

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070721\
 Data File : BG049196.D
 Acq On : 7 Jul 2021 12:31
 Operator : CG/JU
 Sample : PB137511BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB137511BL

Quant Time: Jul 07 13:07:46 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)

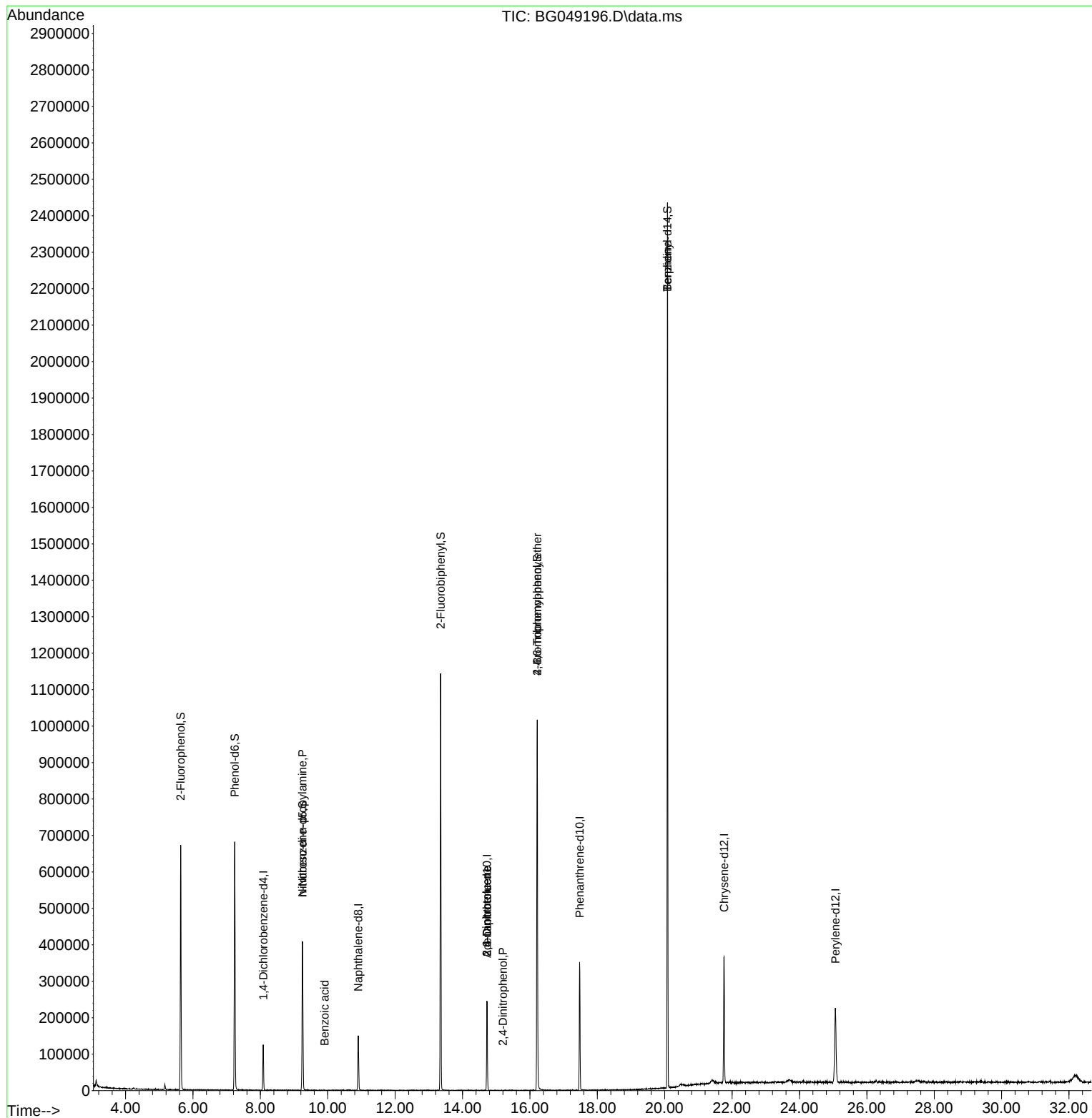
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.085	152	32450	20.000	ng	0.00
21) Naphthalene-d8	10.906	136	126680	20.000	ng	# 0.00
39) Acenaphthene-d10	14.730	164	93133	20.000	ng	0.00
64) Phenanthrene-d10	17.474	188	226360	20.000	ng	# 0.00
76) Chrysene-d12	21.763	240	233175	20.000	ng	0.00
86) Perylene-d12	25.065	264	238314	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.635	112	266210	128.493	ng	0.00
7) Phenol-d6	7.239	99	342632	115.998	ng	0.00
23) Nitrobenzene-d5	9.249	82	247394	82.798	ng	0.00
42) 2,4,6-Tribromophenol	16.217	330	212839	131.830	ng	0.00
45) 2-Fluorobiphenyl	13.350	172	586132	84.909	ng	0.00
79) Terphenyl-d14	20.083	244	1115576	81.071	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.249	70	37307	17.575	ng	# 68
32) Benzoic acid	9.907	122	54	6.306	ng	# 1
51) 2,6-Dinitrotoluene	14.725	165	12218	7.131	ng	# 10
54) 2,4-Dinitrophenol	15.201	184	54	5.207	ng	# 8
57) 2,4-Dinitrotoluene	14.725	165	12218	5.020	ng	# 15
67) 4-Bromophenyl-phenylether	16.217	248	13447	4.403	ng	# 1
77) Benzidine	20.083	184	19942	3.982	ng	# 87

