

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083023\
 Data File : BG058901.D
 Acq On : 30 Aug 2023 18:42
 Operator : MA/JU
 Sample : 04196-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-345-COMP-01

Quant Time: Aug 31 01:40:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 01:27:35 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

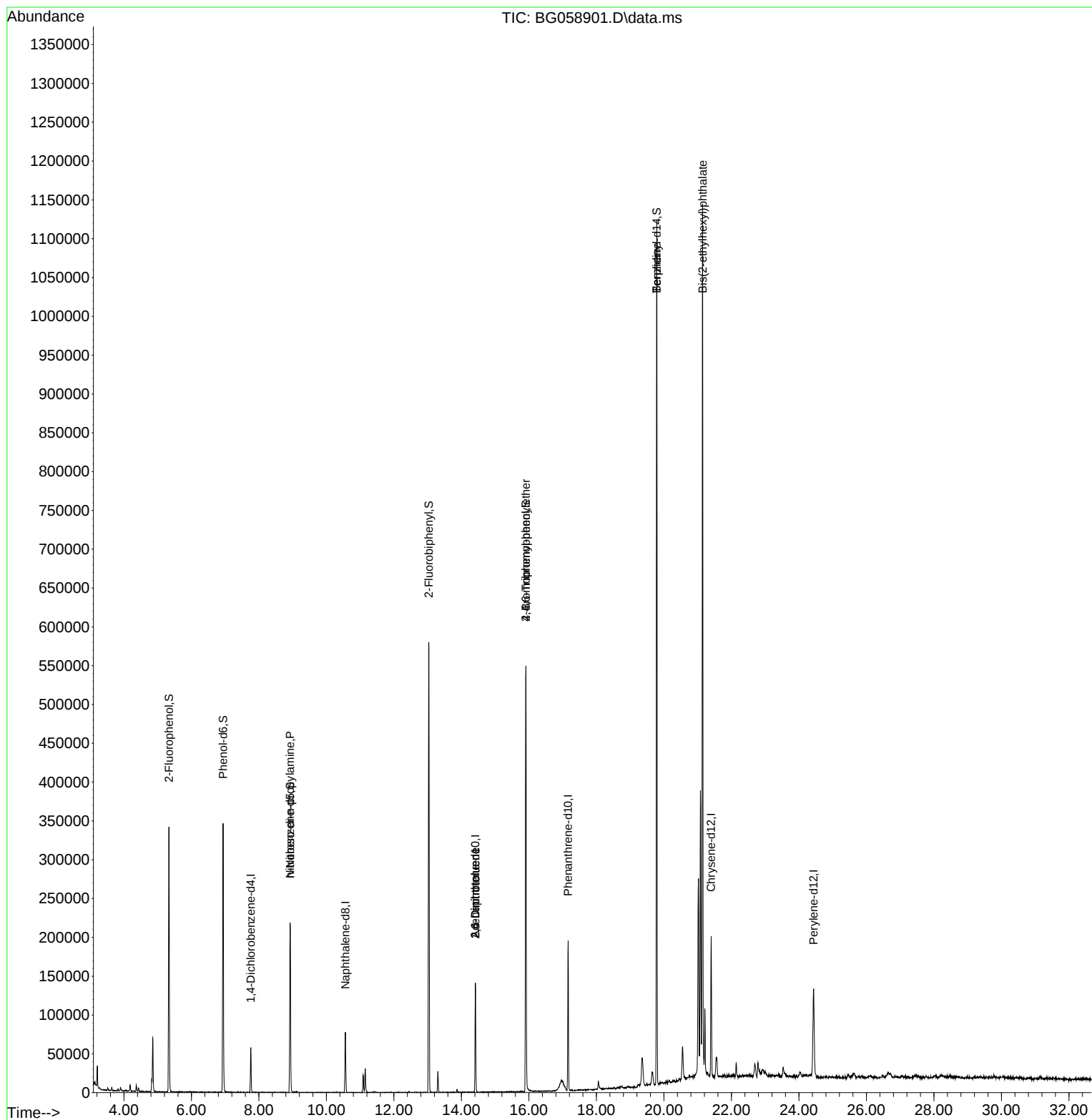
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.761	152	15070	20.000	ng	0.00
21) Naphthalene-d8	10.563	136	64223	20.000	ng	0.00
39) Acenaphthene-d10	14.412	164	52043	20.000	ng	0.00
64) Phenanthrene-d10	17.162	188	123719	20.000	ng	# 0.00
76) Chrysene-d12	21.398	240	99897	20.000	ng	0.00
86) Perylene-d12	24.435	264	122986	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	133698	142.770	ng	0.00
7) Phenol-d6	6.938	99	178354	135.748	ng	0.00
23) Nitrobenzene-d5	8.924	82	126273	94.529	ng	0.00
42) 2,4,6-Tribromophenol	15.910	330	126377	154.869	ng	0.00
45) 2-Fluorobiphenyl	13.031	172	325833	91.061	ng	0.00
79) Terphenyl-d14	19.788	244	572205	102.851	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.924	70	17012	20.031	ng	# 80
51) 2,6-Dinitrotoluene	14.412	165	6814	8.049	ng	# 22
57) 2,4-Dinitrotoluene	14.412	165	6814	5.771	ng	# 19
67) 4-Bromophenyl-phenylether	15.910	248	7772	5.725	ng	# 1
77) Benzidine	19.788	184	8947	4.997	ng	# 88
84) Bis(2-ethylhexyl)phtha...	21.145	149	432757	104.523	ng	# 53

