

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112423\
 Data File : BG059861.D
 Acq On : 24 Nov 2023 16:33
 Operator : MA/JU
 Sample : 05418-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 STONE-1

Quant Time: Nov 24 19:23:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 24 15:11:07 2023
 Response via : Initial Calibration

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

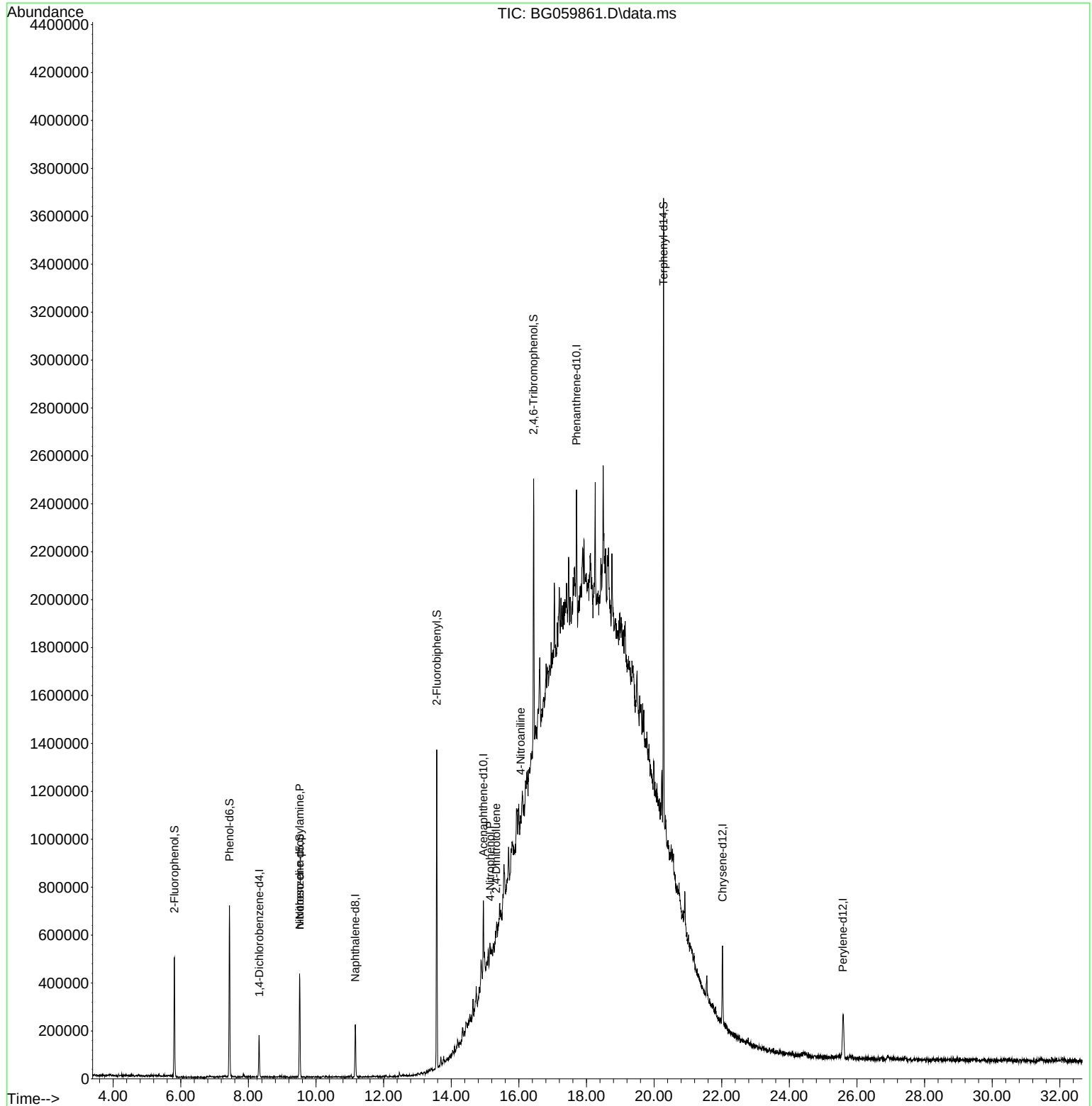
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.323	152	35379	20.000	ng	0.00
21) Naphthalene-d8	11.161	136	156183	20.000	ng	# 0.00
39) Acenaphthene-d10	14.950	164	111368	20.000	ng	0.00
64) Phenanthrene-d10	17.706	188	225725	20.000	ng	# 0.00
76) Chrysene-d12	22.024	240	183904	20.000	ng	0.00
86) Perylene-d12	25.585	264	221212	20.000	ng	#-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.814	112	182095	86.631	ng	0.00
7) Phenol-d6	7.441	99	309536	99.372	ng	0.00
23) Nitrobenzene-d5	9.516	82	259850	63.542	ng	0.00
42) 2,4,6-Tribromophenol	16.437	330	133511	105.659	ng	0.00
45) 2-Fluorobiphenyl	13.570	172	576410	69.668	ng	0.00
79) Terphenyl-d14	20.279	244	994137	79.802	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.516	70	46352	18.896	ng	# 79
56) 4-Nitrophenol	15.150	139	2990	2.039	ng	# 1
57) 2,4-Dinitrotoluene	15.326	165	6949	2.760	ng	# 15
62) 4-Nitroaniline	16.055	138	5698	2.967	ng	# 35

