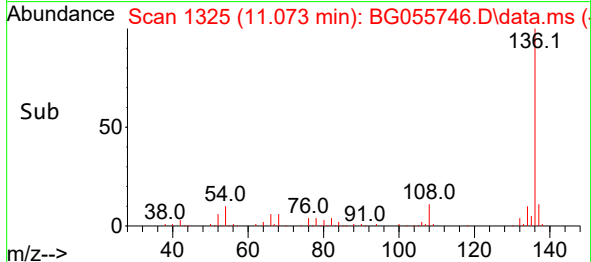
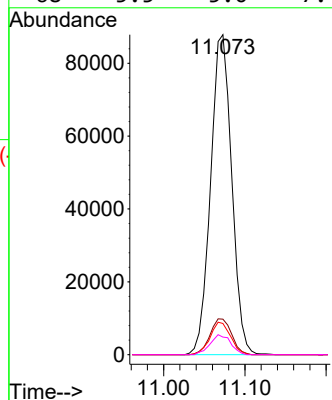
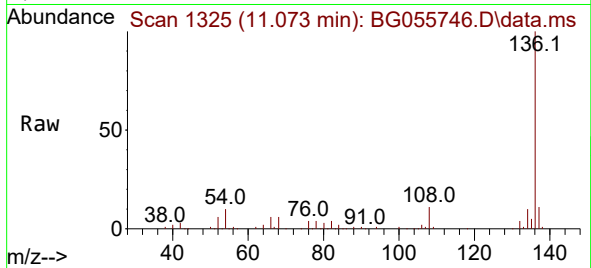




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.073 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG055746.D
Acq: 22 Nov 2022 19:17

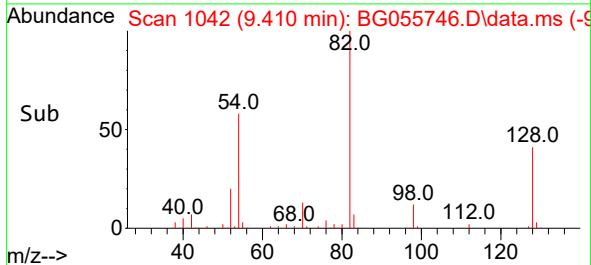
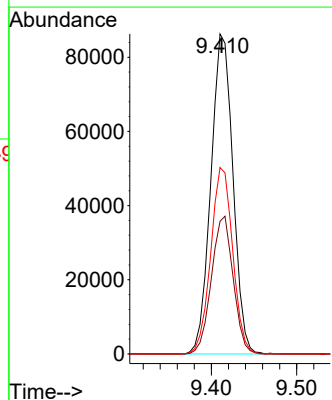
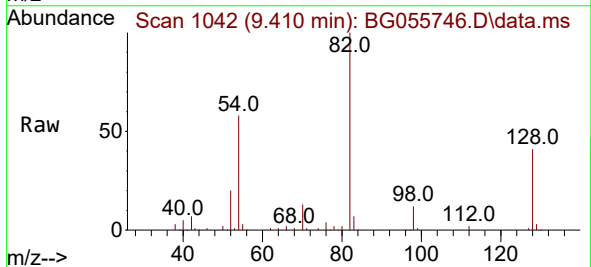
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-8

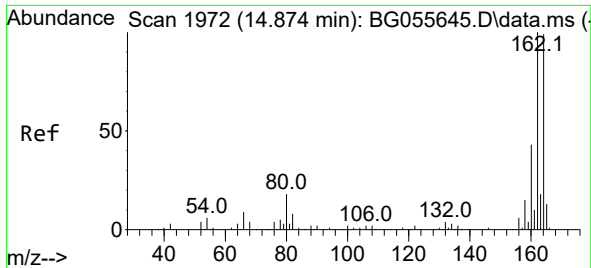
Tgt Ion:	136	Resp:	158499
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.0	13.6
54	9.8	7.8	11.6
68	5.5	5.0	7.4



