

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071222\
 Data File : BG054265.D
 Acq On : 12 Jul 2022 21:11
 Operator : CG/JU
 Sample : N3662-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20220496B-SIM/C2B-COMPOSITE

Quant Time: Jul 13 01:37:01 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 15:49:20 2022
 Response via : Initial Calibration

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

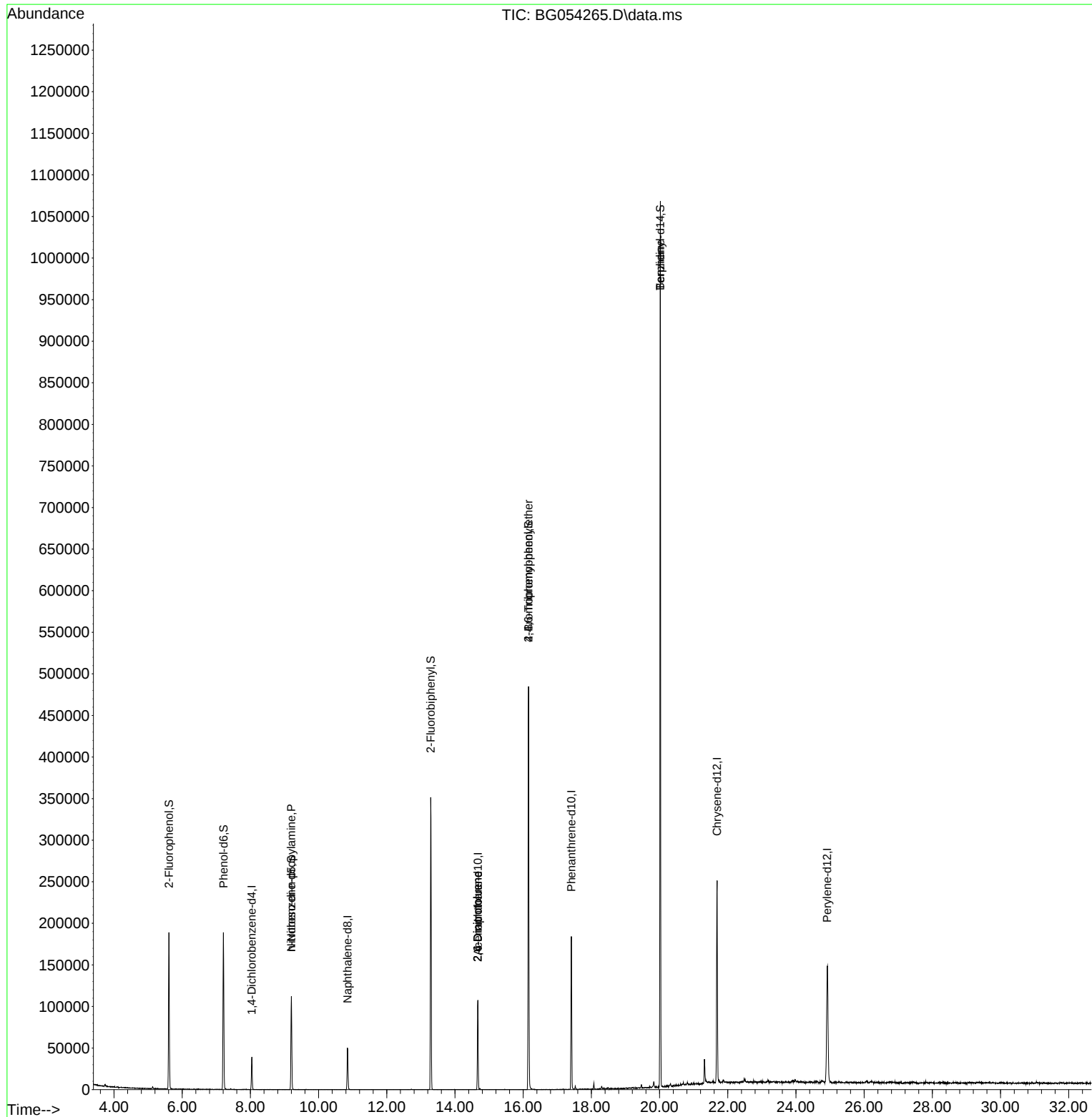
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.036	152	12567	20.000	ng	0.00
21) Naphthalene-d8	10.845	136	47536	20.000	ng	# 0.00
39) Acenaphthene-d10	14.670	164	42381	20.000	ng	0.00
64) Phenanthrene-d10	17.413	188	136894	20.000	ng	# 0.00
76) Chrysene-d12	21.685	240	172613	20.000	ng	# 0.00
86) Perylene-d12	24.916	264	178805	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.610	112	80483	128.669	ng	0.00
7) Phenol-d6	7.208	99	107142	124.190	ng	0.00
23) Nitrobenzene-d5	9.200	82	68595	78.307	ng	0.00
42) 2,4,6-Tribromophenol	16.156	330	130642	159.133	ng	0.00
45) 2-Fluorobiphenyl	13.289	172	204583	70.929	ng	0.00
79) Terphenyl-d14	20.022	244	617062	73.512	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.200	70	9832	16.693	ng	# 81
51) 2,6-Dinitrotoluene	14.664	165	5581	7.716	ng	# 16
57) 2,4-Dinitrotoluene	14.664	165	5581	5.329	ng	# 21
67) 4-Bromophenyl-phenylether	16.156	248	7461	4.086	ng	# 1
77) Benzidine	20.022	184	8190	2.703	ng	96

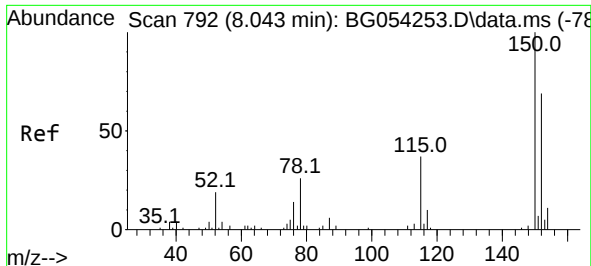
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071222\
Data File : BG054265.D
Acq On : 12 Jul 2022 21:11
Operator : CG/JU
Sample : N3662-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20220496B-SIM/C2B-COMPOSITE

