

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080123\
 Data File : BG058565.D
 Acq On : 1 Aug 2023 16:42
 Operator : MA/JU
 Sample : 03715-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Quant Time: Aug 01 19:03:03 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)

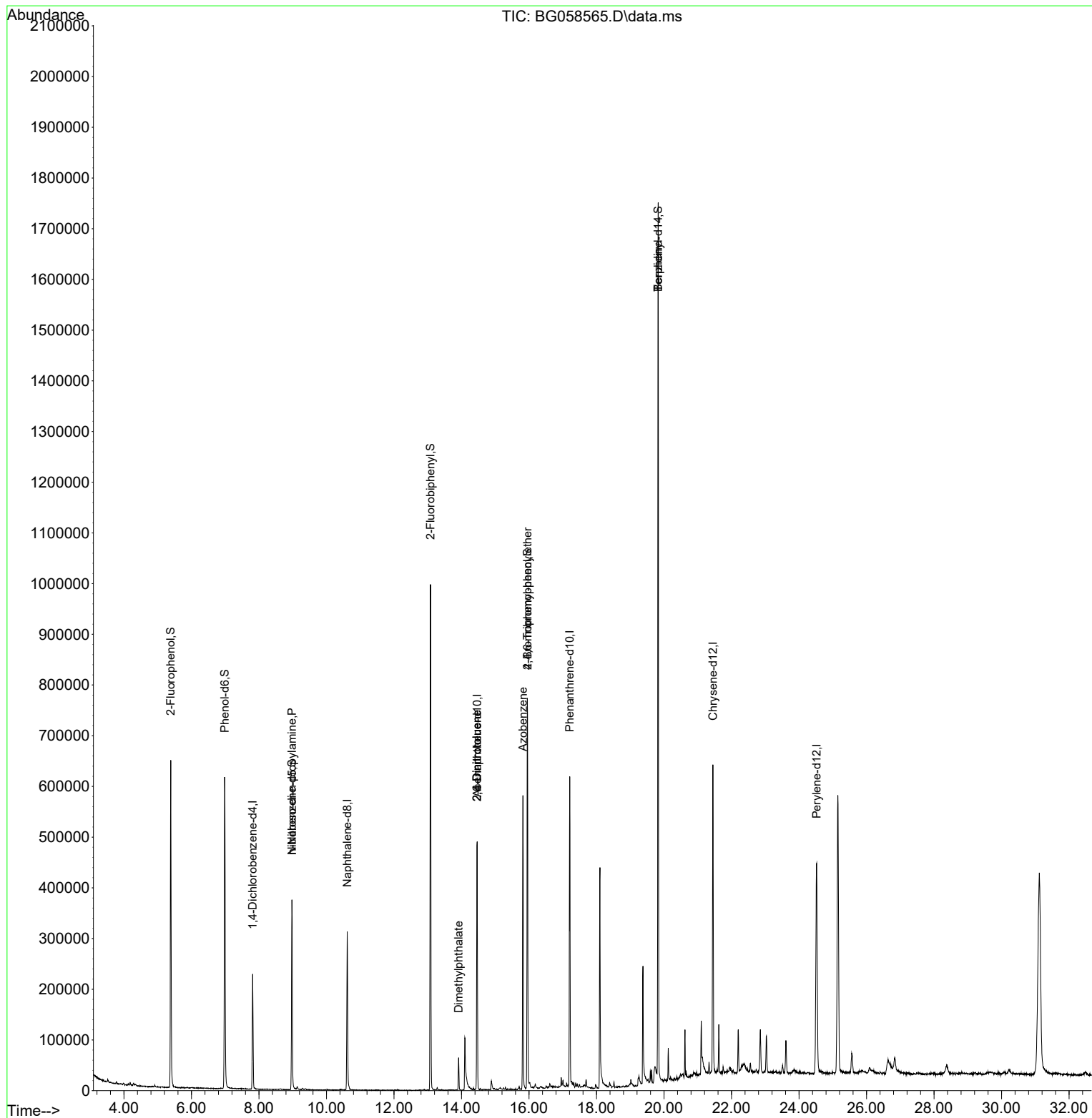
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	63092	20.000	ng	0.00
21) Naphthalene-d8	10.615	136	264448	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	179580	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	390564	20.000	ng	0.00
76) Chrysene-d12	21.449	240	343786	20.000	ng	0.00
86) Perylene-d12	24.522	264	422747	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.386	112	277922	67.329	ng	0.00
7) Phenol-d6	6.984	99	383324	66.737	ng	0.00
23) Nitrobenzene-d5	8.976	82	232220	43.138	ng	0.00
42) 2,4,6-Tribromophenol	15.956	330	176447	59.946	ng	0.00
45) 2-Fluorobiphenyl	13.082	172	555917	46.391	ng	0.00
79) Terphenyl-d14	19.827	244	915561	50.082	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.976	70	28845	7.775	ng	# 78
50) Dimethylphthalate	13.917	163	44658	3.311	ng	98
51) 2,6-Dinitrotoluene	14.457	165	23272	7.864	ng	# 25
57) 2,4-Dinitrotoluene	14.457	165	23272	5.672	ng	# 25
63) Azobenzene	15.820	77	165331	12.217	ng	# 1
67) 4-Bromophenyl-phenylether	15.956	248	11010	2.485	ng	# 1
77) Benzidine	19.827	184	11580	2.221	ng	# 93

