

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081523\
 Data File : BG058726.D
 Acq On : 15 Aug 2023 10:52
 Operator : MA/JU
 Sample : 03973-14
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-07-COMP

Quant Time: Aug 15 11:44:16 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)

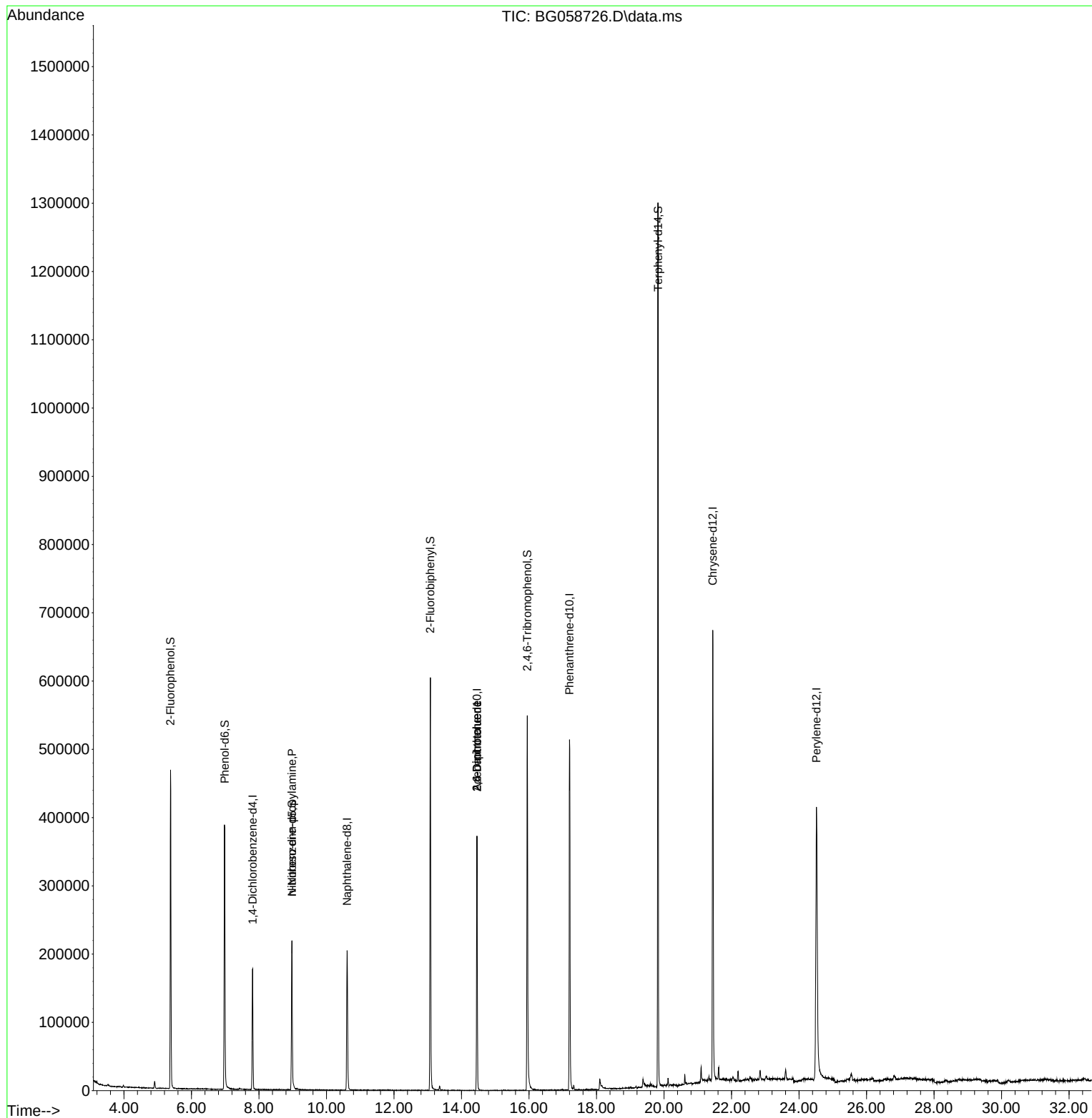
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	49250	20.000	ng	0.00
21) Naphthalene-d8	10.609	136	192564	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	136373	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	387313	20.000	ng	0.00
76) Chrysene-d12	21.443	240	416542	20.000	ng	0.00
86) Perylene-d12	24.516	264	507665	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.380	112	195310	60.614	ng	0.00
7) Phenol-d6	6.984	99	239202	53.350	ng	0.00
23) Nitrobenzene-d5	8.975	82	141253	36.035	ng	0.00
42) 2,4,6-Tribromophenol	15.949	330	133105	59.548	ng	0.00
45) 2-Fluorobiphenyl	13.076	172	340386	37.405	ng	0.00
79) Terphenyl-d14	19.821	244	658571	29.732	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.975	70	16875	5.827	ng	Qvalue # 77
51) 2,6-Dinitrotoluene	14.457	165	17171	7.641	ng	# 23
57) 2,4-Dinitrotoluene	14.457	165	17171	5.511	ng	# 24

