

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061522\
 Data File : BG053919.D
 Acq On : 15 Jun 2022 12:23
 Operator : CG/JU
 Sample : N3334-20
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-14A-1A-5

Quant Time: Jun 15 17:16:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 15:49:31 2022
 Response via : Initial Calibration

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

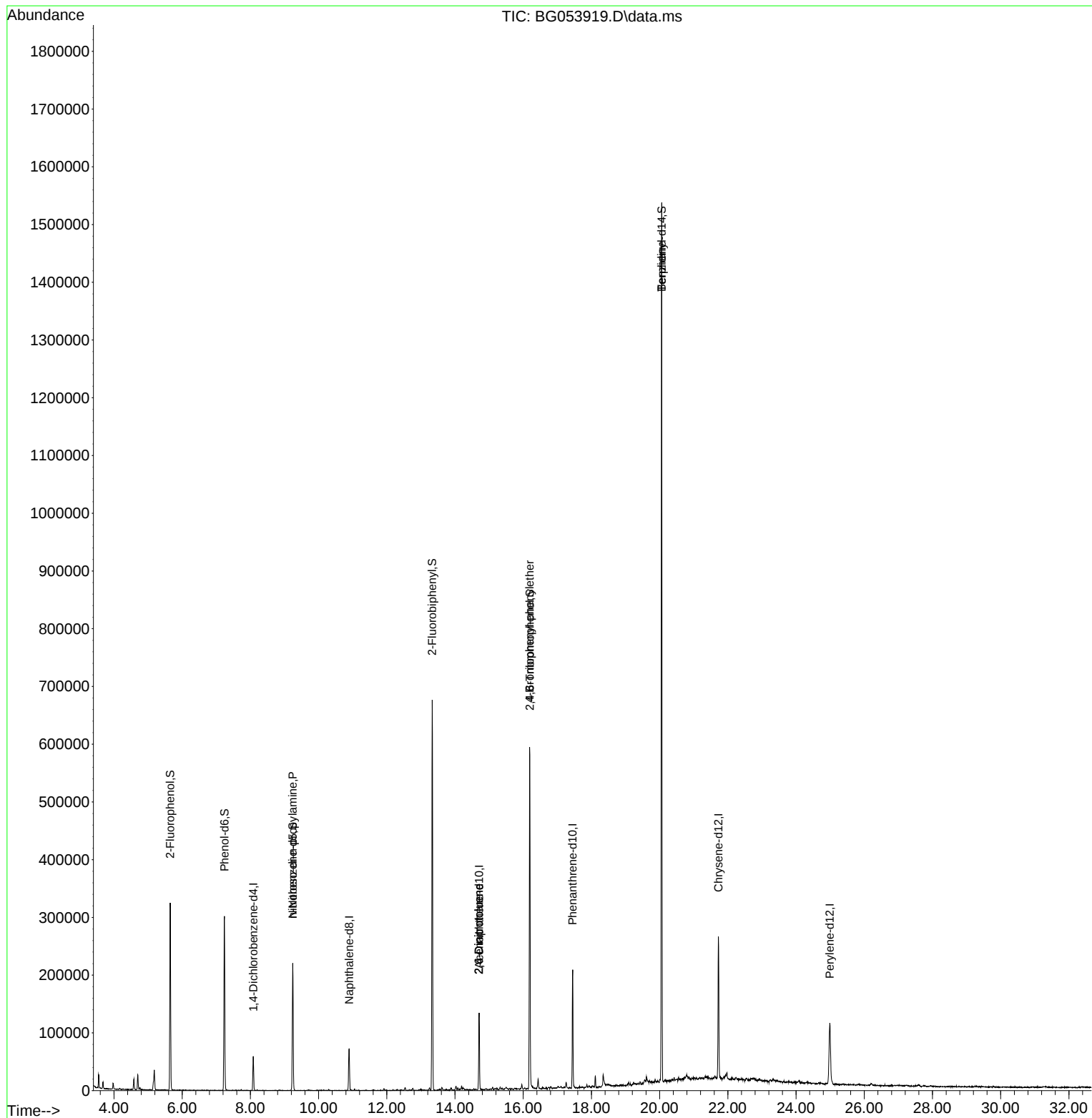
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.086	152	18514	20.000	ng	0.00
21) Naphthalene-d8	10.894	136	70160	20.000	ng	# 0.00
39) Acenaphthene-d10	14.707	164	53301	20.000	ng	0.00
64) Phenanthrene-d10	17.451	188	140837	20.000	ng	# 0.00
76) Chrysene-d12	21.723	240	174781	20.000	ng	# 0.00
86) Perylene-d12	24.989	264	118894	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.647	112	147267	152.080	ng	0.00
7) Phenol-d6	7.240	99	177891	135.418	ng	0.00
23) Nitrobenzene-d5	9.243	82	137293	109.968	ng	0.00
42) 2,4,6-Tribromophenol	16.194	330	159505	186.256	ng	0.00
45) 2-Fluorobiphenyl	13.332	172	390107	106.427	ng	0.00
79) Terphenyl-d14	20.060	244	885948	102.092	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.243	70	18748	21.243	ng	# 82
51) 2,6-Dinitrotoluene	14.701	165	7428	9.057	ng	# 16
57) 2,4-Dinitrotoluene	14.701	165	7428	6.413	ng	# 21
67) 4-Bromophenyl-phenylether	16.188	248	9492	5.396	ng	# 1
77) Benzidine	20.060	184	12407	3.428	ng	94

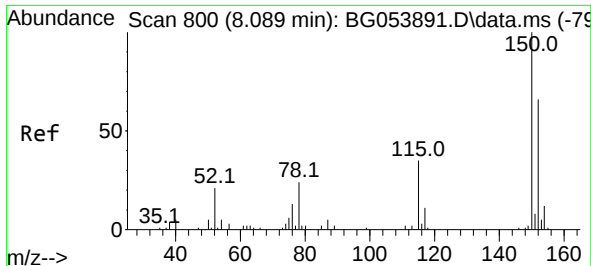
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061522\
Data File : BG053919.D
Acq On : 15 Jun 2022 12:23
Operator : CG/JU
Sample : N3334-20
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-14A-1A-5

