

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081523\
 Data File : BG058728.D
 Acq On : 15 Aug 2023 12:14
 Operator : MA/JU
 Sample : 03973-12
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-06-COMP

Quant Time: Aug 15 13:06:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

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

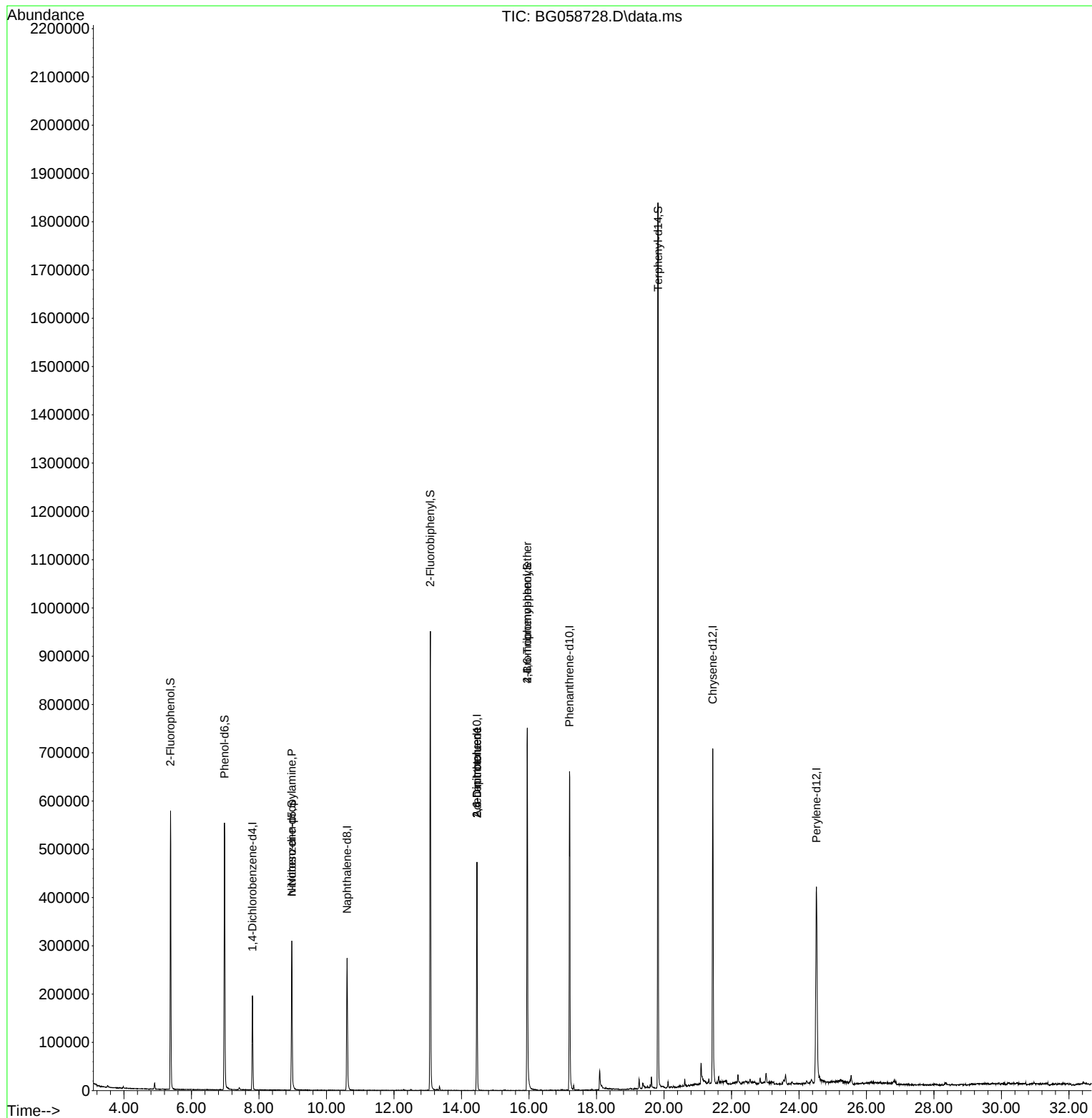
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.807	152	53843	20.000	ng	0.00
21) Naphthalene-d8	10.610	136	246491	20.000	ng	0.00
39) Acenaphthene-d10	14.459	164	171548	20.000	ng	0.00
64) Phenanthrene-d10	17.202	188	456306	20.000	ng	0.00
76) Chrysene-d12	21.444	240	416703	20.000	ng	0.00
86) Perylene-d12	24.517	264	474140	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	232512	66.004	ng	0.00
7) Phenol-d6	6.979	99	322835	65.861	ng	0.00
23) Nitrobenzene-d5	8.971	82	199241	39.708	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	183742	65.347	ng	0.00
45) 2-Fluorobiphenyl	13.078	172	548117	47.882	ng	0.00
79) Terphenyl-d14	19.823	244	956419	43.162	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.971	70	25775	8.141	ng	# 79
51) 2,6-Dinitrotoluene	14.459	165	22393	7.921	ng	# 24
57) 2,4-Dinitrotoluene	14.459	165	22393	5.714	ng	# 24
67) 4-Bromophenyl-phenylether	15.951	248	11302	2.184	ng	# 1