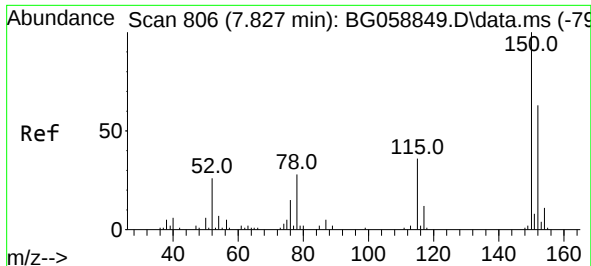
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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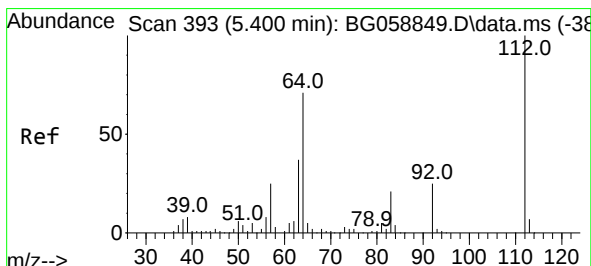
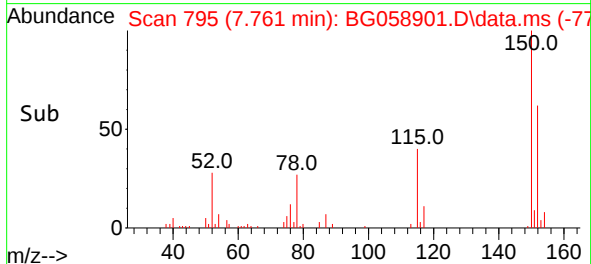
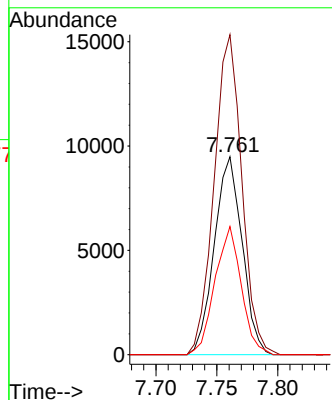
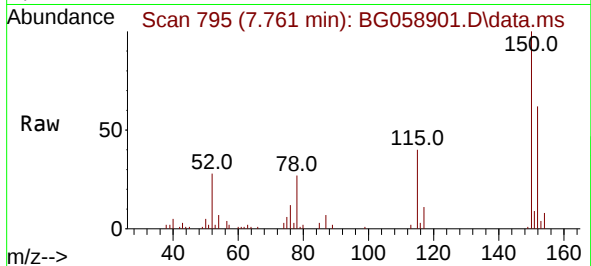




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.761 min Scan# 795
Delta R.T. 0.002 min
Lab File: BG058901.D
Acq: 30 Aug 2023 18:42

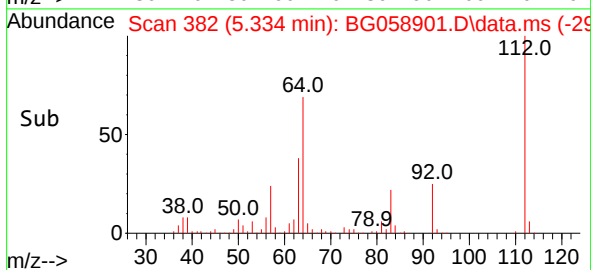
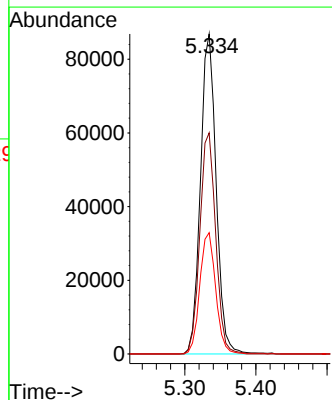
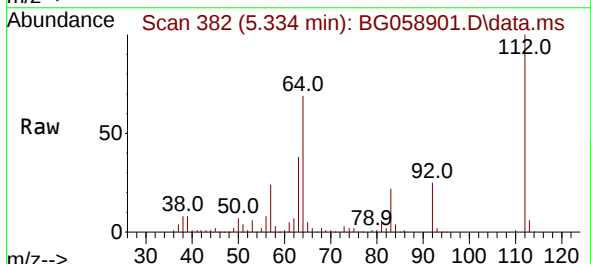
Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-01

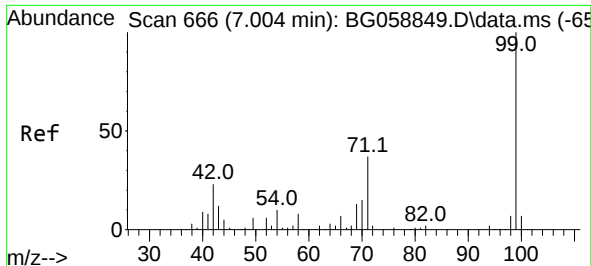
Tgt Ion:152 Resp: 15070
Ion Ratio Lower Upper
152 100
150 161.7 128.6 192.8
115 64.8 50.4 75.6



#5
2-Fluorophenol
Concen: 142.770 ng
RT: 5.334 min Scan# 382
Delta R.T. 0.008 min
Lab File: BG058901.D
Acq: 30 Aug 2023 18:42

Tgt Ion:112 Resp: 133698
Ion Ratio Lower Upper
112 100
64 69.1 60.6 90.8
63 37.9 31.0 46.4

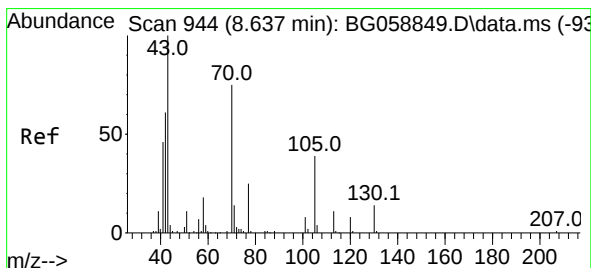
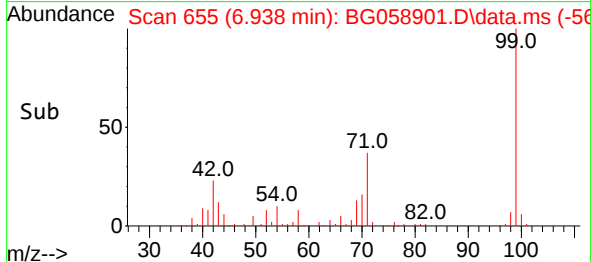
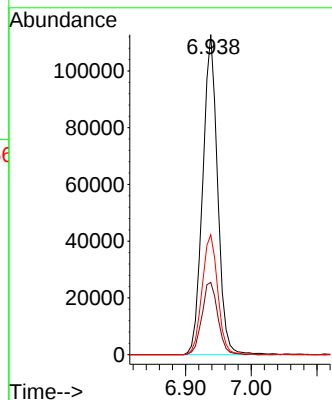
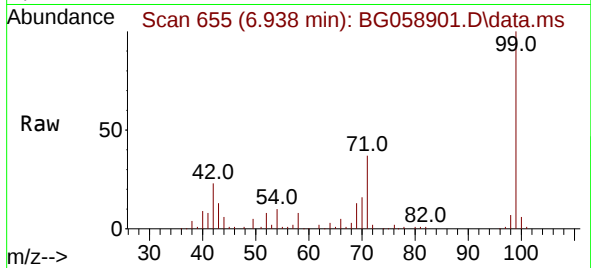




