

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041223\
 Data File : BG057070.D
 Acq On : 12 Apr 2023 19:22
 Operator : CG/JU
 Sample : 02292-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 IDW-SO-G2-041123

Quant Time: Apr 13 05:26:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 13 05:15:23 2023
 Response via : Initial Calibration

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

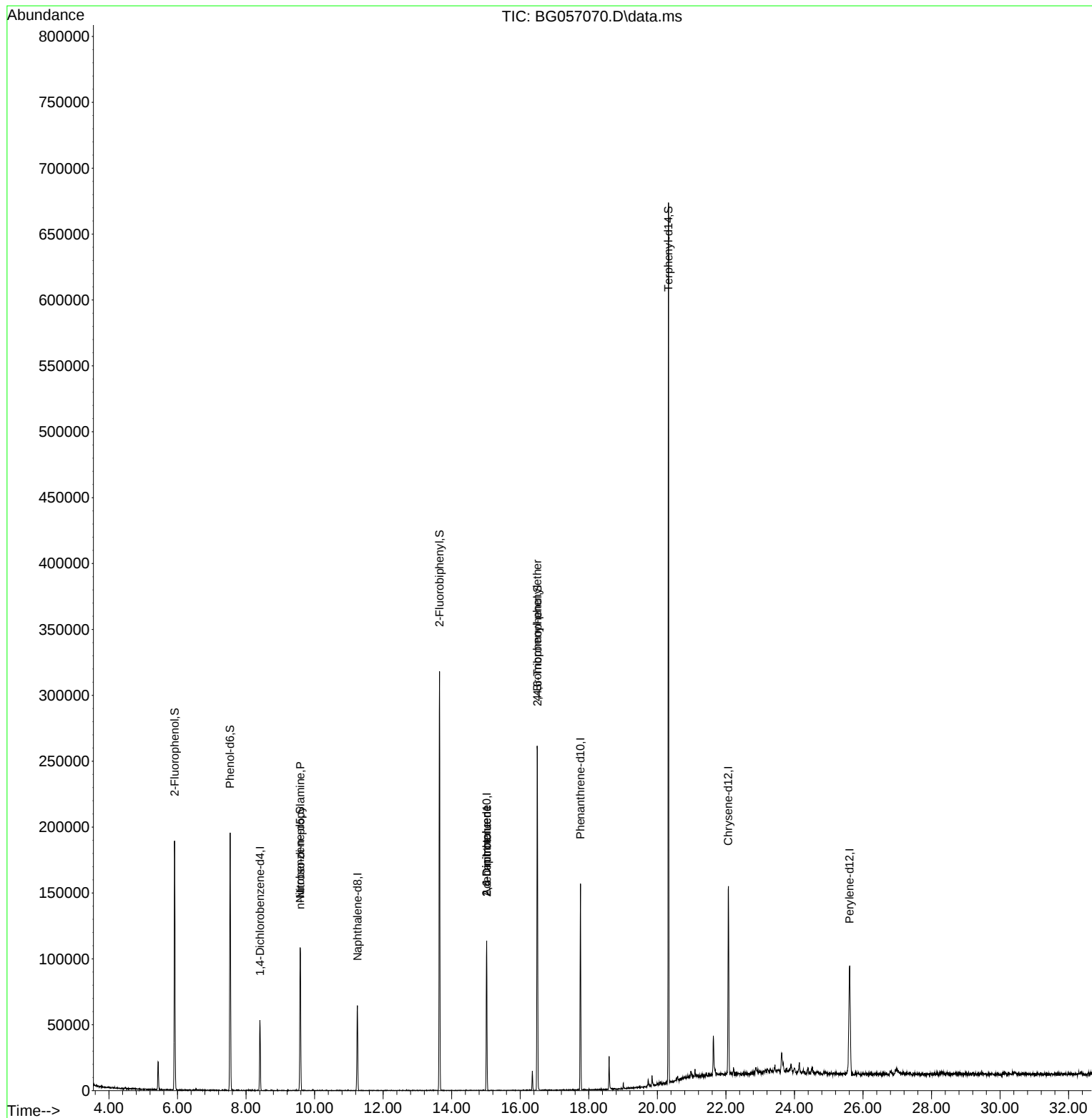
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.405	152	14197	20.000	ng	0.00
21) Naphthalene-d8	11.248	136	54416	20.000	ng	# 0.00
39) Acenaphthene-d10	15.019	164	39536	20.000	ng	0.00
64) Phenanthrene-d10	17.757	188	97077	20.000	ng	# 0.00
76) Chrysene-d12	22.069	240	91034	20.000	ng	#-0.01
86) Perylene-d12	25.605	264	99200	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.914	112	80229	90.443	ng	0.00
7) Phenol-d6	7.535	99	112762	84.993	ng	0.00
23) Nitrobenzene-d5	9.580	82	70477	52.995	ng	0.00
42) 2,4,6-Tribromophenol	16.500	330	56021	88.697	ng	0.00
45) 2-Fluorobiphenyl	13.645	172	160364	55.002	ng	0.00
79) Terphenyl-d14	20.324	244	318027	59.116	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.586	70	9913	10.446	ng	# 86
51) 2,6-Dinitrotoluene	15.019	165	5125	7.614	ng	# 18
57) 2,4-Dinitrotoluene	15.019	165	5125	5.399	ng	# 18
67) 4-Bromophenyl-phenylether	16.494	248	3316	2.761	ng	# 1

