

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080723\
 Data File : BG058629.D
 Acq On : 7 Aug 2023 16:18
 Operator : MA/JU
 Sample : 03862-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EQUIPMENT-BLANK-1

Quant Time: Aug 07 17:20:20 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)

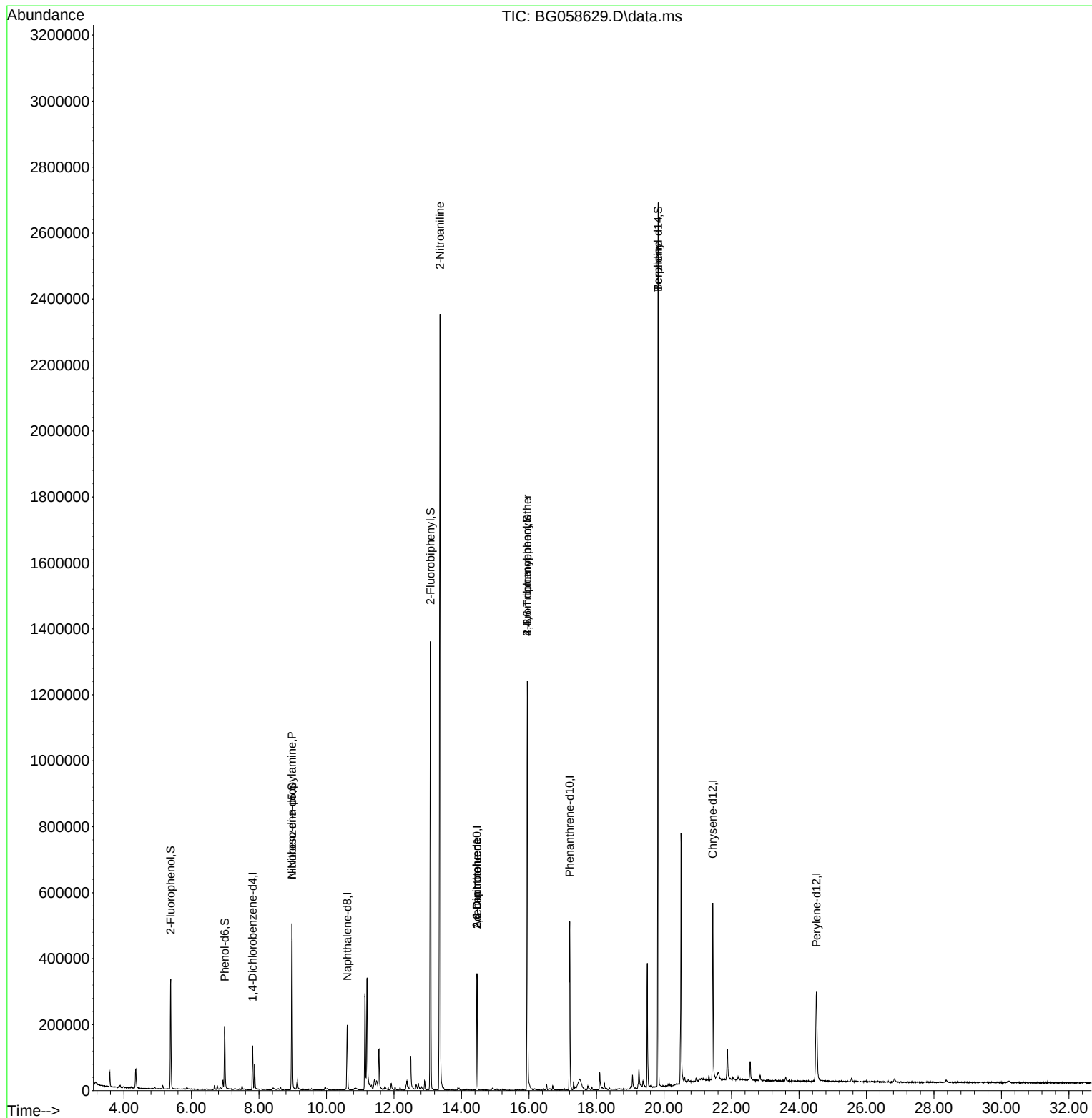
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.813	152	36348	20.000	ng	0.00
21) Naphthalene-d8	10.616	136	167878	20.000	ng	0.00
39) Acenaphthene-d10	14.458	164	129243	20.000	ng	0.00
64) Phenanthrene-d10	17.208	188	340007	20.000	ng	0.00
76) Chrysene-d12	21.444	240	307095	20.000	ng	0.00
86) Perylene-d12	24.517	264	315225	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.386	112	142242	59.814	ng	0.00
7) Phenol-d6	6.985	99	121814	36.812	ng	0.00
23) Nitrobenzene-d5	8.976	82	318676	93.253	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	283925	134.029	ng	0.00
45) 2-Fluorobiphenyl	13.083	172	781424	90.607	ng	0.00
79) Terphenyl-d14	19.828	244	1401831	85.843	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	8.976	70	40134	18.777	ng	# 81
48) 2-Nitroaniline	13.365	65	50944	19.286	ng	# 18
51) 2,6-Dinitrotoluene	14.458	165	16589	7.789	ng	# 24
57) 2,4-Dinitrotoluene	14.458	165	16589	5.618	ng	# 25
67) 4-Bromophenyl-phenylether	15.951	248	17617	4.568	ng	# 1
77) Benzydine	19.828	184	17658	3.792	ng	# 27