Quant Time: Jun 15 17:16:53 2022
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 15:49:31 2022
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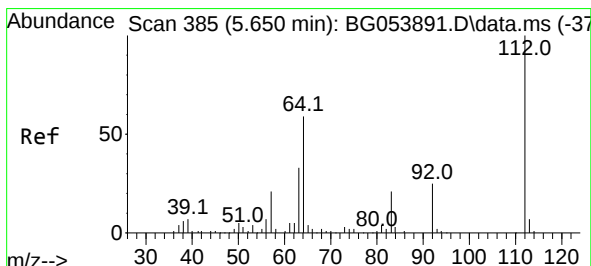
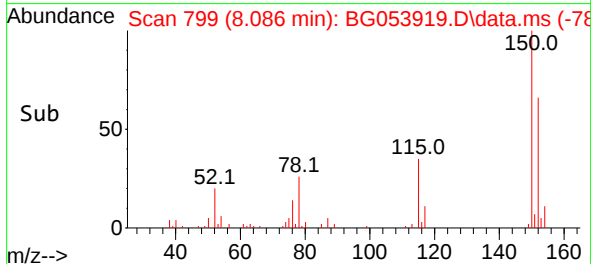
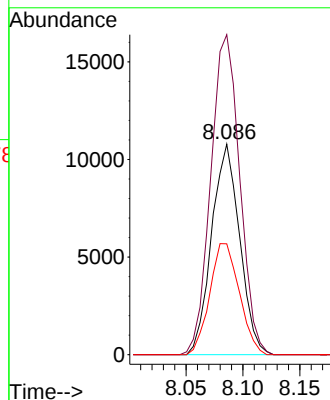
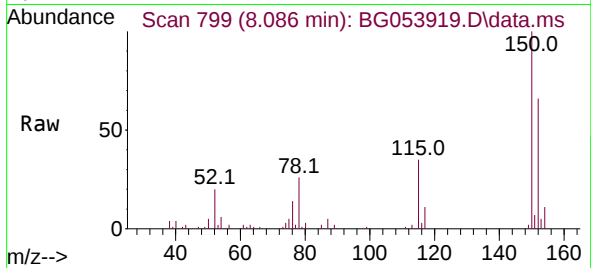




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.086 min Scan# 79
Delta R.T. -0.003 min
Lab File: BG053919.D
Acq: 15 Jun 2022 12:23

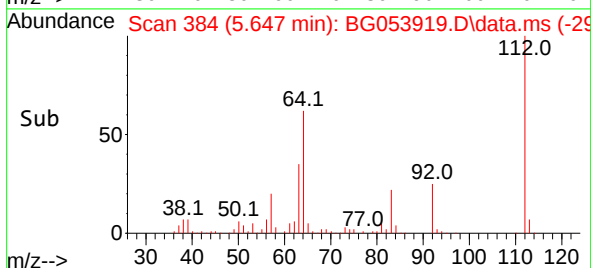
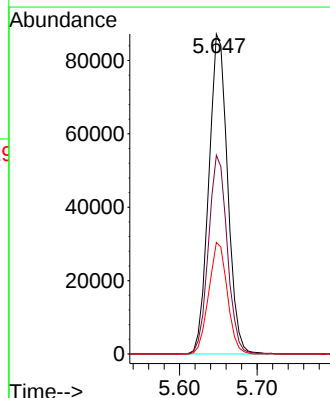
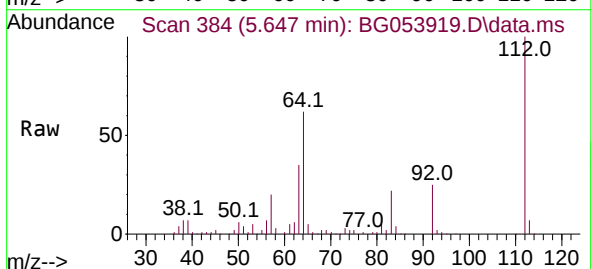
Instrument :
BNA_G
ClientSampleId :
WC-14A-1A-5

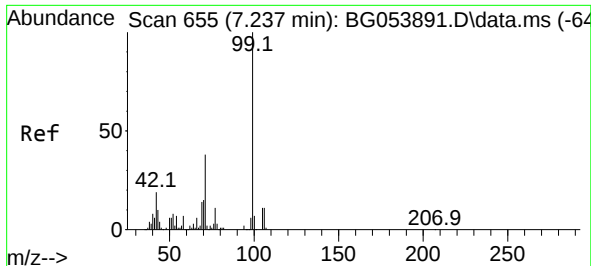
Tgt Ion:152 Resp: 18514
Ion Ratio Lower Upper
152 100
150 152.0 131.6 197.4
115 52.7 50.9 76.3



#5
2-Fluorophenol
Concen: 152.080 ng
RT: 5.647 min Scan# 384
Delta R.T. -0.003 min
Lab File: BG053919.D
Acq: 15 Jun 2022 12:23

Tgt Ion:112 Resp: 147267
Ion Ratio Lower Upper
112 100
64 62.1 55.1 82.7
63 34.9 30.4 45.6

