

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081523\
 Data File : BG058727.D
 Acq On : 15 Aug 2023 11:33
 Operator : MA/JU
 Sample : 03973-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-03-COMP

Quant Time: Aug 15 12:09:03 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)

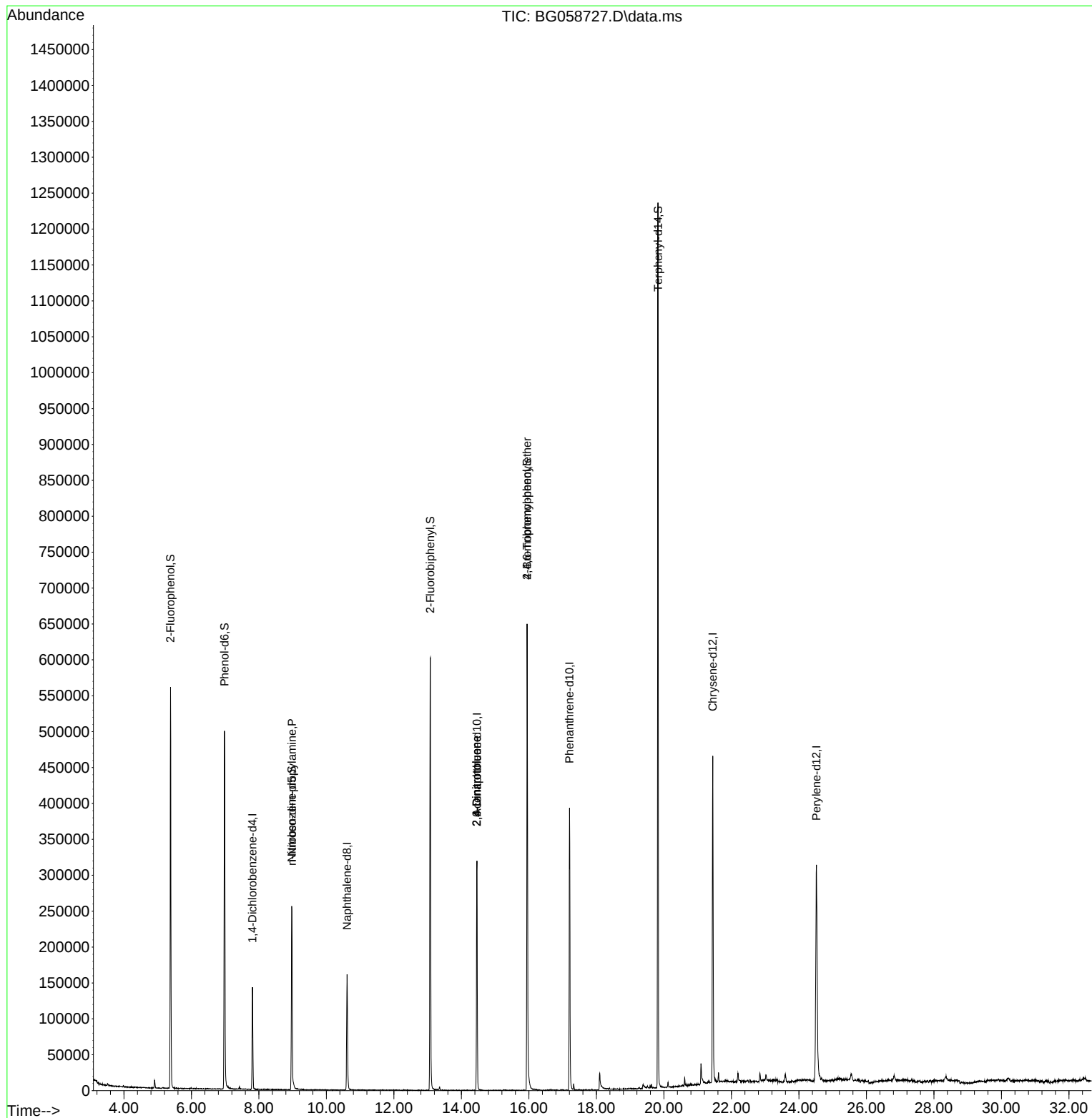
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.808	152	38748	20.000	ng	0.00
21) Naphthalene-d8	10.610	136	148966	20.000	ng	0.00
39) Acenaphthene-d10	14.459	164	122505	20.000	ng	0.00
64) Phenanthrene-d10	17.203	188	272077	20.000	ng	0.00
76) Chrysene-d12	21.445	240	286396	20.000	ng	0.00
86) Perylene-d12	24.518	264	366582	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	224589	88.592	ng	0.00
7) Phenol-d6	6.979	99	293424	83.180	ng	0.00
23) Nitrobenzene-d5	8.971	82	171799	56.655	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	152611	76.004	ng	0.00
45) 2-Fluorobiphenyl	13.078	172	364481	44.587	ng	0.00
79) Terphenyl-d14	19.823	244	655544	43.044	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.977	70	20957	9.198	ng	# 83
51) 2,6-Dinitrotoluene	14.453	165	15770	7.812	ng	# 24
57) 2,4-Dinitrotoluene	14.453	165	15770	5.635	ng	# 24
67) 4-Bromophenyl-phenylether	15.945	248	9563	3.099	ng	# 1