Quant Time: Jul 13 01:37:01 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 12 15:49:20 2022
Response via : Initial Calibration

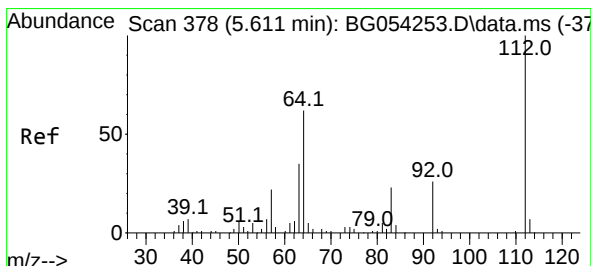
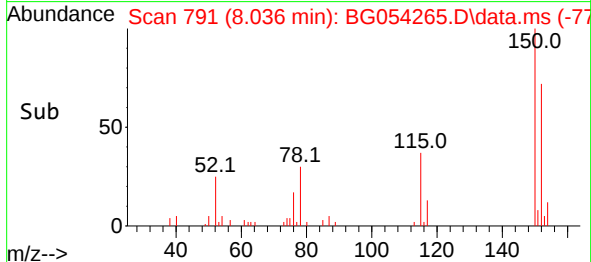
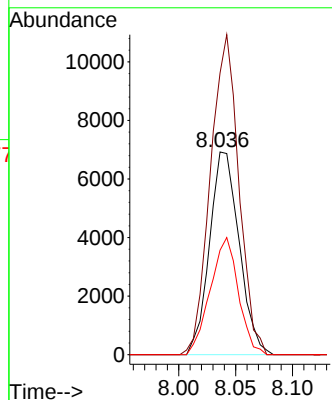
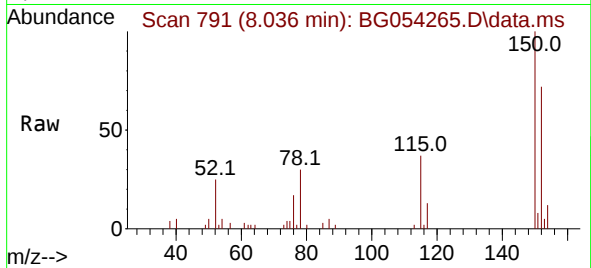




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.036 min Scan# 791
Delta R.T. -0.007 min
Lab File: BG054265.D
Acq: 12 Jul 2022 21:11

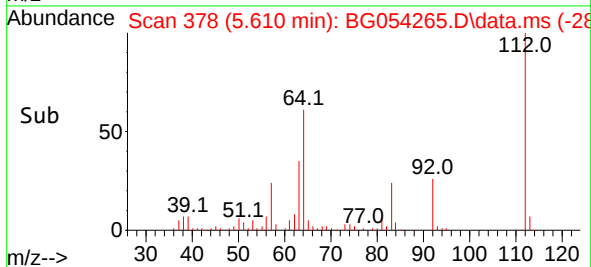
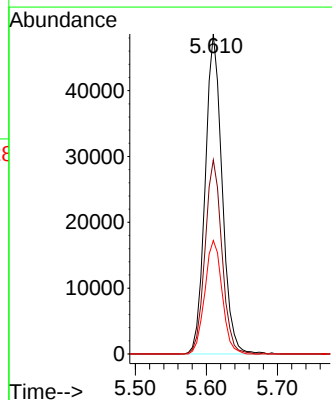
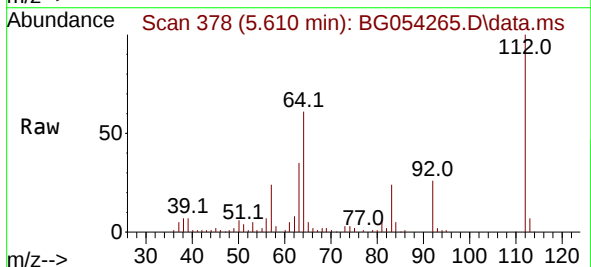
Instrument :
BNA_G
ClientSampleId :
20220496B-SIM/C2B-COMPOSITE

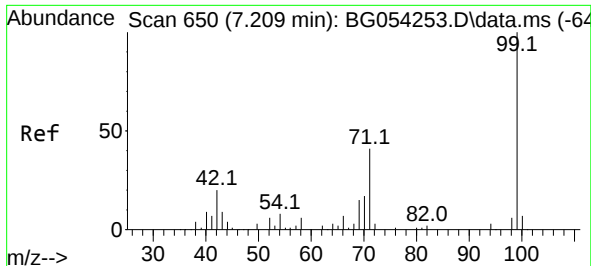
Tgt Ion:152 Resp: 12567
Ion Ratio Lower Upper
152 100
150 139.0 131.6 197.4
115 51.5 50.9 76.3



#5
2-Fluorophenol
Concen: 128.669 ng
RT: 5.610 min Scan# 378
Delta R.T. -0.001 min
Lab File: BG054265.D
Acq: 12 Jul 2022 21:11

Tgt Ion:112 Resp: 80483
Ion Ratio Lower Upper
112 100
64 60.6 55.1 82.7
63 35.5 30.4 45.6

