

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012523\
 Data File : BG056424.D
 Acq On : 25 Jan 2023 14:35
 Operator : CG/JU
 Sample : 01255-02DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BORING-1DL

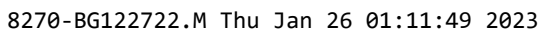
Quant Time: Jan 26 01:11:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 25 04:54:56 2023
 Response via : Initial Calibration

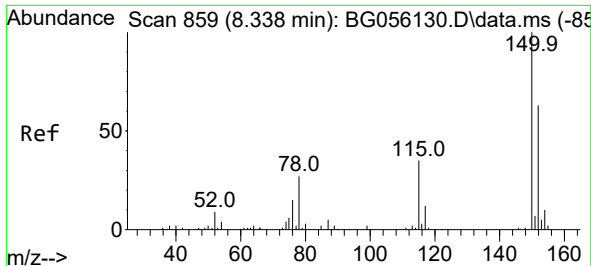
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.293	152	33949	20.000	ng	0.00
21) Naphthalene-d8	11.125	136	125829	20.000	ng	0.00
39) Acenaphthene-d10	14.909	164	103017	20.000	ng	0.00
64) Phenanthrene-d10	17.647	188	293209	20.000	ng	0.00
76) Chrysene-d12	21.936	240	294918	20.000	ng	# 0.00
86) Perylene-d12	25.367	264	312262	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.814	112	53413	28.092	ng	0.00
7) Phenol-d6	7.436	99	69105	23.666	ng	0.00
23) Nitrobenzene-d5	9.468	82	43241	17.578	ng	0.00
42) 2,4,6-Tribromophenol	16.390	330	42931	32.905	ng	0.00
45) 2-Fluorobiphenyl	13.534	172	149725	20.070	ng	0.00
79) Terphenyl-d14	20.221	244	365855	22.219	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.463	70	5145	2.898	ng	# 75
51) 2,6-Dinitrotoluene	14.909	165	13327	7.521	ng	# 33
57) 2,4-Dinitrotoluene	14.909	165	13327	5.378	ng	# 30

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

Quant Time: Jan 26 01:11:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 25 04:54:56 2023
Response via : Initial Calibration

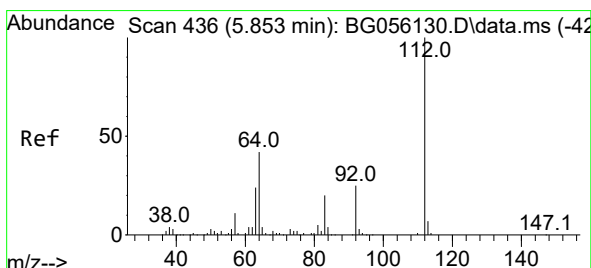
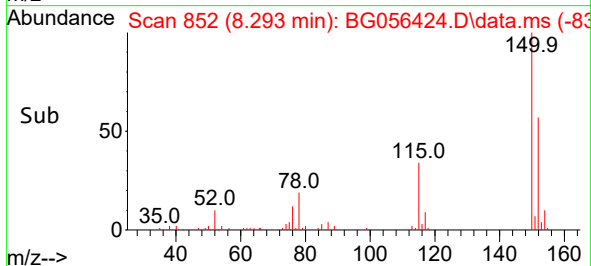
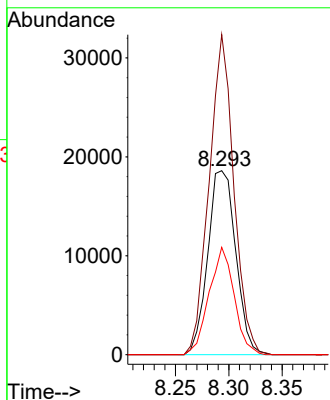
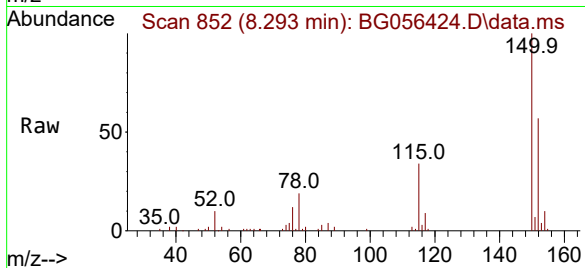




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.293 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG056424.D
Acq: 25 Jan 2023 14:35

