

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011223\
 Data File : BG056265.D
 Acq On : 12 Jan 2023 12:29
 Operator : CG/JU
 Sample : 01094-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 STOCKPILE-A

Quant Time: Jan 12 14:06:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 03:38:40 2023
 Response via : Initial Calibration

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

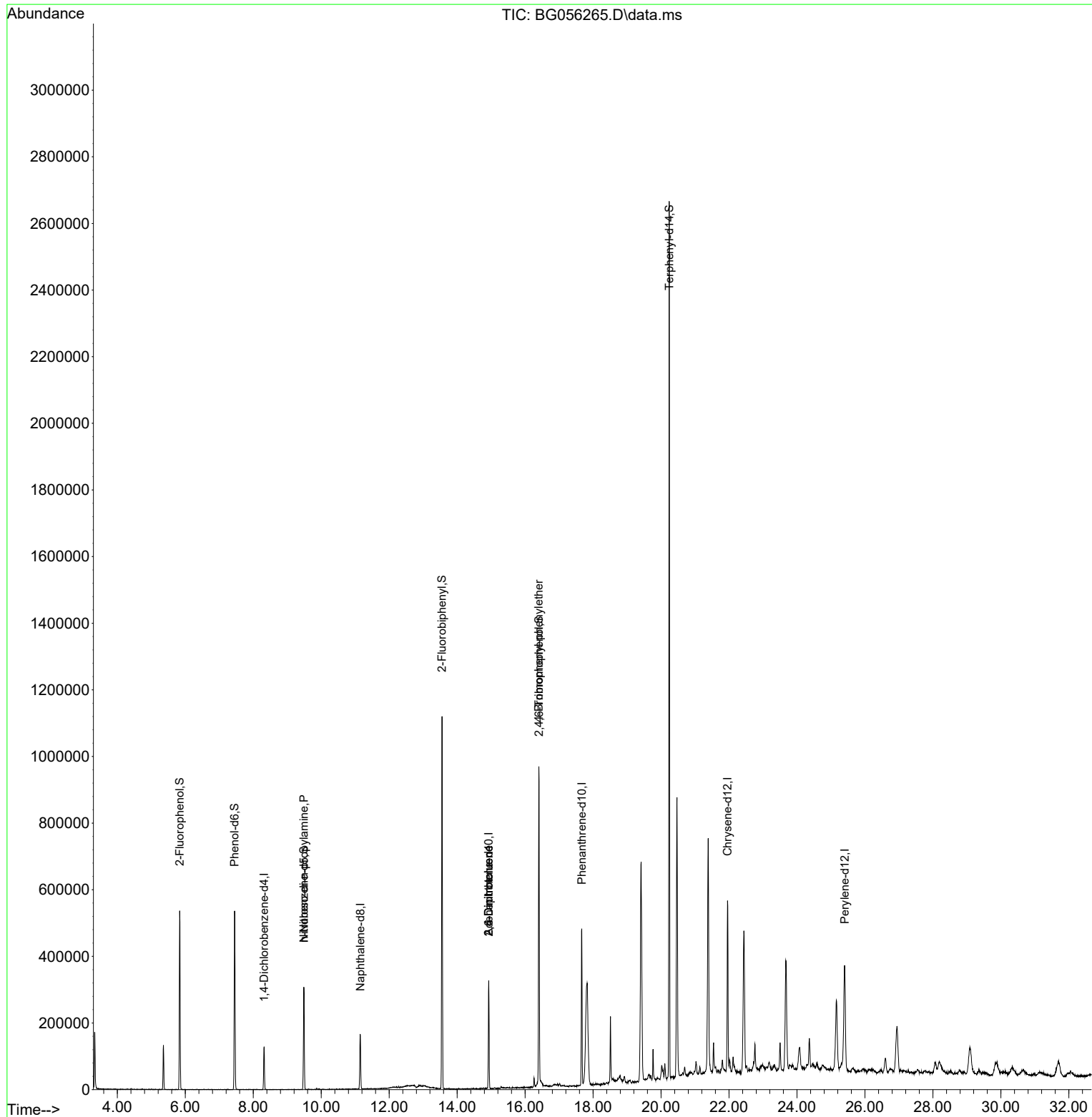
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.319	152	42650	20.000	ng	0.00
21) Naphthalene-d8	11.151	136	150594	20.000	ng	0.00
39) Acenaphthene-d10	14.929	164	121391	20.000	ng	0.00
64) Phenanthrene-d10	17.667	188	334756	20.000	ng	0.00
76) Chrysene-d12	21.956	240	346212	20.000	ng	# 0.00
86) Perylene-d12	25.405	264	366141	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.833	112	298224	124.848	ng	0.00
7) Phenol-d6	7.449	99	417005	113.676	ng	0.00
23) Nitrobenzene-d5	9.488	82	221724	75.312	ng	0.00
42) 2,4,6-Tribromophenol	16.409	330	190290	123.774	ng	0.00
45) 2-Fluorobiphenyl	13.554	172	625204	71.121	ng	0.00
79) Terphenyl-d14	20.240	244	1370461	70.898	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.488	70	27830	12.476	ng	# 75
51) 2,6-Dinitrotoluene	14.929	165	17331	8.300	ng	# 33
57) 2,4-Dinitrotoluene	14.929	165	17331	5.935	ng	# 29
67) 4-Bromophenyl-phenylether	16.403	248	16787	3.938	ng	# 1