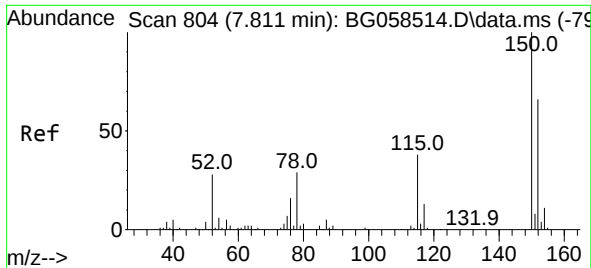
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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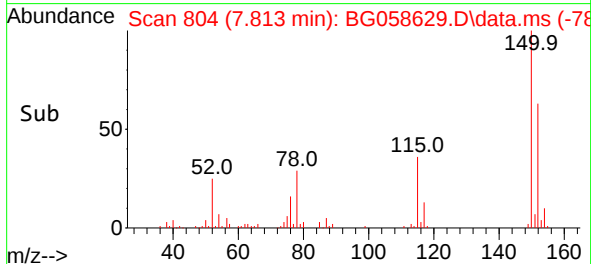
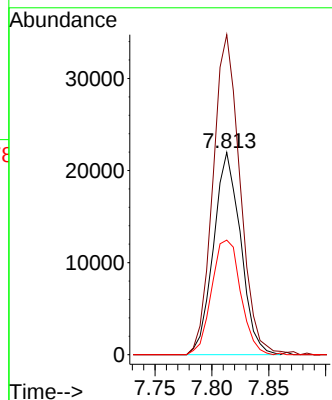
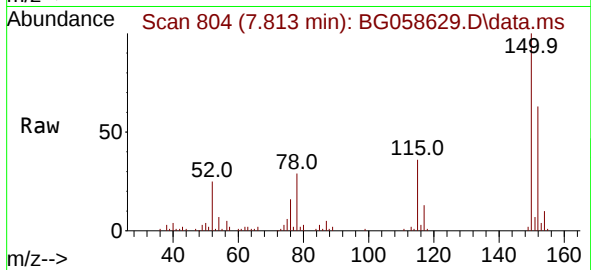




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.813 min Scan# 804
Delta R.T. 0.002 min
Lab File: BG058629.D
Acq: 7 Aug 2023 16:18

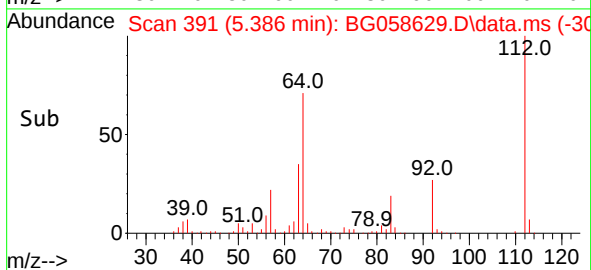
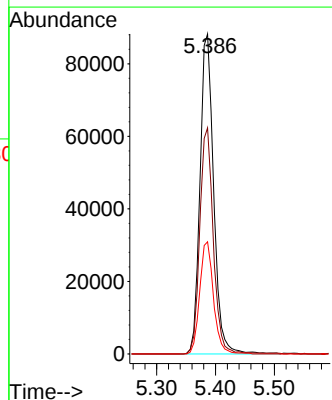
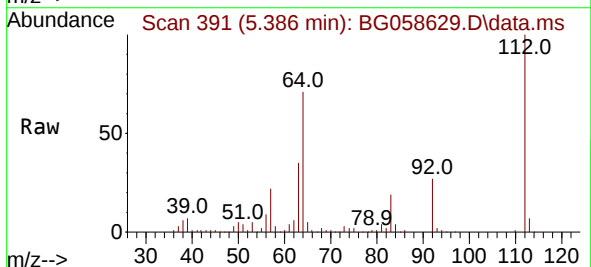
Instrument :
BNA_G
ClientSampleId :
EQUIPMENT-BLANK-1

Tgt Ion:152 Resp: 36348
Ion Ratio Lower Upper
152 100
150 158.3 120.5 180.7
115 56.7 45.9 68.9



#5
2-Fluorophenol
Concen: 59.814 ng
RT: 5.386 min Scan# 391
Delta R.T. 0.002 min
Lab File: BG058629.D
Acq: 7 Aug 2023 16:18

Tgt Ion:112 Resp: 142242
Ion Ratio Lower Upper
112 100
64 70.6 55.3 82.9
63 35.1 28.3 42.5

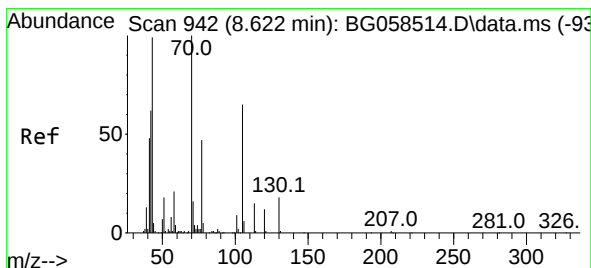
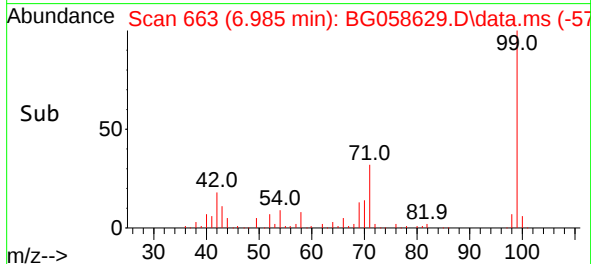
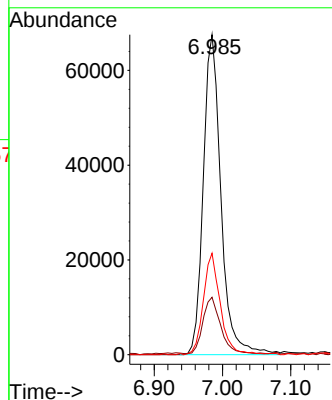
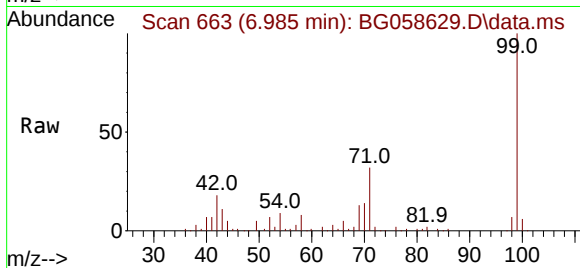