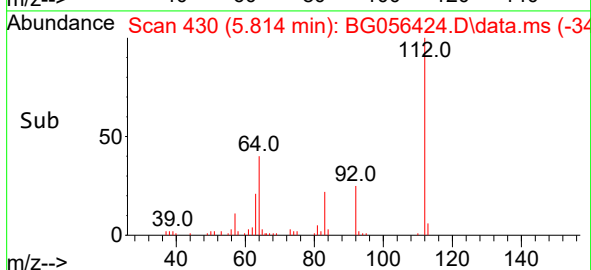
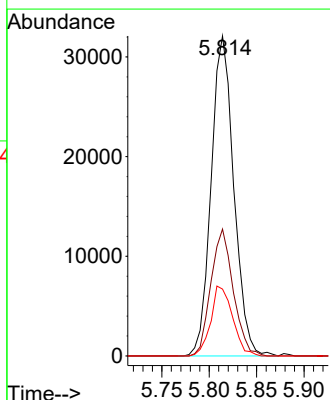
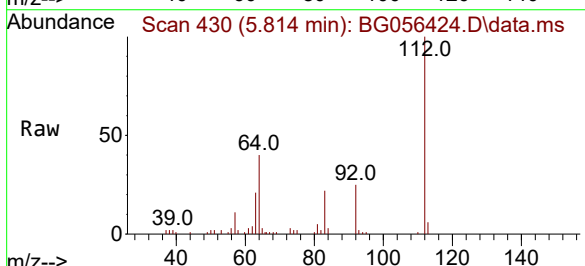
Instrument :
BNA_G
ClientSampleId :
BORING-1DL

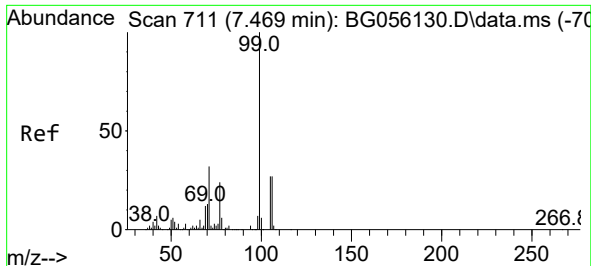
Tgt Ion:152 Resp: 33949
Ion Ratio Lower Upper
152 100
150 173.9 127.9 191.9
115 58.4 44.2 66.2



#5
2-Fluorophenol
Concen: 28.092 ng
RT: 5.814 min Scan# 430
Delta R.T. 0.000 min
Lab File: BG056424.D
Acq: 25 Jan 2023 14:35

Tgt Ion:112 Resp: 53413
Ion Ratio Lower Upper
112 100
64 39.7 33.3 49.9
63 20.9 19.0 28.4

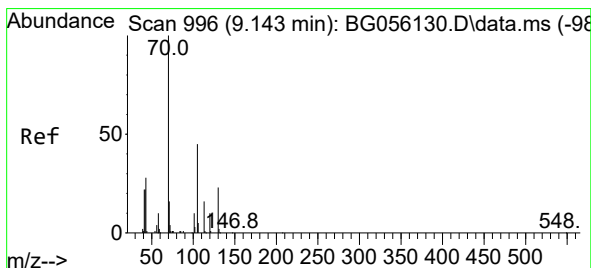
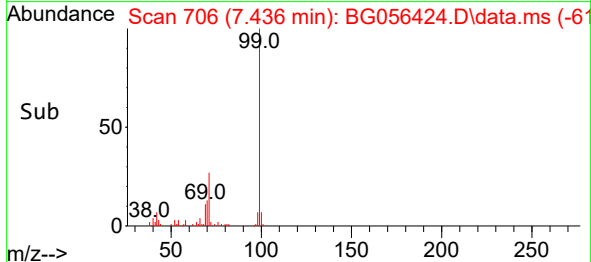
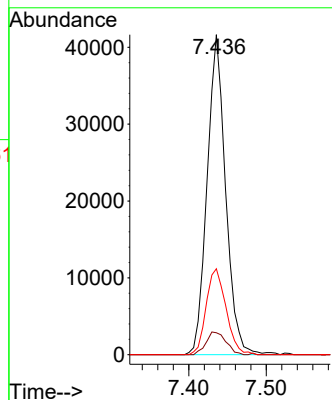
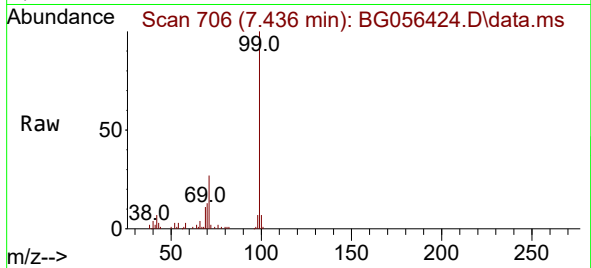




#7
Phenol-d6
Concen: 23.666 ng
RT: 7.436 min Scan# 70
Delta R.T. 0.000 min
Lab File: BG056424.D
Acq: 25 Jan 2023 14:35

