

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081523\
 Data File : BG058725.D
 Acq On : 15 Aug 2023 10:11
 Operator : MA/JU
 Sample : 03973-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-01-COMP

Quant Time: Aug 15 10:52:22 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)

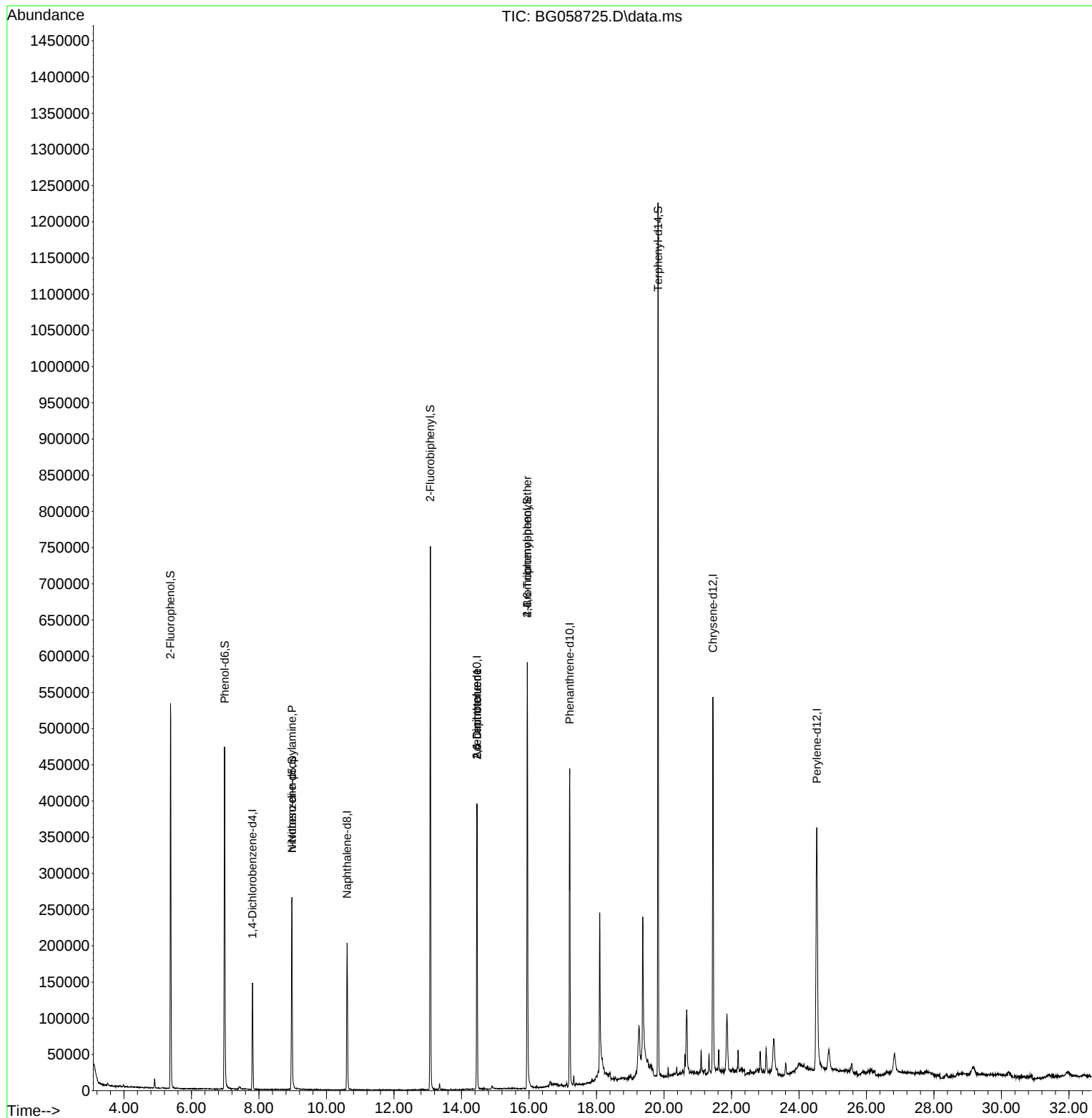
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.807	152	41572	20.000	ng	0.00
21) Naphthalene-d8	10.609	136	177886	20.000	ng	0.00
39) Acenaphthene-d10	14.458	164	145380	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	301389	20.000	ng	0.00
76) Chrysene-d12	21.449	240	318947	20.000	ng	0.00
86) Perylene-d12	24.528	264	436188	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.380	112	224187	82.426	ng	0.00
7) Phenol-d6	6.984	99	285739	75.499	ng	0.00
23) Nitrobenzene-d5	8.976	82	169783	46.888	ng	0.00
42) 2,4,6-Tribromophenol	15.950	330	134781	56.562	ng	0.00
45) 2-Fluorobiphenyl	13.077	172	410914	42.357	ng	0.00
79) Terphenyl-d14	19.828	244	650894	38.377	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.976	70	21479	8.786	ng	# 78
51) 2,6-Dinitrotoluene	14.458	165	18859	7.872	ng	# 25
57) 2,4-Dinitrotoluene	14.458	165	18859	5.678	ng	# 25
67) 4-Bromophenyl-phenylether	15.950	248	8433	2.467	ng	# 1