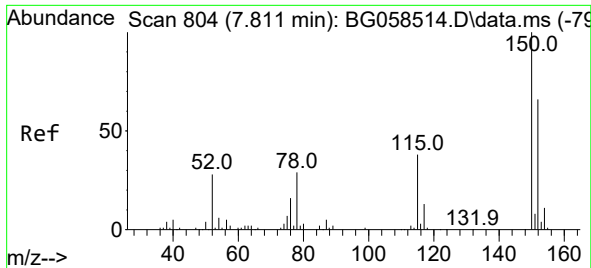
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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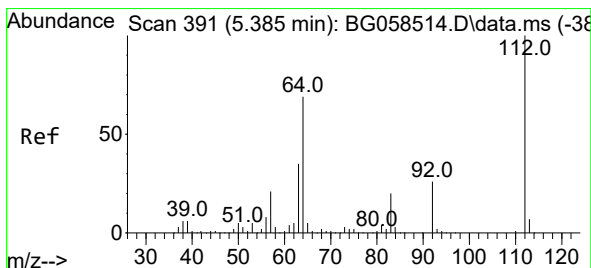
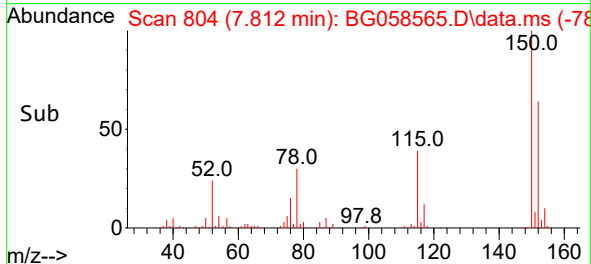
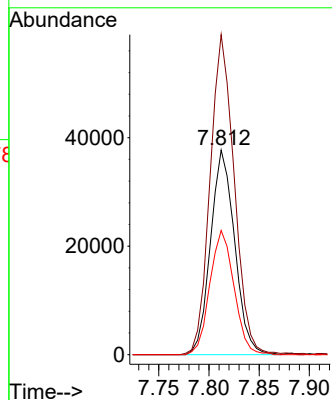
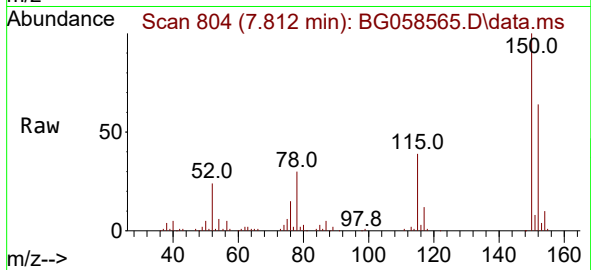




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.812 min Scan# 804
Delta R.T. 0.001 min
Lab File: BG058565.D
Acq: 1 Aug 2023 16:42

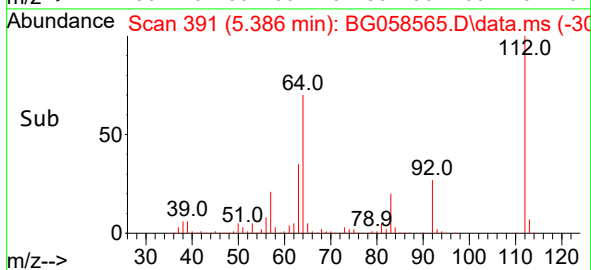
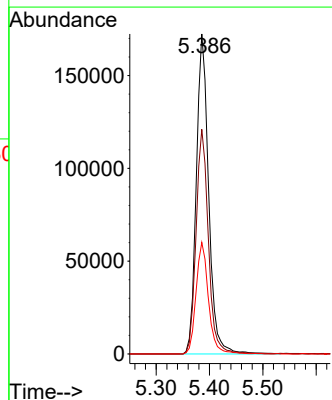
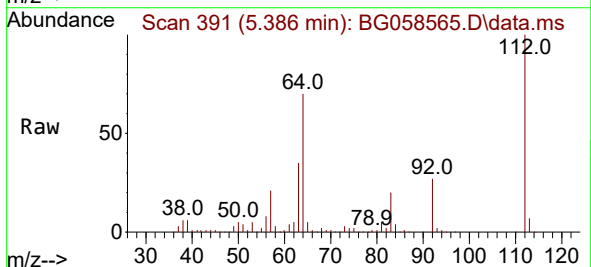
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BNA_G
ClientSampleId :
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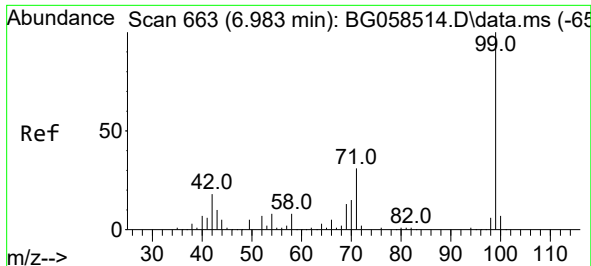
Tgt Ion:152 Resp: 63092
Ion Ratio Lower Upper
152 100
150 156.3 120.5 180.7
115 60.7 45.9 68.9



#5
2-Fluorophenol
Concen: 67.329 ng
RT: 5.386 min Scan# 391
Delta R.T. 0.001 min
Lab File: BG058565.D
Acq: 1 Aug 2023 16:42

Tgt Ion:112 Resp: 277922
Ion Ratio Lower Upper
112 100
64 70.2 55.3 82.9
63 34.9 28.3 42.5

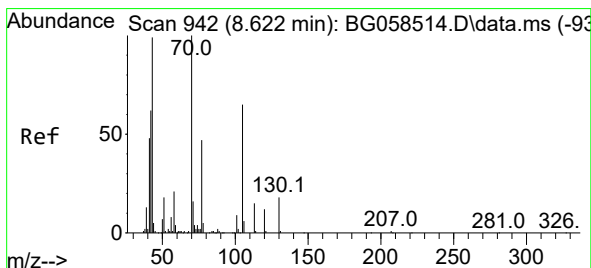
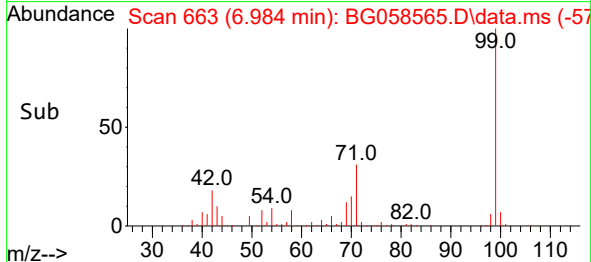
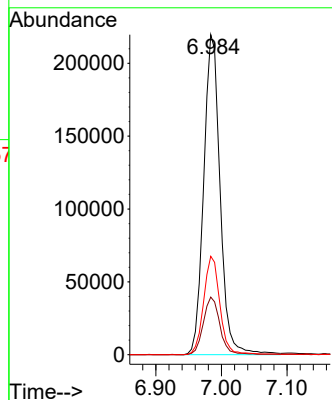
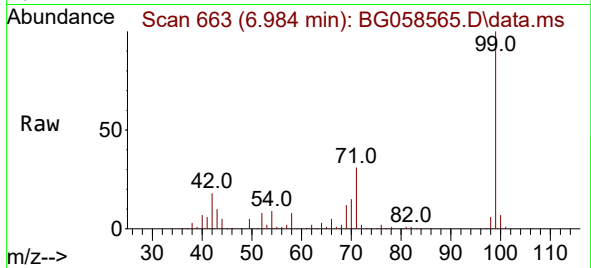