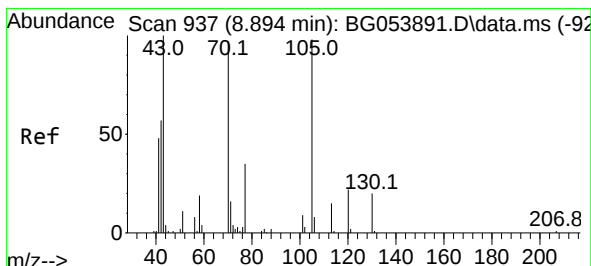
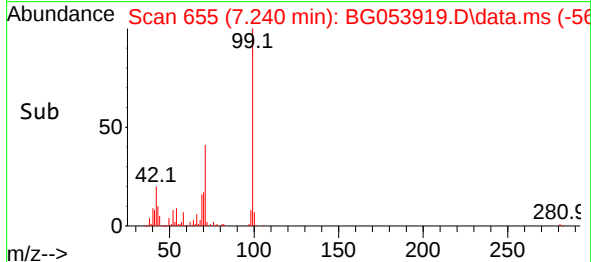
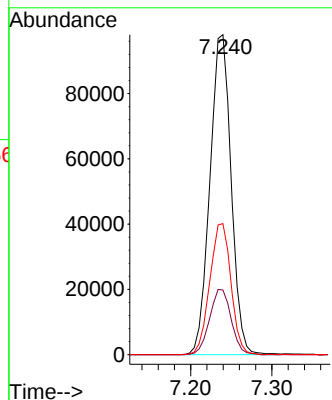
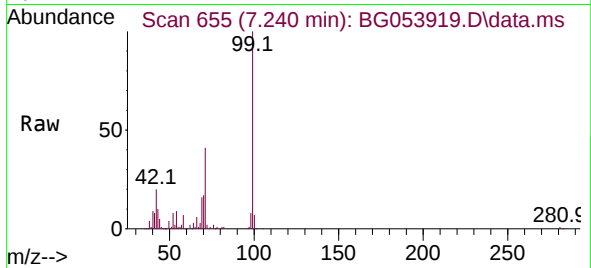




#7
Phenol-d6
Concen: 135.418 ng
RT: 7.240 min Scan# 611
Delta R.T. 0.003 min
Lab File: BG053919.D
Acq: 15 Jun 2022 12:23

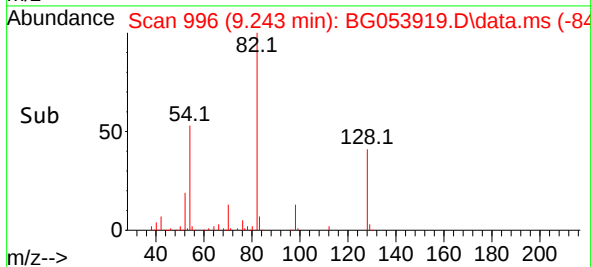
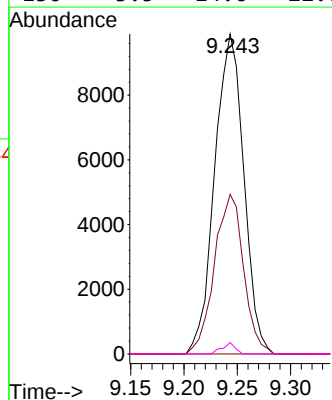
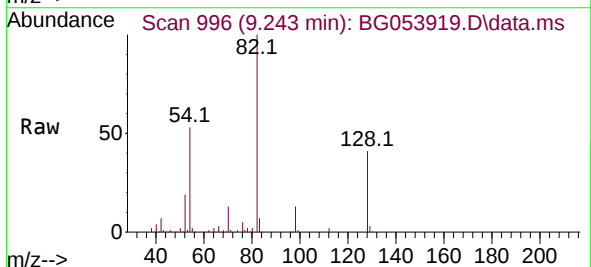
Instrument :
BNA_G
ClientSampleId :
WC-14A-1A-5

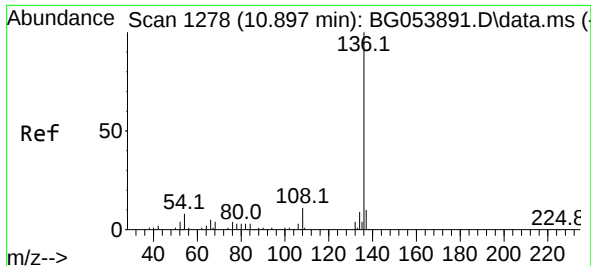
Tgt Ion: 99 Resp: 177891
Ion Ratio Lower Upper
99 100
42 20.2 17.0 25.6
71 40.9 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 21.243 ng
RT: 9.243 min Scan# 996
Delta R.T. 0.350 min
Lab File: BG053919.D
Acq: 15 Jun 2022 12:23

Tgt Ion: 70 Resp: 18748
Ion Ratio Lower Upper
70 100
42 49.8 47.3 70.9
101 0.0 7.0 10.4#
130 3.5 14.6 22.0#

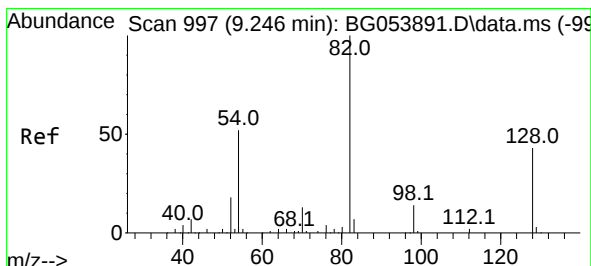
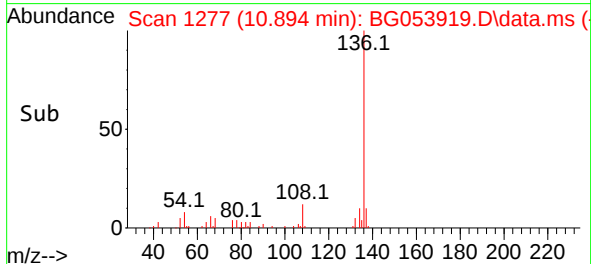
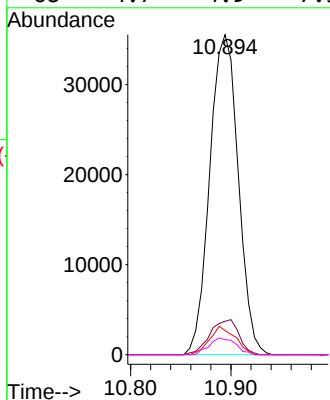
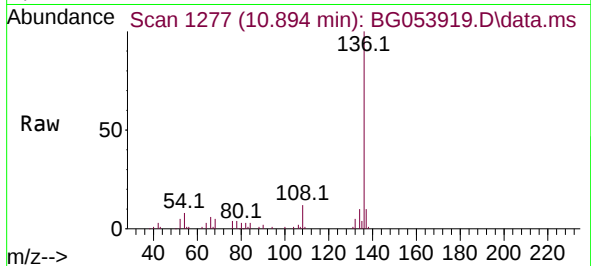