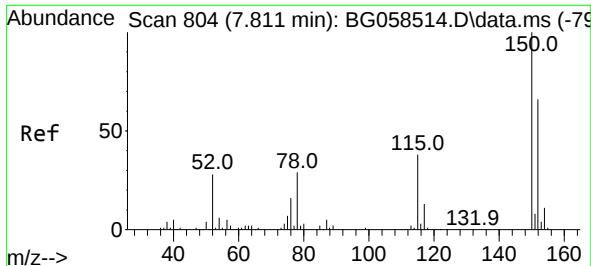
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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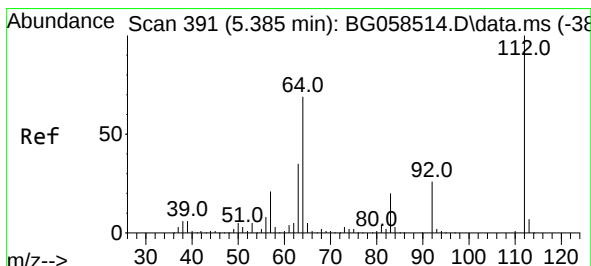
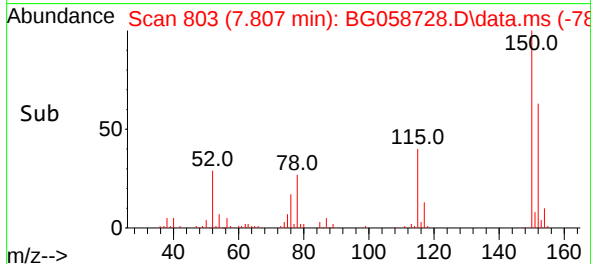
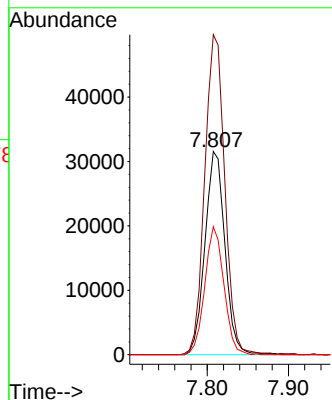
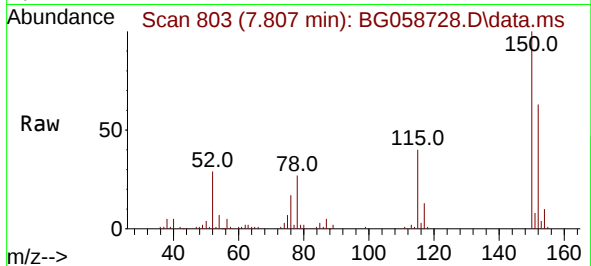




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.807 min Scan# 804
Delta R.T. -0.004 min
Lab File: BG058728.D
Acq: 15 Aug 2023 12:14

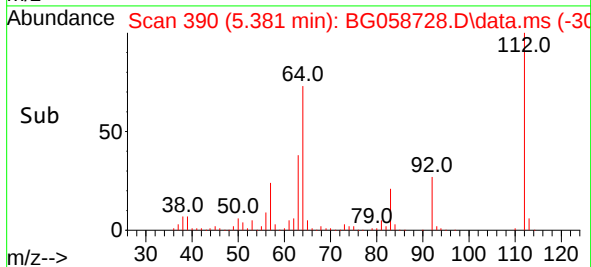
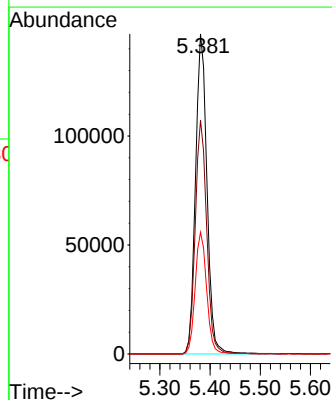
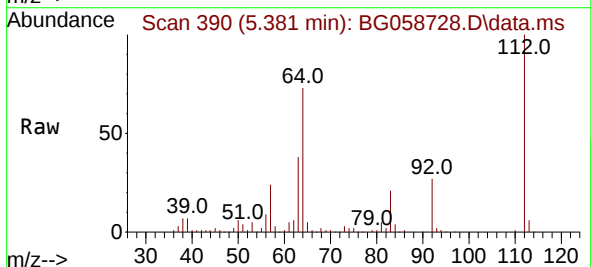
Instrument :
BNA_G
ClientSampleId :
SB-06-COMP

Tgt Ion:152 Resp: 53843
Ion Ratio Lower Upper
152 100
150 157.5 120.5 180.7
115 63.0 45.9 68.9



#5
2-Fluorophenol
Concen: 66.004 ng
RT: 5.381 min Scan# 390
Delta R.T. -0.004 min
Lab File: BG058728.D
Acq: 15 Aug 2023 12:14

Tgt Ion:112 Resp: 232512
Ion Ratio Lower Upper
112 100
64 73.1 55.3 82.9
63 38.0 28.3 42.5