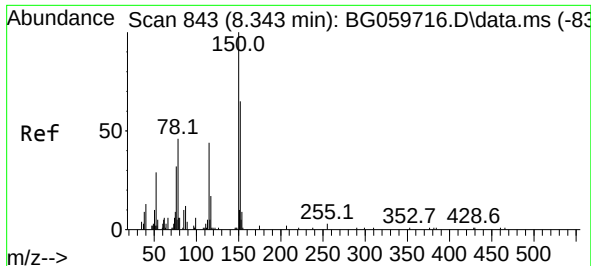
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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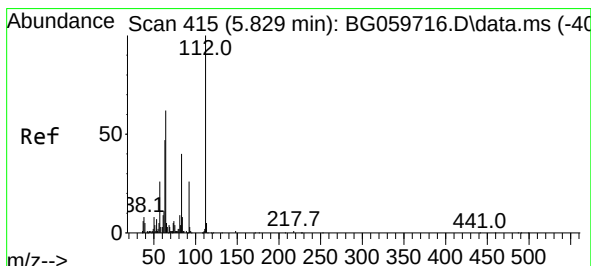
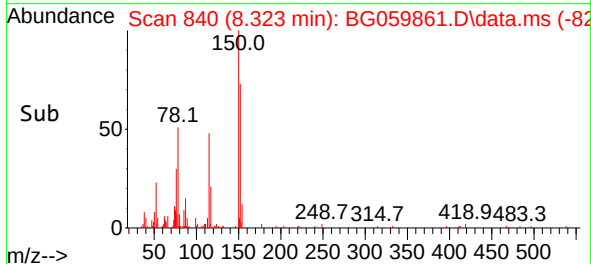
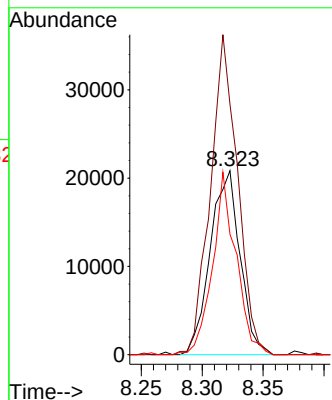
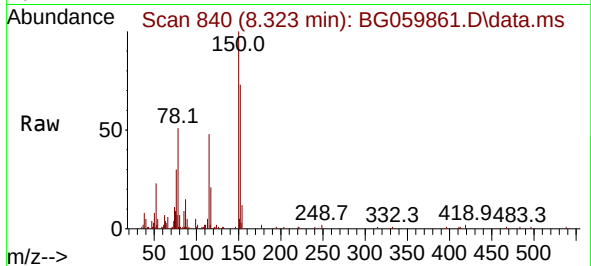




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.323 min Scan# 84
Delta R.T. 0.008 min
Lab File: BG059861.D
Acq: 24 Nov 2023 16:33

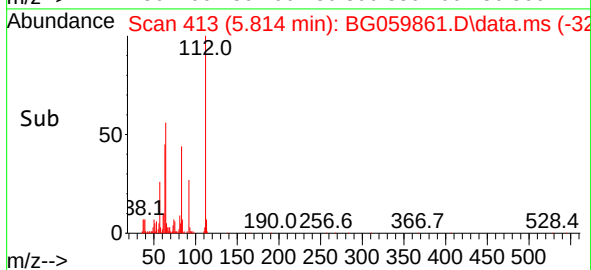
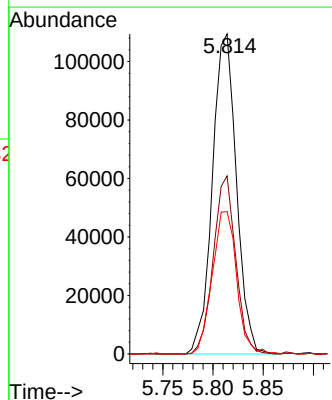
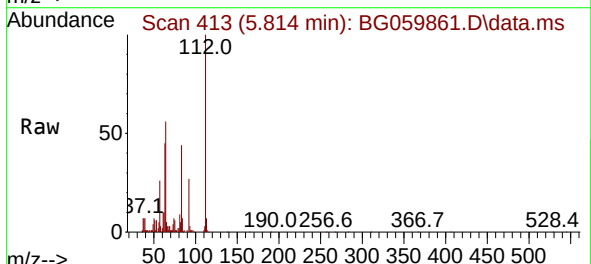
Instrument :
BNA_G
ClientSampleId :
STONE-1

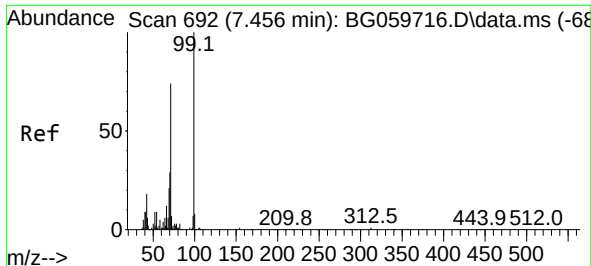
Tgt Ion:152 Resp: 35379
Ion Ratio Lower Upper
152 100
150 136.2 122.2 183.4
115 65.5 54.2 81.4



#5
2-Fluorophenol
Concen: 86.631 ng
RT: 5.814 min Scan# 413
Delta R.T. 0.002 min
Lab File: BG059861.D
Acq: 24 Nov 2023 16:33

Tgt Ion:112 Resp: 182095
Ion Ratio Lower Upper
112 100
64 55.6 49.5 74.3
63 44.5 37.4 56.2

