

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110625\
 Data File : BG064707.D
 Acq On : 6 Nov 2025 17:50
 Operator : RC/JU
 Sample : Q3537-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-17-SOIL

Quant Time: Nov 07 00:32:05 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 03 18:16:26 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ng	-8.22
21) Naphthalene-d8	0.000	136	0	0.000	ng	-11.05
39) Acenaphthene-d10	0.000	164	0	0.000	ng	-14.84
64) Phenanthrene-d10	0.000	188	0	0.000	ng	-17.58
76) Chrysene-d12	0.000	240	0m	20.000	ng	-21.86
86) Perylene-d12	0.000	264	0m	20.000	ng	-25.20
System Monitoring Compounds						
5) 2-Fluorophenol	5.737	112	242112	0.000	ng	-0.01
7) Phenol-d6	7.341	99	293231	0.000	ng	-0.01
23) Nitrobenzene-d5	9.362	82	228197	0.000	ng	-0.02
42) 2,4,6-Tribromophenol	16.301	330	255121	0.000	ng	-0.02
45) 2-Fluorobiphenyl	13.451	172	610759	0.000	ng	-0.02
79) Terphenyl-d14	20.149	244	1570238	0.000	ng	-0.02

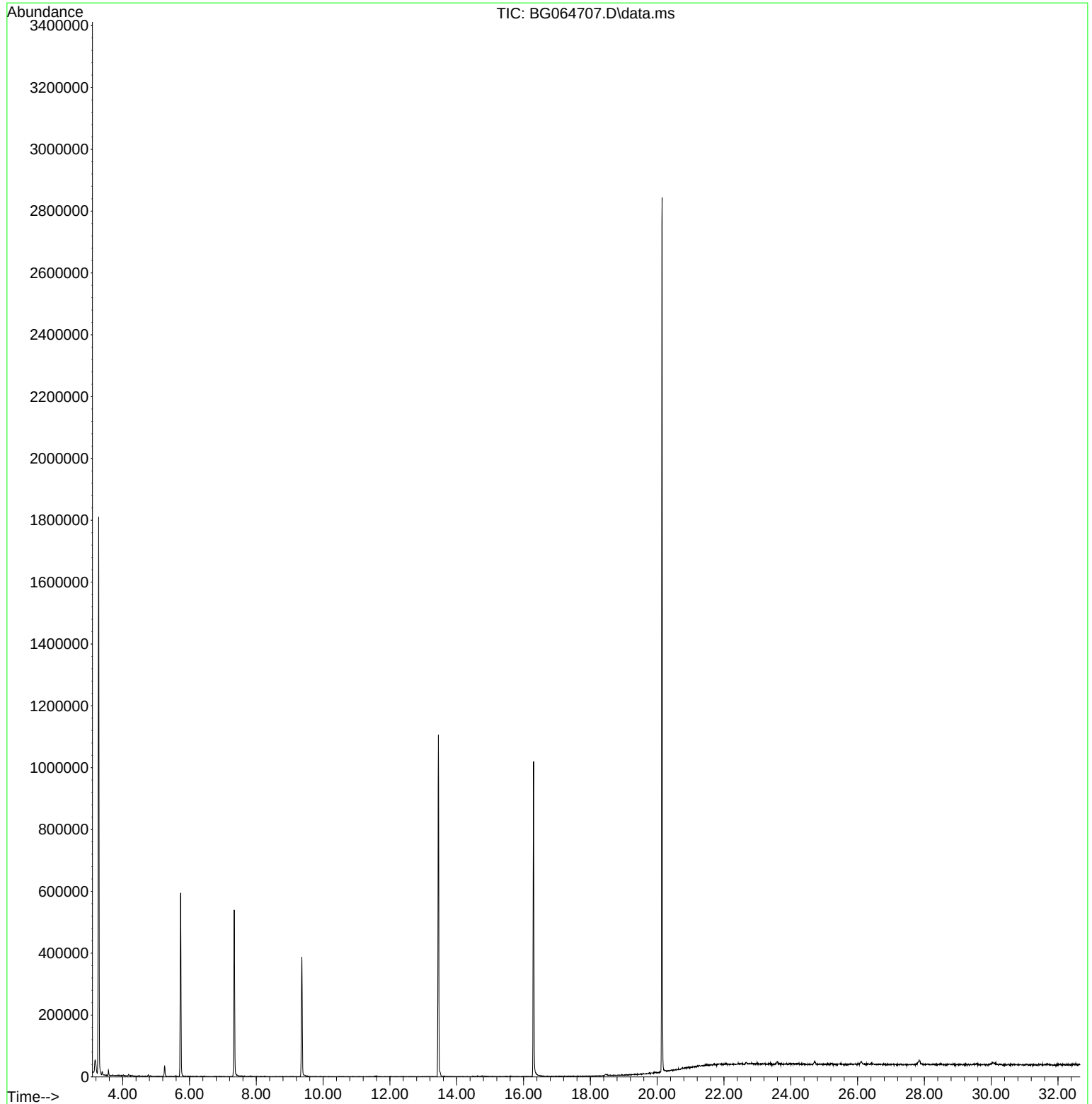
Target Compounds	Qvalue

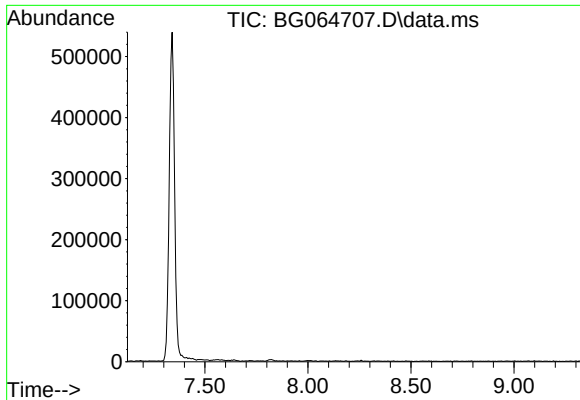
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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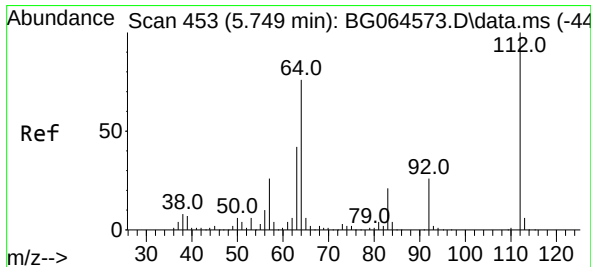
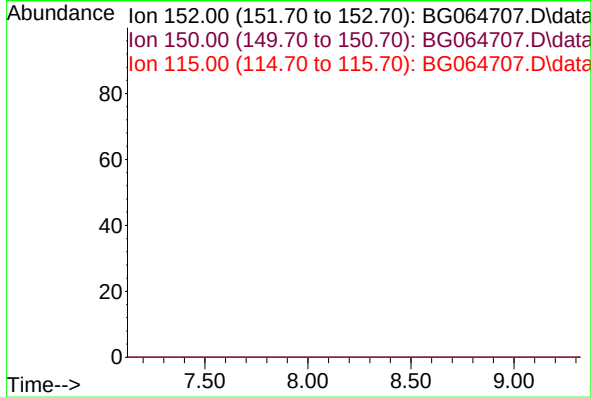


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.000 ng
 Expected RT: 8.22 min
 Lab File: BG064707.D
 Acq: 6 Nov 2025 17:50

