

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101221\
 Data File : BG050559.D
 Acq On : 12 Oct 2021 19:11
 Operator : CG/JU
 Sample : M4117-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-1(9.5-10.0)

Quant Time: Oct 13 04:43:20 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 06 15:51:01 2021
 Response via : Initial Calibration

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

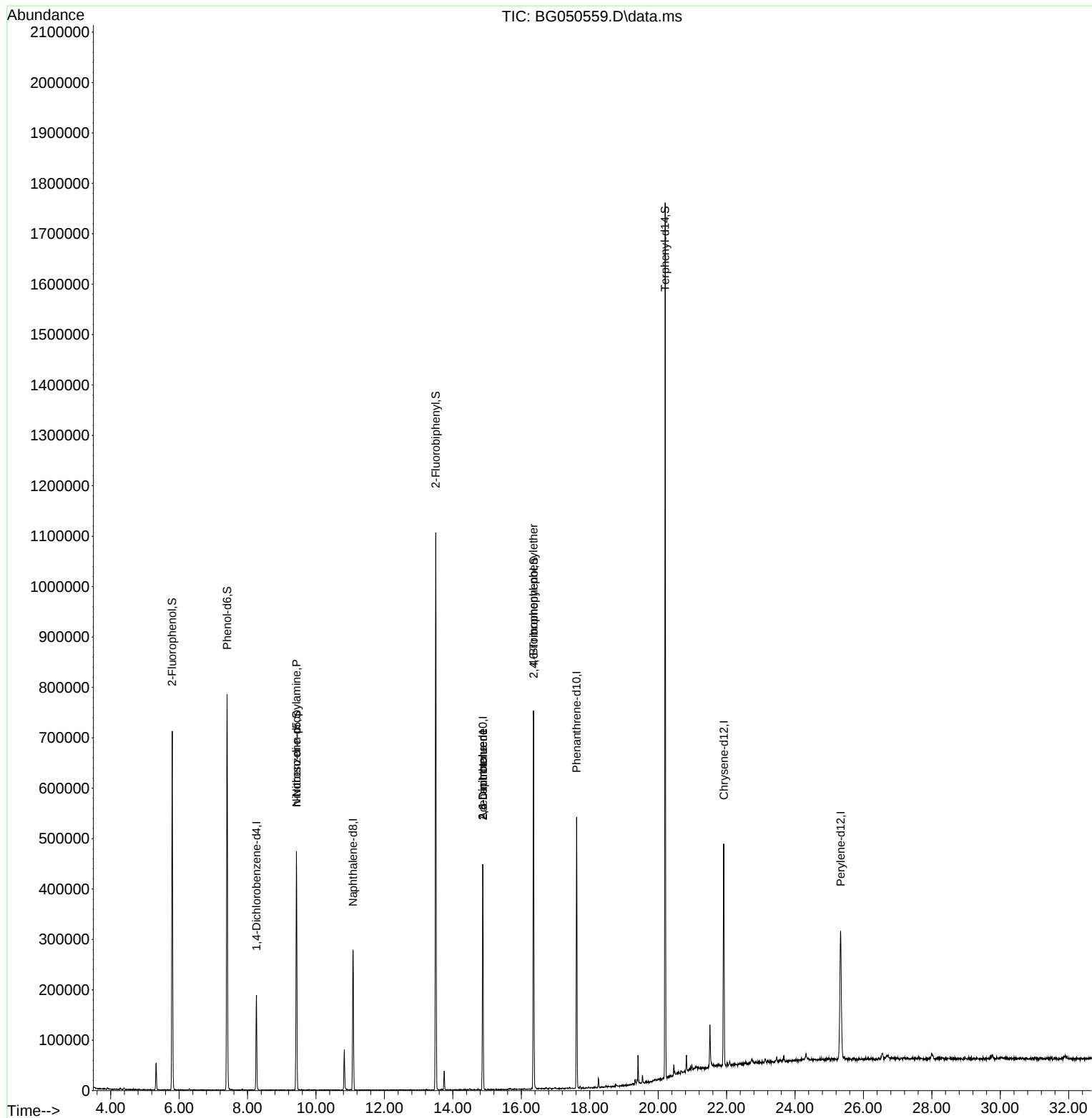
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.259	152	49740	20.000	ng	0.00
21) Naphthalene-d8	11.085	136	230275	20.000	ng	# 0.00
39) Acenaphthene-d10	14.875	164	156557	20.000	ng	0.00
64) Phenanthrene-d10	17.619	188	322259	20.000	ng	# 0.00
76) Chrysene-d12	21.920	240	276973	20.000	ng	# 0.00
86) Perylene-d12	25.333	264	270979	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	294737	88.619	ng	0.00
7) Phenol-d6	7.401	99	436656	90.681	ng	0.00
23) Nitrobenzene-d5	9.428	82	301869	54.266	ng	0.00
42) 2,4,6-Tribromophenol	16.361	330	108926	72.944	ng	0.00
45) 2-Fluorobiphenyl	13.500	172	546696	52.556	ng	0.00
79) Terphenyl-d14	20.204	244	766405	53.925	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.407	77	1115	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.428	70	41200	11.739	ng	# 76
51) 2,6-Dinitrotoluene	14.875	165	20211	8.527	ng	# 10
57) 2,4-Dinitrotoluene	14.875	165	20211	6.050	ng	# 15
67) 4-Bromophenyl-phenylether	16.355	248	9118	2.808	ng	# 1

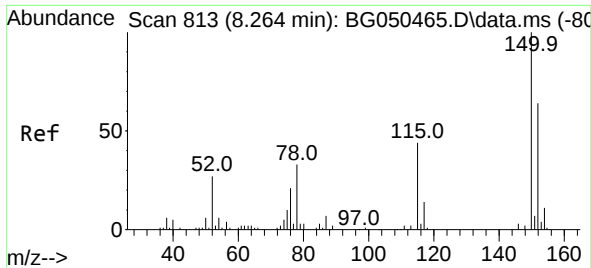
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-1(9.5-10.0)