#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

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

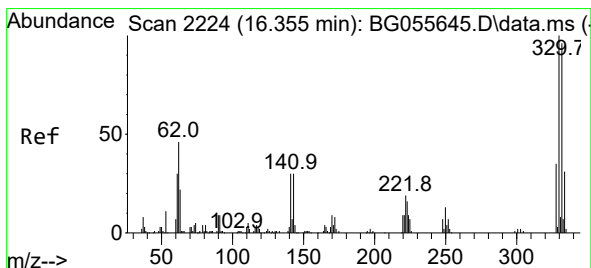
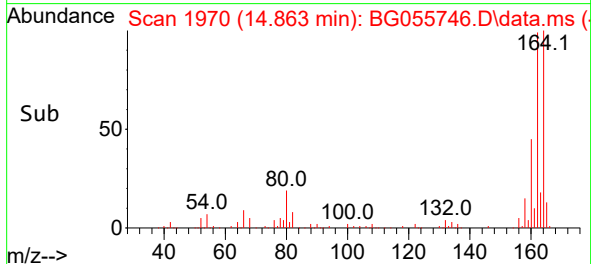
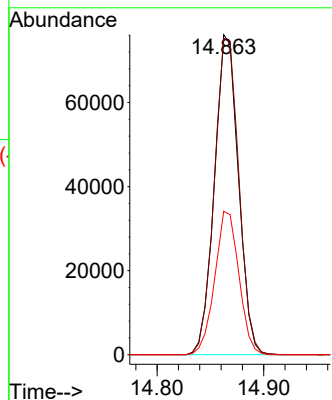
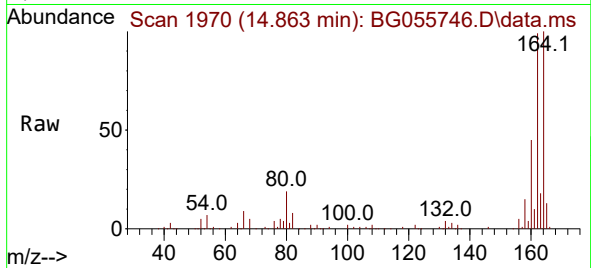




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.863 min Scan# 1970
Delta R.T. -0.005 min
Lab File: BG055746.D
Acq: 22 Nov 2022 19:17

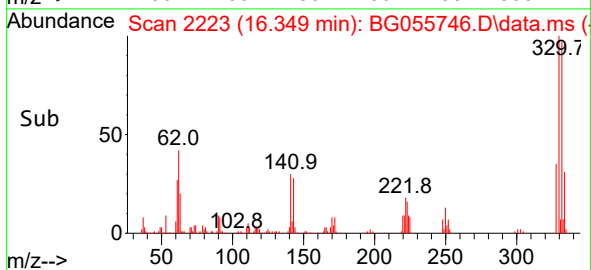
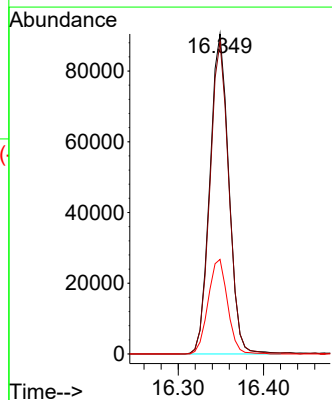
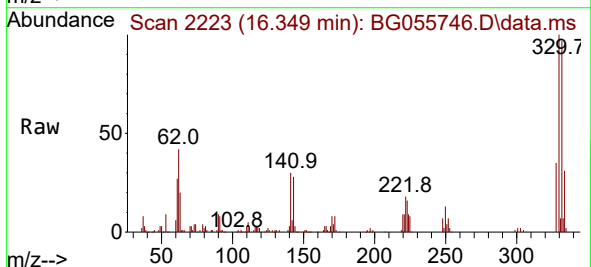
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-8

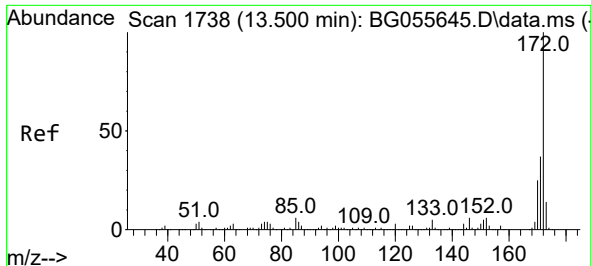
Tgt Ion:164 Resp: 118651
Ion Ratio Lower Upper
164 100
162 98.8 81.1 121.7
160 44.8 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 83.579 ng
RT: 16.349 min Scan# 2223
Delta R.T. 0.001 min
Lab File: BG055746.D
Acq: 22 Nov 2022 19:17