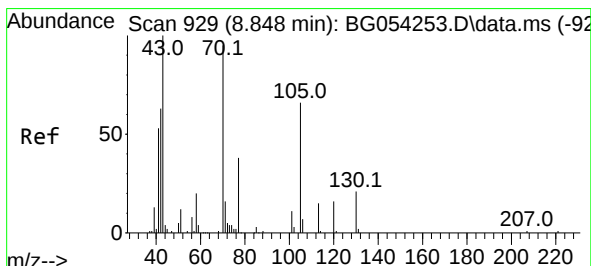
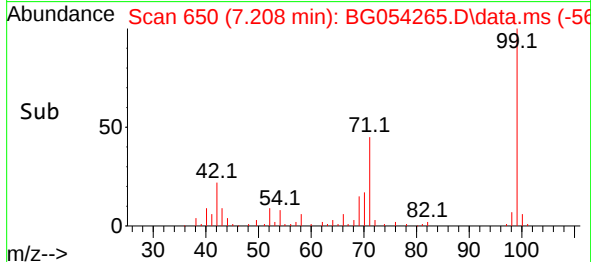
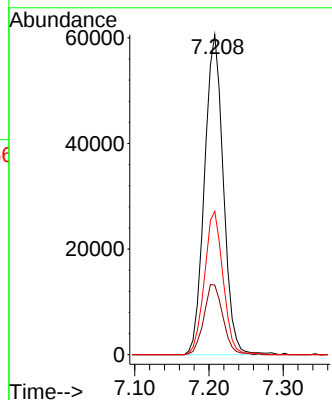
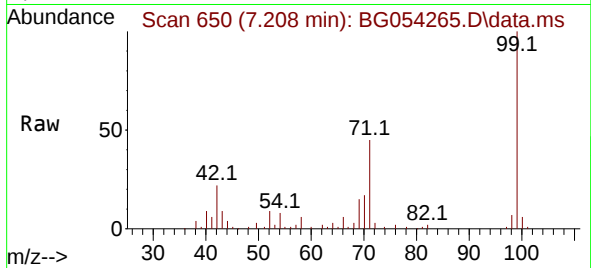




#7
Phenol-d6
Concen: 124.190 ng
RT: 7.208 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG054265.D
Acq: 12 Jul 2022 21:11

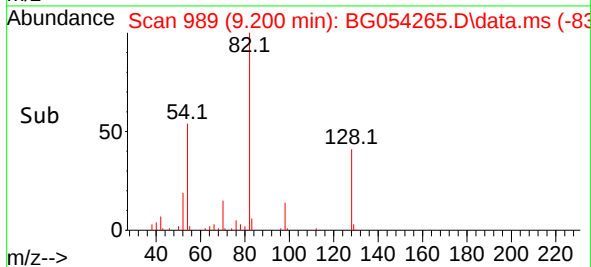
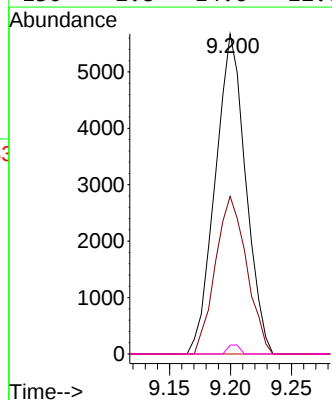
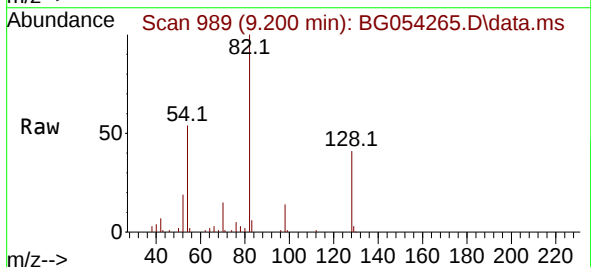
Instrument :
BNA_G
ClientSampleId :
20220496B-SIM/C2B-COMPOSITE

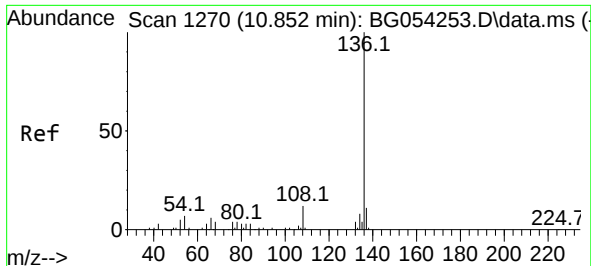
Tgt Ion: 99 Resp: 107142
Ion Ratio Lower Upper
99 100
42 21.7 17.0 25.6
71 44.8 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 16.693 ng
RT: 9.200 min Scan# 989
Delta R.T. 0.352 min
Lab File: BG054265.D
Acq: 12 Jul 2022 21:11

Tgt Ion: 70 Resp: 9832
Ion Ratio Lower Upper
70 100
42 49.3 47.3 70.9
101 0.0 7.0 10.4#
130 2.8 14.6 22.0#

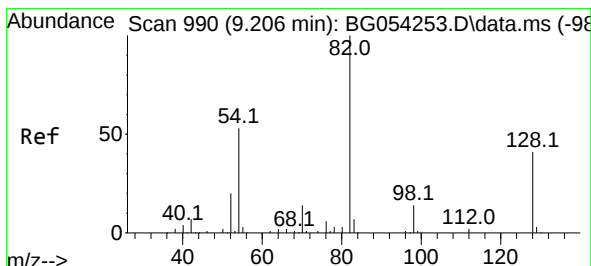
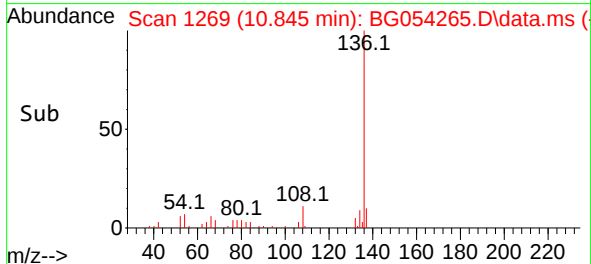
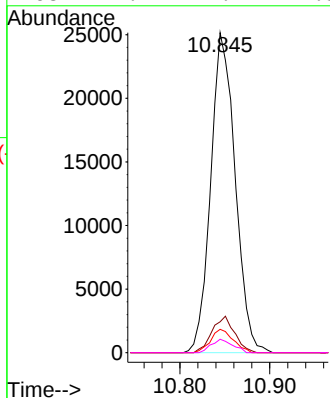
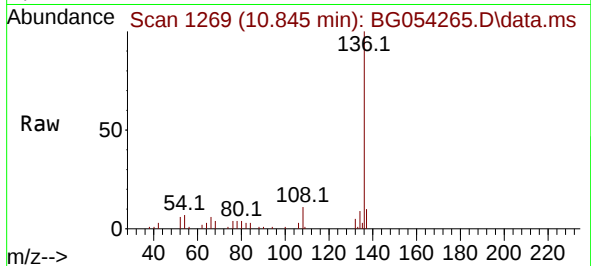