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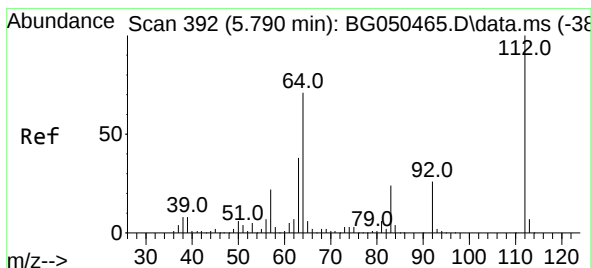
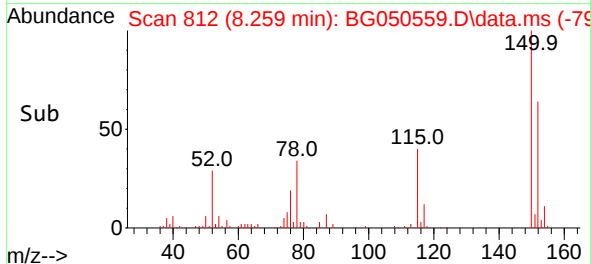
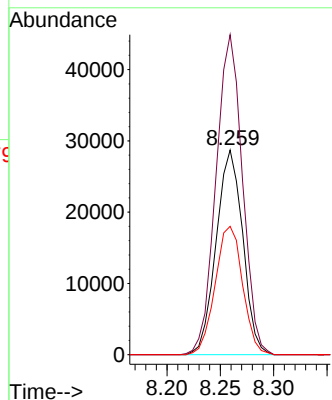
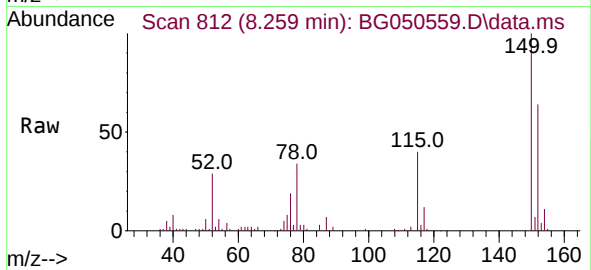




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.259 min Scan# 812
Delta R.T. -0.005 min
Lab File: BG050559.D
Acq: 12 Oct 2021 19:11

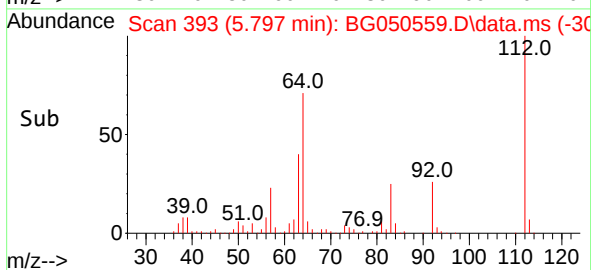
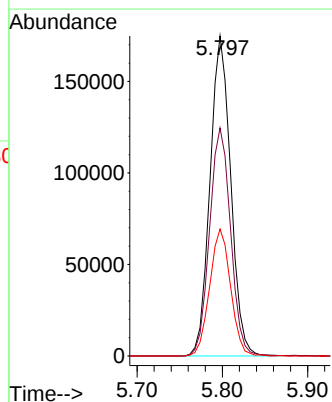
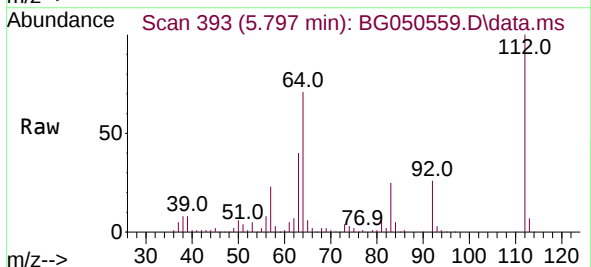
Instrument :
BNA_G
ClientSampleId :
SB-1(9.5-10.0)

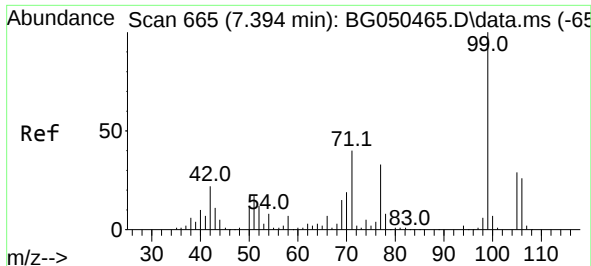
Tgt Ion:152 Resp: 49740
Ion Ratio Lower Upper
152 100
150 156.3 119.4 179.0
115 62.7 60.2 90.4



#5
2-Fluorophenol
Concen: 88.619 ng
RT: 5.797 min Scan# 393
Delta R.T. 0.007 min
Lab File: BG050559.D
Acq: 12 Oct 2021 19:11

Tgt Ion:112 Resp: 294737
Ion Ratio Lower Upper
112 100
64 71.3 46.7 70.1#
63 39.7 35.3 52.9