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

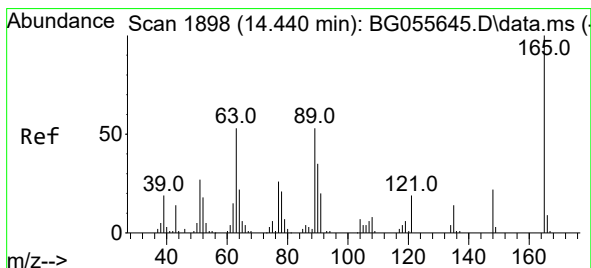
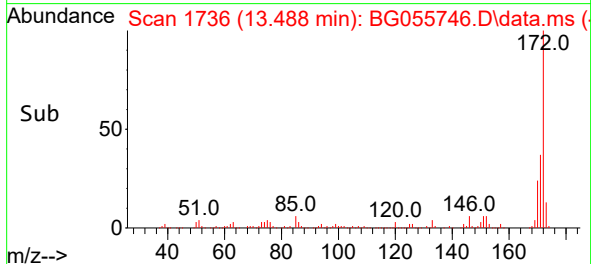
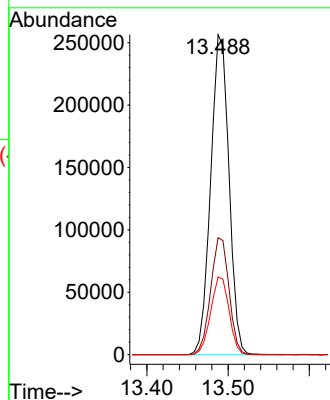
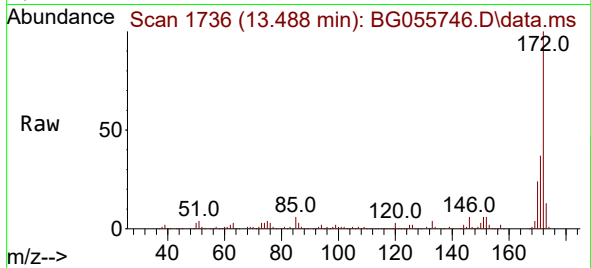




#45
2-Fluorobiphenyl
Concen: 50.602 ng
RT: 13.488 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG055746.D
Acq: 22 Nov 2022 19:17

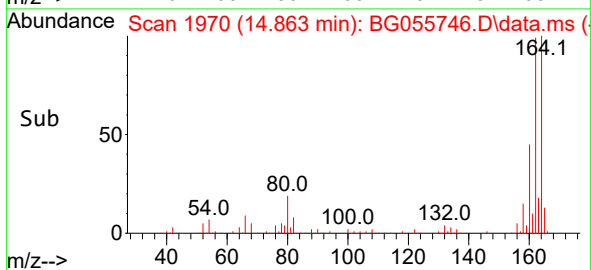
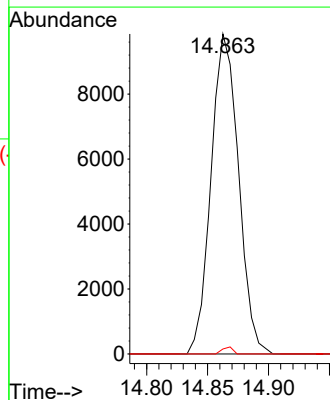
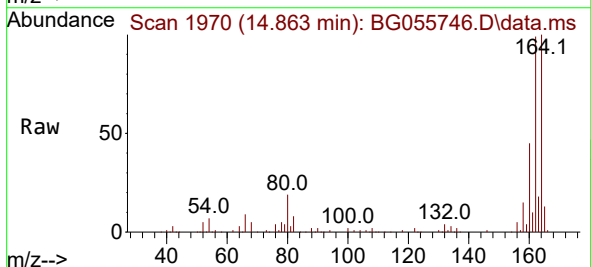
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-8