Instrument :
 BNA_G
 ClientSampleId :
 MW-17-SOIL

Tgt Ion: 152

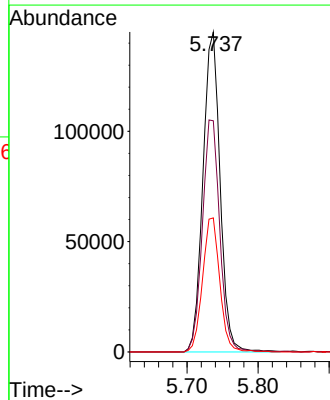
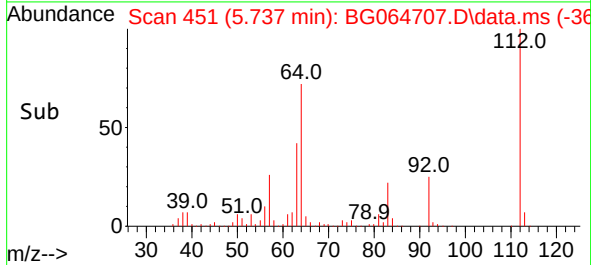
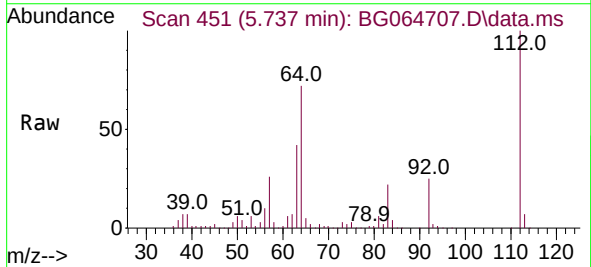
Sig	Exp Ratio
152	100
150	152.8
115	63.5

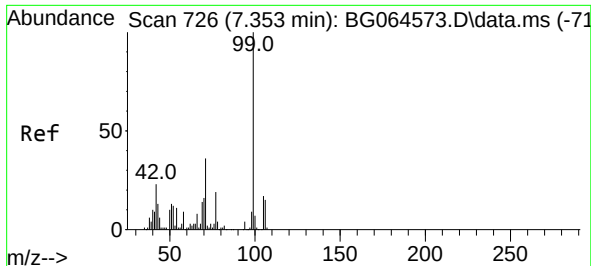


#5
 2-Fluorophenol
 Concen: 0.000 ng
 RT: 5.737 min Scan# 451
 Delta R.T. -0.012 min
 Lab File: BG064707.D
 Acq: 6 Nov 2025 17:50

Tgt Ion: 112 Resp: 242112

Ion	Ratio	Lower	Upper
112	100		
64	72.2	60.7	91.1
63	41.9	33.4	50.0

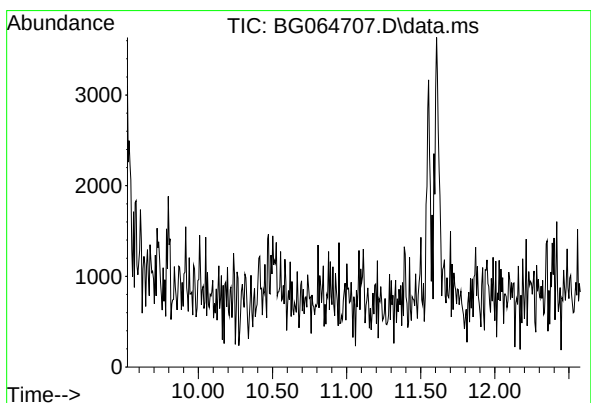
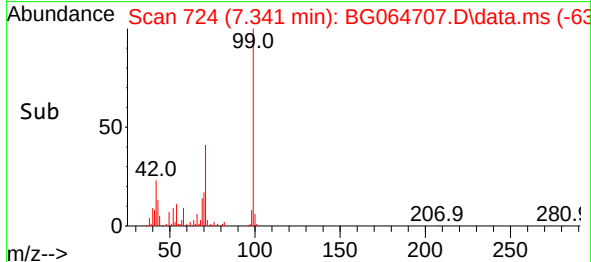
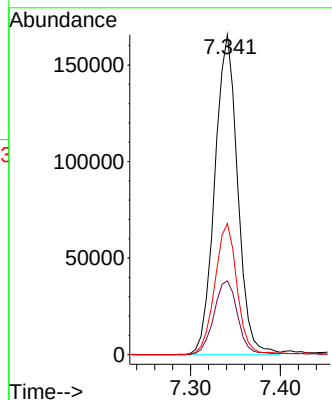
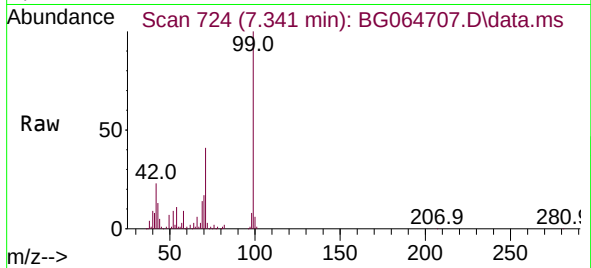




