

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083023\
 Data File : BG058905.D
 Acq On : 30 Aug 2023 21:28
 Operator : MA/JU
 Sample : 04196-30
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-345-COMP-05

Quant Time: Aug 31 01:41:33 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)

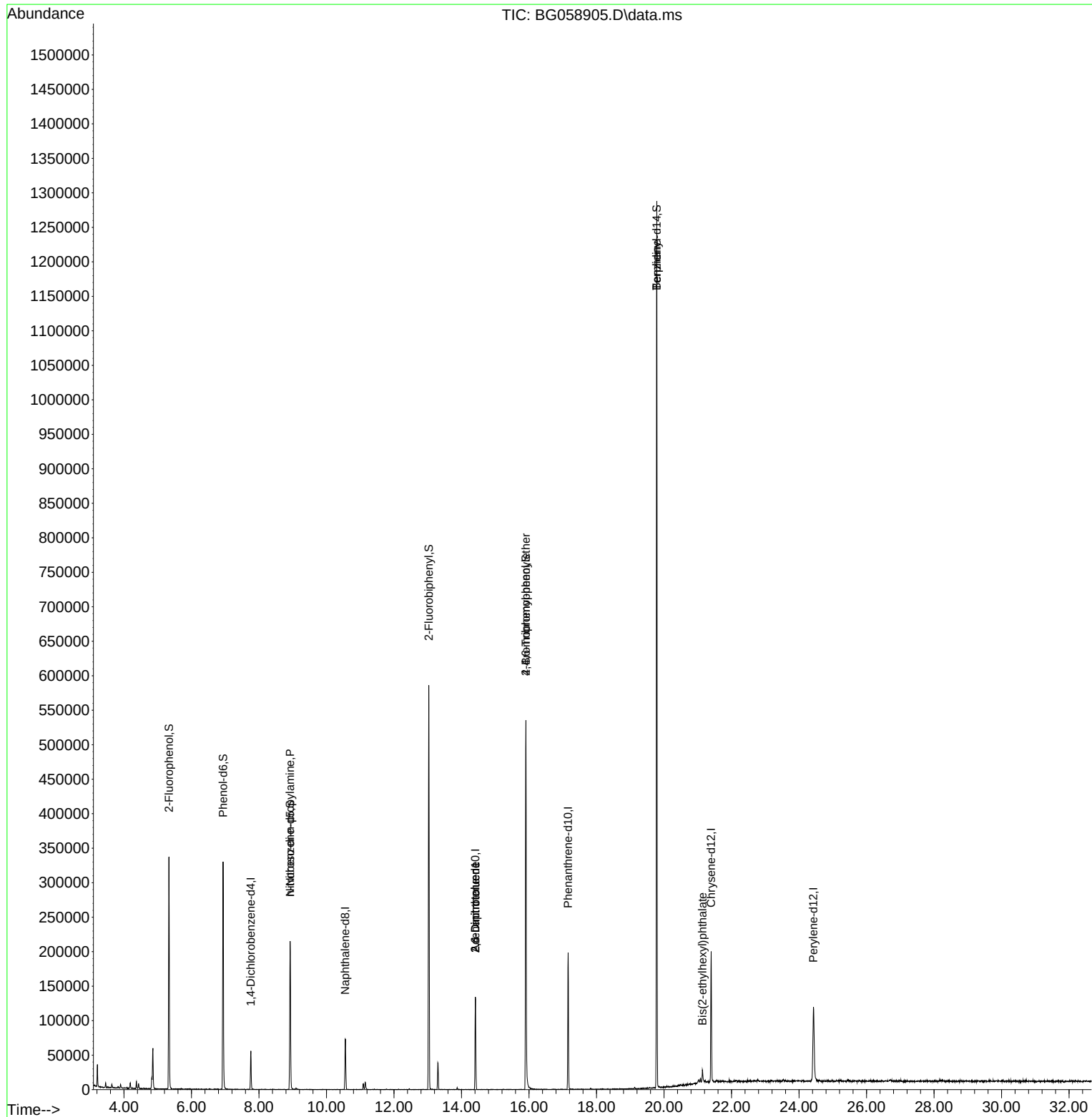
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.758	152	14475	20.000	ng	0.00
21) Naphthalene-d8	10.555	136	63360	20.000	ng	0.00
39) Acenaphthene-d10	14.409	164	51269	20.000	ng	0.00
64) Phenanthrene-d10	17.159	188	131033	20.000	ng	# 0.00
76) Chrysene-d12	21.395	240	108695	20.000	ng	-0.01
86) Perylene-d12	24.427	264	131247	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.332	112	127567	141.823	ng	0.00
7) Phenol-d6	6.936	99	173705	137.644	ng	0.00
23) Nitrobenzene-d5	8.922	82	121099	91.890	ng	0.00
42) 2,4,6-Tribromophenol	15.908	330	124110	154.387	ng	0.00
45) 2-Fluorobiphenyl	13.029	172	316997	89.929	ng	0.00
79) Terphenyl-d14	19.785	244	650842	107.516	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.922	70	16191	19.848	ng	# 73
51) 2,6-Dinitrotoluene	14.409	165	6826	8.185	ng	# 22
57) 2,4-Dinitrotoluene	14.409	165	6826	5.868	ng	# 19
67) 4-Bromophenyl-phenylether	15.908	248	7679	5.340	ng	# 1
77) Benzidine	19.785	184	9832	5.047	ng	# 91
84) Bis(2-ethylhexyl)phtha...	21.137	149	9597	2.130	ng	# 53

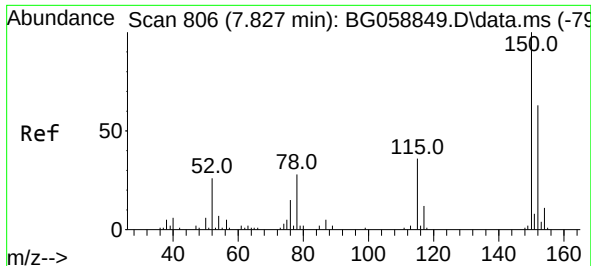
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 31 01:41:33 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

