

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061422\
 Data File : BG053913.D
 Acq On : 14 Jun 2022 22:43
 Operator : CG/JU
 Sample : N3234-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RB-21499

Quant Time: Jun 15 03:05:40 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)

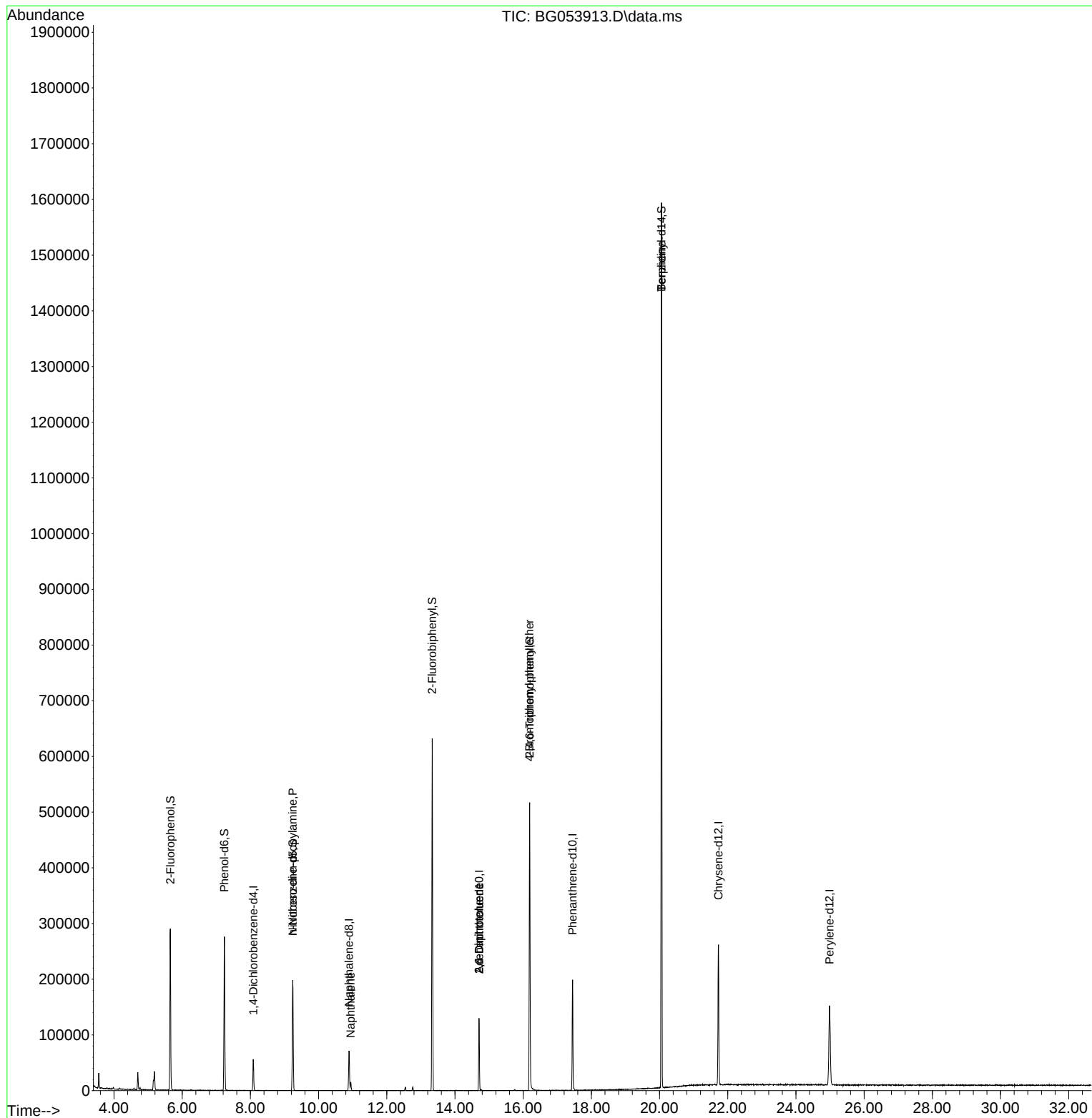
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.085	152	17661	20.000	ng	0.00
21) Naphthalene-d8	10.893	136	66500	20.000	ng	0.00
39) Acenaphthene-d10	14.706	164	51333	20.000	ng	0.00
64) Phenanthrene-d10	17.450	188	141900	20.000	ng	# 0.00
76) Chrysene-d12	21.727	240	182560	20.000	ng	0.00
86) Perylene-d12	24.982	264	184360	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.652	112	133922	144.979	ng	0.00
7) Phenol-d6	7.238	99	161868	129.172	ng	0.00
23) Nitrobenzene-d5	9.242	82	126785	107.140	ng	0.00
42) 2,4,6-Tribromophenol	16.193	330	143534	174.032	ng	0.00
45) 2-Fluorobiphenyl	13.331	172	365150	103.438	ng	0.00
79) Terphenyl-d14	20.059	244	927155	102.288	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.242	70	17321	20.574	ng	# 79
31) Naphthalene	10.940	128	14153	4.216	ng	98
51) 2,6-Dinitrotoluene	14.706	165	6707	8.491	ng	# 16
57) 2,4-Dinitrotoluene	14.706	165	6707	6.012	ng	# 21
67) 4-Bromophenyl-phenylether	16.187	248	8477	4.783	ng	# 1
77) Benzidine	20.059	184	11738	3.105	ng	# 97