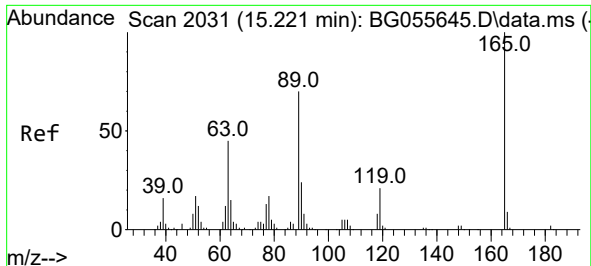
Tgt Ion:172 Resp: 400762
Ion Ratio Lower Upper
172 100
171 36.5 29.8 44.6
170 24.3 20.2 30.4



#51
2,6-Dinitrotoluene
Concen: 7.995 ng
RT: 14.863 min Scan# 1970
Delta R.T. 0.430 min
Lab File: BG055746.D
Acq: 22 Nov 2022 19:17

Tgt Ion:165 Resp: 15461
Ion Ratio Lower Upper
165 100
63 0.0 44.6 66.8#
89 1.5 42.2 63.4#





#57

2,4-Dinitrotoluene

Concen: 5.670 ng

RT: 14.863 min Scan# 14

Delta R.T. -0.358 min

Lab File: BG055746.D

Acq: 22 Nov 2022 19:17

Instrument :

BNA_G

ClientSampleId :

SOIL-PILE-8

Tgt Ion:165 Resp: 15461

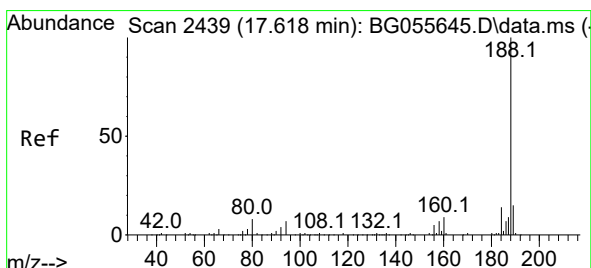
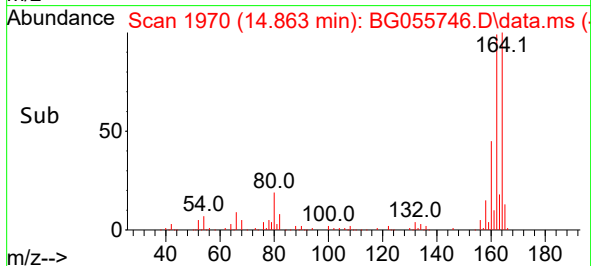
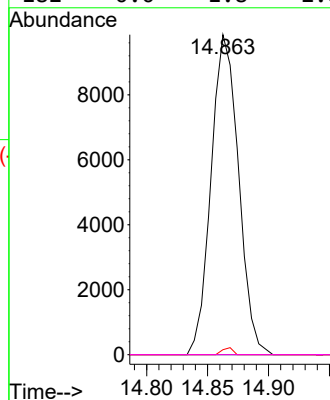
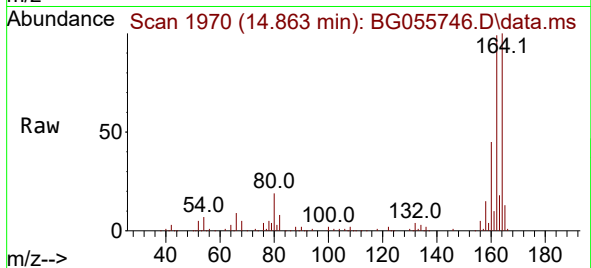
Ion Ratio Lower Upper