#7
Phenol-d6
Concen: 36.812 ng
RT: 6.985 min Scan# 60
Delta R.T. 0.002 min
Lab File: BG058629.D
Acq: 7 Aug 2023 16:18

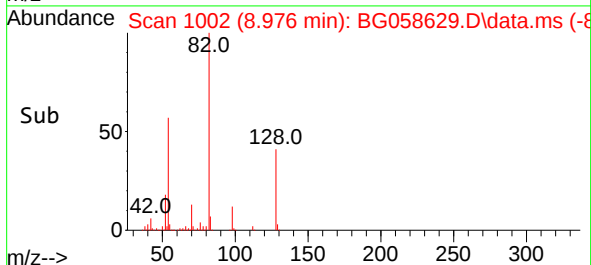
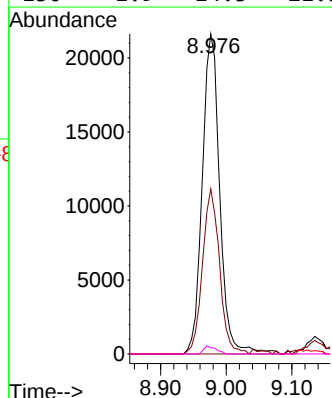
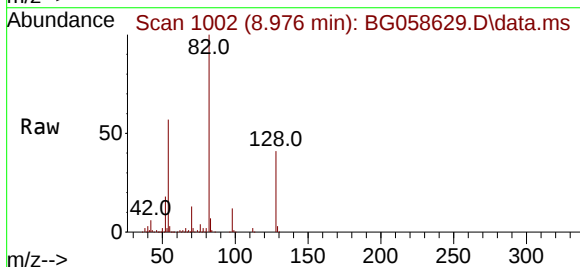
Instrument :
BNA_G
ClientSampleId :
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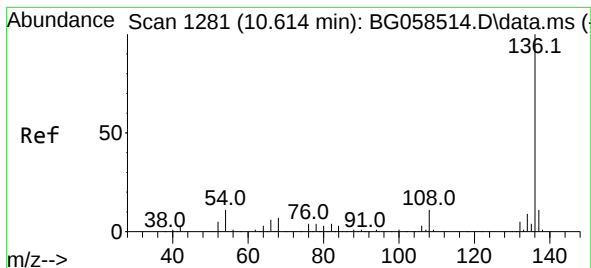
Tgt Ion: 99 Resp: 121814
Ion Ratio Lower Upper
99 100
42 18.0 14.6 21.8
71 31.7 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 18.777 ng
RT: 8.976 min Scan# 1002
Delta R.T. 0.354 min
Lab File: BG058629.D
Acq: 7 Aug 2023 16:18

Tgt Ion: 70 Resp: 40134
Ion Ratio Lower Upper
70 100
42 51.5 49.7 74.5
101 0.0 7.0 10.4#
130 1.9 14.3 21.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.616 min Scan# 1002

Delta R.T. 0.002 min

Lab File: BG058629.D

Acq: 7 Aug 2023 16:18

Instrument :

BNA_G

ClientSampleId :

EQUIPMENT-BLANK-1

Tgt Ion:136 Resp: 167878

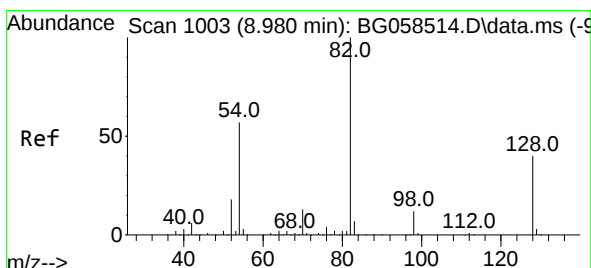
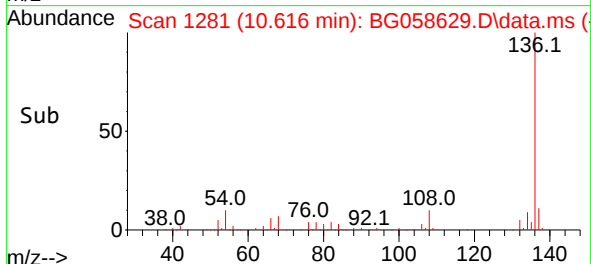
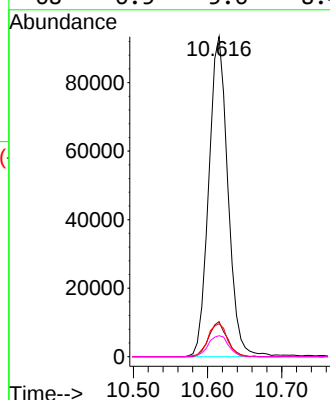
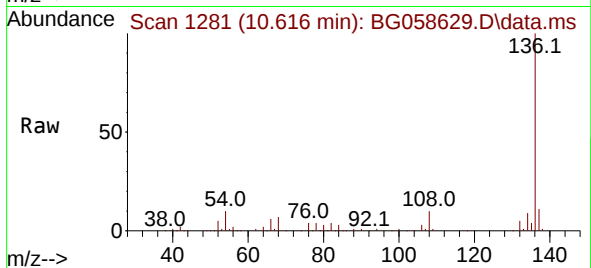
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 10.3 8.9 13.3