#7
Phenol-d6
Concen: 66.737 ng
RT: 6.984 min Scan# 60
Delta R.T. 0.001 min
Lab File: BG058565.D
Acq: 1 Aug 2023 16:42

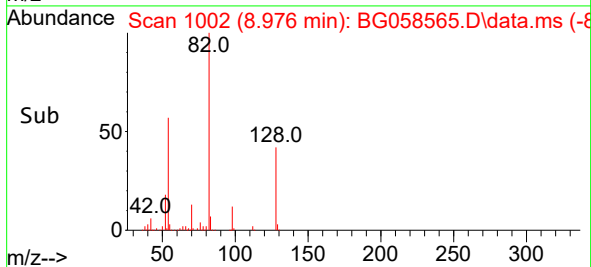
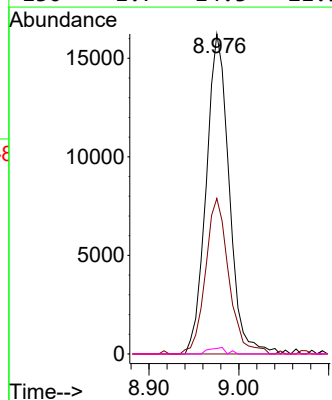
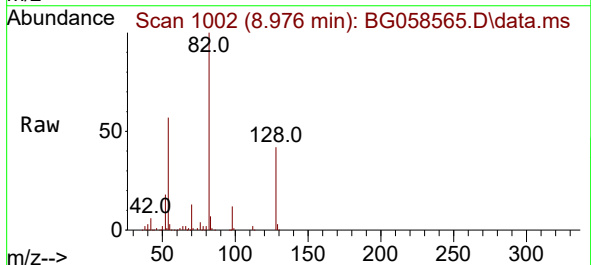
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BNA_G
ClientSampleId :
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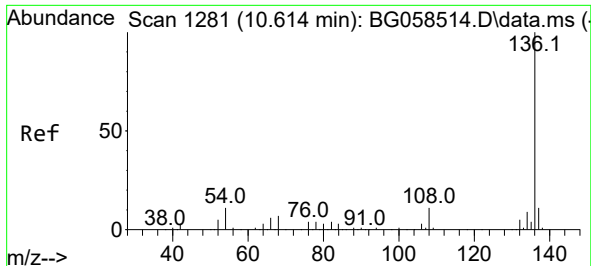
Tgt Ion: 99 Resp: 383324
Ion Ratio Lower Upper
99 100
42 18.0 14.6 21.8
71 30.7 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 7.775 ng
RT: 8.976 min Scan# 1002
Delta R.T. 0.353 min
Lab File: BG058565.D
Acq: 1 Aug 2023 16:42

Tgt Ion: 70 Resp: 28845
Ion Ratio Lower Upper
70 100
42 48.6 49.7 74.5#
101 0.0 7.0 10.4#
130 1.7 14.3 21.5#

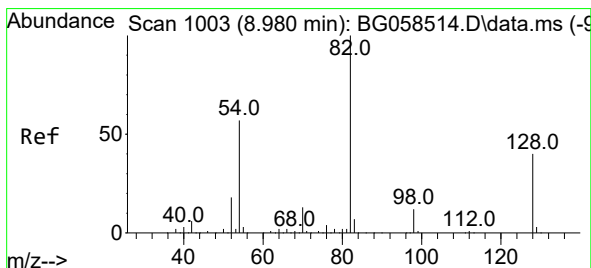
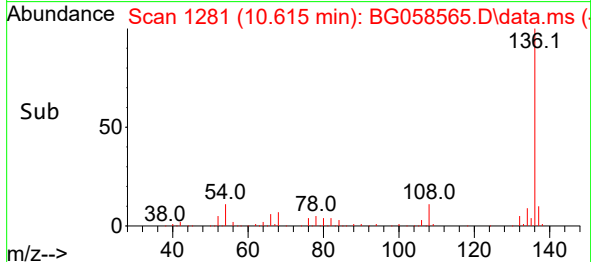
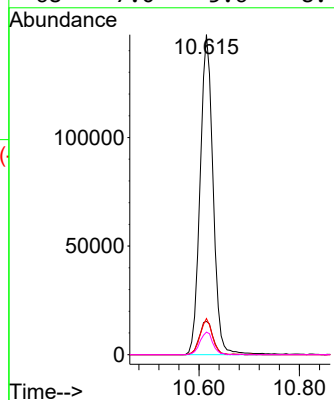
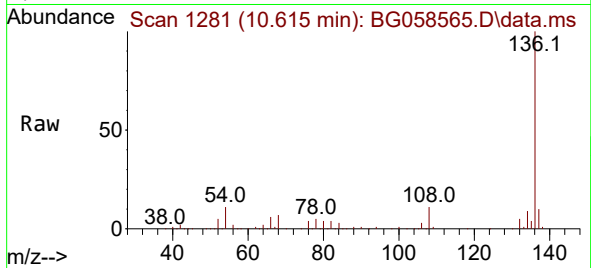




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.615 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG058565.D
Acq: 1 Aug 2023 16:42

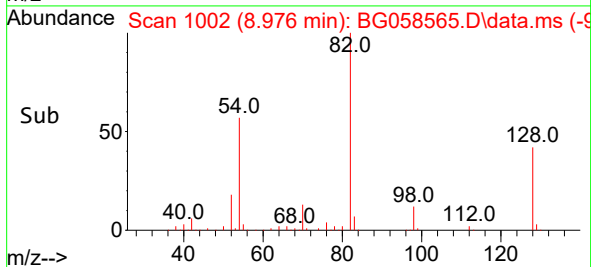
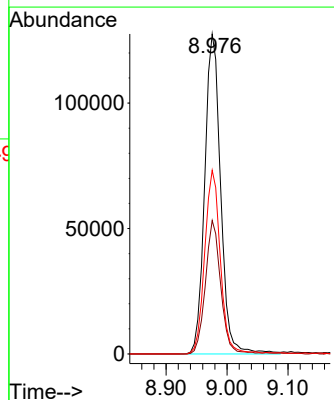
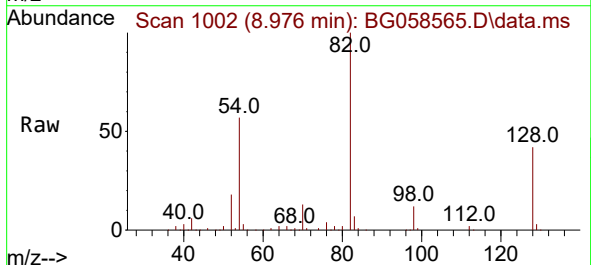
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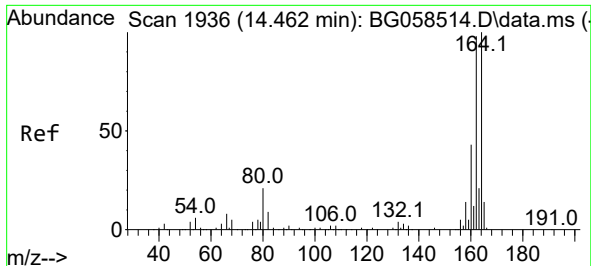
Tgt Ion:136 Resp: 264448
Ion Ratio Lower Upper
136 100
137 10.4 8.6 13.0
54 11.3 8.9 13.3
68 7.0 5.6 8.4