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

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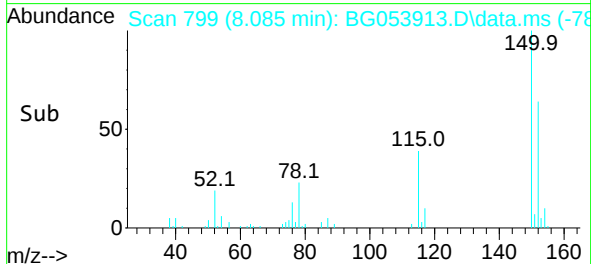
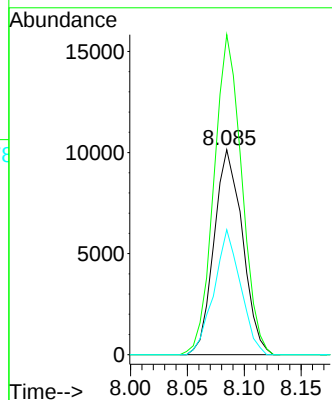
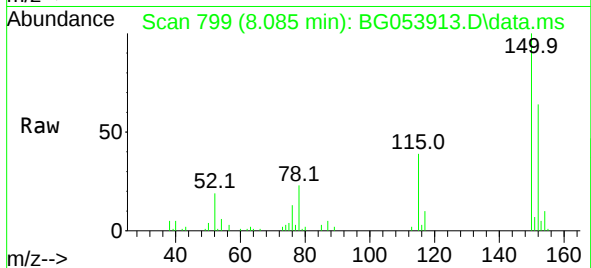




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.085 min Scan# 79
Delta R.T. -0.005 min
Lab File: BG053913.D
Acq: 14 Jun 2022 22:43

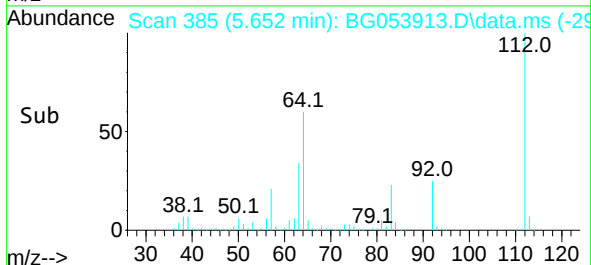
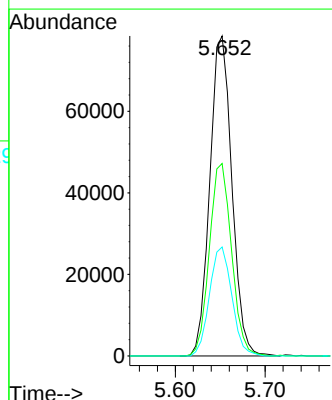
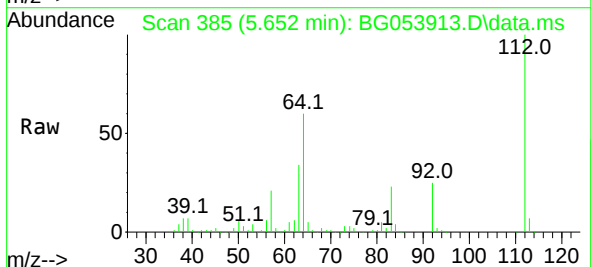
Instrument :
BNA_G
ClientSampleId :
RB-21499

Tgt Ion:152 Resp: 17661
Ion Ratio Lower Upper
152 100
150 156.1 131.6 197.4
115 61.0 50.9 76.3



#5
2-Fluorophenol
Concen: 144.979 ng
RT: 5.652 min Scan# 385
Delta R.T. 0.002 min
Lab File: BG053913.D
Acq: 14 Jun 2022 22:43

Tgt Ion:112 Resp: 133922
Ion Ratio Lower Upper
112 100
64 60.2 55.1 82.7
63 34.1 30.4 45.6

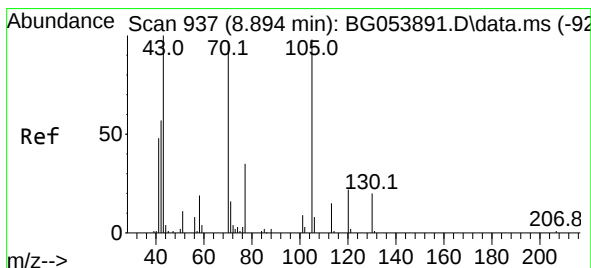
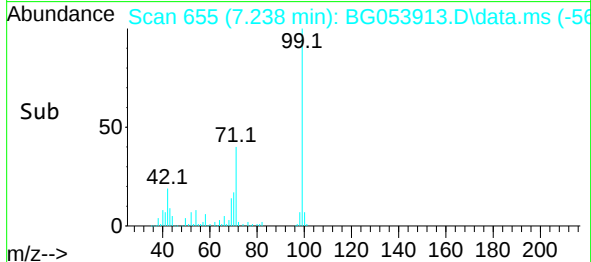
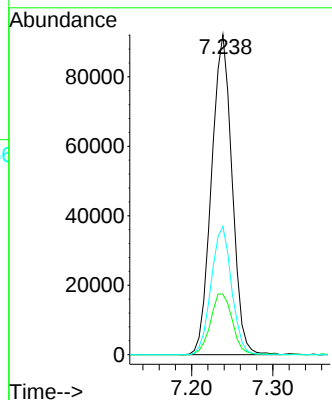
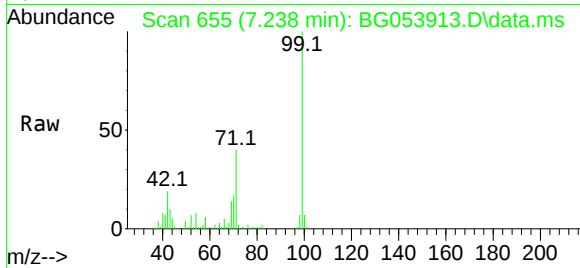




#7
Phenol-d6
Concen: 129.172 ng
RT: 7.238 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG053913.D
Acq: 14 Jun 2022 22:43