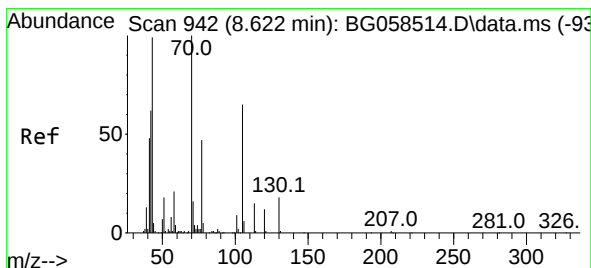
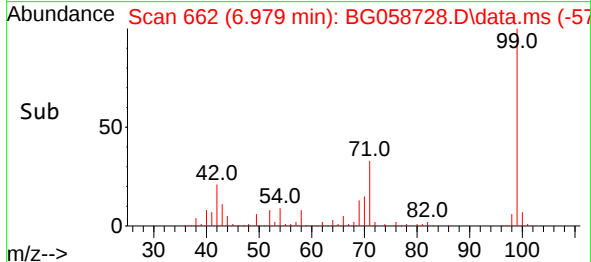
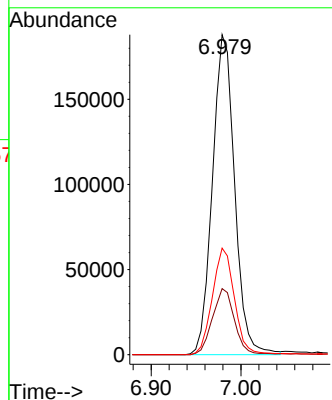
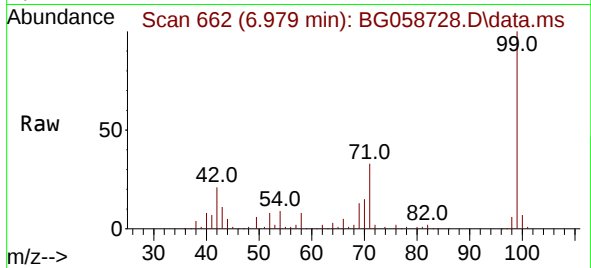




#7
Phenol-d6
Concen: 65.861 ng
RT: 6.979 min Scan# 60
Delta R.T. -0.004 min
Lab File: BG058728.D
Acq: 15 Aug 2023 12:14

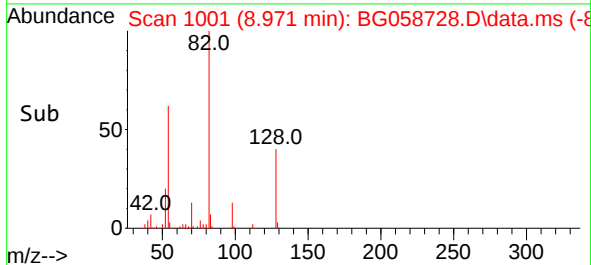
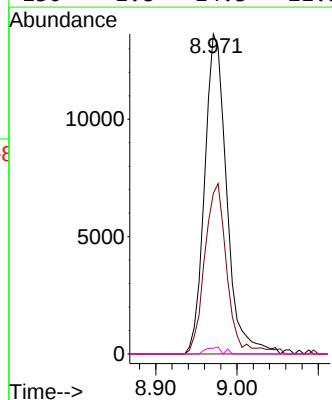
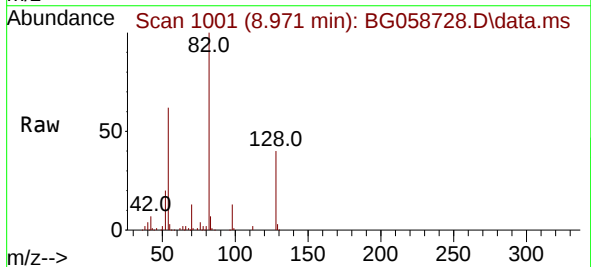
Instrument :
BNA_G
ClientSampleId :
SB-06-COMP

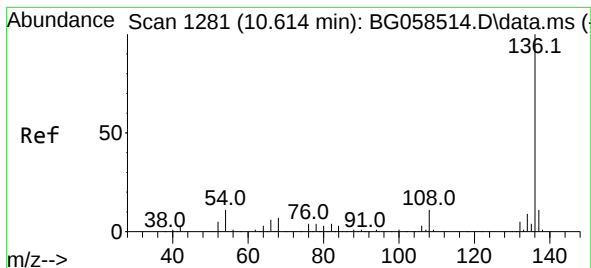
Tgt Ion: 99 Resp: 322835
Ion Ratio Lower Upper
99 100
42 20.7 14.6 21.8
71 33.3 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 8.141 ng
RT: 8.971 min Scan# 1001
Delta R.T. 0.349 min
Lab File: BG058728.D
Acq: 15 Aug 2023 12:14

Tgt Ion: 70 Resp: 25775
Ion Ratio Lower Upper
70 100
42 50.2 49.7 74.5
101 0.0 7.0 10.4#
130 1.8 14.3 21.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.610 min Scan# 1001

Delta R.T. -0.004 min

Lab File: BG058728.D

Acq: 15 Aug 2023 12:14

Instrument :

BNA_G

ClientSampleId :