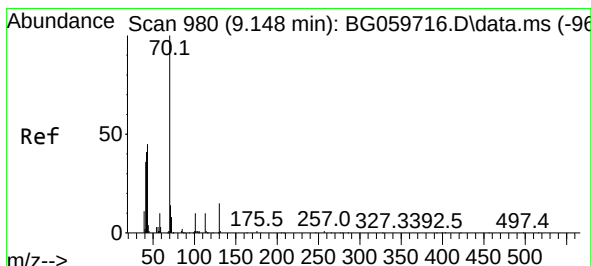
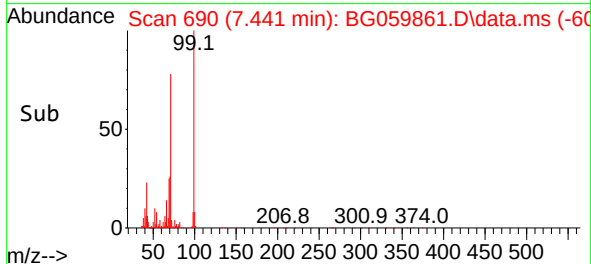
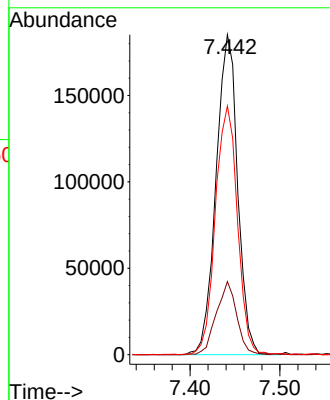
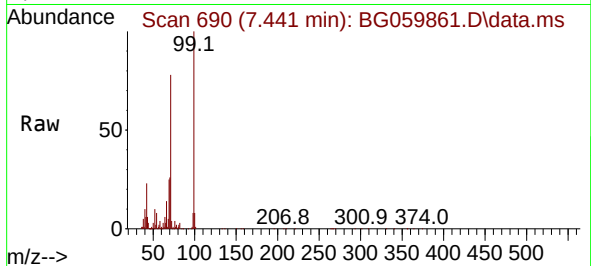




#7
Phenol-d6
Concen: 99.372 ng
RT: 7.441 min Scan# 692
Delta R.T. -0.004 min
Lab File: BG059861.D
Acq: 24 Nov 2023 16:33

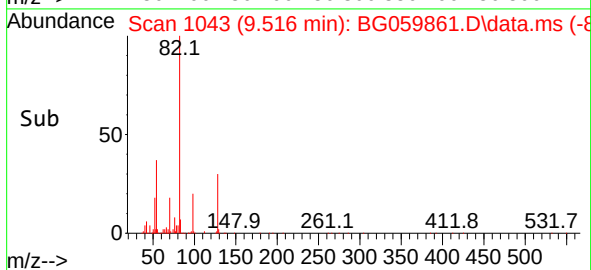
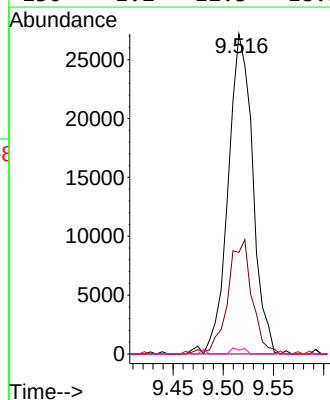
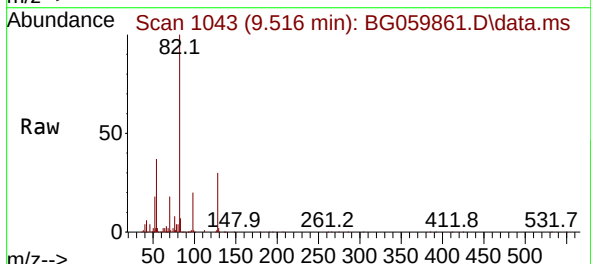
Instrument :
BNA_G
ClientSampleId :
STONE-1

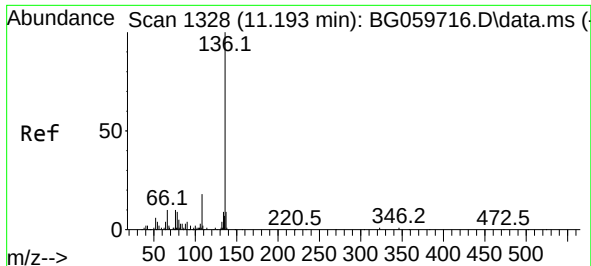
Tgt Ion: 99 Resp: 309536
Ion Ratio Lower Upper
99 100
42 22.8 14.3 21.5#
71 77.7 59.3 88.9



#19
n-Nitroso-di-n-propylamine
Concen: 18.896 ng
RT: 9.516 min Scan# 1043
Delta R.T. 0.384 min
Lab File: BG059861.D
Acq: 24 Nov 2023 16:33

Tgt Ion: 70 Resp: 46352
Ion Ratio Lower Upper
70 100
42 31.7 32.8 49.2#
101 0.0 7.7 11.5#
130 1.2 12.3 18.5#