#23
Nitrobenzene-d5
Concen: 43.138 ng
RT: 8.976 min Scan# 1002
Delta R.T. -0.005 min
Lab File: BG058565.D
Acq: 1 Aug 2023 16:42

Tgt Ion: 82 Resp: 232220
Ion Ratio Lower Upper
82 100
128 41.7 32.2 48.2
54 57.4 46.0 69.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.463 min Scan# 1936

Delta R.T. 0.001 min

Lab File: BG058565.D

Acq: 1 Aug 2023 16:42

Instrument :

BNA_G

ClientSampleId :

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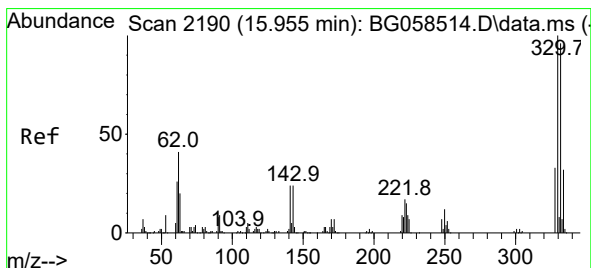
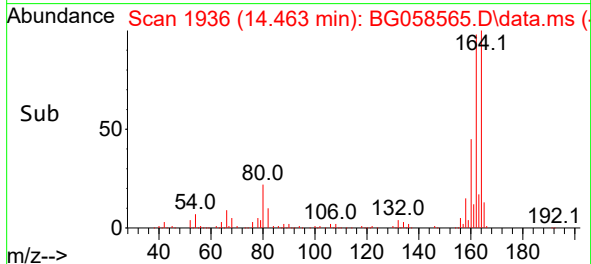
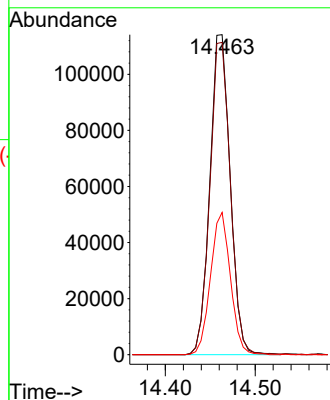
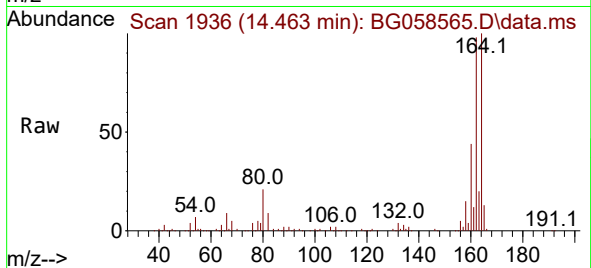
Tgt Ion:164 Resp: 179580

Ion Ratio Lower Upper

164 100

162 97.6 78.3 117.5

160 44.4 34.1 51.1



#42

2,4,6-Tribromophenol

Concen: 59.946 ng

RT: 15.956 min Scan# 2190

Delta R.T. 0.001 min

Lab File: BG058565.D

Acq: 1 Aug 2023 16:42

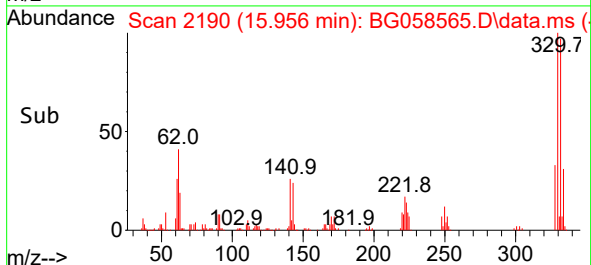
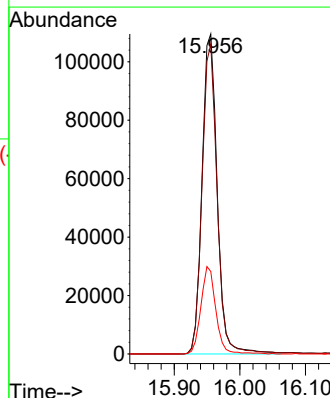
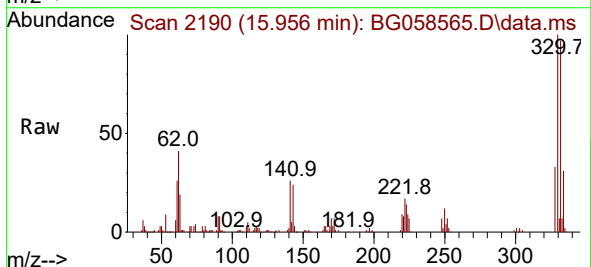
Tgt Ion:330 Resp: 176447