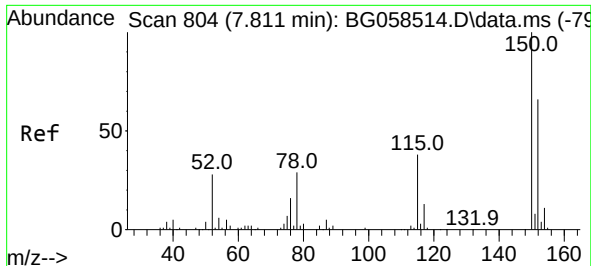
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 28 22:29:07 2023
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.812 min Scan# 804
Delta R.T. 0.001 min
Lab File: BG058726.D
Acq: 15 Aug 2023 10:52

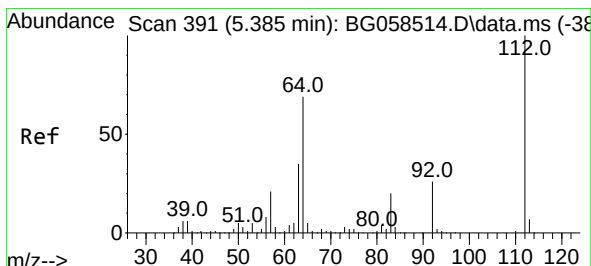
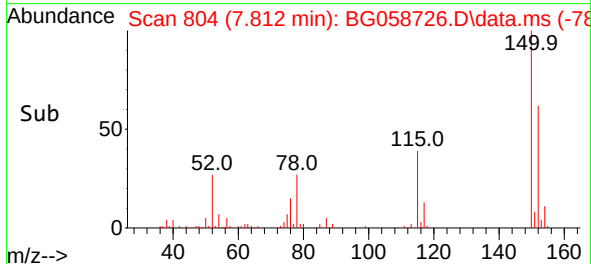
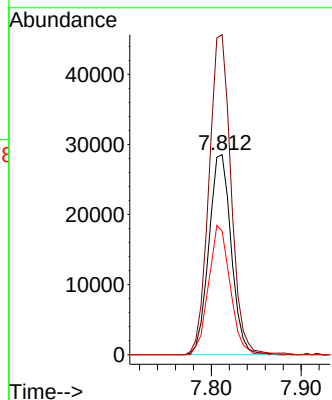
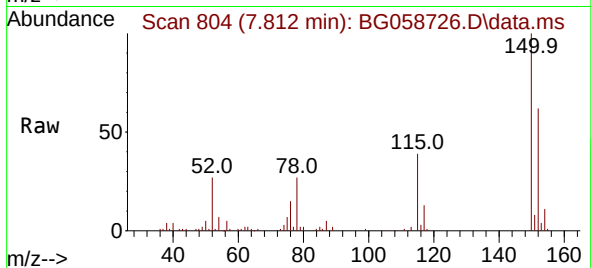
Instrument :

BNA_G

ClientSampleId :

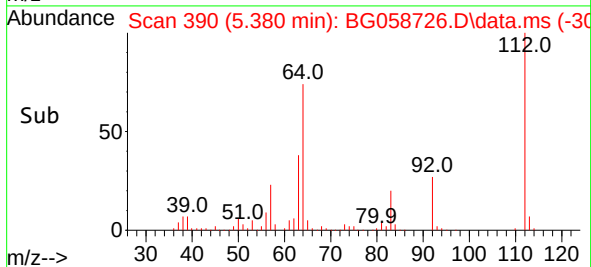
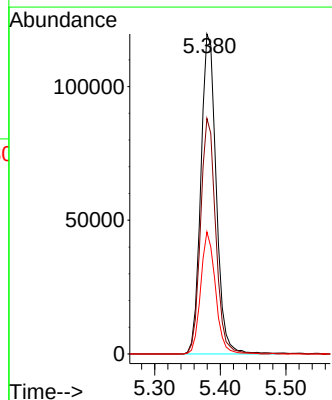
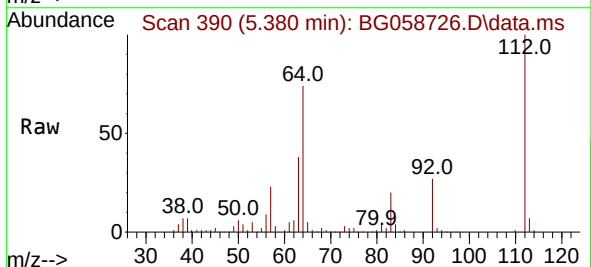
SB-07-COMP

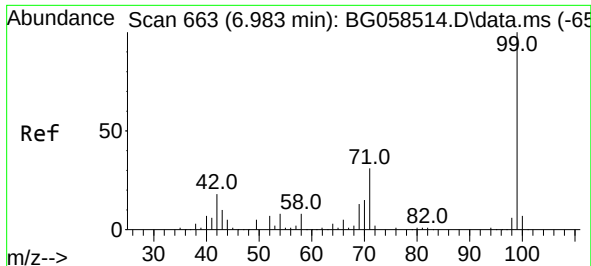
Tgt Ion:152 Resp: 49250
Ion Ratio Lower Upper
152 100
150 160.1 120.5 180.7
115 61.8 45.9 68.9