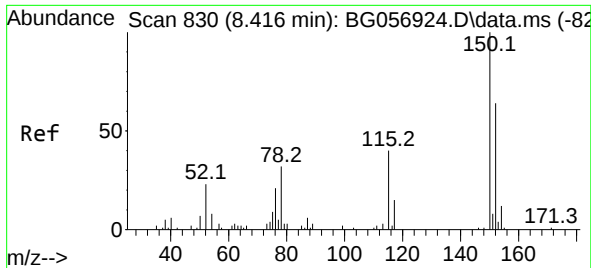
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041223\
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Quant Time: Apr 13 05:26:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 13 05:15:23 2023
Response via : Initial Calibration

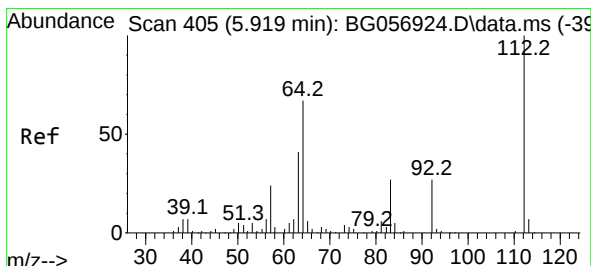
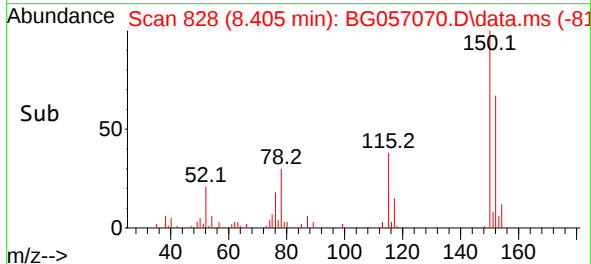
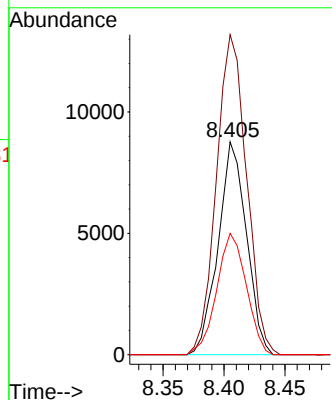
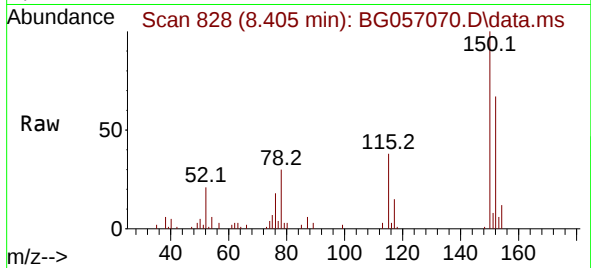




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.405 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG057070.D
Acq: 12 Apr 2023 19:22

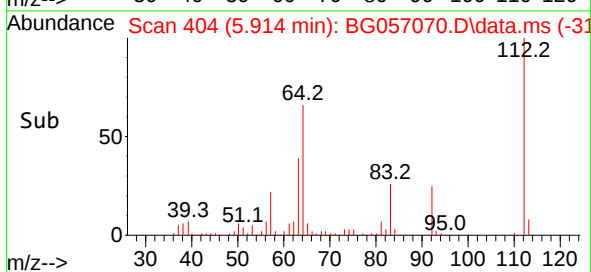
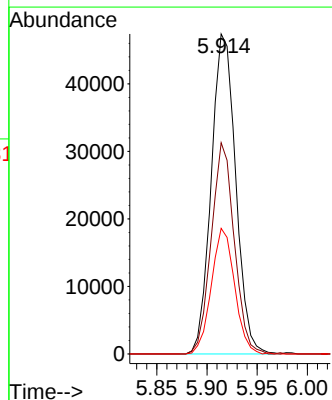
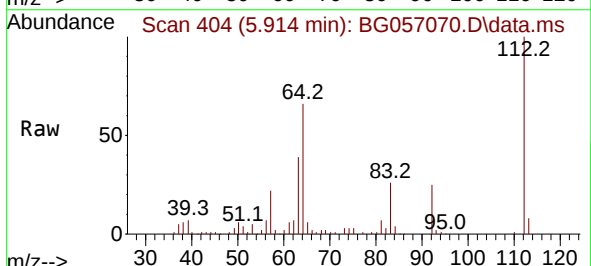
Instrument :
BNA_G
ClientSampleId :
IDW-SO-G2-041123

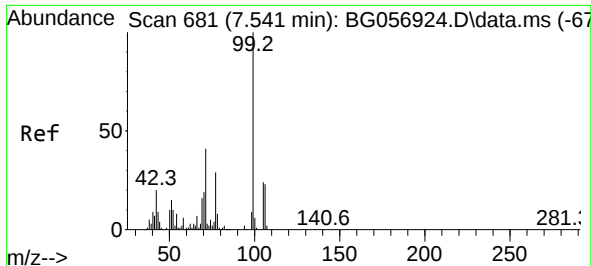
Tgt Ion:152 Resp: 14197
Ion Ratio Lower Upper
152 100
150 150.3 124.1 186.1
115 57.0 49.1 73.7



#5
2-Fluorophenol
Concen: 90.443 ng
RT: 5.914 min Scan# 404
Delta R.T. -0.000 min
Lab File: BG057070.D
Acq: 12 Apr 2023 19:22

