

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050124\
 Data File : BG061072.D
 Acq On : 1 May 2024 11:56
 Operator : MA/JU
 Sample : P2230-01DL 10X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOILD

Quant Time: May 01 12:40:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 05:11:25 2024
 Response via : Initial Calibration

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

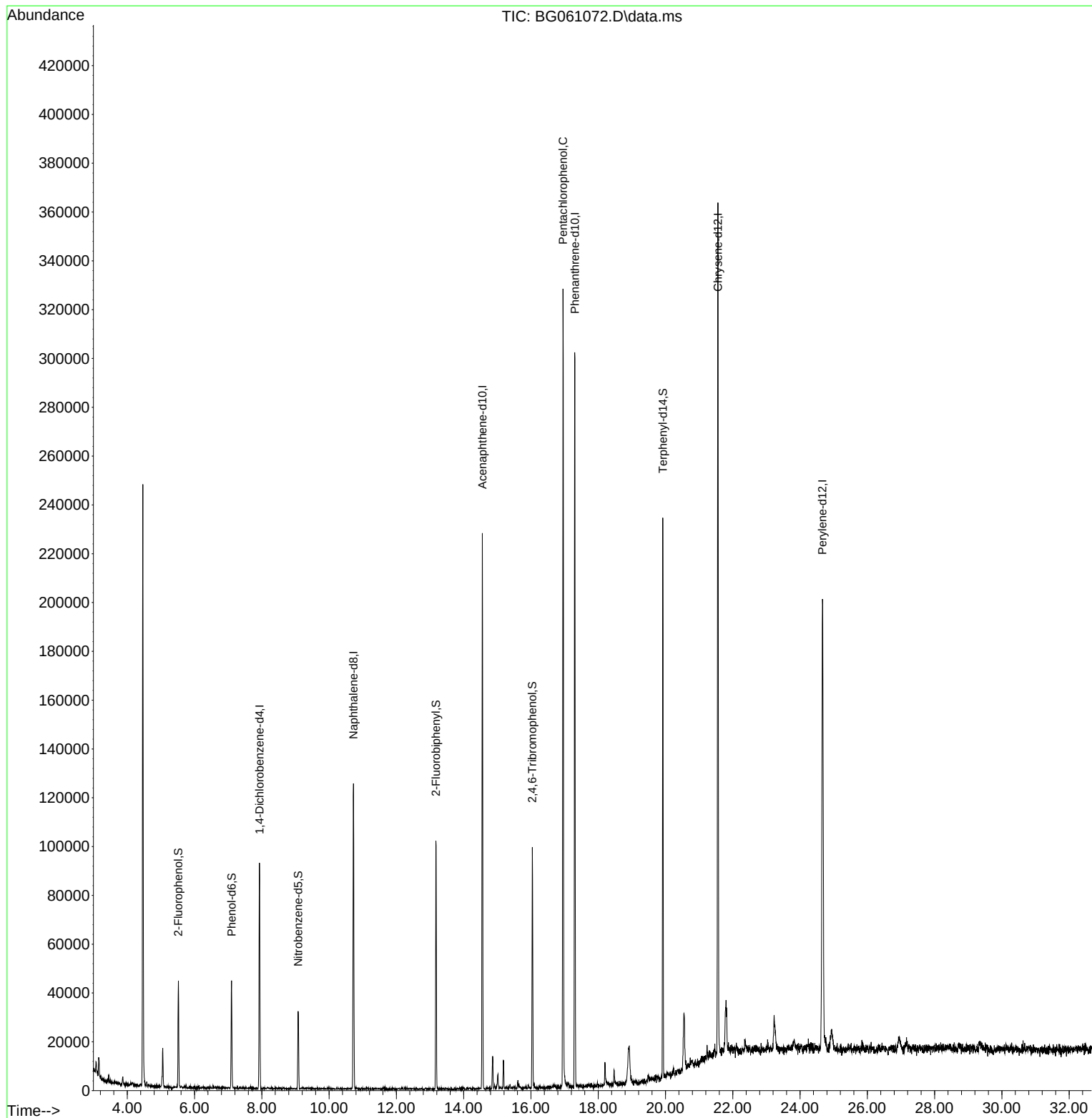
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.935	152	24724	20.000	ng	-0.03
21) Naphthalene-d8	10.726	136	97957	20.000	ng	#-0.03
39) Acenaphthene-d10	14.557	164	80073	20.000	ng	-0.03
64) Phenanthrene-d10	17.306	188	200137	20.000	ng	#-0.03
76) Chrysene-d12	21.560	240	211503	20.000	ng	-0.03
86) Perylene-d12	24.668	264	216445	20.000	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.520	112	15442	12.702	ng	-0.03
7) Phenol-d6	7.101	99	19095	10.618	ng	-0.03
23) Nitrobenzene-d5	9.081	82	15975	8.084	ng	-0.04
42) 2,4,6-Tribromophenol	16.043	330	21107	13.188	ng	-0.03
45) 2-Fluorobiphenyl	13.176	172	52035	9.609	ng	-0.03
79) Terphenyl-d14	19.921	244	113068	8.891	ng	-0.03
Target Compounds						Qvalue
70) Pentachlorophenol	16.954	266	68382	37.931	ng	94