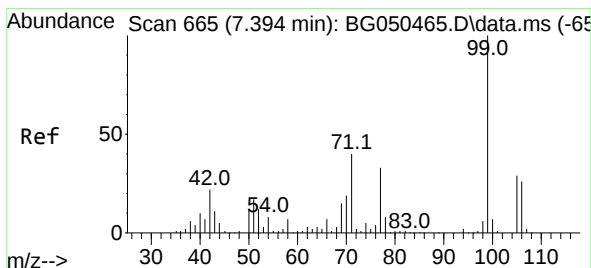
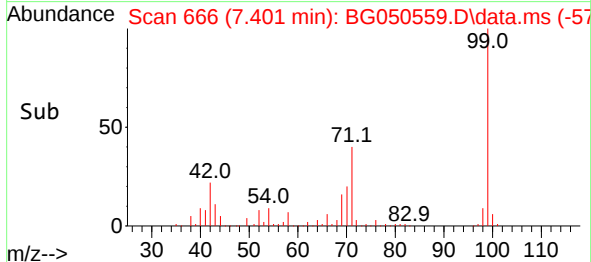
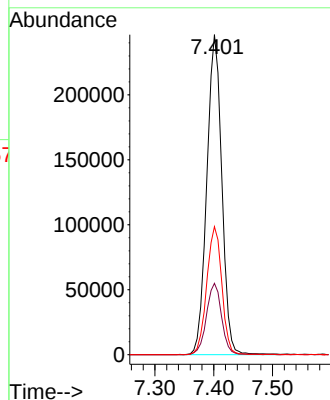
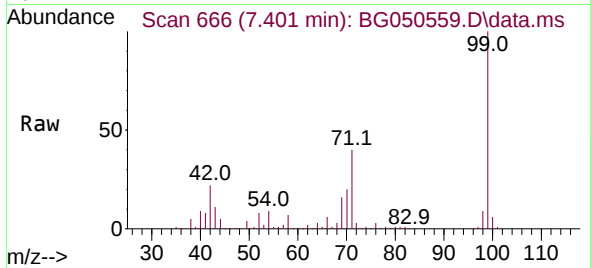




#7
Phenol-d6
Concen: 90.681 ng
RT: 7.401 min Scan# 666
Delta R.T. 0.007 min
Lab File: BG050559.D
Acq: 12 Oct 2021 19:11

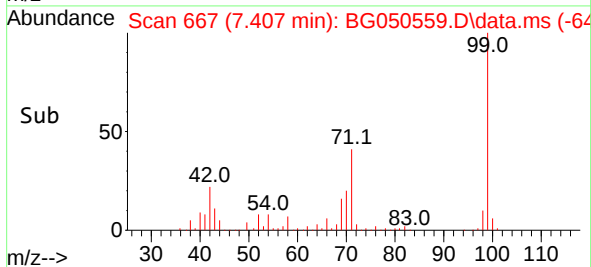
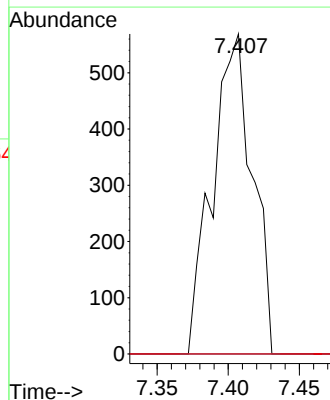
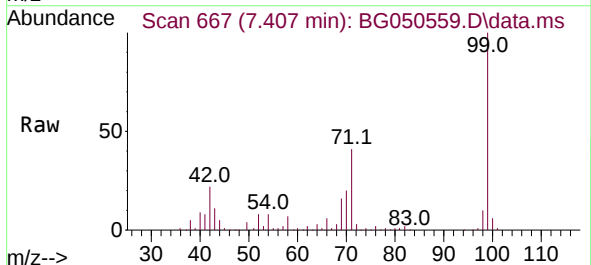
Instrument :
BNA_G
ClientSampleId :
SB-1(9.5-10.0)

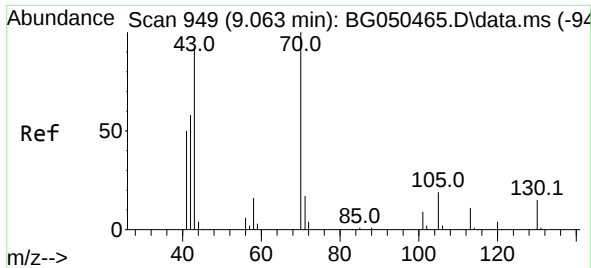
Tgt Ion: 99 Resp: 436656
Ion Ratio Lower Upper
99 100
42 22.3 20.5 30.7
71 40.0 41.5 62.3#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.407 min Scan# 667
Delta R.T. 0.013 min
Lab File: BG050559.D
Acq: 12 Oct 2021 19:11

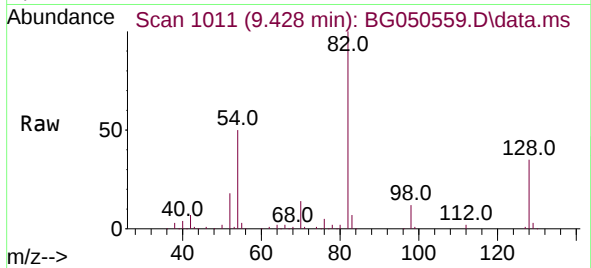
Tgt Ion: 77 Resp: 1115
Ion Ratio Lower Upper
77 100
105 0.0 68.8 108.8#
106 0.0 47.9 87.9#



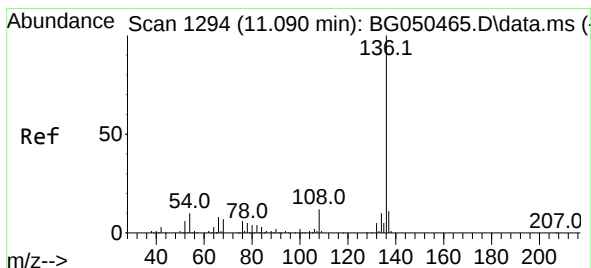
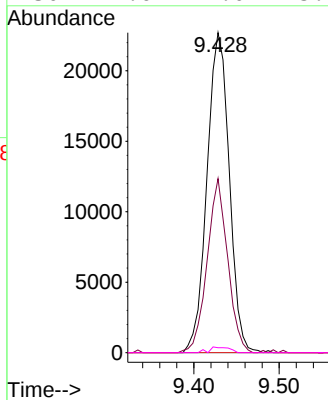
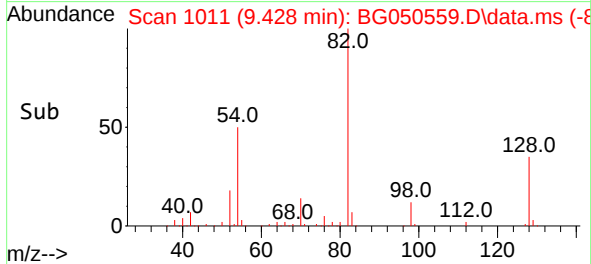