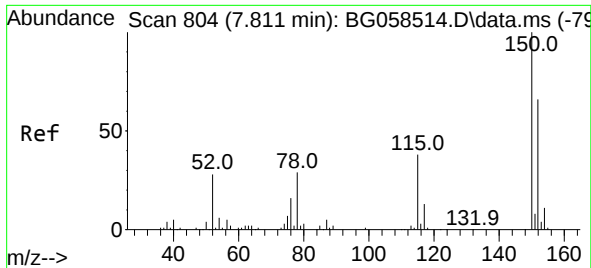
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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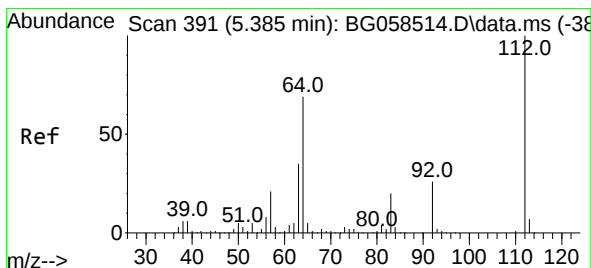
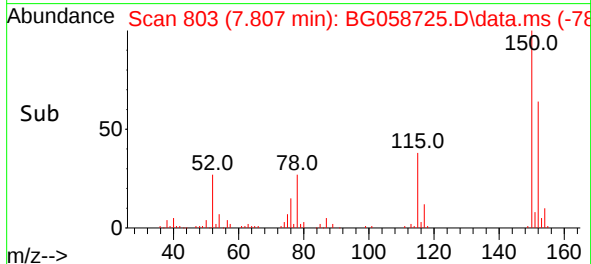
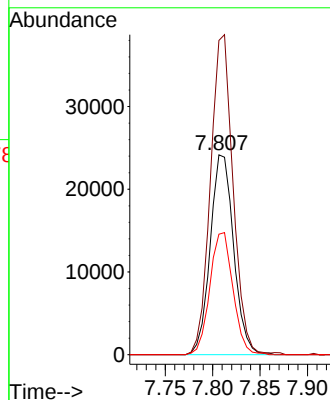
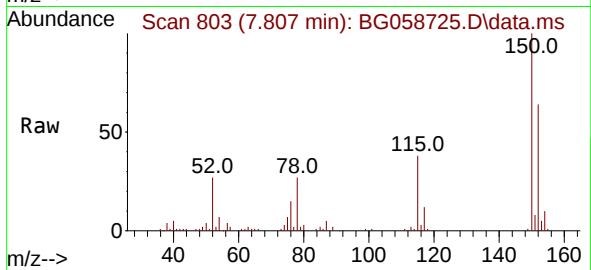




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.807 min Scan# 804
Delta R.T. -0.004 min
Lab File: BG058725.D
Acq: 15 Aug 2023 10:11

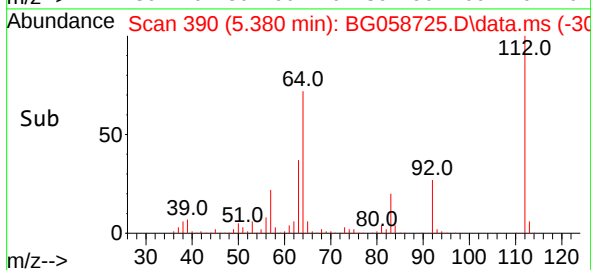
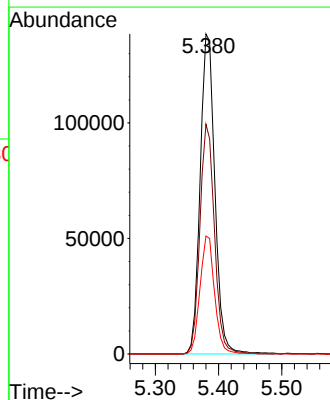
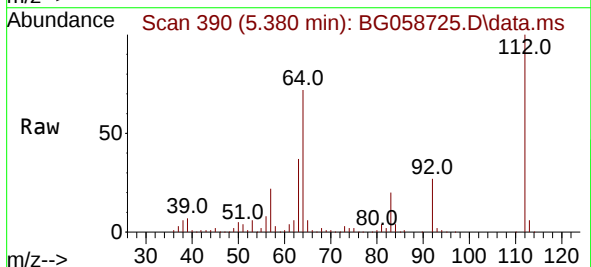
Instrument :
BNA_G
ClientSampleId :
SB-01-COMP

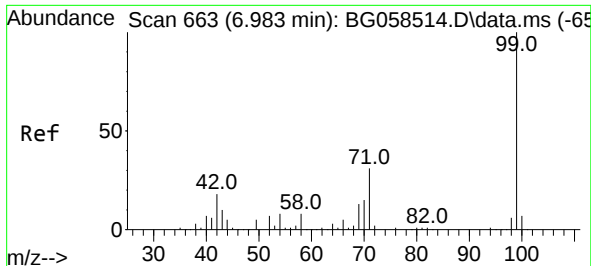
Tgt Ion:152 Resp: 41572
Ion Ratio Lower Upper
152 100
150 157.3 120.5 180.7
115 60.3 45.9 68.9



#5
2-Fluorophenol
Concen: 82.426 ng
RT: 5.380 min Scan# 390
Delta R.T. -0.005 min
Lab File: BG058725.D
Acq: 15 Aug 2023 10:11

Tgt Ion:112 Resp: 224187
Ion Ratio Lower Upper
112 100
64 71.8 55.3 82.9
63 36.9 28.3 42.5