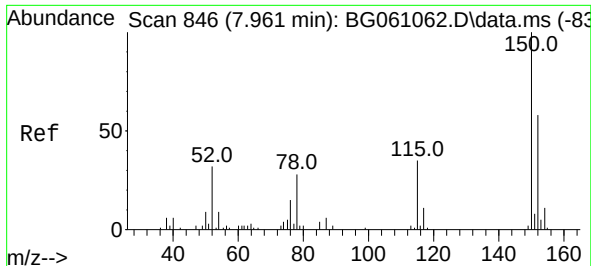
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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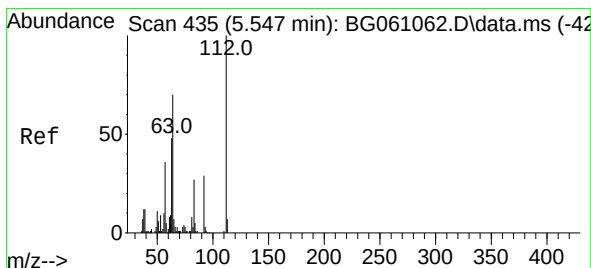
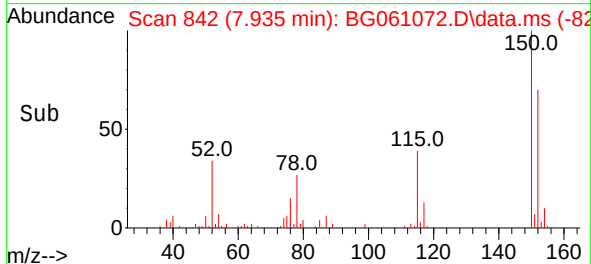
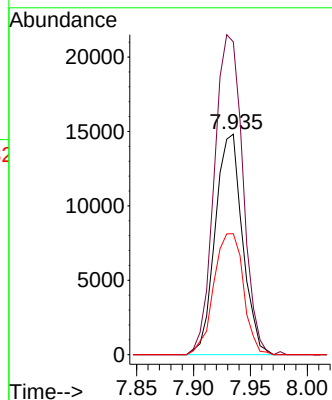
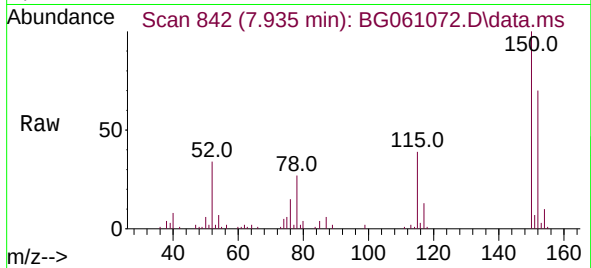




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.935 min Scan# 846
Delta R.T. -0.026 min
Lab File: BG061072.D
Acq: 1 May 2024 11:56

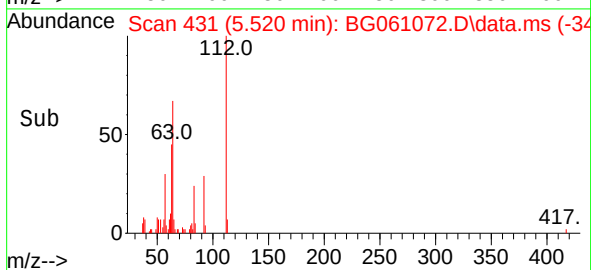
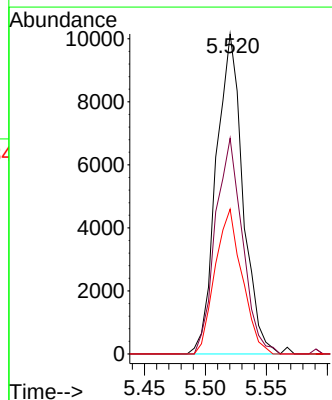
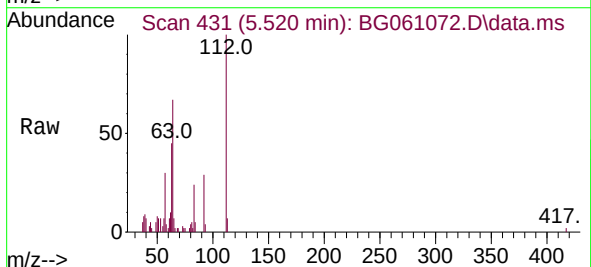
Instrument :
BNA_G
ClientSampleId :
SOILD