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.894 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG053919.D
Acq: 15 Jun 2022 12:23

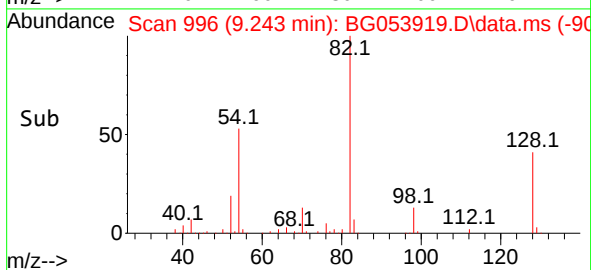
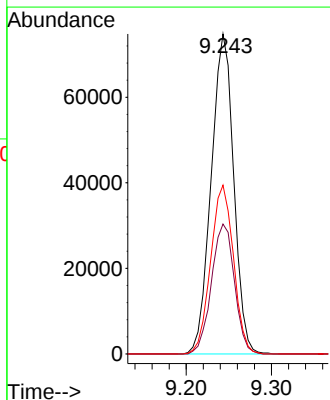
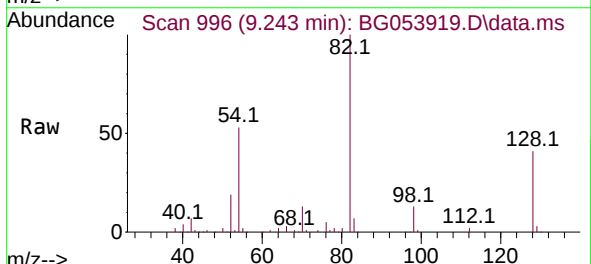
Instrument :
BNA_G
ClientSampleId :
WC-14A-1A-5

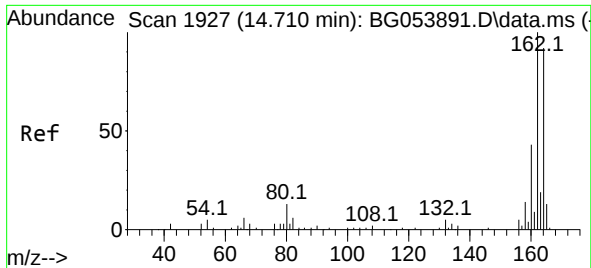
Tgt Ion:	136	Resp:	70160
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.5	12.7
54	7.5	7.4	11.2
68	4.7	4.9	7.3



#23
Nitrobenzene-d5
Concen: 109.968 ng
RT: 9.243 min Scan# 996
Delta R.T. -0.003 min
Lab File: BG053919.D
Acq: 15 Jun 2022 12:23

Tgt Ion:	82	Resp:	137293
Ion	Ratio	Lower	Upper
82	100		
128	40.6	27.9	41.9
54	52.7	41.2	61.8

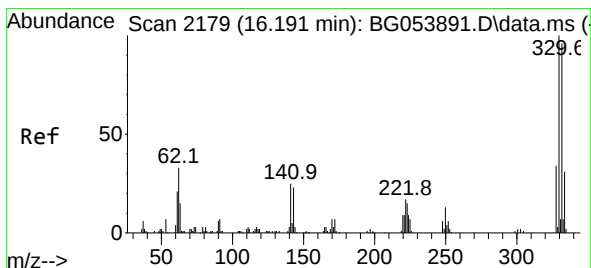
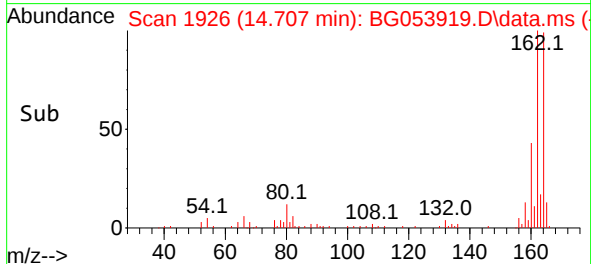
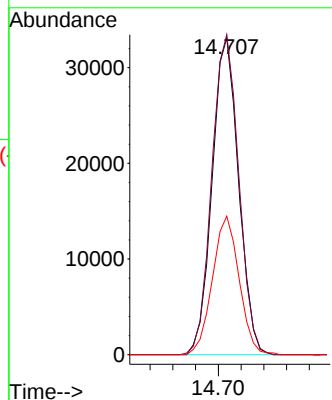
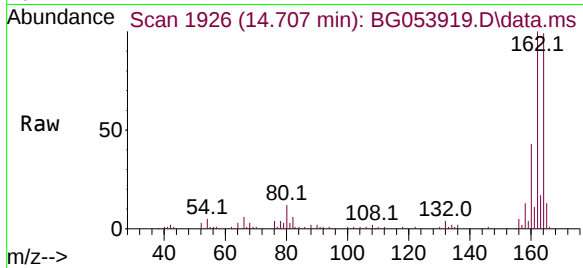