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

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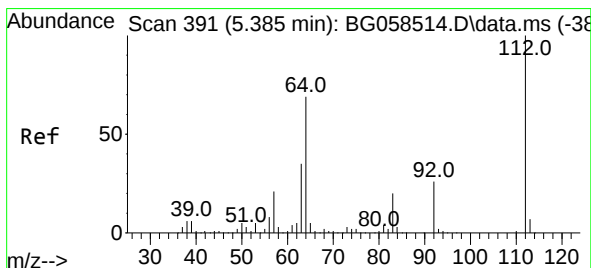
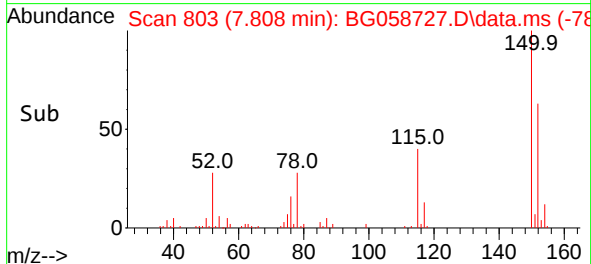
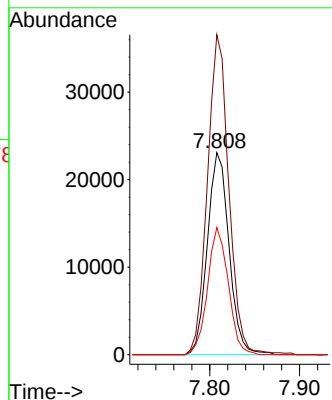
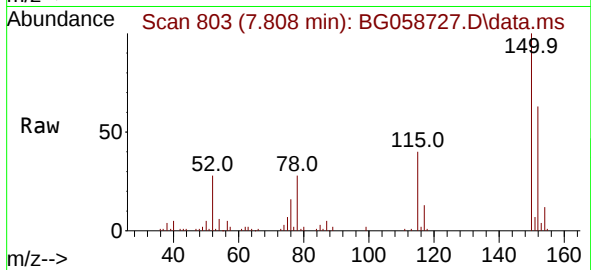




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.808 min Scan# 804
Delta R.T. -0.003 min
Lab File: BG058727.D
Acq: 15 Aug 2023 11:33

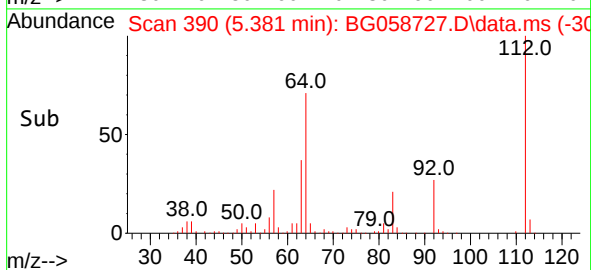
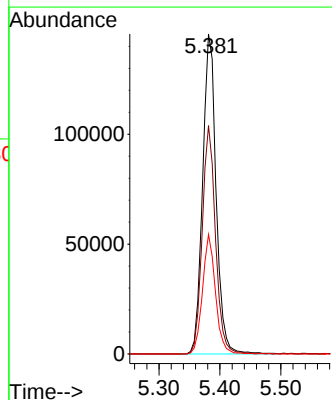
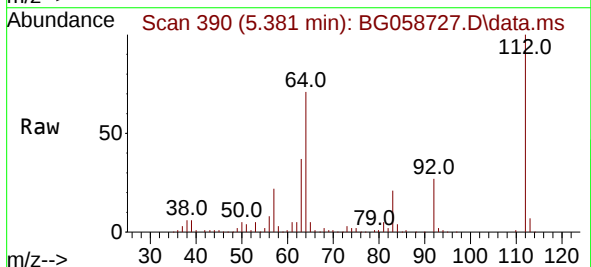
Instrument :
BNA_G
ClientSampleId :
SB-03-COMP

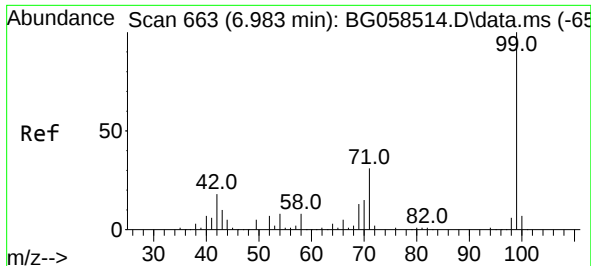
Tgt Ion:152 Resp: 38748
Ion Ratio Lower Upper
152 100
150 158.4 120.5 180.7
115 62.9 45.9 68.9



#5
2-Fluorophenol
Concen: 88.592 ng
RT: 5.381 min Scan# 390
Delta R.T. -0.003 min
Lab File: BG058727.D
Acq: 15 Aug 2023 11:33

Tgt Ion:112 Resp: 224589
Ion Ratio Lower Upper
112 100
64 71.4 55.3 82.9
63 37.4 28.3 42.5