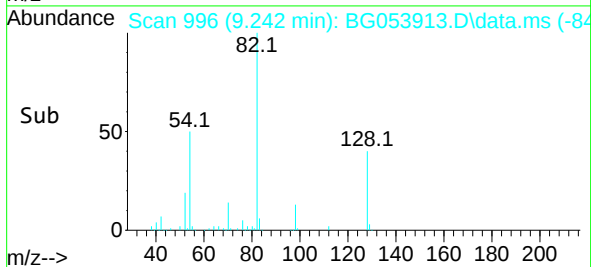
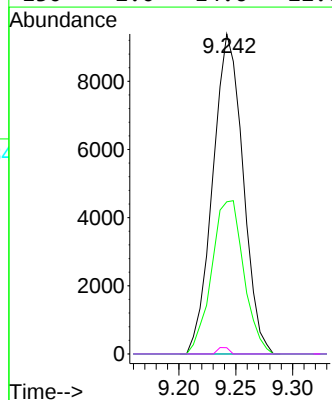
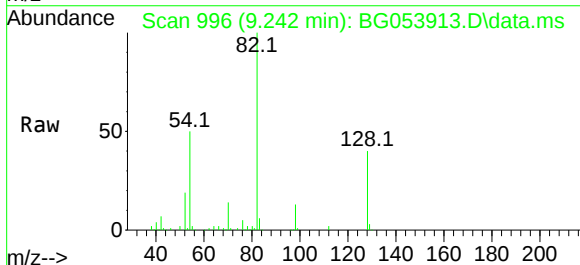
Instrument :
BNA_G
ClientSampleId :
RB-21499

Tgt Ion: 99 Resp: 161868
Ion Ratio Lower Upper
99 100
42 18.9 17.0 25.6
71 40.0 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 20.574 ng
RT: 9.242 min Scan# 996
Delta R.T. 0.348 min
Lab File: BG053913.D
Acq: 14 Jun 2022 22:43

Tgt Ion: 70 Resp: 17321
Ion Ratio Lower Upper
70 100
42 47.6 47.3 70.9
101 0.0 7.0 10.4#
130 2.0 14.6 22.0#

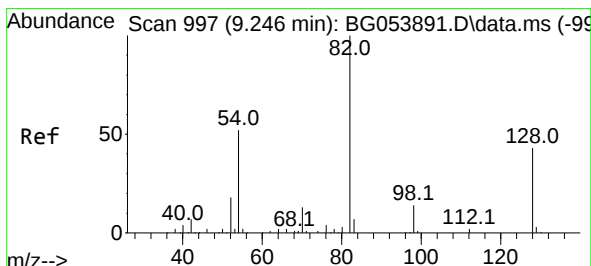
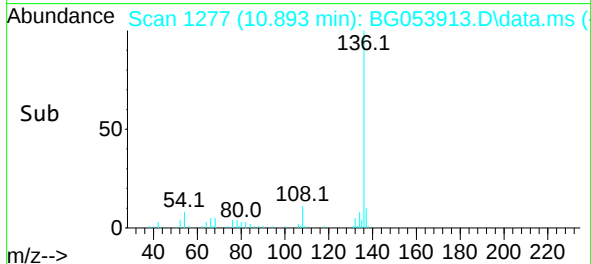
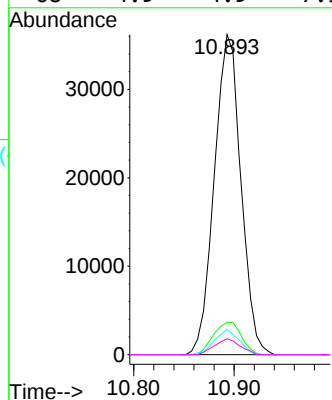
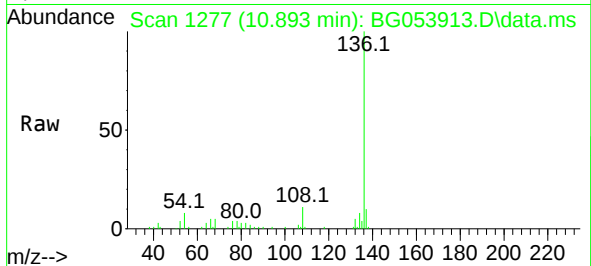




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.893 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG053913.D
Acq: 14 Jun 2022 22:43

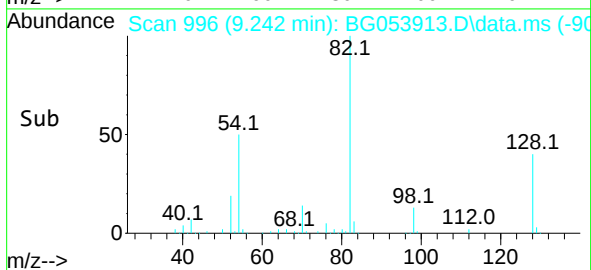
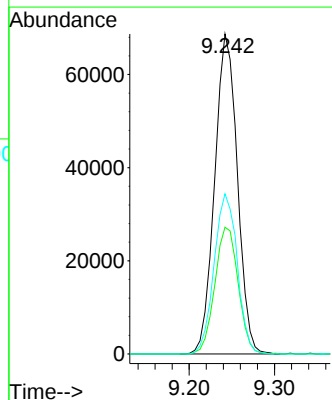
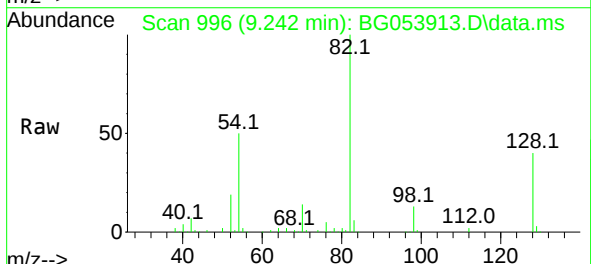
Instrument :
BNA_G
ClientSampleId :
RB-21499