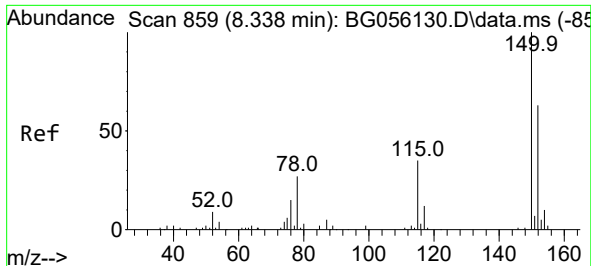
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011223\
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Response via : Initial Calibration

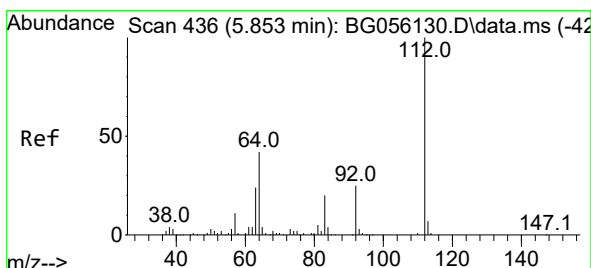
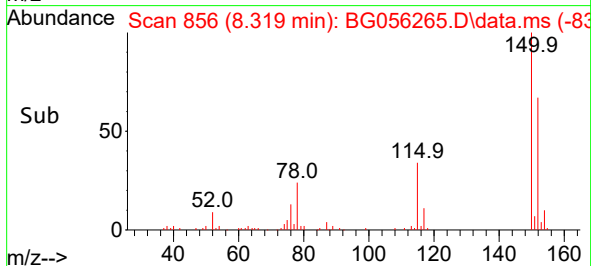
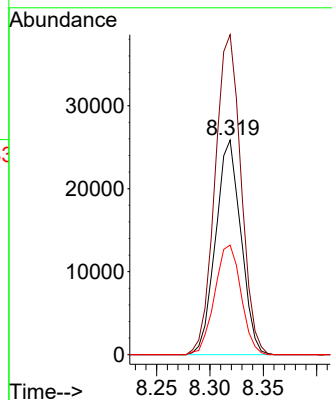
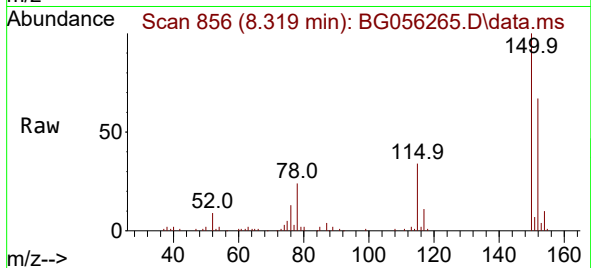




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.319 min Scan# 81
Delta R.T. 0.002 min
Lab File: BG056265.D
Acq: 12 Jan 2023 12:29

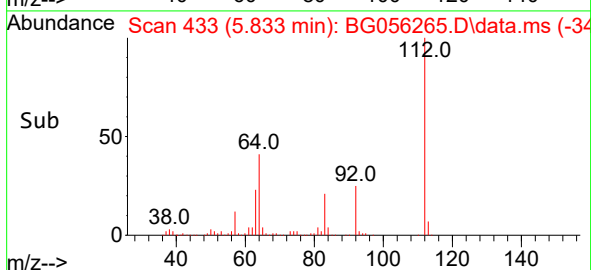
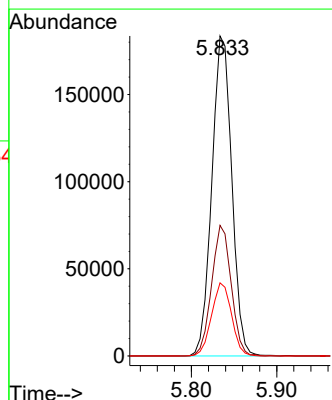
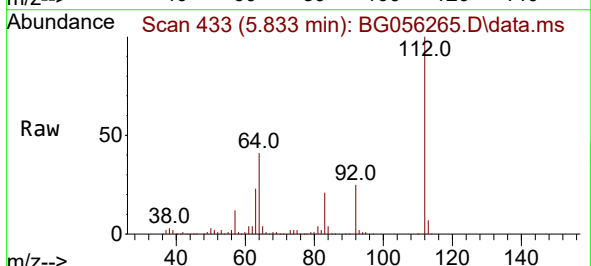
Instrument :
BNA_G
ClientSampleId :
STOCKPILE-A

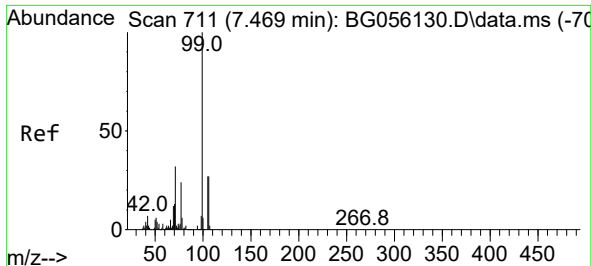
Tgt Ion:152 Resp: 42650
Ion Ratio Lower Upper
152 100
150 149.2 127.9 191.9
115 51.1 44.2 66.2



#5
2-Fluorophenol
Concen: 124.848 ng
RT: 5.833 min Scan# 433
Delta R.T. 0.008 min
Lab File: BG056265.D
Acq: 12 Jan 2023 12:29

Tgt Ion:112 Resp: 298224
Ion Ratio Lower Upper
112 100
64 40.8 33.3 49.9
63 22.8 19.0 28.4