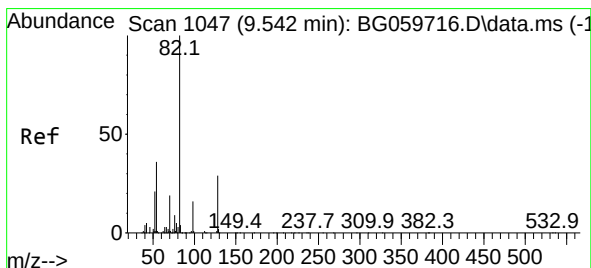
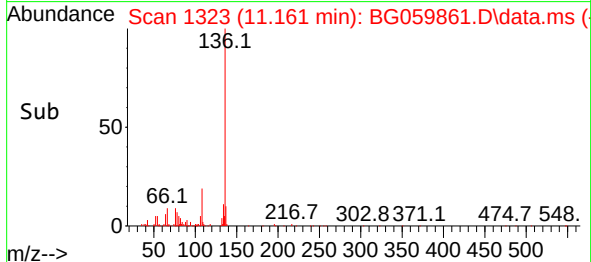
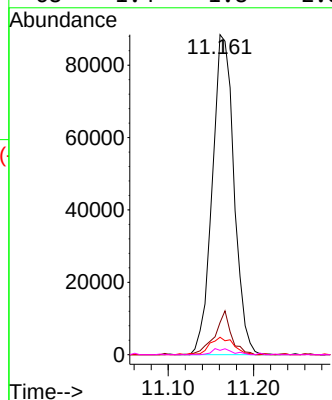
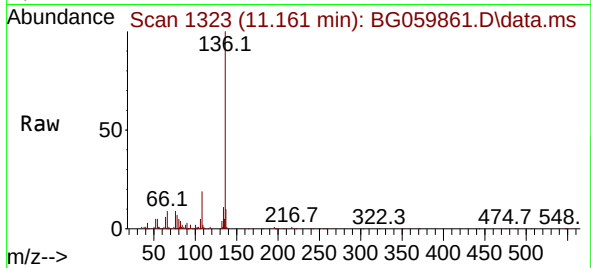




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.161 min Scan# 111
Delta R.T. -0.009 min
Lab File: BG059861.D
Acq: 24 Nov 2023 16:33

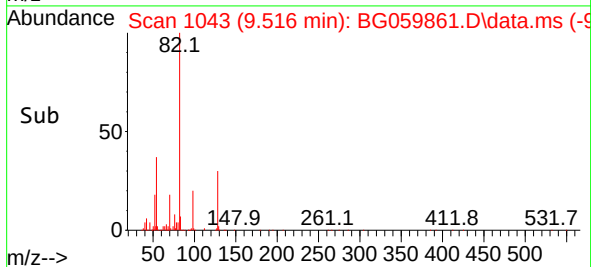
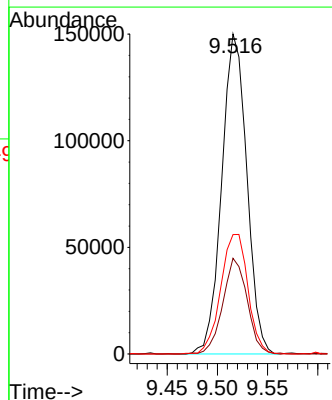
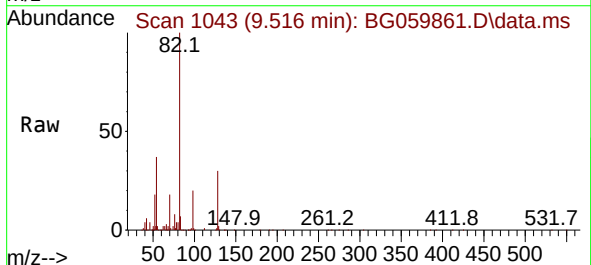
Instrument :
BNA_G
ClientSampleId :
STONE-1

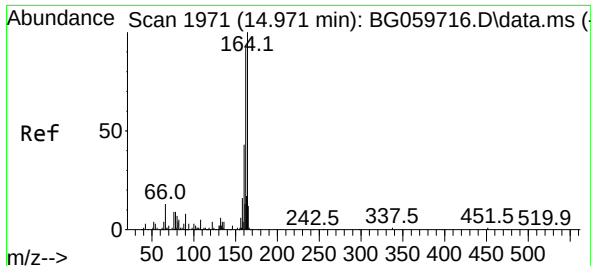
Tgt Ion:136 Resp: 156183
Ion Ratio Lower Upper
136 100
137 10.1 7.4 11.0
54 5.4 3.1 4.7#
68 1.4 1.8 2.8#



#23
Nitrobenzene-d5
Concen: 63.542 ng
RT: 9.516 min Scan# 1043
Delta R.T. -0.009 min
Lab File: BG059861.D
Acq: 24 Nov 2023 16:33

Tgt Ion: 82 Resp: 259850
Ion Ratio Lower Upper
82 100
128 29.9 23.0 34.6
54 37.3 28.7 43.1