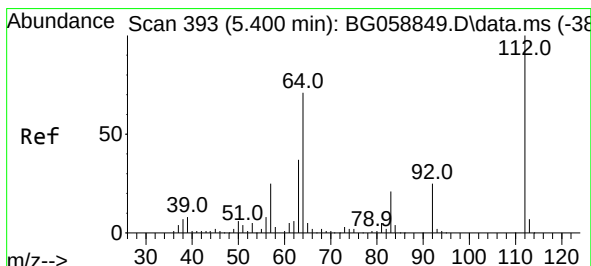
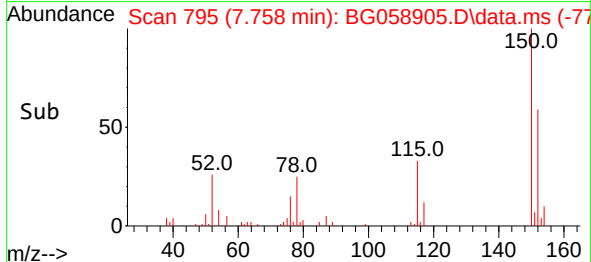
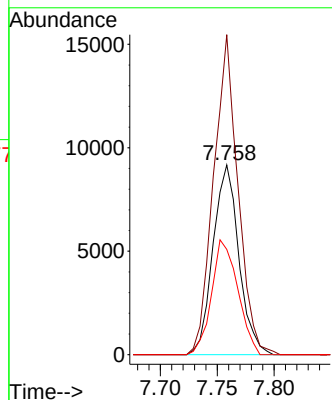
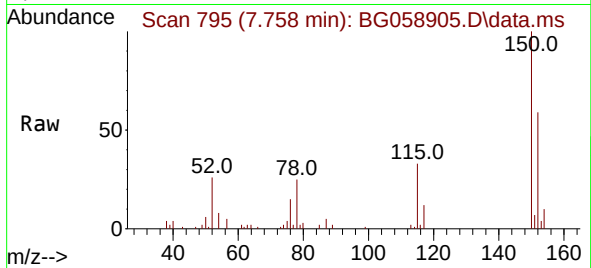




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.758 min Scan# 71
 Delta R.T. -0.001 min
 Lab File: BG058905.D
 Acq: 30 Aug 2023 21:28

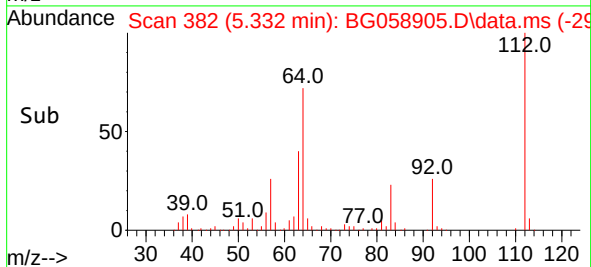
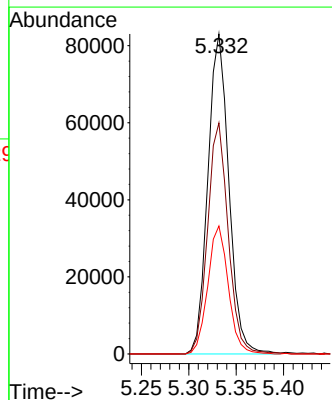
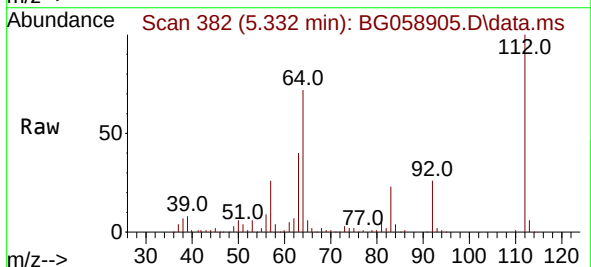
Instrument :
 BNA_G
 ClientSampleId :
 OR-345-COMP-05

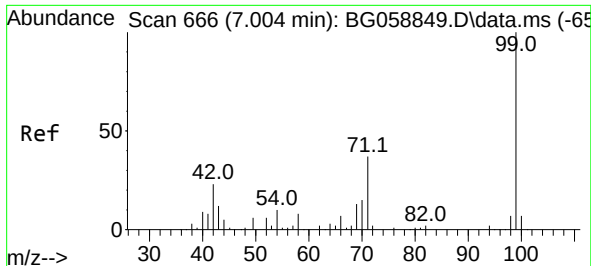
Tgt Ion:152 Resp: 14475
 Ion Ratio Lower Upper
 152 100
 150 168.6 128.6 192.8
 115 55.5 50.4 75.6



#5
 2-Fluorophenol
 Concen: 141.823 ng
 RT: 5.332 min Scan# 382
 Delta R.T. 0.005 min
 Lab File: BG058905.D
 Acq: 30 Aug 2023 21:28

Tgt Ion:112 Resp: 127567
 Ion Ratio Lower Upper
 112 100
 64 72.2 60.6 90.8
 63 40.0 31.0 46.4