#5
2-Fluorophenol
Concen: 60.614 ng
RT: 5.380 min Scan# 390
Delta R.T. -0.005 min
Lab File: BG058726.D
Acq: 15 Aug 2023 10:52

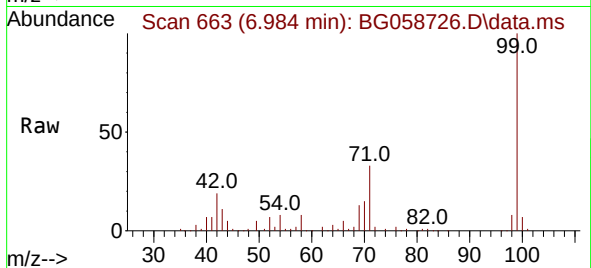
Tgt Ion:112 Resp: 195310
Ion Ratio Lower Upper
112 100
64 73.6 55.3 82.9
63 38.1 28.3 42.5



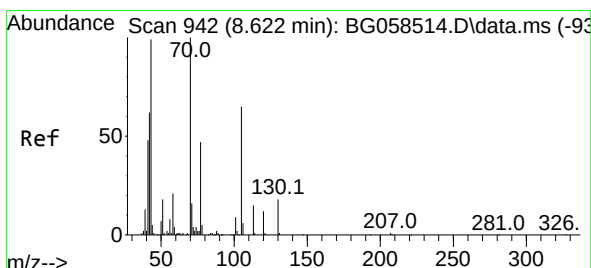
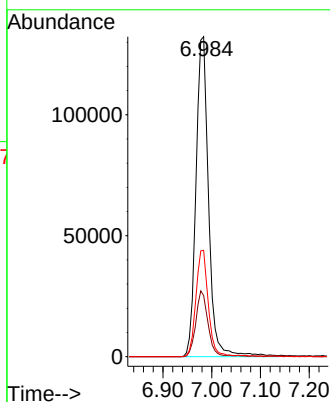
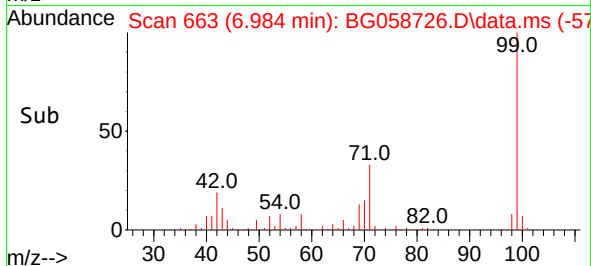


#7
Phenol-d6
Concen: 53.350 ng
RT: 6.984 min Scan# 60
Delta R.T. 0.001 min
Lab File: BG058726.D
Acq: 15 Aug 2023 10:52

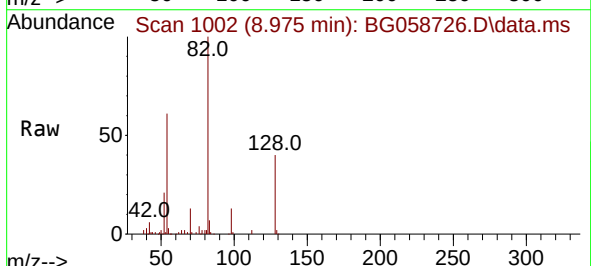
Instrument :
BNA_G
ClientSampleId :
SB-07-COMP



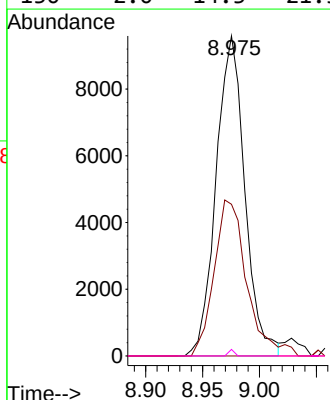
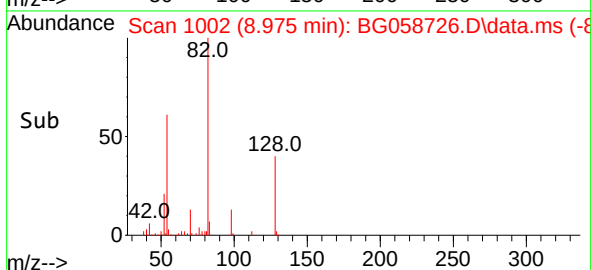
Tgt Ion: 99 Resp: 239202
Ion Ratio Lower Upper
99 100
42 19.1 14.6 21.8
71 33.2 25.0 37.4

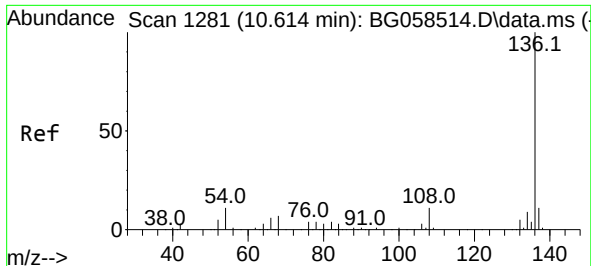


#19
n-Nitroso-di-n-propylamine
Concen: 5.827 ng
RT: 8.975 min Scan# 1002
Delta R.T. 0.353 min
Lab File: BG058726.D
Acq: 15 Aug 2023 10:52



