

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051923\
 Data File : BG057480.D
 Acq On : 19 May 2023 23:41
 Operator : CG/JU
 Sample : 02849-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP7

Quant Time: May 20 04:31:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 20 04:19:55 2023
 Response via : Initial Calibration

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

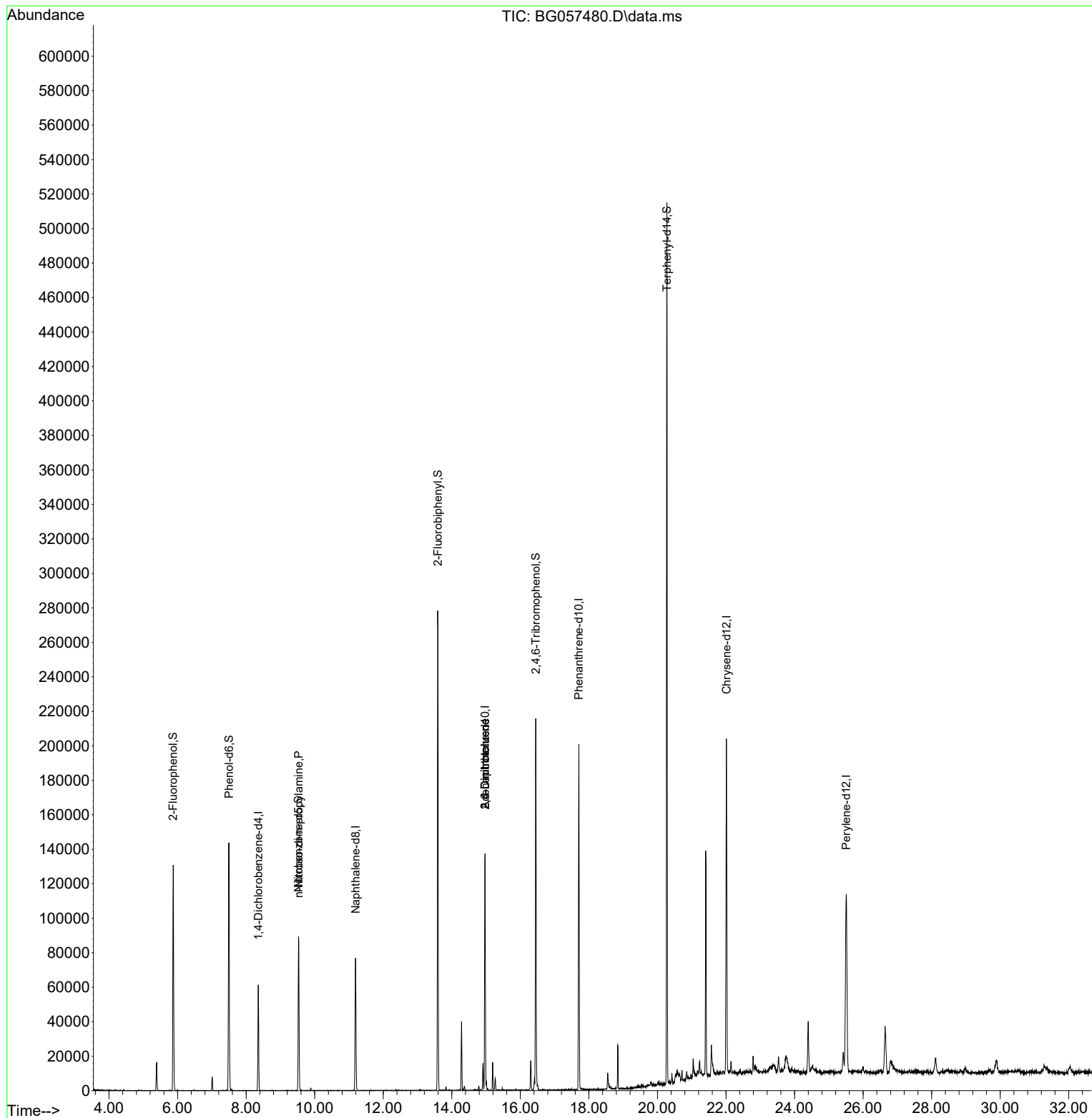
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.355	152	17396	20.000	ng	0.00
21) Naphthalene-d8	11.193	136	67451	20.000	ng	0.00
39) Acenaphthene-d10	14.970	164	52735	20.000	ng	0.00
64) Phenanthrene-d10	17.707	188	134205	20.000	ng	0.00
76) Chrysene-d12	22.013	240	127704	20.000	ng	0.00
86) Perylene-d12	25.509	264	134777	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.870	112	60713	59.701	ng	0.00
7) Phenol-d6	7.498	99	88276	57.163	ng	0.00
23) Nitrobenzene-d5	9.530	82	58376	36.324	ng	0.00
42) 2,4,6-Tribromophenol	16.450	330	44545	59.532	ng	0.00
45) 2-Fluorobiphenyl	13.589	172	149271	38.122	ng	-0.01
79) Terphenyl-d14	20.274	244	274843	35.122	ng	0.00
Target Compounds						
9) Benzaldehyde	7.486	77	125	Below Cal	Qvalue #	4
19) n-Nitroso-di-n-propyla...	9.536	70	8098	6.877 ng	#	76
51) 2,6-Dinitrotoluene	14.970	165	6825	7.714 ng	#	17
57) 2,4-Dinitrotoluene	14.970	165	6825	5.397 ng	#	20