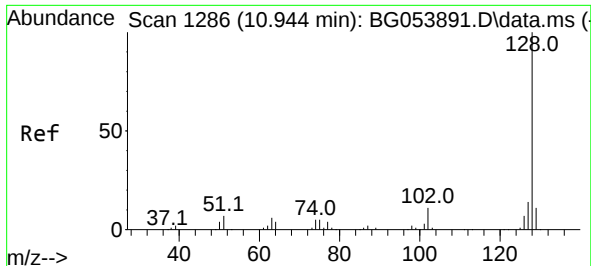
Tgt Ion:	136	Resp:	66500
Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.5	12.7
54	7.9	7.4	11.2
68	4.9	4.9	7.3



#23
Nitrobenzene-d5
Concen: 107.140 ng
RT: 9.242 min Scan# 996
Delta R.T. -0.004 min
Lab File: BG053913.D
Acq: 14 Jun 2022 22:43

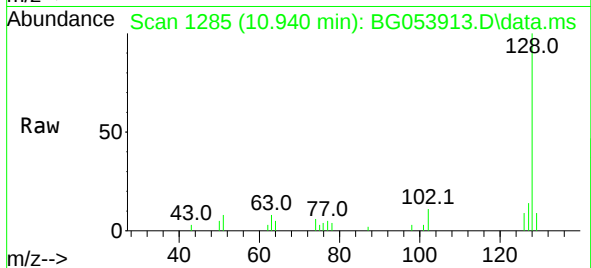
Tgt Ion:	82	Resp:	126785
Ion	Ratio	Lower	Upper
82	100		
128	39.6	27.9	41.9
54	50.1	41.2	61.8



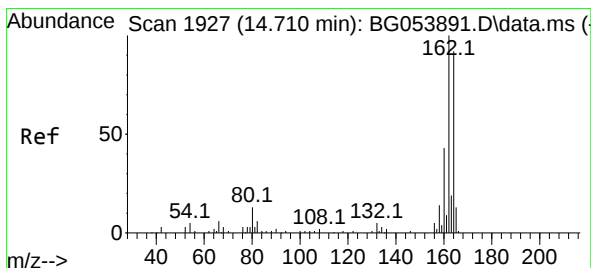
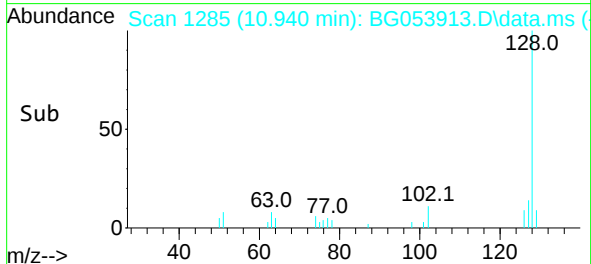
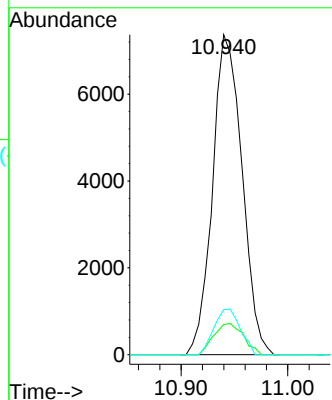


#31
Naphthalene
Concen: 4.216 ng
RT: 10.940 min Scan# 1286
Delta R.T. -0.004 min
Lab File: BG053913.D
Acq: 14 Jun 2022 22:43

Instrument :
BNA_G
ClientSampleId :
RB-21499

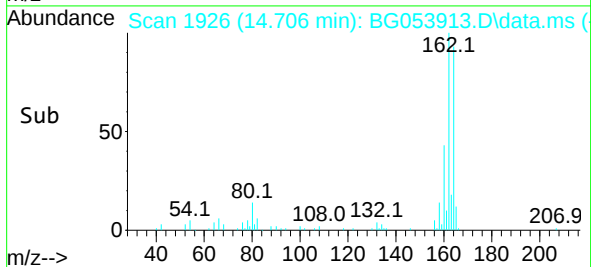
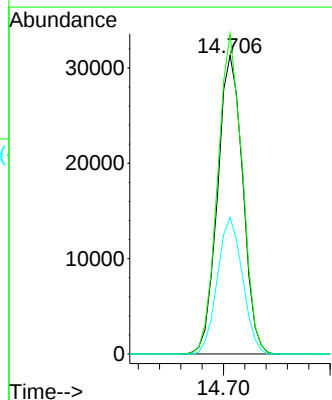
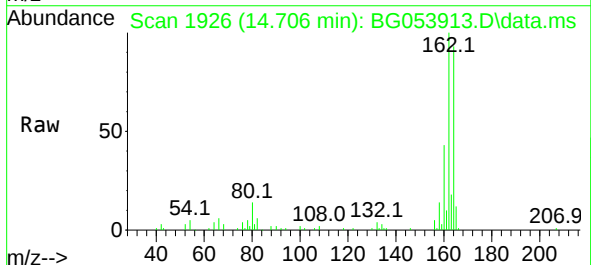


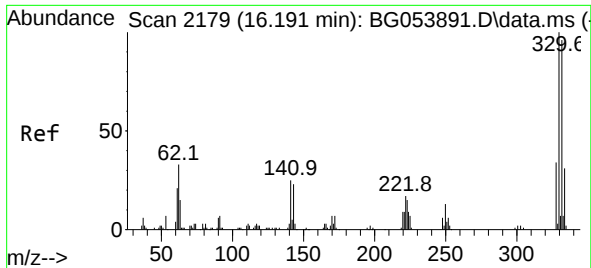
Tgt Ion:128 Resp: 14153
Ion Ratio Lower Upper
128 100
129 9.4 9.0 13.6
127 14.1 11.1 16.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.706 min Scan# 1926
Delta R.T. -0.004 min
Lab File: BG053913.D
Acq: 14 Jun 2022 22:43