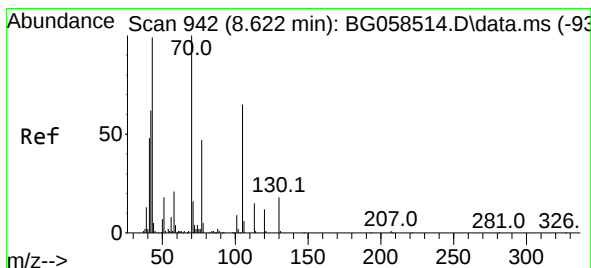
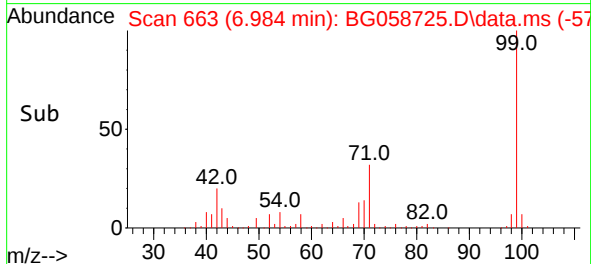
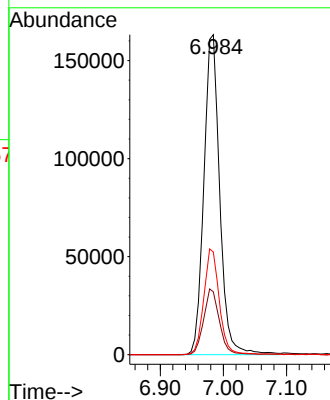
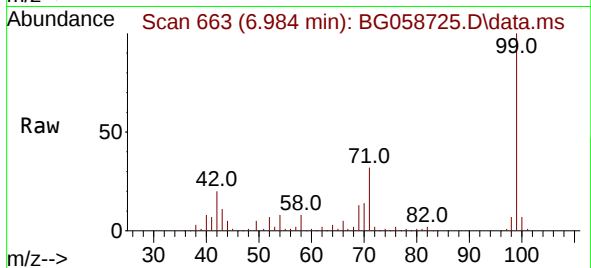




#7
Phenol-d6
Concen: 75.499 ng
RT: 6.984 min Scan# 60
Delta R.T. 0.001 min
Lab File: BG058725.D
Acq: 15 Aug 2023 10:11

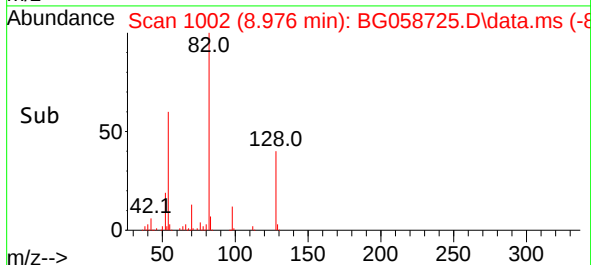
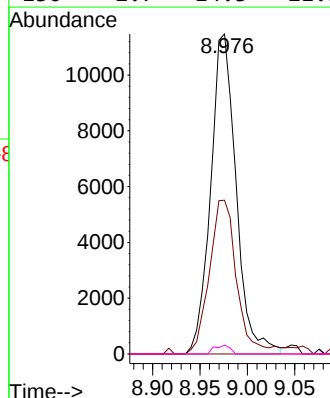
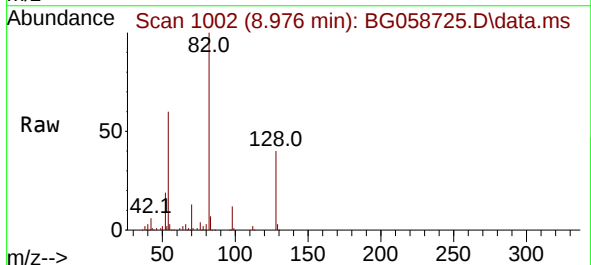
Instrument :
BNA_G
ClientSampleId :
SB-01-COMP

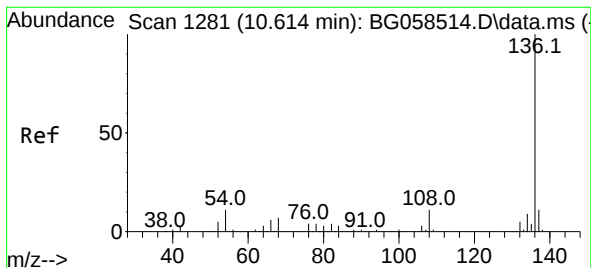
Tgt Ion: 99 Resp: 285739
Ion Ratio Lower Upper
99 100
42 19.6 14.6 21.8
71 32.1 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 8.786 ng
RT: 8.976 min Scan# 1002
Delta R.T. 0.354 min
Lab File: BG058725.D
Acq: 15 Aug 2023 10:11

Tgt Ion: 70 Resp: 21479
Ion Ratio Lower Upper
70 100
42 48.1 49.7 74.5#
101 0.0 7.0 10.4#
130 2.7 14.3 21.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.609 min Scan# 11

Delta R.T. -0.005 min

Lab File: BG058725.D

Acq: 15 Aug 2023 10:11

Instrument :

BNA_G

ClientSampleId :