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.707 min Scan# 1926
Delta R.T. -0.003 min
Lab File: BG053919.D
Acq: 15 Jun 2022 12:23

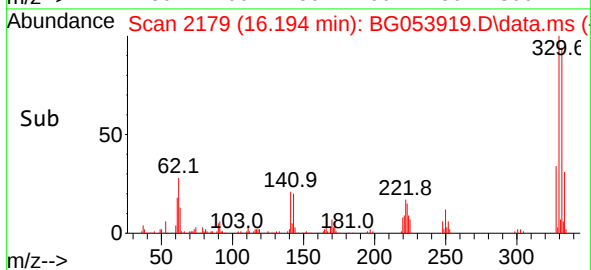
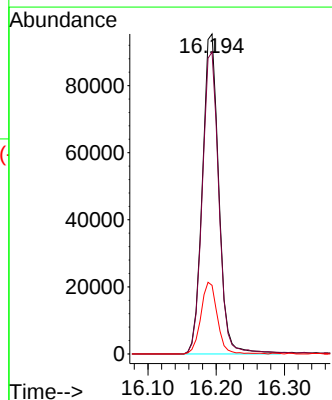
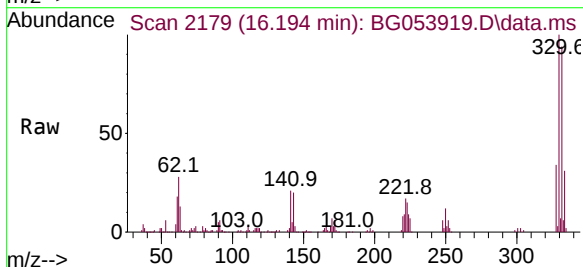
Instrument :
BNA_G
ClientSampleId :
WC-14A-1A-5

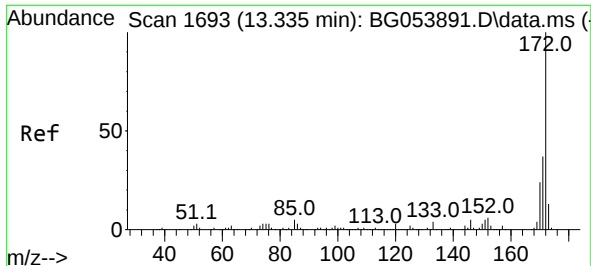
Tgt Ion:164 Resp: 53301
Ion Ratio Lower Upper
164 100
162 101.0 82.3 123.5
160 43.7 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 186.256 ng
RT: 16.194 min Scan# 2179
Delta R.T. 0.003 min
Lab File: BG053919.D
Acq: 15 Jun 2022 12:23

Tgt Ion:330 Resp: 159505
Ion Ratio Lower Upper
330 100
332 95.8 76.0 114.0
141 22.5 27.1 40.7#

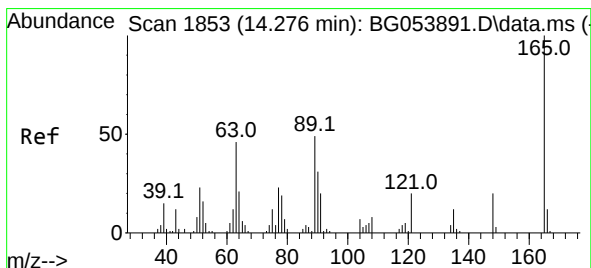
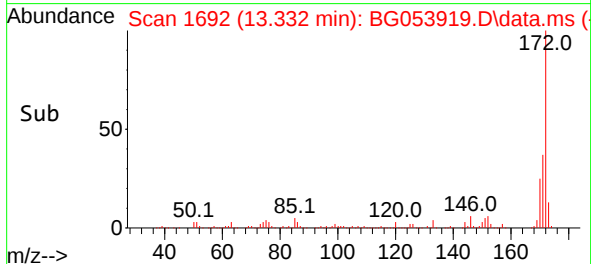
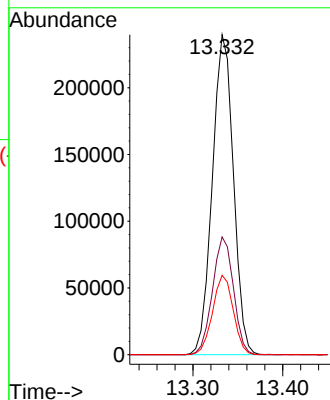
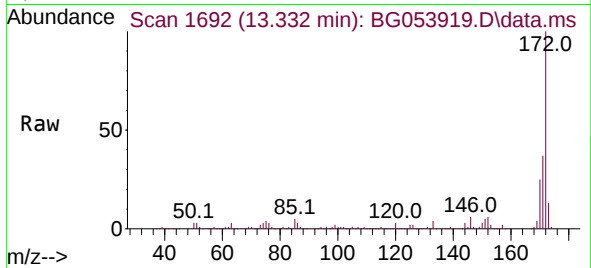




#45
2-Fluorobiphenyl
Concen: 106.427 ng
RT: 13.332 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG053919.D
Acq: 15 Jun 2022 12:23

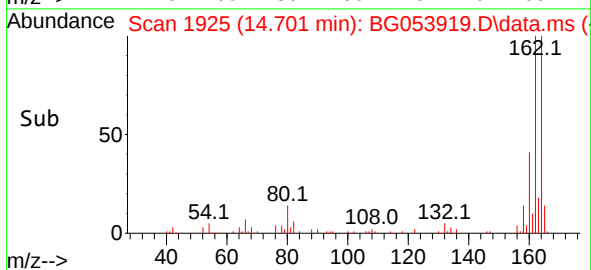
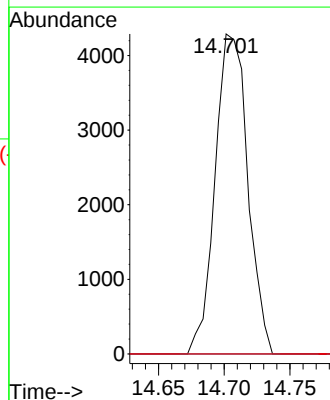
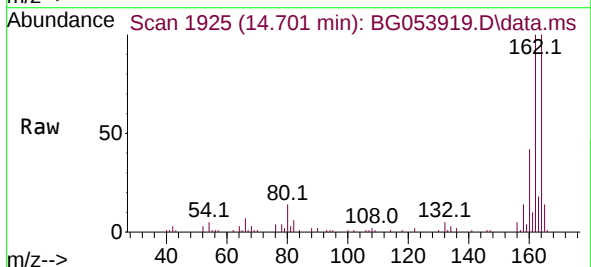
Instrument :
BNA_G
ClientSampleId :
WC-14A-1A-5