SB-06-COMP

Tgt Ion:136 Resp: 246491

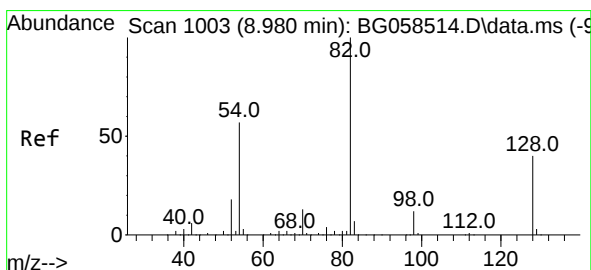
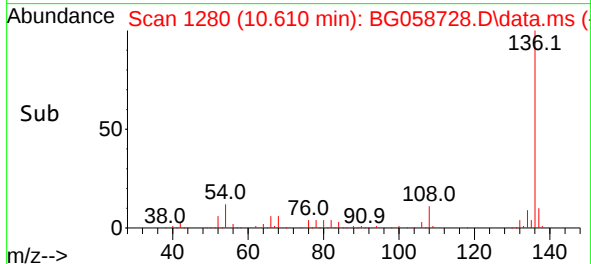
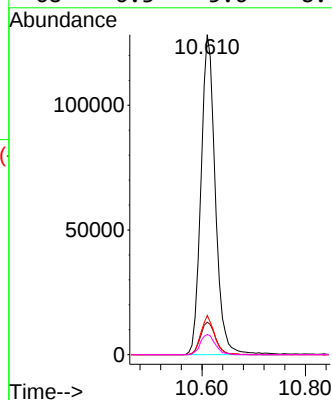
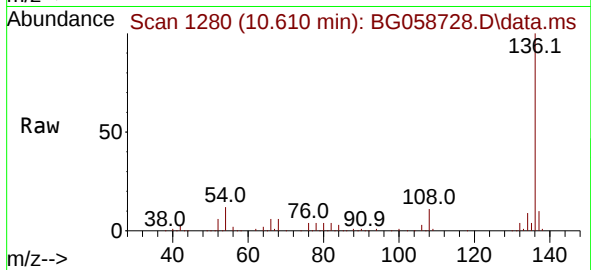
Ion Ratio Lower Upper

136 100

137 10.2 8.6 13.0

54 12.3 8.9 13.3

68 6.3 5.6 8.4



#23

Nitrobenzene-d5

Concen: 39.708 ng

RT: 8.971 min Scan# 1001

Delta R.T. -0.010 min

Lab File: BG058728.D

Acq: 15 Aug 2023 12:14

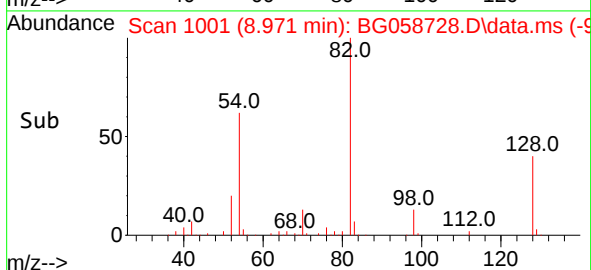
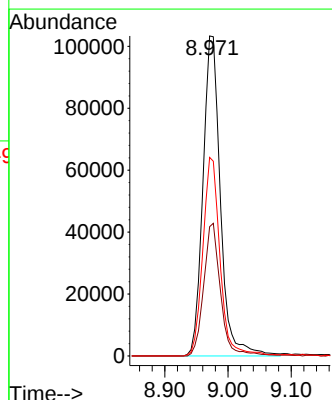
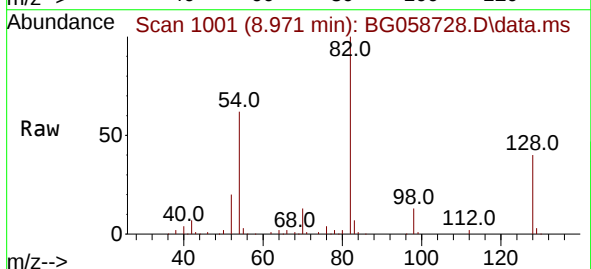
Tgt Ion: 82 Resp: 199241

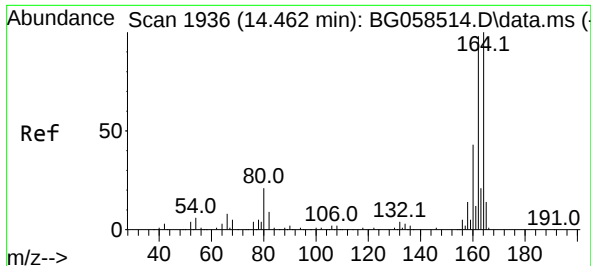
Ion Ratio Lower Upper

82 100

128 40.4 32.2 48.2

54 62.0 46.0 69.0

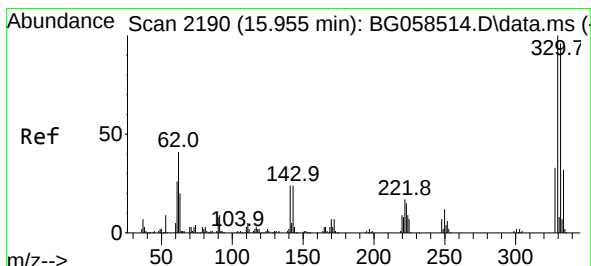
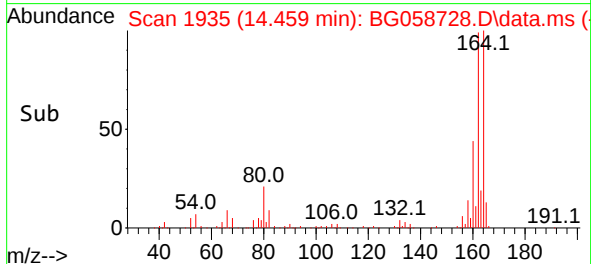
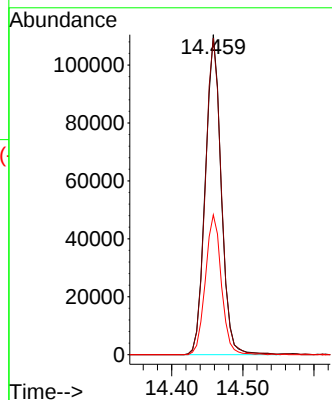
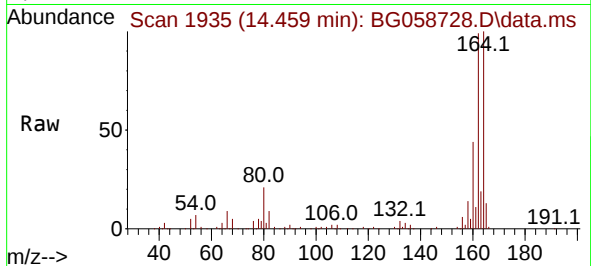