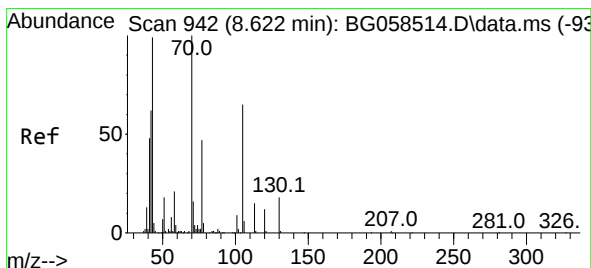
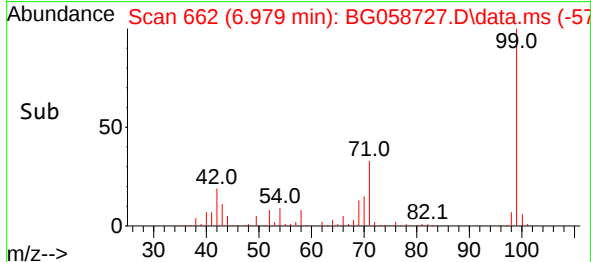
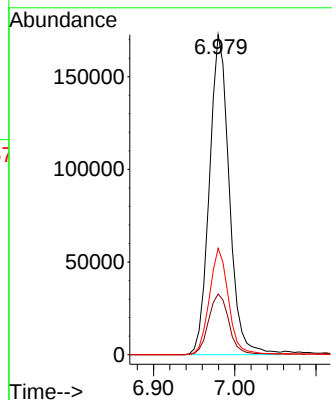
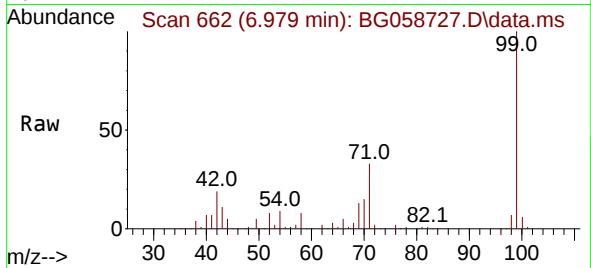




#7
Phenol-d6
Concen: 83.180 ng
RT: 6.979 min Scan# 60
Delta R.T. -0.003 min
Lab File: BG058727.D
Acq: 15 Aug 2023 11:33

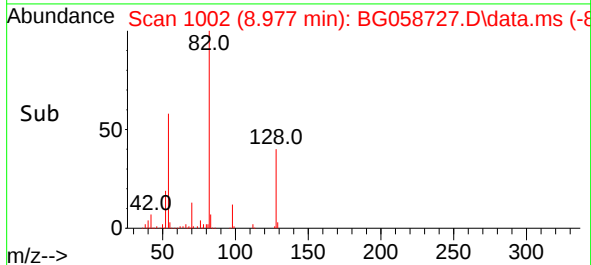
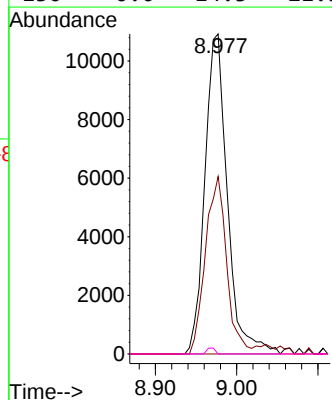
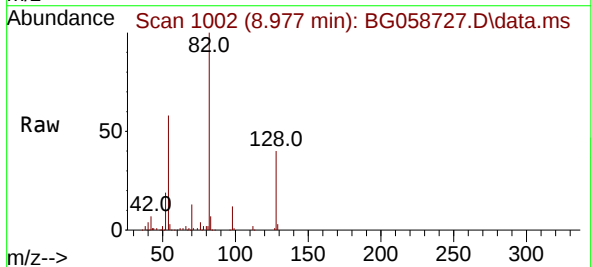
Instrument :
BNA_G
ClientSampleId :
SB-03-COMP

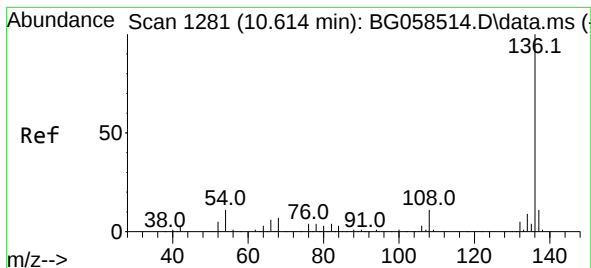
Tgt Ion: 99 Resp: 293424
Ion Ratio Lower Upper
99 100
42 19.0 14.6 21.8
71 33.3 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 9.198 ng
RT: 8.977 min Scan# 1002
Delta R.T. 0.355 min
Lab File: BG058727.D
Acq: 15 Aug 2023 11:33

Tgt Ion: 70 Resp: 20957
Ion Ratio Lower Upper
70 100
42 55.5 49.7 74.5
101 0.0 7.0 10.4#
130 0.0 14.3 21.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.610 min Scan# 11

Delta R.T. -0.003 min

Lab File: BG058727.D

Acq: 15 Aug 2023 11:33

Instrument :

BNA_G

ClientSampleId :