68 6.5 5.6 8.4



#23

Nitrobenzene-d5

Concen: 93.253 ng

RT: 8.976 min Scan# 1002

Delta R.T. -0.004 min

Lab File: BG058629.D

Acq: 7 Aug 2023 16:18

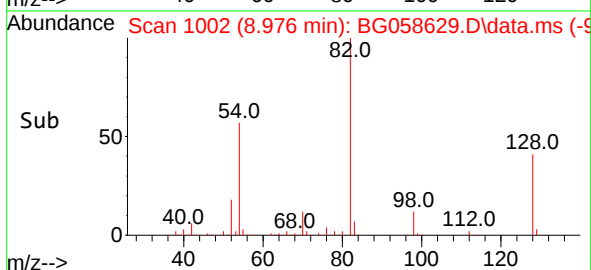
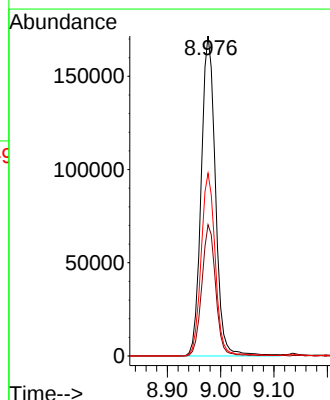
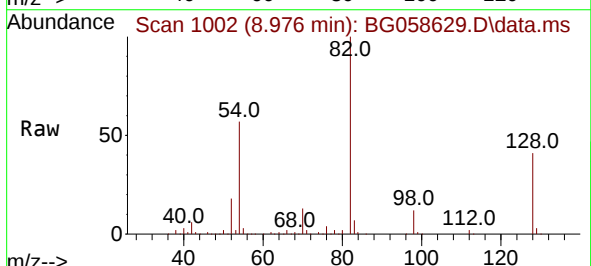
Tgt Ion: 82 Resp: 318676

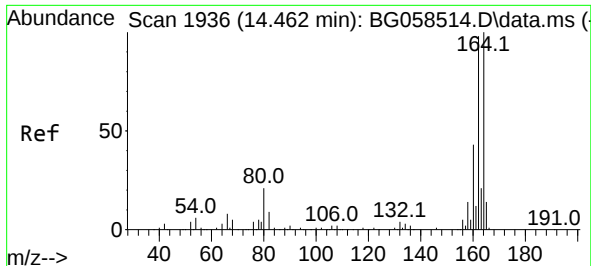
Ion Ratio Lower Upper

82 100

128 41.0 32.2 48.2

54 57.1 46.0 69.0

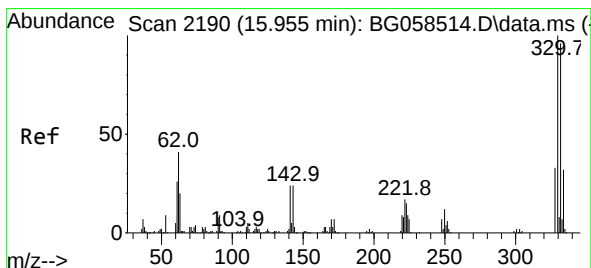
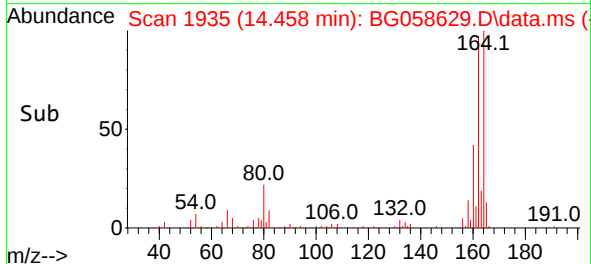
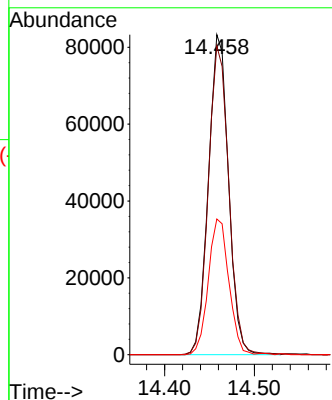
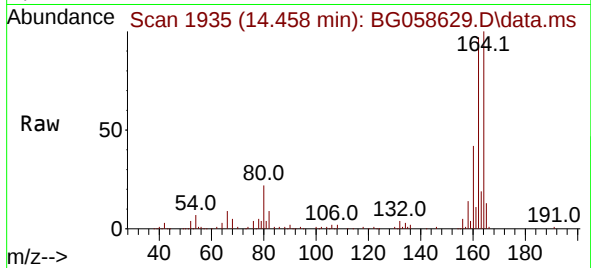




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.458 min Scan# 1935
Delta R.T. -0.004 min
Lab File: BG058629.D
Acq: 7 Aug 2023 16:18

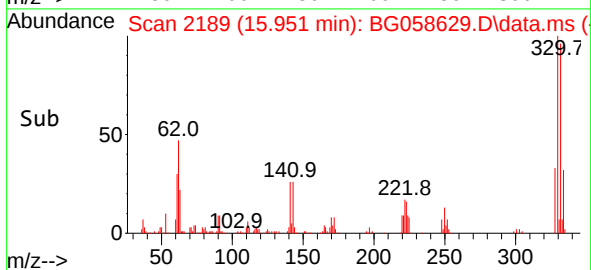
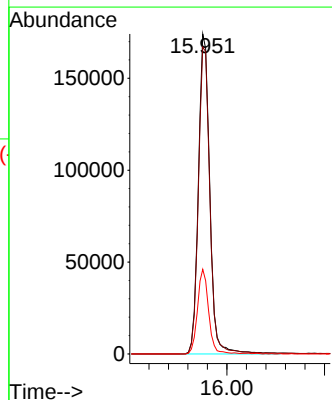
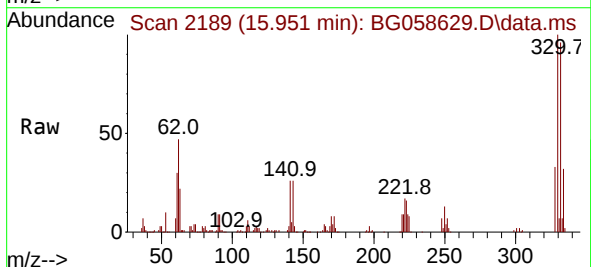
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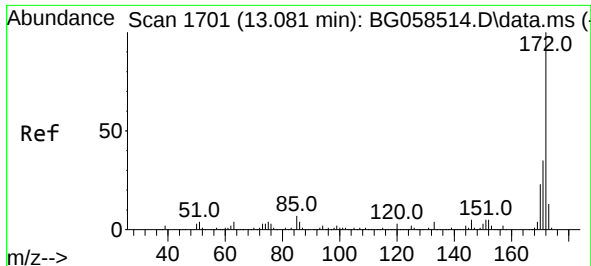
Tgt Ion:164 Resp: 129243
Ion Ratio Lower Upper
164 100
162 96.5 78.3 117.5
160 42.4 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 134.029 ng
RT: 15.951 min Scan# 2189
Delta R.T. -0.004 min
Lab File: BG058629.D
Acq: 7 Aug 2023 16:18