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.845 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG054265.D
Acq: 12 Jul 2022 21:11

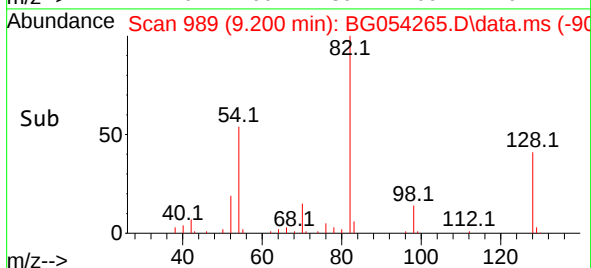
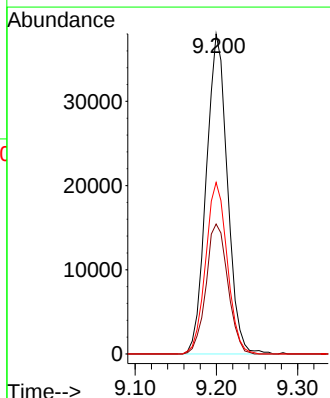
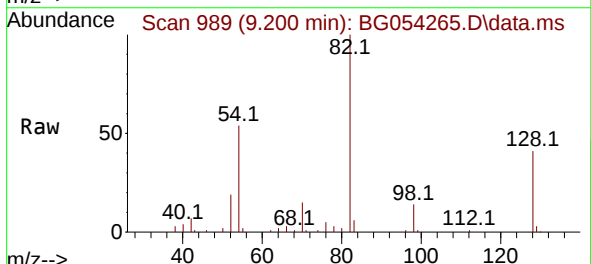
Instrument :
BNA_G
ClientSampleId :
20220496B-SIM/C2B-COMPOSITE

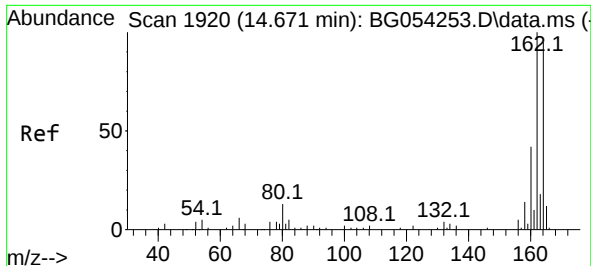
Tgt Ion:	136	Resp:	47536
Ion Ratio	Lower	Upper	
136	100		
137	9.7	8.5	12.7
54	7.3	7.4	11.2#
68	4.2	4.9	7.3#



#23
Nitrobenzene-d5
Concen: 78.307 ng
RT: 9.200 min Scan# 989
Delta R.T. -0.007 min
Lab File: BG054265.D
Acq: 12 Jul 2022 21:11

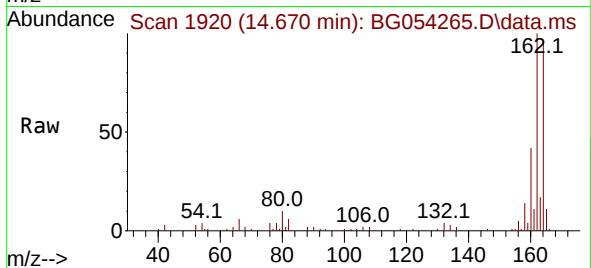
Tgt Ion:	82	Resp:	68595
Ion Ratio	Lower	Upper	
82	100		
128	40.6	27.9	41.9
54	53.6	41.2	61.8



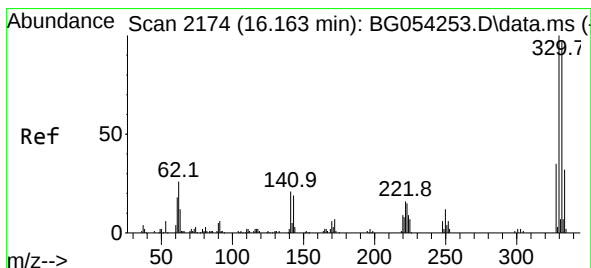
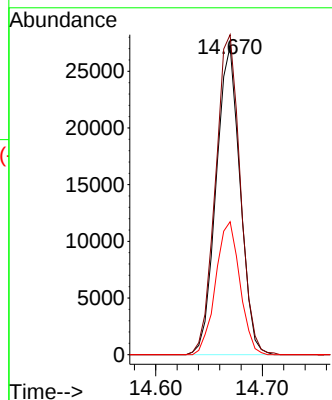
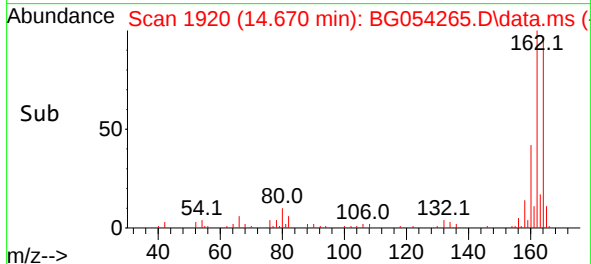


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.670 min Scan# 1920
Delta R.T. -0.001 min
Lab File: BG054265.D
Acq: 12 Jul 2022 21:11