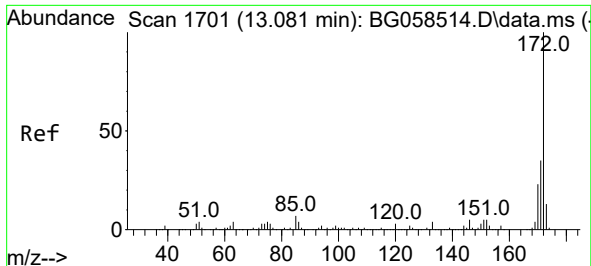
Ion Ratio Lower Upper

330 100

332 96.2 77.5 116.3

141 26.9 20.7 31.1

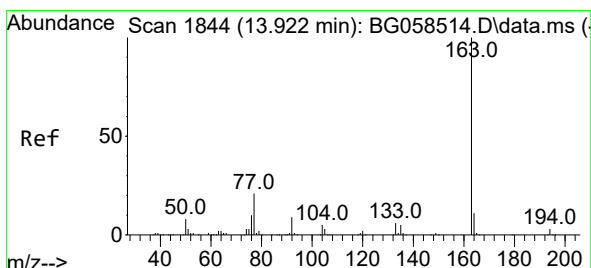
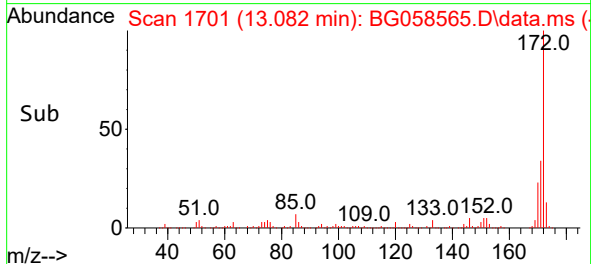
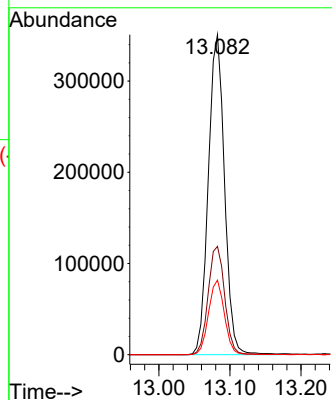
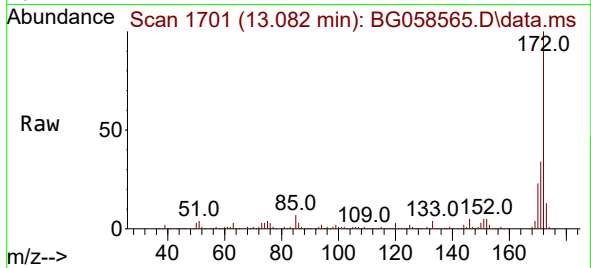




#45
2-Fluorobiphenyl
Concen: 46.391 ng
RT: 13.082 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG058565.D
Acq: 1 Aug 2023 16:42

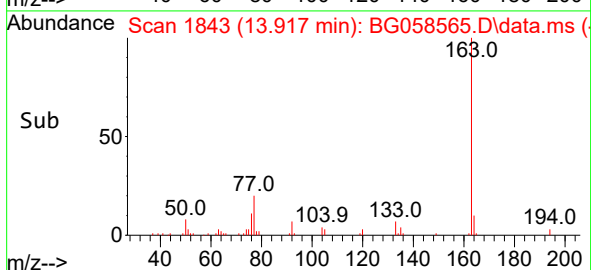
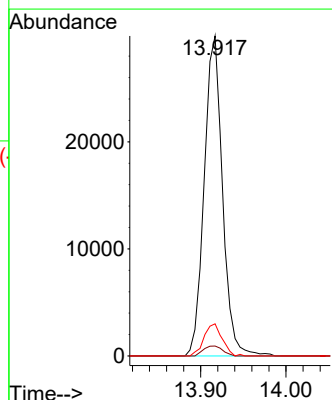
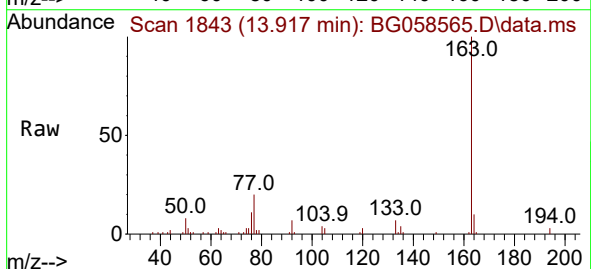
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ClientSampleId :
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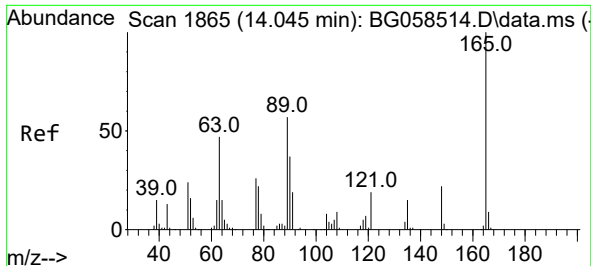
Tgt Ion:172 Resp: 555917
Ion Ratio Lower Upper
172 100
171 33.8 28.0 42.0
170 23.3 18.4 27.6



#50
Dimethylphthalate
Concen: 3.311 ng
RT: 13.917 min Scan# 1843
Delta R.T. -0.005 min
Lab File: BG058565.D
Acq: 1 Aug 2023 16:42

Tgt Ion:163 Resp: 44658
Ion Ratio Lower Upper
163 100
194 3.1 2.7 4.1
164 10.0 8.6 12.8

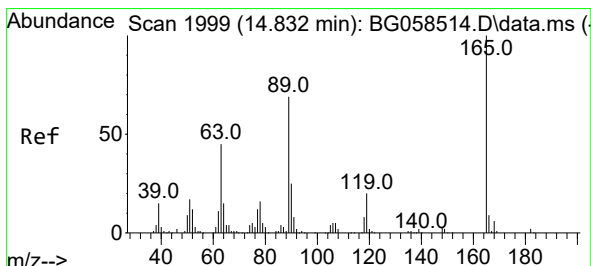
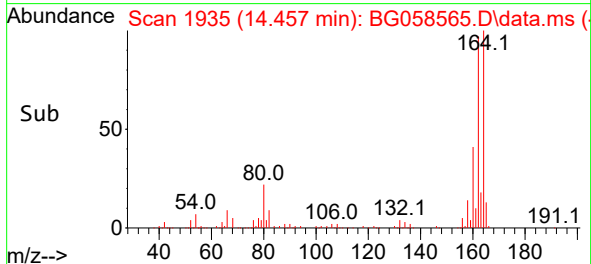
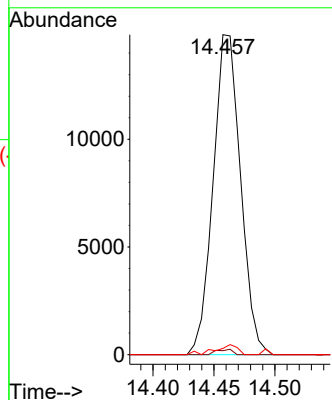
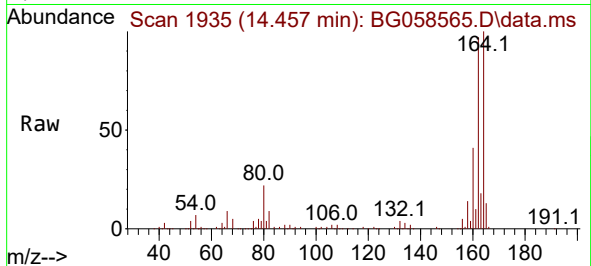