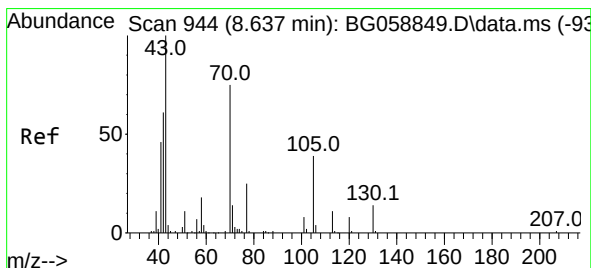
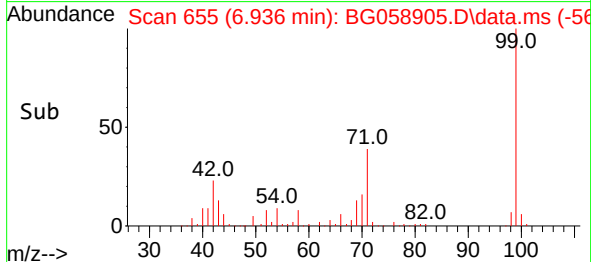
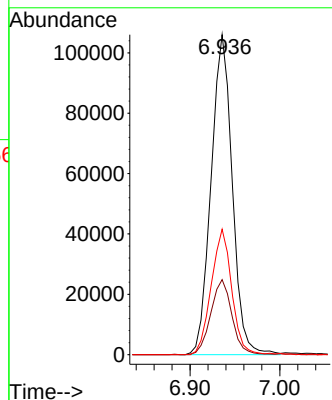
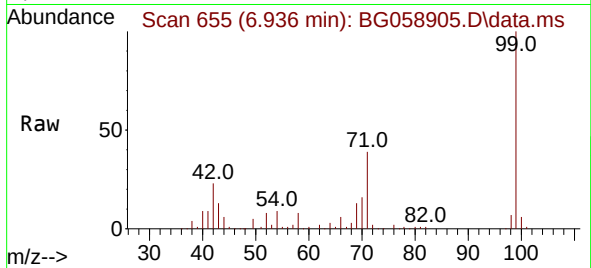




#7
Phenol-d6
Concen: 137.644 ng
RT: 6.936 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG058905.D
Acq: 30 Aug 2023 21:28

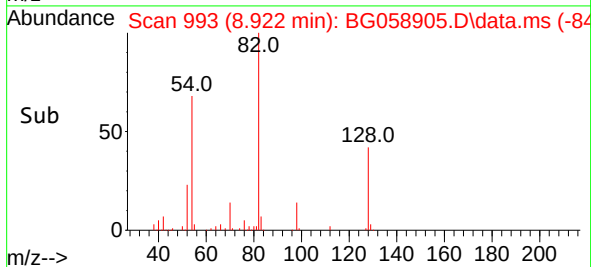
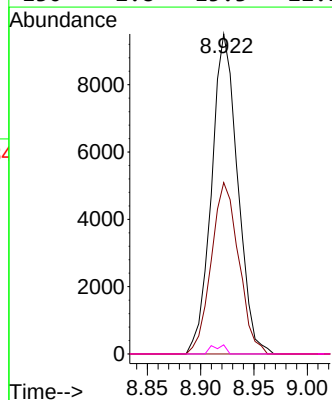
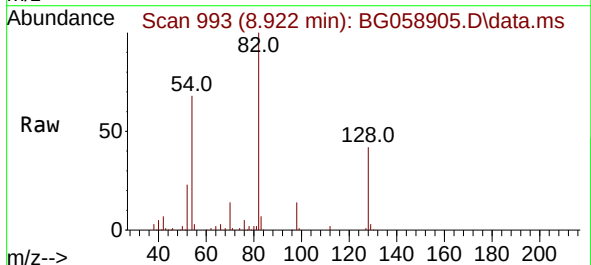
Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-05

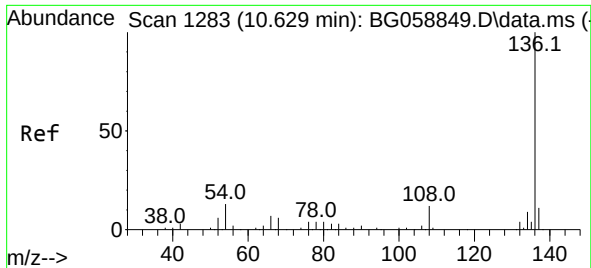
Tgt Ion: 99 Resp: 173705
Ion Ratio Lower Upper
99 100
42 23.5 16.5 24.7
71 39.2 28.4 42.6



#19
n-Nitroso-di-n-propylamine
Concen: 19.848 ng
RT: 8.922 min Scan# 993
Delta R.T. 0.352 min
Lab File: BG058905.D
Acq: 30 Aug 2023 21:28

Tgt Ion: 70 Resp: 16191
Ion Ratio Lower Upper
70 100
42 53.5 59.2 88.8#
101 0.0 8.2 12.2#
130 2.8 15.3 22.9#

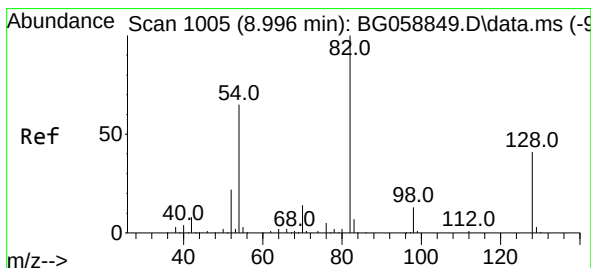
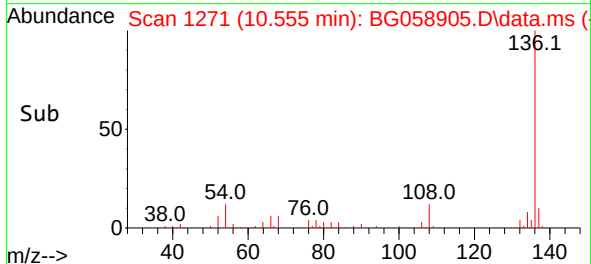
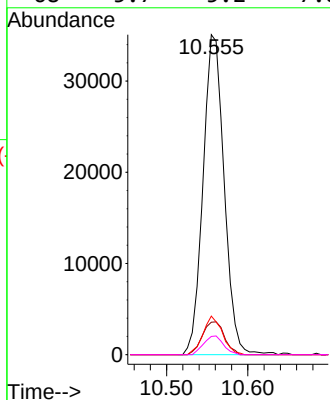
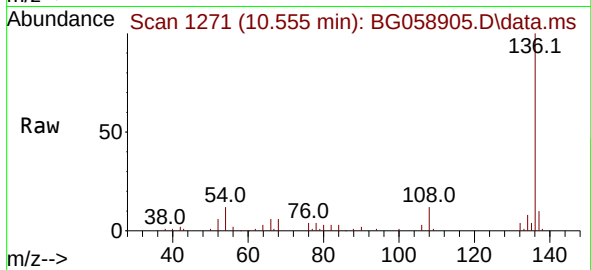