#19
n-Nitroso-di-n-propylamine
Concen: 11.739 ng
RT: 9.428 min Scan# 1011
Delta R.T. 0.366 min
Lab File: BG050559.D
Acq: 12 Oct 2021 19:11

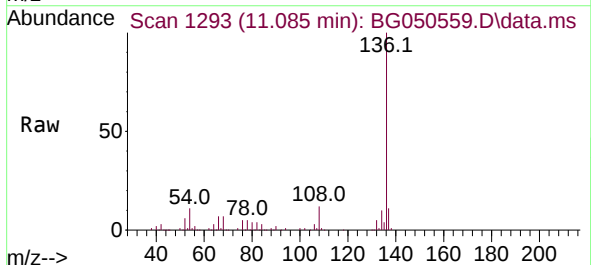
Instrument :
BNA_G
ClientSampleId :
SB-1(9.5-10.0)



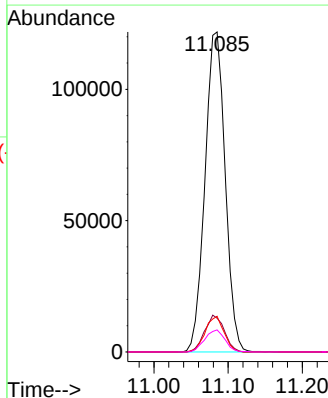
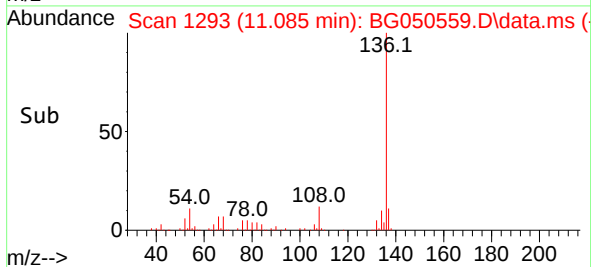
Tgt Ion: 70 Resp: 41200
Ion Ratio Lower Upper
70 100
42 54.4 54.5 81.7#
101 0.0 9.0 13.6#
130 1.6 17.0 25.6#

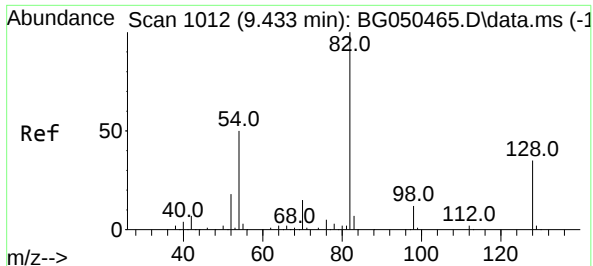


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.085 min Scan# 1293
Delta R.T. -0.004 min
Lab File: BG050559.D
Acq: 12 Oct 2021 19:11



Tgt Ion: 136 Resp: 230275
Ion Ratio Lower Upper
136 100
137 10.6 8.2 12.2
54 11.1 5.5 8.3#
68 6.9 2.3 3.5#

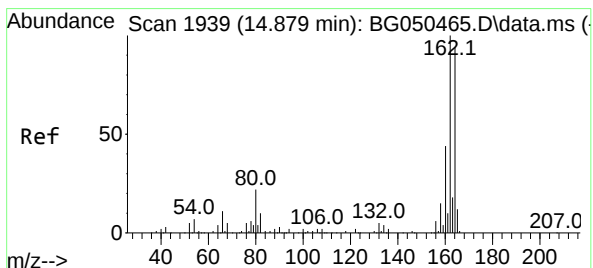
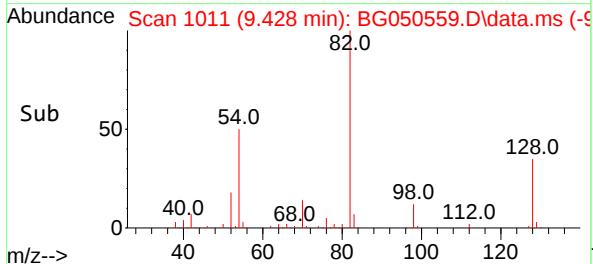
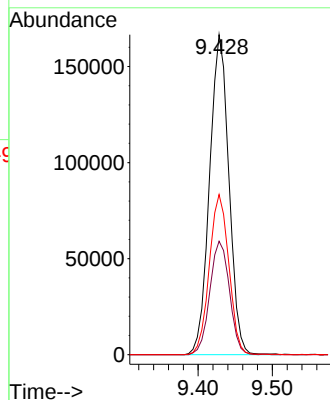
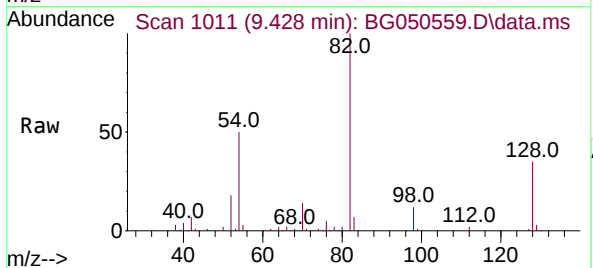




