

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070721\
 Data File : BG049198.D
 Acq On : 7 Jul 2021 14:00
 Operator : CG/JU
 Sample : M2933-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 3

Quant Time: Jul 07 14:47:04 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 06 10:59:02 2021
 Response via : Initial Calibration

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

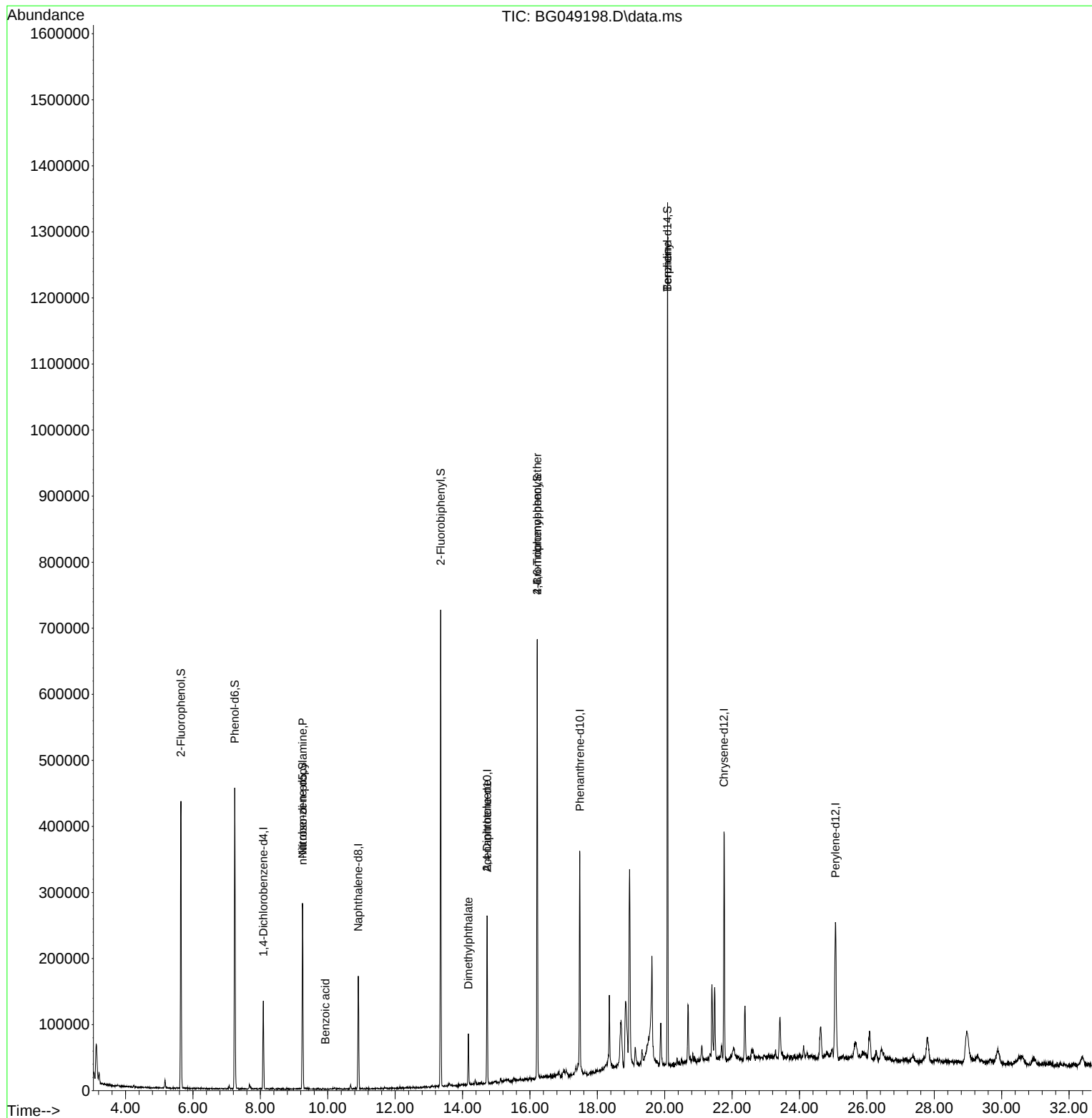
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	36007	20.000	ng	# 0.00
21) Naphthalene-d8	10.907	136	139871	20.000	ng	# 0.00
39) Acenaphthene-d10	14.732	164	95156	20.000	ng	0.00
64) Phenanthrene-d10	17.482	188	209618	20.000	ng	# 0.00
76) Chrysene-d12	21.759	240	226693	20.000	ng	0.00
86) Perylene-d12	25.067	264	239696	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.643	112	178526	77.657	ng	0.00
7) Phenol-d6	7.241	99	235139	71.742	ng	0.00
23) Nitrobenzene-d5	9.250	82	165287	50.102	ng	0.00
42) 2,4,6-Tribromophenol	16.219	330	131917	79.971	ng	0.00
45) 2-Fluorobiphenyl	13.351	172	363876	51.591	ng	0.00
79) Terphenyl-d14	20.085	244	604128	45.158	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.256	70	25266	10.727	ng	# 65
32) Benzoic acid	9.926	122	97	6.325	ng	# 1
50) Dimethylphthalate	14.174	163	48657	6.371	ng	# 95
57) 2,4-Dinitrotoluene	14.726	165	12299	4.946	ng	# 18
67) 4-Bromophenyl-phenylether	16.219	248	8125	2.873	ng	# 1
77) Benzidine	20.085	184	11209	2.302	ng	# 94