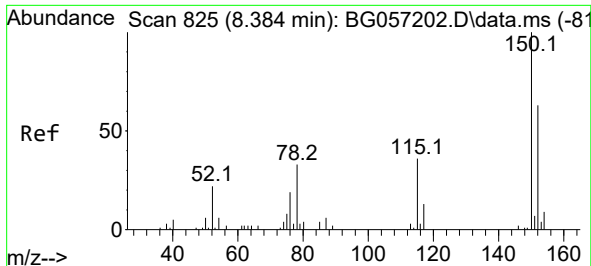
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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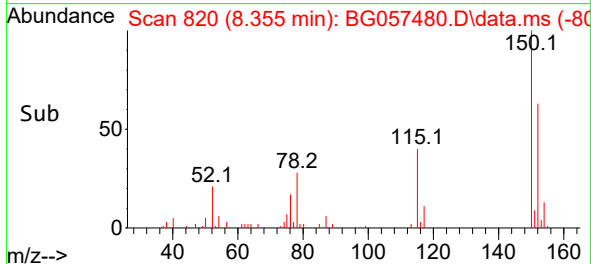
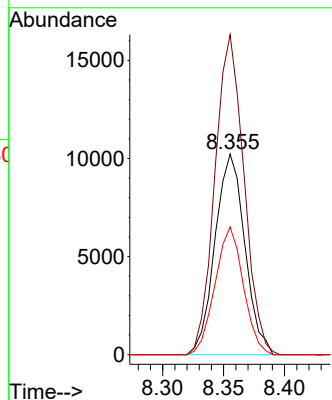
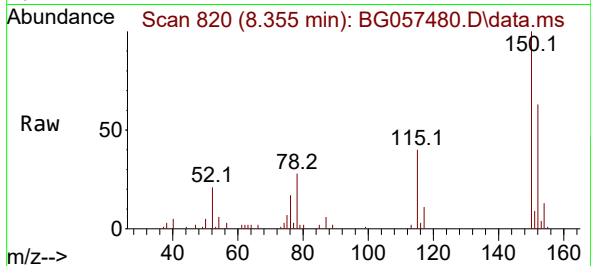




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.355 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG057480.D
Acq: 19 May 2023 23:41

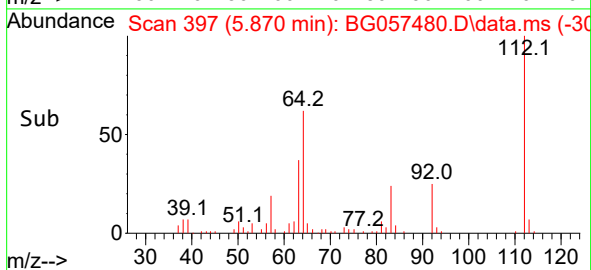
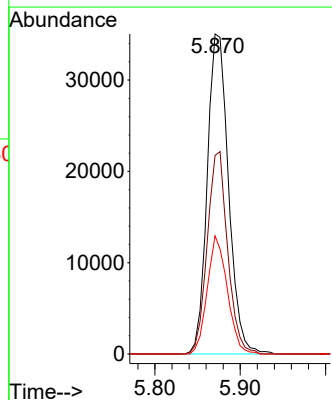
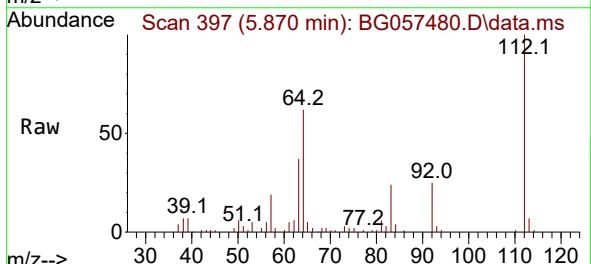
Instrument :
BNA_G
ClientSampleId :
TP7

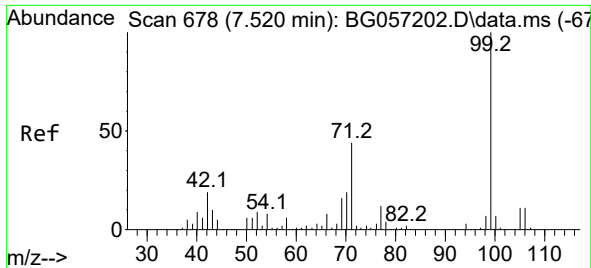
Tgt Ion:152 Resp: 17396
Ion Ratio Lower Upper
152 100
150 159.5 126.2 189.4
115 63.6 45.0 67.4



#5
2-Fluorophenol
Concen: 59.701 ng
RT: 5.870 min Scan# 397
Delta R.T. -0.000 min
Lab File: BG057480.D
Acq: 19 May 2023 23:41

Tgt Ion:112 Resp: 60713
Ion Ratio Lower Upper
112 100
64 62.1 49.4 74.2
63 36.9 31.6 47.4