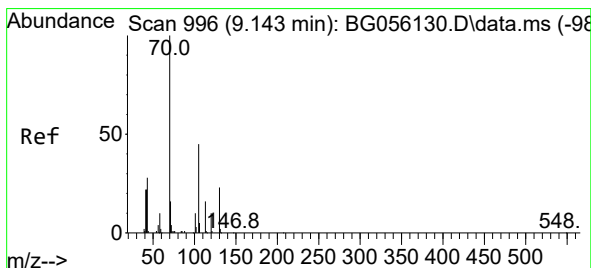
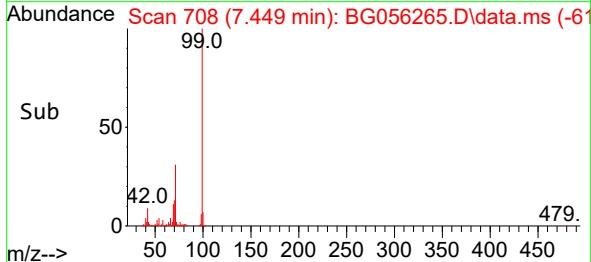
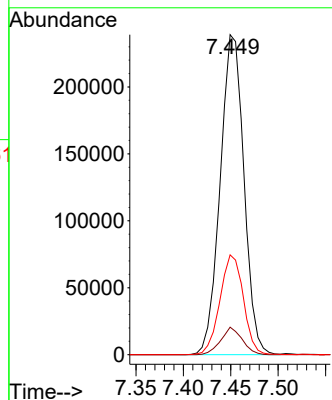
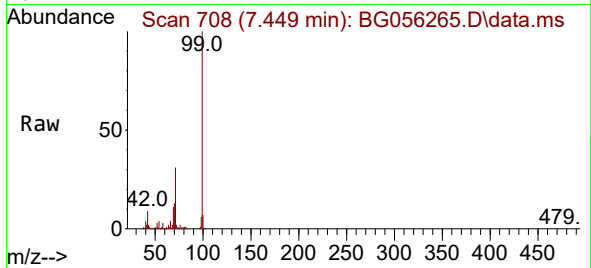




#7
Phenol-d6
Concen: 113.676 ng
RT: 7.449 min Scan# 70
Delta R.T. 0.002 min
Lab File: BG056265.D
Acq: 12 Jan 2023 12:29

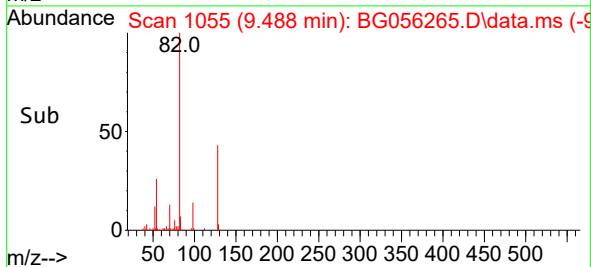
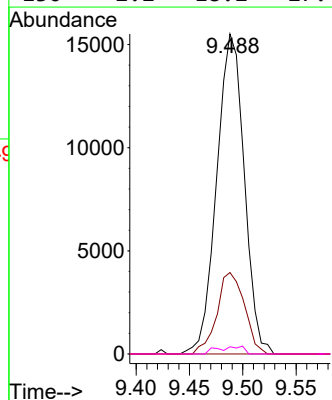
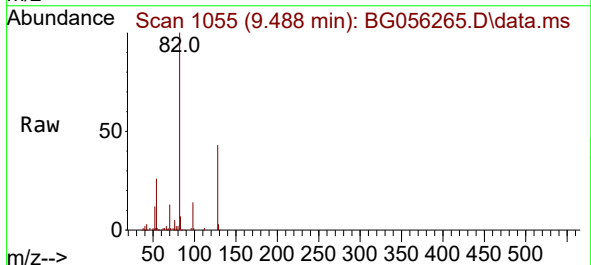
Instrument :
BNA_G
ClientSampleId :
STOCKPILE-A

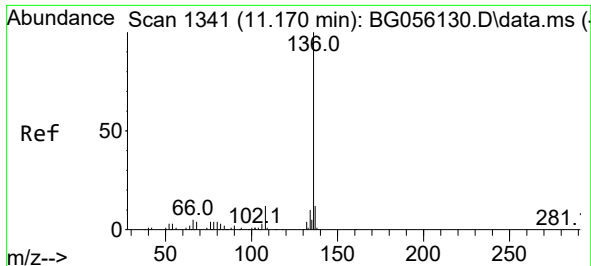
Tgt Ion: 99 Resp: 417005
Ion Ratio Lower Upper
99 100
42 8.6 5.9 8.9
71 31.2 25.4 38.2



#19
n-Nitroso-di-n-propylamine
Concen: 12.476 ng
RT: 9.488 min Scan# 1055
Delta R.T. 0.372 min
Lab File: BG056265.D
Acq: 12 Jan 2023 12:29

Tgt Ion: 70 Resp: 27830
Ion Ratio Lower Upper
70 100
42 25.4 18.2 27.2
101 0.0 8.3 12.5#
130 2.2 18.2 27.4#