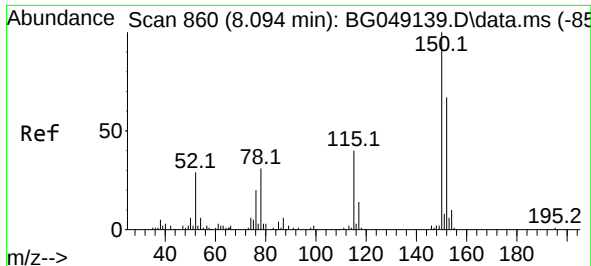
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 06 10:59:02 2021
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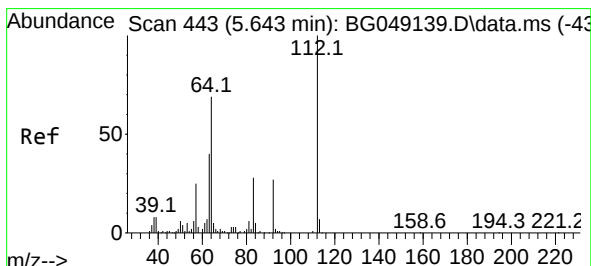
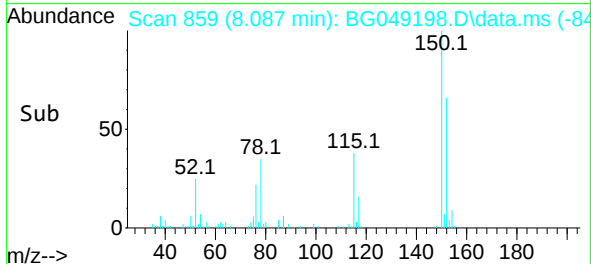
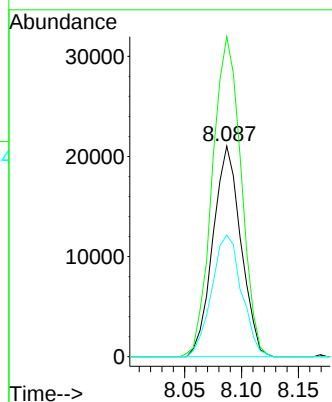
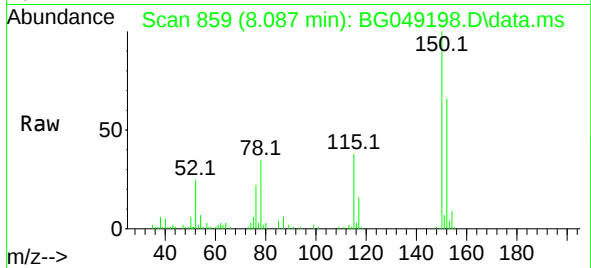




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.087 min Scan# 859
Delta R.T. -0.004 min
Lab File: BG049198.D
Acq: 7 Jul 2021 14:00

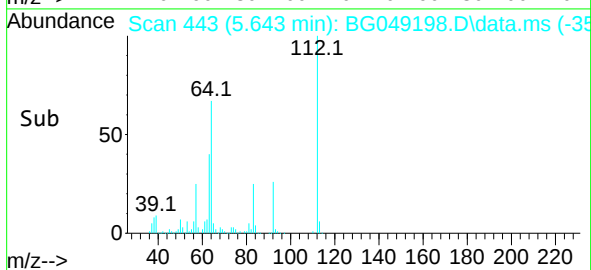
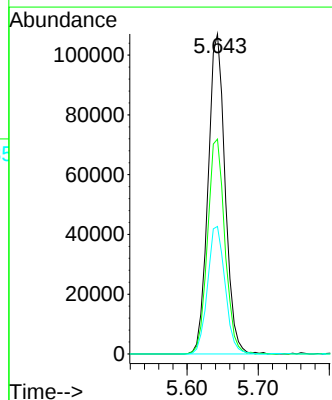
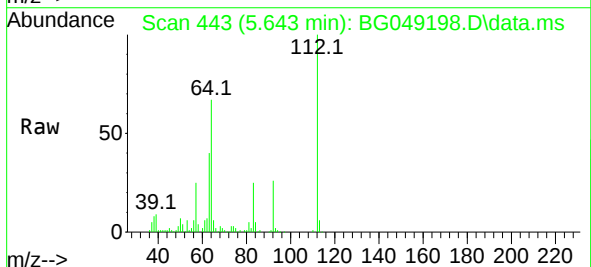
Instrument :
BNA_G
ClientSampleId :
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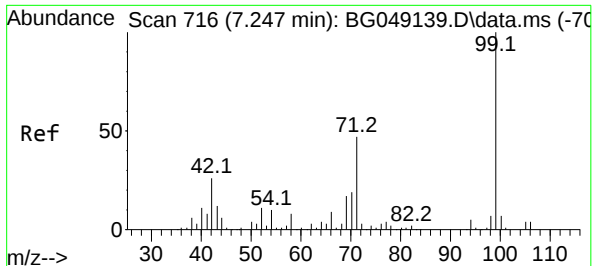
Tgt Ion:152 Resp: 36007
Ion Ratio Lower Upper
152 100
150 152.0 119.4 179.0
115 57.8 60.2 90.4#



#5
2-Fluorophenol
Concen: 77.657 ng
RT: 5.643 min Scan# 443
Delta R.T. 0.008 min
Lab File: BG049198.D
Acq: 7 Jul 2021 14:00

Tgt Ion:112 Resp: 178526
Ion Ratio Lower Upper
112 100
64 67.1 46.7 70.1
63 39.9 35.3 52.9