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.555 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG058905.D
Acq: 30 Aug 2023 21:28

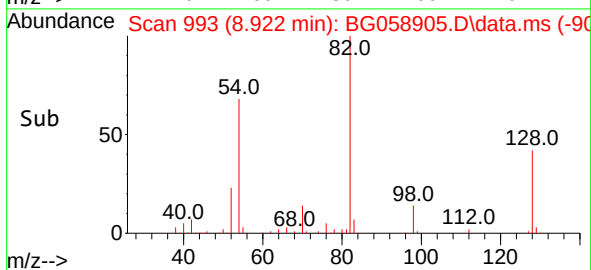
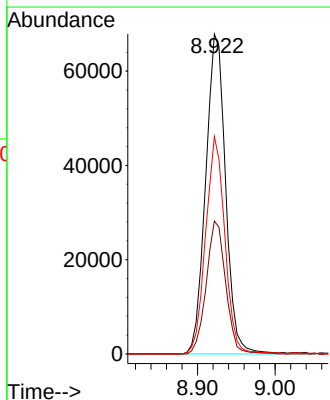
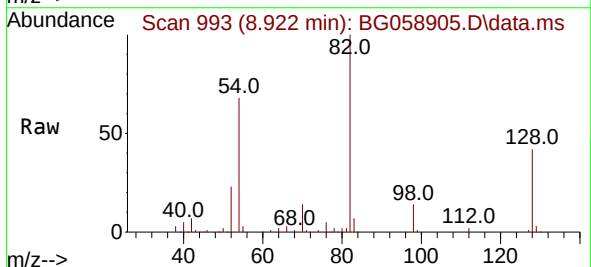
Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-05

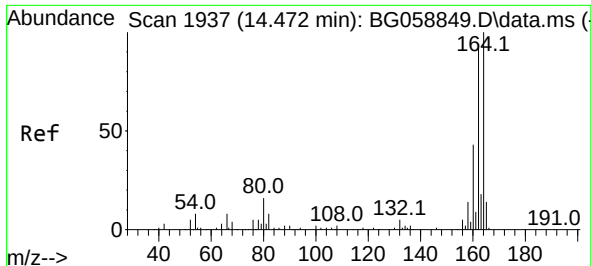
Tgt Ion:136	Resp:	63360
Ion Ratio	Lower	Upper
136	100	
137	10.1	8.7 13.1
54	12.1	10.1 15.1
68	5.7	5.2 7.8



#23
Nitrobenzene-d5
Concen: 91.890 ng
RT: 8.922 min Scan# 993
Delta R.T. -0.006 min
Lab File: BG058905.D
Acq: 30 Aug 2023 21:28

Tgt Ion: 82	Resp:	121099
Ion Ratio	Lower	Upper
82	100	
128	41.5	33.2 49.8
54	67.9	51.2 76.8

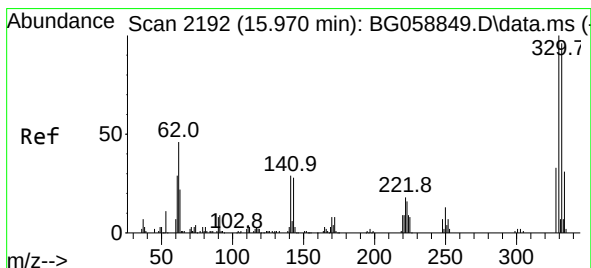
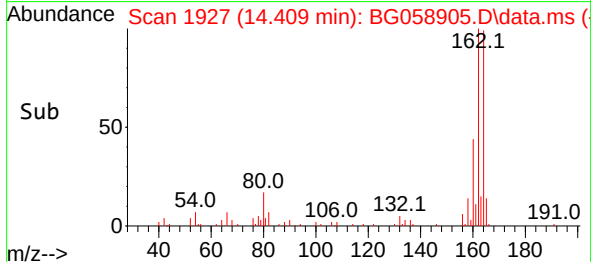
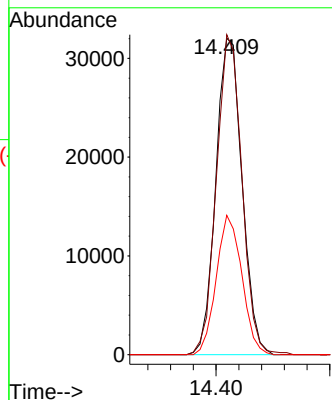
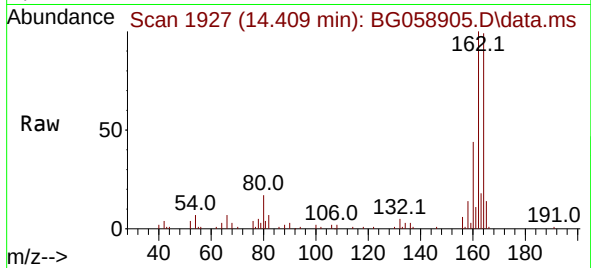




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.409 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BG058905.D
Acq: 30 Aug 2023 21:28

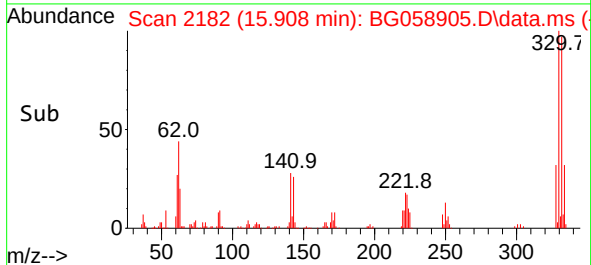
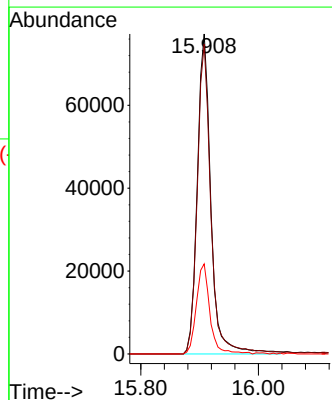
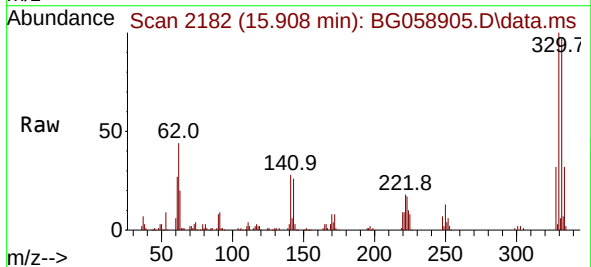
Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-05