Tgt Ion:112 Resp: 80229
Ion Ratio Lower Upper
112 100
64 66.0 53.2 79.8
63 39.3 32.6 48.8

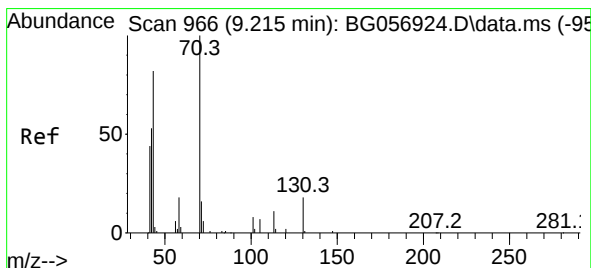
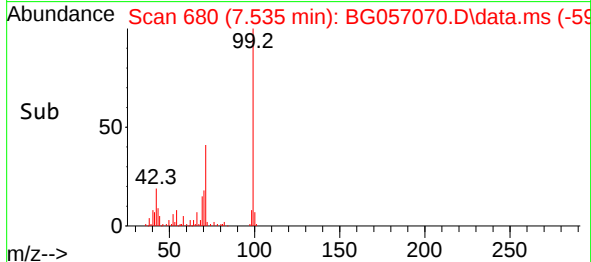
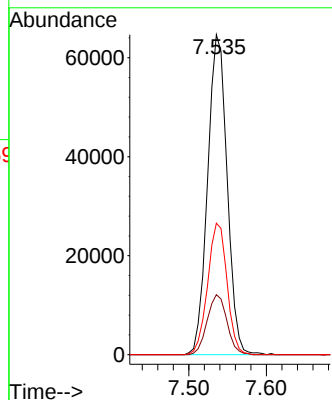
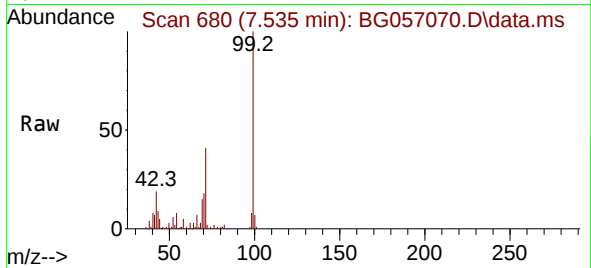




#7
Phenol-d6
Concen: 84.993 ng
RT: 7.535 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG057070.D
Acq: 12 Apr 2023 19:22

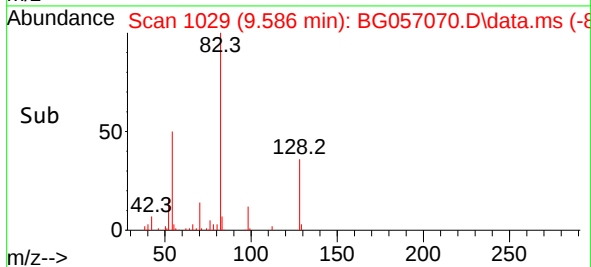
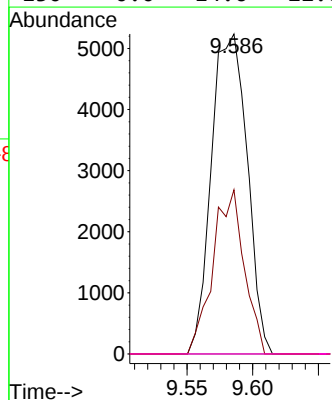
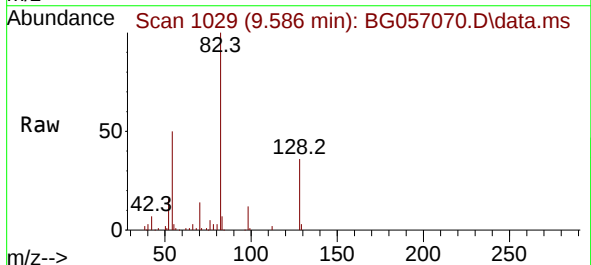
Instrument :
BNA_G
ClientSampleId :
IDW-SO-G2-041123

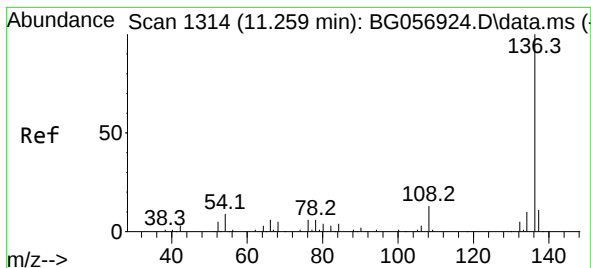
Tgt Ion: 99 Resp: 112762
Ion Ratio Lower Upper
99 100
42 18.8 15.7 23.5
71 41.1 32.5 48.7



#19
n-Nitroso-di-n-propylamine
Concen: 10.446 ng
RT: 9.586 min Scan# 1029
Delta R.T. 0.376 min
Lab File: BG057070.D
Acq: 12 Apr 2023 19:22

Tgt Ion: 70 Resp: 9913
Ion Ratio Lower Upper
70 100
42 51.3 43.4 65.0
101 0.0 6.2 9.2#
130 0.0 14.6 22.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.248 min Scan# 11