Tgt Ion: 70 Resp: 16875
Ion Ratio Lower Upper
70 100
42 47.4 49.7 74.5#
101 0.0 7.0 10.4#
130 2.0 14.3 21.5#

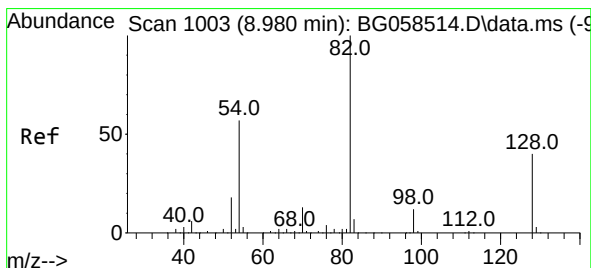
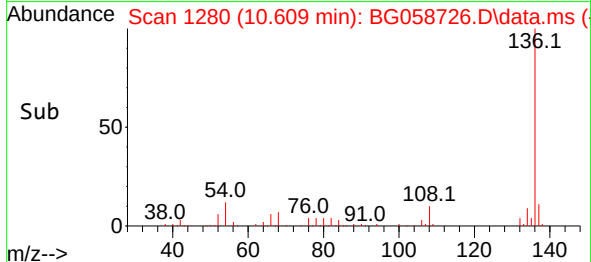
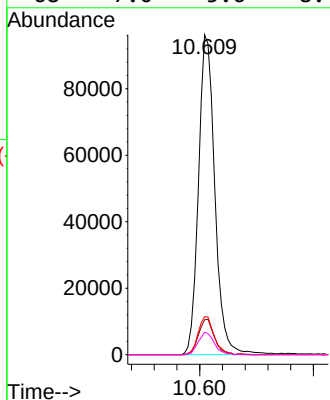
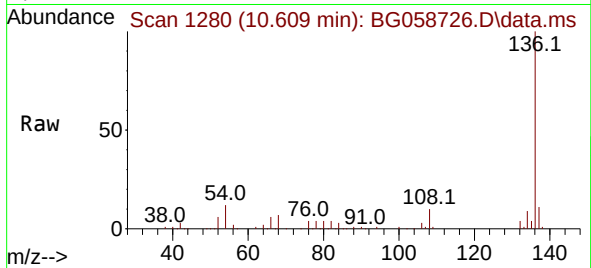




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.609 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG058726.D
Acq: 15 Aug 2023 10:52

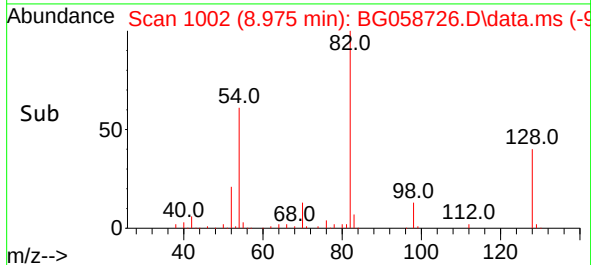
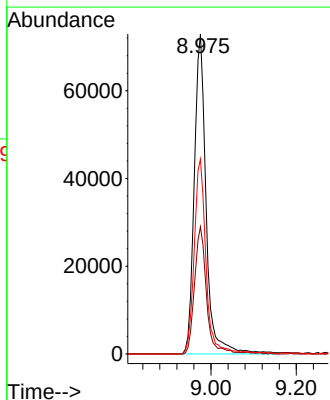
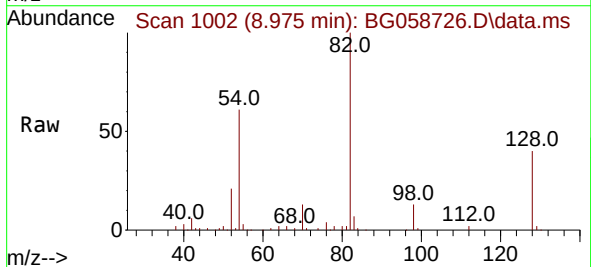
Instrument :
BNA_G
ClientSampleId :
SB-07-COMP

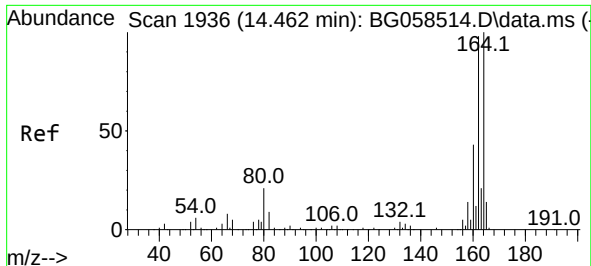
Tgt Ion:	136	Resp:	192564
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.6	13.0
54	11.8	8.9	13.3
68	7.0	5.6	8.4



#23
Nitrobenzene-d5
Concen: 36.035 ng
RT: 8.975 min Scan# 1002
Delta R.T. -0.005 min
Lab File: BG058726.D
Acq: 15 Aug 2023 10:52