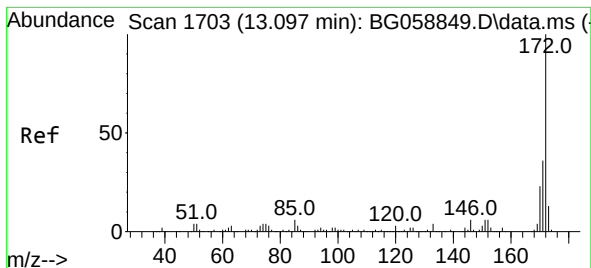
Tgt Ion:164 Resp: 51269
Ion Ratio Lower Upper
164 100
162 101.1 79.6 119.4
160 44.0 34.0 51.0



#42
2,4,6-Tribromophenol
Concen: 154.387 ng
RT: 15.908 min Scan# 2182
Delta R.T. -0.006 min
Lab File: BG058905.D
Acq: 30 Aug 2023 21:28

Tgt Ion:330 Resp: 124110
Ion Ratio Lower Upper
330 100
332 97.2 78.5 117.7
141 27.8 23.0 34.6

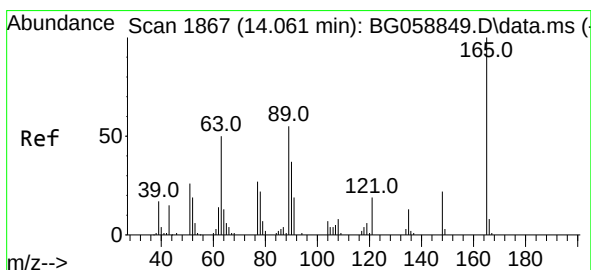
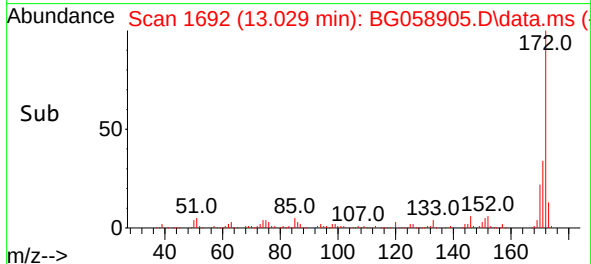
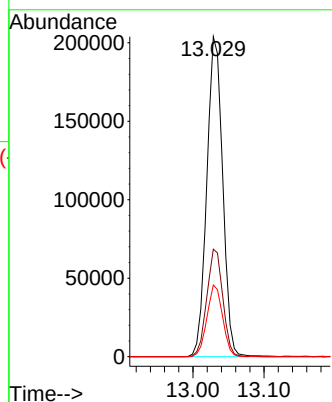
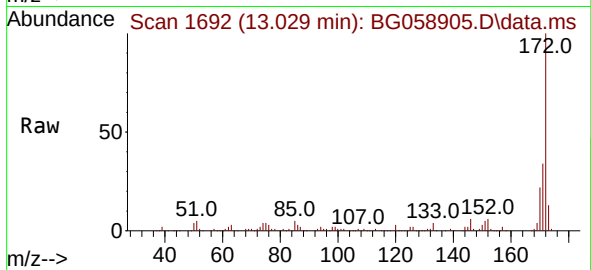




#45
2-Fluorobiphenyl
Concen: 89.929 ng
RT: 13.029 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG058905.D
Acq: 30 Aug 2023 21:28

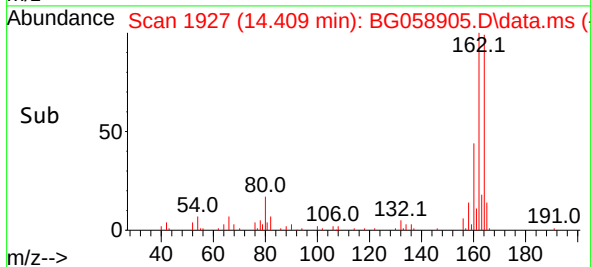
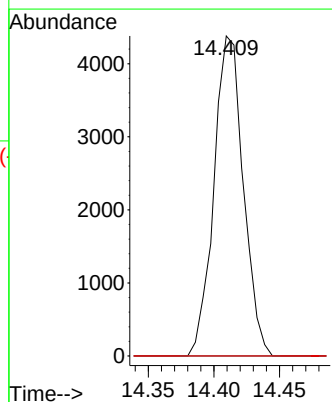
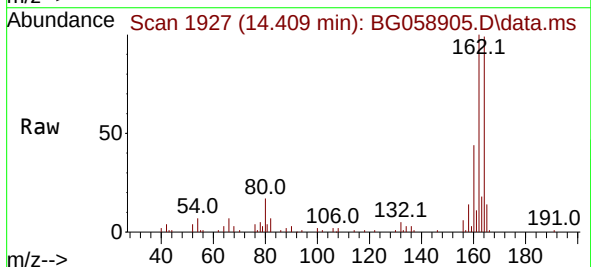
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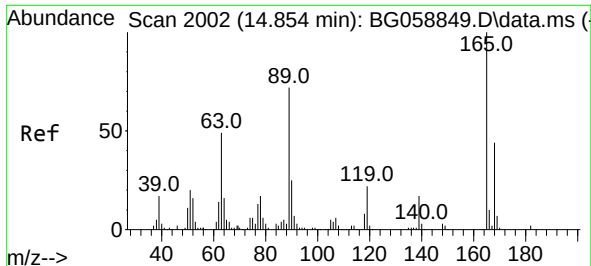
Tgt Ion:172 Resp: 316997
Ion Ratio Lower Upper
172 100
171 33.6 28.1 42.1
170 22.4 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.185 ng
RT: 14.409 min Scan# 1927
Delta R.T. 0.405 min
Lab File: BG058905.D
Acq: 30 Aug 2023 21:28