Delta R.T. -0.000 min

Lab File: BG057070.D

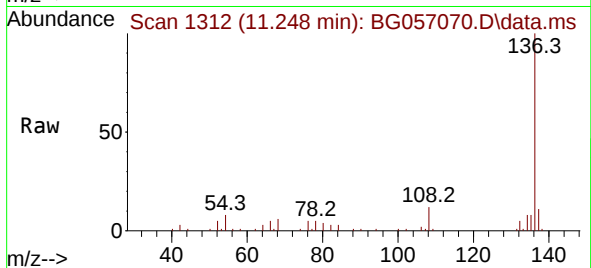
Acq: 12 Apr 2023 19:22

Instrument :

BNA_G

ClientSampleId :

IDW-SO-G2-041123



Tgt Ion:136 Resp: 54416

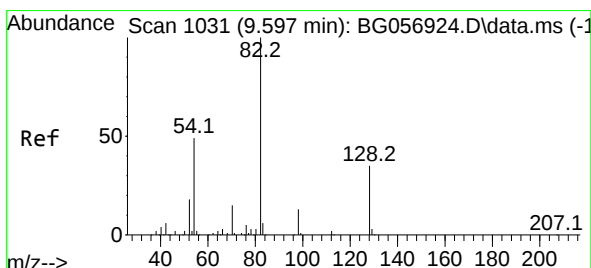
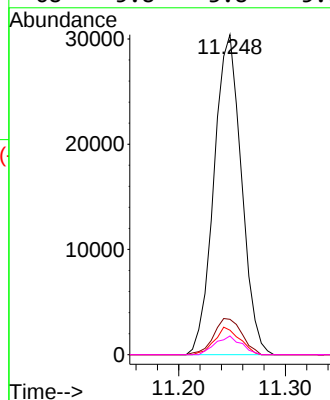
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 7.6 6.9 10.3

68 5.8 3.8 5.6#



#23

Nitrobenzene-d5

Concen: 52.995 ng

RT: 9.580 min Scan# 1028

Delta R.T. -0.006 min

Lab File: BG057070.D

Acq: 12 Apr 2023 19:22

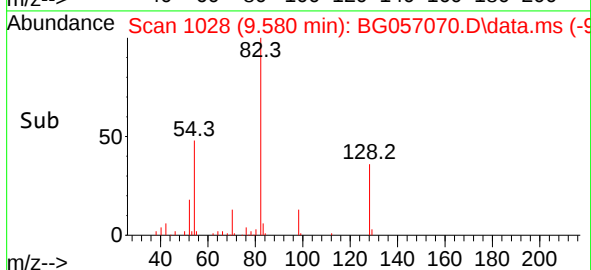
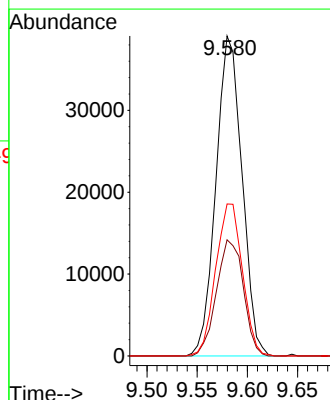
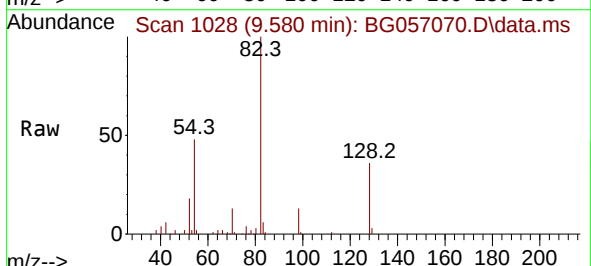
Tgt Ion: 82 Resp: 70477

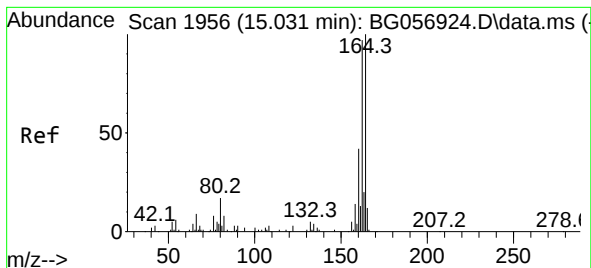
Ion Ratio Lower Upper

82 100

128 36.3 27.9 41.9

54 47.5 39.4 59.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.019 min Scan# 1954

Delta R.T. -0.000 min

Lab File: BG057070.D

Acq: 12 Apr 2023 19:22

Instrument :

BNA_G

ClientSampleId :