SB-03-COMP

Tgt Ion:136 Resp: 148966

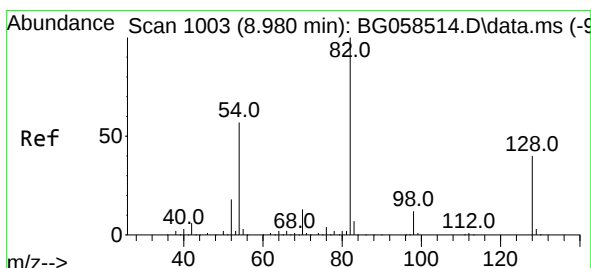
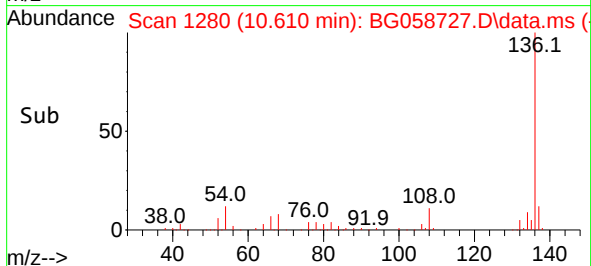
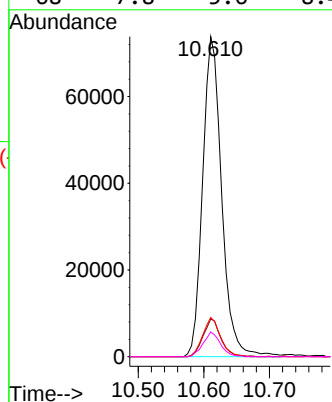
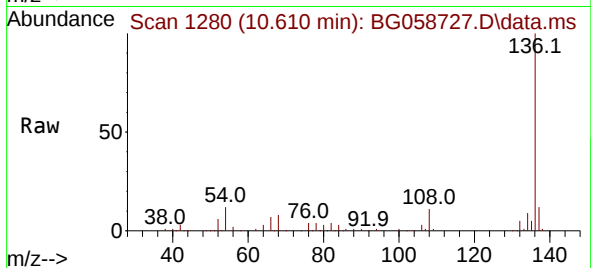
Ion Ratio Lower Upper

136 100

137 11.8 8.6 13.0

54 12.3 8.9 13.3

68 7.8 5.6 8.4



#23

Nitrobenzene-d5

Concen: 56.655 ng

RT: 8.971 min Scan# 1001

Delta R.T. -0.009 min

Lab File: BG058727.D

Acq: 15 Aug 2023 11:33

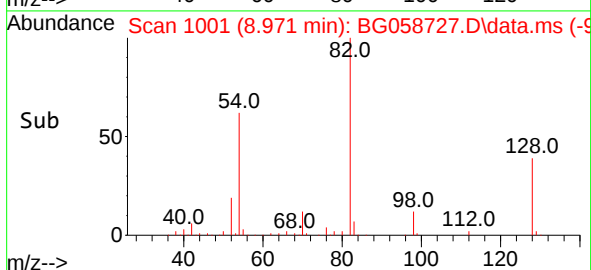
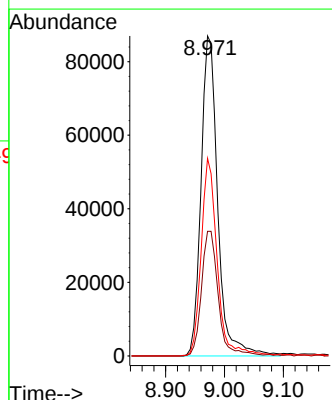
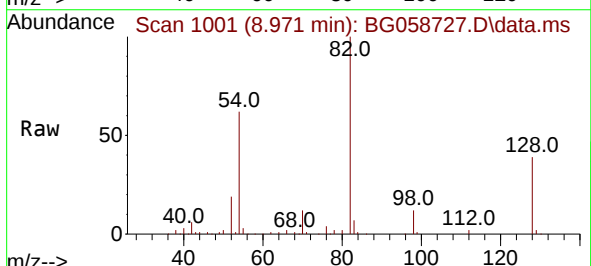
Tgt Ion: 82 Resp: 171799

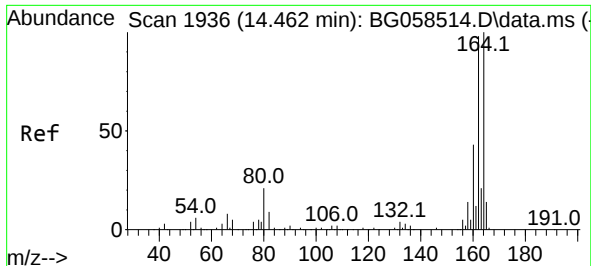
Ion Ratio Lower Upper

82 100

128 38.9 32.2 48.2

54 61.7 46.0 69.0

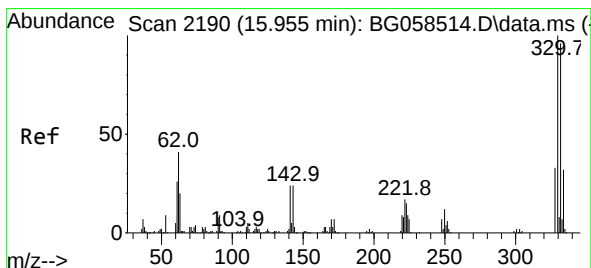
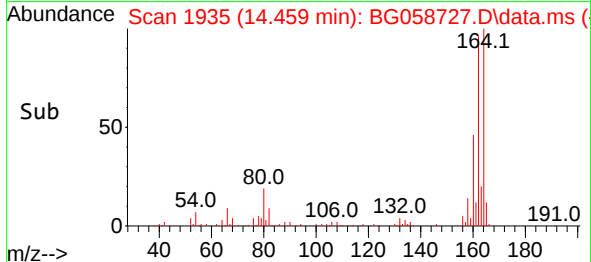
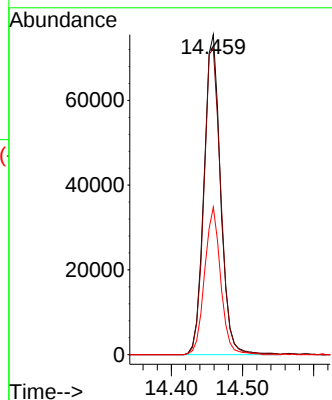
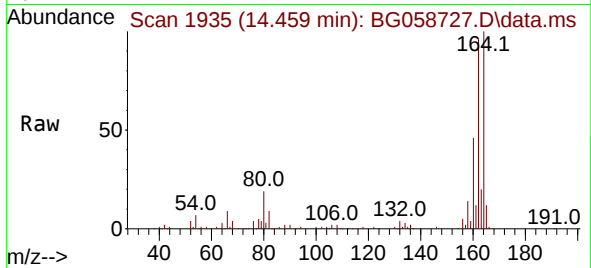