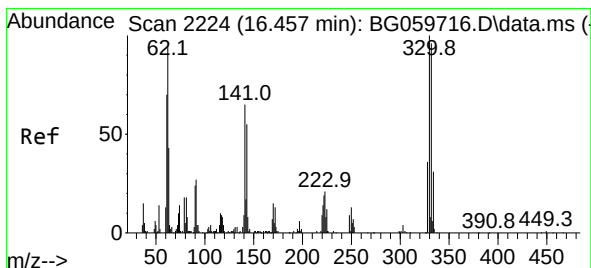
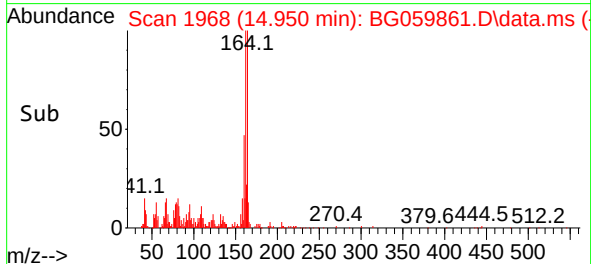
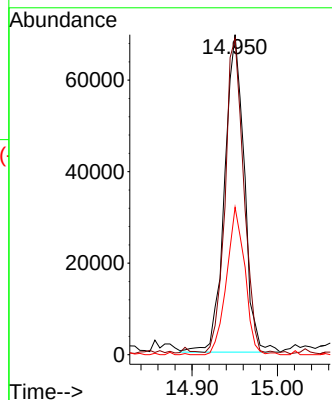
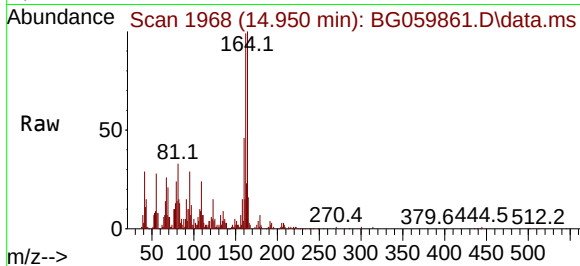




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.950 min Scan# 1968
Delta R.T. -0.004 min
Lab File: BG059861.D
Acq: 24 Nov 2023 16:33

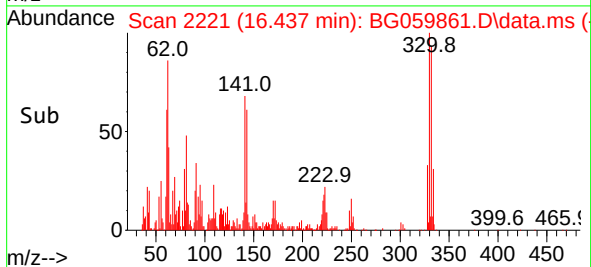
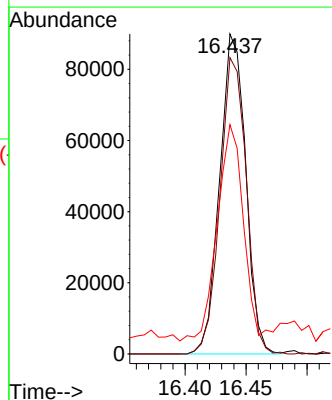
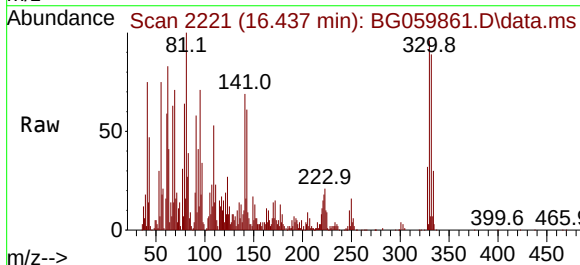
Instrument :
BNA_G
ClientSampleId :
STONE-1

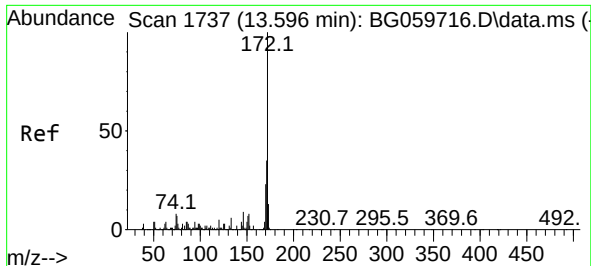
Tgt Ion:164 Resp: 111368
Ion Ratio Lower Upper
164 100
162 98.8 73.3 109.9
160 46.1 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 105.659 ng
RT: 16.437 min Scan# 2221
Delta R.T. -0.004 min
Lab File: BG059861.D
Acq: 24 Nov 2023 16:33

Tgt Ion:330 Resp: 133511
Ion Ratio Lower Upper
330 100
332 93.4 73.3 109.9
141 69.6 52.1 78.1

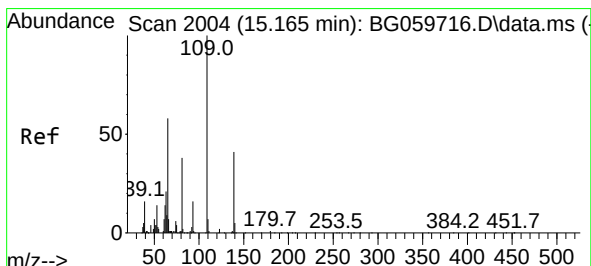
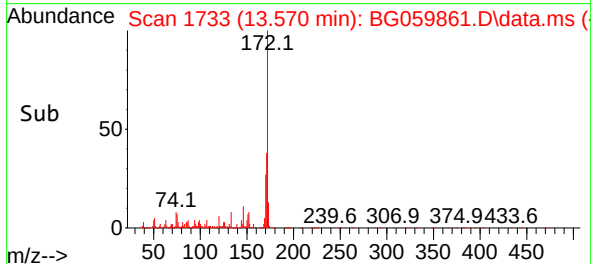
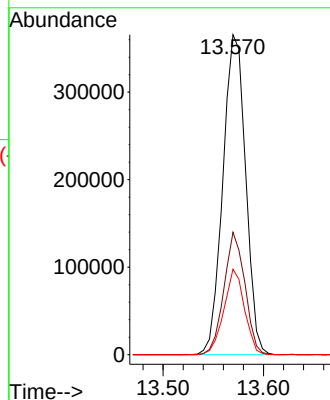
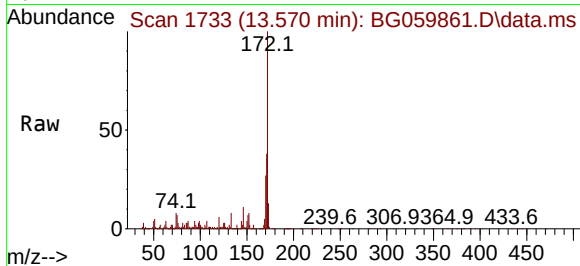