#7
Phenol-d6
Concen: 0.000 ng
RT: 7.341 min Scan# 71
Delta R.T. -0.012 min
Lab File: BG064707.D
Acq: 6 Nov 2025 17:50

Instrument :
BNA_G
ClientSampleId :
MW-17-SOIL

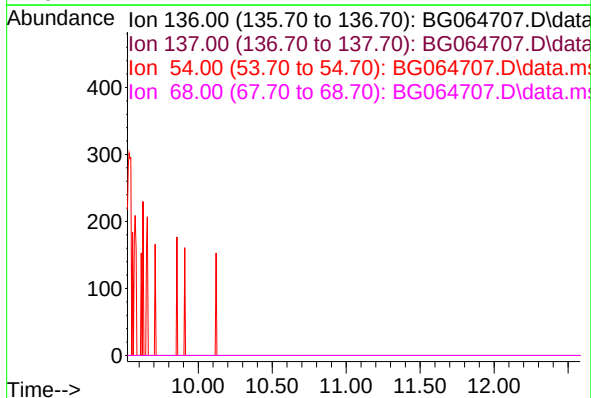
Tgt Ion: 99 Resp: 293231
Ion Ratio Lower Upper
99 100
42 23.0 18.3 27.5
71 41.0 28.6 43.0

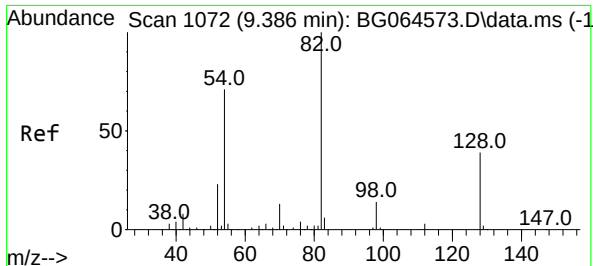


#21
Naphthalene-d8
Concen: 0.000 ng
Expected RT: 11.05 min

Lab File: BG064707.D
Acq: 6 Nov 2025 17:50

Tgt Ion: 136
Sig Exp Ratio
136 100
137 11.5
54 15.8
68 7.1





#23

Nitrobenzene-d5

Concen: 0.000 ng

RT: 9.362 min Scan# 10

Delta R.T. -0.024 min

Lab File: BG064707.D

Acq: 6 Nov 2025 17:50

Instrument :

BNA_G

ClientSampleId :