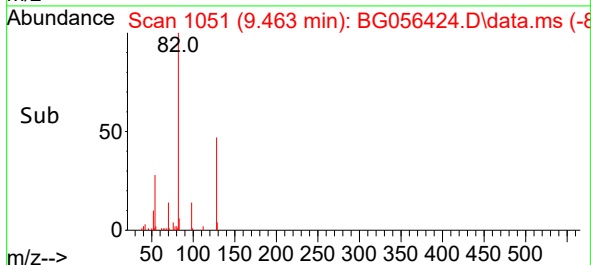
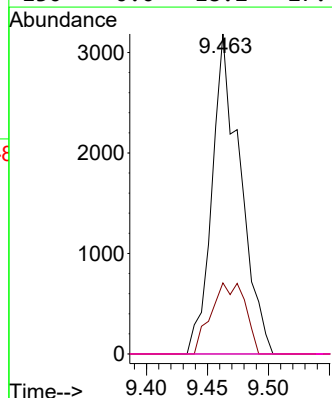
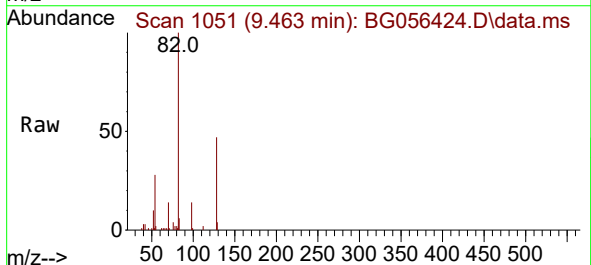
Instrument :
BNA_G
ClientSampleId :
BORING-1DL

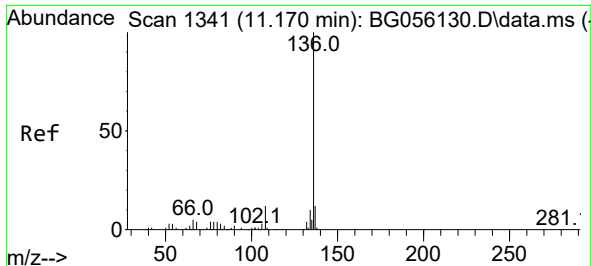
Tgt Ion: 99 Resp: 69105
Ion Ratio Lower Upper
99 100
42 6.9 5.9 8.9
71 26.9 25.4 38.2



#19
n-Nitroso-di-n-propylamine
Concen: 2.898 ng
RT: 9.463 min Scan# 1051
Delta R.T. 0.364 min
Lab File: BG056424.D
Acq: 25 Jan 2023 14:35

Tgt Ion: 70 Resp: 5145
Ion Ratio Lower Upper
70 100
42 22.2 18.2 27.2
101 0.0 8.3 12.5#
130 0.0 18.2 27.4#

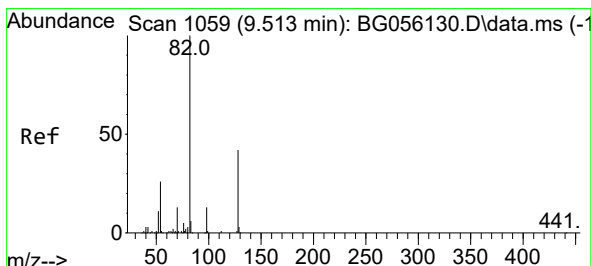
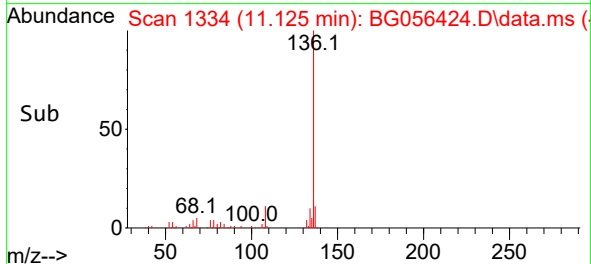
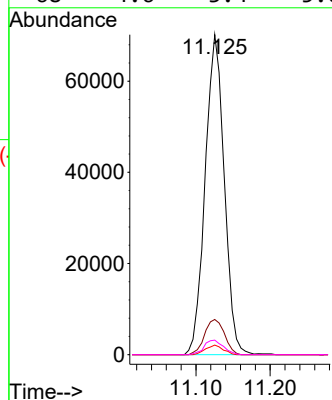
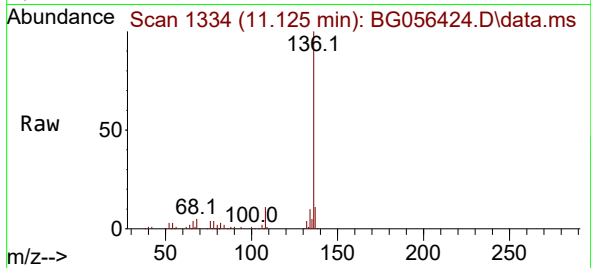