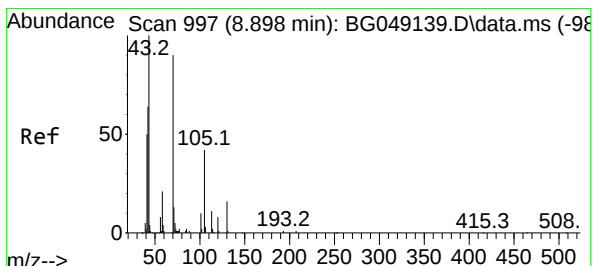
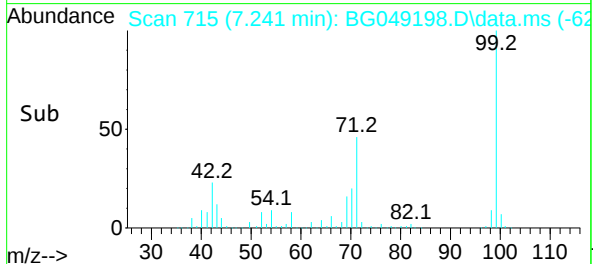
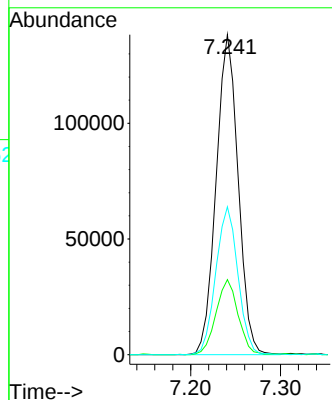
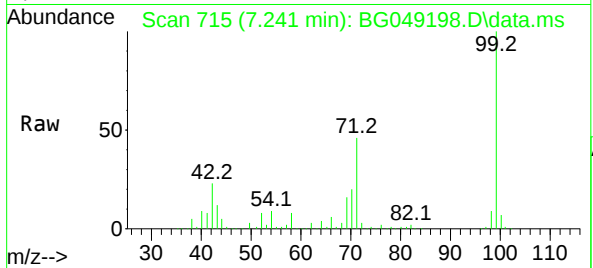




#7
Phenol-d6
Concen: 71.742 ng
RT: 7.241 min Scan# 715
Delta R.T. 0.002 min
Lab File: BG049198.D
Acq: 7 Jul 2021 14:00

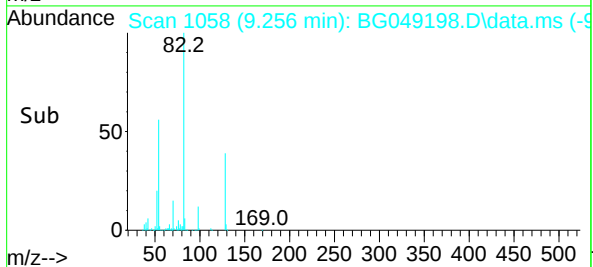
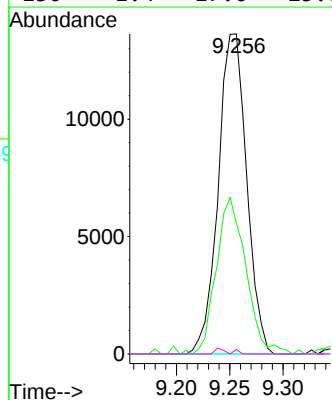
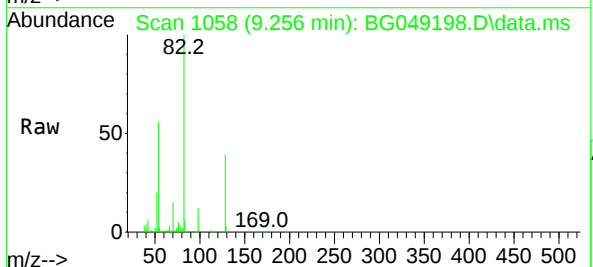
Instrument :
BNA_G
ClientSampled :
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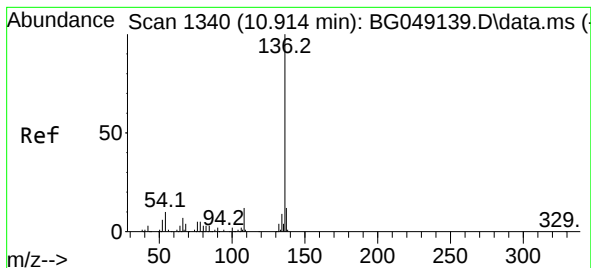
Tgt Ion: 99 Resp: 235139
Ion Ratio Lower Upper
99 100
42 23.4 20.5 30.7
71 46.2 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 10.727 ng
RT: 9.256 min Scan# 1058
Delta R.T. 0.361 min
Lab File: BG049198.D
Acq: 7 Jul 2021 14:00

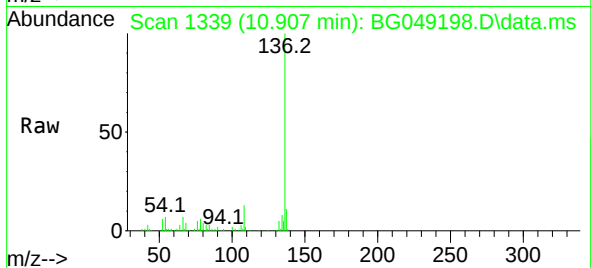
Tgt Ion: 70 Resp: 25266
Ion Ratio Lower Upper
70 100
42 40.9 54.5 81.7#
101 0.0 9.0 13.6#
130 1.4 17.0 25.6#



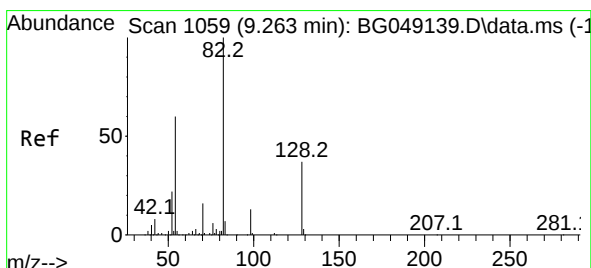
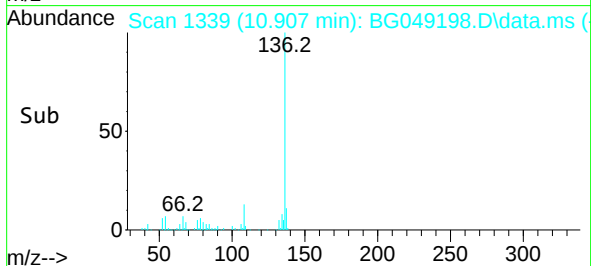
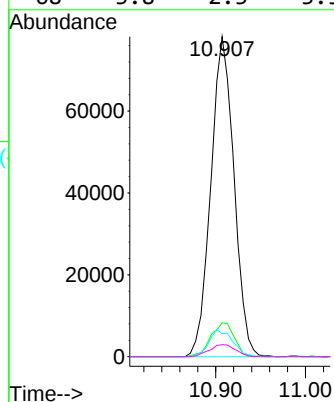