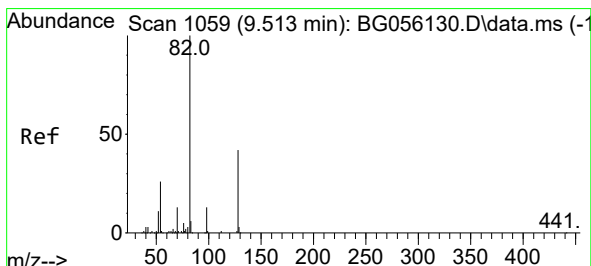
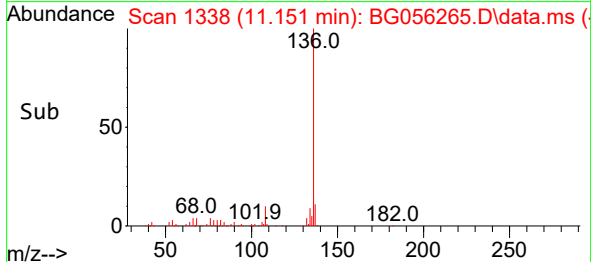
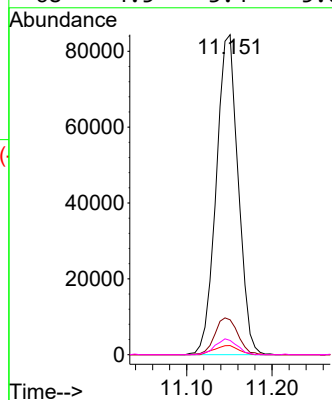
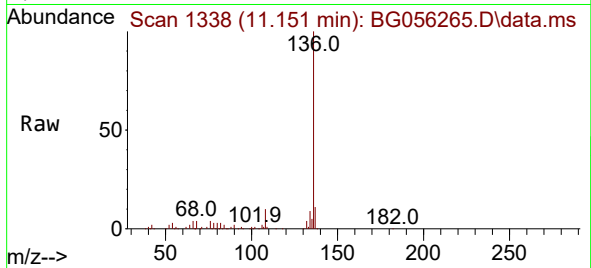




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.151 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG056265.D
Acq: 12 Jan 2023 12:29

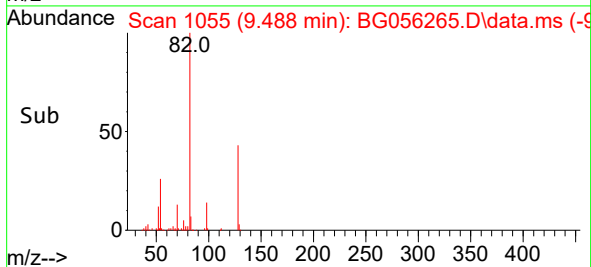
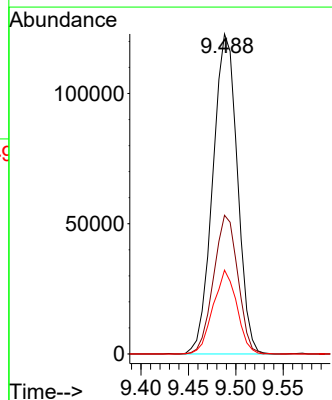
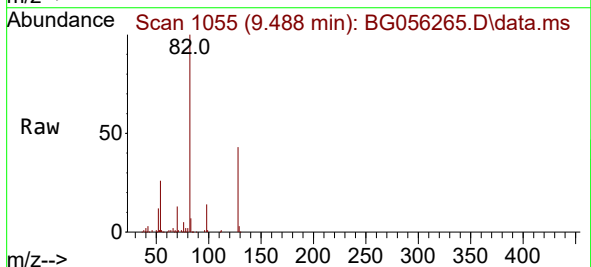
Instrument :
BNA_G
ClientSampleId :
STOCKPILE-A

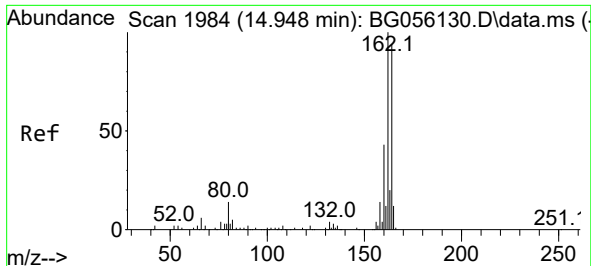
Tgt Ion:136 Resp: 150594
Ion Ratio Lower Upper
136 100
137 10.9 9.4 14.0
54 2.9 2.2 3.2
68 4.5 3.4 5.0



#23
Nitrobenzene-d5
Concen: 75.312 ng
RT: 9.488 min Scan# 1055
Delta R.T. -0.004 min
Lab File: BG056265.D
Acq: 12 Jan 2023 12:29

Tgt Ion: 82 Resp: 221724
Ion Ratio Lower Upper
82 100
128 43.4 33.4 50.2
54 26.2 20.3 30.5