Tgt Ion:330 Resp: 283925
Ion Ratio Lower Upper
330 100
332 96.2 77.5 116.3
141 25.8 20.7 31.1

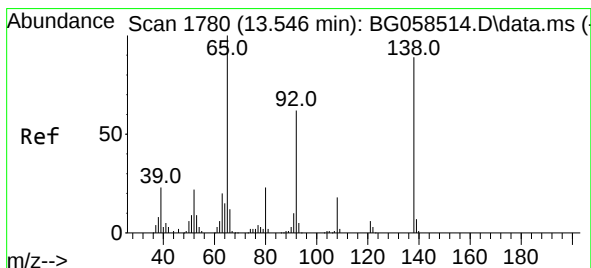
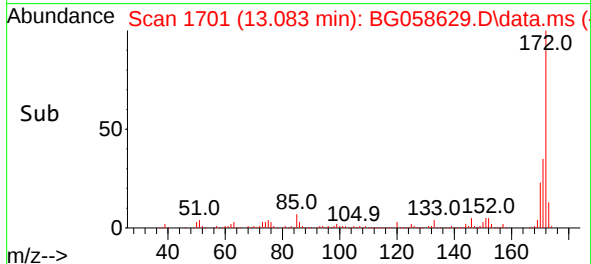
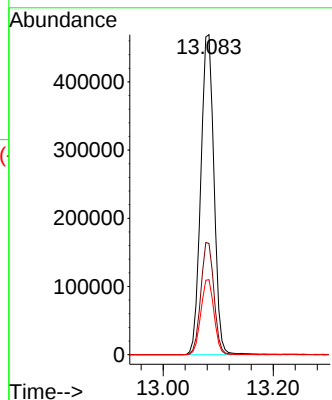
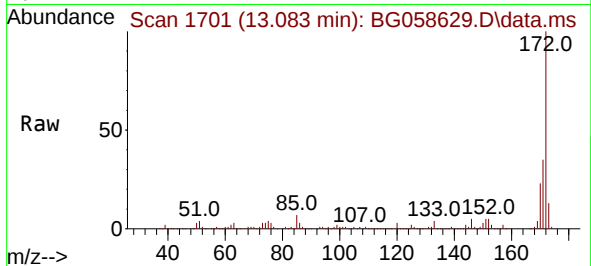




#45
2-Fluorobiphenyl
Concen: 90.607 ng
RT: 13.083 min Scan# 1701
Delta R.T. 0.002 min
Lab File: BG058629.D
Acq: 7 Aug 2023 16:18

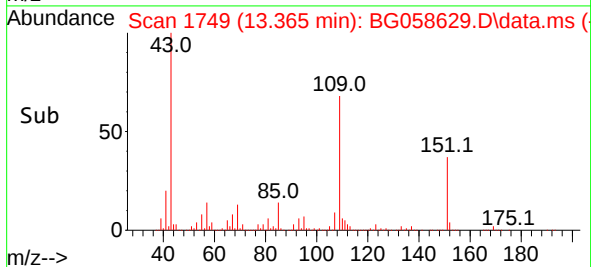
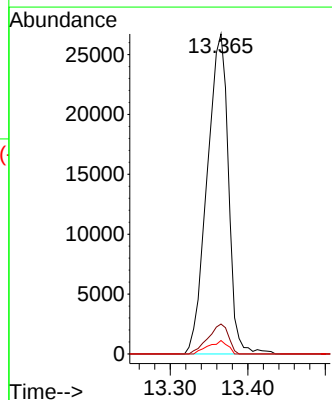
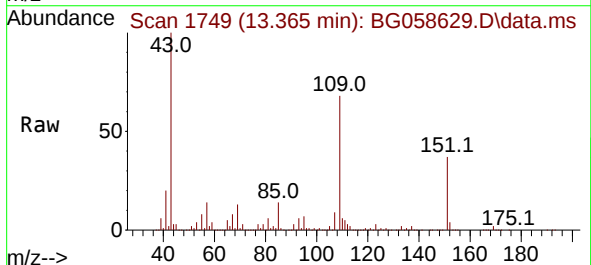
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BNA_G
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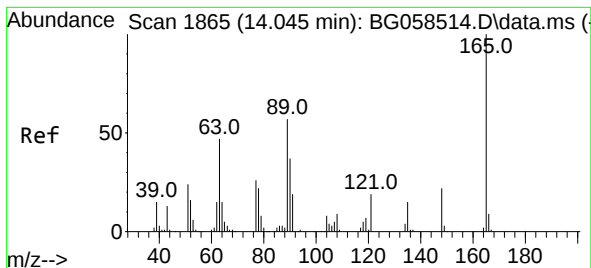
Tgt Ion:172 Resp: 781424
Ion Ratio Lower Upper
172 100
171 34.8 28.0 42.0
170 23.4 18.4 27.6



#48
2-Nitroaniline
Concen: 19.286 ng
RT: 13.365 min Scan# 1749
Delta R.T. -0.180 min
Lab File: BG058629.D
Acq: 7 Aug 2023 16:18