Tgt Ion:164 Resp: 51333
Ion Ratio Lower Upper
164 100
162 107.2 82.3 123.5
160 45.8 34.2 51.2

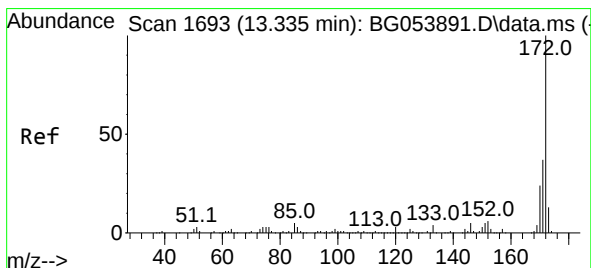
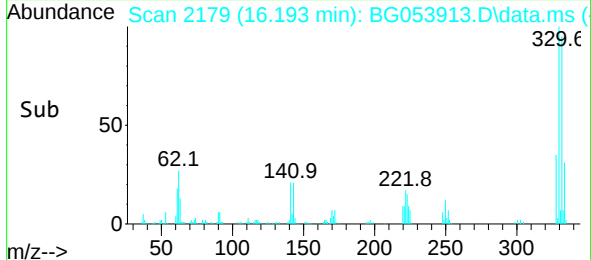
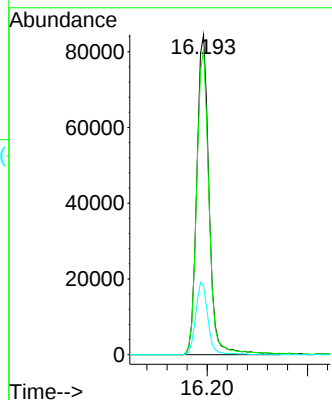
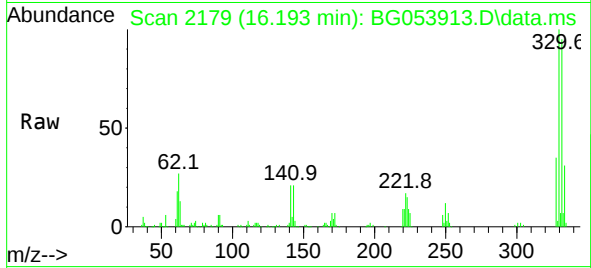




#42
2,4,6-Tribromophenol
Concen: 174.032 ng
RT: 16.193 min Scan# 2179
Delta R.T. 0.002 min
Lab File: BG053913.D
Acq: 14 Jun 2022 22:43

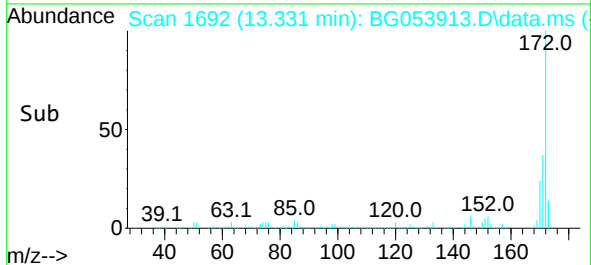
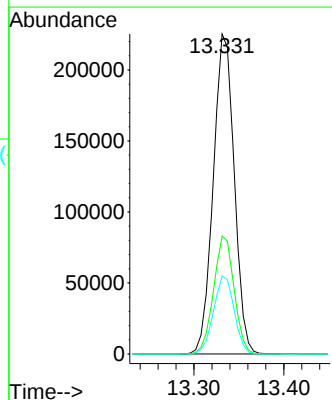
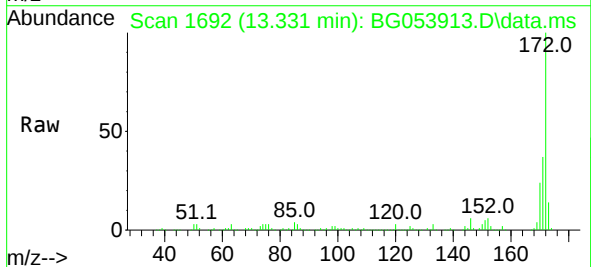
Instrument :
BNA_G
ClientSampleId :
RB-21499

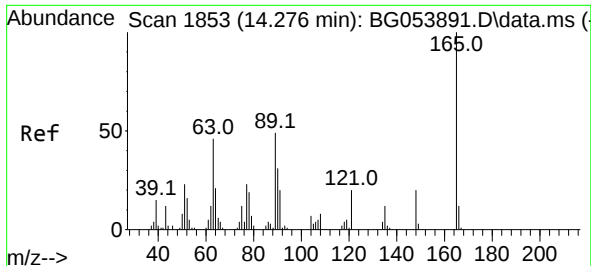
Tgt Ion:330 Resp: 143534
Ion Ratio Lower Upper
330 100
332 95.9 76.0 114.0
141 22.4 27.1 40.7#



#45
2-Fluorobiphenyl
Concen: 103.438 ng
RT: 13.331 min Scan# 1692
Delta R.T. -0.004 min
Lab File: BG053913.D
Acq: 14 Jun 2022 22:43

Tgt Ion:172 Resp: 365150
Ion Ratio Lower Upper
172 100
171 36.9 28.5 42.7
170 24.4 18.9 28.3