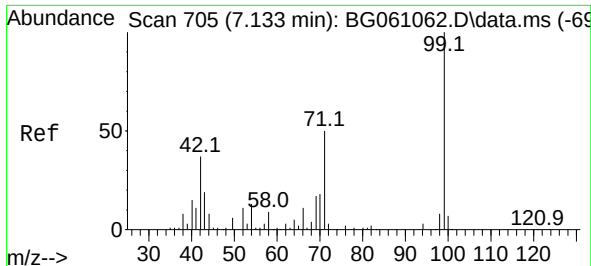
Tgt Ion:152 Resp: 24724
Ion Ratio Lower Upper
152 100
150 141.9 138.3 207.5
115 54.8 48.0 72.0



#5
2-Fluorophenol
Concen: 12.702 ng
RT: 5.520 min Scan# 431
Delta R.T. -0.026 min
Lab File: BG061072.D
Acq: 1 May 2024 11:56

Tgt Ion:112 Resp: 15442
Ion Ratio Lower Upper
112 100
64 67.4 55.7 83.5
63 45.2 38.1 57.1

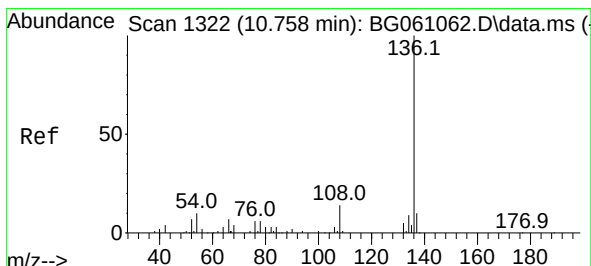
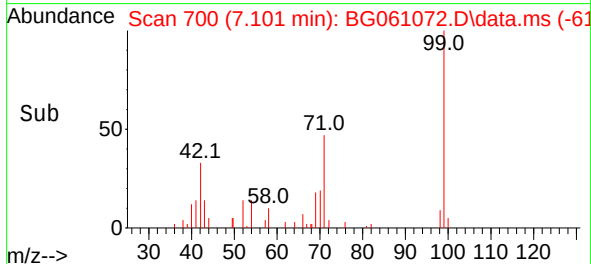
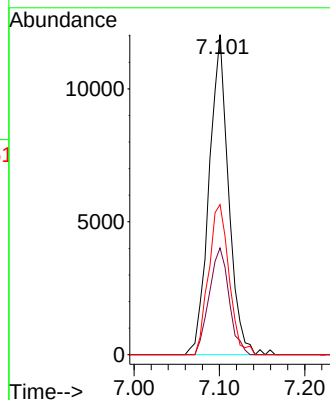
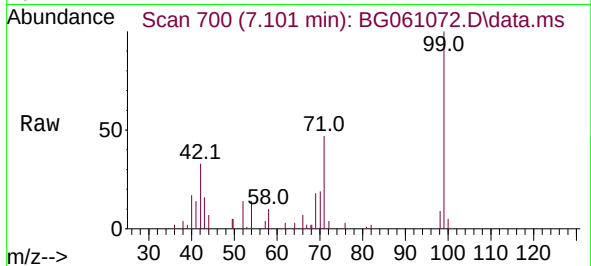




#7
Phenol-d6
Concen: 10.618 ng
RT: 7.101 min Scan# 705
Delta R.T. -0.032 min
Lab File: BG061072.D
Acq: 1 May 2024 11:56