MW-17-SOIL

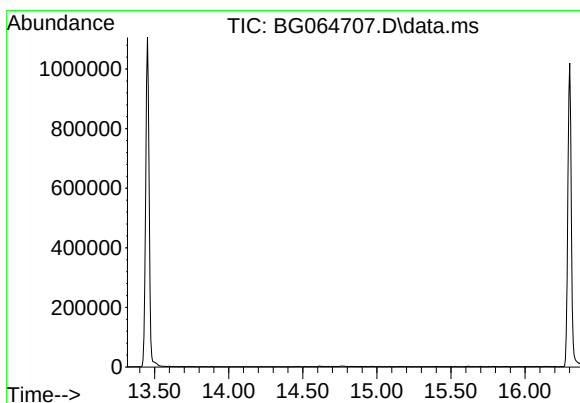
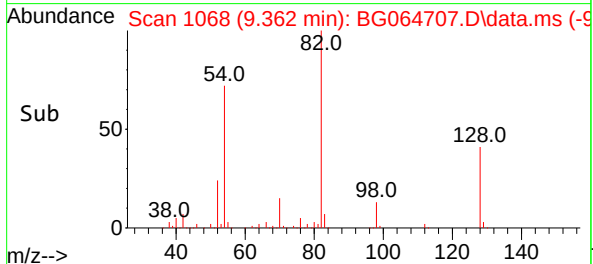
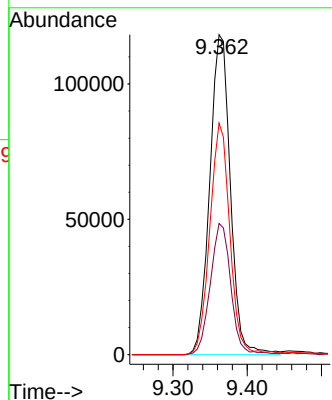
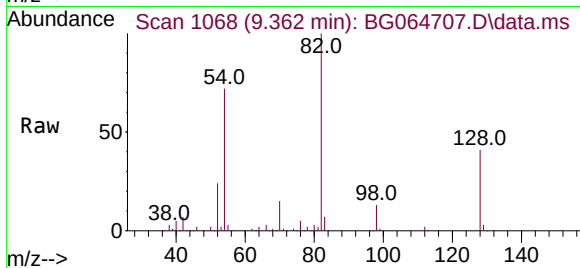
Tgt Ion: 82 Resp: 228197