#7
Phenol-d6
Concen: 135.748 ng
RT: 6.938 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG058901.D
Acq: 30 Aug 2023 18:42

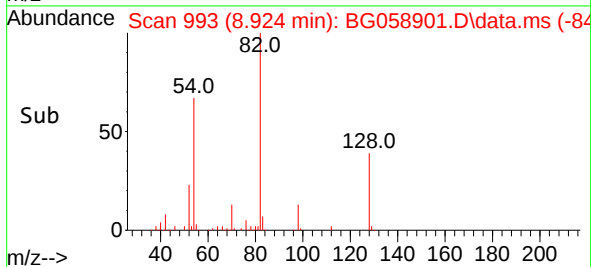
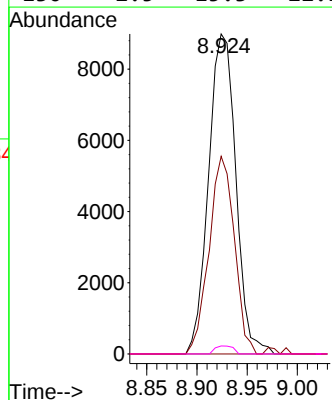
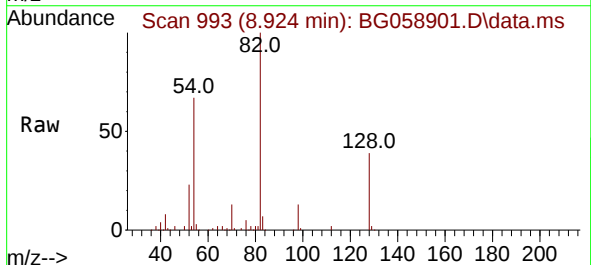
Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-01

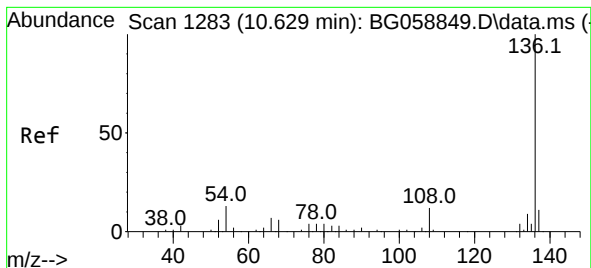
Tgt Ion: 99 Resp: 178354
Ion Ratio Lower Upper
99 100
42 22.6 16.5 24.7
71 37.5 28.4 42.6



#19
n-Nitroso-di-n-propylamine
Concen: 20.031 ng
RT: 8.924 min Scan# 993
Delta R.T. 0.355 min
Lab File: BG058901.D
Acq: 30 Aug 2023 18:42

Tgt Ion: 70 Resp: 17012
Ion Ratio Lower Upper
70 100
42 61.7 59.2 88.8
101 0.0 8.2 12.2#
130 2.5 15.3 22.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.563 min Scan# 11

Delta R.T. 0.002 min

Lab File: BG058901.D

Acq: 30 Aug 2023 18:42

Instrument :

BNA_G

ClientSampleId :

OR-345-COMP-01

Tgt Ion:136 Resp: 64223

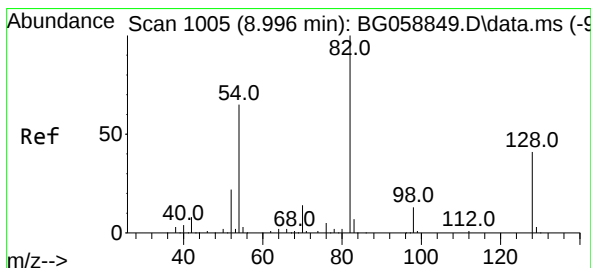
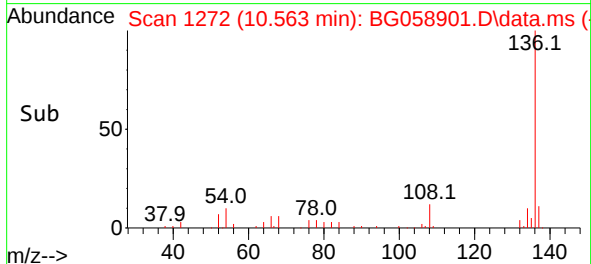
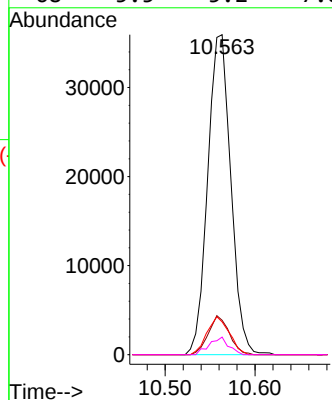
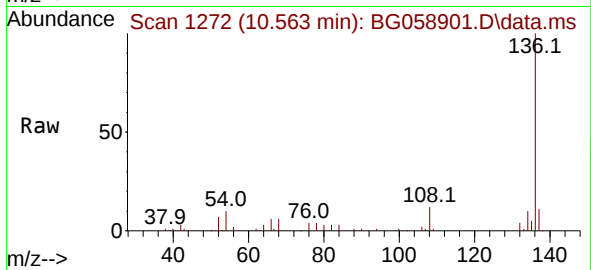
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 10.3 10.1 15.1