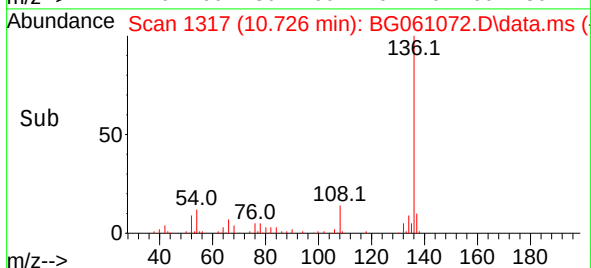
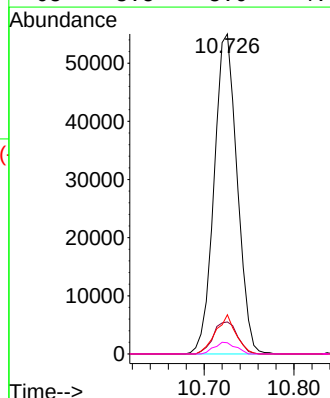
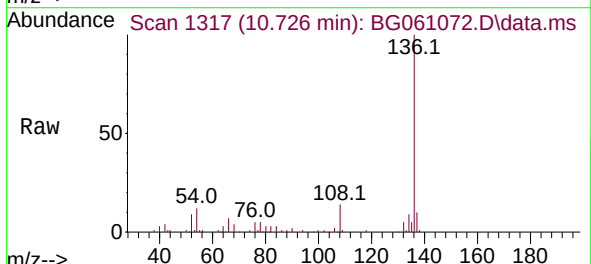
Instrument :
BNA_G
ClientSampleId :
SOILD

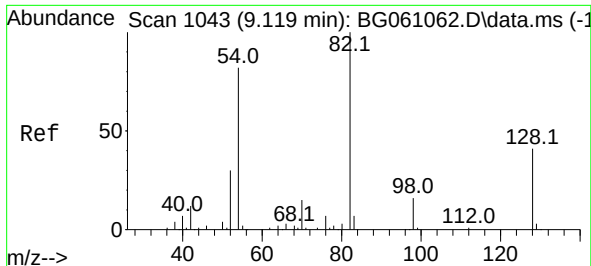
Tgt Ion: 99 Resp: 19095
Ion Ratio Lower Upper
99 100
42 33.3 29.2 43.8
71 46.9 39.7 59.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.726 min Scan# 1317
Delta R.T. -0.032 min
Lab File: BG061072.D
Acq: 1 May 2024 11:56

Tgt Ion:136 Resp: 97957
Ion Ratio Lower Upper
136 100
137 10.0 7.8 11.6
54 12.3 8.1 12.1#
68 3.5 3.0 4.4

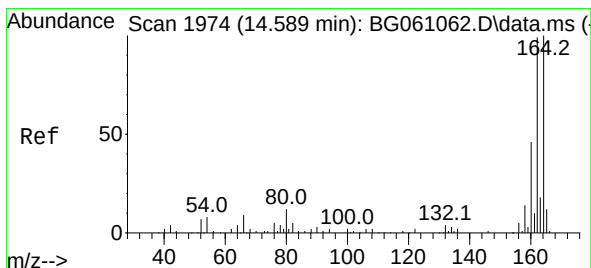
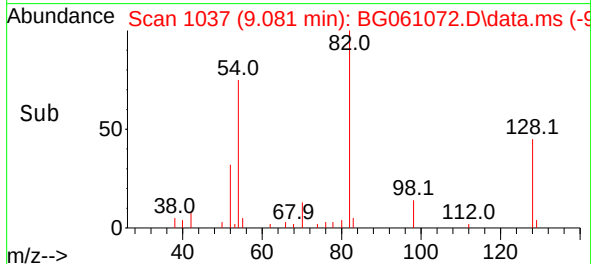
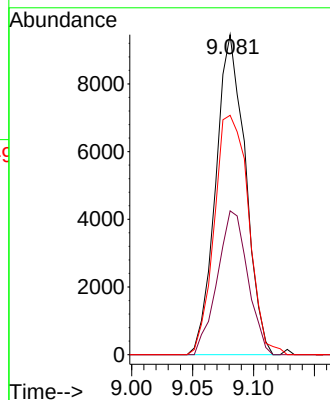
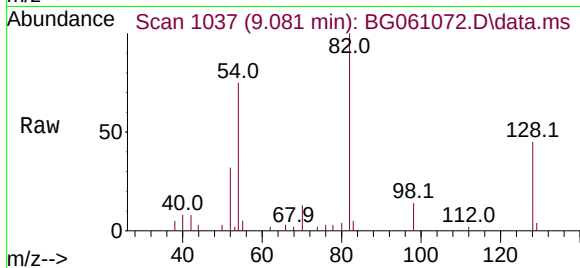




#23
Nitrobenzene-d5
Concen: 8.084 ng
RT: 9.081 min Scan# 1043
Delta R.T. -0.038 min
Lab File: BG061072.D
Acq: 1 May 2024 11:56