#51
2,6-Dinitrotoluene
Concen: 7.864 ng
RT: 14.457 min Scan# 1935
Delta R.T. 0.412 min
Lab File: BG058565.D
Acq: 1 Aug 2023 16:42

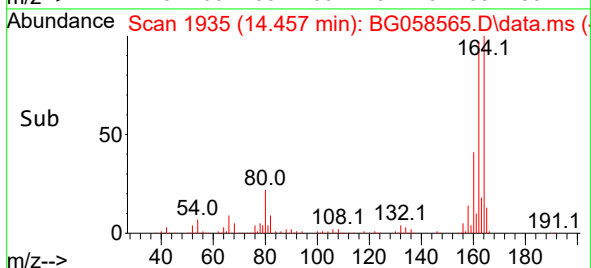
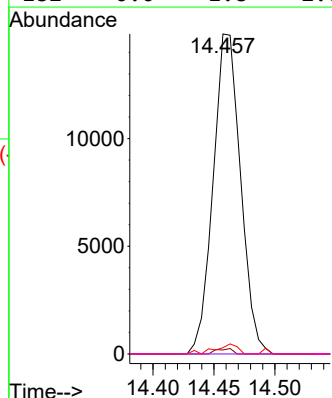
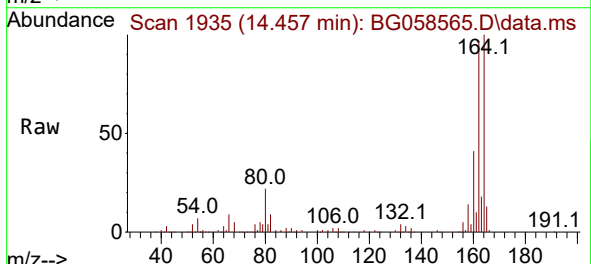
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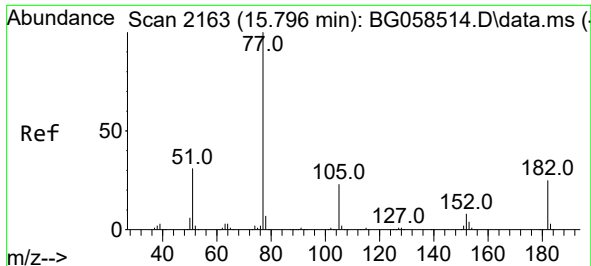
Tgt Ion:165 Resp: 23272
Ion Ratio Lower Upper
165 100
63 1.3 46.4 69.6#
89 1.9 45.3 67.9#



#57
2,4-Dinitrotoluene
Concen: 5.672 ng
RT: 14.457 min Scan# 1935
Delta R.T. -0.375 min
Lab File: BG058565.D
Acq: 1 Aug 2023 16:42

Tgt Ion:165 Resp: 23272
Ion Ratio Lower Upper
165 100
63 1.3 36.6 54.8#
89 1.9 55.4 83.0#
182 0.0 1.8 2.6#

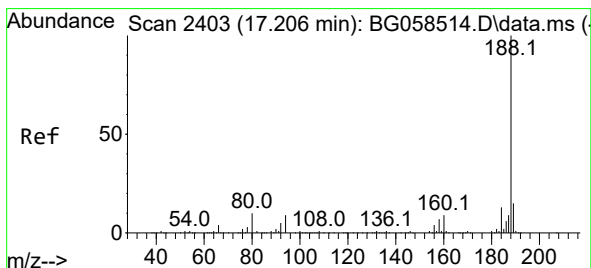
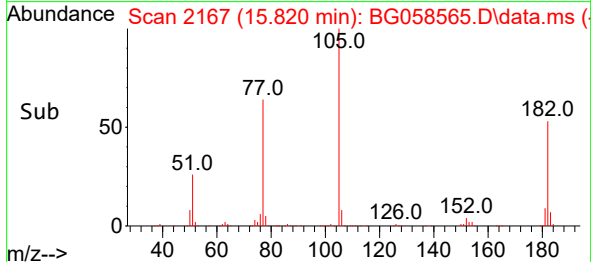
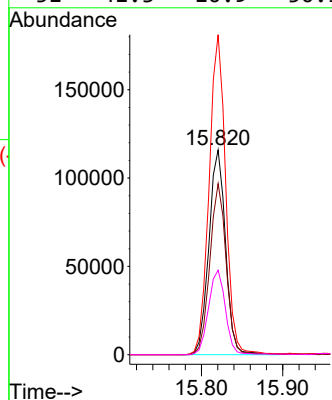
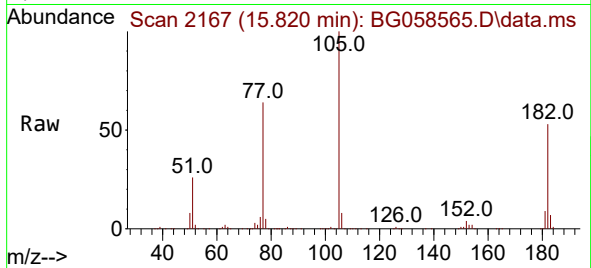




#63
Azobenzene
Concen: 12.217 ng
RT: 15.820 min Scan# 2163
Delta R.T. 0.024 min
Lab File: BG058565.D
Acq: 1 Aug 2023 16:42