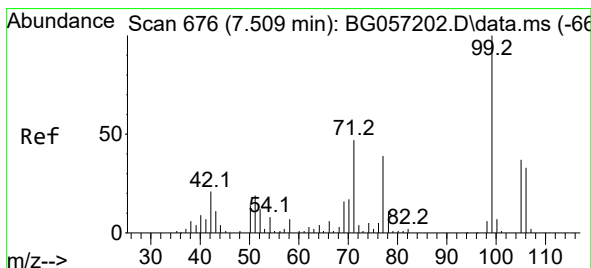
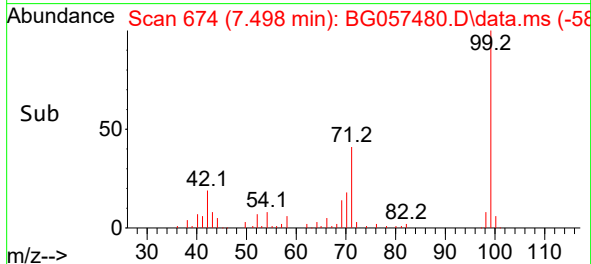
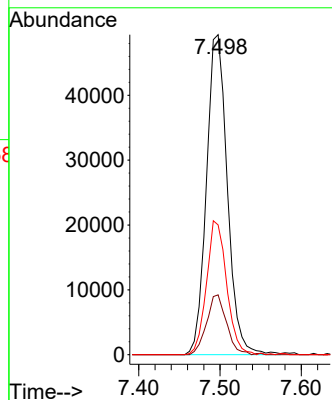
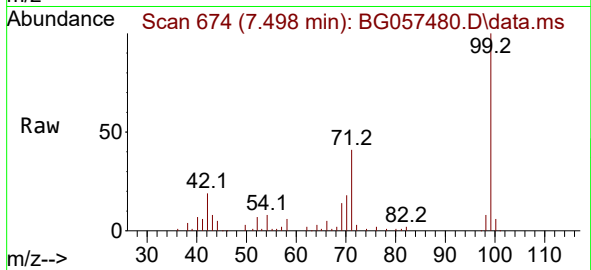




#7
Phenol-d6
Concen: 57.163 ng
RT: 7.498 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG057480.D
Acq: 19 May 2023 23:41

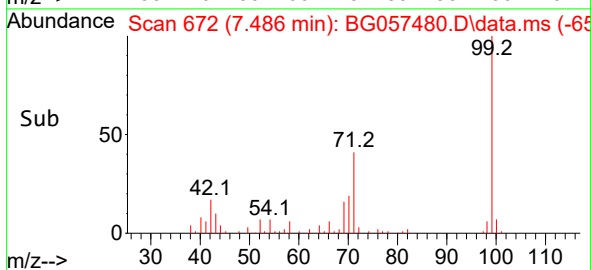
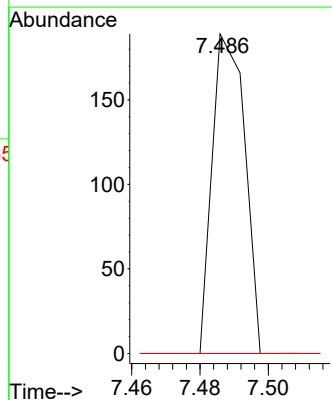
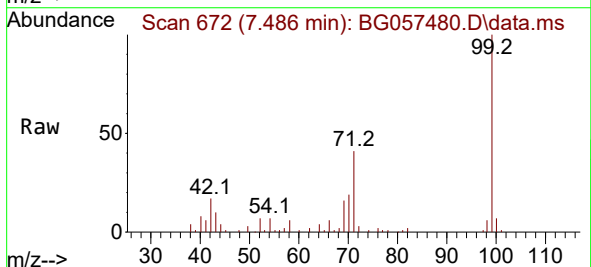
Instrument :
BNA_G
ClientSampleId :
TP7

Tgt Ion: 99 Resp: 88276
Ion Ratio Lower Upper
99 100
42 18.7 15.1 22.7
71 40.5 35.2 52.8



#9
Benzaldehyde
Concen: Below Cal
RT: 7.486 min Scan# 672
Delta R.T. -0.000 min
Lab File: BG057480.D
Acq: 19 May 2023 23:41

Tgt Ion: 77 Resp: 125
Ion Ratio Lower Upper
77 100
105 0.0 74.6 114.6#
106 0.0 66.3 106.3#

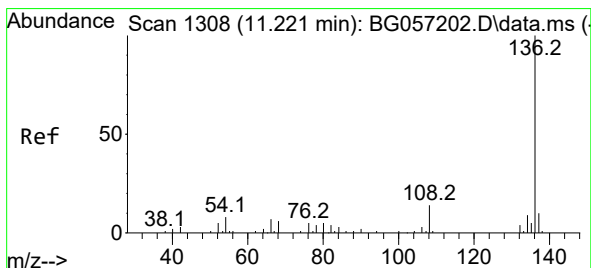
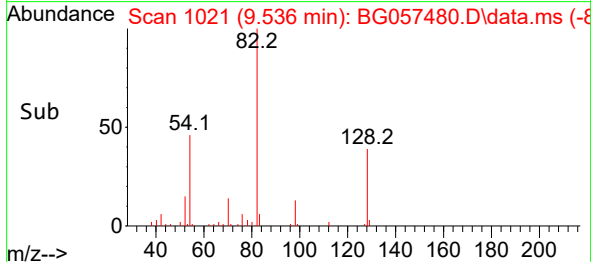
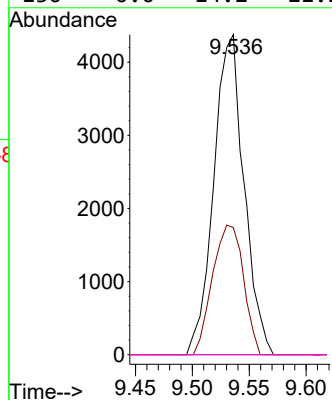
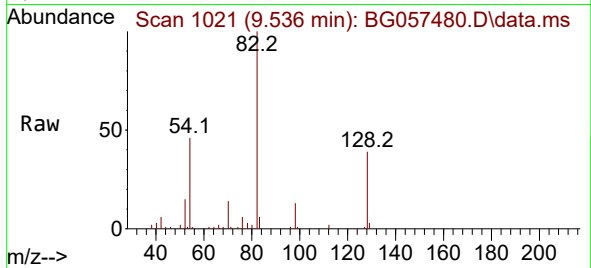