#45
2-Fluorobiphenyl
Concen: 69.668 ng
RT: 13.570 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG059861.D
Acq: 24 Nov 2023 16:33

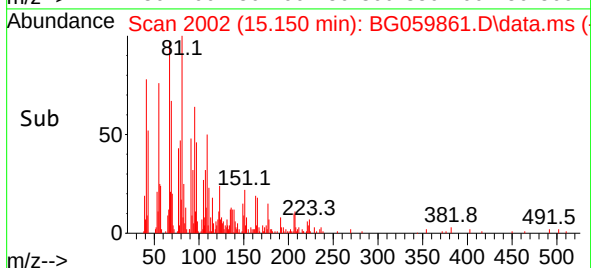
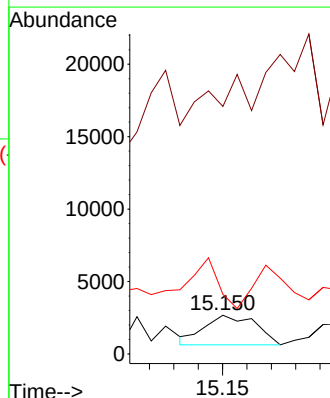
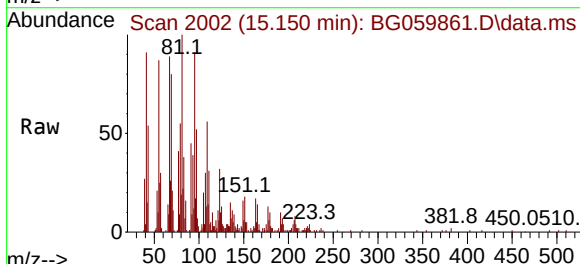
Instrument :
BNA_G
ClientSampleId :
STONE-1

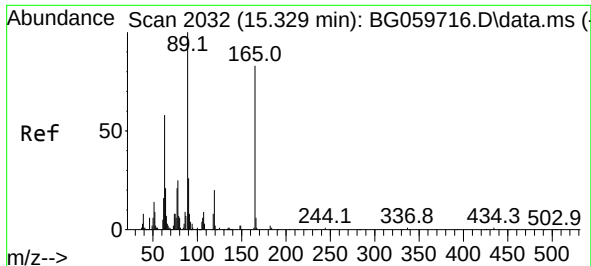
Tgt Ion:172 Resp: 576410
Ion Ratio Lower Upper
172 100
171 38.3 27.7 41.5
170 26.7 18.4 27.6



#56
4-Nitrophenol
Concen: 2.039 ng
RT: 15.150 min Scan# 2002
Delta R.T. -0.009 min
Lab File: BG059861.D
Acq: 24 Nov 2023 16:33

Tgt Ion:139 Resp: 2990
Ion Ratio Lower Upper
139 100
109 640.5 223.4 263.4#
65 154.3 120.6 160.6





#57

2,4-Dinitrotoluene

Concen: 2.760 ng

RT: 15.326 min Scan# 2032

Delta R.T. 0.002 min

Lab File: BG059861.D

Acq: 24 Nov 2023 16:33

Instrument :

BNA_G

ClientSampleId :

STONE-1

Tgt Ion:165 Resp: 6949

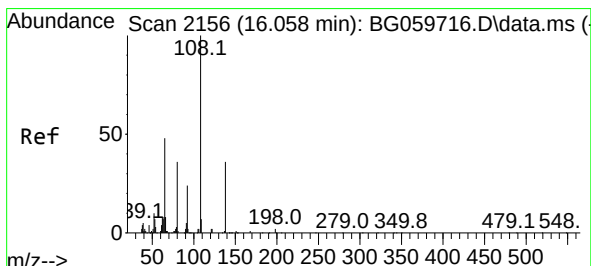
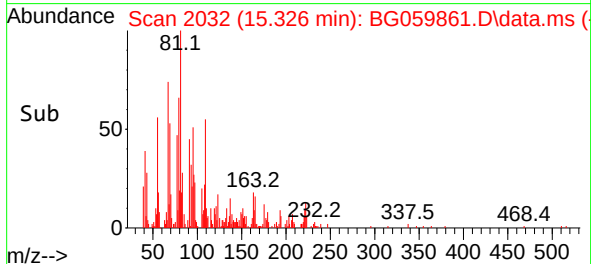
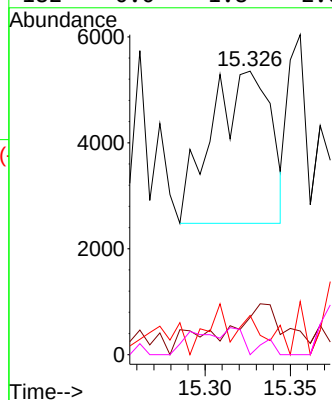
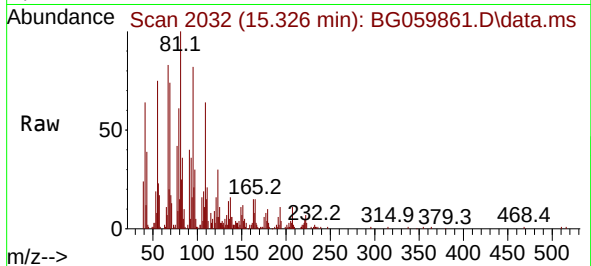
Ion Ratio Lower Upper