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.907 min Scan# 1339
Delta R.T. 0.002 min
Lab File: BG049198.D
Acq: 7 Jul 2021 14:00

Instrument :
BNA_G
ClientSampled :
3

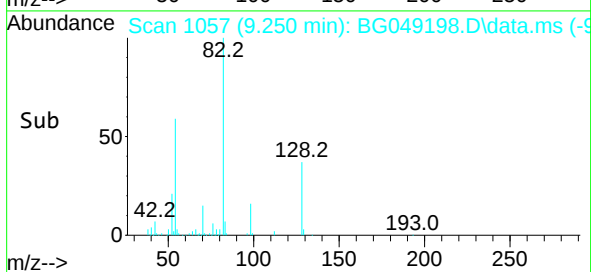
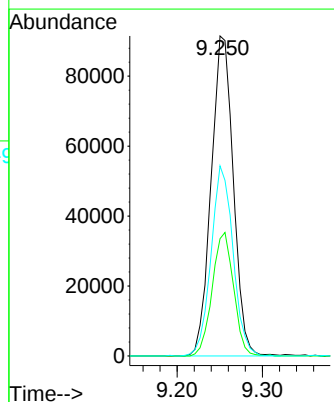
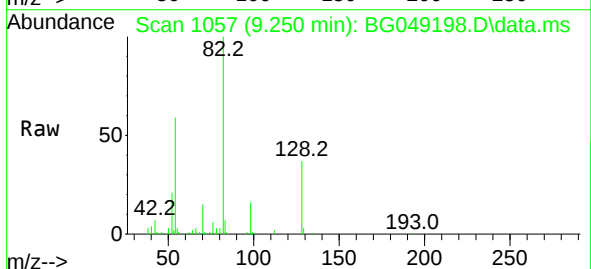


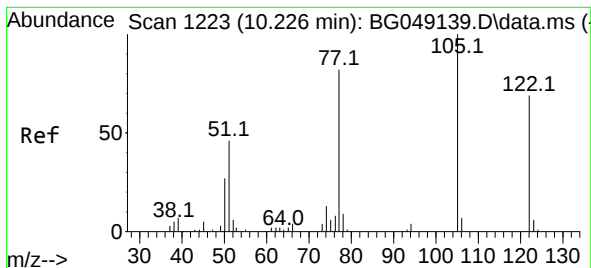
Tgt Ion:136 Resp: 139871
Ion Ratio Lower Upper
136 100
137 10.6 8.2 12.2
54 7.2 5.5 8.3
68 3.8 2.3 3.5#



#23
Nitrobenzene-d5
Concen: 50.102 ng
RT: 9.250 min Scan# 1057
Delta R.T. -0.004 min
Lab File: BG049198.D
Acq: 7 Jul 2021 14:00

Tgt Ion: 82 Resp: 165287
Ion Ratio Lower Upper
82 100
128 36.7 29.8 44.6
54 59.4 45.8 68.8

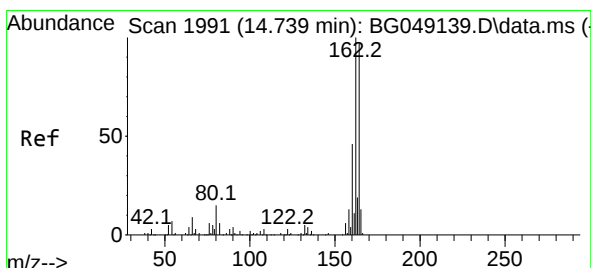
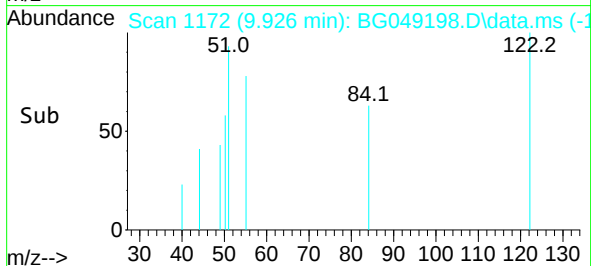
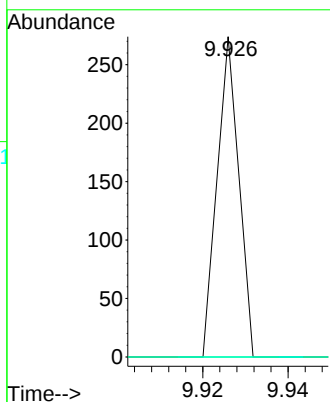
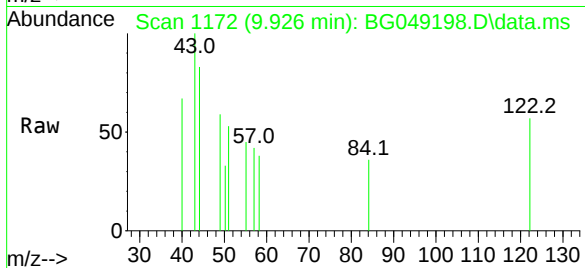




#32
Benzoic acid
Concen: 6.325 ng
RT: 9.926 min Scan# 1172
Delta R.T. -0.297 min
Lab File: BG049198.D
Acq: 7 Jul 2021 14:00