Ion Ratio Lower Upper

82 100

128 41.0 31.3 46.9

54 72.4 56.6 84.8



#39

Acenaphthene-d10

Concen: 0.000 ng

Expected RT: 14.84 min

Lab File: BG064707.D

Acq: 6 Nov 2025 17:50

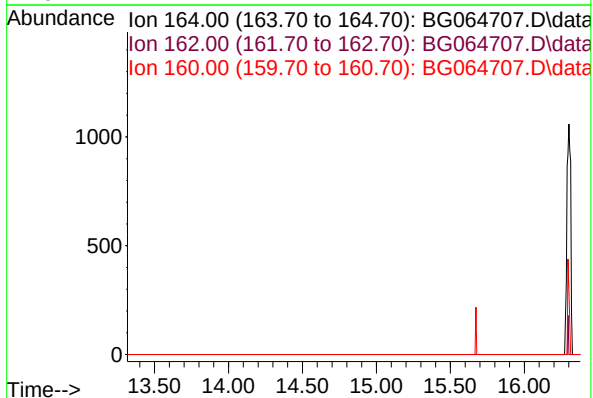
Tgt Ion: 164

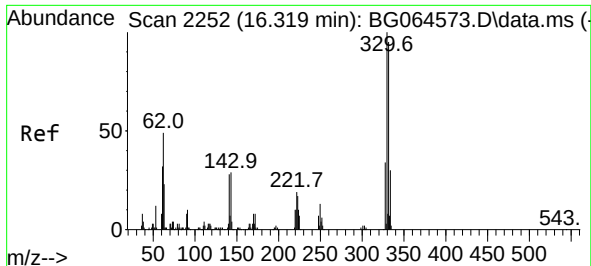
Sig Exp Ratio

164 100

162 96.3

160 43.0

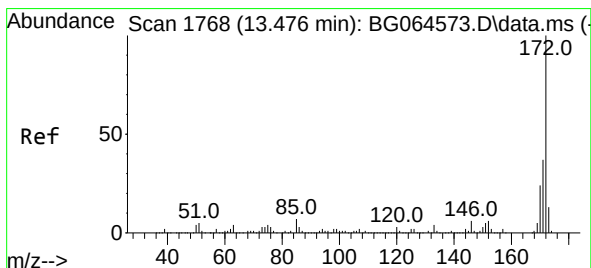
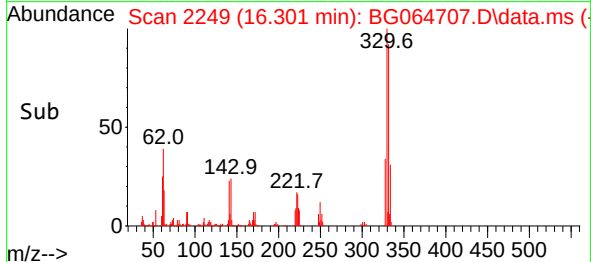
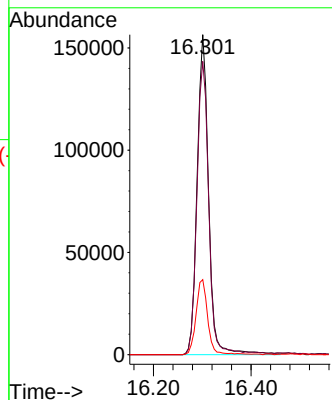
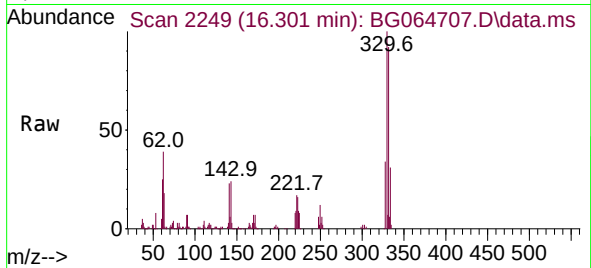




#42
2,4,6-Tribromophenol
Concen: 0.000 ng
RT: 16.301 min Scan# 21
Delta R.T. -0.018 min
Lab File: BG064707.D
Acq: 6 Nov 2025 17:50

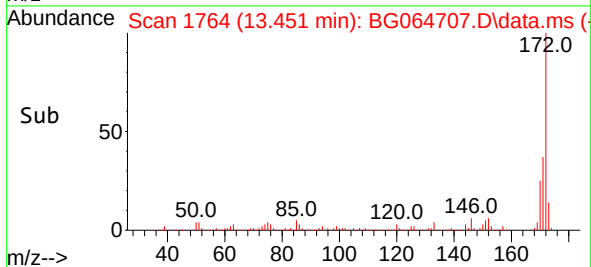
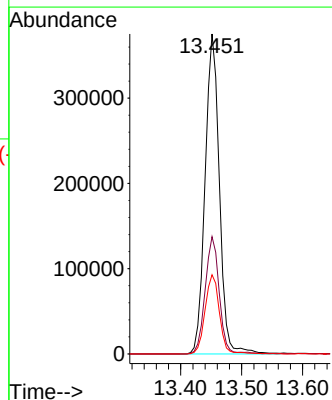
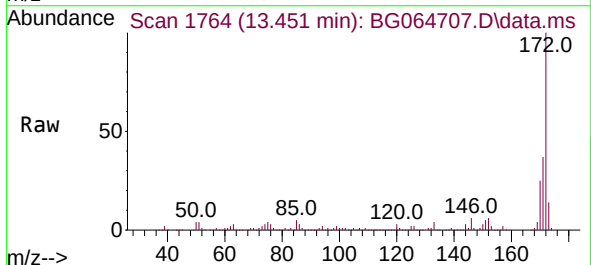
Instrument :
BNA_G
ClientSampleId :
MW-17-SOIL