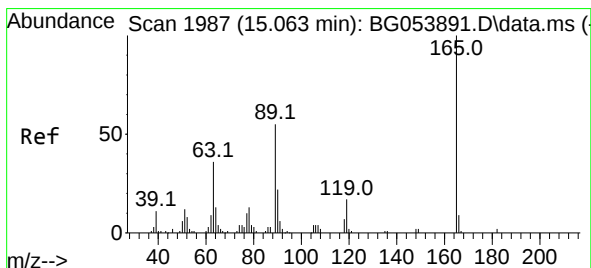
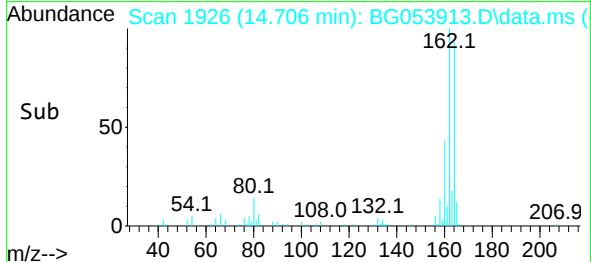
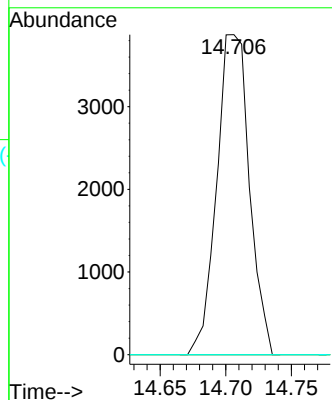
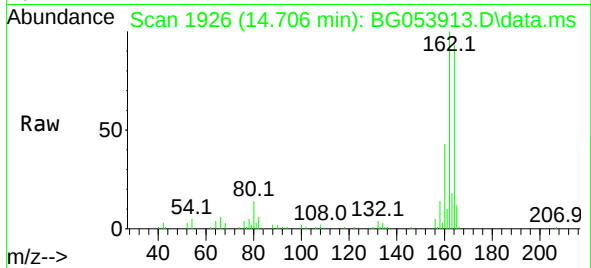




#51
2,6-Dinitrotoluene
Concen: 8.491 ng
RT: 14.706 min Scan# 1926
Delta R.T. 0.431 min
Lab File: BG053913.D
Acq: 14 Jun 2022 22:43

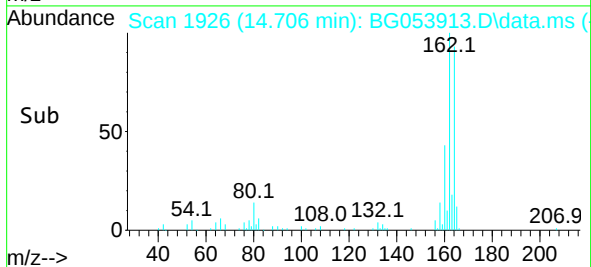
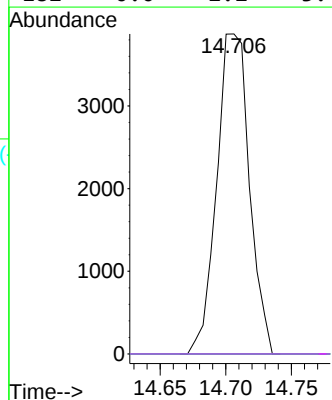
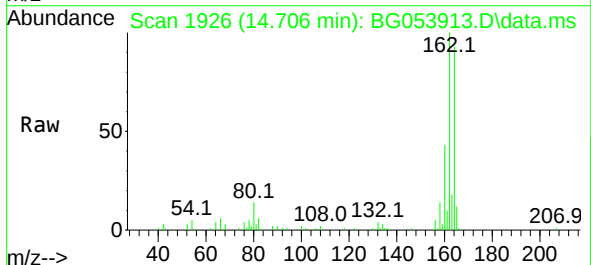
Instrument :
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ClientSampleId :
RB-21499

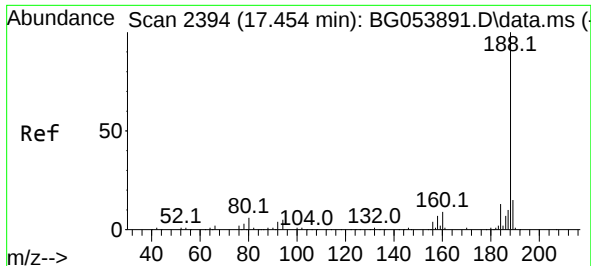
Tgt Ion:165 Resp: 6707
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#



#57
2,4-Dinitrotoluene
Concen: 6.012 ng
RT: 14.706 min Scan# 1926
Delta R.T. -0.357 min
Lab File: BG053913.D
Acq: 14 Jun 2022 22:43

Tgt Ion:165 Resp: 6707
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#

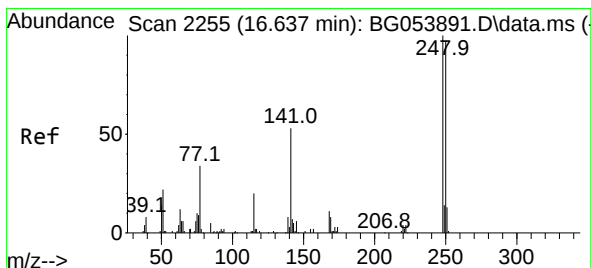
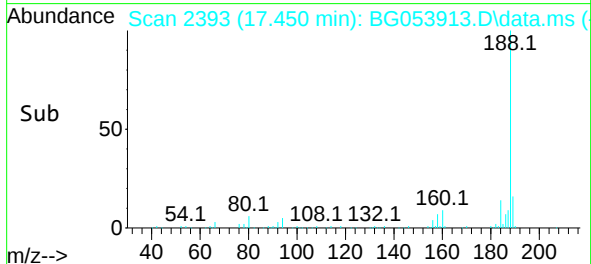
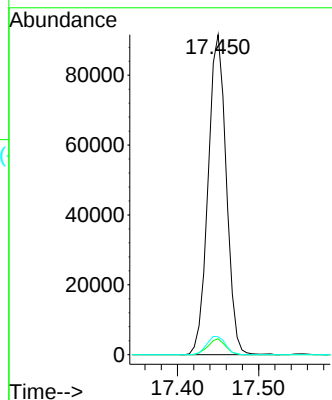
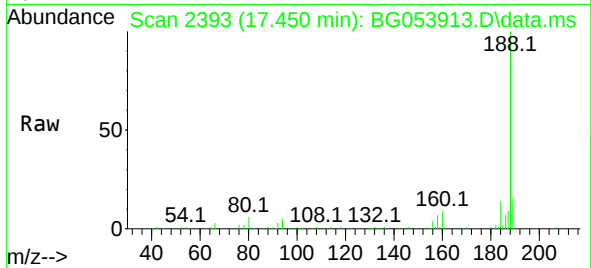