165 100

63 13.1 55.8 83.8#

89 13.8 96.9 145.3#

182 0.0 1.8 2.6#



#62

4-Nitroaniline

Concen: 2.967 ng

RT: 16.055 min Scan# 2156

Delta R.T. 0.008 min

Lab File: BG059861.D

Acq: 24 Nov 2023 16:33

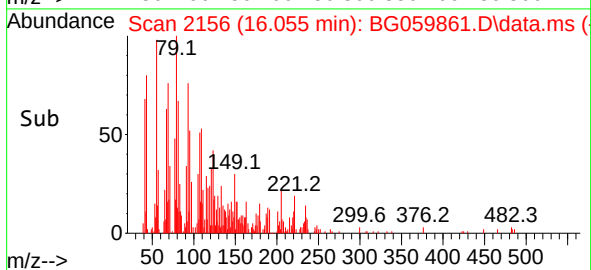
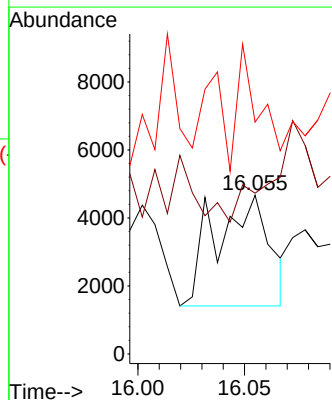
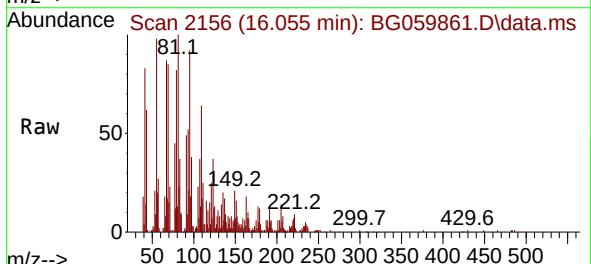
Tgt Ion:138 Resp: 5698

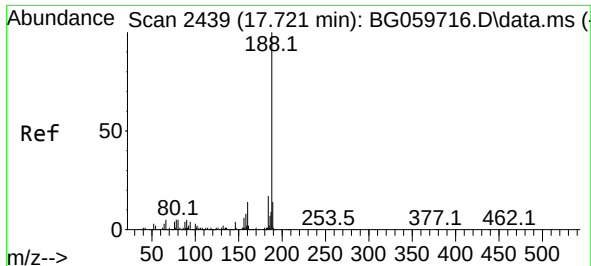
Ion Ratio Lower Upper

138 100

92 101.4 45.8 85.8#

108 146.1 256.3 296.3#

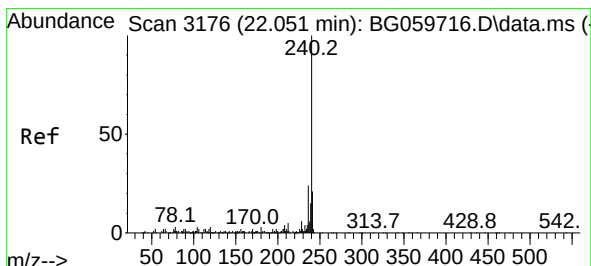
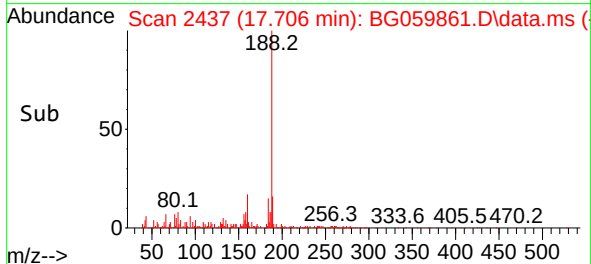
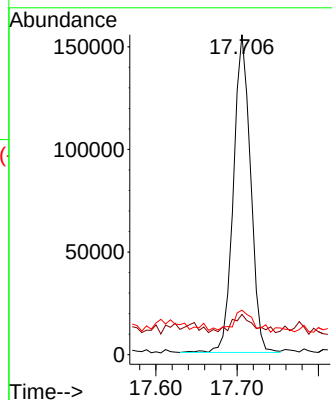
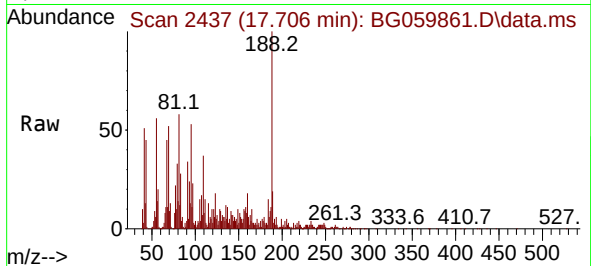




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.706 min Scan# 2437
Delta R.T. -0.004 min
Lab File: BG059861.D
Acq: 24 Nov 2023 16:33