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.125 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG056424.D
Acq: 25 Jan 2023 14:35

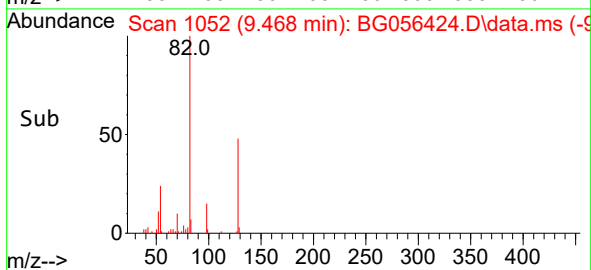
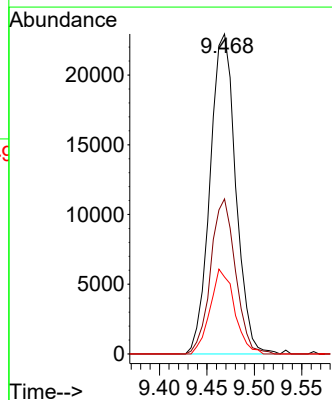
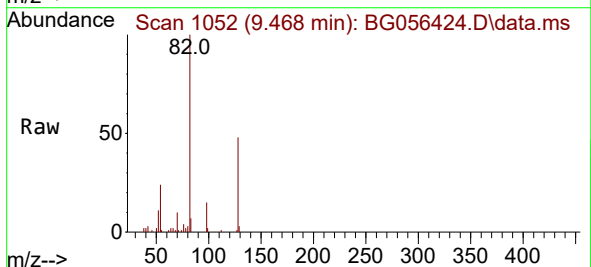
Instrument :
BNA_G
ClientSampleId :
BORING-1DL

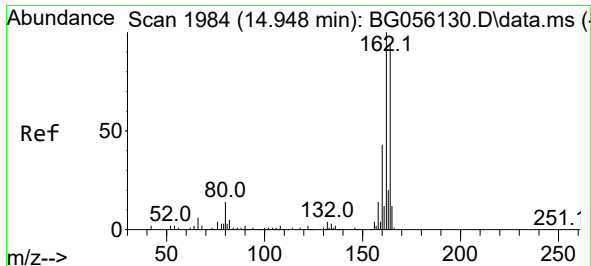
Tgt Ion:136 Resp: 125829
Ion Ratio Lower Upper
136 100
137 11.0 9.4 14.0
54 3.0 2.2 3.2
68 4.6 3.4 5.0



#23
Nitrobenzene-d5
Concen: 17.578 ng
RT: 9.468 min Scan# 1052
Delta R.T. -0.006 min
Lab File: BG056424.D
Acq: 25 Jan 2023 14:35

Tgt Ion: 82 Resp: 43241
Ion Ratio Lower Upper
82 100
128 48.5 33.4 50.2
54 24.0 20.3 30.5

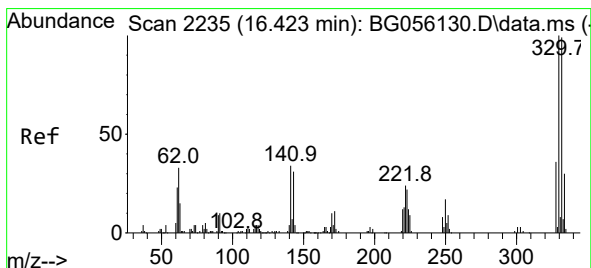
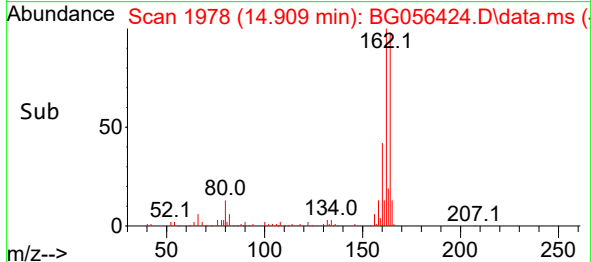
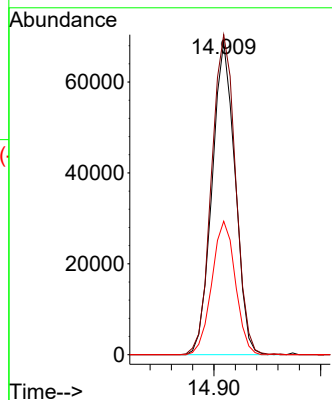
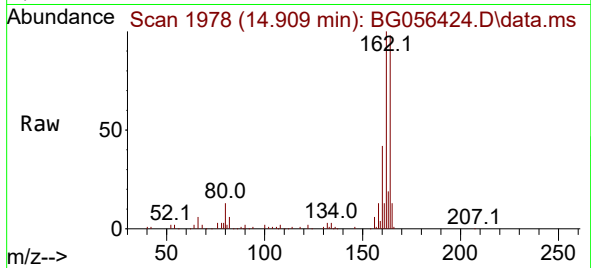