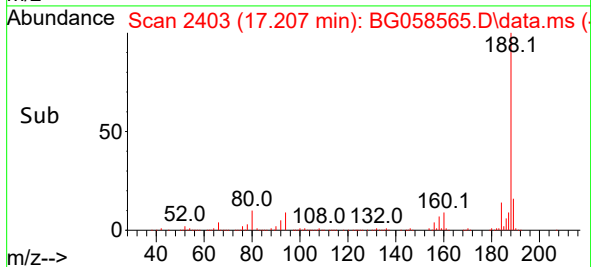
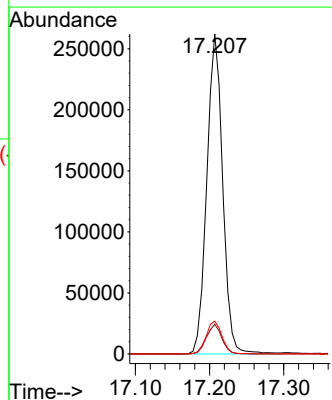
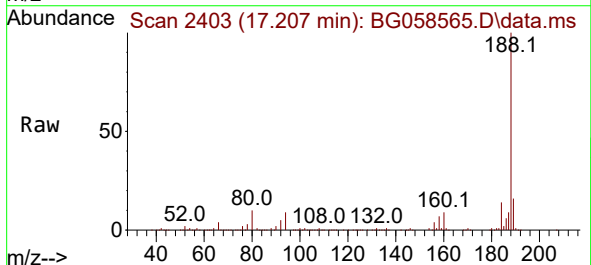
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ClientSampleId :
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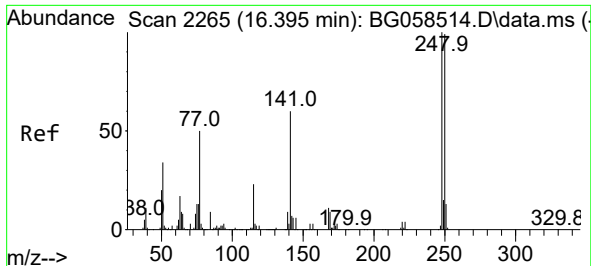
Tgt Ion: 77 Resp: 165331
Ion Ratio Lower Upper
77 100
182 83.5 4.6 44.6#
105 156.2 3.3 43.3#
51 41.3 10.9 50.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.207 min Scan# 2403
Delta R.T. 0.001 min
Lab File: BG058565.D
Acq: 1 Aug 2023 16:42

Tgt Ion:188 Resp: 390564
Ion Ratio Lower Upper
188 100
94 9.3 7.0 10.6
80 10.2 8.1 12.1

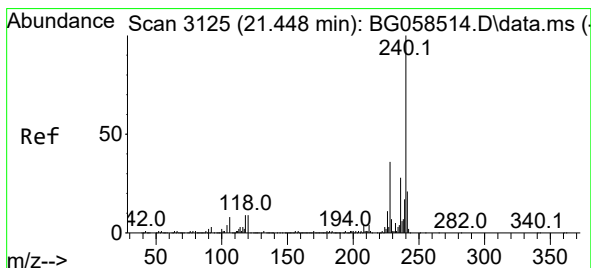
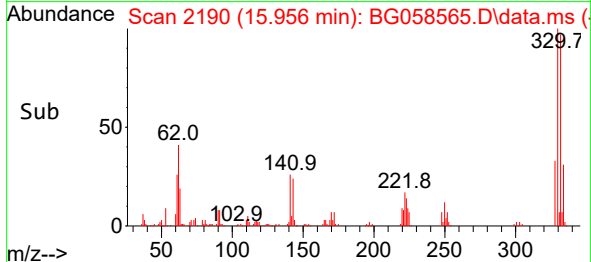
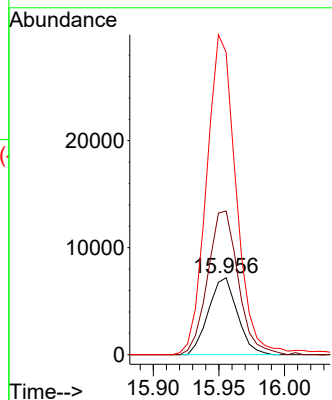
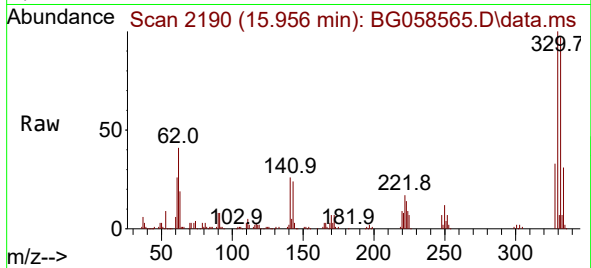




#67
4-Bromophenyl-phenylether
Concen: 2.485 ng
RT: 15.956 min Scan# 2190
Delta R.T. -0.440 min
Lab File: BG058565.D
Acq: 1 Aug 2023 16:42

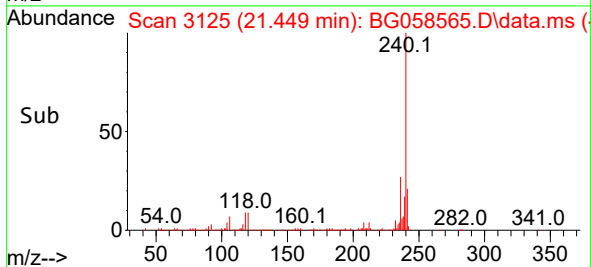
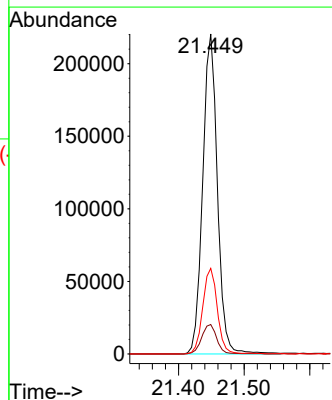
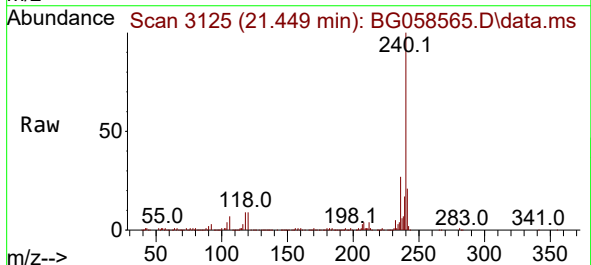
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BNA_G
ClientSampleId :
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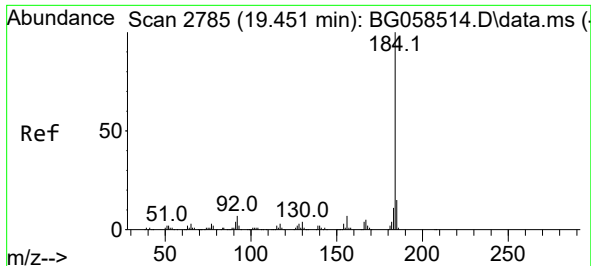
Tgt Ion:248 Resp: 11010
Ion Ratio Lower Upper
248 100
250 148.1 79.5 119.3#
141 311.5 48.2 72.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.449 min Scan# 3125
Delta R.T. 0.001 min
Lab File: BG058565.D
Acq: 1 Aug 2023 16:42