#23
Nitrobenzene-d5
Concen: 54.266 ng
RT: 9.428 min Scan# 1011
Delta R.T. -0.004 min
Lab File: BG050559.D
Acq: 12 Oct 2021 19:11

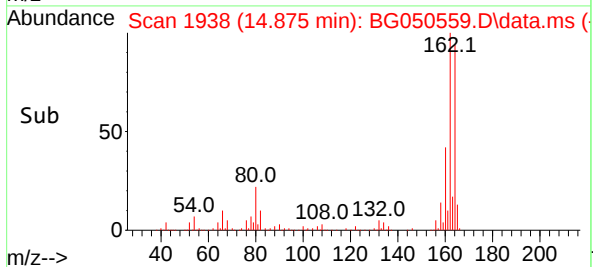
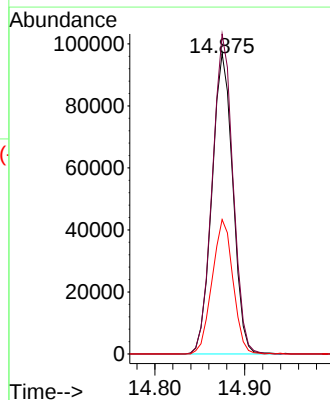
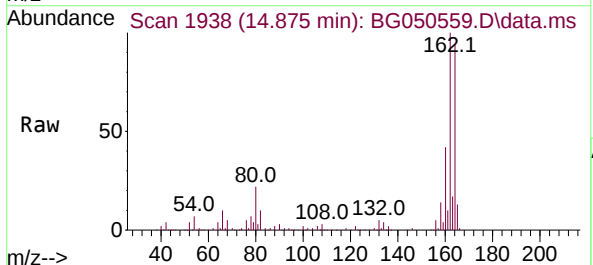
Instrument :
BNA_G
ClientSampleId :
SB-1(9.5-10.0)

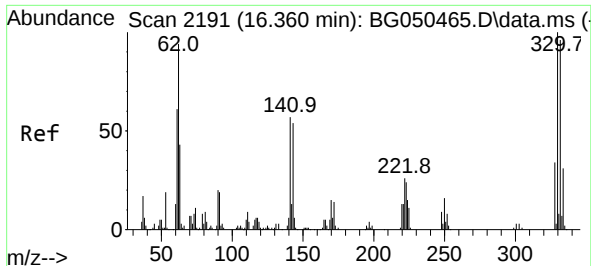
Tgt Ion: 82 Resp: 301869
Ion Ratio Lower Upper
82 100
128 35.4 29.8 44.6
54 50.1 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.875 min Scan# 1938
Delta R.T. -0.005 min
Lab File: BG050559.D
Acq: 12 Oct 2021 19:11

Tgt Ion:164 Resp: 156557
Ion Ratio Lower Upper
164 100
162 106.5 81.4 122.0
160 44.7 34.9 52.3

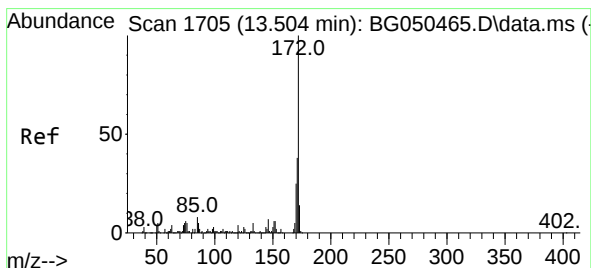
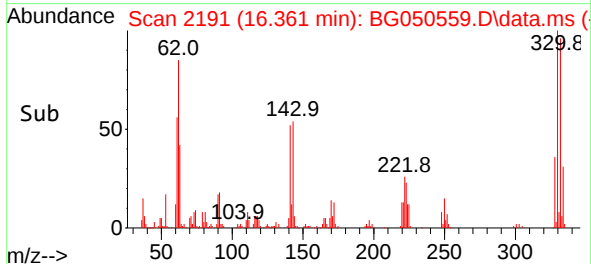
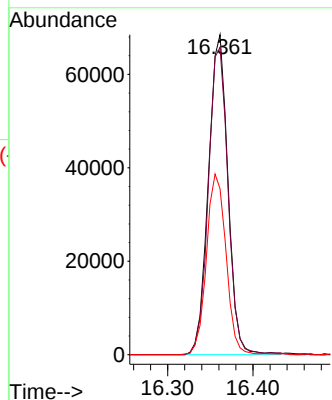
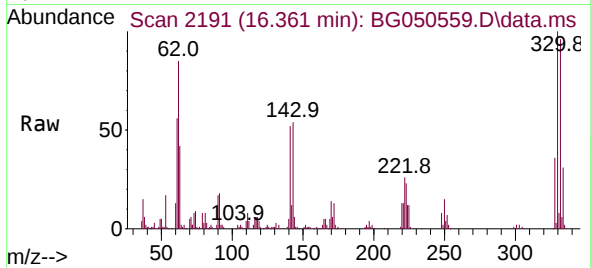




#42
2,4,6-Tribromophenol
Concen: 72.944 ng
RT: 16.361 min Scan# 2191
Delta R.T. 0.001 min
Lab File: BG050559.D
Acq: 12 Oct 2021 19:11