Tgt Ion:	82	Resp:	141253
Ion Ratio	Lower	Upper	
82	100		
128	39.7	32.2	48.2
54	60.9	46.0	69.0

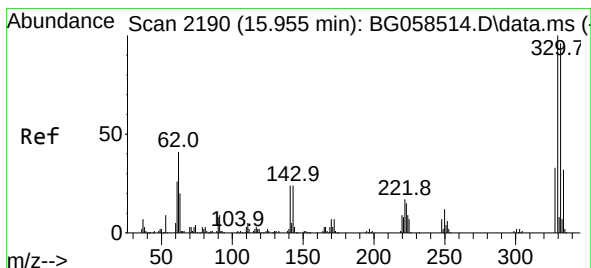
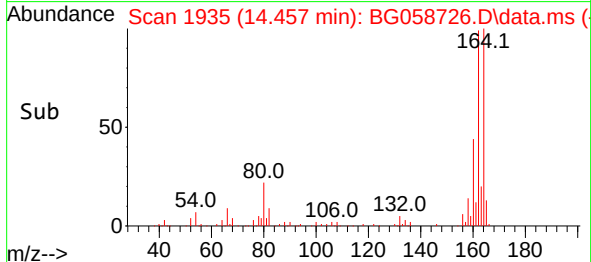
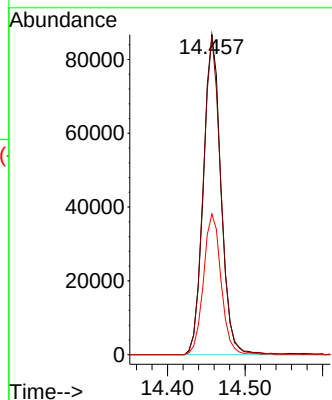
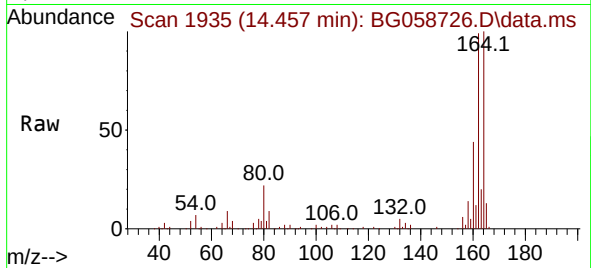




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1935
Delta R.T. -0.005 min
Lab File: BG058726.D
Acq: 15 Aug 2023 10:52

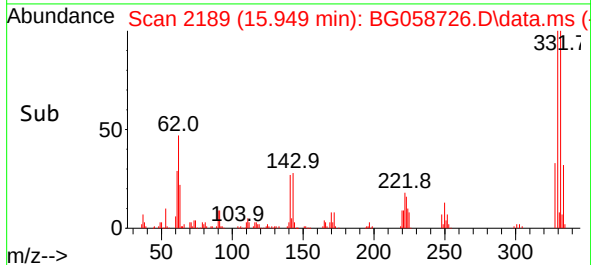
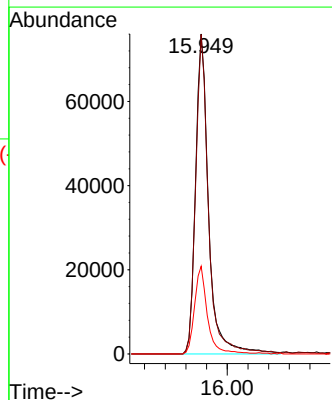
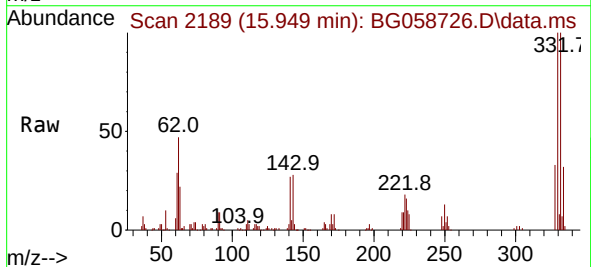
Instrument :
BNA_G
ClientSampleId :
SB-07-COMP

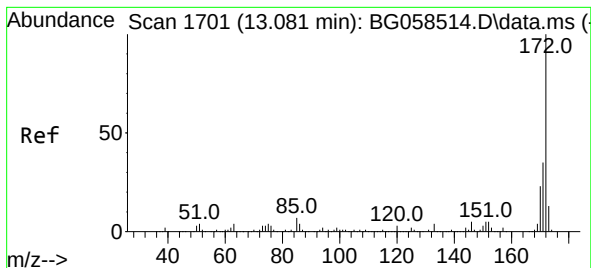
Tgt Ion:164 Resp: 136373
Ion Ratio Lower Upper
164 100
162 99.4 78.3 117.5
160 44.0 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 59.548 ng
RT: 15.949 min Scan# 2189
Delta R.T. -0.005 min
Lab File: BG058726.D
Acq: 15 Aug 2023 10:52

Tgt Ion:330 Resp: 133105
Ion Ratio Lower Upper
330 100
332 98.2 77.5 116.3
141 27.0 20.7 31.1