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.450 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG053913.D
Acq: 14 Jun 2022 22:43

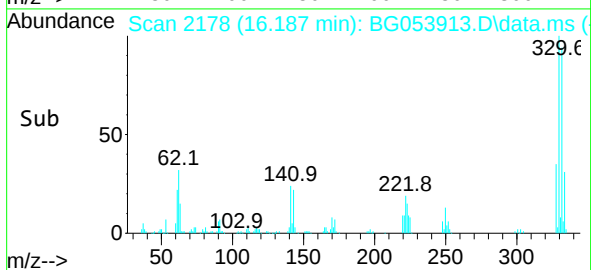
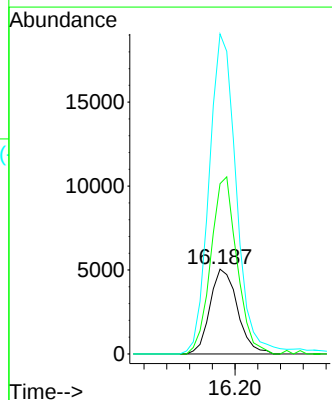
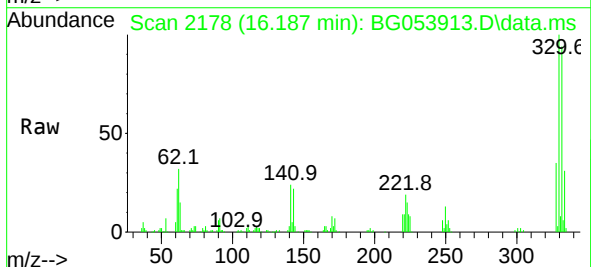
Instrument :
BNA_G
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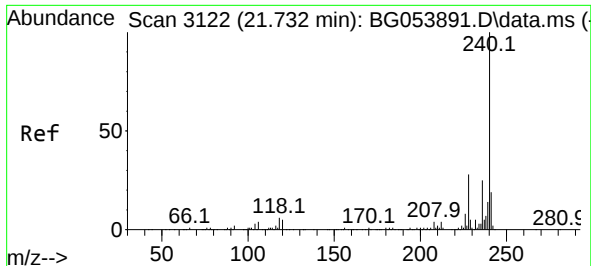
Tgt Ion:188 Resp: 141900
Ion Ratio Lower Upper
188 100
94 5.0 5.4 8.0#
80 5.6 6.8 10.2#



#67
4-Bromophenyl-phenylether
Concen: 4.783 ng
RT: 16.187 min Scan# 2178
Delta R.T. -0.451 min
Lab File: BG053913.D
Acq: 14 Jun 2022 22:43

Tgt Ion:248 Resp: 8477
Ion Ratio Lower Upper
248 100
250 262.0 75.2 112.8#
141 377.2 50.0 75.0#

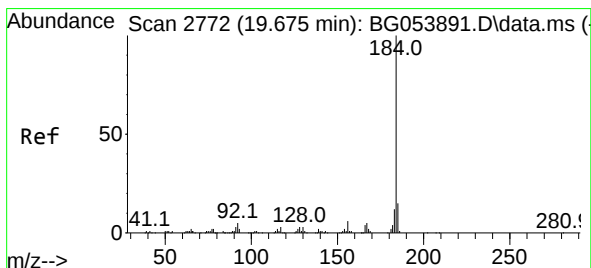
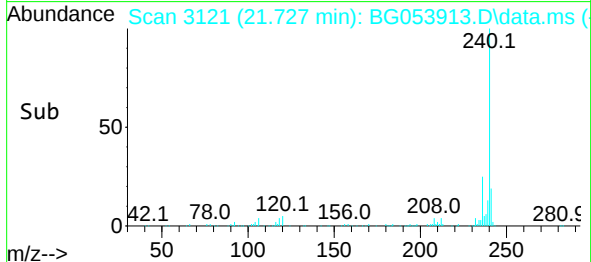
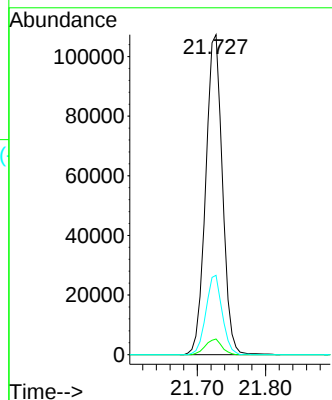
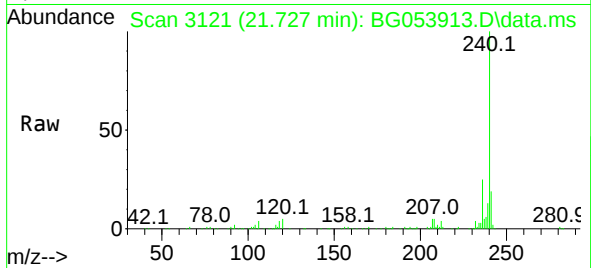