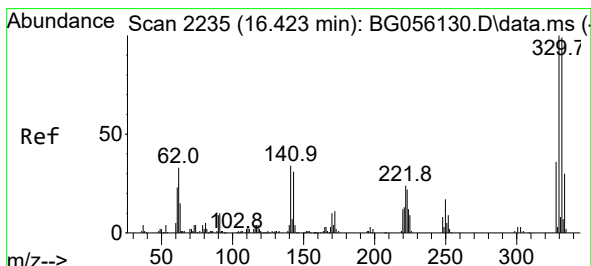
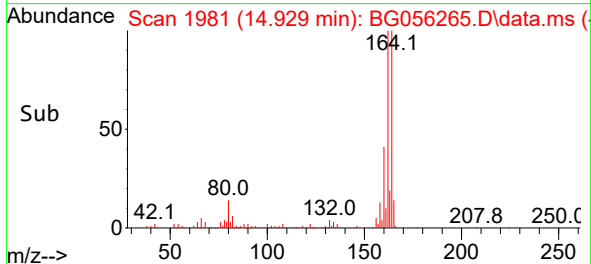
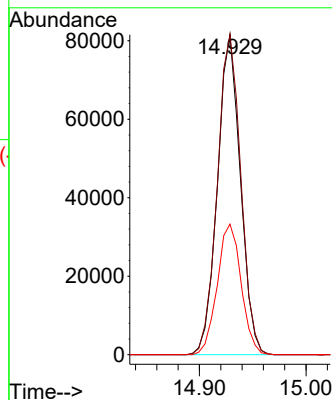
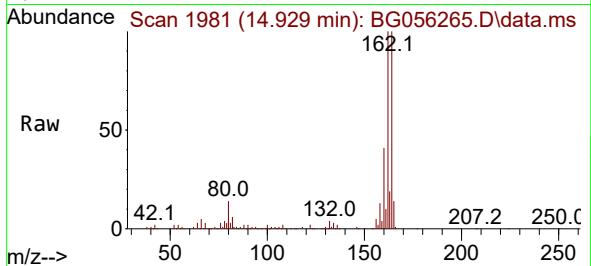




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.929 min Scan# 1984
Delta R.T. 0.002 min
Lab File: BG056265.D
Acq: 12 Jan 2023 12:29

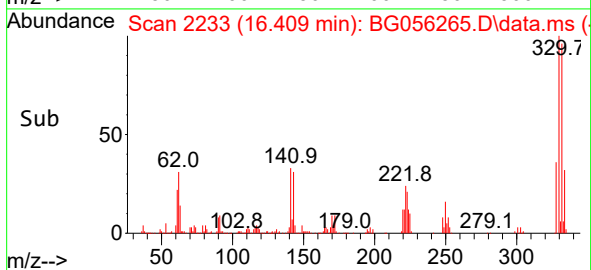
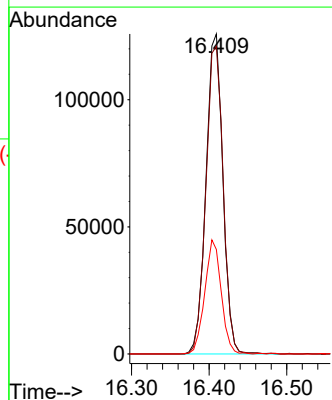
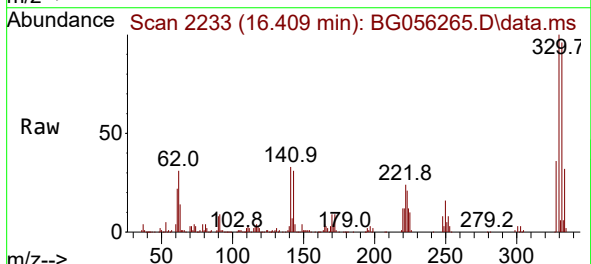
Instrument :
BNA_G
ClientSampleId :
STOCKPILE-A

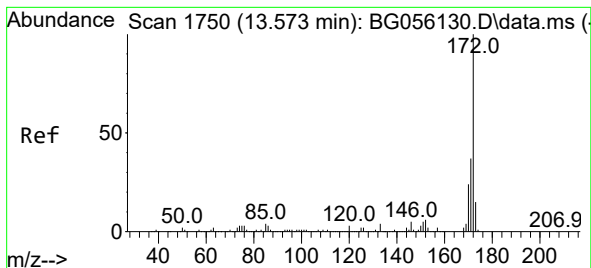
Tgt Ion:164 Resp: 121391
Ion Ratio Lower Upper
164 100
162 100.0 84.7 127.1
160 40.8 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 123.774 ng
RT: 16.409 min Scan# 2233
Delta R.T. 0.002 min
Lab File: BG056265.D
Acq: 12 Jan 2023 12:29

Tgt Ion:330 Resp: 190290
Ion Ratio Lower Upper
330 100
332 98.4 77.3 115.9
141 34.9 27.9 41.9

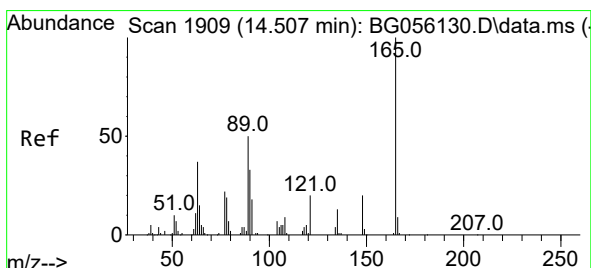
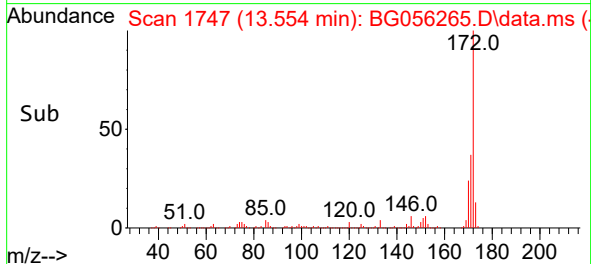
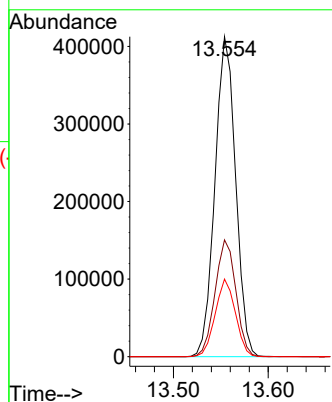
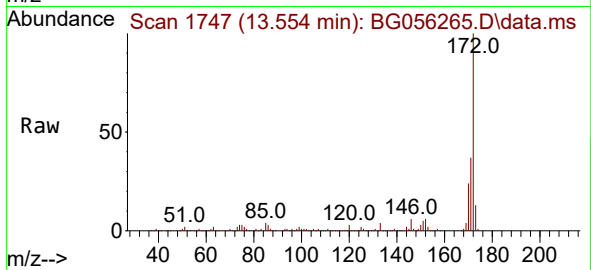