SB-01-COMP

Tgt Ion:136 Resp: 177886

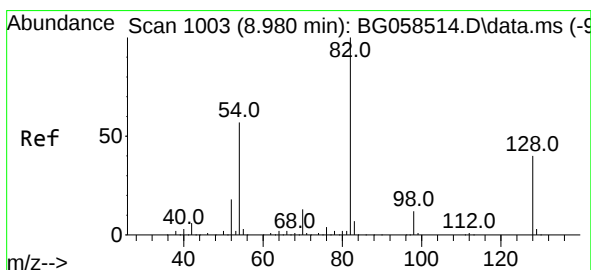
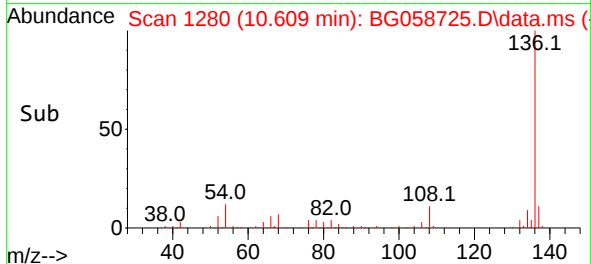
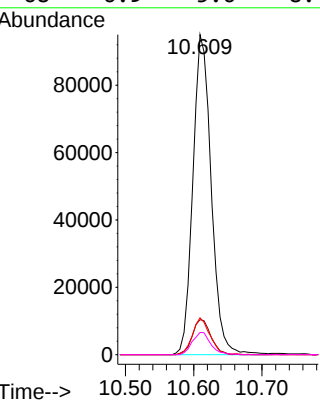
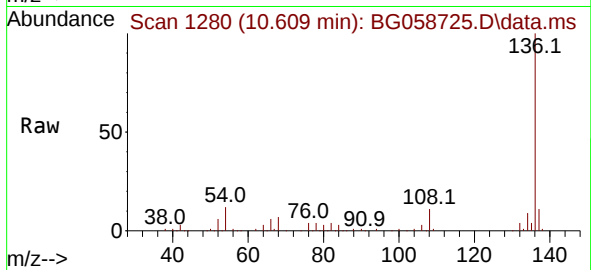
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 11.5 8.9 13.3

68 6.9 5.6 8.4



#23

Nitrobenzene-d5

Concen: 46.888 ng

RT: 8.976 min Scan# 1002

Delta R.T. -0.005 min

Lab File: BG058725.D

Acq: 15 Aug 2023 10:11

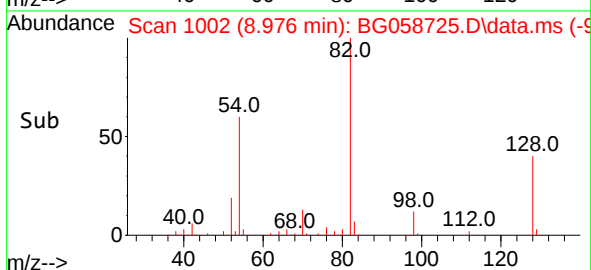
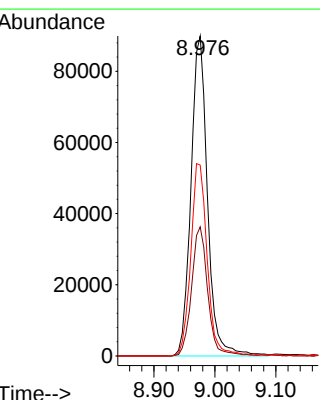
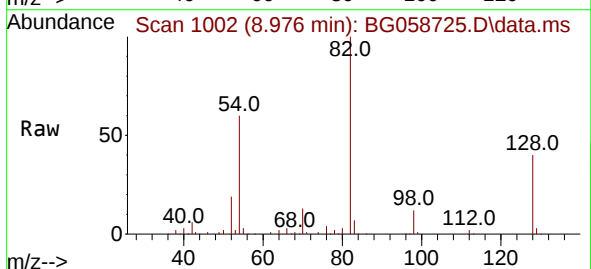
Tgt Ion: 82 Resp: 169783