#45

2-Fluorobiphenyl

Concen: 37.405 ng

RT: 13.076 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG058726.D

Acq: 15 Aug 2023 10:52

Instrument :

BNA_G

ClientSampleId :

SB-07-COMP

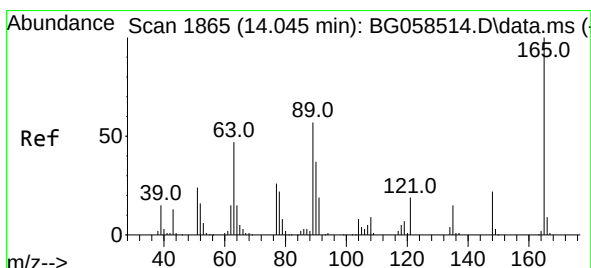
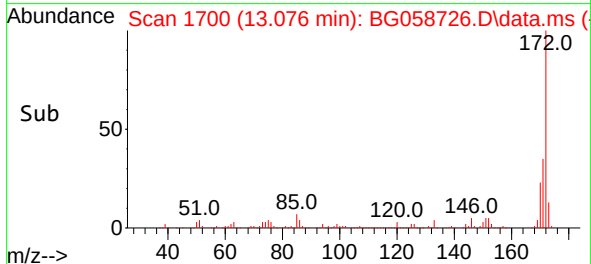
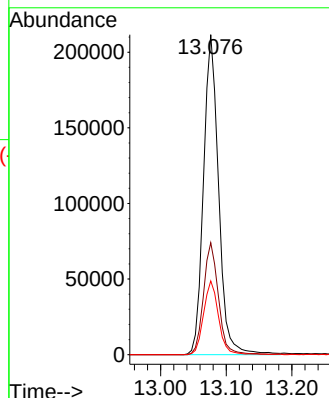
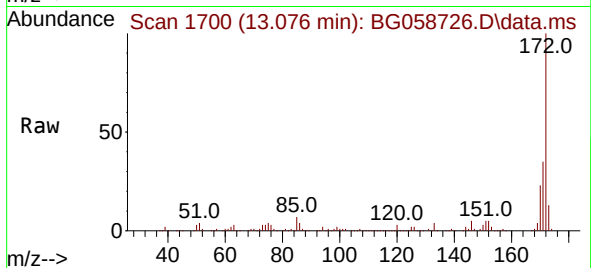
Tgt Ion:172 Resp: 340386

Ion Ratio Lower Upper

172 100

171 35.0 28.0 42.0

170 23.0 18.4 27.6



#51

2,6-Dinitrotoluene

Concen: 7.641 ng

RT: 14.457 min Scan# 1935

Delta R.T. 0.412 min

Lab File: BG058726.D

Acq: 15 Aug 2023 10:52

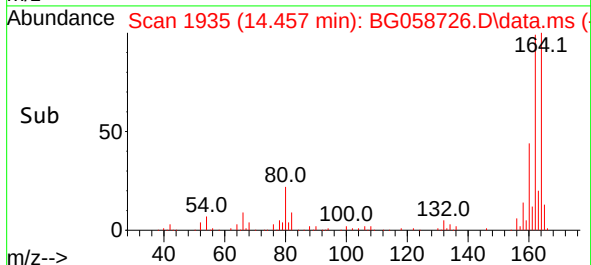
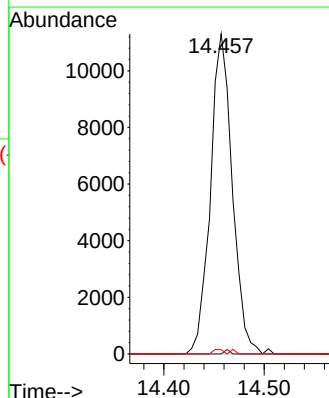
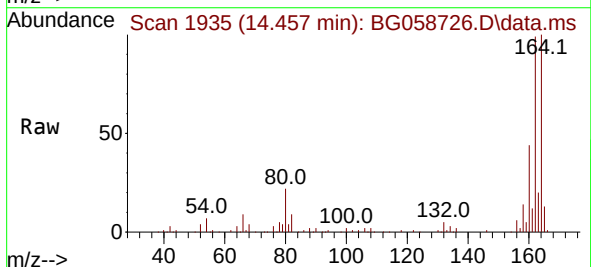
Tgt Ion:165 Resp: 17171