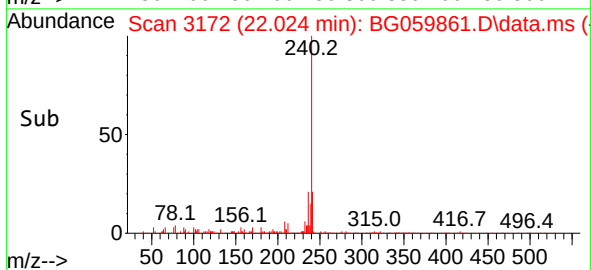
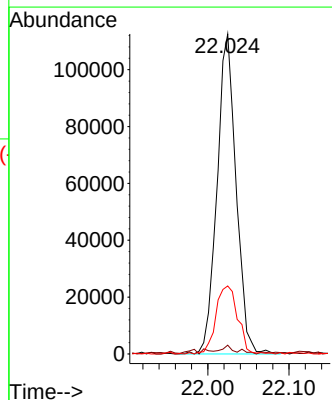
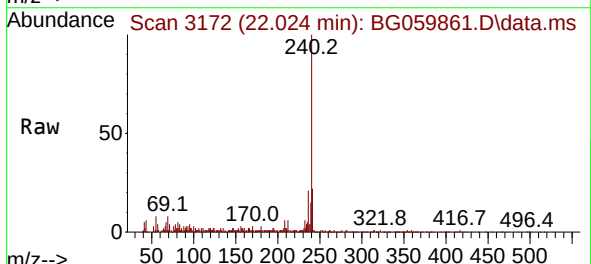
Instrument :
BNA_G
ClientSampleId :
STONE-1

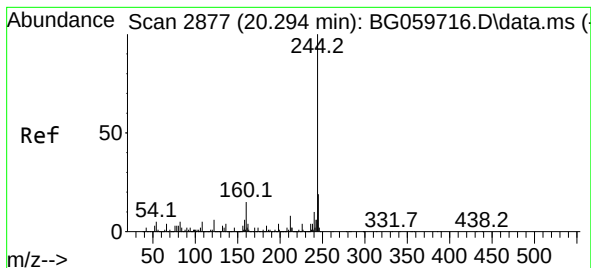
Tgt Ion:188 Resp: 225725
Ion Ratio Lower Upper
188 100
94 12.6 3.0 4.4#
80 13.9 4.2 6.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.024 min Scan# 3172
Delta R.T. -0.009 min
Lab File: BG059861.D
Acq: 24 Nov 2023 16:33

Tgt Ion:240 Resp: 183904
Ion Ratio Lower Upper
240 100
120 2.7 2.2 3.2
236 21.3 19.4 29.2





#79

Terphenyl-d14

Concen: 79.802 ng

RT: 20.279 min Scan# 2

Delta R.T. -0.004 min

Lab File: BG059861.D

Acq: 24 Nov 2023 16:33

Instrument :

BNA_G

ClientSampleId :

STONE-1

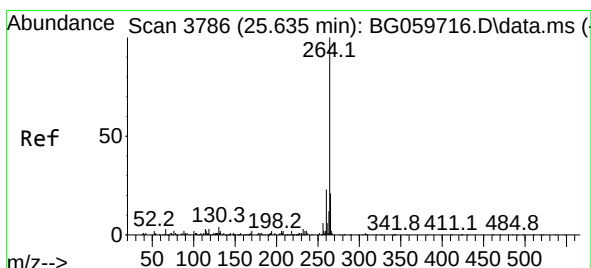
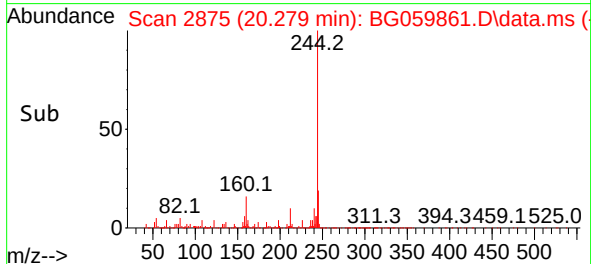
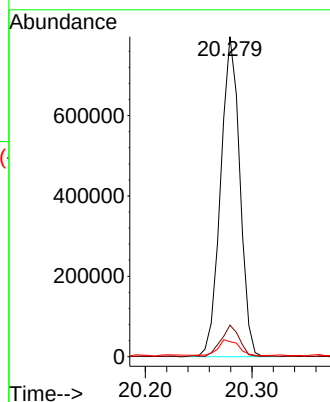
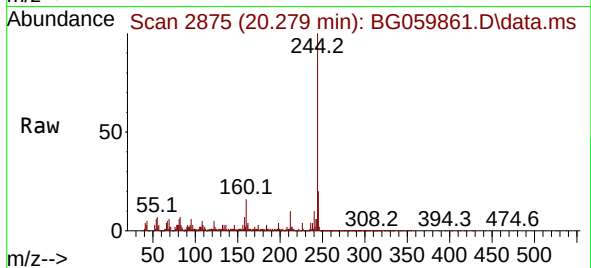
Tgt Ion:244 Resp: 994137

Ion Ratio Lower Upper

244 100

212 9.8 6.6 10.0

122 4.7 4.4 6.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.585 min Scan# 3778

Delta R.T. -0.027 min

Lab File: BG059861.D

Acq: 24 Nov 2023 16:33

Tgt Ion:264 Resp: 221212

Ion Ratio Lower Upper

264 100

260 22.6 18.5 27.7

265 17.0 17.0 25.6#