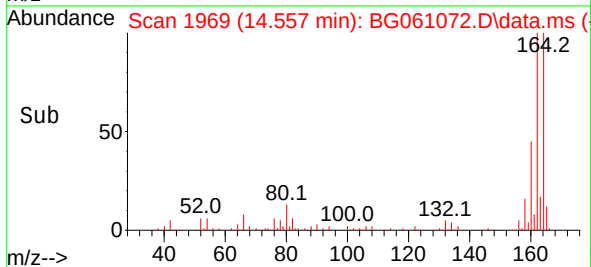
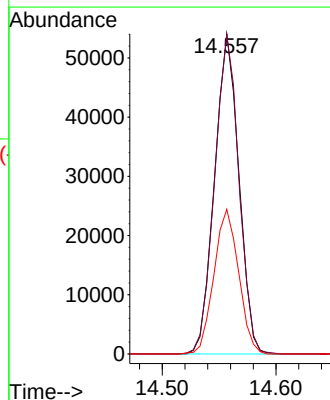
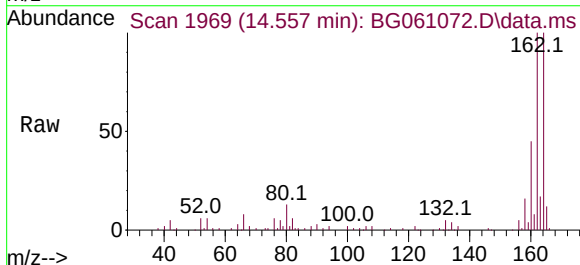
Instrument :
BNA_G
ClientSampleId :
SOILD

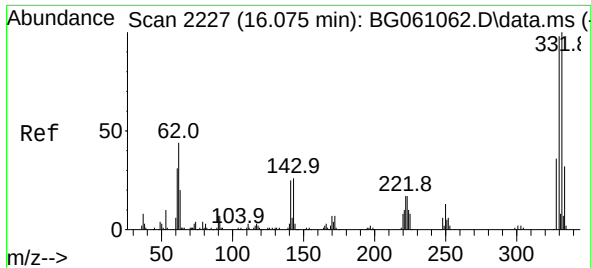
Tgt Ion: 82 Resp: 15975
Ion Ratio Lower Upper
82 100
128 44.9 32.7 49.1
54 74.8 65.6 98.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.557 min Scan# 1969
Delta R.T. -0.032 min
Lab File: BG061072.D
Acq: 1 May 2024 11:56

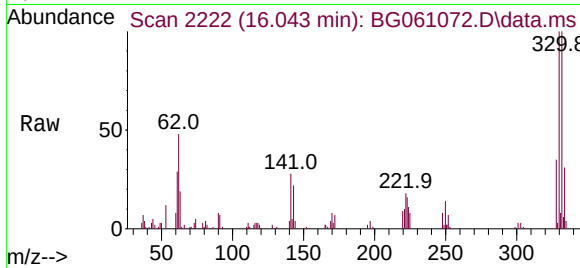
Tgt Ion: 164 Resp: 80073
Ion Ratio Lower Upper
164 100
162 99.8 79.4 119.2
160 45.2 37.0 55.6



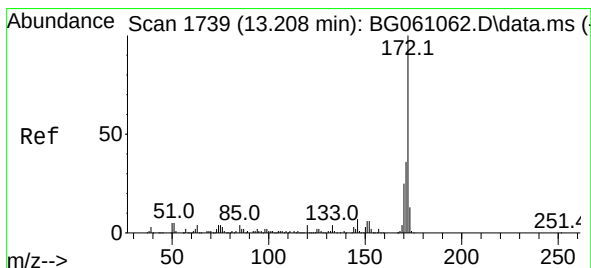
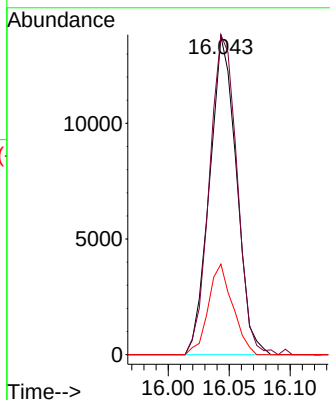
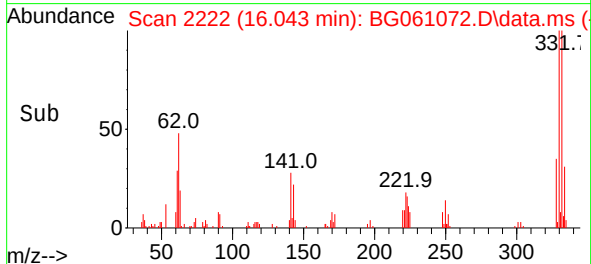