165 100

63 0.0 35.8 53.8#

89 1.5 56.2 84.4#

182 0.0 1.8 2.8#



#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

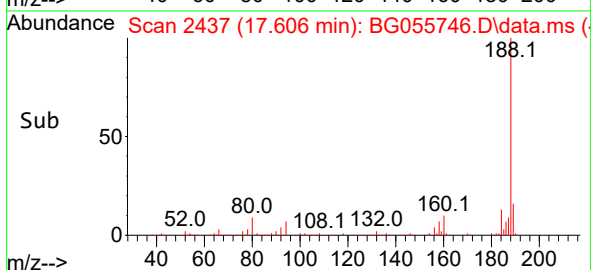
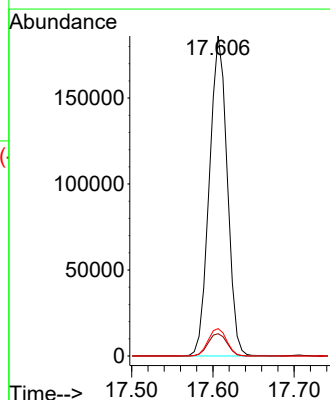
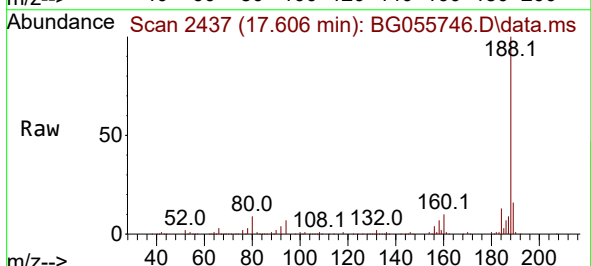
Tgt Ion:188 Resp: 283701

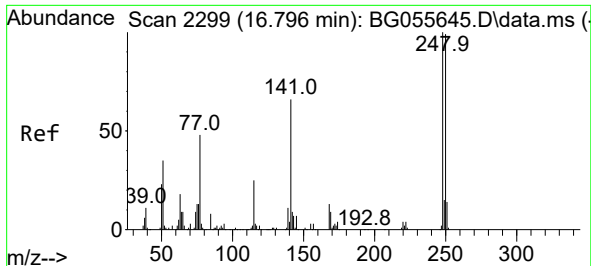
Ion Ratio Lower Upper

188 100

94 6.9 5.4 8.2

80 8.6 6.6 10.0

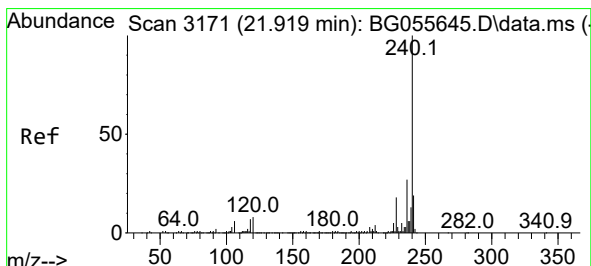
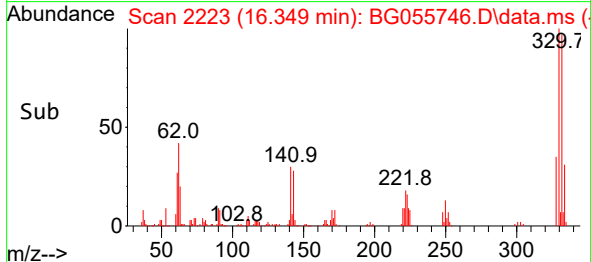
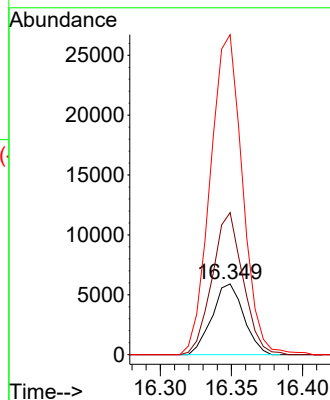
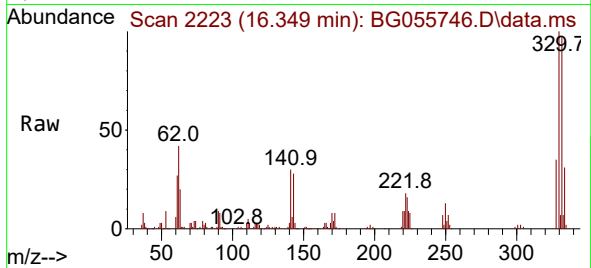




#67
4-Bromophenyl-phenylether
Concen: 2.831 ng
RT: 16.349 min Scan# 211
Delta R.T. -0.440 min
Lab File: BG055746.D
Acq: 22 Nov 2022 19:17