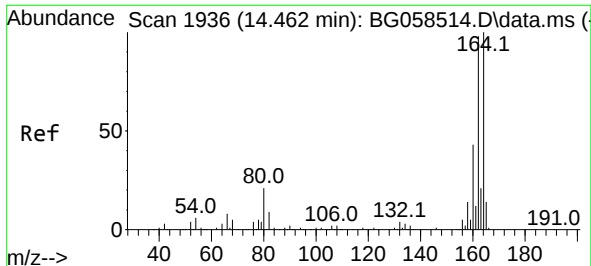
Ion Ratio Lower Upper

82 100

128 40.3 32.2 48.2

54 59.6 46.0 69.0

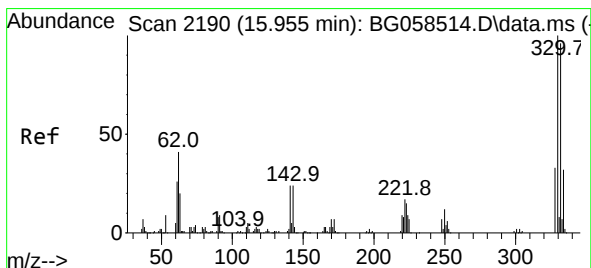
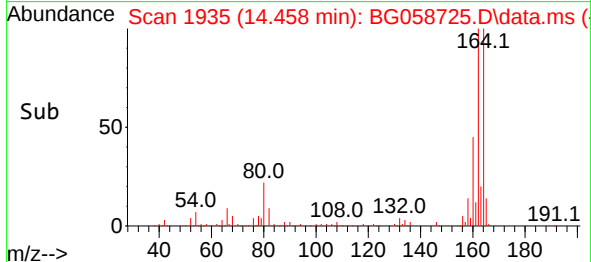
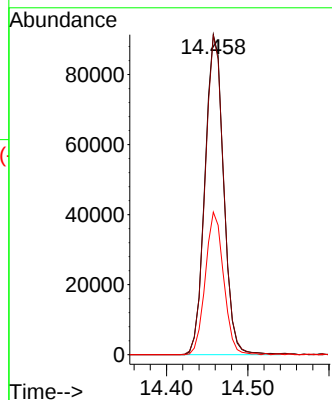
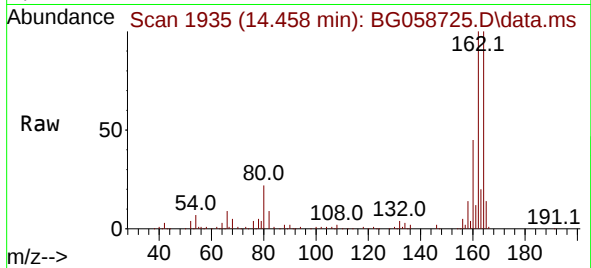




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.458 min Scan# 1935
Delta R.T. -0.005 min
Lab File: BG058725.D
Acq: 15 Aug 2023 10:11

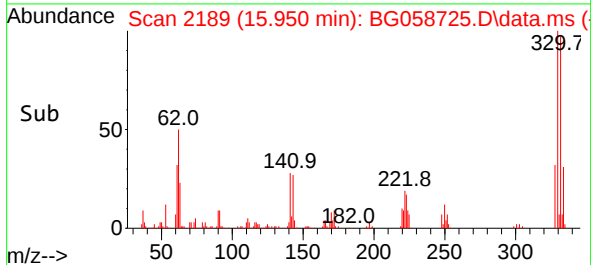
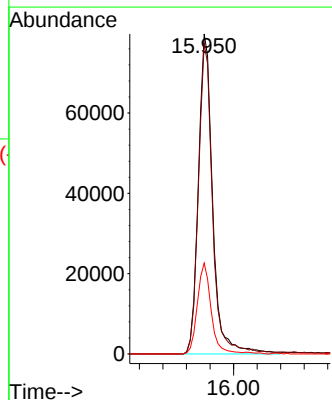
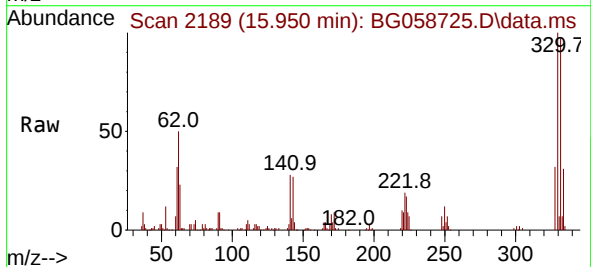
Instrument :
BNA_G
ClientSampleId :
SB-01-COMP

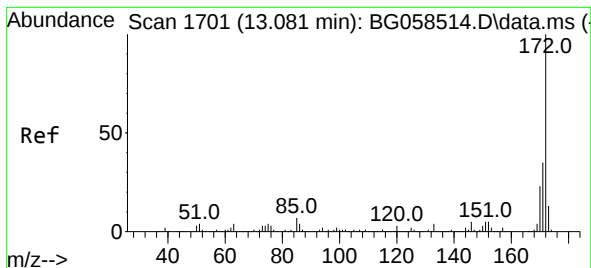
Tgt Ion:164 Resp: 145380
Ion Ratio Lower Upper
164 100
162 99.8 78.3 117.5
160 44.6 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 56.562 ng
RT: 15.950 min Scan# 2189
Delta R.T. -0.005 min
Lab File: BG058725.D
Acq: 15 Aug 2023 10:11

Tgt Ion:330 Resp: 134781
Ion Ratio Lower Upper
330 100
332 95.4 77.5 116.3
141 27.2 20.7 31.1





#45

2-Fluorobiphenyl

Concen: 42.357 ng

RT: 13.077 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG058725.D

Acq: 15 Aug 2023 10:11

Instrument :

BNA_G

ClientSampleId :

SB-01-COMP

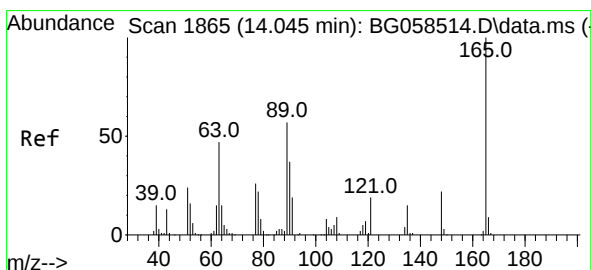
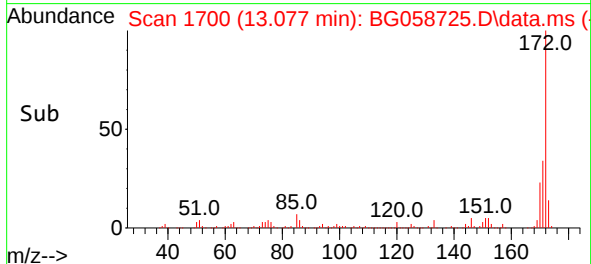
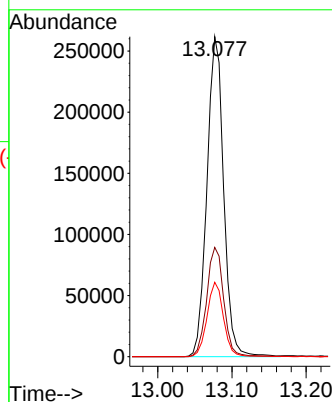
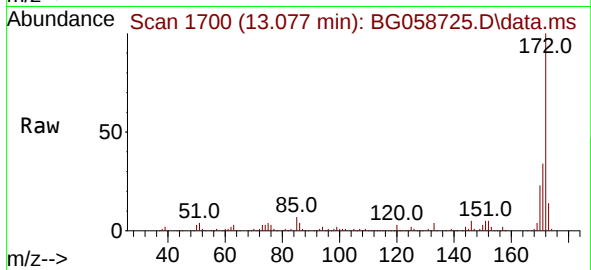
Tgt Ion:172 Resp: 410914