#19
n-Nitroso-di-n-propylamine
Concen: 6.877 ng
RT: 9.536 min Scan# 1021
Delta R.T. 0.375 min
Lab File: BG057480.D
Acq: 19 May 2023 23:41

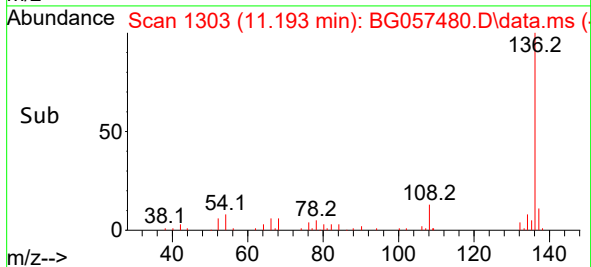
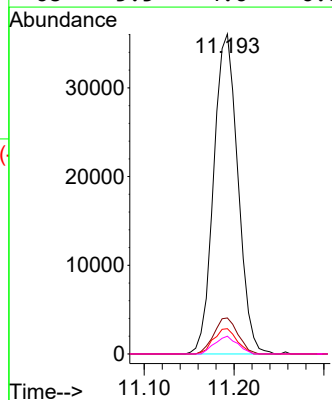
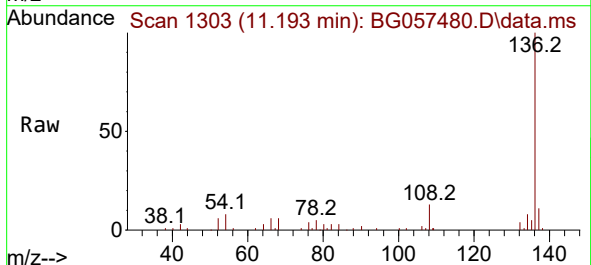
Instrument :
BNA_G
ClientSampleId :
TP7

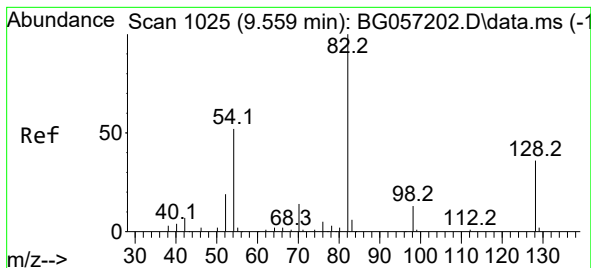
Tgt Ion: 70 Resp: 8098
Ion Ratio Lower Upper
70 100
42 39.7 41.8 62.8#
101 0.0 6.8 10.2#
130 0.0 14.2 21.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.193 min Scan# 1303
Delta R.T. -0.006 min
Lab File: BG057480.D
Acq: 19 May 2023 23:41

Tgt Ion: 136 Resp: 67451
Ion Ratio Lower Upper
136 100
137 11.3 8.3 12.5
54 7.9 6.7 10.1
68 5.5 4.6 6.8





#23

Nitrobenzene-d5

Concen: 36.324 ng

RT: 9.530 min Scan# 1025

Delta R.T. -0.006 min

Lab File: BG057480.D

Acq: 19 May 2023 23:41

Instrument :

BNA_G

ClientSampleId :