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.727 min Scan# 31
Delta R.T. -0.004 min
Lab File: BG053913.D
Acq: 14 Jun 2022 22:43

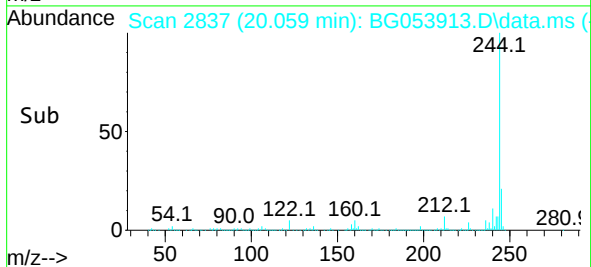
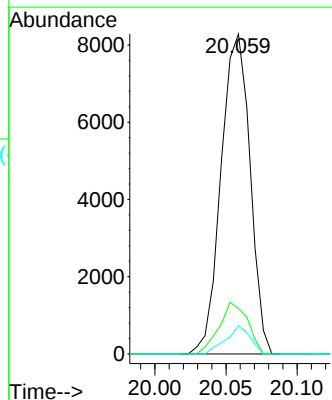
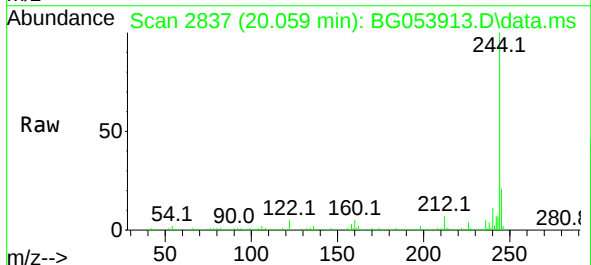
Instrument :
BNA_G
ClientSampleId :
RB-21499

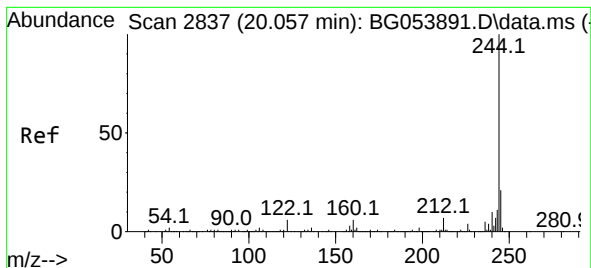
Tgt Ion:240 Resp: 182560
Ion Ratio Lower Upper
240 100
120 4.9 4.6 7.0
236 24.8 20.2 30.4



#77
Benzidine
Concen: 3.105 ng
RT: 20.059 min Scan# 2837
Delta R.T. 0.384 min
Lab File: BG053913.D
Acq: 14 Jun 2022 22:43

Tgt Ion:184 Resp: 11738
Ion Ratio Lower Upper
184 100
185 14.2 11.8 17.6
183 8.8 8.9 13.3#





#79

Terphenyl-d14

Concen: 102.288 ng

RT: 20.059 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG053913.D

Acq: 14 Jun 2022 22:43

Instrument :

BNA_G

ClientSampleId :

RB-21499

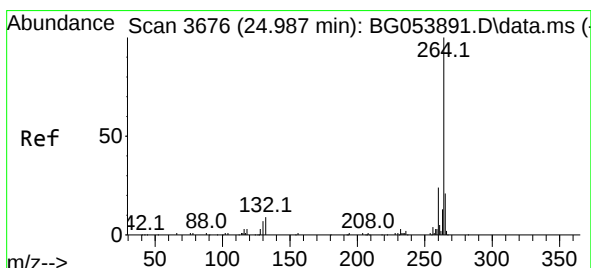
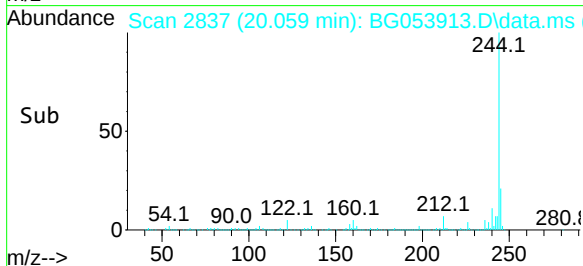
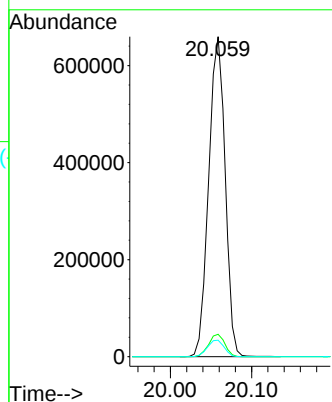
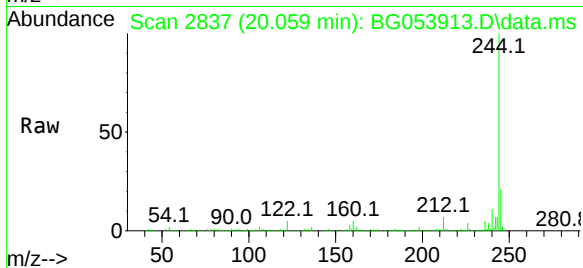
Tgt Ion:244 Resp: 927155

Ion Ratio Lower Upper

244 100

212 7.0 6.5 9.7

122 5.1 5.0 7.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.982 min Scan# 3675

Delta R.T. -0.004 min

Lab File: BG053913.D

Acq: 14 Jun 2022 22:43

Tgt Ion:264 Resp: 184360

Ion Ratio Lower Upper

264 100

260 23.2 19.0 28.6

265 21.2 17.4 26.2