Tgt Ion:165 Resp: 6826
Ion Ratio Lower Upper
165 100
63 0.0 47.2 70.8#
89 0.0 45.0 67.4#

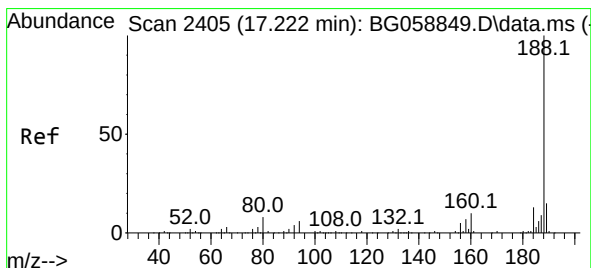
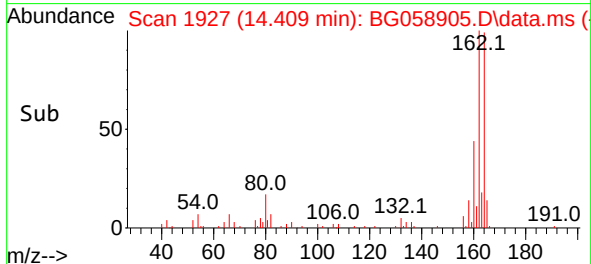
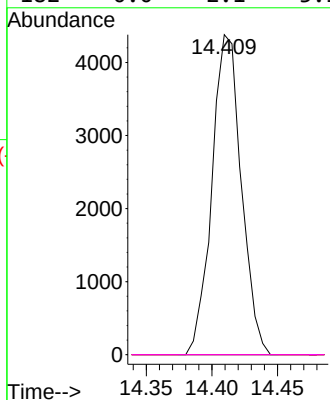
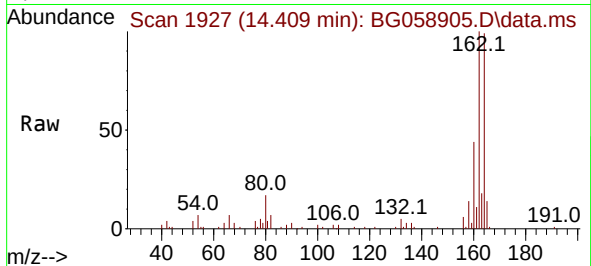




#57
2,4-Dinitrotoluene
Concen: 5.868 ng
RT: 14.409 min Scan# 1927
Delta R.T. -0.388 min
Lab File: BG058905.D
Acq: 30 Aug 2023 21:28

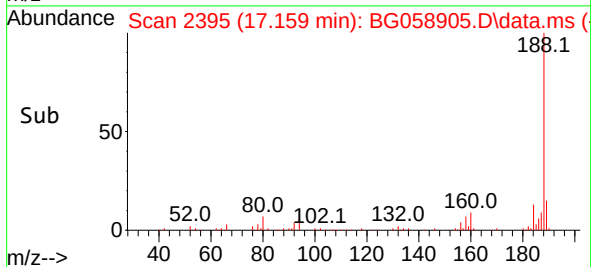
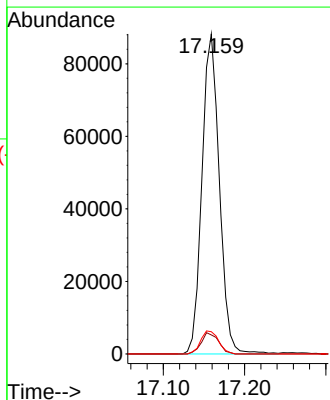
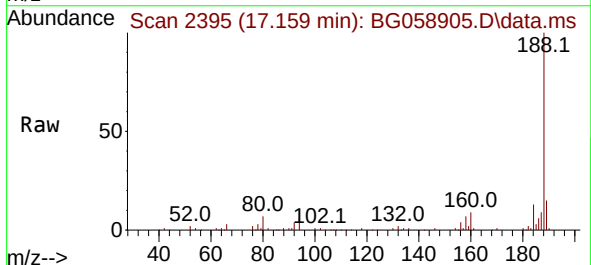
Instrument :
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OR-345-COMP-05

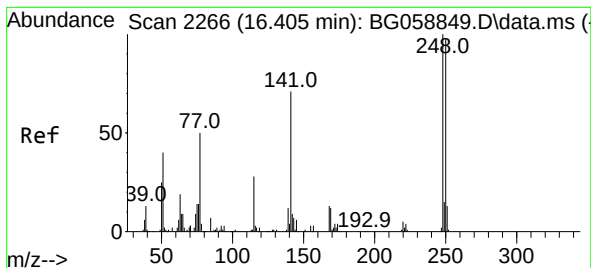
Tgt Ion:165	Resp:	6826
Ion Ratio	Lower	Upper
165	100	
63	0.0	41.8 62.6#
89	0.0	60.7 91.1#
182	0.0	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.159 min Scan# 2395
Delta R.T. -0.006 min
Lab File: BG058905.D
Acq: 30 Aug 2023 21:28

Tgt Ion:188	Resp:	131033
Ion Ratio	Lower	Upper
188	100	
94	6.0	6.1 9.1#
80	6.9	6.9 10.3