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.459 min Scan# 1935
Delta R.T. -0.004 min
Lab File: BG058728.D
Acq: 15 Aug 2023 12:14

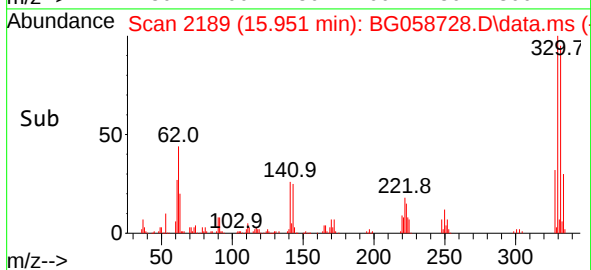
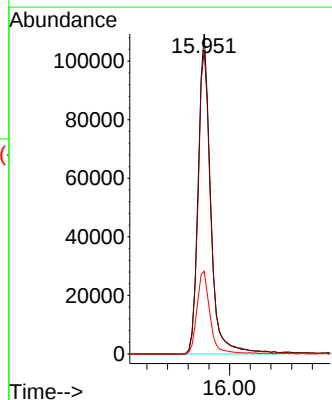
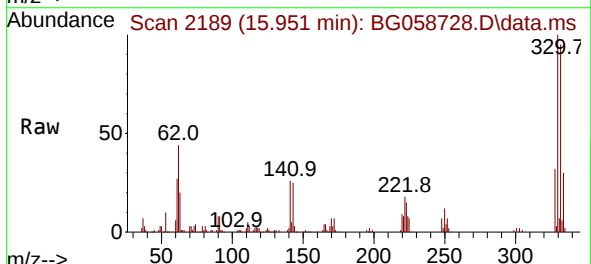
Instrument :
BNA_G
ClientSampleId :
SB-06-COMP

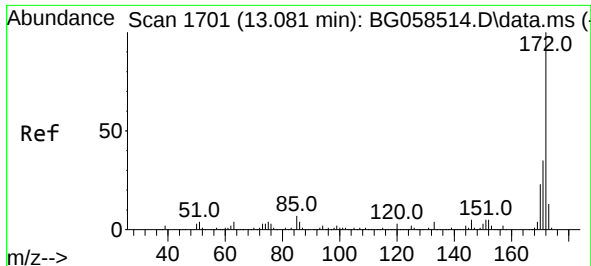
Tgt Ion:164 Resp: 171548
Ion Ratio Lower Upper
164 100
162 98.9 78.3 117.5
160 43.7 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 65.347 ng
RT: 15.951 min Scan# 2189
Delta R.T. -0.004 min
Lab File: BG058728.D
Acq: 15 Aug 2023 12:14

Tgt Ion:330 Resp: 183742
Ion Ratio Lower Upper
330 100
332 96.4 77.5 116.3
141 26.6 20.7 31.1

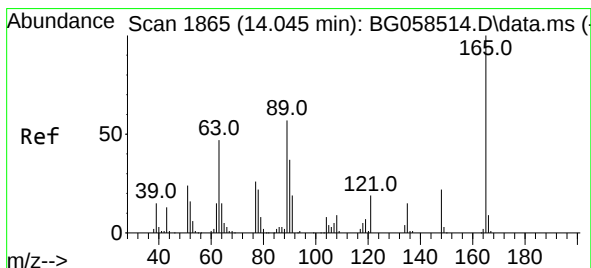
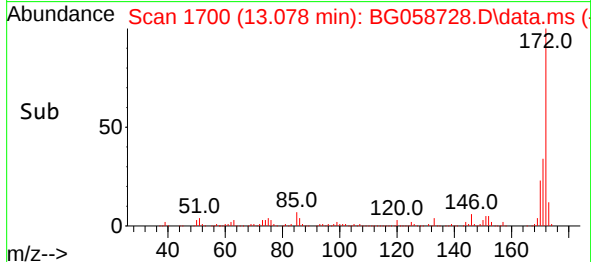
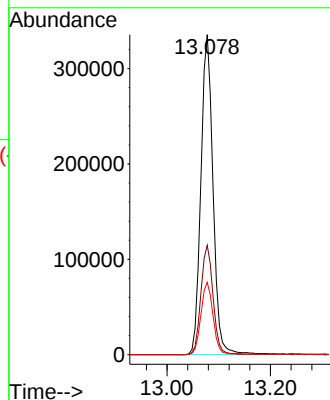
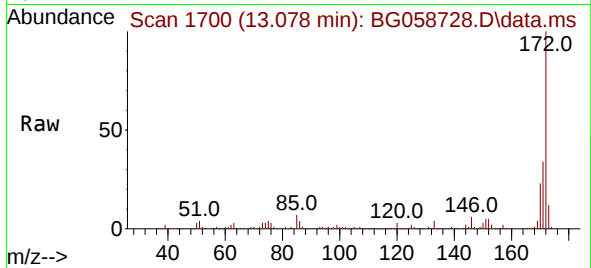