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.909 min Scan# 1984
Delta R.T. -0.006 min
Lab File: BG056424.D
Acq: 25 Jan 2023 14:35

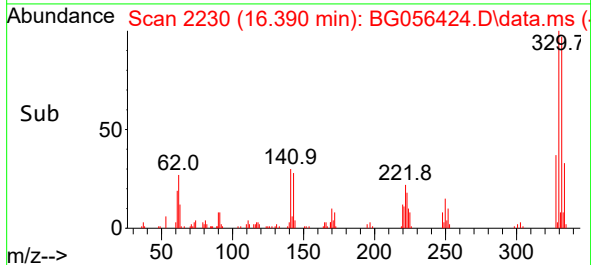
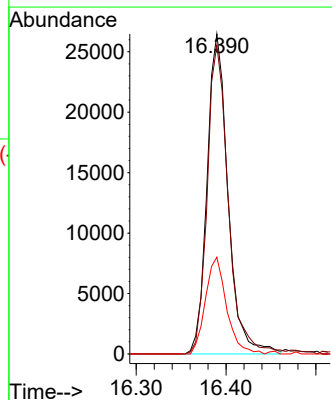
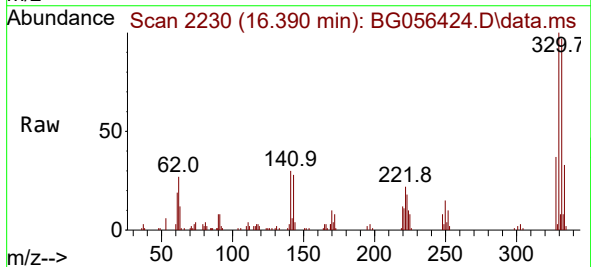
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ClientSampleId :
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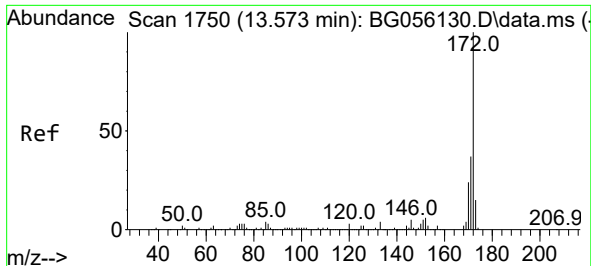
Tgt Ion:164 Resp: 103017
Ion Ratio Lower Upper
164 100
162 102.3 84.7 127.1
160 42.7 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 32.905 ng
RT: 16.390 min Scan# 2230
Delta R.T. -0.006 min
Lab File: BG056424.D
Acq: 25 Jan 2023 14:35

Tgt Ion:330 Resp: 42931
Ion Ratio Lower Upper
330 100
332 96.8 77.3 115.9
141 30.4 27.9 41.9

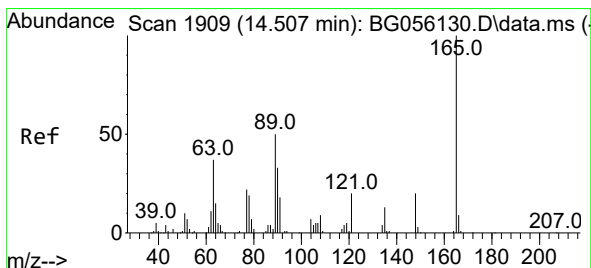
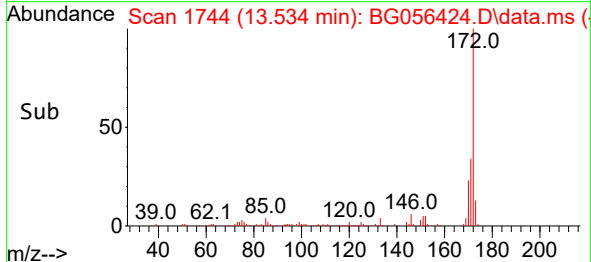
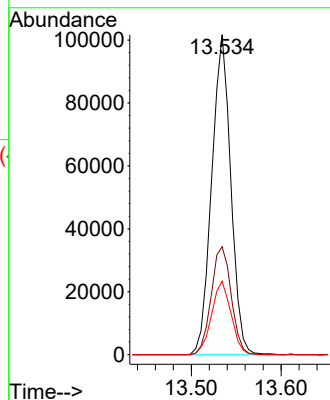
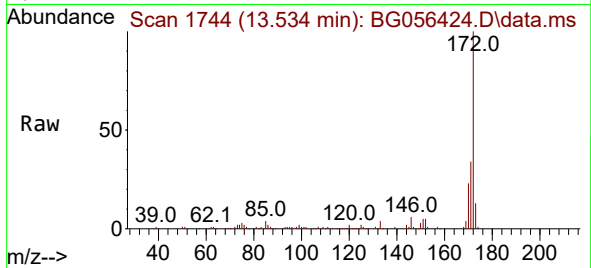