#42
2,4,6-Tribromophenol
Concen: 13.188 ng
RT: 16.043 min Scan# 21107
Delta R.T. -0.032 min
Lab File: BG061072.D
Acq: 1 May 2024 11:56

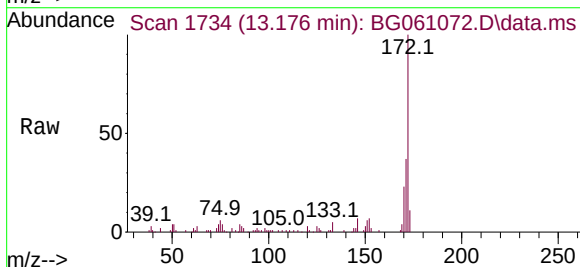
Instrument :
BNA_G
ClientSampleId :
SOILD



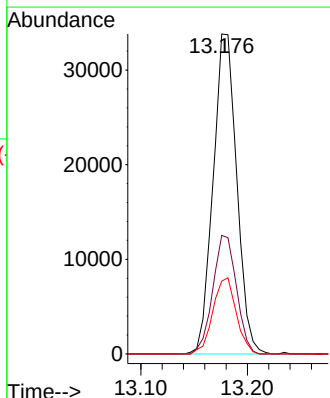
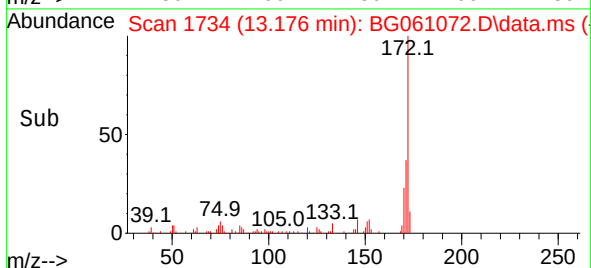
Tgt Ion:330 Resp: 21107
Ion Ratio Lower Upper
330 100
332 102.8 78.6 117.8
141 25.8 20.5 30.7

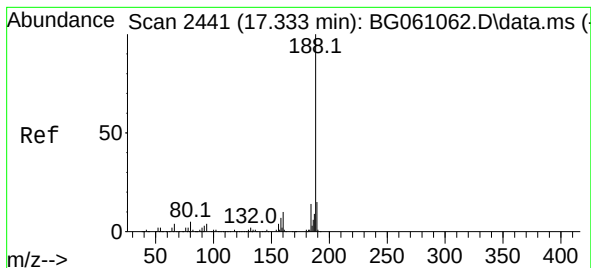


#45
2-Fluorobiphenyl
Concen: 9.609 ng
RT: 13.176 min Scan# 1734
Delta R.T. -0.032 min
Lab File: BG061072.D
Acq: 1 May 2024 11:56



Tgt Ion:172 Resp: 52035
Ion Ratio Lower Upper
172 100
171 37.0 29.0 43.6
170 22.7 20.2 30.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.306 min Scan# 2441

Delta R.T. -0.026 min

Lab File: BG061072.D

Acq: 1 May 2024 11:56

Instrument :

BNA_G

ClientSampleId :

SOILDL

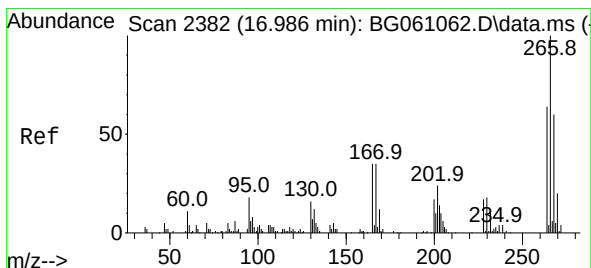
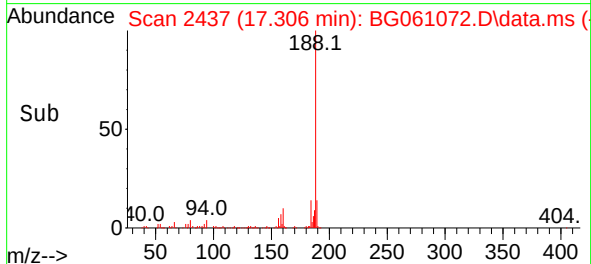
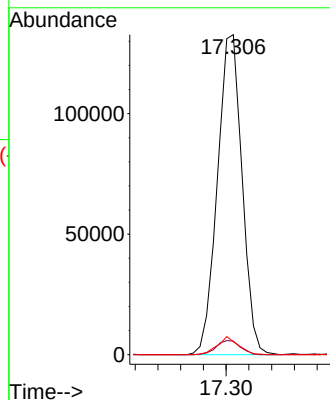
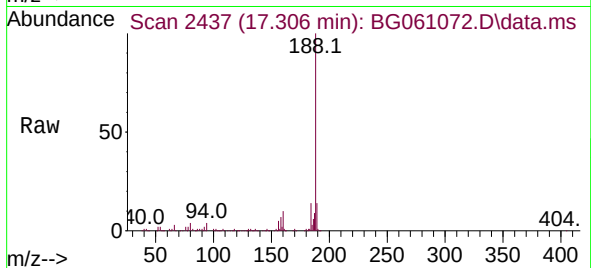
Tgt Ion:188 Resp: 200137