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.459 min Scan# 1935
Delta R.T. -0.003 min
Lab File: BG058727.D
Acq: 15 Aug 2023 11:33

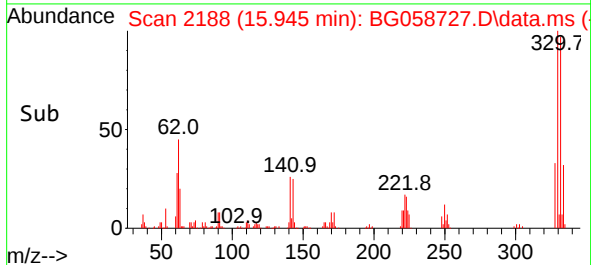
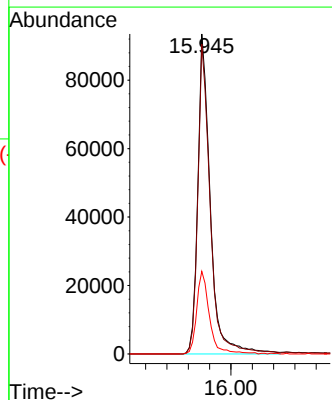
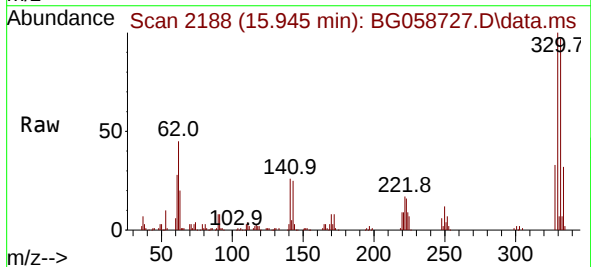
Instrument :
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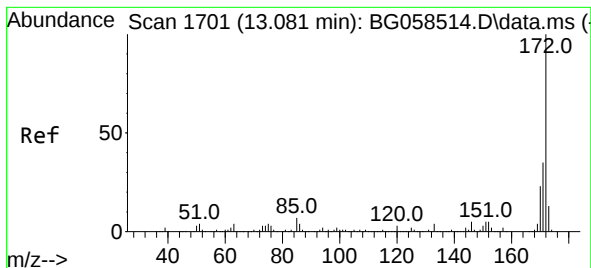
Tgt Ion:164 Resp: 122505
Ion Ratio Lower Upper
164 100
162 95.7 78.3 117.5
160 46.1 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 76.004 ng
RT: 15.945 min Scan# 2188
Delta R.T. -0.009 min
Lab File: BG058727.D
Acq: 15 Aug 2023 11:33

Tgt Ion:330 Resp: 152611
Ion Ratio Lower Upper
330 100
332 95.8 77.5 116.3
141 26.2 20.7 31.1

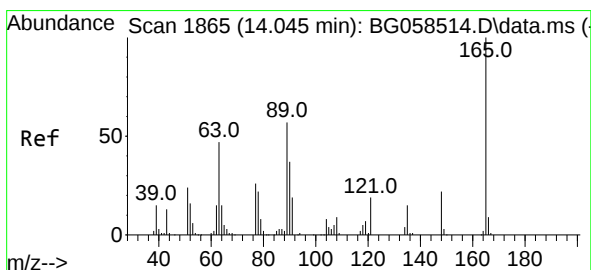
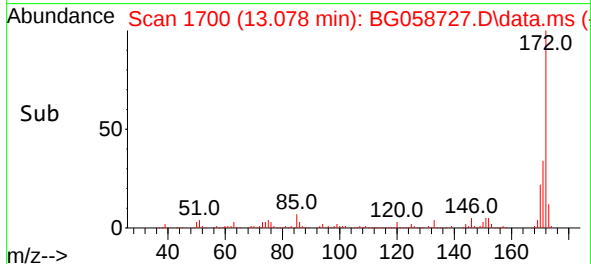
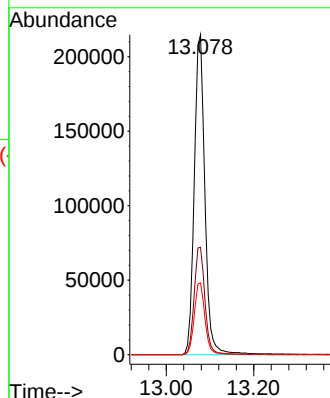
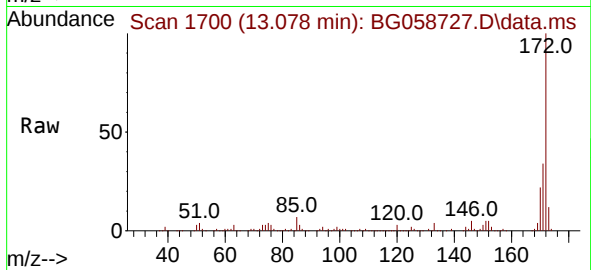