TP7

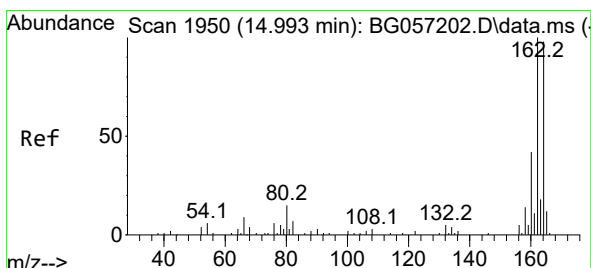
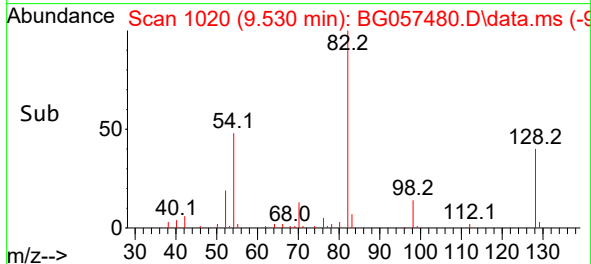
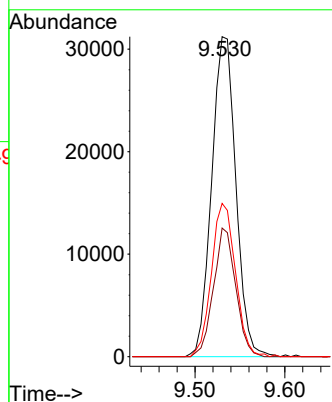
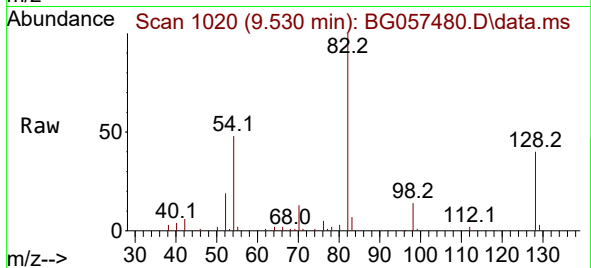
Tgt Ion: 82 Resp: 58376

Ion Ratio Lower Upper

82 100

128 40.2 29.0 43.4

54 47.9 41.4 62.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.970 min Scan# 1946

Delta R.T. -0.006 min

Lab File: BG057480.D

Acq: 19 May 2023 23:41

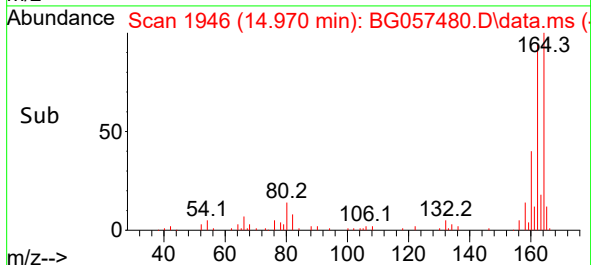
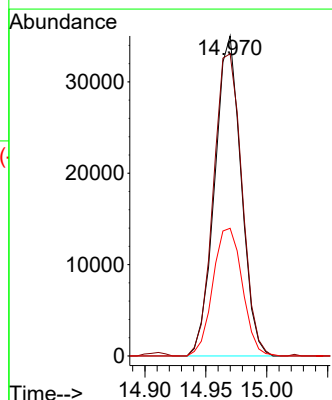
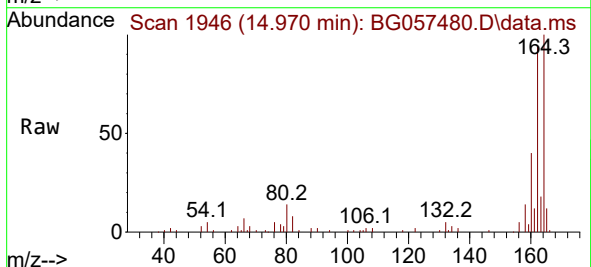
Tgt Ion:164 Resp: 52735

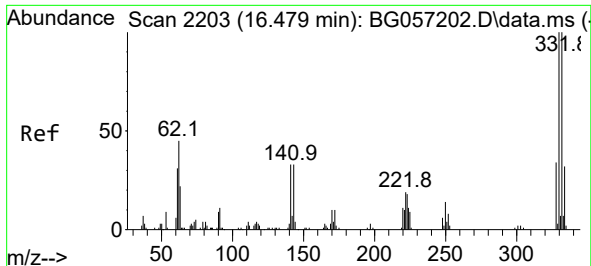
Ion Ratio Lower Upper

164 100

162 94.5 81.8 122.6

160 39.9 34.6 52.0

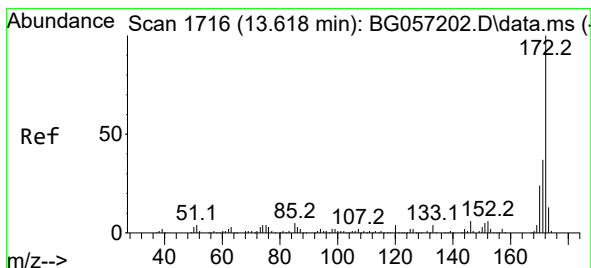
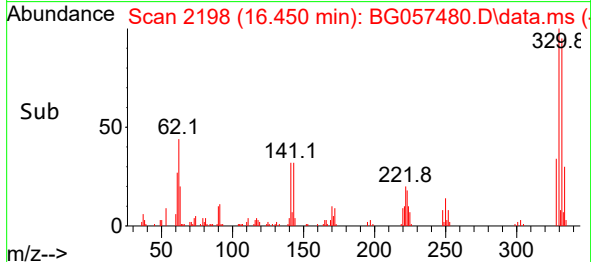
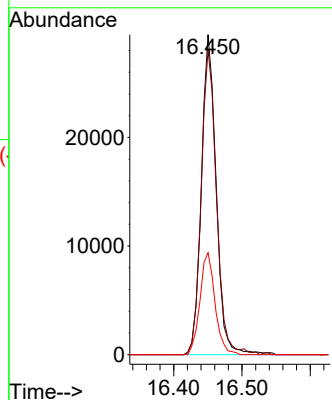
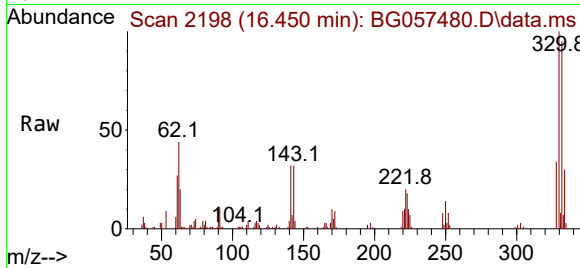