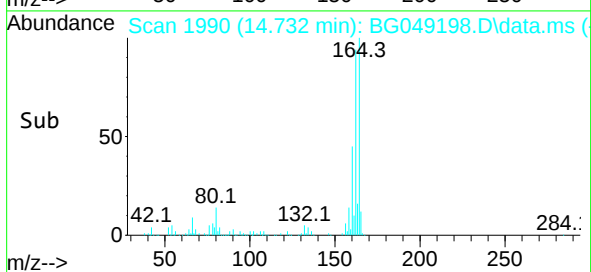
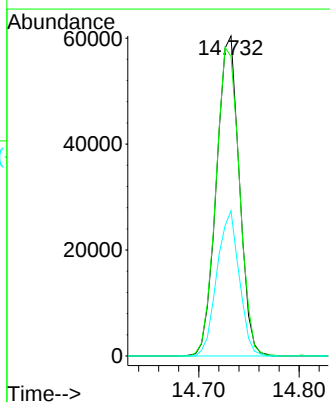
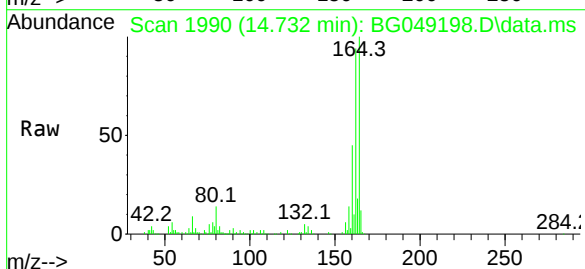
Instrument :
BNA_G
ClientSampled :
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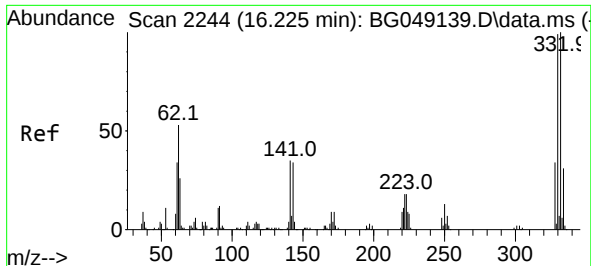
Tgt Ion:122 Resp: 97
Ion Ratio Lower Upper
122 100
105 0.0 92.3 132.3#
77 0.0 66.5 106.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.732 min Scan# 1990
Delta R.T. 0.002 min
Lab File: BG049198.D
Acq: 7 Jul 2021 14:00

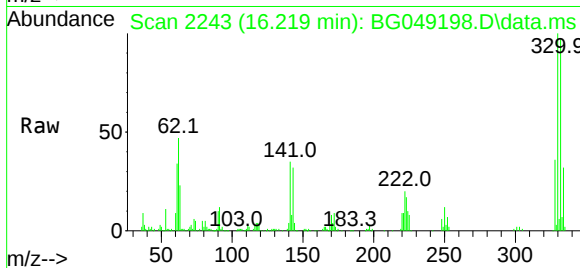
Tgt Ion:164 Resp: 95156
Ion Ratio Lower Upper
164 100
162 93.6 81.4 122.0
160 45.4 34.9 52.3



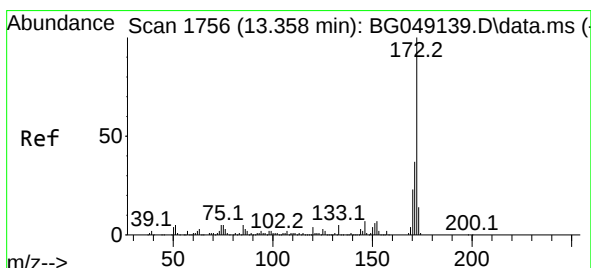
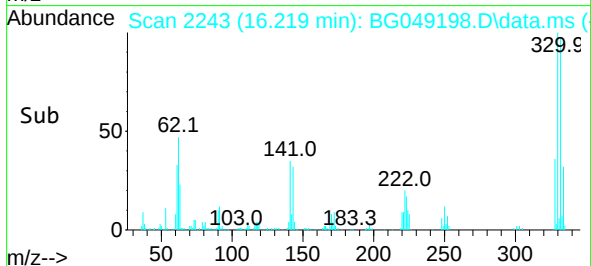
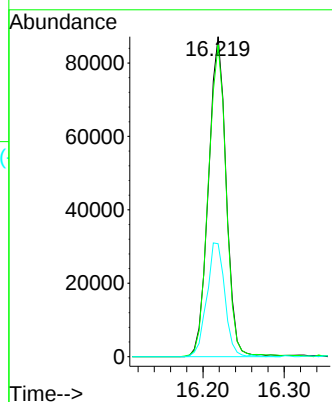


#42
2,4,6-Tribromophenol
Concen: 79.971 ng
RT: 16.219 min Scan# 2243
Delta R.T. 0.002 min
Lab File: BG049198.D
Acq: 7 Jul 2021 14:00

Instrument :
BNA_G
ClientSampleId :
3

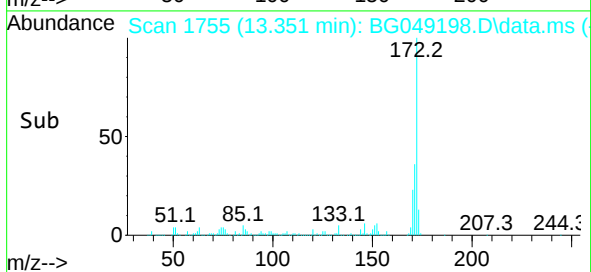
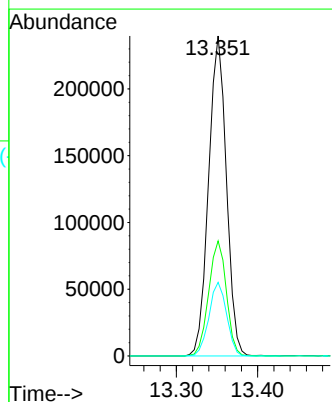
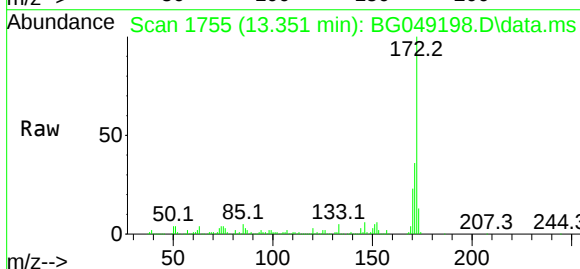