#45
2-Fluorobiphenyl
Concen: 47.882 ng
RT: 13.078 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG058728.D
Acq: 15 Aug 2023 12:14

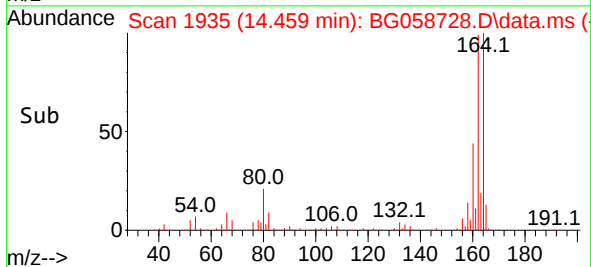
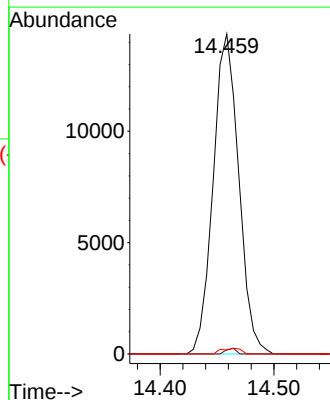
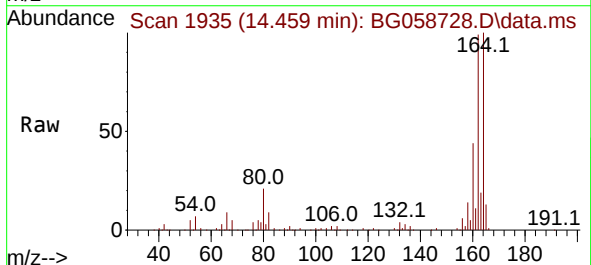
Instrument :
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ClientSampleId :
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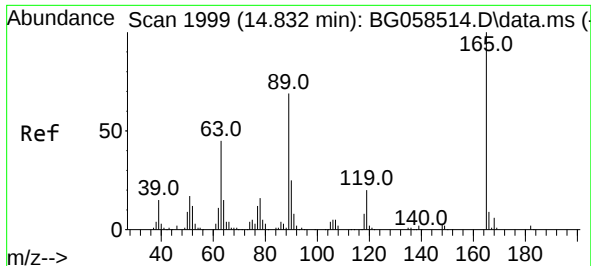
Tgt Ion:172 Resp: 548117
Ion Ratio Lower Upper
172 100
171 34.2 28.0 42.0
170 22.6 18.4 27.6



#51
2,6-Dinitrotoluene
Concen: 7.921 ng
RT: 14.459 min Scan# 1935
Delta R.T. 0.413 min
Lab File: BG058728.D
Acq: 15 Aug 2023 12:14

Tgt Ion:165 Resp: 22393
Ion Ratio Lower Upper
165 100
63 1.4 46.4 69.6#
89 1.2 45.3 67.9#





#57

2,4-Dinitrotoluene

Concen: 5.714 ng

RT: 14.459 min Scan# 1999

Delta R.T. -0.373 min

Lab File: BG058728.D

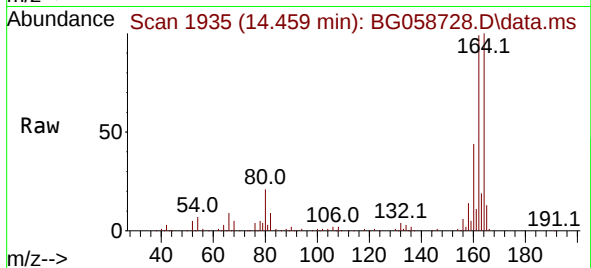
Acq: 15 Aug 2023 12:14

Instrument :

BNA_G

ClientSampleId :

SB-06-COMP



Tgt Ion:165 Resp: 22393

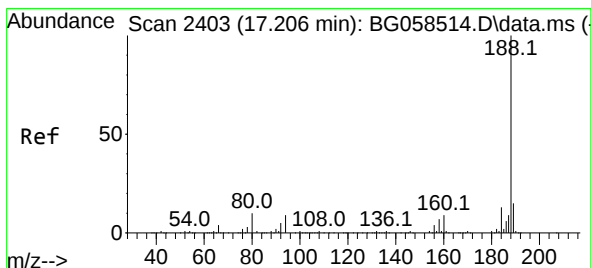
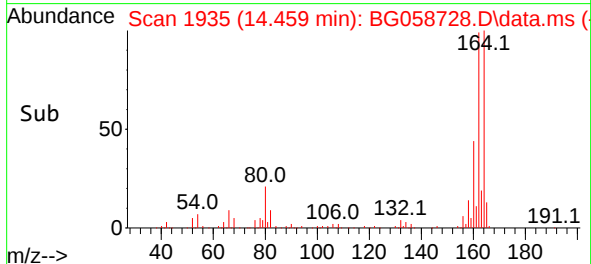
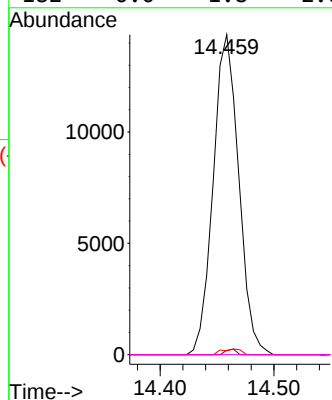
Ion Ratio Lower Upper