IDW-SO-G2-041123

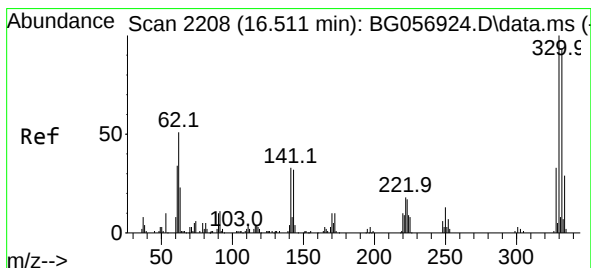
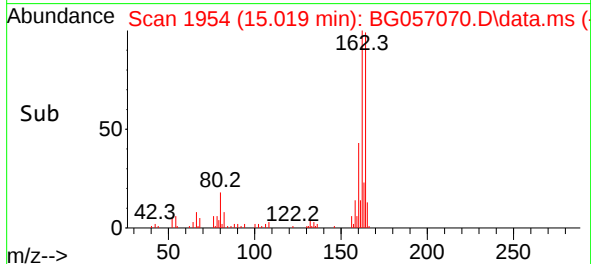
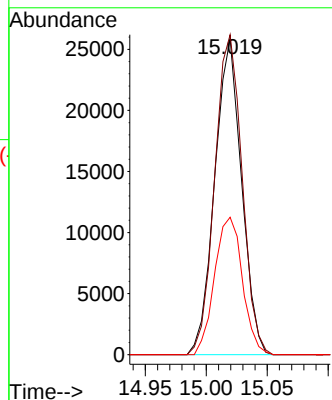
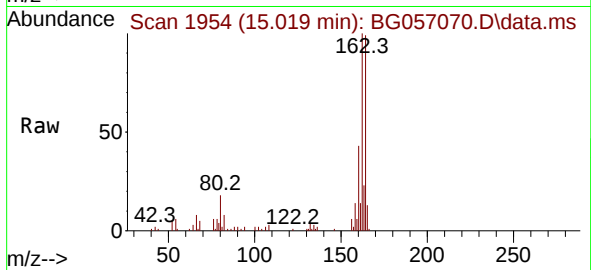
Tgt Ion:164 Resp: 39536

Ion Ratio Lower Upper

164 100

162 101.2 77.8 116.8

160 43.5 33.5 50.3



#42

2,4,6-Tribromophenol

Concen: 88.697 ng

RT: 16.500 min Scan# 2206

Delta R.T. -0.000 min

Lab File: BG057070.D

Acq: 12 Apr 2023 19:22

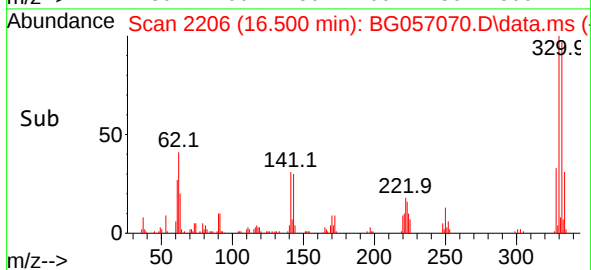
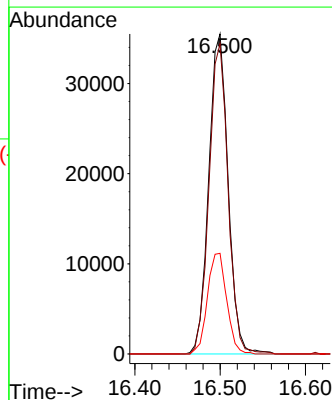
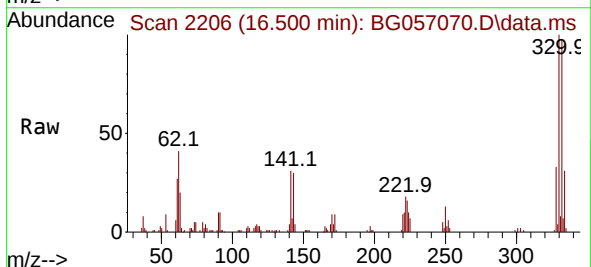
Tgt Ion:330 Resp: 56021

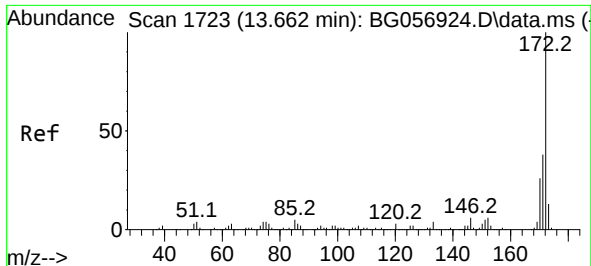
Ion Ratio Lower Upper

330 100

332 95.2 76.1 114.1

141 31.2 25.8 38.6

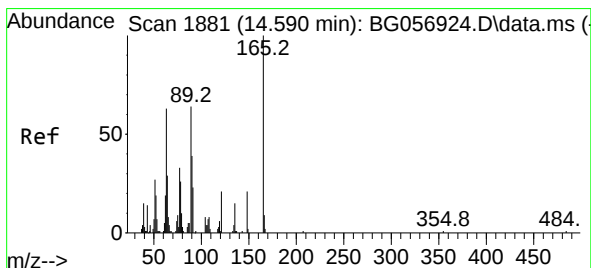
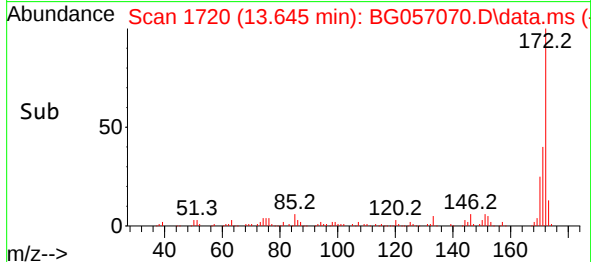
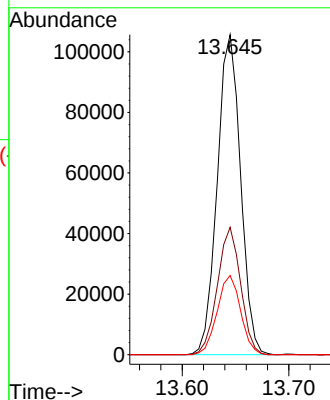
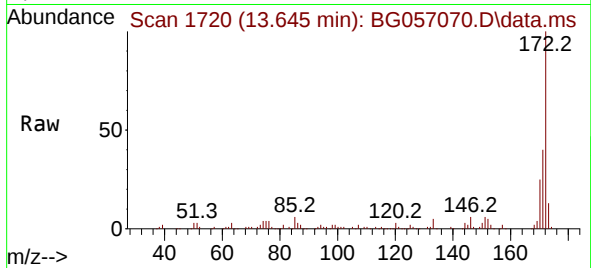