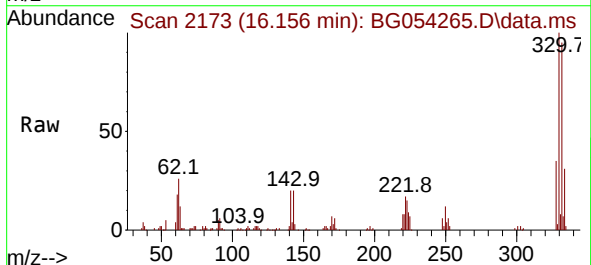
Instrument :
BNA_G
ClientSampleId :
20220496B-SIM/C2B-COMPOSITE



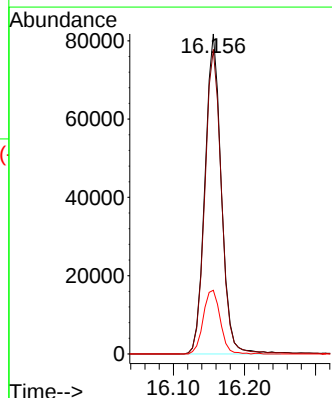
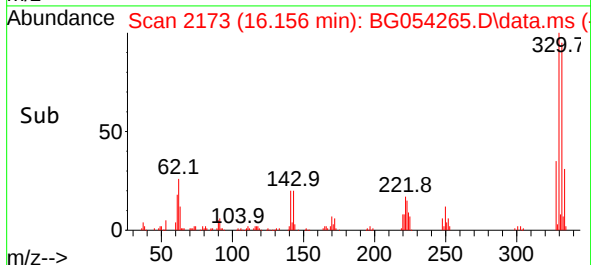
Tgt Ion:164 Resp: 42381
Ion Ratio Lower Upper
164 100
162 103.7 82.3 123.5
160 43.1 34.2 51.2

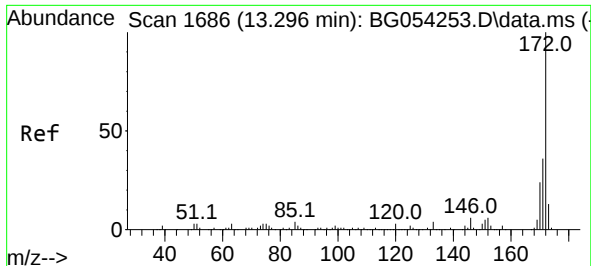


#42
2,4,6-Tribromophenol
Concen: 159.133 ng
RT: 16.156 min Scan# 2173
Delta R.T. -0.007 min
Lab File: BG054265.D
Acq: 12 Jul 2022 21:11



Tgt Ion:330 Resp: 130642
Ion Ratio Lower Upper
330 100
332 96.9 76.0 114.0
141 20.7 27.1 40.7#

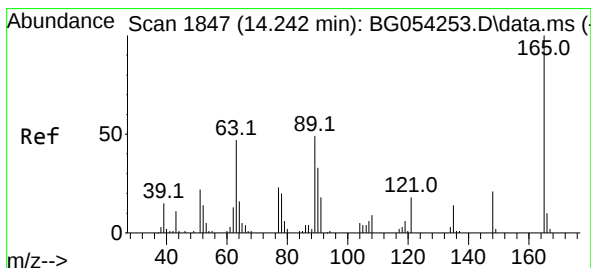
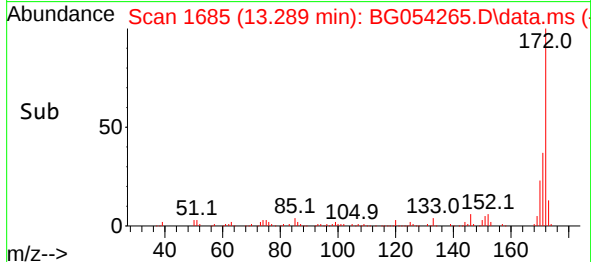
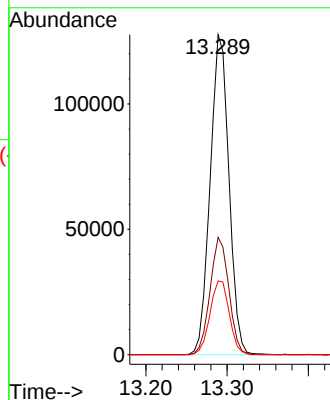
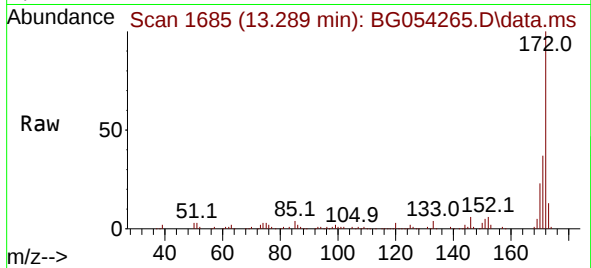




#45
2-Fluorobiphenyl
Concen: 70.929 ng
RT: 13.289 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG054265.D
Acq: 12 Jul 2022 21:11