165 100

63 1.4 36.6 54.8#

89 1.2 55.4 83.0#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.202 min Scan# 2402

Delta R.T. -0.004 min

Lab File: BG058728.D

Acq: 15 Aug 2023 12:14

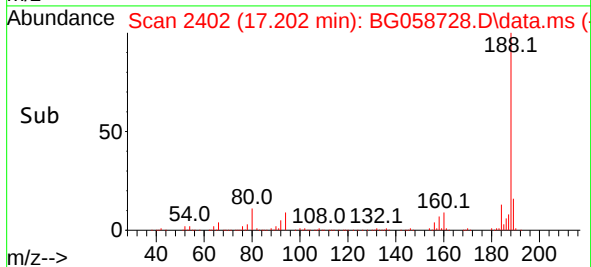
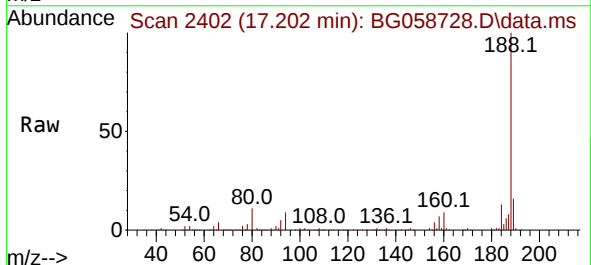
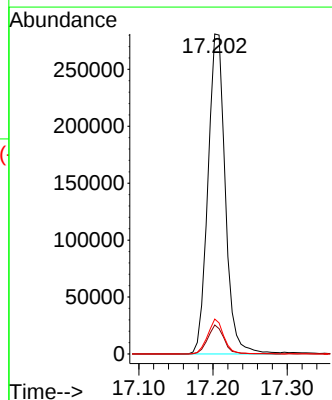
Tgt Ion:188 Resp: 456306

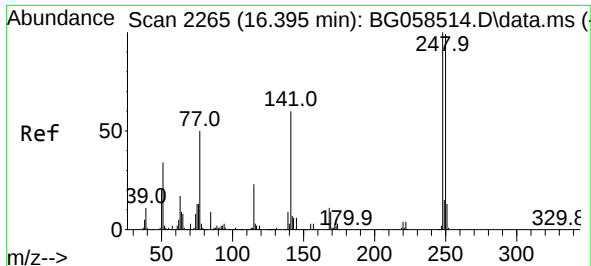
Ion Ratio Lower Upper

188 100

94 9.1 7.0 10.6

80 10.9 8.1 12.1

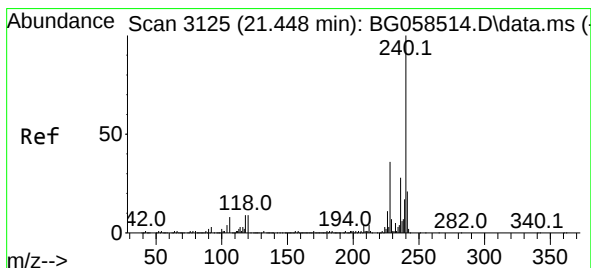
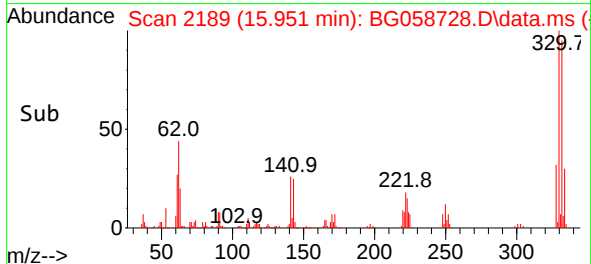
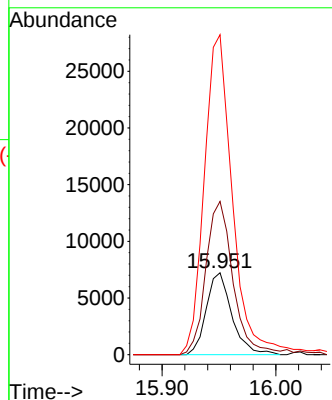
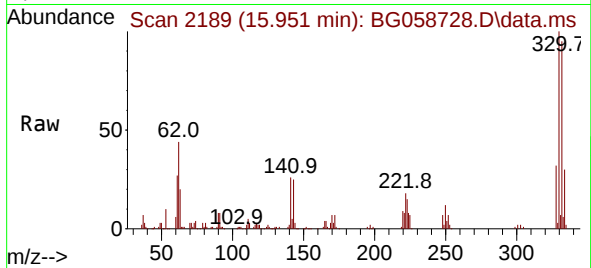




#67
4-Bromophenyl-phenylether
Concen: 2.184 ng
RT: 15.951 min Scan# 2119
Delta R.T. -0.444 min
Lab File: BG058728.D
Acq: 15 Aug 2023 12:14