#42
2,4,6-Tribromophenol
Concen: 59.532 ng
RT: 16.450 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BG057480.D
Acq: 19 May 2023 23:41

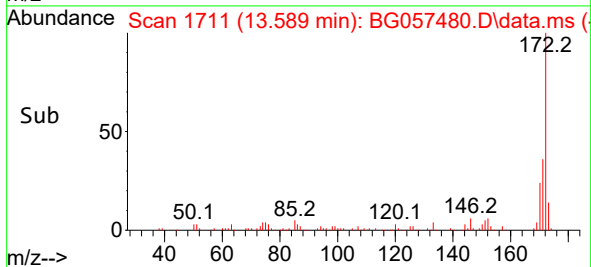
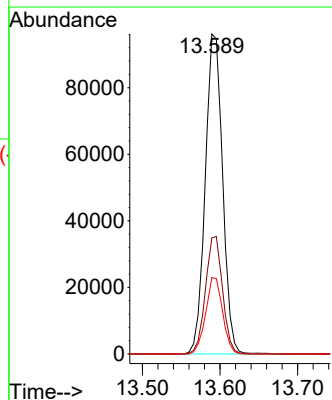
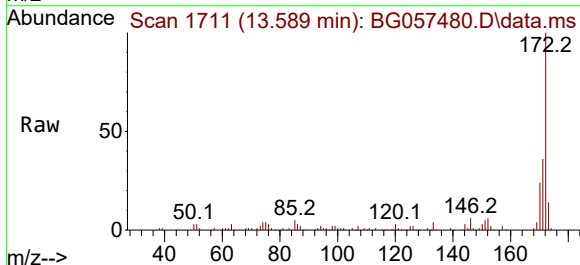
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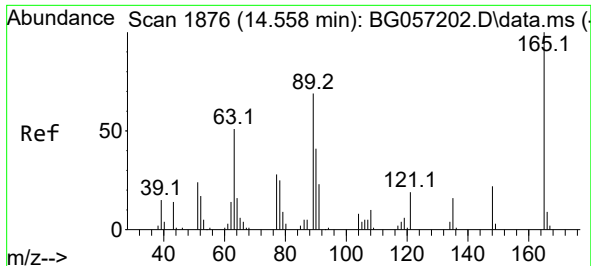
Tgt Ion:330 Resp: 44545
Ion Ratio Lower Upper
330 100
332 97.6 78.2 117.2
141 32.4 27.8 41.8



#45
2-Fluorobiphenyl
Concen: 38.122 ng
RT: 13.589 min Scan# 1711
Delta R.T. -0.012 min
Lab File: BG057480.D
Acq: 19 May 2023 23:41

Tgt Ion:172 Resp: 149271
Ion Ratio Lower Upper
172 100
171 36.3 29.4 44.0
170 23.8 19.0 28.6

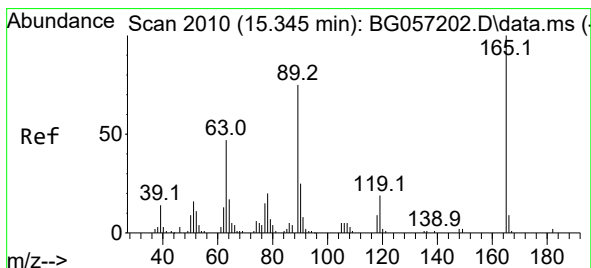
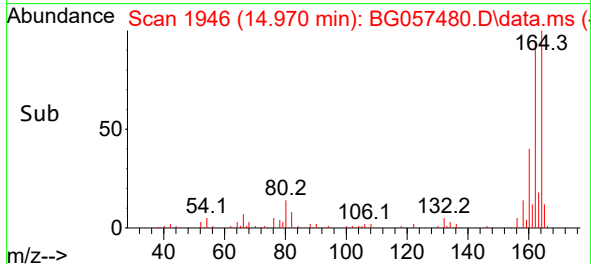
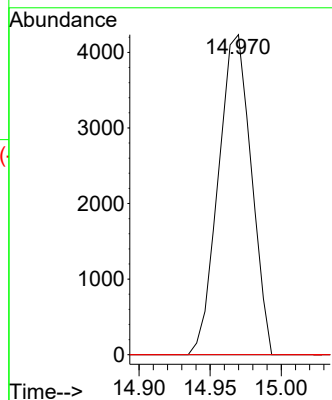
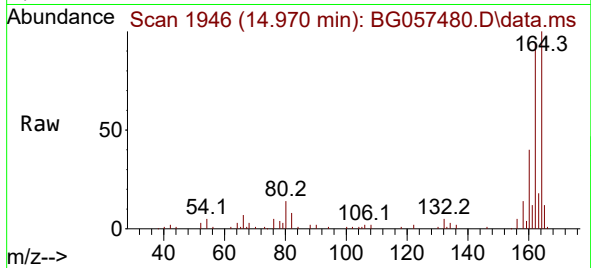