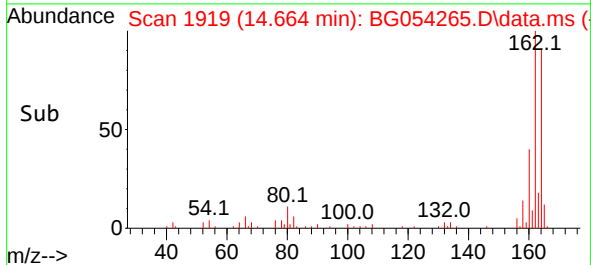
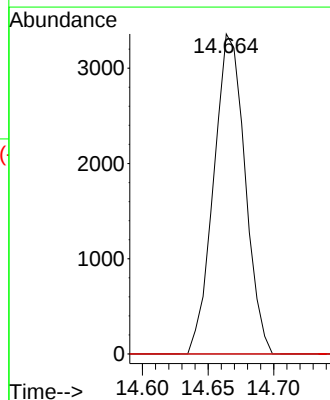
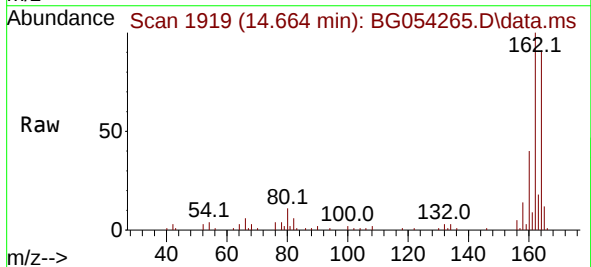
Instrument :
BNA_G
ClientSampleId :
20220496B-SIM/C2B-COMPOSITE

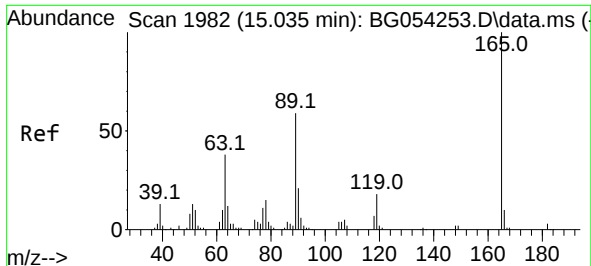
Tgt Ion:172 Resp: 204583
Ion Ratio Lower Upper
172 100
171 36.6 28.5 42.7
170 23.0 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 7.716 ng
RT: 14.664 min Scan# 1919
Delta R.T. 0.422 min
Lab File: BG054265.D
Acq: 12 Jul 2022 21:11

Tgt Ion:165 Resp: 5581
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#

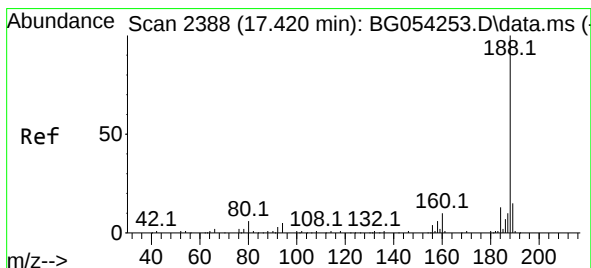
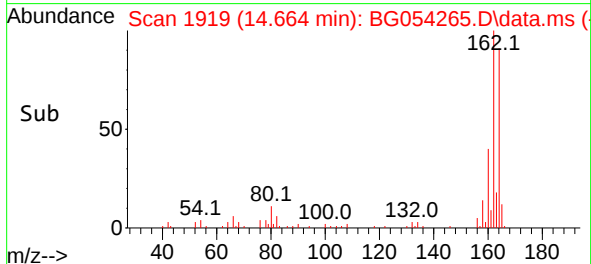
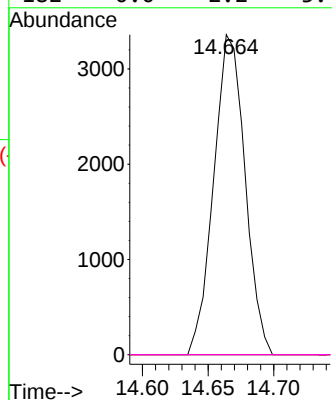
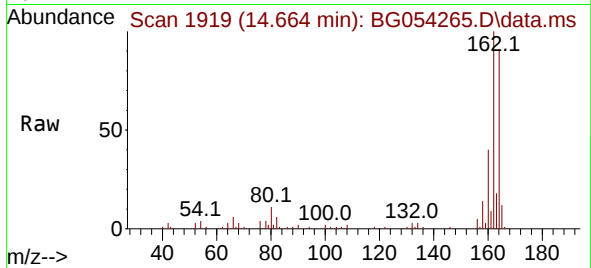




#57
2,4-Dinitrotoluene
Concen: 5.329 ng
RT: 14.664 min Scan# 1982
Delta R.T. -0.371 min
Lab File: BG054265.D
Acq: 12 Jul 2022 21:11

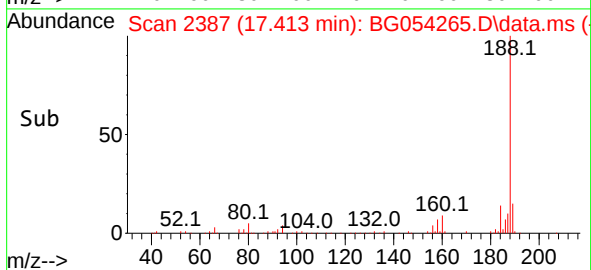
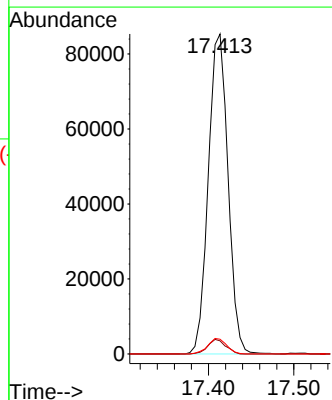
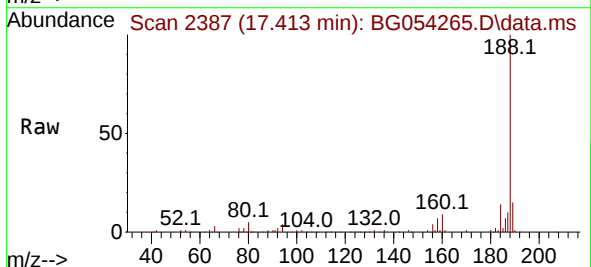
Instrument :
BNA_G
ClientSampleId :
20220496B-SIM/C2B-COMPOSITE