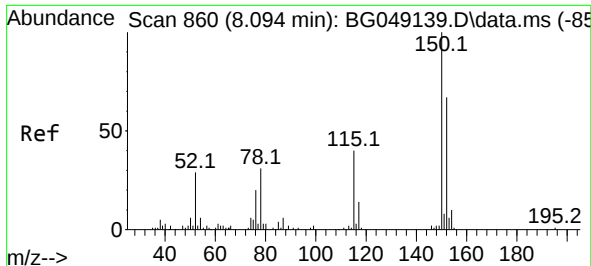
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 07 13:07:46 2021
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QLast Update : Tue Jul 06 10:59:02 2021
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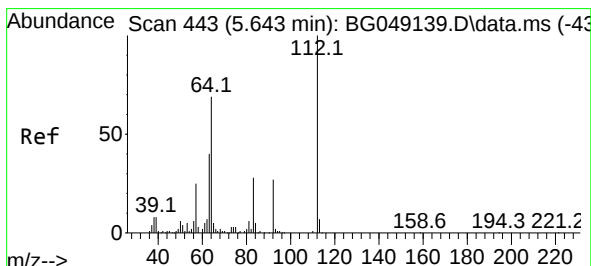
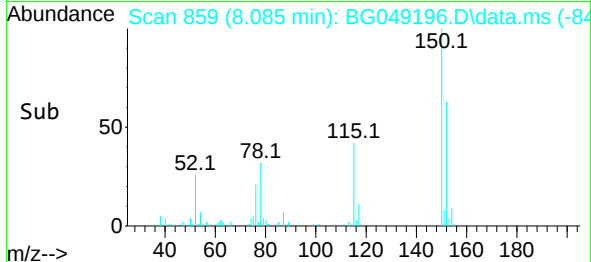
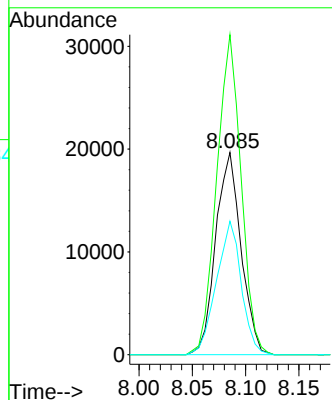
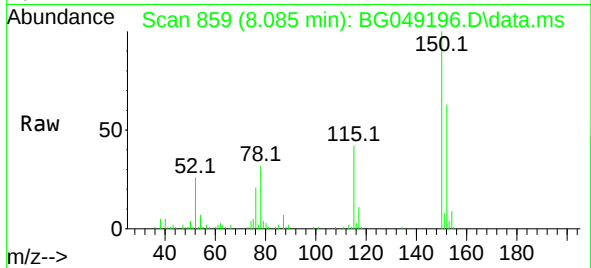




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.085 min Scan# 859
Delta R.T. -0.006 min
Lab File: BG049196.D
Acq: 7 Jul 2021 12:31

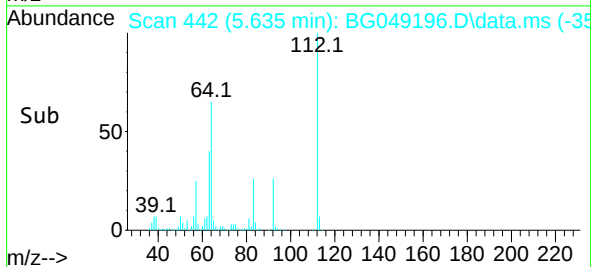
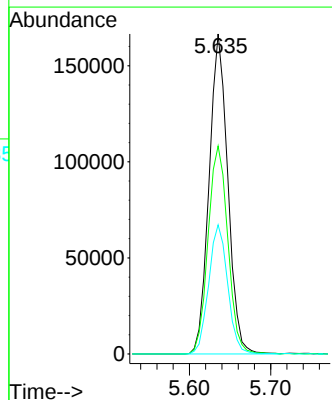
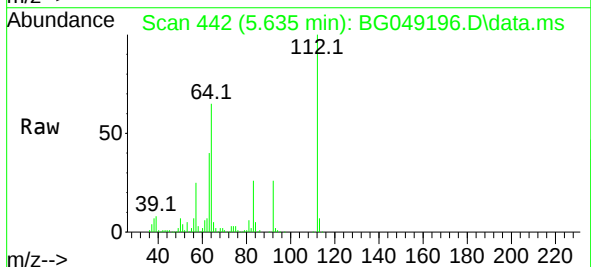
Instrument :
BNA_G
ClientSampleId :
PB137511BL