#45
2-Fluorobiphenyl
Concen: 71.121 ng
RT: 13.554 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG056265.D
Acq: 12 Jan 2023 12:29

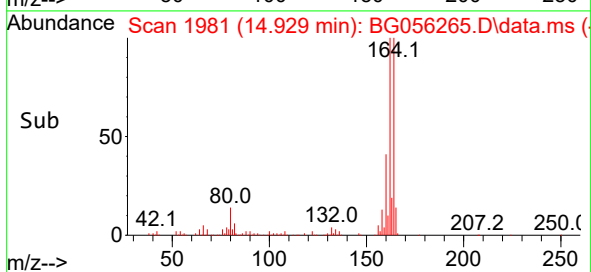
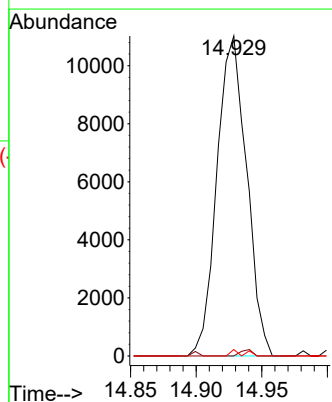
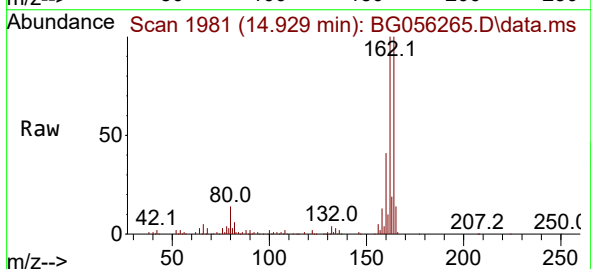
Instrument :
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ClientSampleId :
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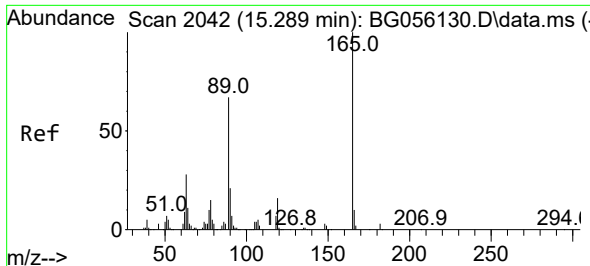
Tgt Ion:172 Resp: 625204
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 24.2 19.4 29.2



#51
2,6-Dinitrotoluene
Concen: 8.300 ng
RT: 14.929 min Scan# 1981
Delta R.T. 0.437 min
Lab File: BG056265.D
Acq: 12 Jan 2023 12:29

Tgt Ion:165 Resp: 17331
Ion Ratio Lower Upper
165 100
63 0.0 32.2 48.2#
89 2.0 39.8 59.8#





#57

2,4-Dinitrotoluene

Concen: 5.935 ng

RT: 14.929 min Scan# 1981

Delta R.T. -0.345 min

Lab File: BG056265.D

Acq: 12 Jan 2023 12:29

Instrument :

BNA_G

ClientSampleId :

STOCKPILE-A

Tgt Ion:165 Resp: 17331

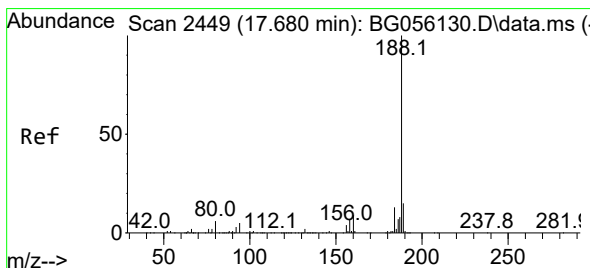
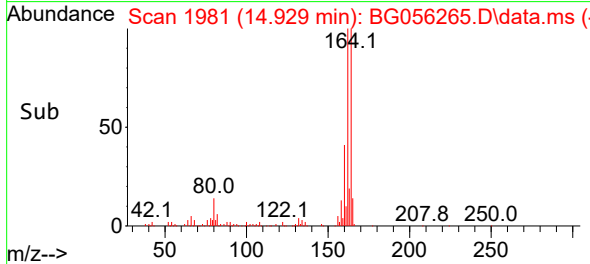
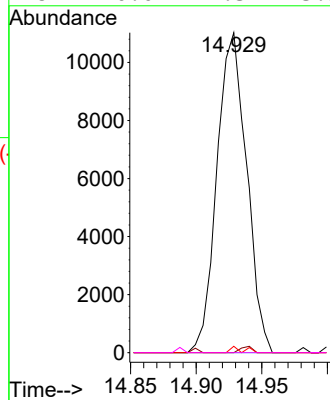
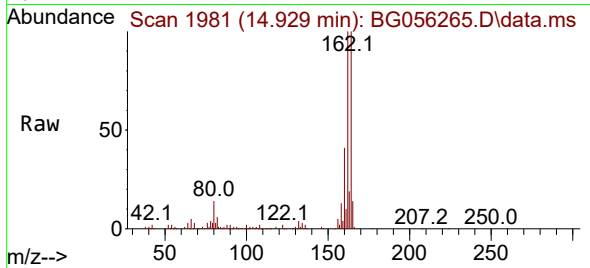
Ion Ratio Lower Upper