68 5.5 5.2 7.8



#23

Nitrobenzene-d5

Concen: 94.529 ng

RT: 8.924 min Scan# 993

Delta R.T. -0.004 min

Lab File: BG058901.D

Acq: 30 Aug 2023 18:42

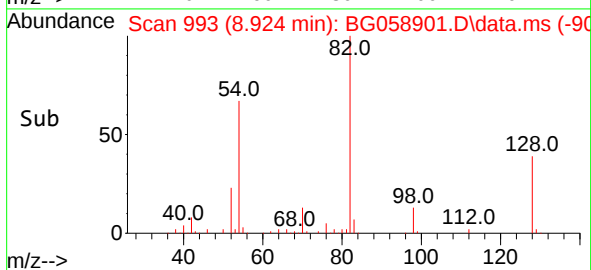
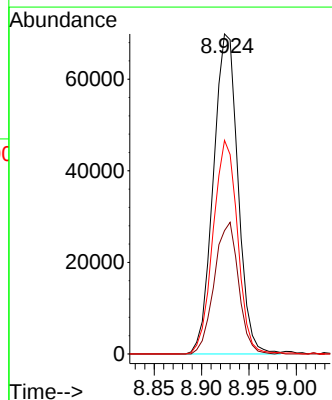
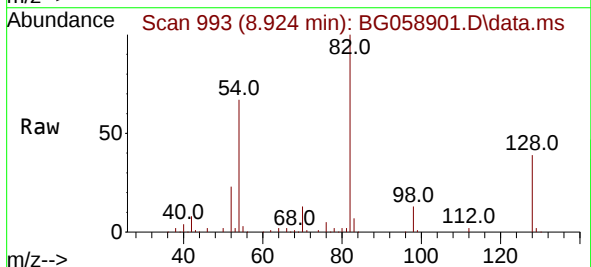
Tgt Ion: 82 Resp: 126273

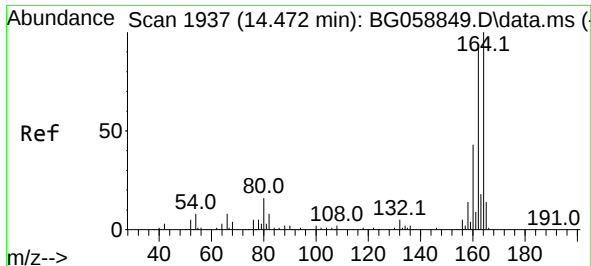
Ion Ratio Lower Upper

82 100

128 38.5 33.2 49.8

54 66.7 51.2 76.8

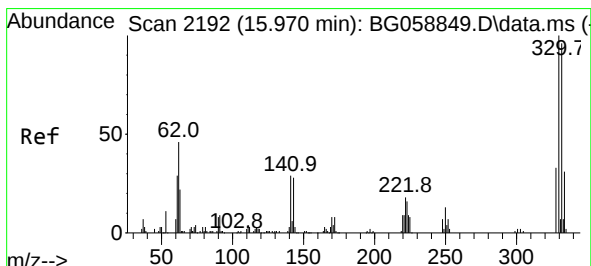
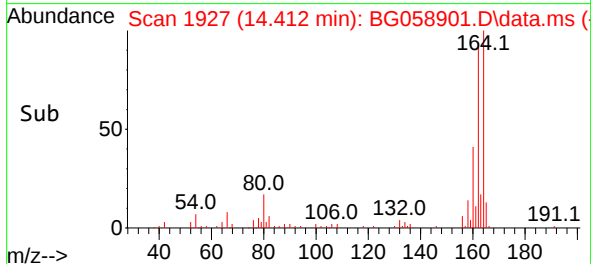
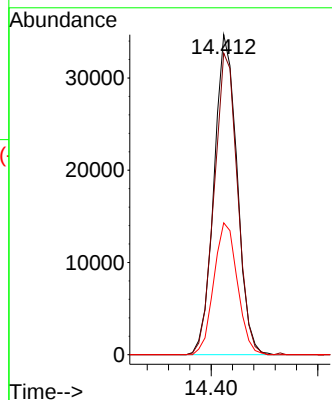
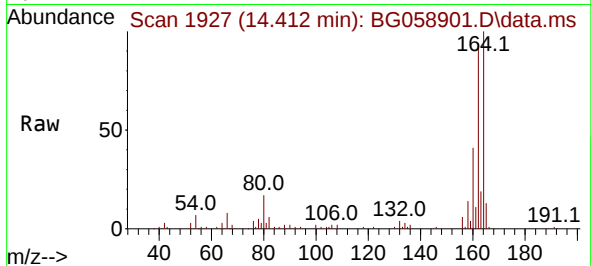




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.412 min Scan# 1937
Delta R.T. -0.004 min
Lab File: BG058901.D
Acq: 30 Aug 2023 18:42