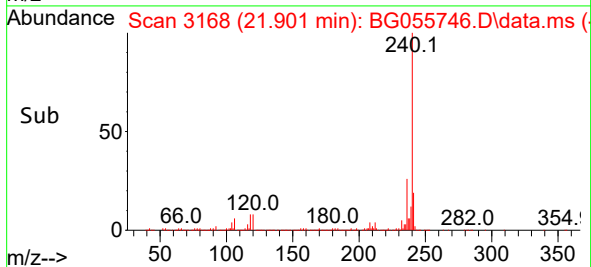
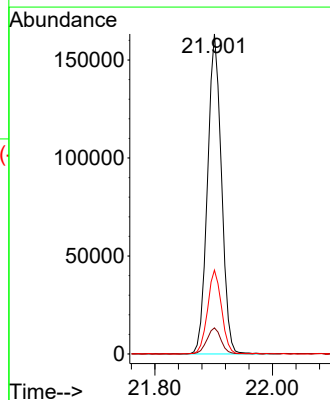
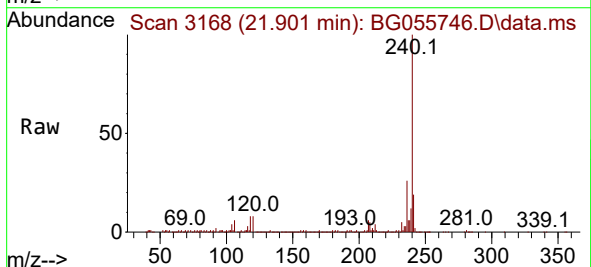
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-8

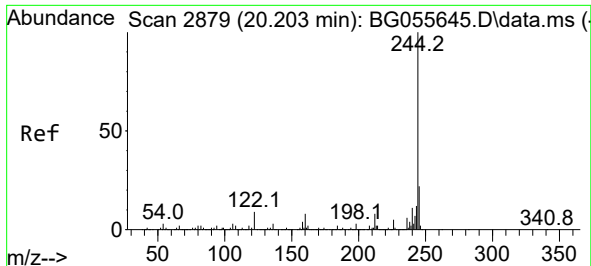
Tgt Ion:248 Resp: 9152
Ion Ratio Lower Upper
248 100
250 201.1 79.0 118.4#
141 452.9 52.9 79.3#



#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

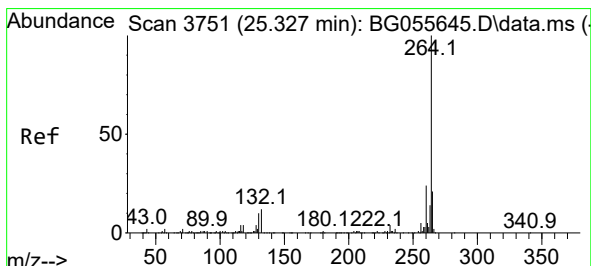
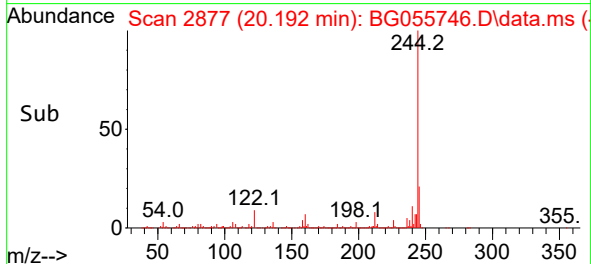
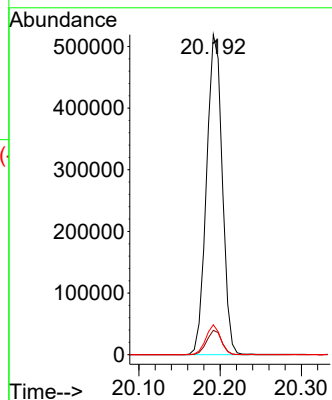
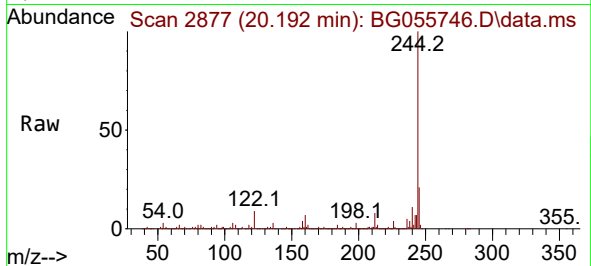




#79
 Terphenyl-d14
 Concen: 51.788 ng
 RT: 20.192 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG055746.D
 Acq: 22 Nov 2022 19:17

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