Tgt Ion: 65 Resp: 50944
Ion Ratio Lower Upper
65 100
92 9.4 49.2 73.8#
138 4.2 71.5 107.3#

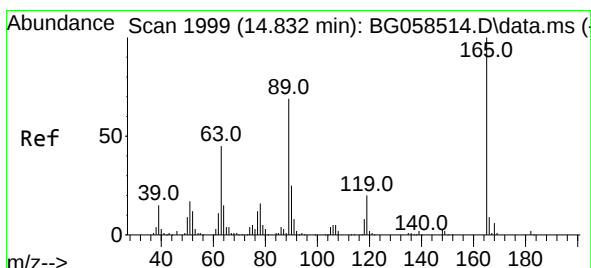
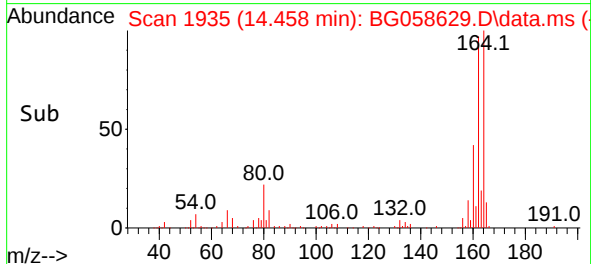
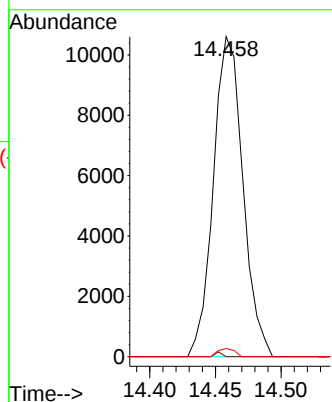
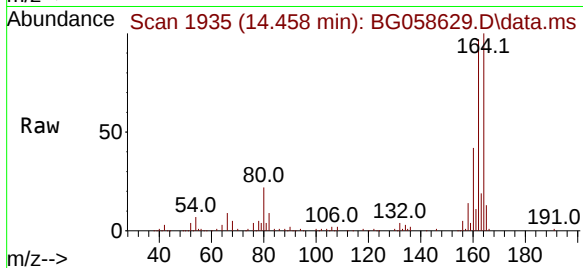




#51
2,6-Dinitrotoluene
Concen: 7.789 ng
RT: 14.458 min Scan# 1935
Delta R.T. 0.413 min
Lab File: BG058629.D
Acq: 7 Aug 2023 16:18

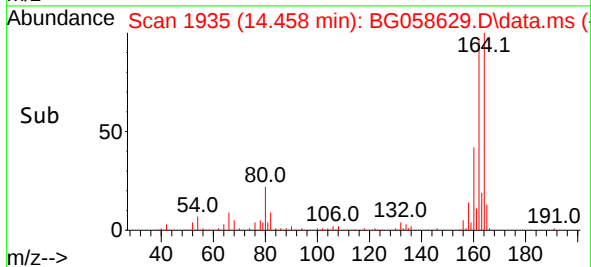
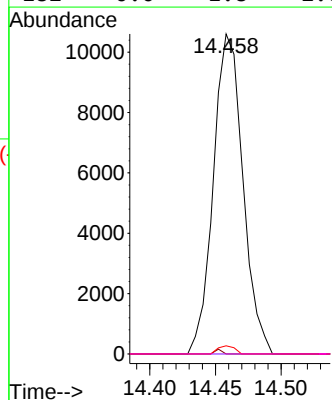
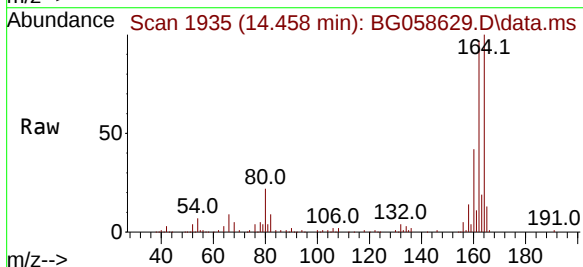
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ClientSampleId :
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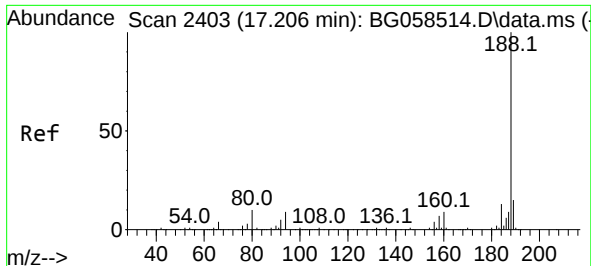
Tgt Ion:165 Resp: 16589
Ion Ratio Lower Upper
165 100
63 0.0 46.4 69.6#
89 2.5 45.3 67.9#



#57
2,4-Dinitrotoluene
Concen: 5.618 ng
RT: 14.458 min Scan# 1935
Delta R.T. -0.374 min
Lab File: BG058629.D
Acq: 7 Aug 2023 16:18

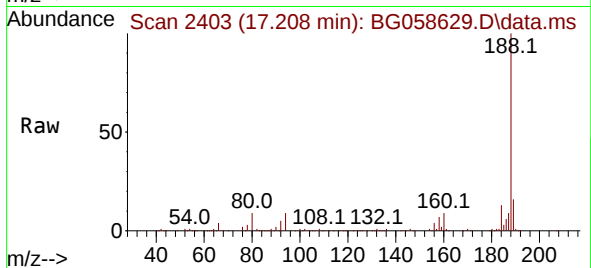
Tgt Ion:165 Resp: 16589
Ion Ratio Lower Upper
165 100
63 0.0 36.6 54.8#
89 2.5 55.4 83.0#
182 0.0 1.8 2.6#