#45
2-Fluorobiphenyl
Concen: 20.070 ng
RT: 13.534 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG056424.D
Acq: 25 Jan 2023 14:35

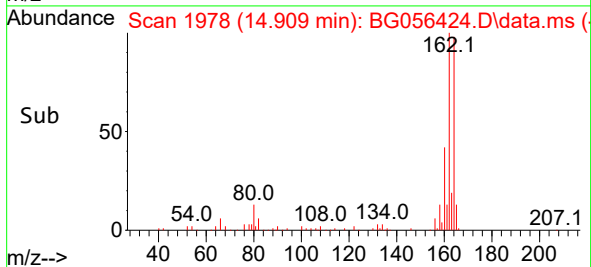
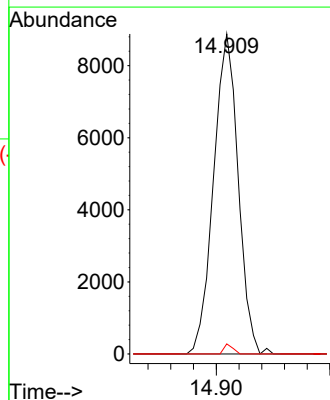
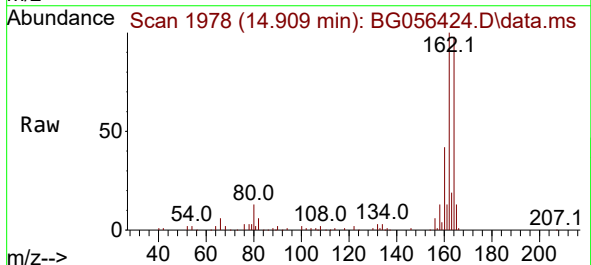
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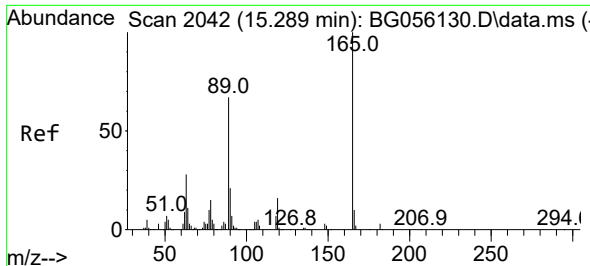
Tgt Ion:172 Resp: 149725
Ion Ratio Lower Upper
172 100
171 33.8 29.6 44.4
170 23.0 19.4 29.2



#51
2,6-Dinitrotoluene
Concen: 7.521 ng
RT: 14.909 min Scan# 1978
Delta R.T. 0.429 min
Lab File: BG056424.D
Acq: 25 Jan 2023 14:35

Tgt Ion:165 Resp: 13327
Ion Ratio Lower Upper
165 100
63 0.0 32.2 48.2#
89 3.1 39.8 59.8#





#57

2,4-Dinitrotoluene

Concen: 5.378 ng

RT: 14.909 min Scan# 14

Delta R.T. -0.358 min

Lab File: BG056424.D

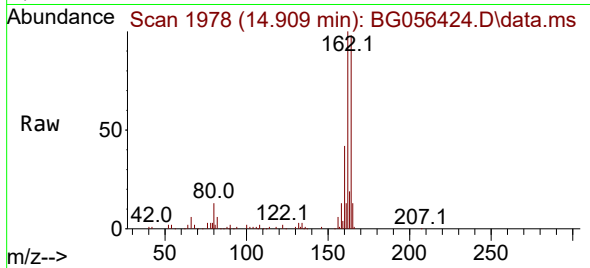
Acq: 25 Jan 2023 14:35

Instrument :

BNA_G

ClientSampleId :