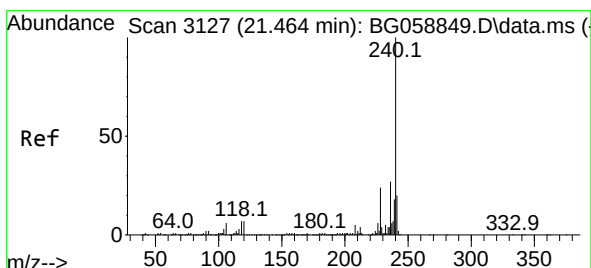
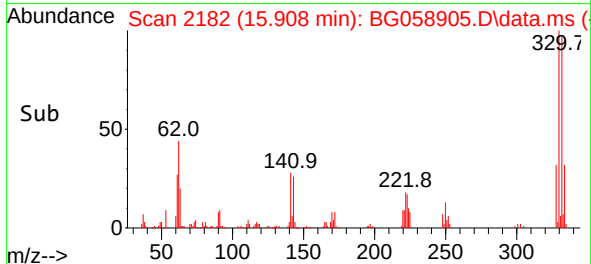
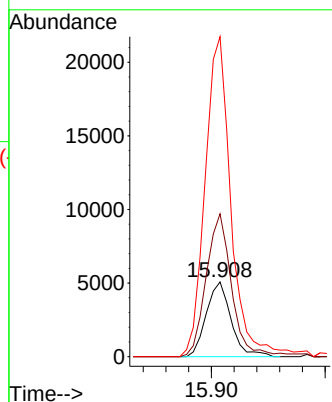
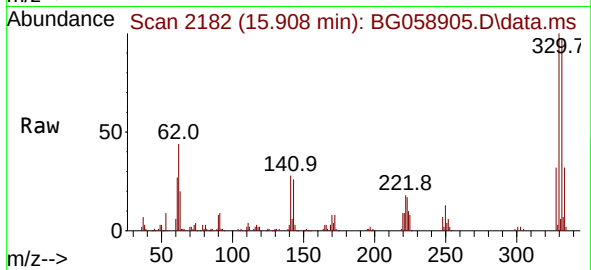




#67
4-Bromophenyl-phenylether
Concen: 5.340 ng
RT: 15.908 min Scan# 2116
Delta R.T. -0.447 min
Lab File: BG058905.D
Acq: 30 Aug 2023 21:28

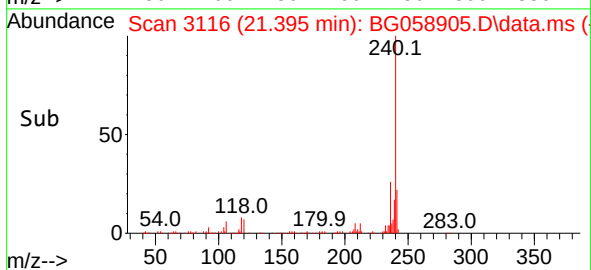
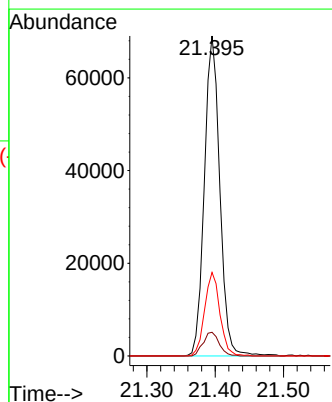
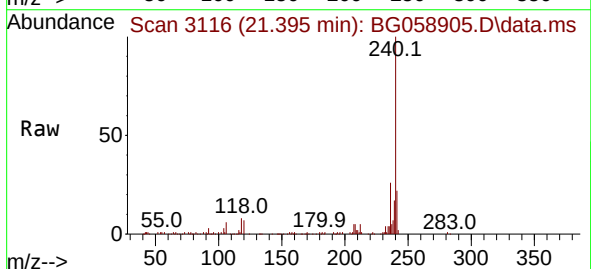
Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-05

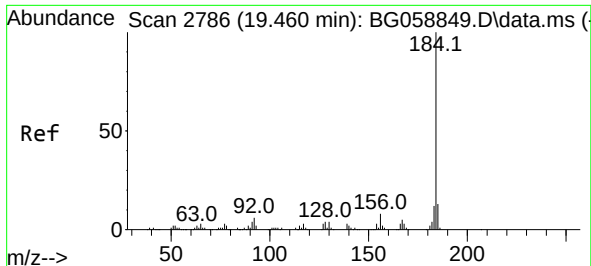
Tgt Ion:248 Resp: 7679
Ion Ratio Lower Upper
248 100
250 191.1 77.7 116.5#
141 428.0 53.6 80.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.395 min Scan# 3116
Delta R.T. -0.012 min
Lab File: BG058905.D
Acq: 30 Aug 2023 21:28

Tgt Ion:240 Resp: 108695
Ion Ratio Lower Upper
240 100
120 7.4 6.2 9.2
236 26.1 20.5 30.7

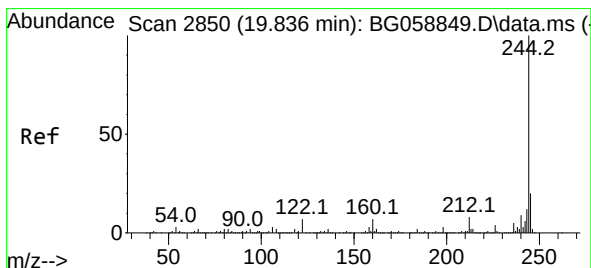
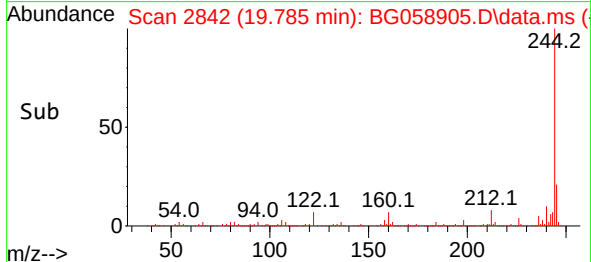
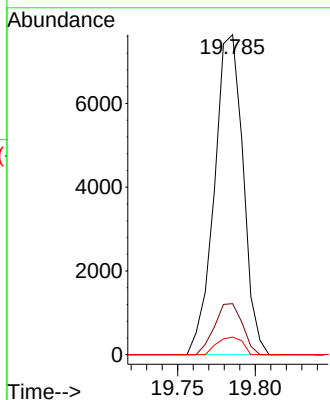
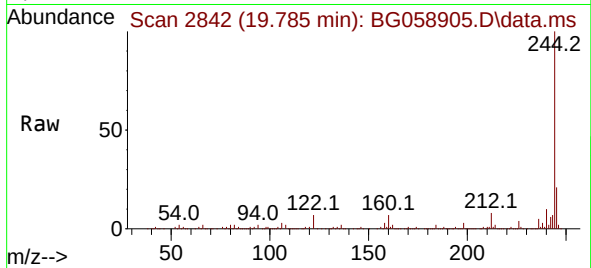