Tgt Ion:240 Resp: 343786
Ion Ratio Lower Upper
240 100
120 9.2 7.4 11.0
236 26.7 22.2 33.4

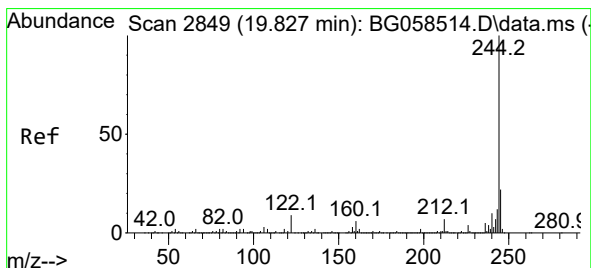
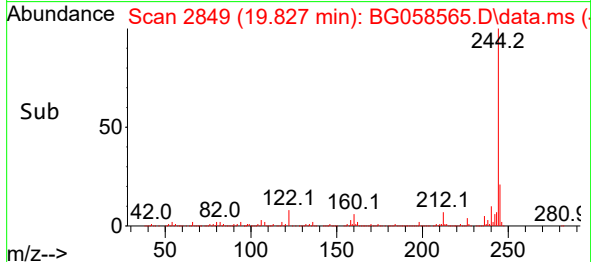
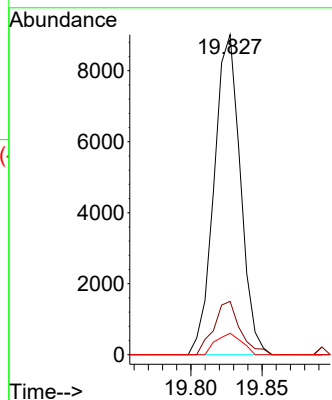
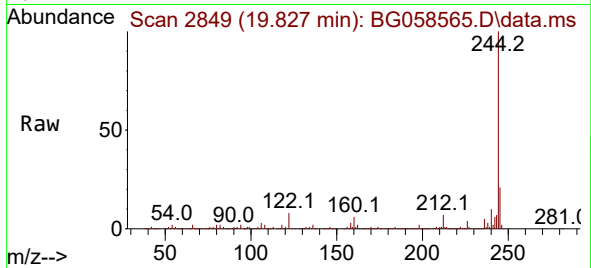




#77
Benzidine
Concen: 2.221 ng
RT: 19.827 min Scan# 2849
Delta R.T. 0.377 min
Lab File: BG058565.D
Acq: 1 Aug 2023 16:42

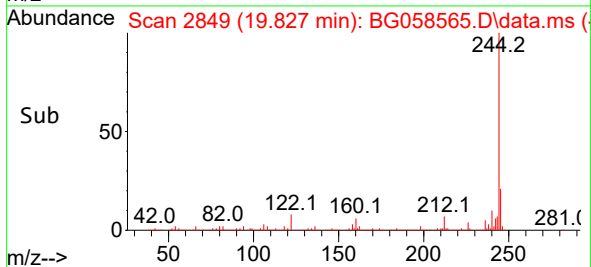
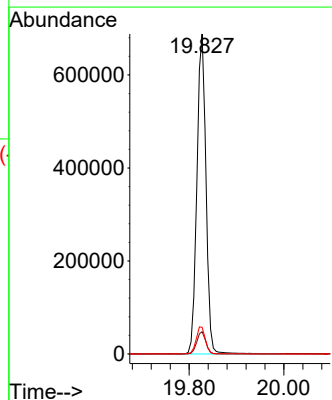
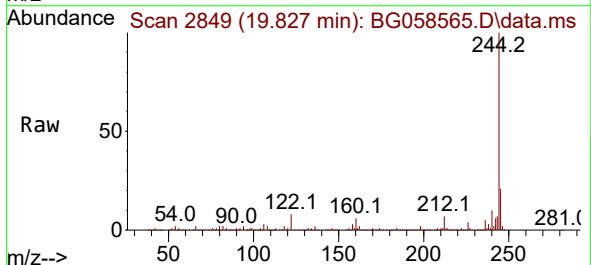
Instrument :
BNA_G
ClientSampleId :
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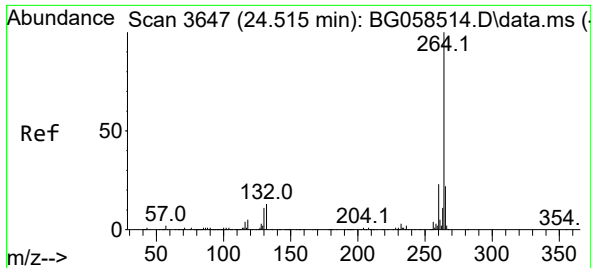
Tgt Ion:184 Resp: 11580
Ion Ratio Lower Upper
184 100
185 16.7 11.9 17.9
183 6.7 8.7 13.1#



#79
Terphenyl-d14
Concen: 50.082 ng
RT: 19.827 min Scan# 2849
Delta R.T. 0.001 min
Lab File: BG058565.D
Acq: 1 Aug 2023 16:42

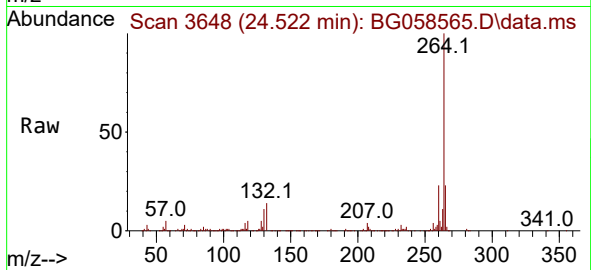
Tgt Ion:244 Resp: 915561
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 8.3 6.8 10.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.522 min Scan# 30
 Delta R.T. 0.007 min
 Lab File: BG058565.D
 Acq: 1 Aug 2023 16:42

Instrument :
 BNA_G
 ClientSampleId :
 FIELD-BLANK



Tgt Ion:264 Resp: 422747
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.4 27.6
 265 22.8 17.9 26.9