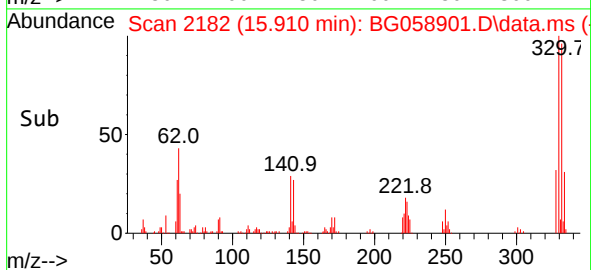
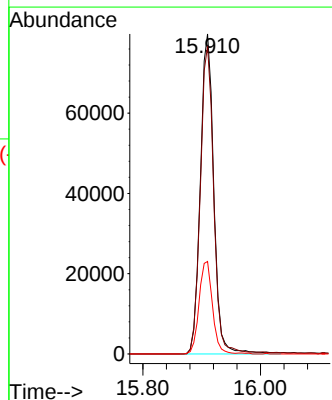
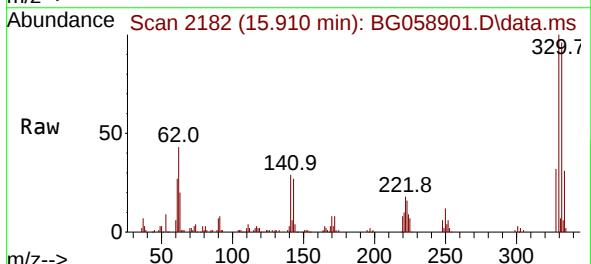
Instrument :
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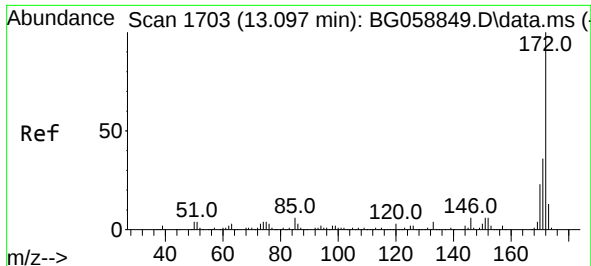
Tgt Ion:164 Resp: 52043
Ion Ratio Lower Upper
164 100
162 94.3 79.6 119.4
160 41.2 34.0 51.0



#42
2,4,6-Tribromophenol
Concen: 154.869 ng
RT: 15.910 min Scan# 2182
Delta R.T. -0.004 min
Lab File: BG058901.D
Acq: 30 Aug 2023 18:42

Tgt Ion:330 Resp: 126377
Ion Ratio Lower Upper
330 100
332 96.1 78.5 117.7
141 28.8 23.0 34.6

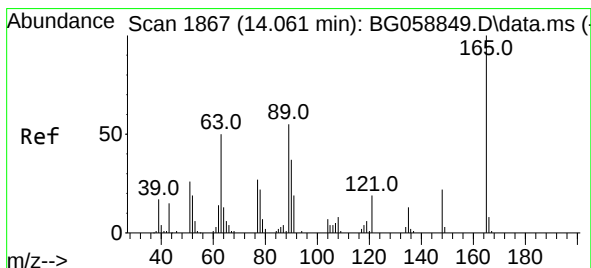
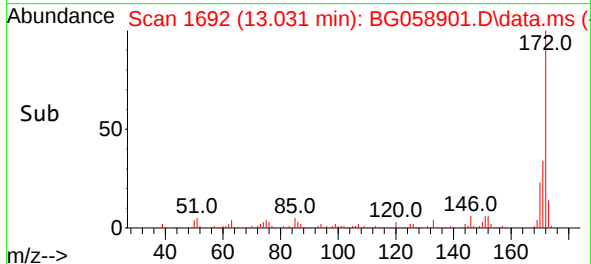
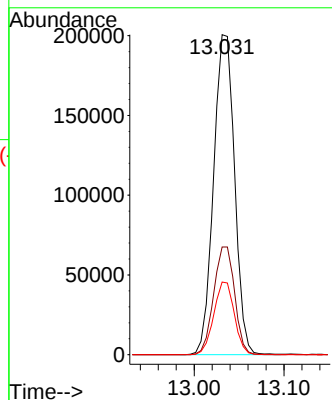
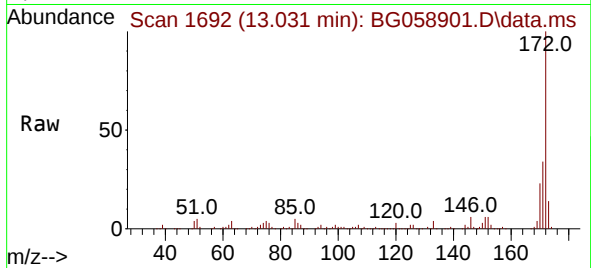




#45
2-Fluorobiphenyl
Concen: 91.061 ng
RT: 13.031 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG058901.D
Acq: 30 Aug 2023 18:42

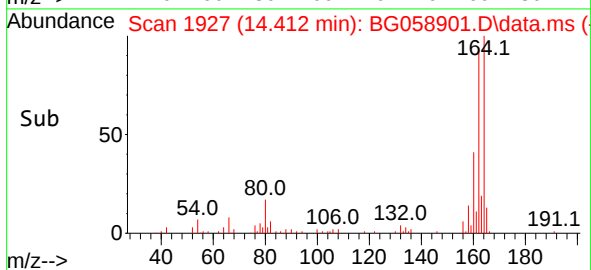
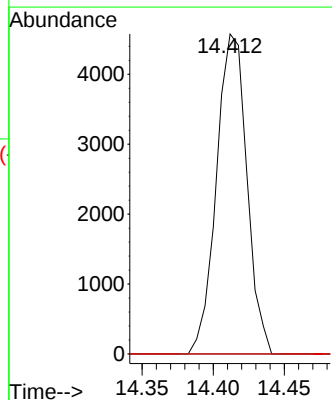
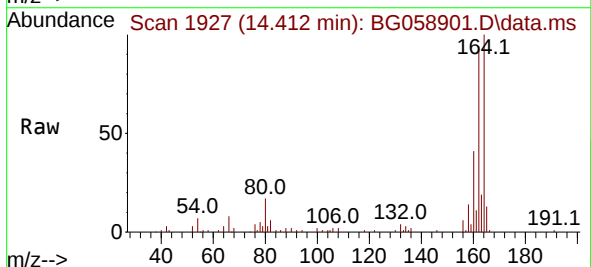
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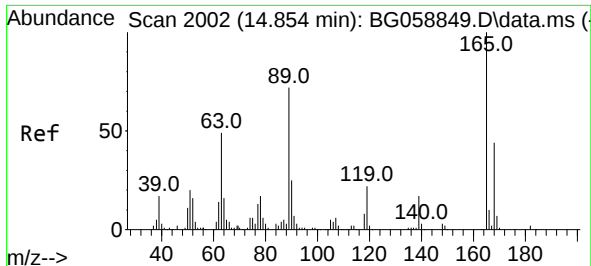
Tgt Ion:172 Resp: 325833
Ion Ratio Lower Upper
172 100
171 33.7 28.1 42.1
170 22.7 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.049 ng
RT: 14.412 min Scan# 1927
Delta R.T. 0.407 min
Lab File: BG058901.D
Acq: 30 Aug 2023 18:42