BORING-1DL



Tgt Ion:165 Resp: 13327

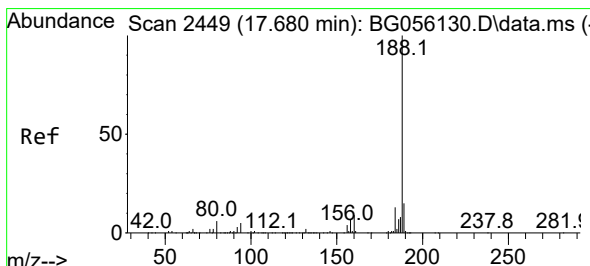
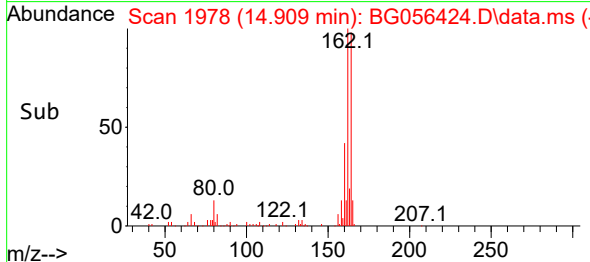
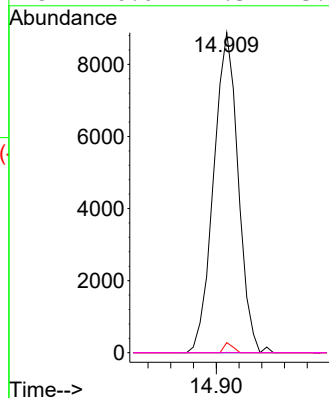
Ion Ratio Lower Upper

165 100

63 0.0 22.6 34.0#

89 3.1 53.2 79.8#

182 0.0 2.3 3.5#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.647 min Scan# 2444

Delta R.T. -0.006 min

Lab File: BG056424.D

Acq: 25 Jan 2023 14:35

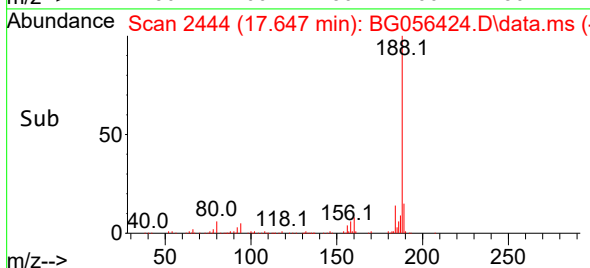
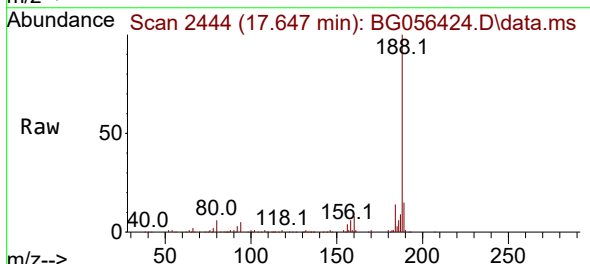
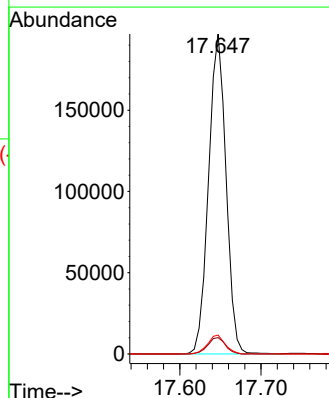
Tgt Ion:188 Resp: 293209