Ion Ratio Lower Upper

172 100

171 34.1 28.0 42.0

170 23.2 18.4 27.6



#51

2,6-Dinitrotoluene

Concen: 7.872 ng

RT: 14.458 min Scan# 1935

Delta R.T. 0.412 min

Lab File: BG058725.D

Acq: 15 Aug 2023 10:11

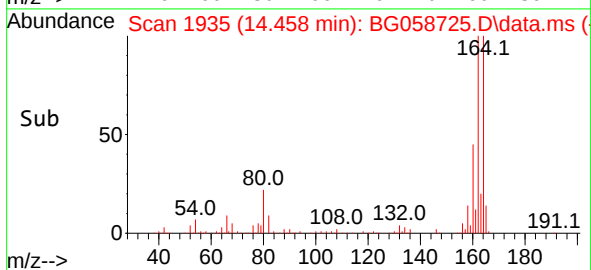
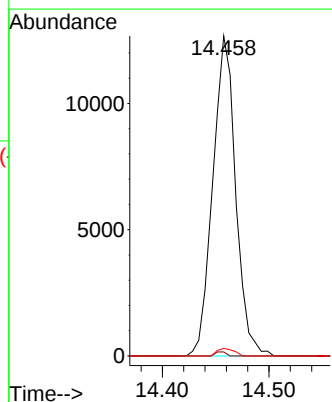
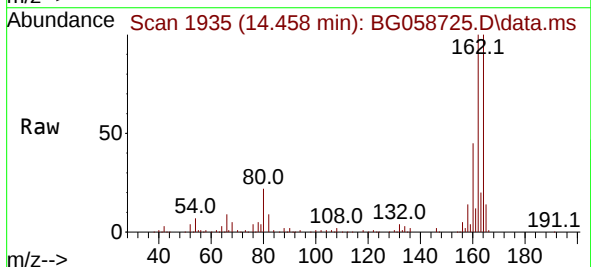
Tgt Ion:165 Resp: 18859

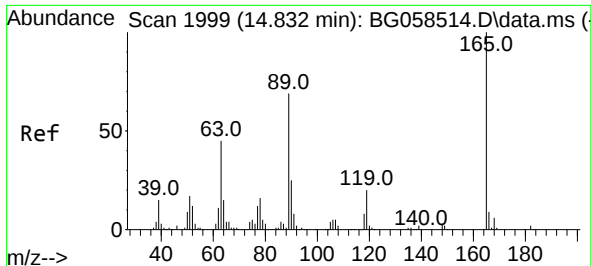
Ion Ratio Lower Upper

165 100

63 1.2 46.4 69.6#

89 2.4 45.3 67.9#





#57

2,4-Dinitrotoluene

Concen: 5.678 ng

RT: 14.458 min Scan# 1999

Delta R.T. -0.374 min

Lab File: BG058725.D

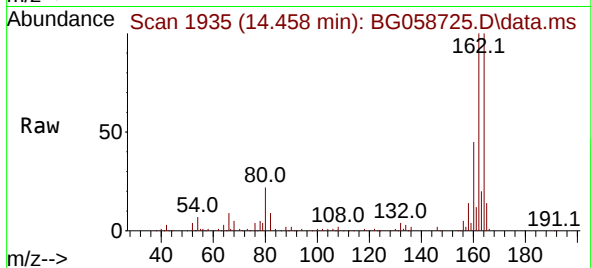
Acq: 15 Aug 2023 10:11

Instrument :

BNA_G

ClientSampleId :

SB-01-COMP



Tgt Ion:165 Resp: 18859

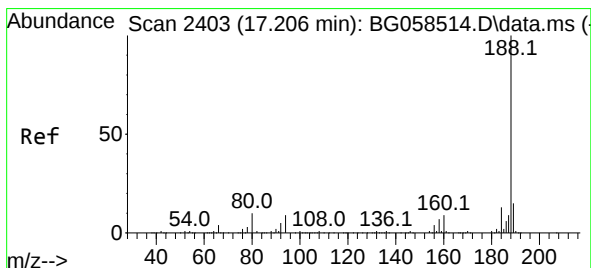
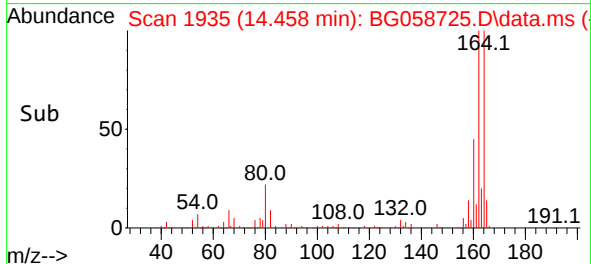
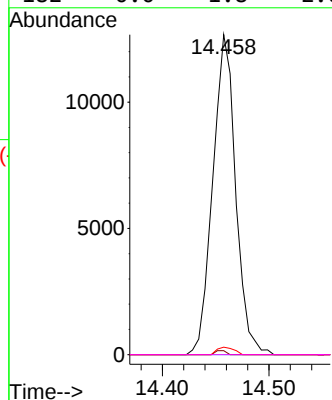
Ion Ratio Lower Upper