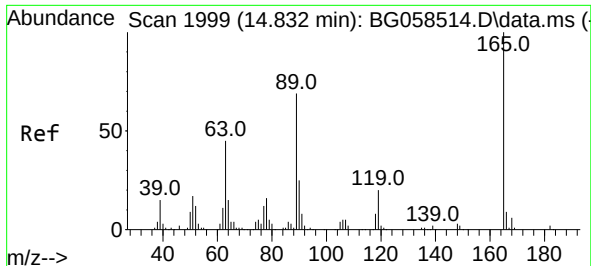
Ion Ratio Lower Upper

165 100

63 0.0 46.4 69.6#

89 1.4 45.3 67.9#





#57

2,4-Dinitrotoluene

Concen: 5.511 ng

RT: 14.457 min Scan# 1999

Delta R.T. -0.375 min

Lab File: BG058726.D

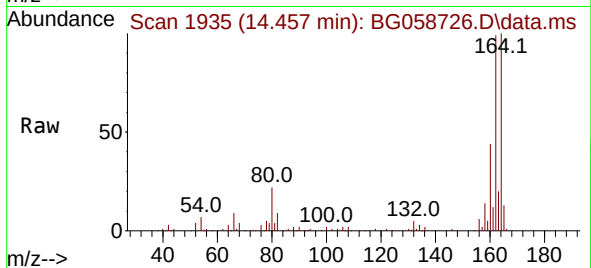
Acq: 15 Aug 2023 10:52

Instrument :

BNA_G

ClientSampleId :

SB-07-COMP



Tgt Ion:165 Resp: 17171

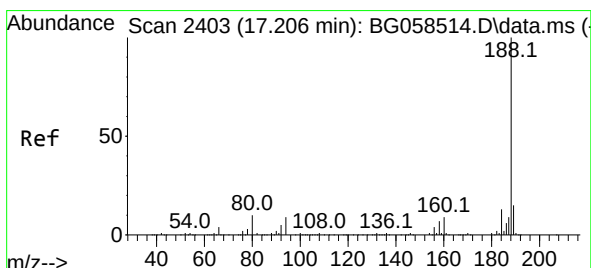
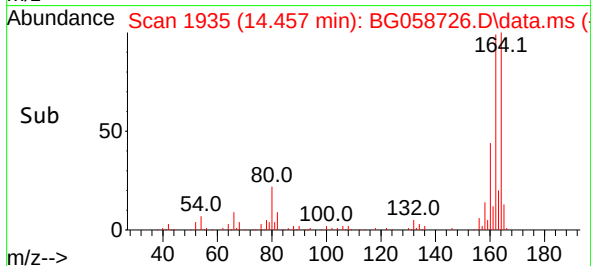
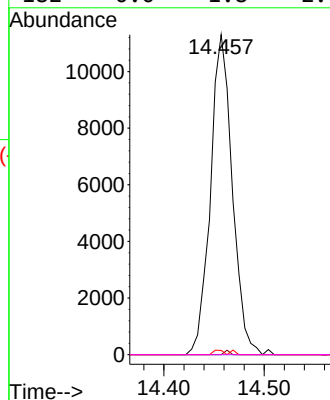
Ion Ratio Lower Upper

165 100

63 0.0 36.6 54.8#

89 1.4 55.4 83.0#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.201 min Scan# 2402

Delta R.T. -0.005 min

Lab File: BG058726.D

Acq: 15 Aug 2023 10:52

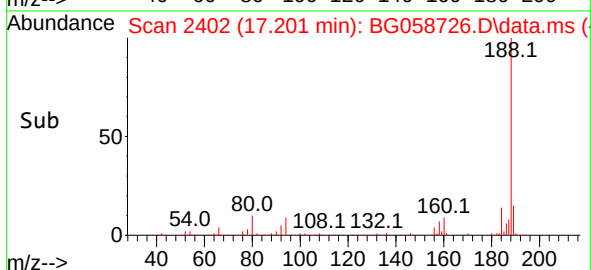
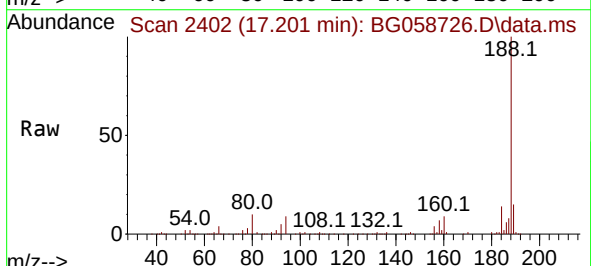
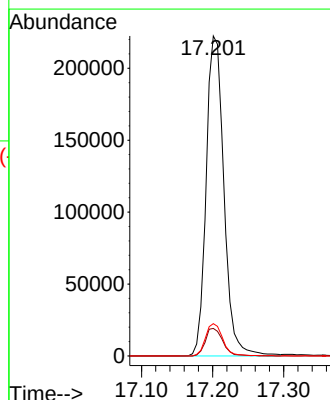
Tgt Ion:188 Resp: 387313

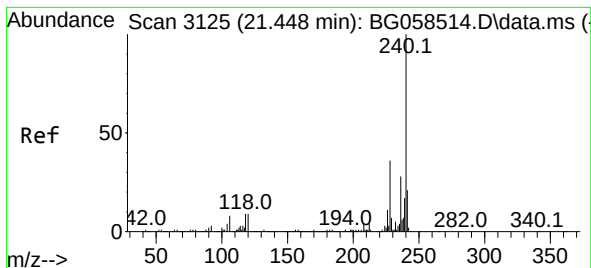
Ion Ratio Lower Upper

188 100

94 8.6 7.0 10.6

80 10.1 8.1 12.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.443 min Scan# 31

Delta R.T. -0.005 min

Lab File: BG058726.D

Acq: 15 Aug 2023 10:52

Instrument :