Tgt Ion:165 Resp: 6814
Ion Ratio Lower Upper
165 100
63 0.0 47.2 70.8#
89 0.0 45.0 67.4#

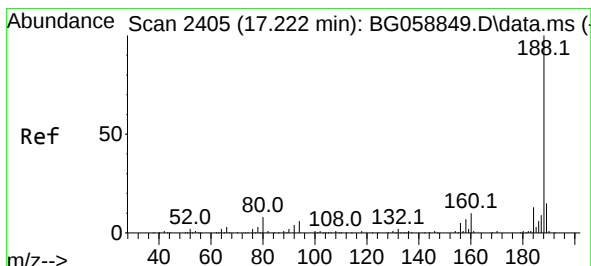
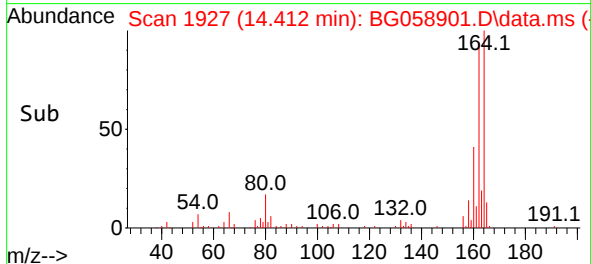
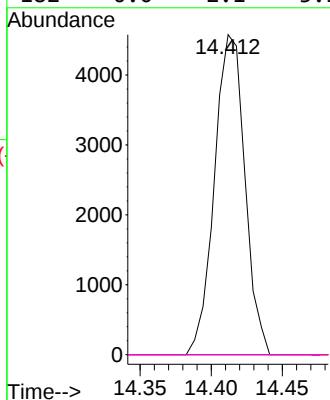
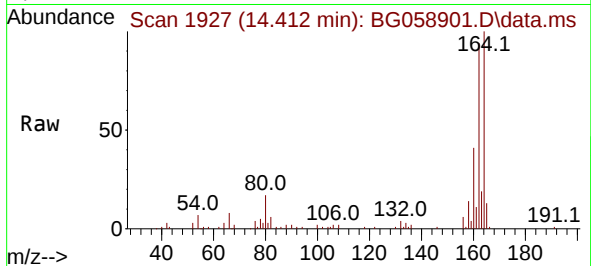




#57
2,4-Dinitrotoluene
Concen: 5.771 ng
RT: 14.412 min Scan# 1927
Delta R.T. -0.386 min
Lab File: BG058901.D
Acq: 30 Aug 2023 18:42

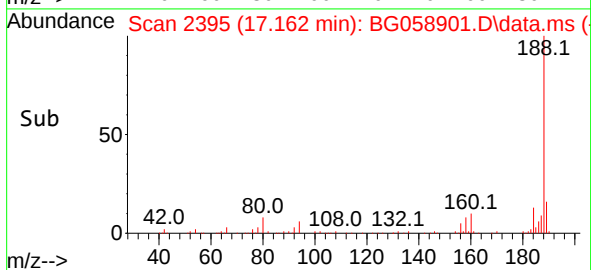
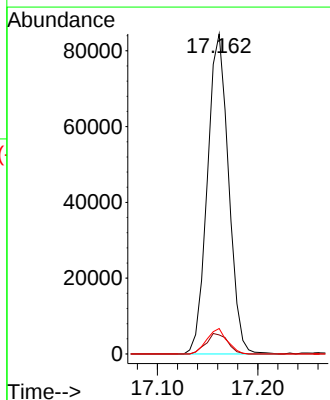
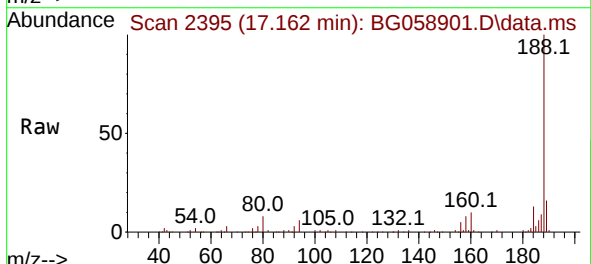
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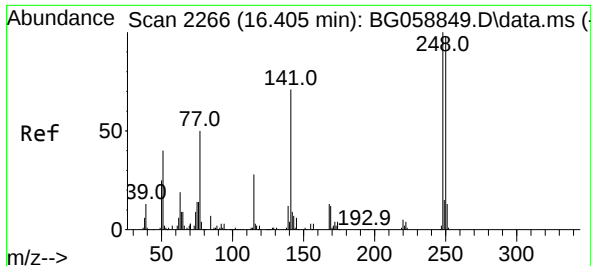
Tgt Ion:165 Resp: 6814
Ion Ratio Lower Upper
165 100
63 0.0 41.8 62.6#
89 0.0 60.7 91.1#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.162 min Scan# 2395
Delta R.T. -0.004 min
Lab File: BG058901.D
Acq: 30 Aug 2023 18:42

Tgt Ion:188 Resp: 123719
Ion Ratio Lower Upper
188 100
94 6.0 6.1 9.1#
80 7.9 6.9 10.3