#51
2,6-Dinitrotoluene
Concen: 7.714 ng
RT: 14.970 min Scan# 1946
Delta R.T. 0.428 min
Lab File: BG057480.D
Acq: 19 May 2023 23:41

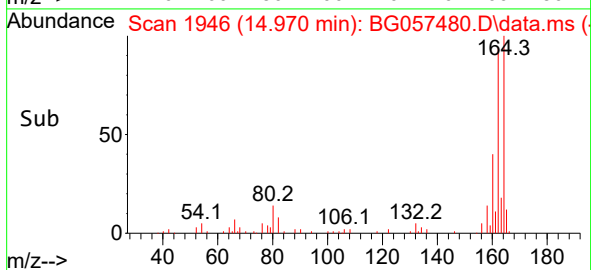
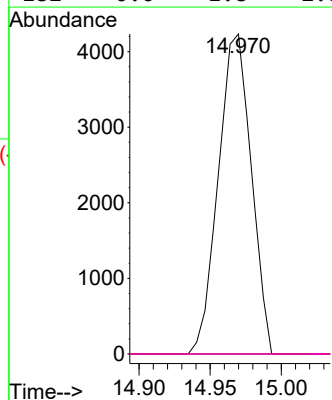
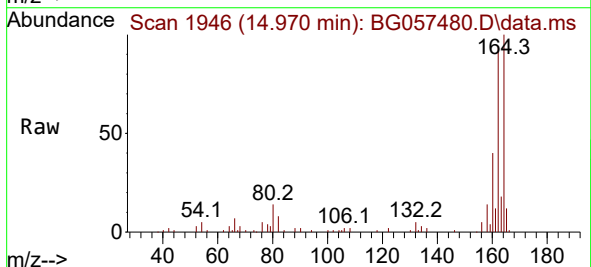
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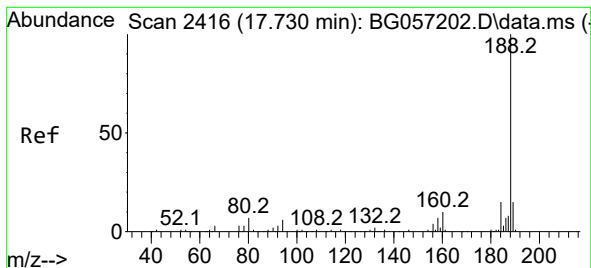
Tgt Ion:165 Resp: 6825
Ion Ratio Lower Upper
165 100
63 0.0 50.9 76.3#
89 0.0 55.2 82.8#



#57
2,4-Dinitrotoluene
Concen: 5.397 ng
RT: 14.970 min Scan# 1946
Delta R.T. -0.359 min
Lab File: BG057480.D
Acq: 19 May 2023 23:41

Tgt Ion:165 Resp: 6825
Ion Ratio Lower Upper
165 100
63 0.0 37.5 56.3#
89 0.0 60.2 90.4#
182 0.0 1.8 2.8#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.707 min Scan# 2416

Delta R.T. -0.006 min

Lab File: BG057480.D

Acq: 19 May 2023 23:41

Instrument :

BNA_G

ClientSampleId :

TP7

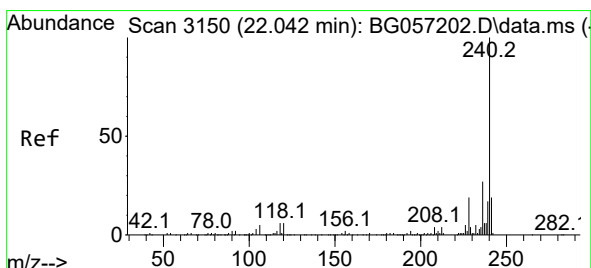
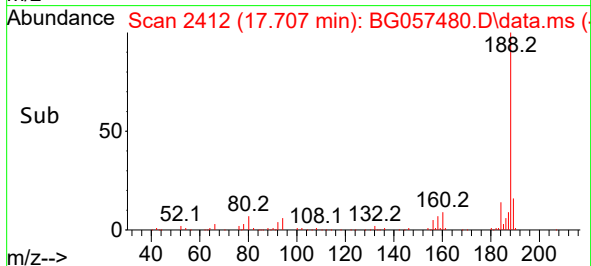
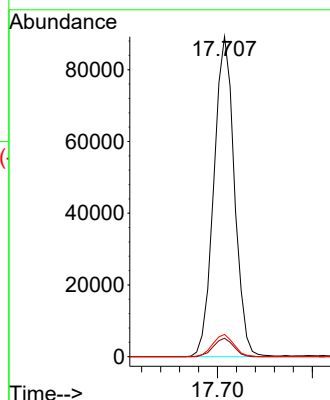
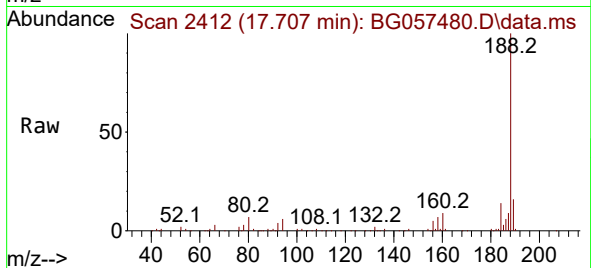
Tgt Ion:188 Resp: 134205