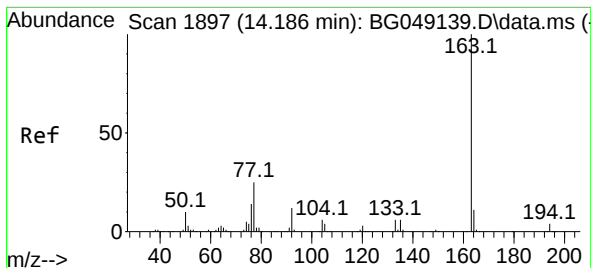
Tgt Ion:330 Resp: 131917
Ion Ratio Lower Upper
330 100
332 98.1 77.3 115.9
141 36.2 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 51.591 ng
RT: 13.351 min Scan# 1755
Delta R.T. 0.002 min
Lab File: BG049198.D
Acq: 7 Jul 2021 14:00

Tgt Ion:172 Resp: 363876
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 23.0 18.6 27.8

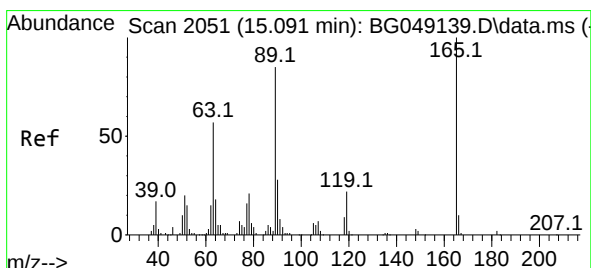
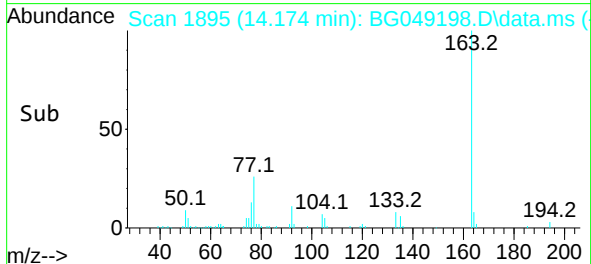
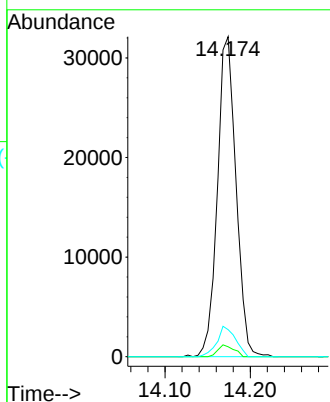
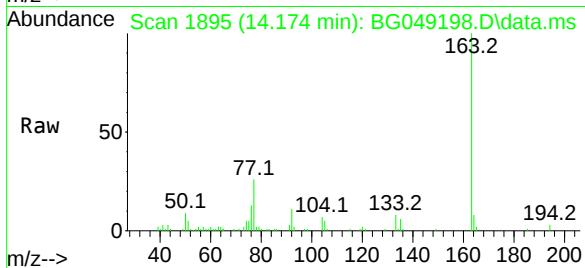




#50
Dimethylphthalate
Concen: 6.371 ng
RT: 14.174 min Scan# 1895
Delta R.T. -0.004 min
Lab File: BG049198.D
Acq: 7 Jul 2021 14:00

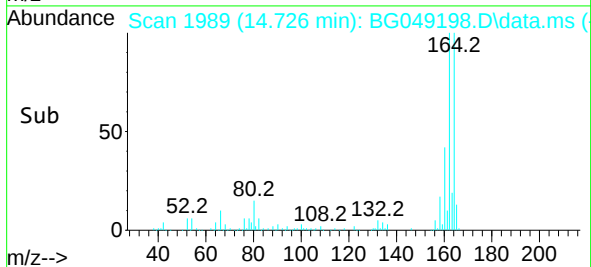
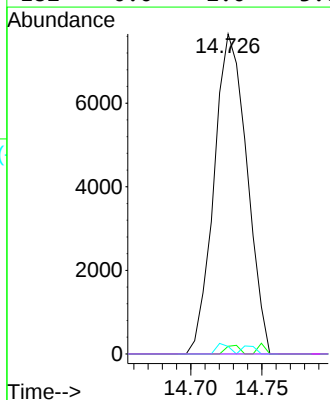
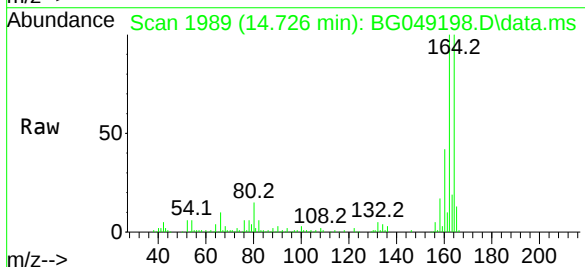
Instrument :
BNA_G
ClientSampled :
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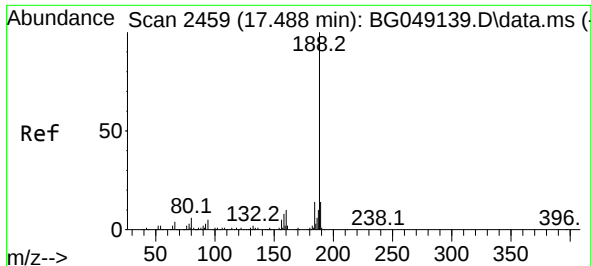
Tgt Ion:163 Resp: 48657
Ion Ratio Lower Upper
163 100
194 3.1 3.0 4.6
164 8.5 8.6 12.8#



#57
2,4-Dinitrotoluene
Concen: 4.946 ng
RT: 14.726 min Scan# 1989
Delta R.T. -0.356 min
Lab File: BG049198.D
Acq: 7 Jul 2021 14:00

Tgt Ion:165 Resp: 12299
Ion Ratio Lower Upper
165 100
63 2.4 48.0 72.0#
89 2.3 65.4 98.0#
182 0.0 2.0 3.0#