#45
2-Fluorobiphenyl
Concen: 44.587 ng
RT: 13.078 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG058727.D
Acq: 15 Aug 2023 11:33

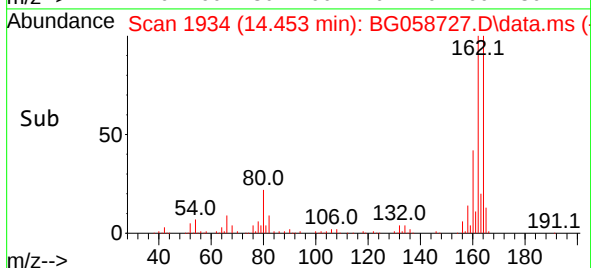
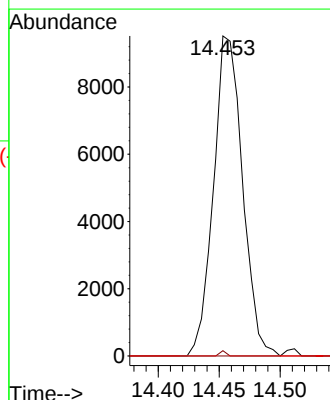
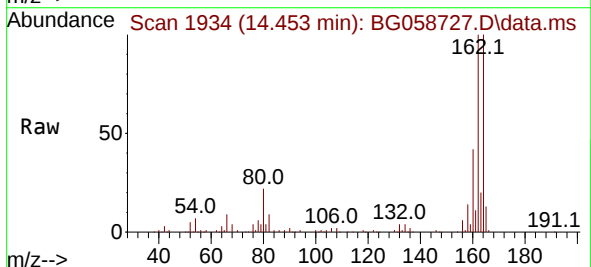
Instrument :
BNA_G
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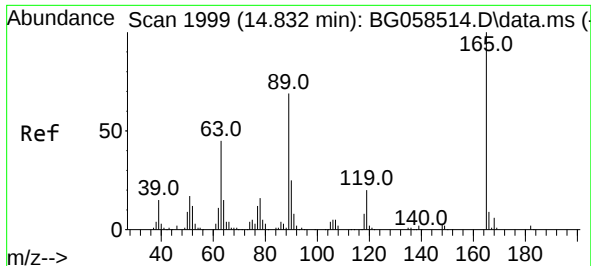
Tgt Ion:172 Resp: 364481
Ion Ratio Lower Upper
172 100
171 33.5 28.0 42.0
170 22.5 18.4 27.6



#51
2,6-Dinitrotoluene
Concen: 7.812 ng
RT: 14.453 min Scan# 1934
Delta R.T. 0.408 min
Lab File: BG058727.D
Acq: 15 Aug 2023 11:33

Tgt Ion:165 Resp: 15770
Ion Ratio Lower Upper
165 100
63 1.6 46.4 69.6#
89 0.0 45.3 67.9#

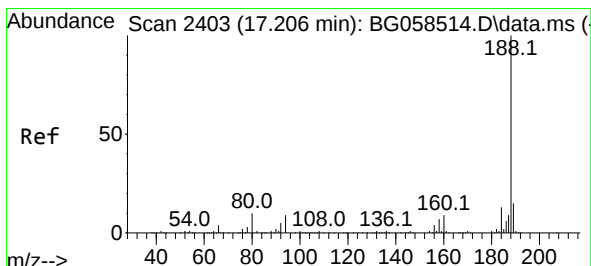
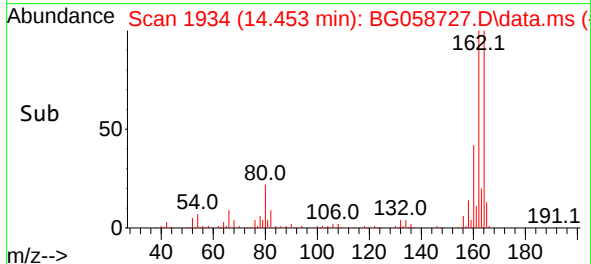
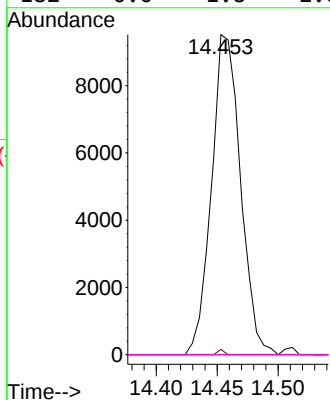
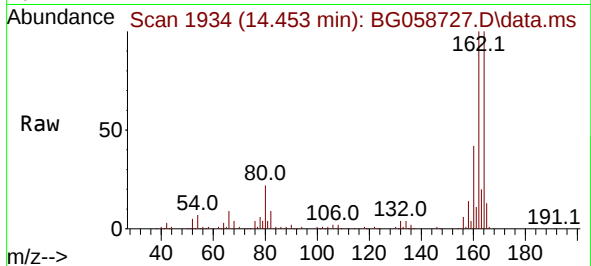