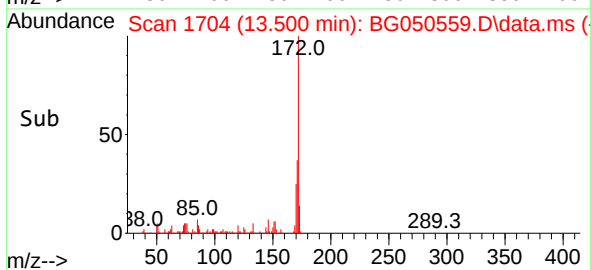
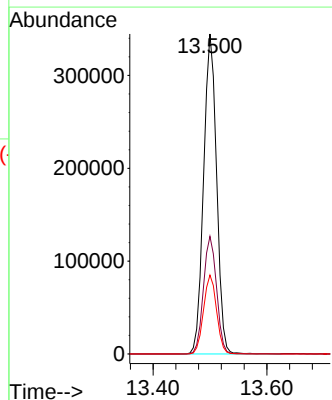
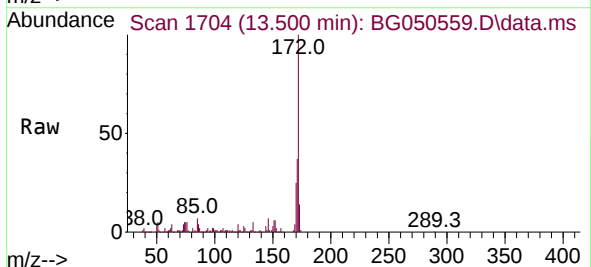
Instrument :
BNA_G
ClientSampleId :
SB-1(9.5-10.0)

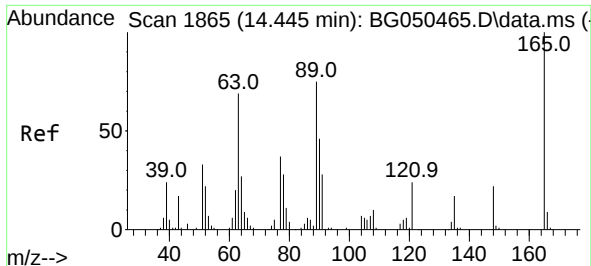
Tgt Ion:330 Resp: 108926
Ion Ratio Lower Upper
330 100
332 96.2 77.3 115.9
141 56.8 35.6 53.4#



#45
2-Fluorobiphenyl
Concen: 52.556 ng
RT: 13.500 min Scan# 1704
Delta R.T. -0.004 min
Lab File: BG050559.D
Acq: 12 Oct 2021 19:11

Tgt Ion:172 Resp: 546696
Ion Ratio Lower Upper
172 100
171 36.8 28.6 43.0
170 24.6 18.6 27.8

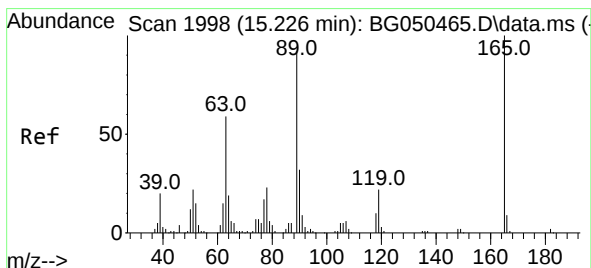
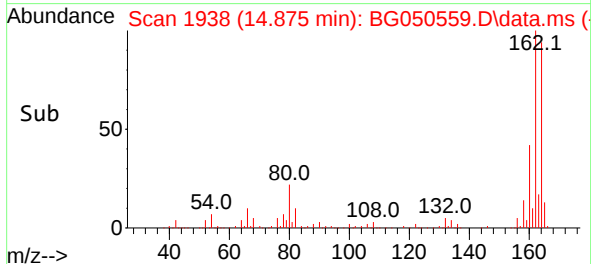
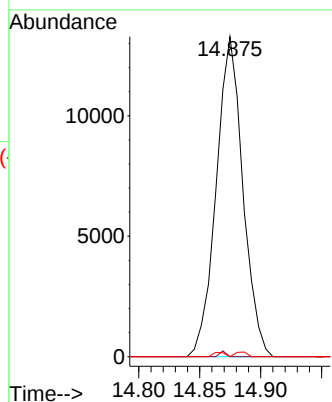
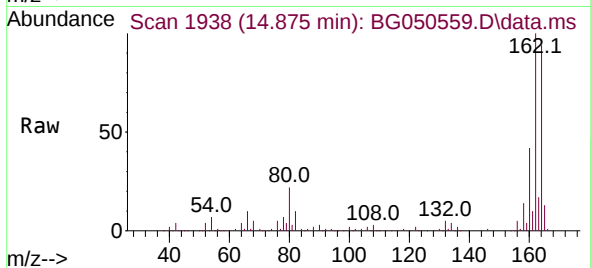




#51
2,6-Dinitrotoluene
Concen: 8.527 ng
RT: 14.875 min Scan# 1938
Delta R.T. 0.430 min
Lab File: BG050559.D
Acq: 12 Oct 2021 19:11

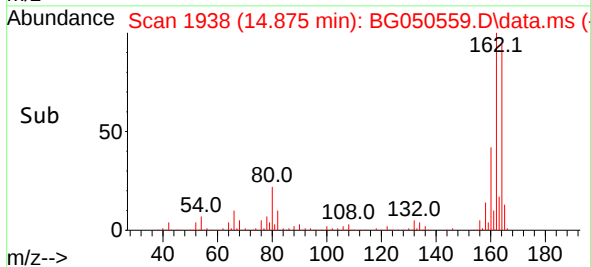
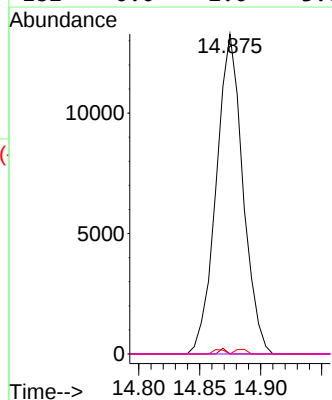
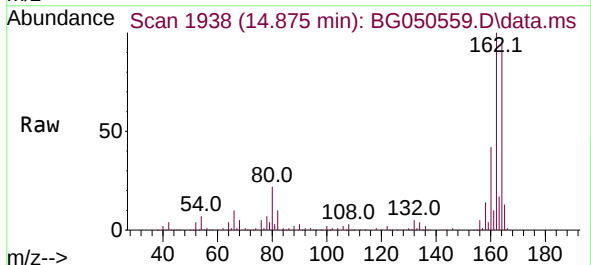
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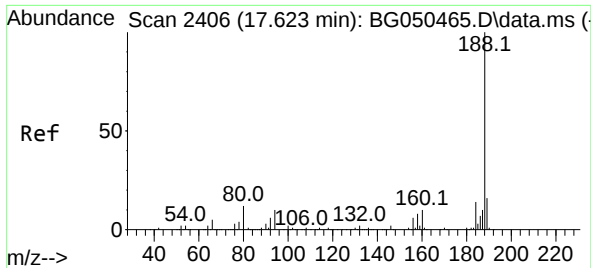
Tgt Ion:165 Resp: 20211
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 6.050 ng
RT: 14.875 min Scan# 1938
Delta R.T. -0.351 min
Lab File: BG050559.D
Acq: 12 Oct 2021 19:11