165 100

63 0.0 22.6 34.0#

89 2.0 53.2 79.8#

182 0.0 2.3 3.5#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.667 min Scan# 2447

Delta R.T. 0.002 min

Lab File: BG056265.D

Acq: 12 Jan 2023 12:29

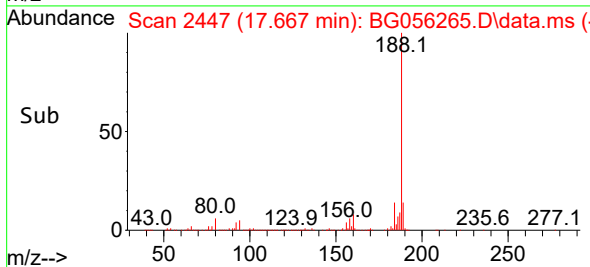
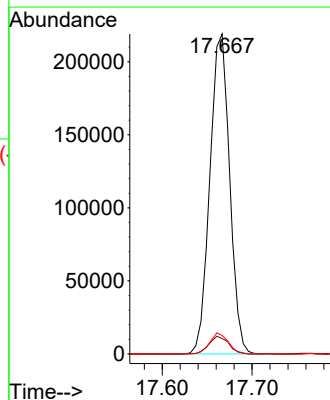
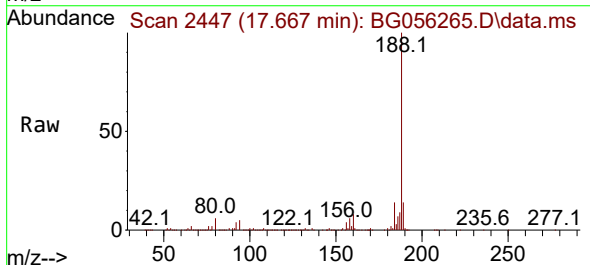
Tgt Ion:188 Resp: 334756

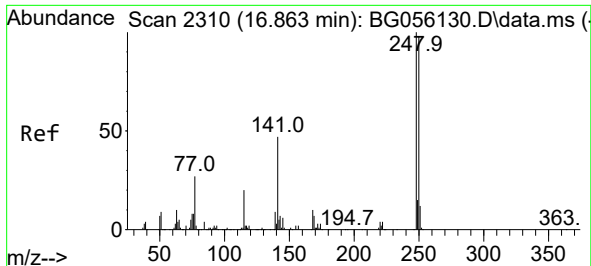
Ion Ratio Lower Upper

188 100

94 4.8 4.2 6.2

80 5.8 5.0 7.4

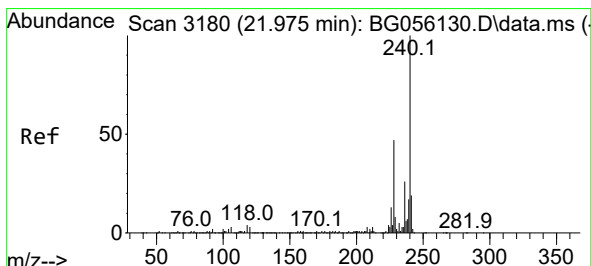
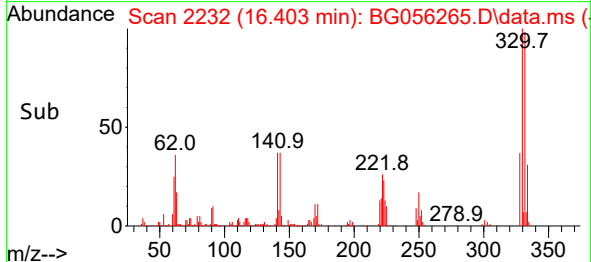
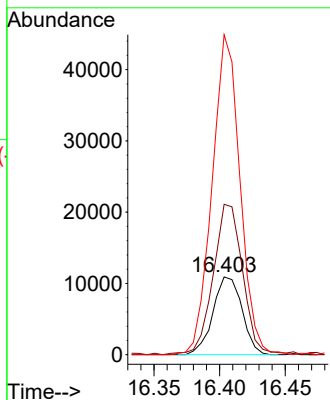
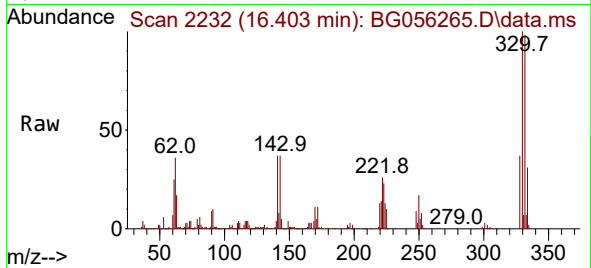




#67
4-Bromophenyl-phenylether
Concen: 3.938 ng
RT: 16.403 min Scan# 21
Delta R.T. -0.444 min
Lab File: BG056265.D
Acq: 12 Jan 2023 12:29