165 100

63 1.2 36.6 54.8#

89 2.4 55.4 83.0#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.207 min Scan# 2403

Delta R.T. 0.001 min

Lab File: BG058725.D

Acq: 15 Aug 2023 10:11

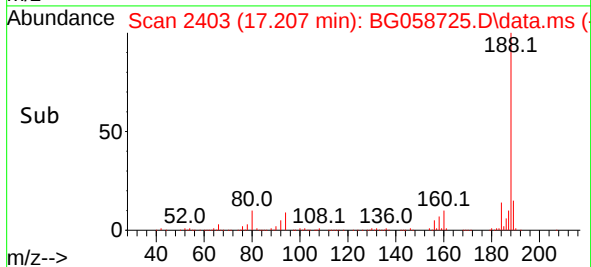
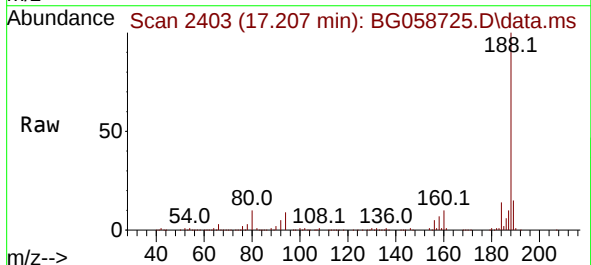
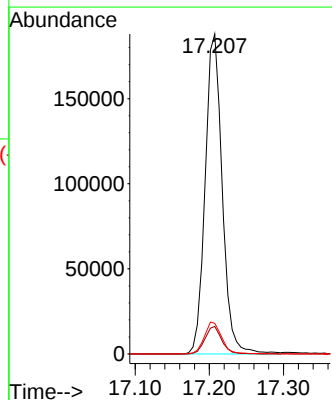
Tgt Ion:188 Resp: 301389

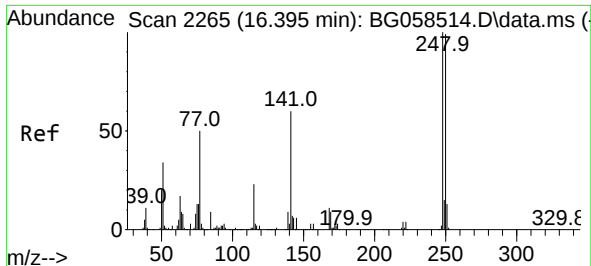
Ion Ratio Lower Upper

188 100

94 8.6 7.0 10.6

80 9.6 8.1 12.1

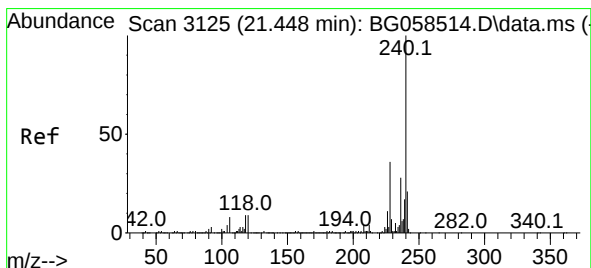
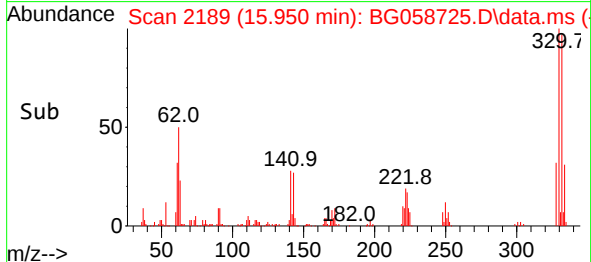
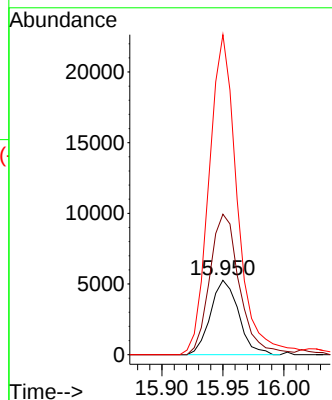
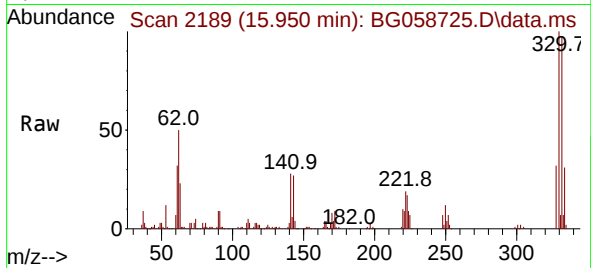




#67
4-Bromophenyl-phenylether
Concen: 2.467 ng
RT: 15.950 min Scan# 2189
Delta R.T. -0.445 min
Lab File: BG058725.D
Acq: 15 Aug 2023 10:11