Tgt Ion:165 Resp: 20211
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#

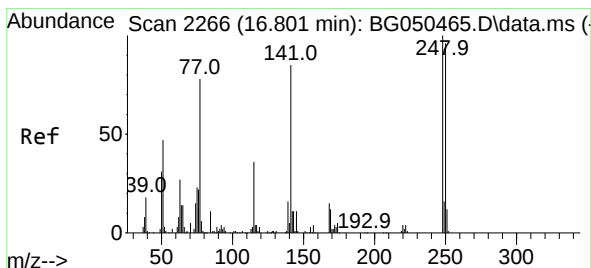
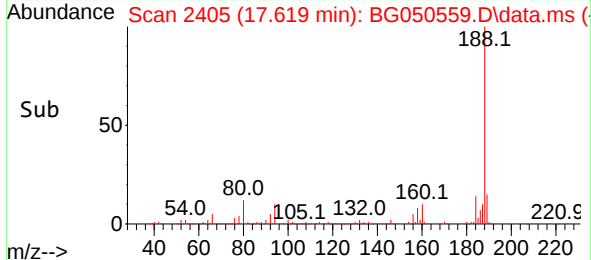
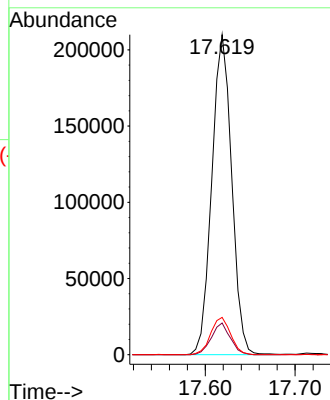
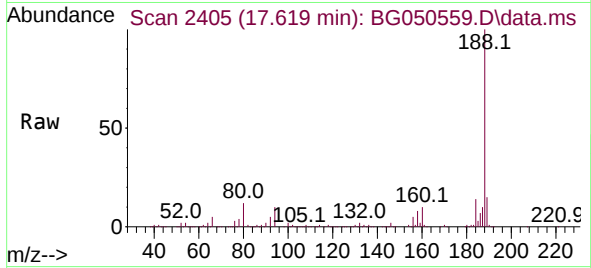




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.619 min Scan# 2405
Delta R.T. -0.004 min
Lab File: BG050559.D
Acq: 12 Oct 2021 19:11

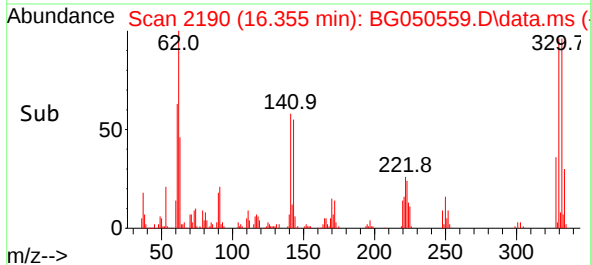
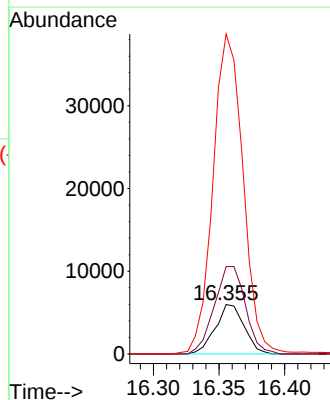
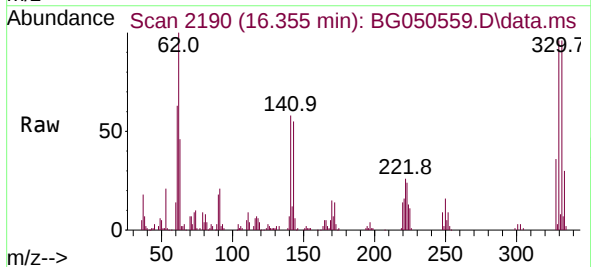
Instrument :
BNA_G
ClientSampleId :
SB-1(9.5-10.0)

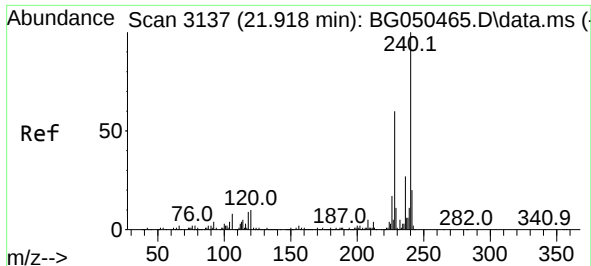
Tgt Ion:188 Resp: 322259
Ion Ratio Lower Upper
188 100
94 9.9 5.4 8.0#
80 11.6 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 2.808 ng
RT: 16.355 min Scan# 2190
Delta R.T. -0.445 min
Lab File: BG050559.D
Acq: 12 Oct 2021 19:11