Ion Ratio Lower Upper

188 100

94 4.2 3.6 5.4

80 4.0 4.2 6.2#



#70

Pentachlorophenol

Concen: 37.931 ng

RT: 16.954 min Scan# 2377

Delta R.T. -0.032 min

Lab File: BG061072.D

Acq: 1 May 2024 11:56

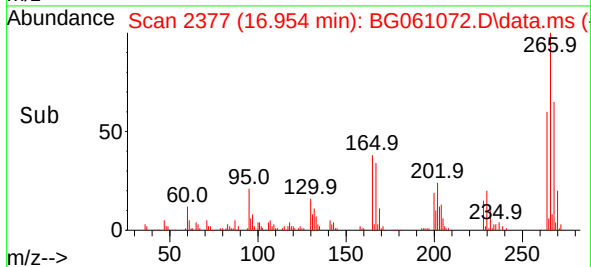
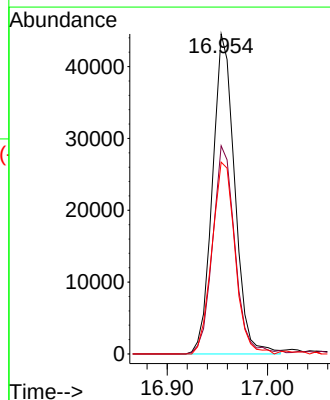
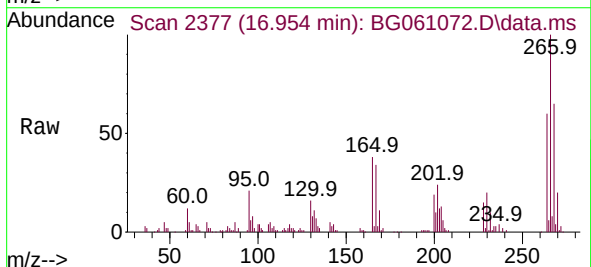
Tgt Ion:266 Resp: 68382

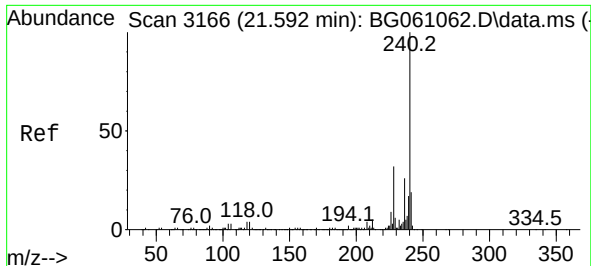
Ion Ratio Lower Upper

266 100

268 65.1 47.8 71.8

264 60.0 51.5 77.3

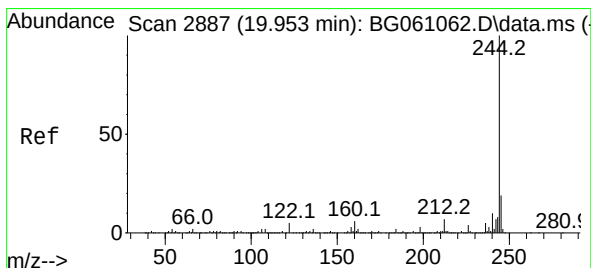
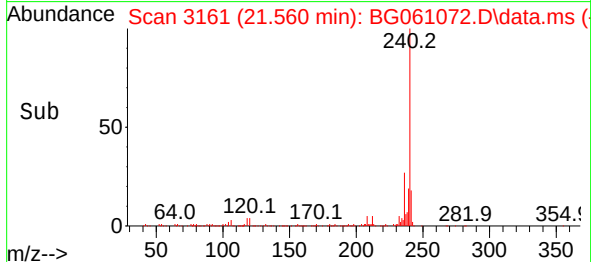
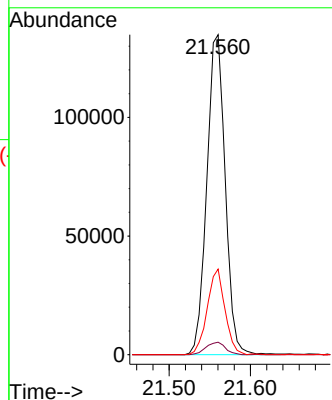
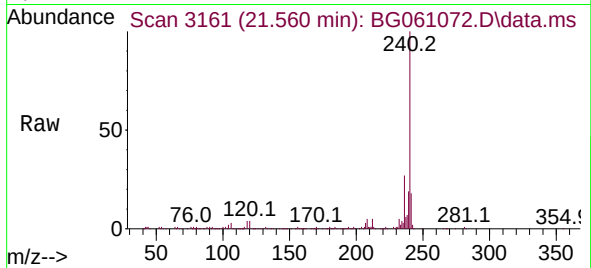