BNA_G

ClientSampleId :

SB-07-COMP

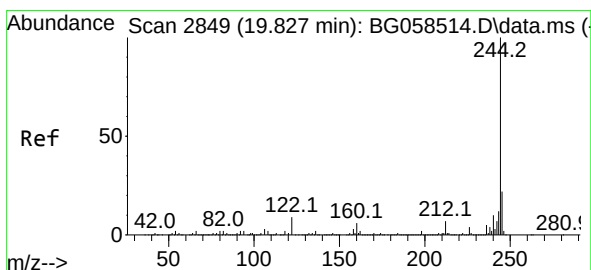
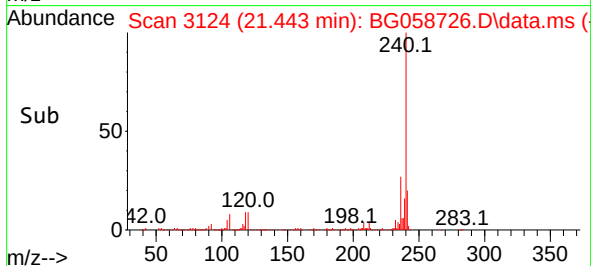
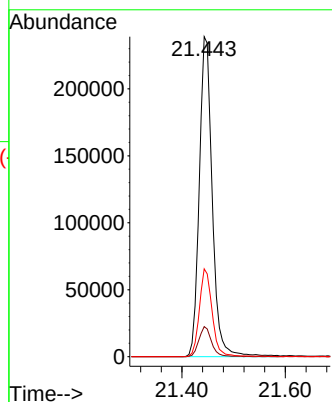
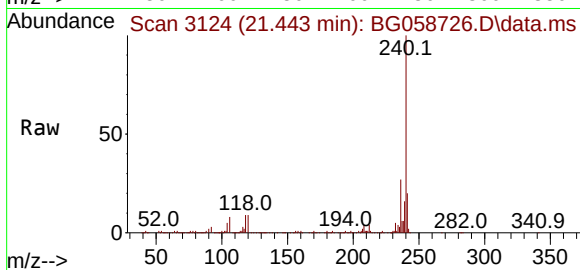
Tgt Ion:240 Resp: 416542

Ion Ratio Lower Upper

240 100

120 9.4 7.4 11.0

236 27.4 22.2 33.4



#79

Terphenyl-d14

Concen: 29.732 ng

RT: 19.821 min Scan# 2848

Delta R.T. -0.005 min

Lab File: BG058726.D

Acq: 15 Aug 2023 10:52

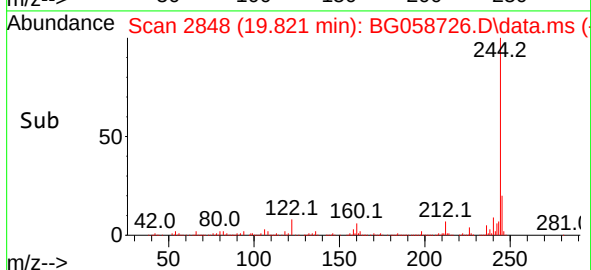
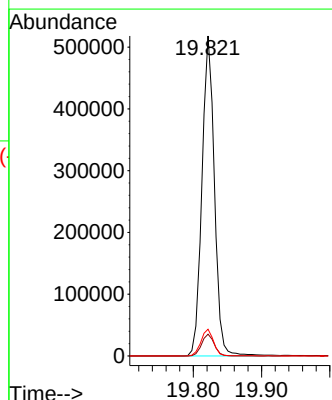
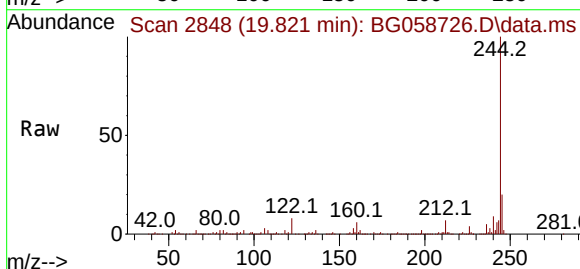
Tgt Ion:244 Resp: 658571

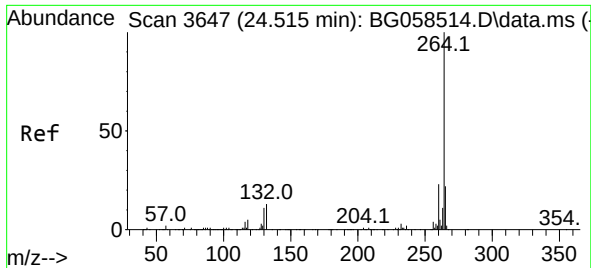
Ion Ratio Lower Upper

244 100

212 6.8 5.9 8.9

122 8.3 6.8 10.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.516 min Scan# 30
 Delta R.T. 0.001 min
 Lab File: BG058726.D
 Acq: 15 Aug 2023 10:52

Instrument :
 BNA_G
 ClientSampleId :
 SB-07-COMP

Tgt Ion:264 Resp: 507665
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.4 27.6
 265 22.7 17.9 26.9