#57
2,4-Dinitrotoluene
Concen: 5.635 ng
RT: 14.453 min Scan# 1999
Delta R.T. -0.379 min
Lab File: BG058727.D
Acq: 15 Aug 2023 11:33

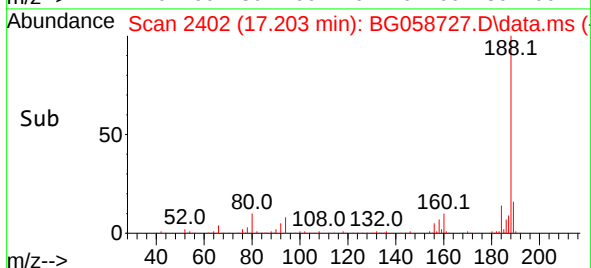
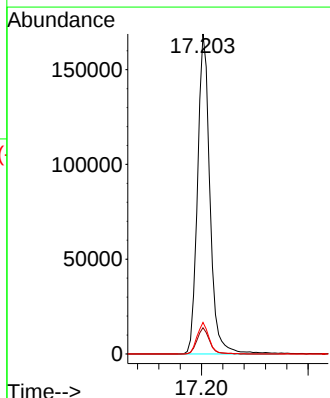
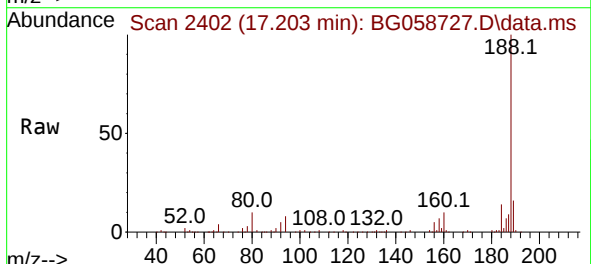
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SB-03-COMP

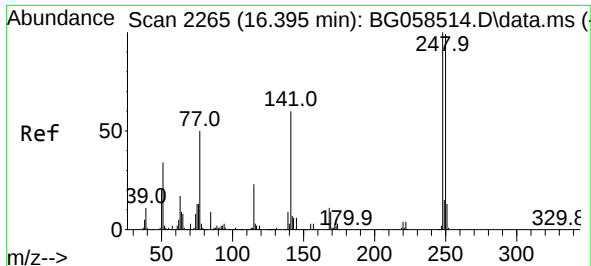
Tgt Ion:165 Resp: 15770
Ion Ratio Lower Upper
165 100
63 1.6 36.6 54.8#
89 0.0 55.4 83.0#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.203 min Scan# 2402
Delta R.T. -0.003 min
Lab File: BG058727.D
Acq: 15 Aug 2023 11:33

Tgt Ion:188 Resp: 272077
Ion Ratio Lower Upper
188 100
94 8.2 7.0 10.6
80 9.8 8.1 12.1

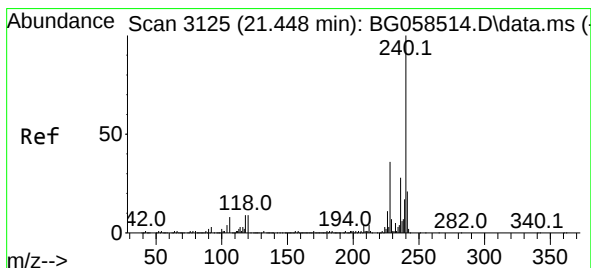
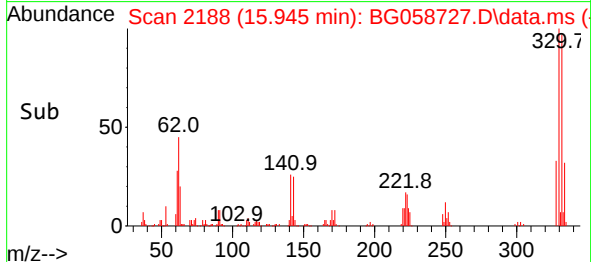
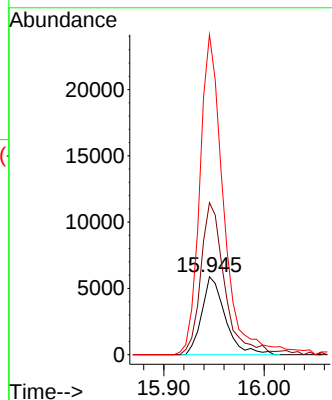
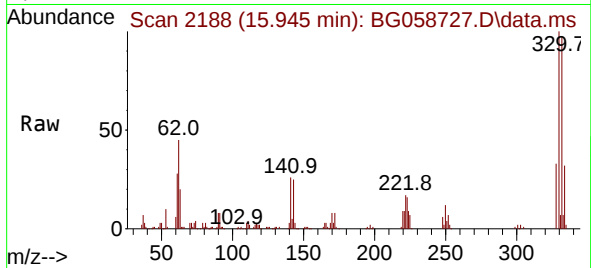




#67
4-Bromophenyl-phenylether
Concen: 3.099 ng
RT: 15.945 min Scan# 2188
Delta R.T. -0.450 min
Lab File: BG058727.D
Acq: 15 Aug 2023 11:33