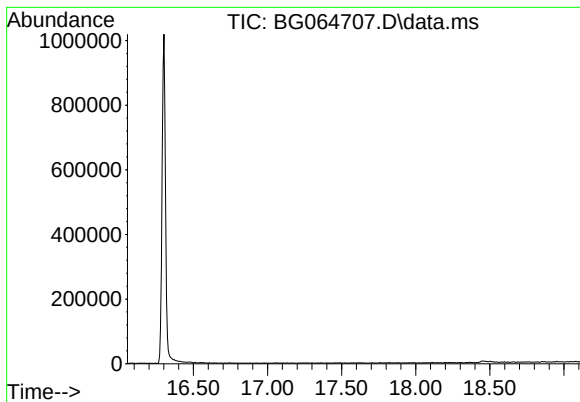
Tgt Ion:330 Resp: 255121
Ion Ratio Lower Upper
330 100
332 94.6 78.0 117.0
141 23.7 21.8 32.6



#45
2-Fluorobiphenyl
Concen: 0.000 ng
RT: 13.451 min Scan# 1764
Delta R.T. -0.024 min
Lab File: BG064707.D
Acq: 6 Nov 2025 17:50

Tgt Ion:172 Resp: 610759
Ion Ratio Lower Upper
172 100
171 36.6 29.4 44.0
170 24.7 19.1 28.7



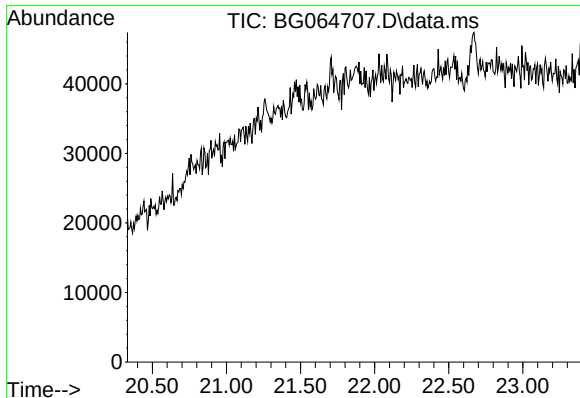
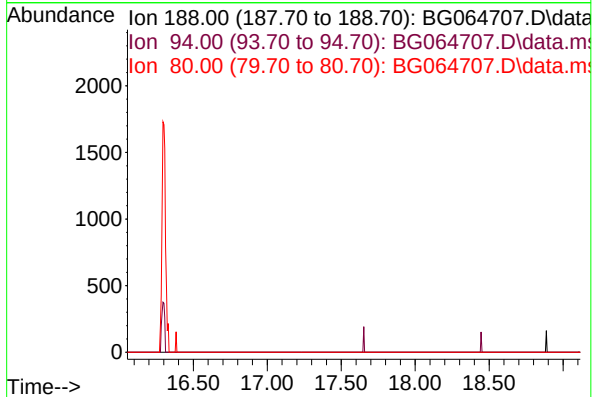


#64
 Phenanthrene-d10
 Concen: 0.000 ng
 Expected RT: 17.58 min
 Lab File: BG064707.D
 Acq: 6 Nov 2025 17:50