#77
Benzidine
Concen: 5.047 ng
RT: 19.785 min Scan# 2842
Delta R.T. 0.376 min
Lab File: BG058905.D
Acq: 30 Aug 2023 21:28

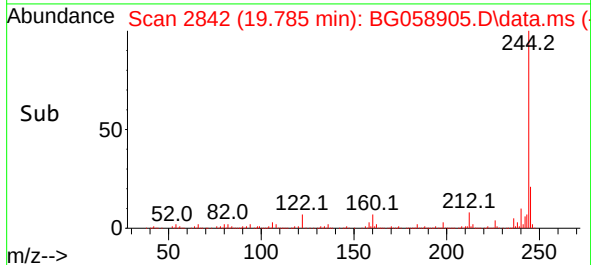
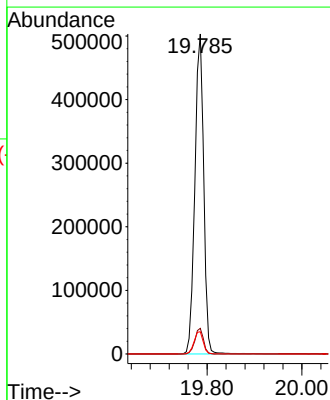
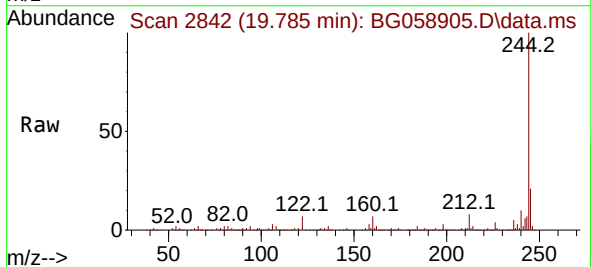
Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-05

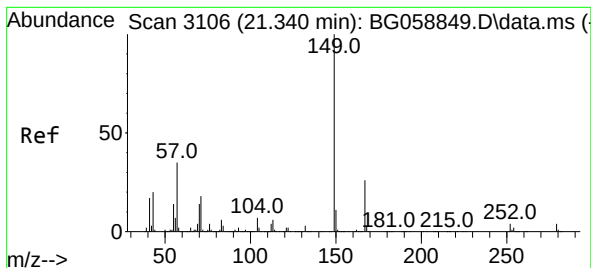
Tgt Ion:184 Resp: 9832
Ion Ratio Lower Upper
184 100
185 15.9 11.9 17.9
183 5.5 10.0 15.0#



#79
Terphenyl-d14
Concen: 107.516 ng
RT: 19.785 min Scan# 2842
Delta R.T. -0.006 min
Lab File: BG058905.D
Acq: 30 Aug 2023 21:28

Tgt Ion:244 Resp: 650842
Ion Ratio Lower Upper
244 100
212 8.0 6.2 9.2
122 7.0 6.3 9.5

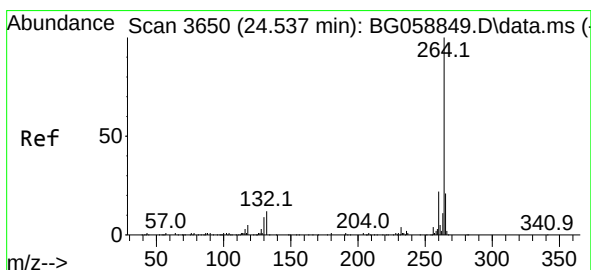
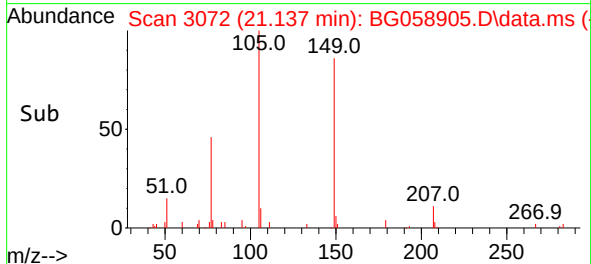
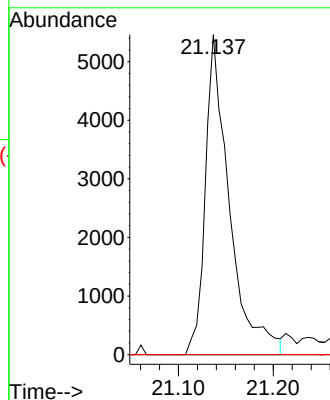
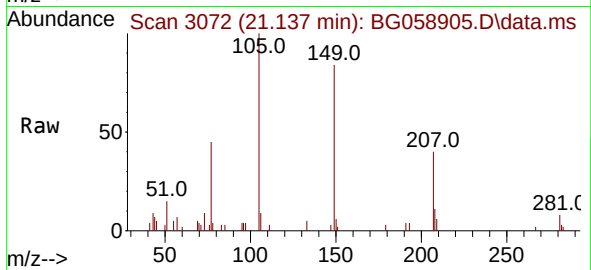




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.130 ng
 RT: 21.137 min Scan# 30
 Delta R.T. -0.153 min
 Lab File: BG058905.D
 Acq: 30 Aug 2023 21:28

Instrument :
 BNA_G
 ClientSampleId :
 OR-345-COMP-05

Tgt Ion:149 Resp: 9597
 Ion Ratio Lower Upper
 149 100
 167 0.0 21.7 32.5#
 279 0.0 3.2 4.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.427 min Scan# 3632
 Delta R.T. -0.012 min
 Lab File: BG058905.D
 Acq: 30 Aug 2023 21:28

Tgt Ion:264 Resp: 131247
 Ion Ratio Lower Upper
 264 100
 260 22.3 18.2 27.2
 265 22.3 16.4 24.6