#45
2-Fluorobiphenyl
Concen: 55.002 ng
RT: 13.645 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG057070.D
Acq: 12 Apr 2023 19:22

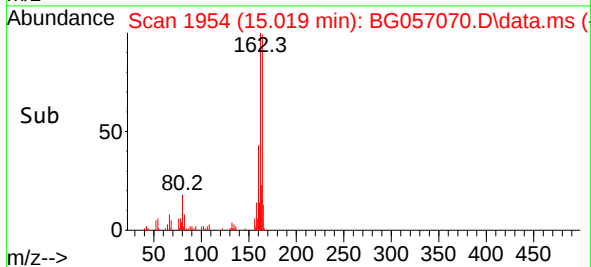
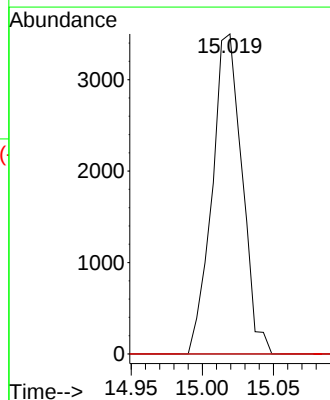
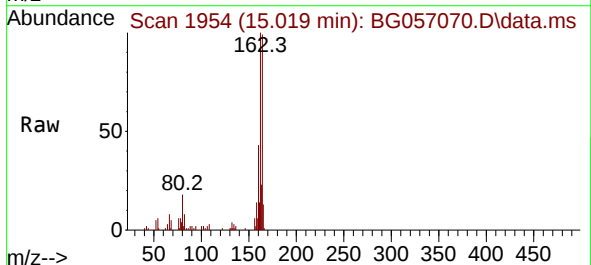
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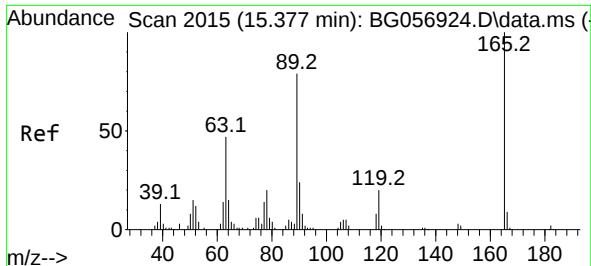
Tgt Ion:172 Resp: 160364
Ion Ratio Lower Upper
172 100
171 39.8 30.6 46.0
170 24.8 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 7.614 ng
RT: 15.019 min Scan# 1954
Delta R.T. 0.434 min
Lab File: BG057070.D
Acq: 12 Apr 2023 19:22

Tgt Ion:165 Resp: 5125
Ion Ratio Lower Upper
165 100
63 0.0 53.0 79.6#
89 0.0 51.0 76.4#





#57

2,4-Dinitrotoluene

Concen: 5.399 ng

RT: 15.019 min Scan# 1954

Delta R.T. -0.347 min

Lab File: BG057070.D

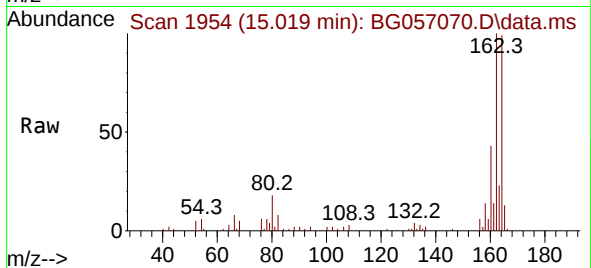
Acq: 12 Apr 2023 19:22

Instrument :

BNA_G

ClientSampleId :

IDW-SO-G2-041123



Tgt Ion:165 Resp: 5125

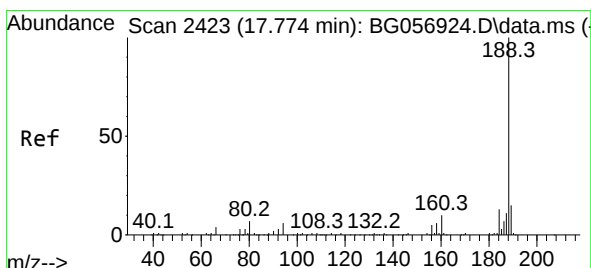
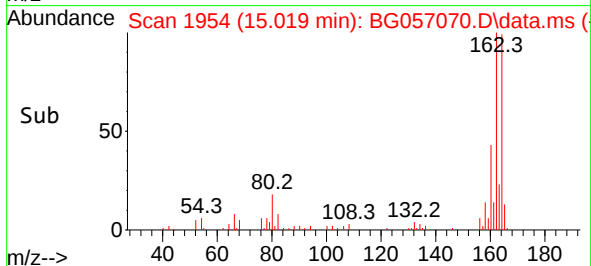
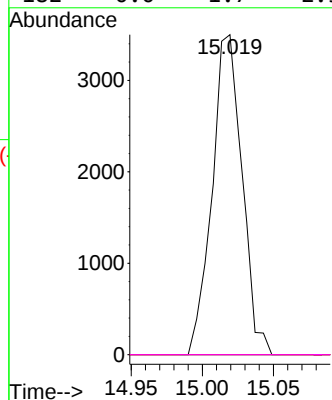
Ion Ratio Lower Upper