Ion Ratio Lower Upper

188 100

94 5.7 5.1 7.7

80 7.0 5.7 8.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.013 min Scan# 3145

Delta R.T. -0.006 min

Lab File: BG057480.D

Acq: 19 May 2023 23:41

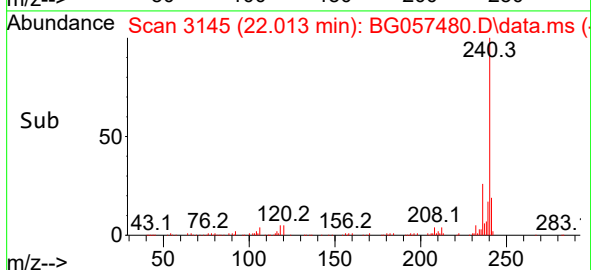
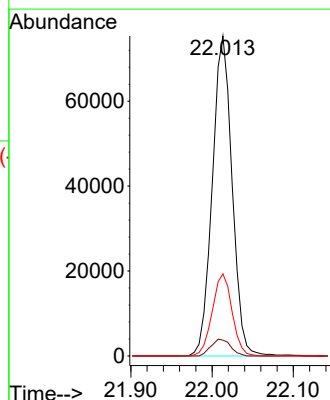
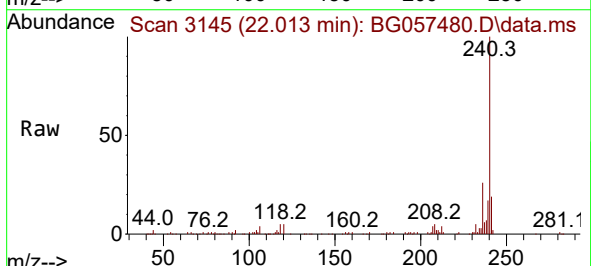
Tgt Ion:240 Resp: 127704

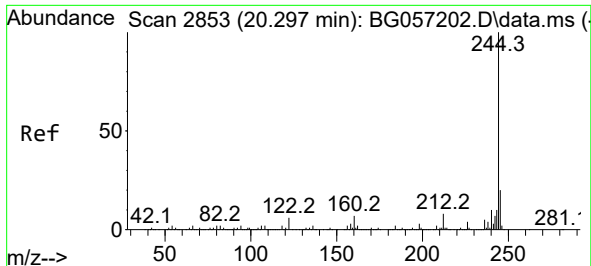
Ion Ratio Lower Upper

240 100

120 4.9 4.9 7.3

236 25.7 21.4 32.2

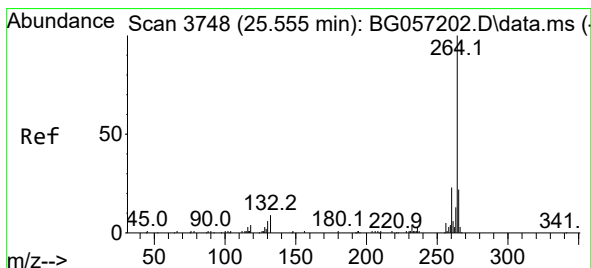
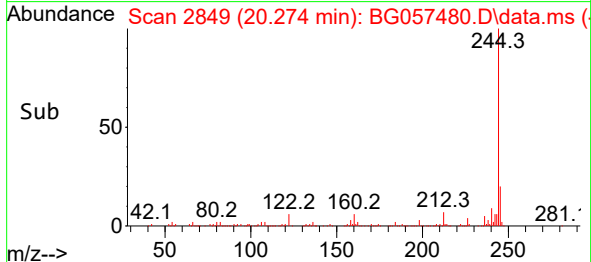
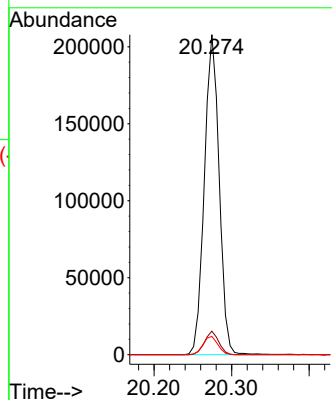
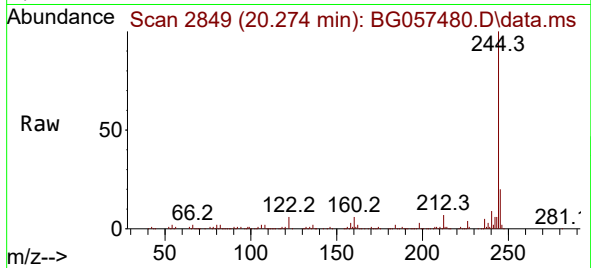




#79
 Terphenyl-d14
 Concen: 35.122 ng
 RT: 20.274 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG057480.D
 Acq: 19 May 2023 23:41

Instrument :
 BNA_G
 ClientSampleId :
 TP7

Tgt Ion:244 Resp: 274843
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 5.7 5.1 7.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.509 min Scan# 3740
 Delta R.T. -0.006 min
 Lab File: BG057480.D
 Acq: 19 May 2023 23:41

Tgt Ion:264 Resp: 134777
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.8 28.2
 265 22.7 17.9 26.9