Tgt Ion:248 Resp: 9118
Ion Ratio Lower Upper
248 100
250 176.6 76.1 114.1#
141 647.0 65.4 98.2#

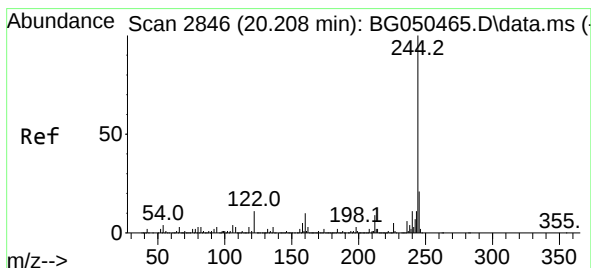
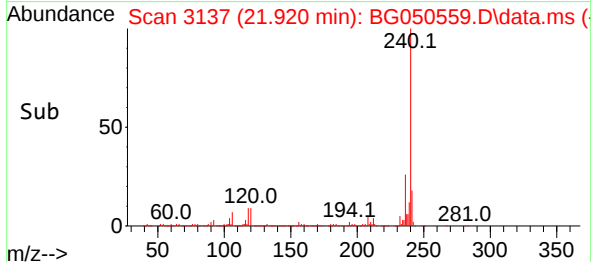
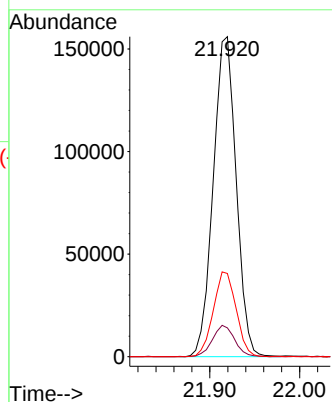
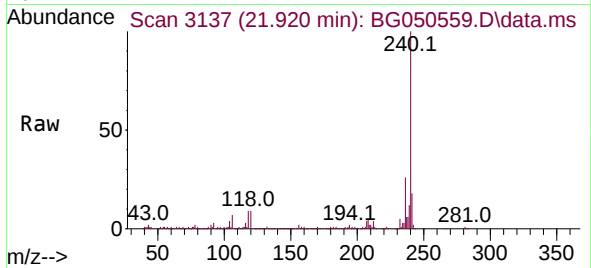




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.920 min Scan# 3137
Delta R.T. 0.001 min
Lab File: BG050559.D
Acq: 12 Oct 2021 19:11

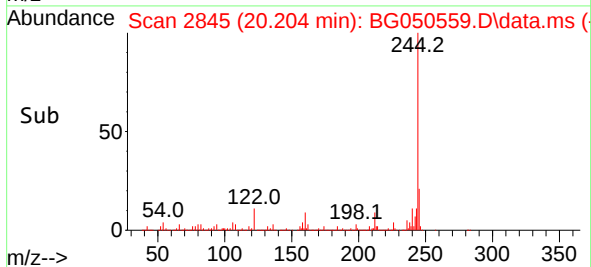
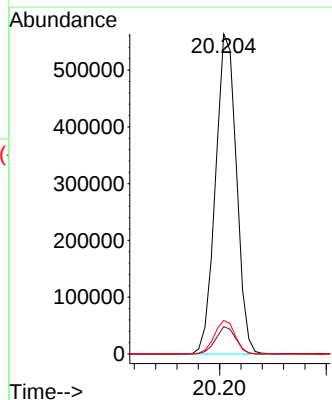
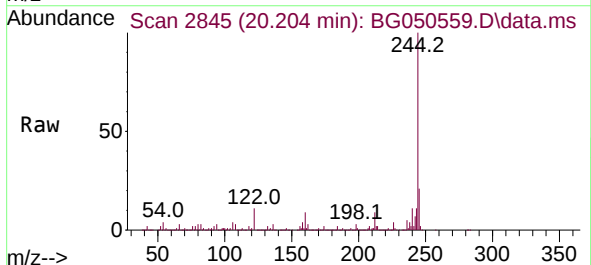
Instrument :
BNA_G
ClientSampleId :
SB-1(9.5-10.0)

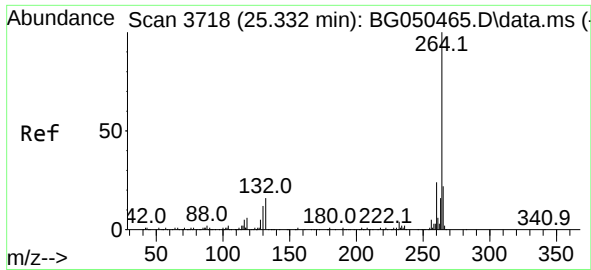
Tgt Ion:240 Resp: 276973
Ion Ratio Lower Upper
240 100
120 9.0 4.2 6.2#
236 26.0 21.8 32.6



#79
Terphenyl-d14
Concen: 53.925 ng
RT: 20.204 min Scan# 2845
Delta R.T. -0.004 min
Lab File: BG050559.D
Acq: 12 Oct 2021 19:11

Tgt Ion:244 Resp: 766405
Ion Ratio Lower Upper
244 100
212 8.5 6.9 10.3
122 10.5 5.0 7.6#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.333 min Scan# 3718
 Delta R.T. 0.001 min
 Lab File: BG050559.D
 Acq: 12 Oct 2021 19:11

Instrument :
 BNA_G
 ClientSampleId :
 SB-1(9.5-10.0)

Tgt Ion:	264	Resp:	270979
Ion Ratio	Lower	Upper	
264	100		
260	24.8	19.4	29.2
265	21.3	16.9	25.3