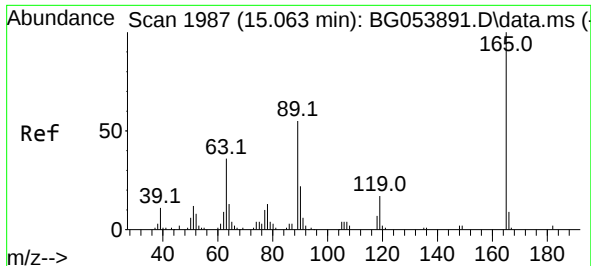
Tgt Ion:172 Resp: 390107
Ion Ratio Lower Upper
172 100
171 36.8 28.5 42.7
170 24.8 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 9.057 ng
RT: 14.701 min Scan# 1925
Delta R.T. 0.426 min
Lab File: BG053919.D
Acq: 15 Jun 2022 12:23

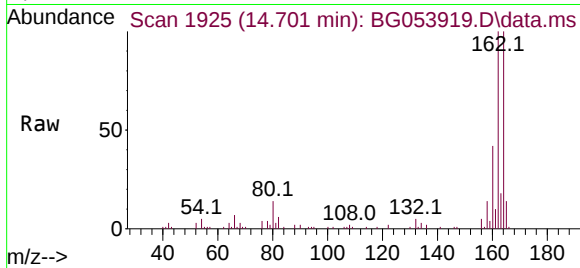
Tgt Ion:165 Resp: 7428
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#



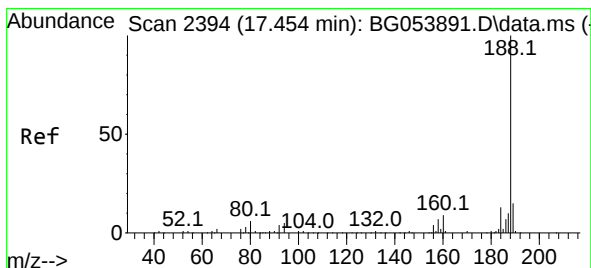
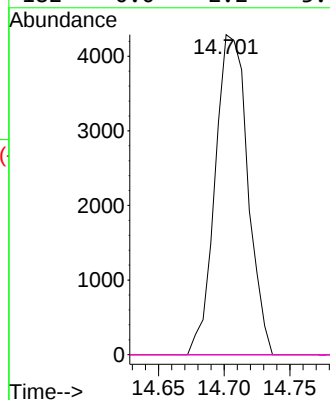
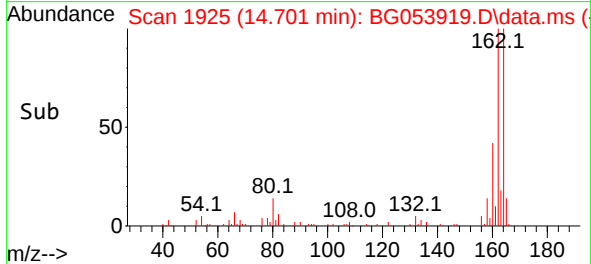


#57
2,4-Dinitrotoluene
Concen: 6.413 ng
RT: 14.701 min Scan# 1987
Delta R.T. -0.361 min
Lab File: BG053919.D
Acq: 15 Jun 2022 12:23

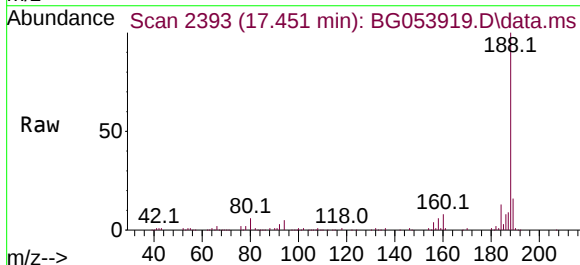
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BNA_G
ClientSampleId :
WC-14A-1A-5



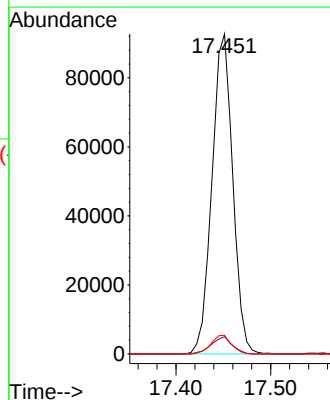
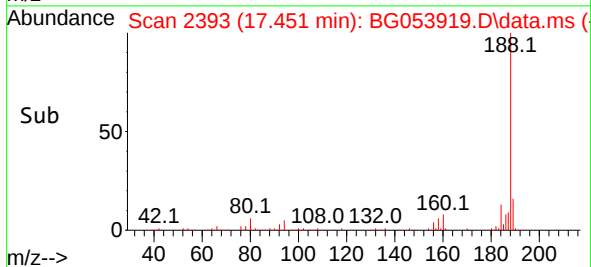
Tgt Ion:165 Resp: 7428
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#