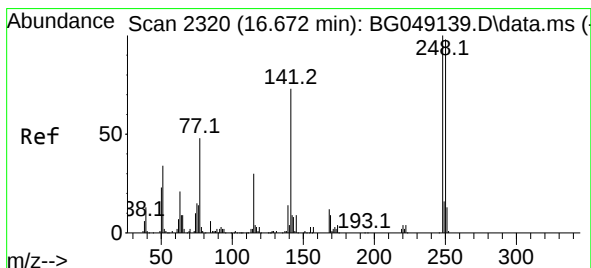
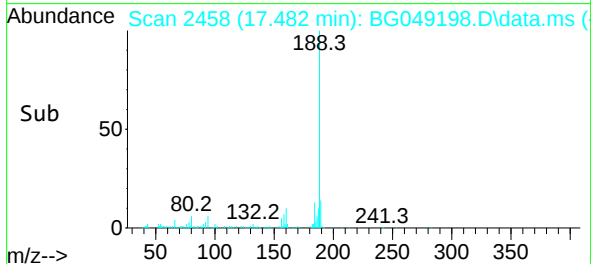
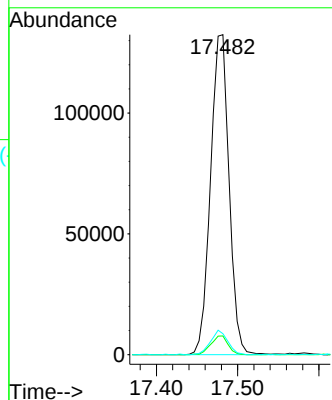
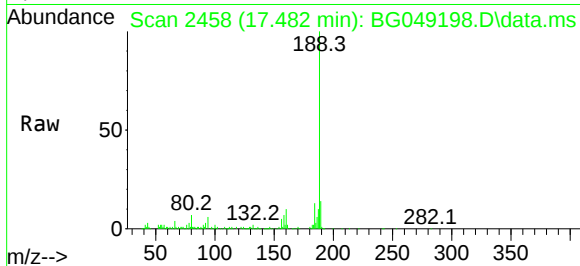




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.482 min Scan# 2458
Delta R.T. 0.002 min
Lab File: BG049198.D
Acq: 7 Jul 2021 14:00

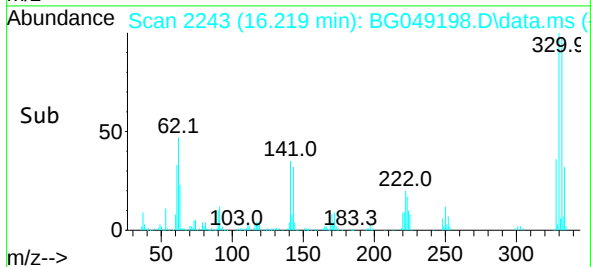
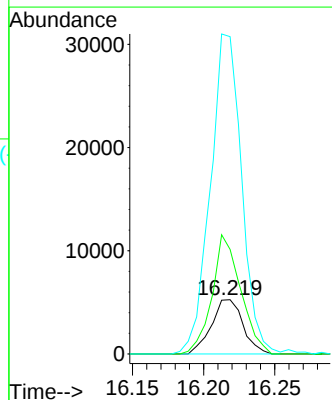
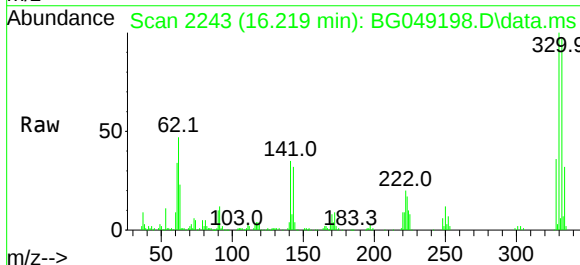
Instrument :
BNA_G
ClientSampled :
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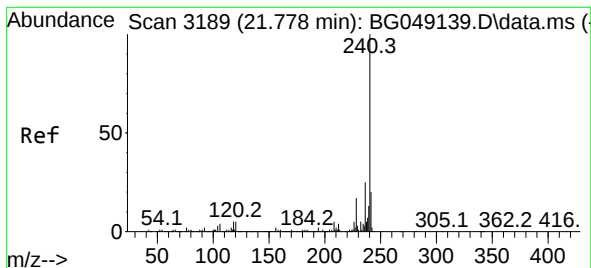
Tgt Ion:188 Resp: 209618
Ion Ratio Lower Upper
188 100
94 5.8 5.4 8.0
80 6.5 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 2.873 ng
RT: 16.219 min Scan# 2243
Delta R.T. -0.444 min
Lab File: BG049198.D
Acq: 7 Jul 2021 14:00

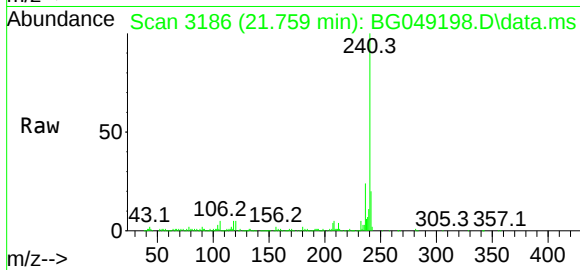
Tgt Ion:248 Resp: 8125
Ion Ratio Lower Upper
248 100
250 192.7 76.1 114.1#
141 585.6 65.4 98.2#



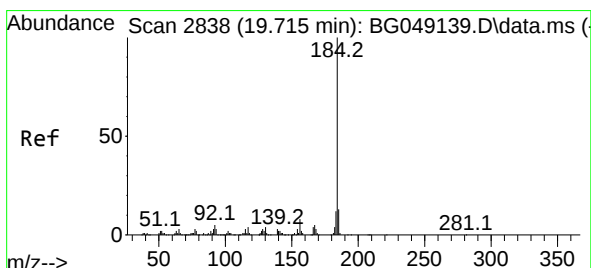
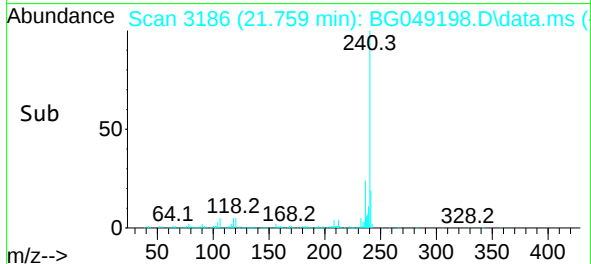
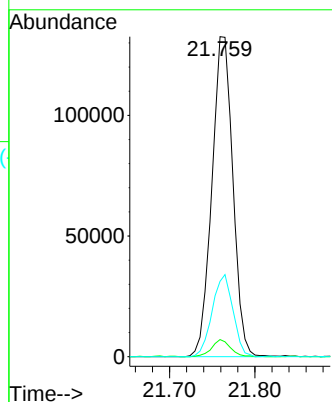