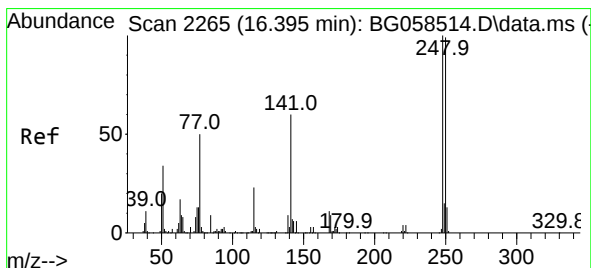
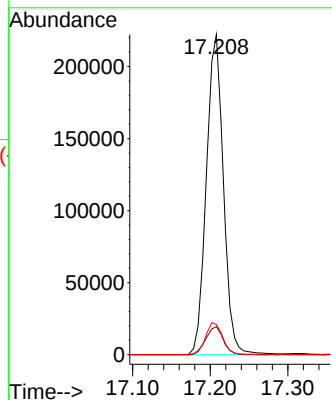
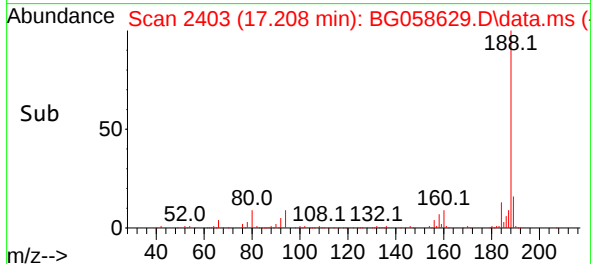


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.208 min Scan# 24
Delta R.T. 0.002 min
Lab File: BG058629.D
Acq: 7 Aug 2023 16:18

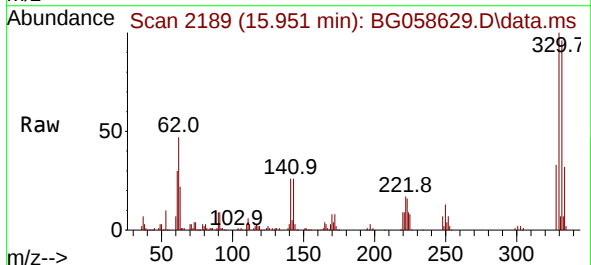
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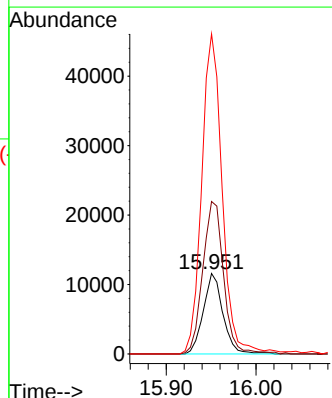
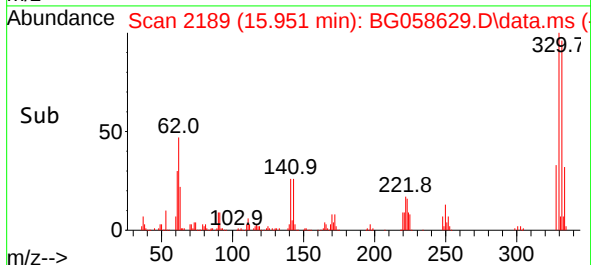
Tgt Ion:188 Resp: 340007
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.6
80 9.4 8.1 12.1

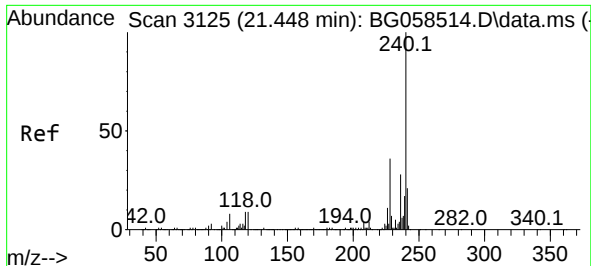


#67
4-Bromophenyl-phenylether
Concen: 4.568 ng
RT: 15.951 min Scan# 2189
Delta R.T. -0.445 min
Lab File: BG058629.D
Acq: 7 Aug 2023 16:18



Tgt Ion:248 Resp: 17617
Ion Ratio Lower Upper
248 100
250 189.6 79.5 119.3#
141 397.9 48.2 72.2#

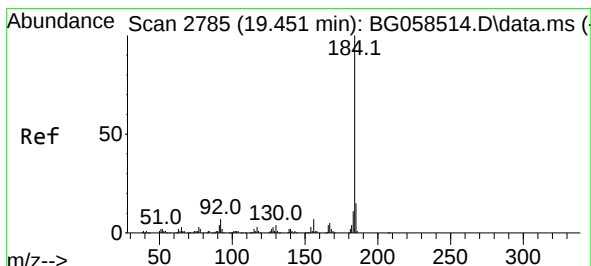
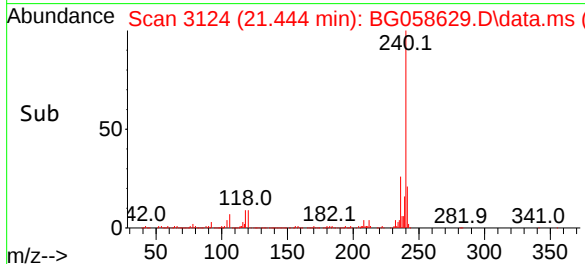
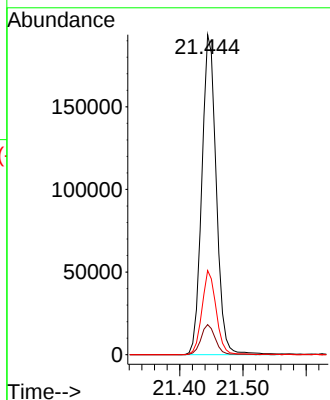
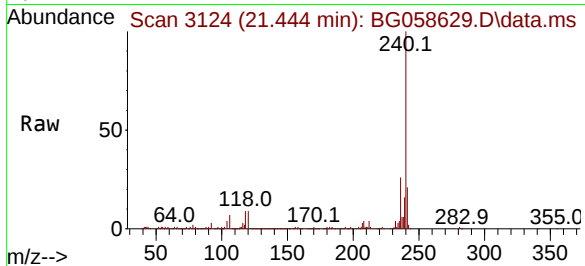