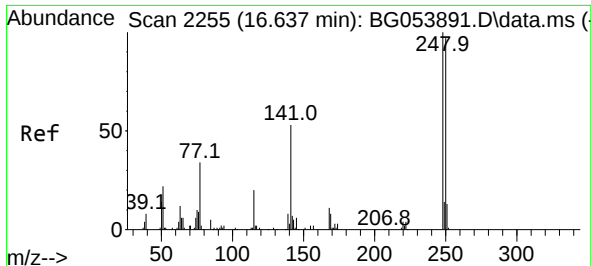


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.451 min Scan# 2393
Delta R.T. -0.003 min
Lab File: BG053919.D
Acq: 15 Jun 2022 12:23



Tgt Ion:188 Resp: 140837
Ion Ratio Lower Upper
188 100
94 5.4 5.4 8.0
80 5.8 6.8 10.2#

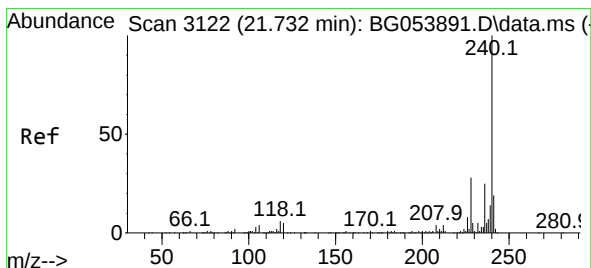
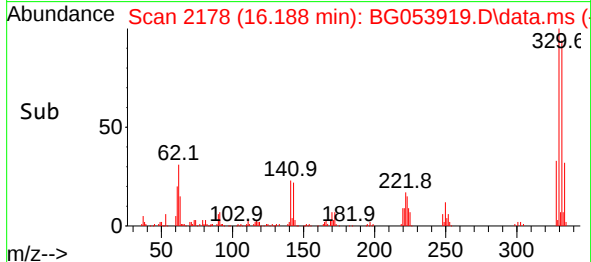
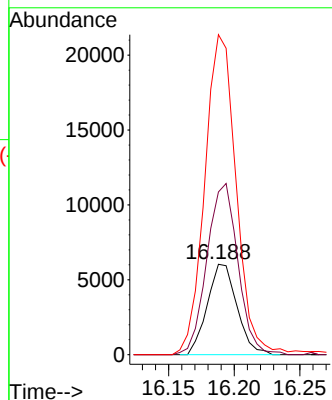
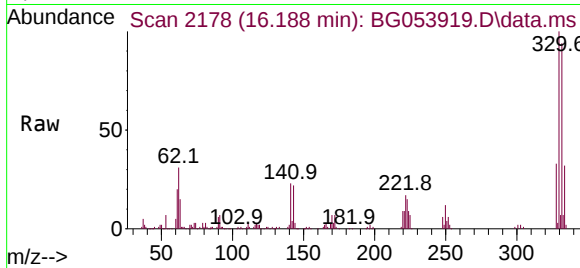




#67
4-Bromophenyl-phenylether
Concen: 5.396 ng
RT: 16.188 min Scan# 2178
Delta R.T. -0.450 min
Lab File: BG053919.D
Acq: 15 Jun 2022 12:23

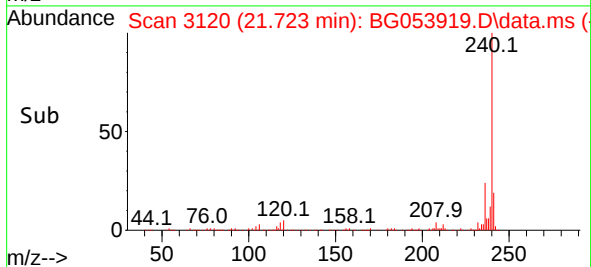
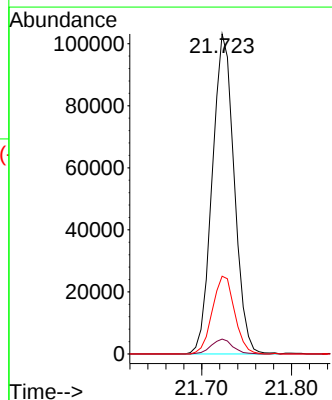
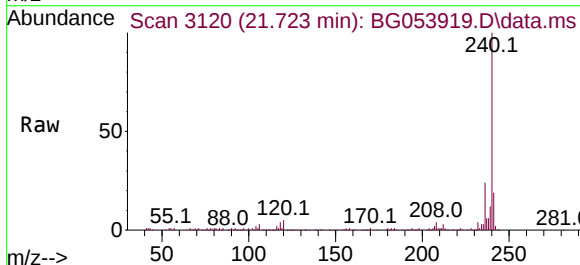
Instrument :
BNA_G
ClientSampleId :
WC-14A-1A-5

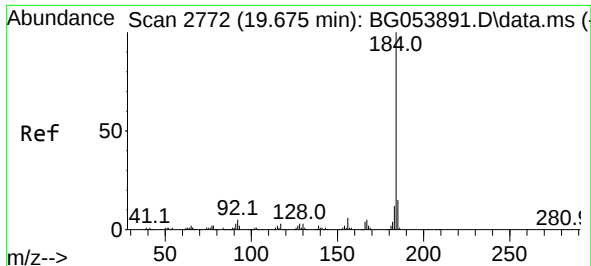
Tgt Ion:248 Resp: 9492
Ion Ratio Lower Upper
248 100
250 234.7 75.2 112.8#
141 353.8 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.723 min Scan# 3120
Delta R.T. -0.009 min
Lab File: BG053919.D
Acq: 15 Jun 2022 12:23

Tgt Ion:240 Resp: 174781
Ion Ratio Lower Upper
240 100
120 4.6 4.6 7.0#
236 24.3 20.2 30.4