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.560 min Scan# 3161
Delta R.T. -0.032 min
Lab File: BG061072.D
Acq: 1 May 2024 11:56

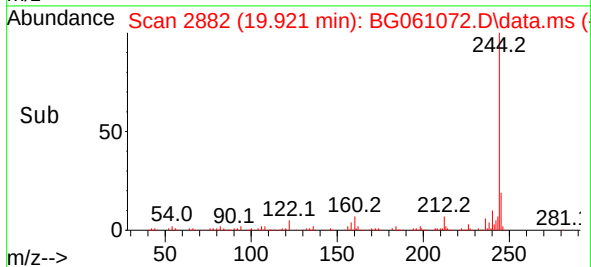
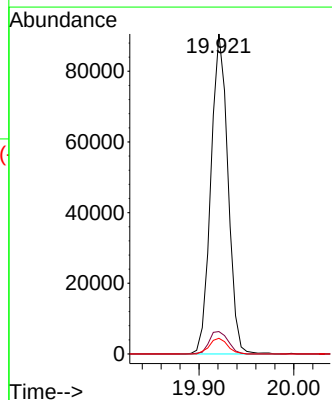
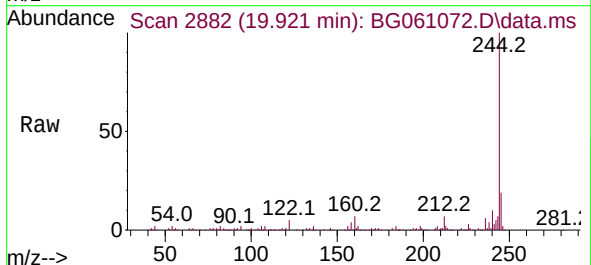
Instrument :
BNA_G
ClientSampleId :
SOILDL

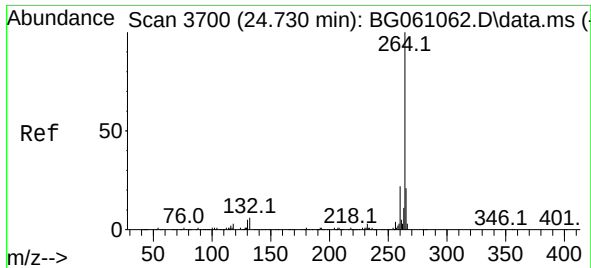
Tgt Ion:240 Resp: 211503
Ion Ratio Lower Upper
240 100
120 3.9 3.2 4.8
236 26.8 21.0 31.6



#79
Terphenyl-d14
Concen: 8.891 ng
RT: 19.921 min Scan# 2882
Delta R.T. -0.032 min
Lab File: BG061072.D
Acq: 1 May 2024 11:56

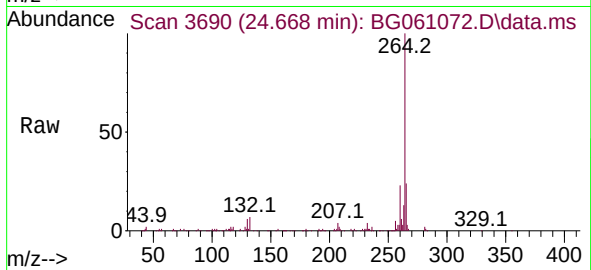
Tgt Ion:244 Resp: 113068
Ion Ratio Lower Upper
244 100
212 7.0 5.7 8.5
122 4.9 4.2 6.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.668 min Scan# 3
Delta R.T. -0.062 min
Lab File: BG061072.D
Acq: 1 May 2024 11:56

Instrument :
BNA_G
ClientSampleId :
SOILD



Tgt Ion:264 Resp: 216445

Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.7	26.5
265	24.1	16.4	24.6