165 100

63 0.0 37.7 56.5#

89 0.0 63.2 94.8#

182 0.0 1.7 2.5#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.757 min Scan# 2420

Delta R.T. -0.006 min

Lab File: BG057070.D

Acq: 12 Apr 2023 19:22

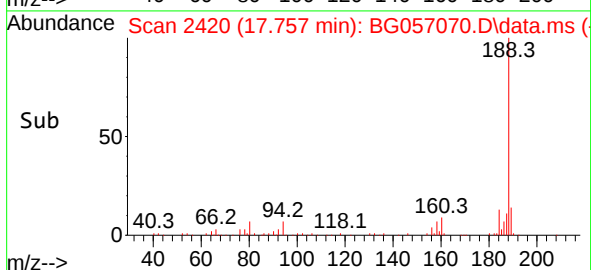
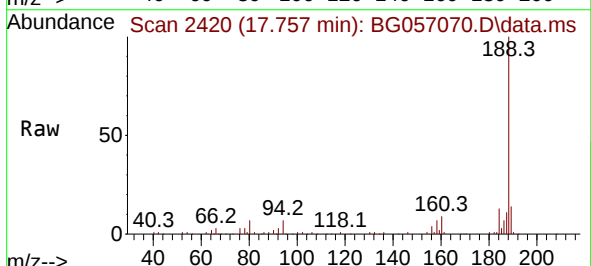
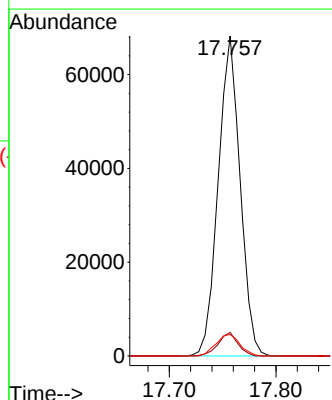
Tgt Ion:188 Resp: 97077

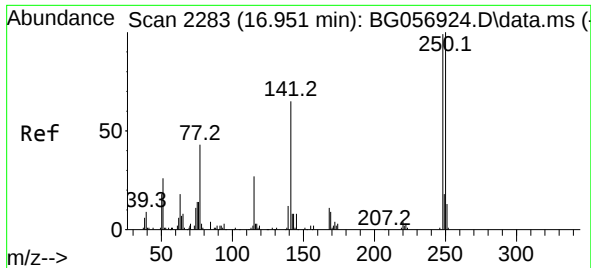
Ion Ratio Lower Upper

188 100

94 7.3 4.6 6.8#

80 6.7 5.5 8.3

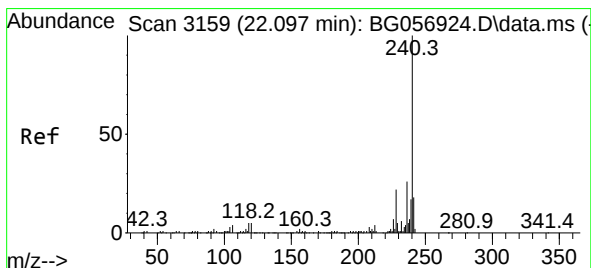
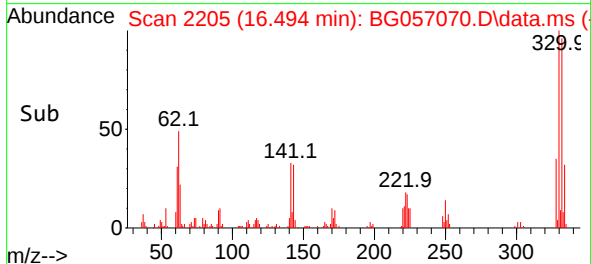
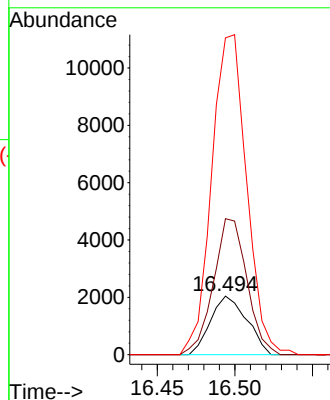
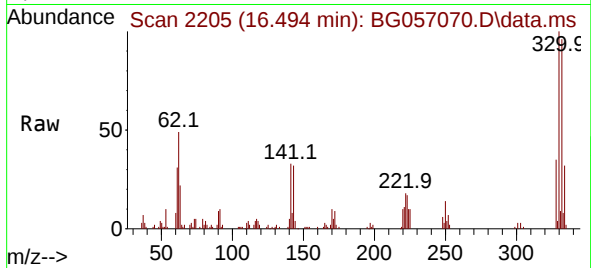




#67
4-Bromophenyl-phenylether
Concen: 2.761 ng
RT: 16.494 min Scan# 211
Delta R.T. -0.441 min
Lab File: BG057070.D
Acq: 12 Apr 2023 19:22