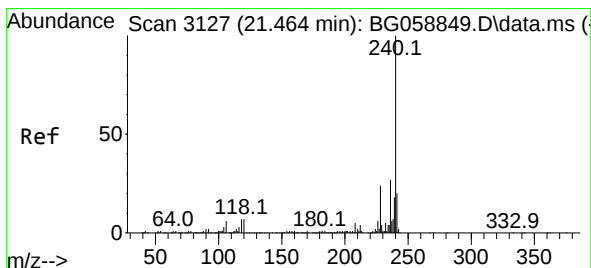
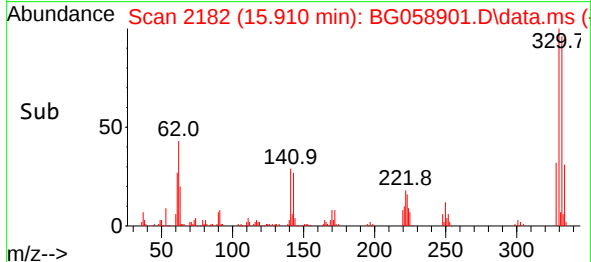
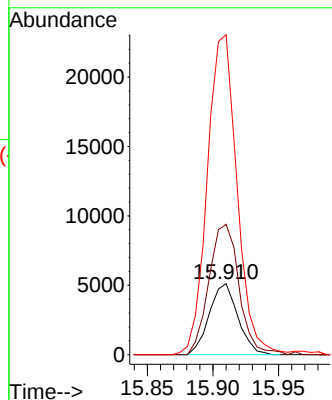
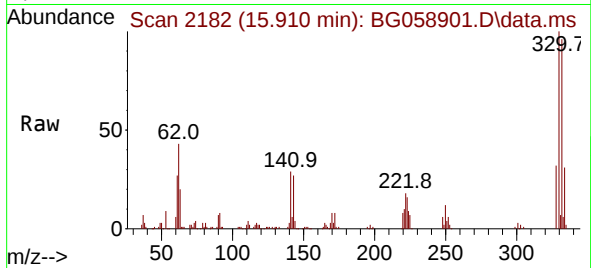




#67
4-Bromophenyl-phenylether
Concen: 5.725 ng
RT: 15.910 min Scan# 2116
Delta R.T. -0.445 min
Lab File: BG058901.D
Acq: 30 Aug 2023 18:42

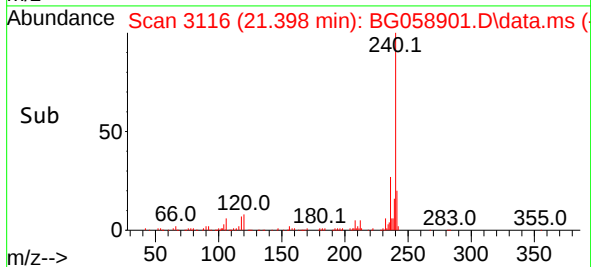
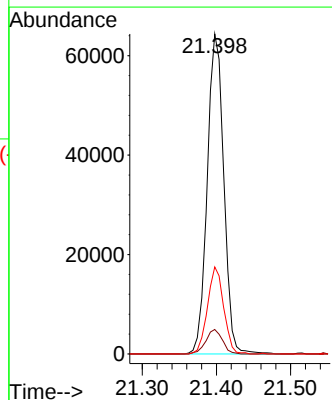
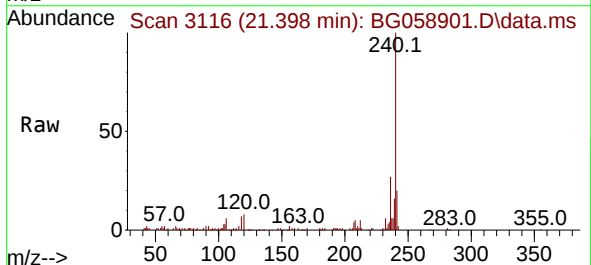
Instrument :
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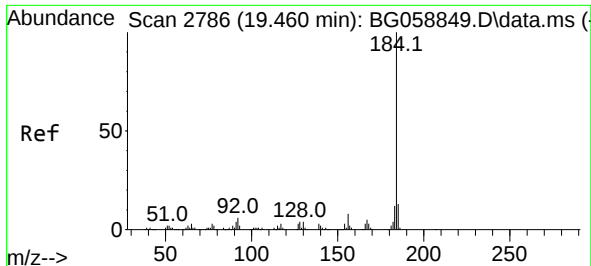
Tgt Ion:248 Resp: 7772
Ion Ratio Lower Upper
248 100
250 183.6 77.7 116.5#
141 450.4 53.6 80.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.398 min Scan# 3116
Delta R.T. -0.010 min
Lab File: BG058901.D
Acq: 30 Aug 2023 18:42

Tgt Ion:240 Resp: 99897
Ion Ratio Lower Upper
240 100
120 7.6 6.2 9.2
236 27.2 20.5 30.7

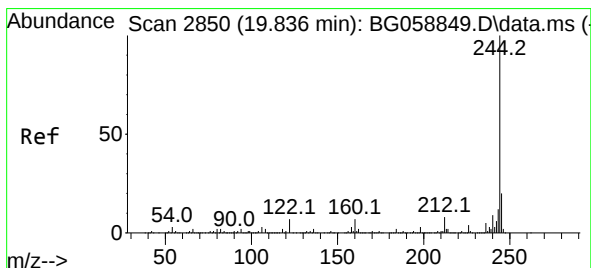
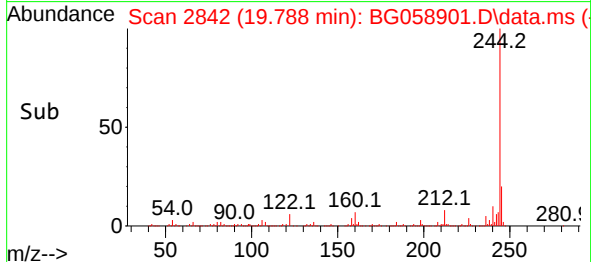
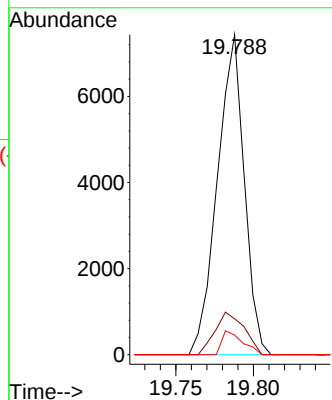
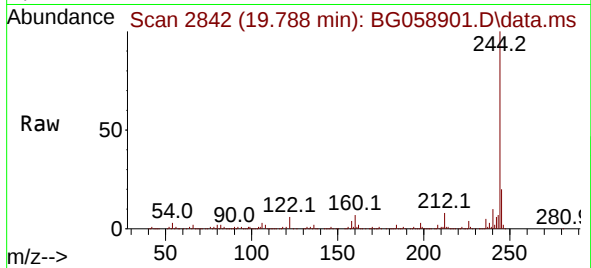