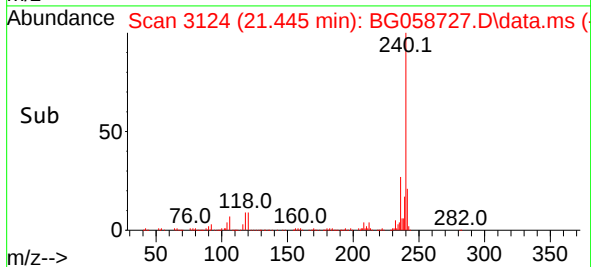
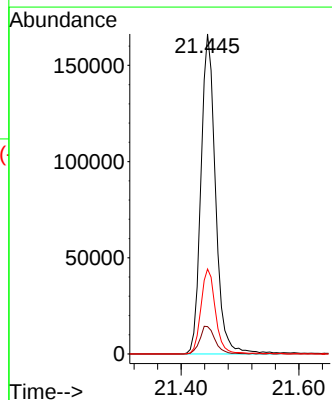
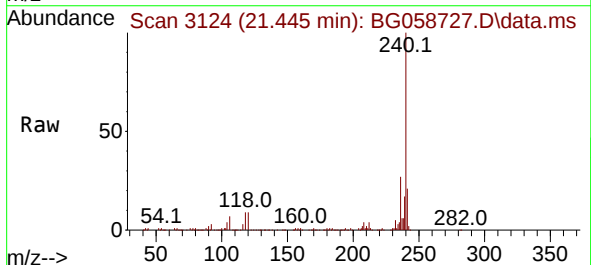
Instrument :
BNA_G
ClientSampleId :
SB-03-COMP

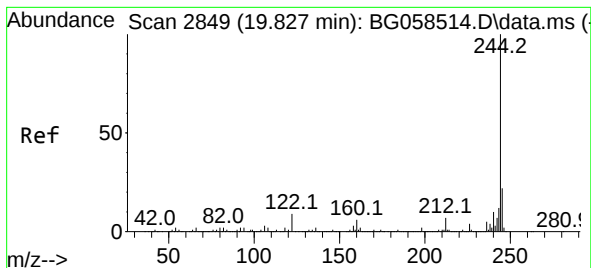
Tgt Ion:248 Resp: 9563
Ion Ratio Lower Upper
248 100
250 195.0 79.5 119.3#
141 410.3 48.2 72.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.445 min Scan# 3124
Delta R.T. -0.003 min
Lab File: BG058727.D
Acq: 15 Aug 2023 11:33

Tgt Ion:240 Resp: 286396
Ion Ratio Lower Upper
240 100
120 8.5 7.4 11.0
236 26.6 22.2 33.4





#79

Terphenyl-d14

Concen: 43.044 ng

RT: 19.823 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG058727.D

Acq: 15 Aug 2023 11:33

Instrument :

BNA_G

ClientSampleId :

SB-03-COMP

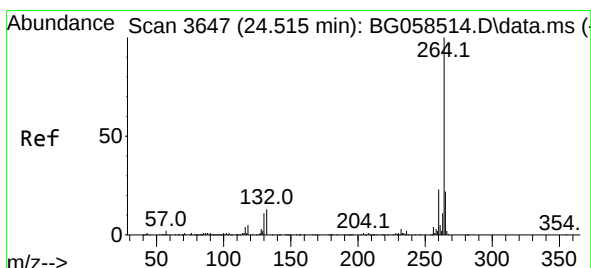
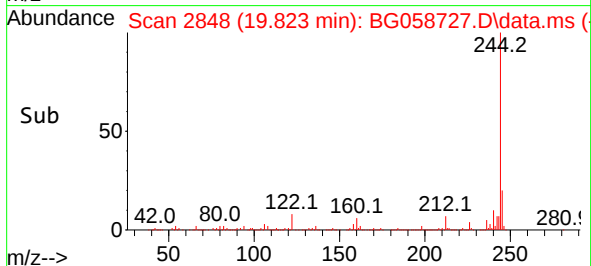
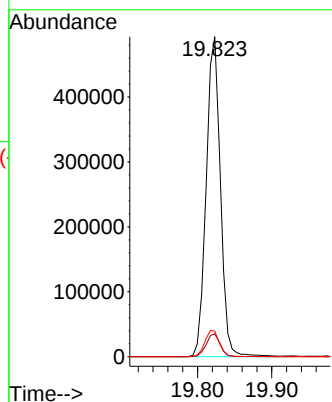
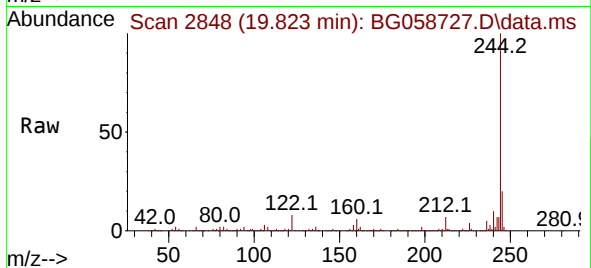
Tgt Ion:244 Resp: 655544

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

122 8.0 6.8 10.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.518 min Scan# 3647

Delta R.T. 0.003 min

Lab File: BG058727.D

Acq: 15 Aug 2023 11:33

Tgt Ion:264 Resp: 366582

Ion Ratio Lower Upper

264 100

260 22.5 18.4 27.6

265 22.4 17.9 26.9