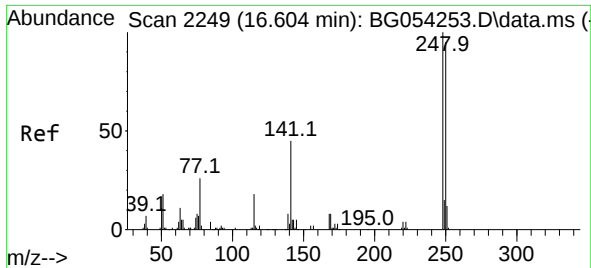
Tgt Ion:165 Resp: 5581
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.413 min Scan# 2387
Delta R.T. -0.007 min
Lab File: BG054265.D
Acq: 12 Jul 2022 21:11

Tgt Ion:188 Resp: 136894
Ion Ratio Lower Upper
188 100
94 4.1 5.4 8.0#
80 4.6 6.8 10.2#

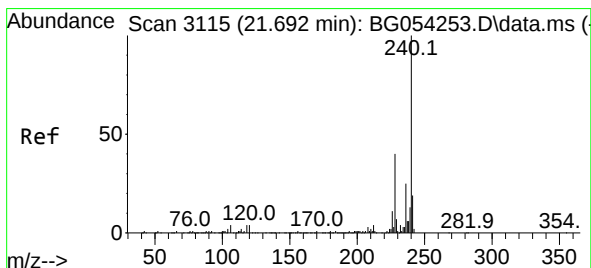
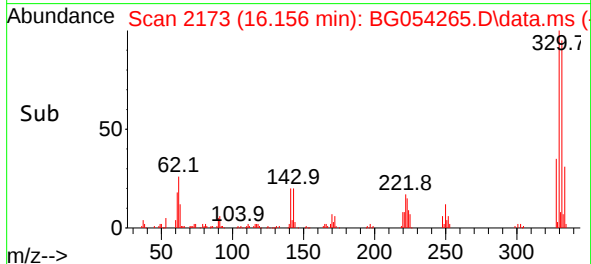
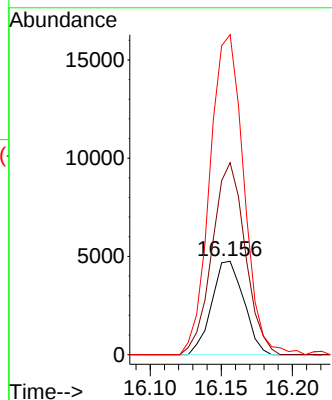
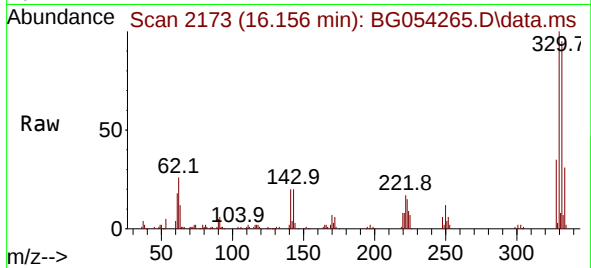




#67
4-Bromophenyl-phenylether
Concen: 4.086 ng
RT: 16.156 min Scan# 2114
Delta R.T. -0.448 min
Lab File: BG054265.D
Acq: 12 Jul 2022 21:11

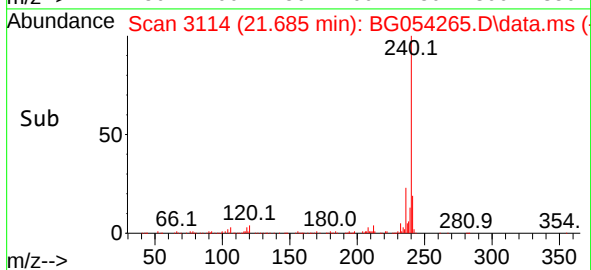
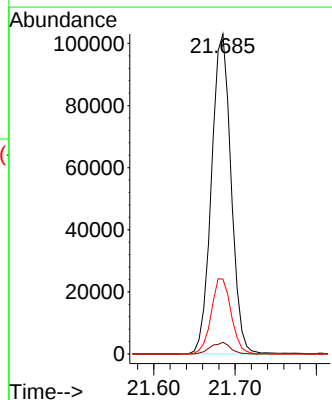
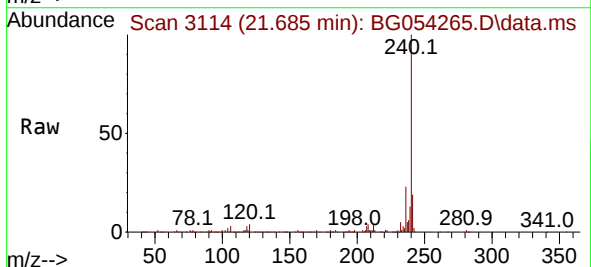
Instrument :
BNA_G
ClientSampleId :
20220496B-SIM/C2B-COMPOSITE

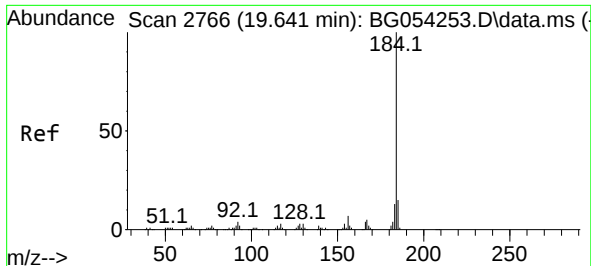
Tgt Ion:248 Resp: 7461
Ion Ratio Lower Upper
248 100
250 266.3 75.2 112.8#
141 342.5 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.685 min Scan# 3114
Delta R.T. -0.007 min
Lab File: BG054265.D
Acq: 12 Jul 2022 21:11

Tgt Ion:240 Resp: 172613
Ion Ratio Lower Upper
240 100
120 3.6 4.6 7.0#
236 23.4 20.2 30.4