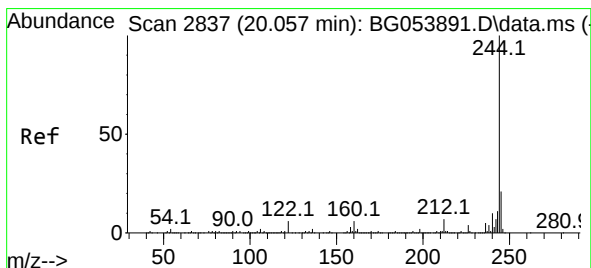
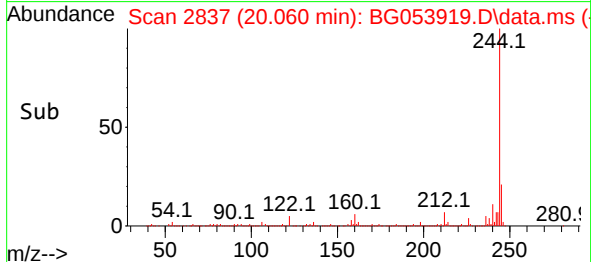
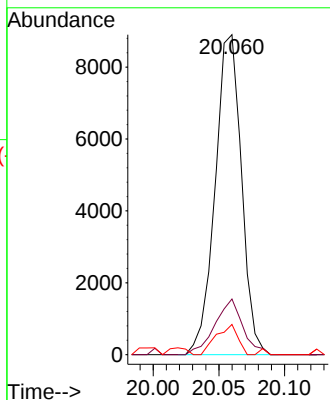
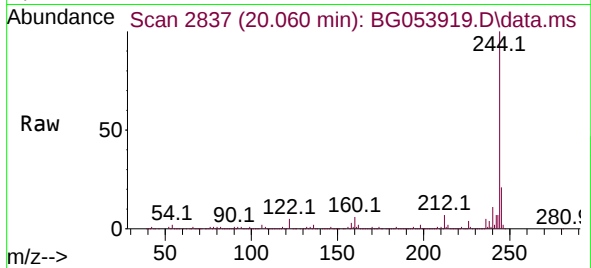




#77
Benzidine
Concen: 3.428 ng
RT: 20.060 min Scan# 2837
Delta R.T. 0.385 min
Lab File: BG053919.D
Acq: 15 Jun 2022 12:23

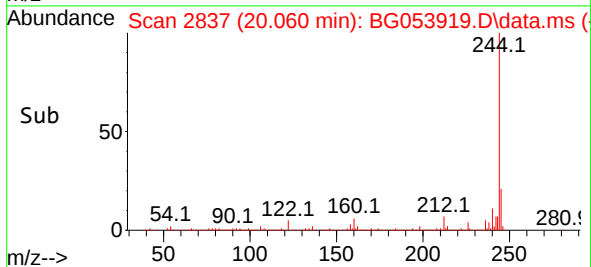
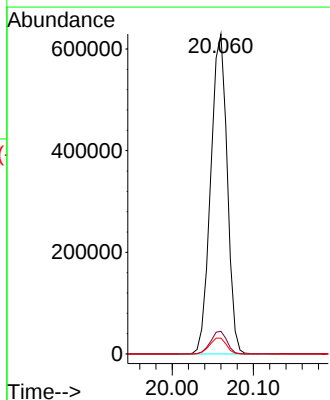
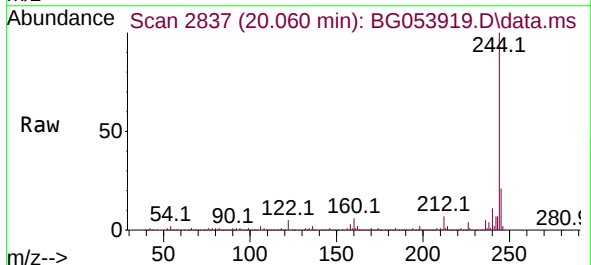
Instrument :
BNA_G
ClientSampleId :
WC-14A-1A-5

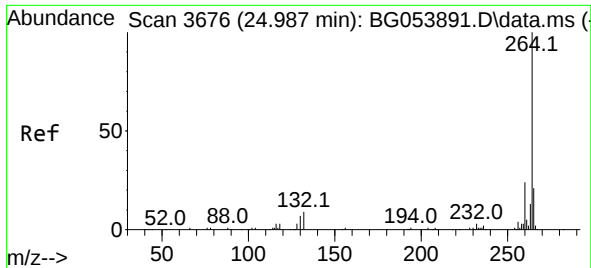
Tgt Ion:184 Resp: 12407
Ion Ratio Lower Upper
184 100
185 17.4 11.8 17.6
183 9.4 8.9 13.3



#79
Terphenyl-d14
Concen: 102.092 ng
RT: 20.060 min Scan# 2837
Delta R.T. 0.003 min
Lab File: BG053919.D
Acq: 15 Jun 2022 12:23

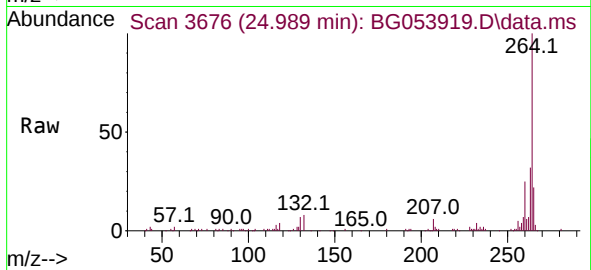
Tgt Ion:244 Resp: 885948
Ion Ratio Lower Upper
244 100
212 7.1 6.5 9.7
122 5.0 5.0 7.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.989 min Scan# 30
Delta R.T. 0.003 min
Lab File: BG053919.D
Acq: 15 Jun 2022 12:23

Instrument :
BNA_G
ClientSampleId :
WC-14A-1A-5



Tgt Ion:264 Resp: 118894
Ion Ratio Lower Upper
264 100
260 24.6 19.0 28.6
265 22.3 17.4 26.2