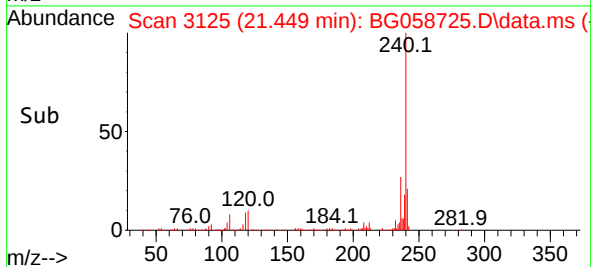
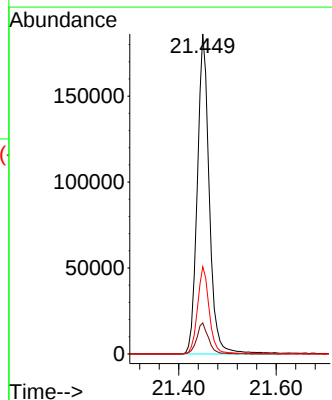
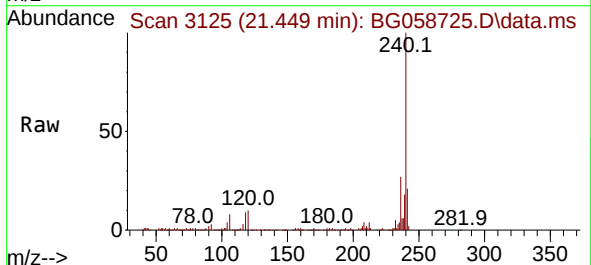
Instrument :
BNA_G
ClientSampleId :
SB-01-COMP

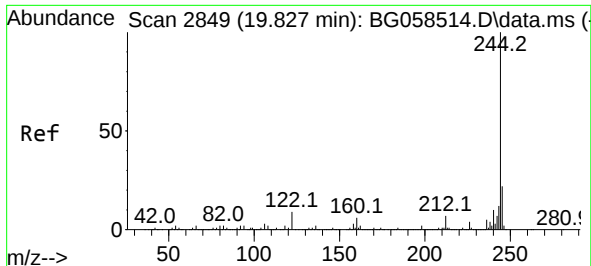
Tgt Ion:248 Resp: 8433
Ion Ratio Lower Upper
248 100
250 188.8 79.5 119.3#
141 430.1 48.2 72.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.449 min Scan# 3125
Delta R.T. 0.001 min
Lab File: BG058725.D
Acq: 15 Aug 2023 10:11

Tgt Ion:240 Resp: 318947
Ion Ratio Lower Upper
240 100
120 9.7 7.4 11.0
236 27.2 22.2 33.4

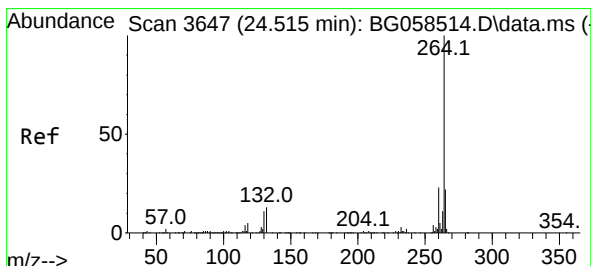
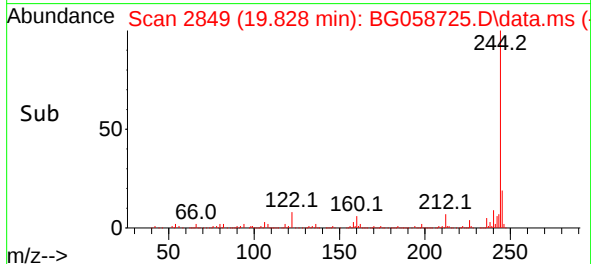
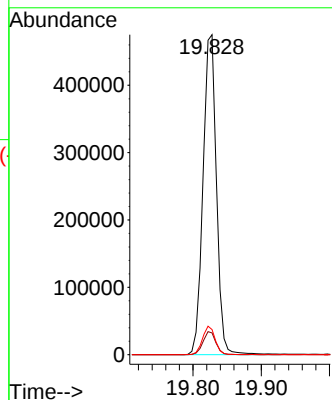
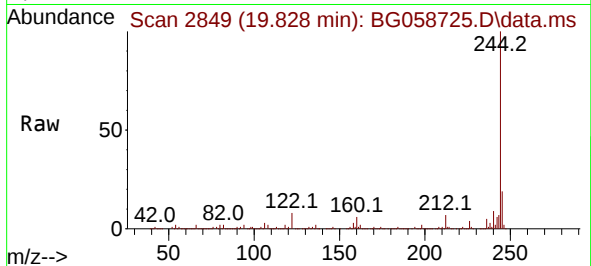




#79
 Terphenyl-d14
 Concen: 38.377 ng
 RT: 19.828 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG058725.D
 Acq: 15 Aug 2023 10:11

Instrument :
 BNA_G
 ClientSampleId :
 SB-01-COMP

Tgt Ion:244 Resp: 650894
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.9 8.9
 122 7.9 6.8 10.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.528 min Scan# 3649
 Delta R.T. 0.013 min
 Lab File: BG058725.D
 Acq: 15 Aug 2023 10:11

Tgt Ion:264 Resp: 436188
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.4 27.6
 265 21.7 17.9 26.9