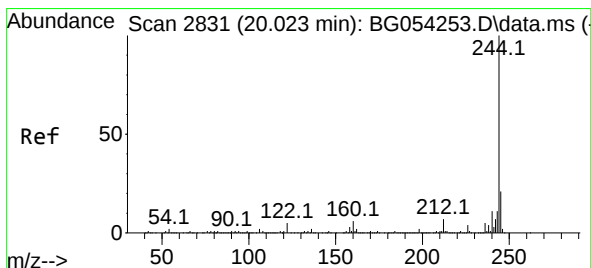
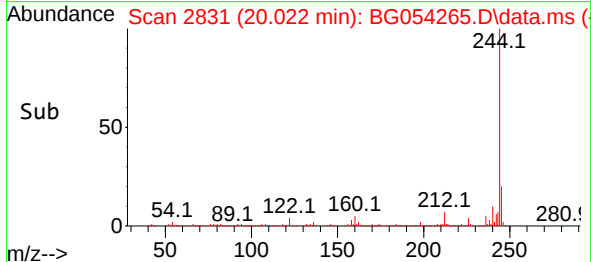
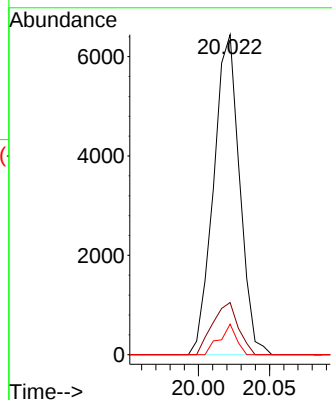
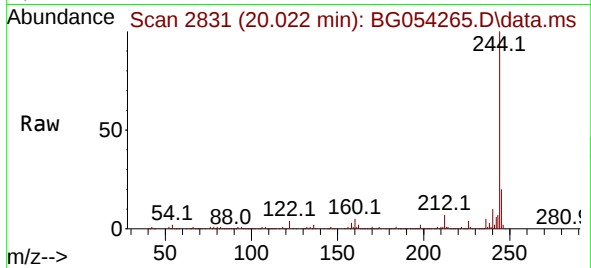




#77
Benzidine
Concen: 2.703 ng
RT: 20.022 min Scan# 21
Delta R.T. 0.381 min
Lab File: BG054265.D
Acq: 12 Jul 2022 21:11

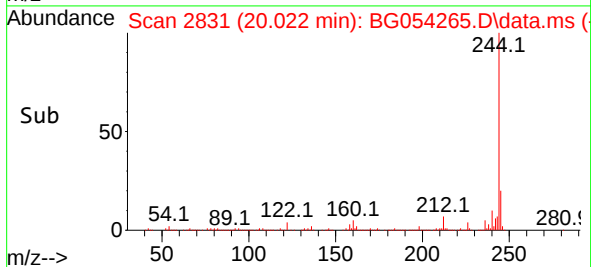
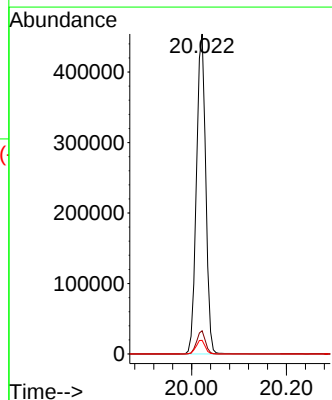
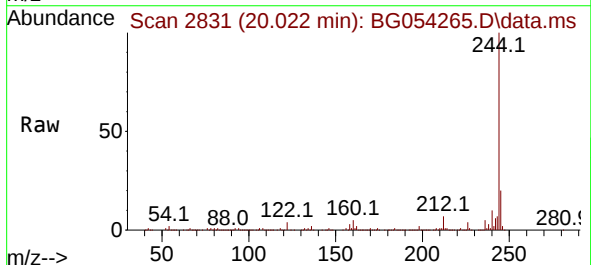
Instrument :
BNA_G
ClientSampleId :
20220496B-SIM/C2B-COMPOSITE

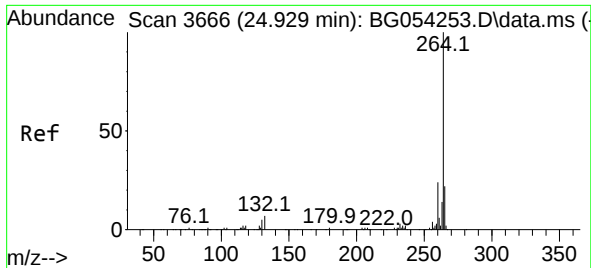
Tgt Ion:184 Resp: 8190
Ion Ratio Lower Upper
184 100
185 16.3 11.8 17.6
183 9.6 8.9 13.3



#79
Terphenyl-d14
Concen: 73.512 ng
RT: 20.022 min Scan# 2831
Delta R.T. -0.001 min
Lab File: BG054265.D
Acq: 12 Jul 2022 21:11

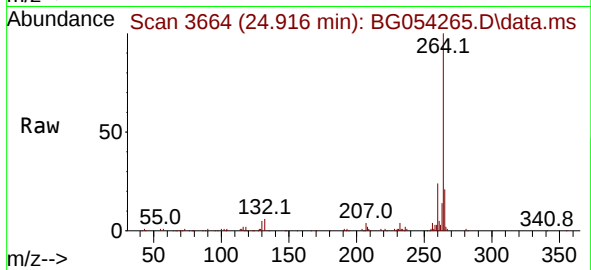
Tgt Ion:244 Resp: 617062
Ion Ratio Lower Upper
244 100
212 7.3 6.5 9.7
122 4.2 5.0 7.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.916 min Scan# 30
 Delta R.T. -0.013 min
 Lab File: BG054265.D
 Acq: 12 Jul 2022 21:11

Instrument :
 BNA_G
 ClientSampleId :
 20220496B-SIM/C2B-COMPOSITE



Tgt Ion:264 Resp: 178805
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.0 28.6
 265 20.9 17.4 26.2