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.444 min Scan# 3125
Delta R.T. -0.004 min
Lab File: BG058629.D
Acq: 7 Aug 2023 16:18

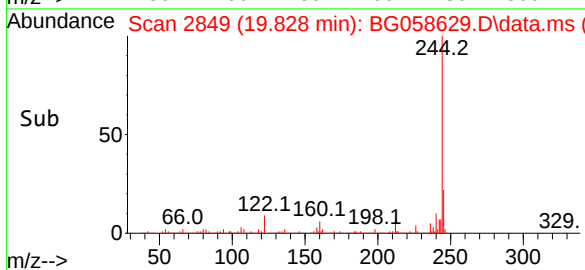
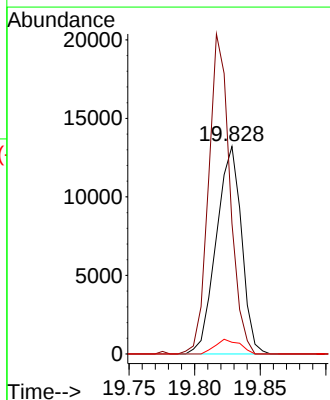
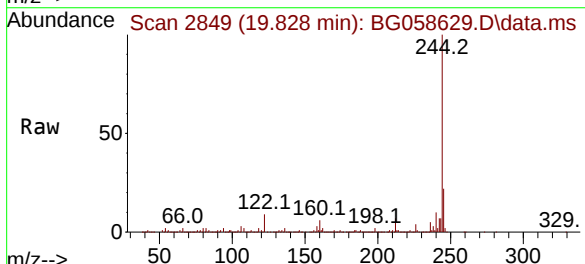
Instrument :
BNA_G
ClientSampleId :
EQUIPMENT-BLANK-1

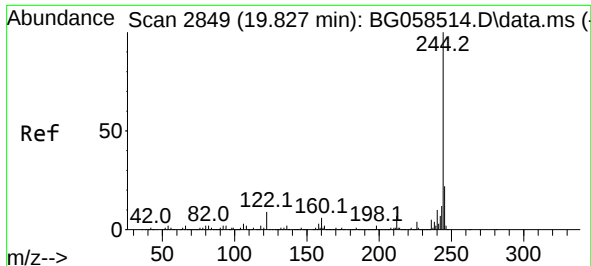
Tgt Ion:240 Resp: 307095
Ion Ratio Lower Upper
240 100
120 9.4 7.4 11.0
236 26.3 22.2 33.4



#77
Benzidine
Concen: 3.792 ng
RT: 19.828 min Scan# 2849
Delta R.T. 0.378 min
Lab File: BG058629.D
Acq: 7 Aug 2023 16:18

Tgt Ion:184 Resp: 17658
Ion Ratio Lower Upper
184 100
185 62.9 11.9 17.9#
183 5.6 8.7 13.1#

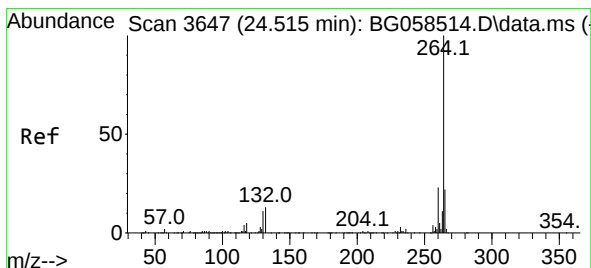
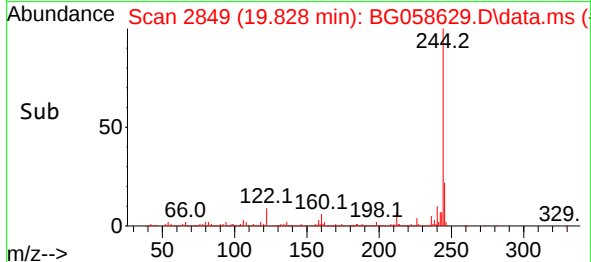
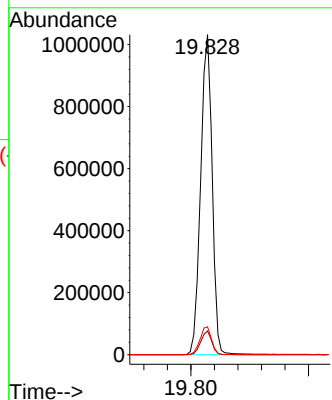
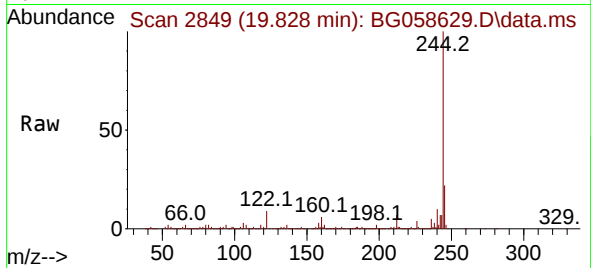




#79
 Terphenyl-d14
 Concen: 85.843 ng
 RT: 19.828 min Scan# 21
 Delta R.T. 0.002 min
 Lab File: BG058629.D
 Acq: 7 Aug 2023 16:18

Instrument :
 BNA_G
 ClientSampleId :
 EQUIPMENT-BLANK-1

Tgt Ion:244 Resp: 1401831
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 8.7 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: BG058629.D
 Acq: 7 Aug 2023 16:18

Tgt Ion:264 Resp: 315225
 Ion Ratio Lower Upper
 264 100
 260 22.0 18.4 27.6
 265 21.6 17.9 26.9