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.759 min Scan# 3186
Delta R.T. -0.004 min
Lab File: BG049198.D
Acq: 7 Jul 2021 14:00

Instrument :
BNA_G
ClientSampled :
3

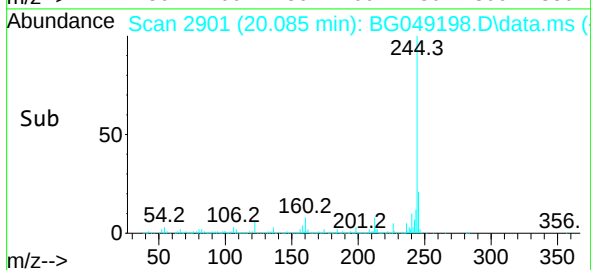
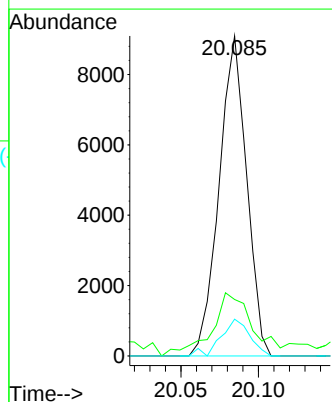
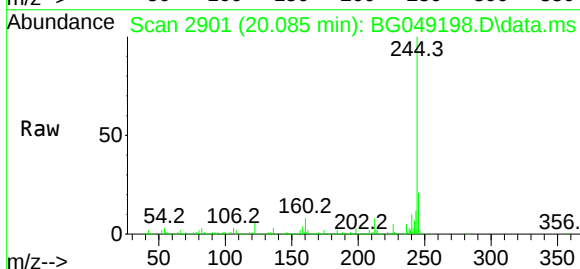


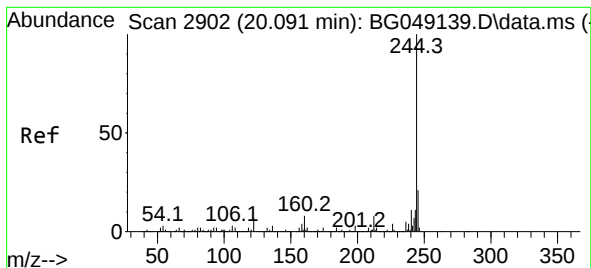
Tgt Ion:240 Resp: 226693
Ion Ratio Lower Upper
240 100
120 5.4 4.2 6.2
236 23.6 21.8 32.6



#77
Benzidine
Concen: 2.302 ng
RT: 20.085 min Scan# 2901
Delta R.T. 0.378 min
Lab File: BG049198.D
Acq: 7 Jul 2021 14:00

Tgt Ion:184 Resp: 11209
Ion Ratio Lower Upper
184 100
185 17.7 10.7 16.1#
183 11.5 9.4 14.0





#79

Terphenyl-d14

Concen: 45.158 ng

RT: 20.085 min Scan# 2901

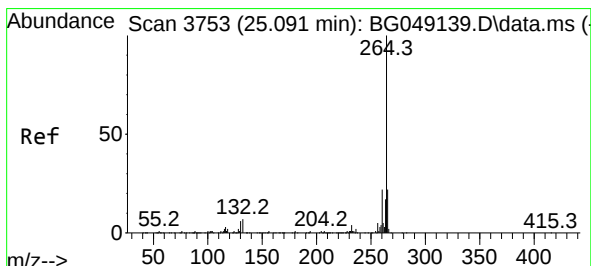
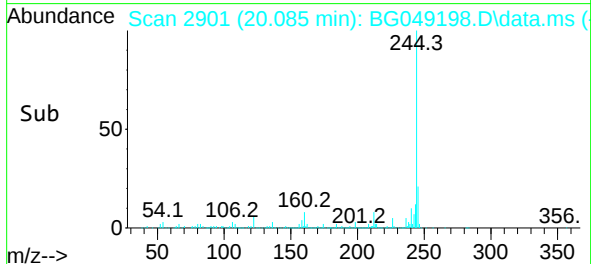
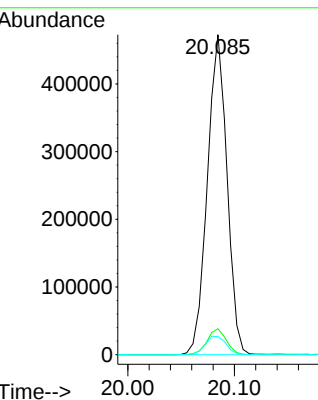
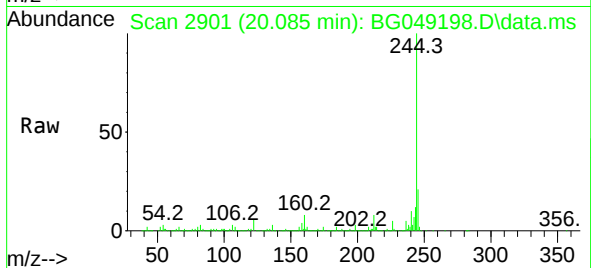
Delta R.T. 0.002 min

Lab File: BG049198.D

Acq: 7 Jul 2021 14:00

Tgt Ion:244 Resp: 604128

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.9	10.3
122	5.6	5.0	7.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.067 min Scan# 3749

Delta R.T. 0.002 min

Lab File: BG049198.D

Acq: 7 Jul 2021 14:00

Tgt Ion:264 Resp: 239696

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.4	29.2
265	20.3	16.9	25.3