Instrument :
 BNA_G
 ClientSampleId :
 MW-17-SOIL

Tgt Ion: 188

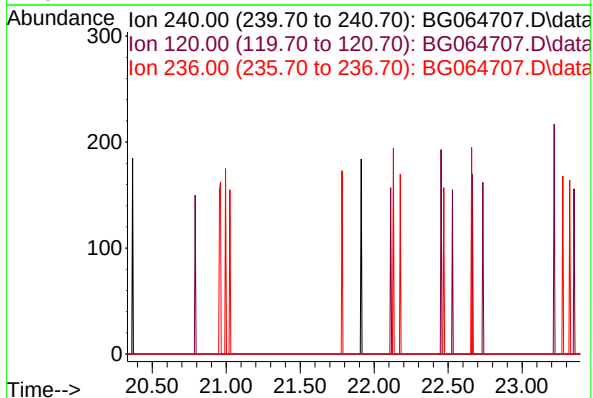
Sig	Exp Ratio
188	100
94	7.1
80	8.5

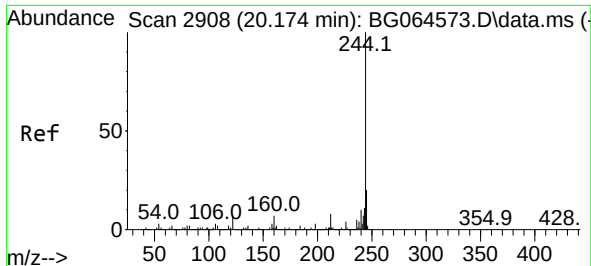


#76
 Chrysene-d12
 Concen: 0.000 ng
 Expected RT: 21.86 min
 Lab File: BG064707.D
 Acq: 6 Nov 2025 17:50

Tgt Ion: 240

Sig	Exp Ratio
240	100
120	8.1
236	25.2

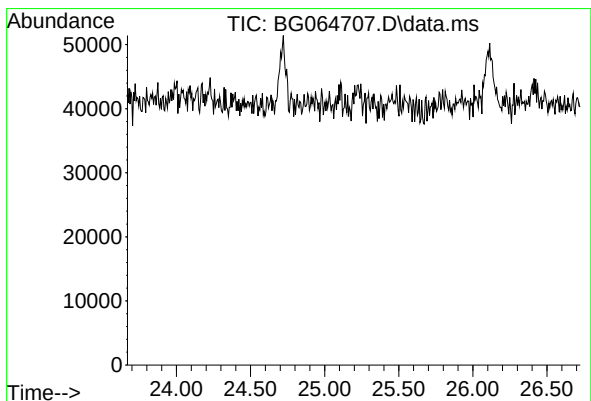
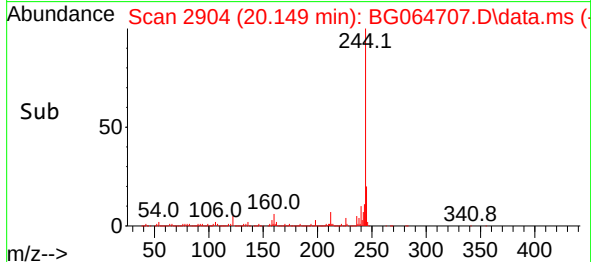
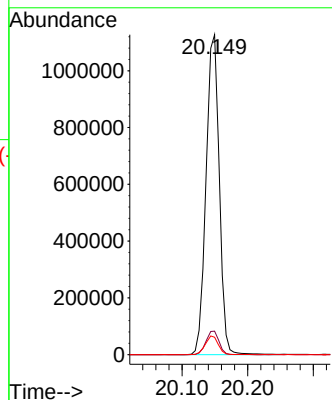
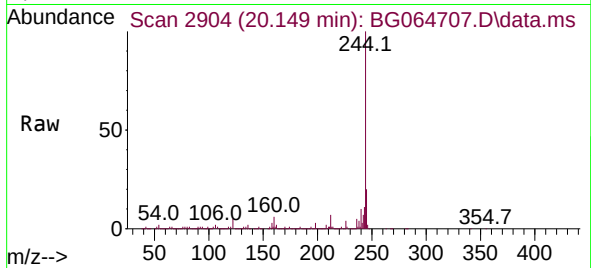




#79
 Terphenyl-d14
 Concen: 0.000 ng
 RT: 20.149 min Scan# 2908
 Delta R.T. -0.024 min
 Lab File: BG064707.D
 Acq: 6 Nov 2025 17:50

Instrument :
 BNA_G
 ClientSampleId :
 MW-17-SOIL

Tgt Ion:244 Resp: 1570238
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 5.4 5.6 8.4#



#86
 Perylene-d12
 Concen: 0.000 ng
 Expected RT: 25.20 min

Lab File: BG064707.D
 Acq: 6 Nov 2025 17:50

Tgt Ion: 264
 Sig Exp Ratio
 264 100
 260 23.7
 265 22.0