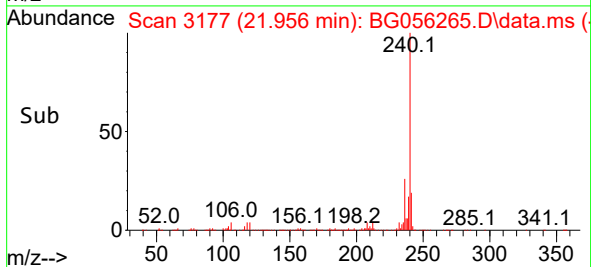
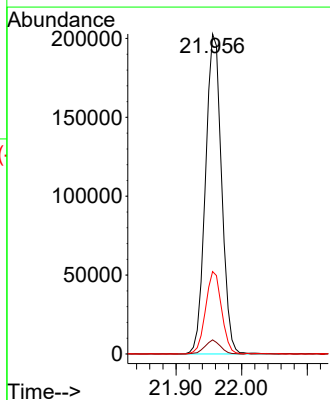
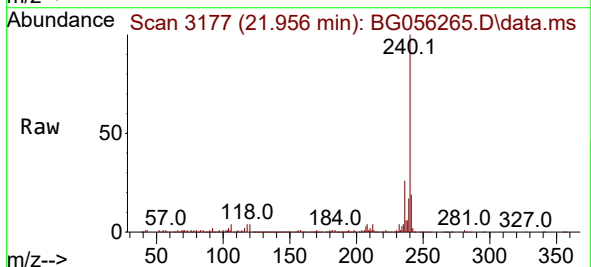
Instrument :
BNA_G
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STOCKPILE-A

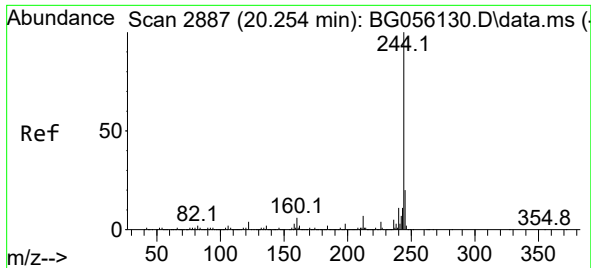
Tgt Ion:248 Resp: 16787
Ion Ratio Lower Upper
248 100
250 193.3 78.2 117.4#
141 411.2 37.6 56.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.956 min Scan# 3177
Delta R.T. -0.004 min
Lab File: BG056265.D
Acq: 12 Jan 2023 12:29

Tgt Ion:240 Resp: 346212
Ion Ratio Lower Upper
240 100
120 4.4 2.6 4.0#
236 25.7 20.8 31.2

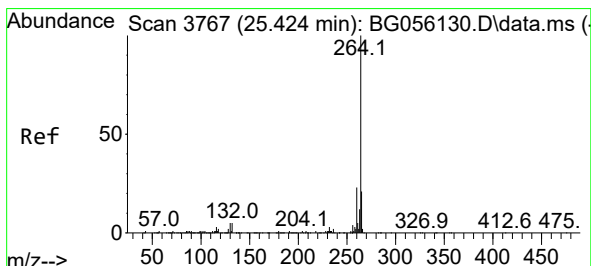
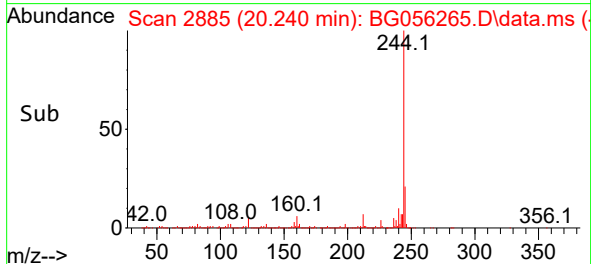
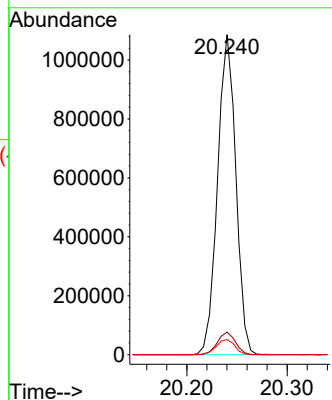
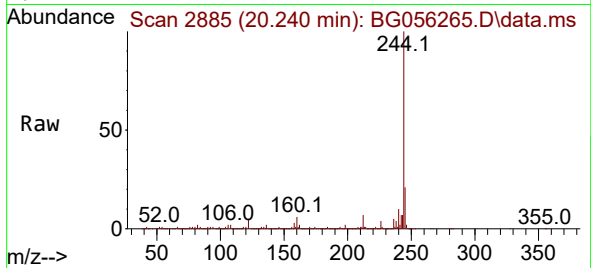




#79
 Terphenyl-d14
 Concen: 70.898 ng
 RT: 20.240 min Scan# 21
 Delta R.T. 0.002 min
 Lab File: BG056265.D
 Acq: 12 Jan 2023 12:29

Instrument :
 BNA_G
 ClientSampleId :
 STOCKPILE-A

Tgt Ion:244 Resp: 1370461
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 4.7 3.5 5.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.405 min Scan# 3764
 Delta R.T. 0.002 min
 Lab File: BG056265.D
 Acq: 12 Jan 2023 12:29

Tgt Ion:264 Resp: 366141
 Ion Ratio Lower Upper
 264 100
 260 25.2 18.6 28.0
 265 21.7 16.7 25.1