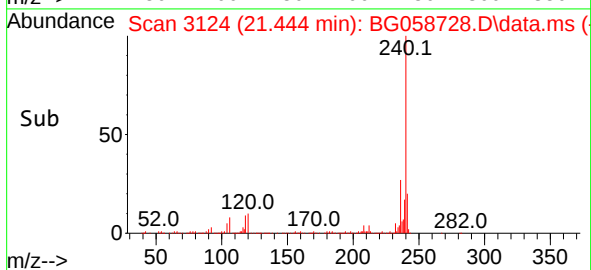
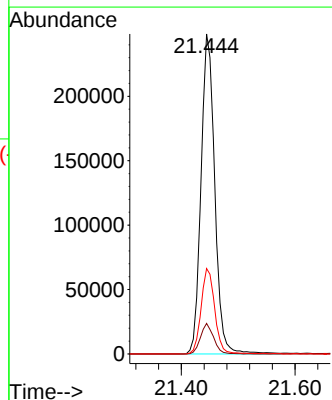
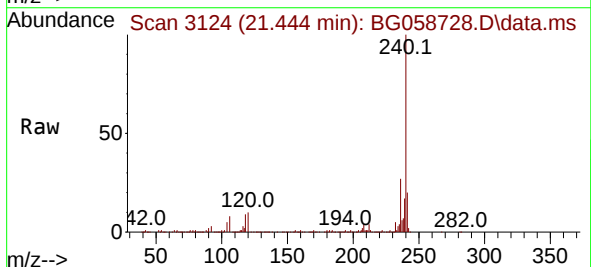
Instrument :
BNA_G
ClientSampleId :
SB-06-COMP

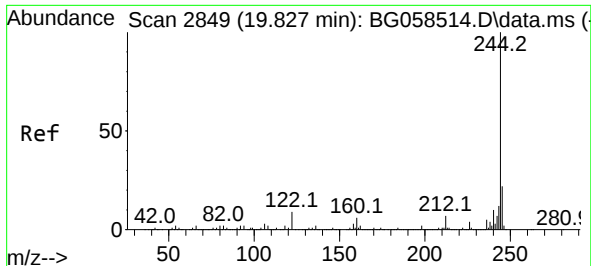
Tgt Ion:248 Resp: 11302
Ion Ratio Lower Upper
248 100
250 187.1 79.5 119.3#
141 390.5 48.2 72.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.444 min Scan# 3124
Delta R.T. -0.004 min
Lab File: BG058728.D
Acq: 15 Aug 2023 12:14

Tgt Ion:240 Resp: 416703
Ion Ratio Lower Upper
240 100
120 9.6 7.4 11.0
236 26.7 22.2 33.4

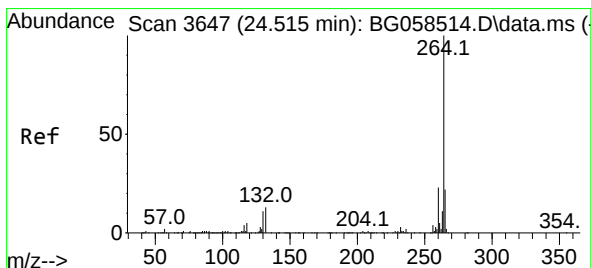
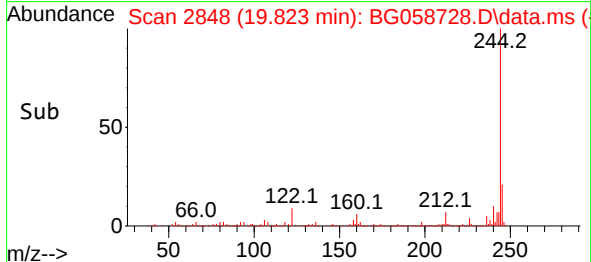
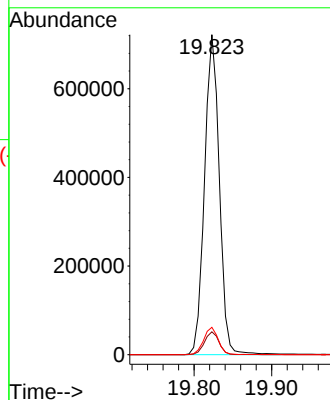
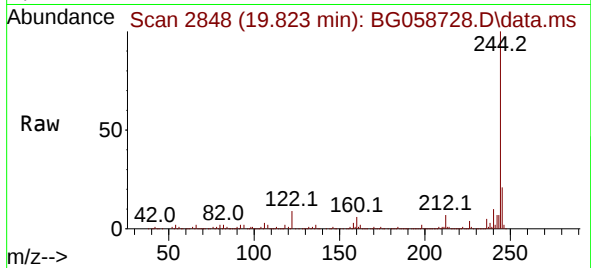




#79
 Terphenyl-d14
 Concen: 43.162 ng
 RT: 19.823 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG058728.D
 Acq: 15 Aug 2023 12:14

Instrument :
 BNA_G
 ClientSampleId :
 SB-06-COMP

Tgt Ion:244 Resp: 956419
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 8.6 6.8 10.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.517 min Scan# 3647
 Delta R.T. 0.002 min
 Lab File: BG058728.D
 Acq: 15 Aug 2023 12:14

Tgt Ion:264 Resp: 474140
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.4 27.6
 265 23.0 17.9 26.9