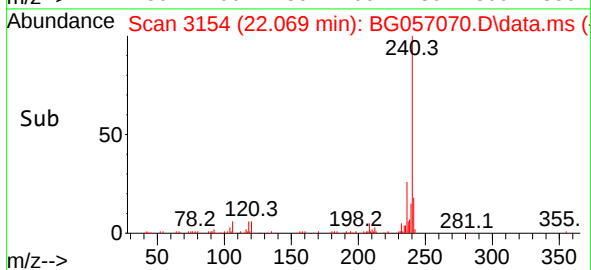
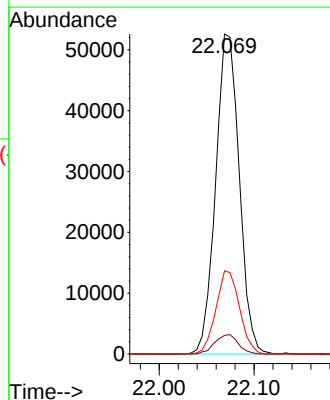
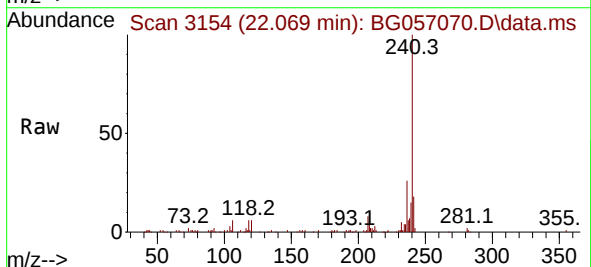
Instrument :
BNA_G
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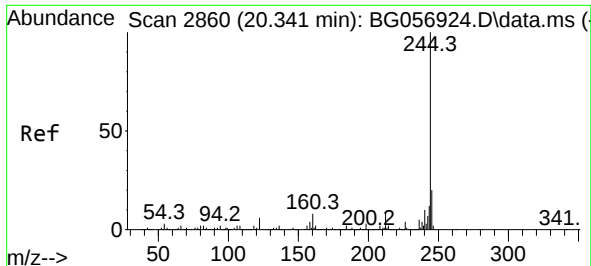
Tgt Ion:248 Resp: 3316
Ion Ratio Lower Upper
248 100
250 232.2 80.5 120.7#
141 541.3 52.0 78.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.069 min Scan# 3154
Delta R.T. -0.012 min
Lab File: BG057070.D
Acq: 12 Apr 2023 19:22

Tgt Ion:240 Resp: 91034
Ion Ratio Lower Upper
240 100
120 5.8 3.8 5.6#
236 25.9 21.0 31.6

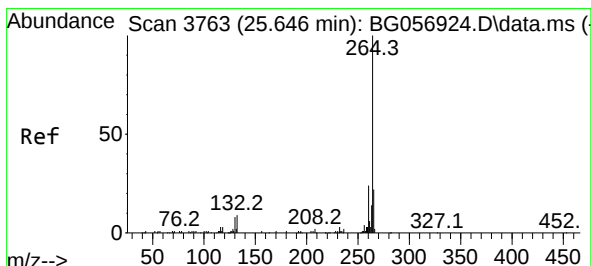
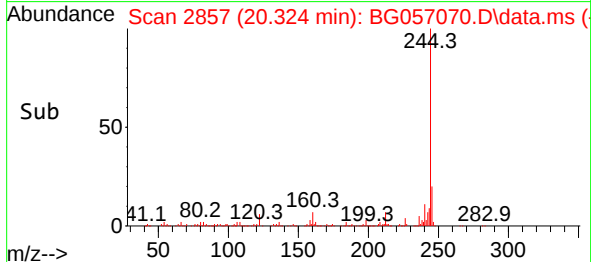
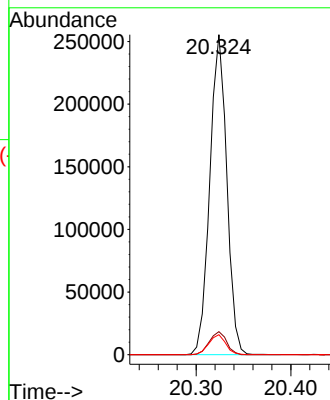
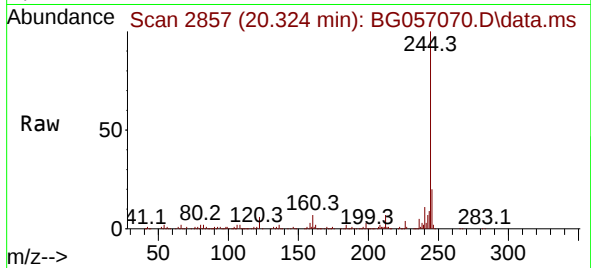




#79
 Terphenyl-d14
 Concen: 59.116 ng
 RT: 20.324 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG057070.D
 Acq: 12 Apr 2023 19:22

Instrument :
 BNA_G
 ClientSampleId :
 IDW-SO-G2-041123

Tgt Ion:244 Resp: 318027
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 6.3 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.605 min Scan# 3756
 Delta R.T. -0.006 min
 Lab File: BG057070.D
 Acq: 12 Apr 2023 19:22

Tgt Ion:264 Resp: 99200
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.0 28.4
 265 20.0 17.8 26.6