#77
Benzidine
Concen: 4.997 ng
RT: 19.788 min Scan# 21
Delta R.T. 0.378 min
Lab File: BG058901.D
Acq: 30 Aug 2023 18:42

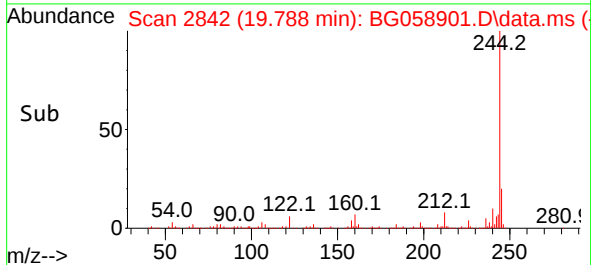
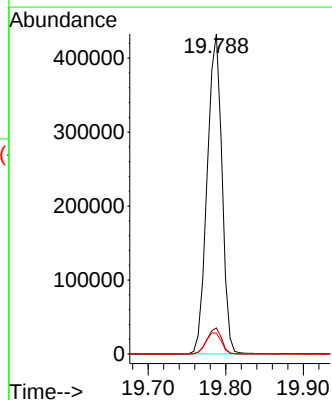
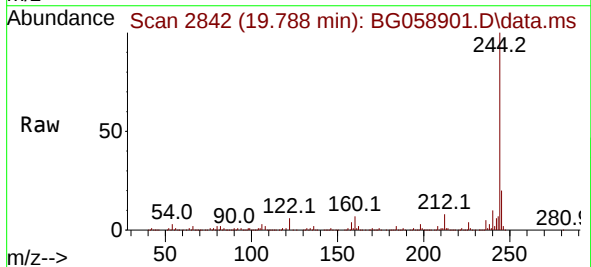
Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-01

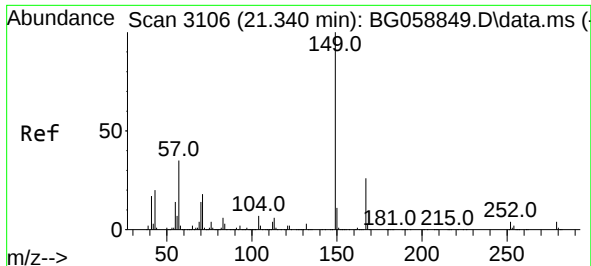
Tgt Ion:184 Resp: 8947
Ion Ratio Lower Upper
184 100
185 11.2 11.9 17.9#
183 6.1 10.0 15.0#



#79
Terphenyl-d14
Concen: 102.851 ng
RT: 19.788 min Scan# 2842
Delta R.T. -0.004 min
Lab File: BG058901.D
Acq: 30 Aug 2023 18:42

Tgt Ion:244 Resp: 572205
Ion Ratio Lower Upper
244 100
212 8.2 6.2 9.2
122 6.4 6.3 9.5

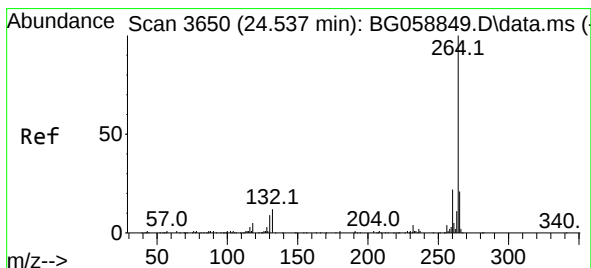
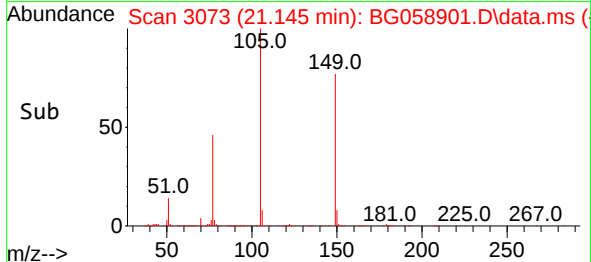
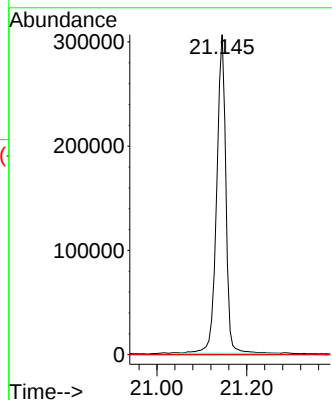
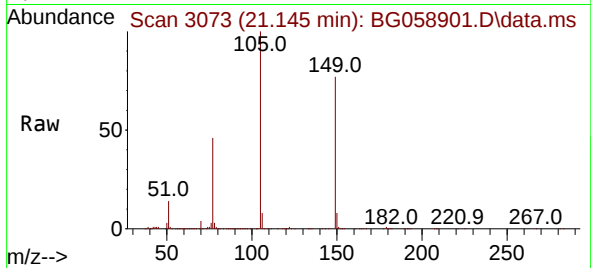




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 104.523 ng
 RT: 21.145 min Scan# 30
 Delta R.T. -0.145 min
 Lab File: BG058901.D
 Acq: 30 Aug 2023 18:42

Instrument :
 BNA_G
 ClientSampleId :
 OR-345-COMP-01

Tgt Ion:149 Resp: 432757
 Ion Ratio Lower Upper
 149 100
 167 0.1 21.7 32.5#
 279 0.0 3.2 4.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.435 min Scan# 3633
 Delta R.T. -0.004 min
 Lab File: BG058901.D
 Acq: 30 Aug 2023 18:42

Tgt Ion:264 Resp: 122986
 Ion Ratio Lower Upper
 264 100
 260 20.6 18.2 27.2
 265 20.9 16.4 24.6