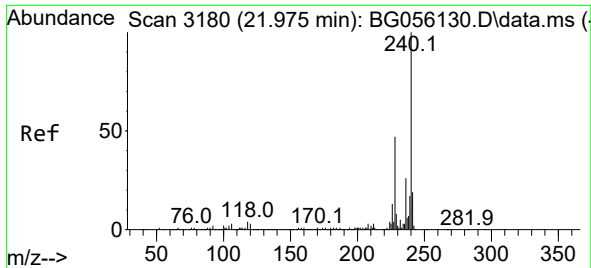
Ion Ratio Lower Upper

188 100

94 5.1 4.2 6.2

80 5.9 5.0 7.4

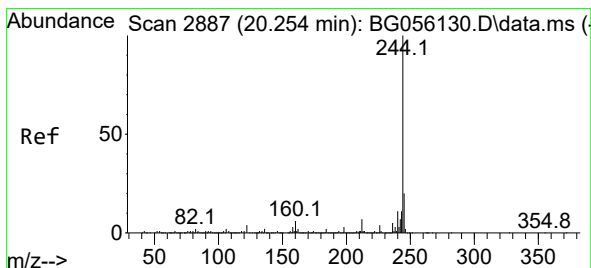
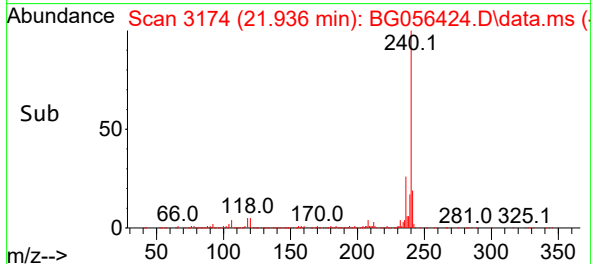
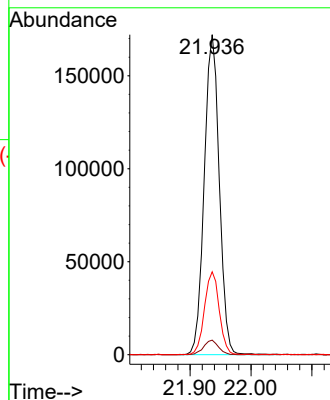
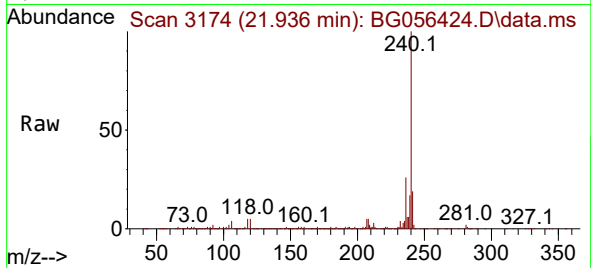




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.936 min Scan# 3180
Delta R.T. -0.006 min
Lab File: BG056424.D
Acq: 25 Jan 2023 14:35

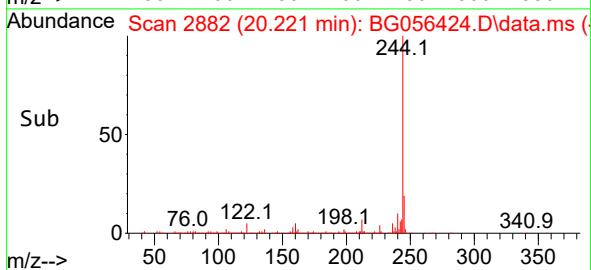
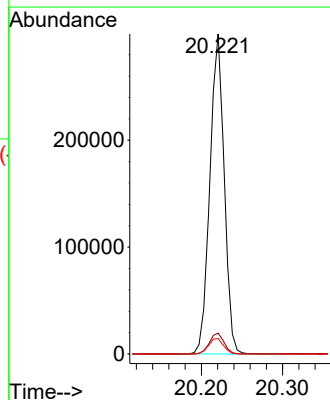
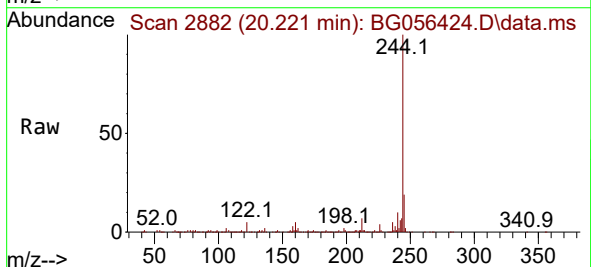
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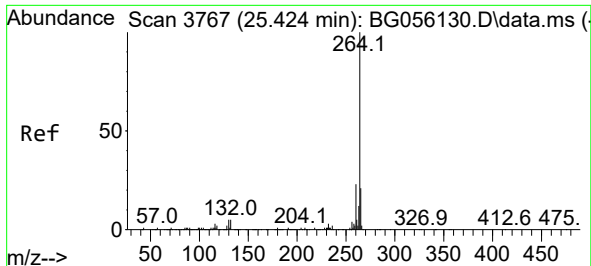
Tgt Ion:240 Resp: 294918
Ion Ratio Lower Upper
240 100
120 4.5 2.6 4.0#
236 25.9 20.8 31.2



#79
Terphenyl-d14
Concen: 22.219 ng
RT: 20.221 min Scan# 2882
Delta R.T. -0.006 min
Lab File: BG056424.D
Acq: 25 Jan 2023 14:35

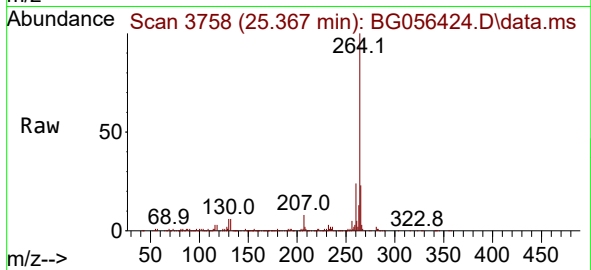
Tgt Ion:244 Resp: 365855
Ion Ratio Lower Upper
244 100
212 6.5 5.7 8.5
122 4.8 3.5 5.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.367 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG056424.D
Acq: 25 Jan 2023 14:35

Instrument :
BNA_G
ClientSampleId :
BORING-1DL



Tgt Ion:264 Resp: 312262
Ion Ratio Lower Upper
264 100
260 24.2 18.6 28.0
265 23.0 16.7 25.1