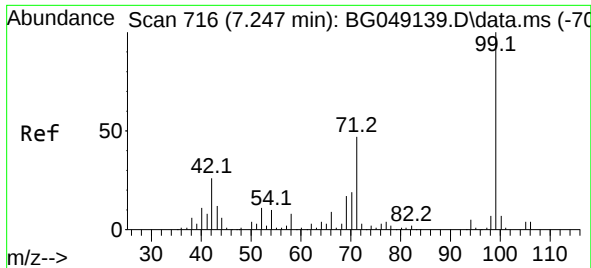
Tgt Ion:152 Resp: 32450
Ion Ratio Lower Upper
152 100
150 158.2 119.4 179.0
115 66.0 60.2 90.4



#5
2-Fluorophenol
Concen: 128.493 ng
RT: 5.635 min Scan# 442
Delta R.T. 0.001 min
Lab File: BG049196.D
Acq: 7 Jul 2021 12:31

Tgt Ion:112 Resp: 266210
Ion Ratio Lower Upper
112 100
64 65.0 46.7 70.1
63 40.4 35.3 52.9

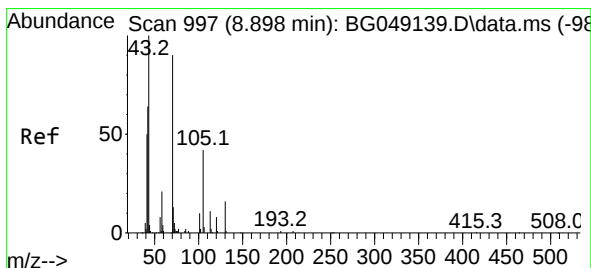
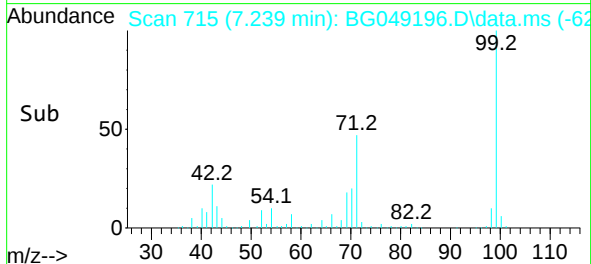
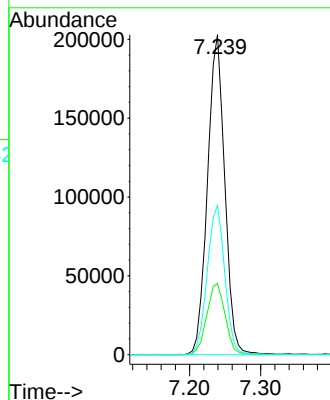
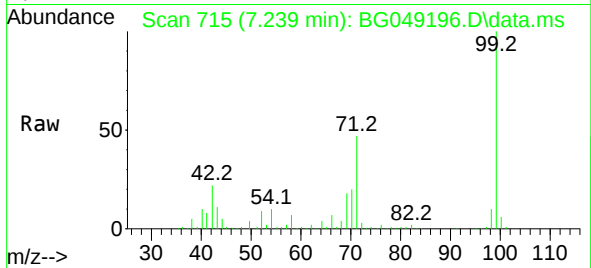




#7
Phenol-d6
Concen: 115.998 ng
RT: 7.239 min Scan# 715
Delta R.T. 0.001 min
Lab File: BG049196.D
Acq: 7 Jul 2021 12:31

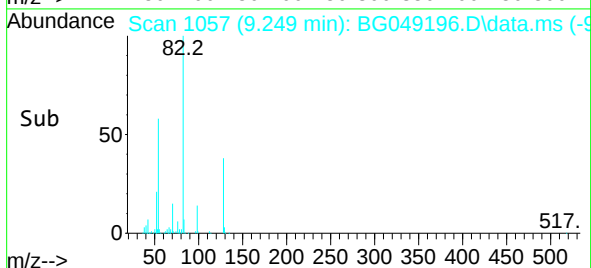
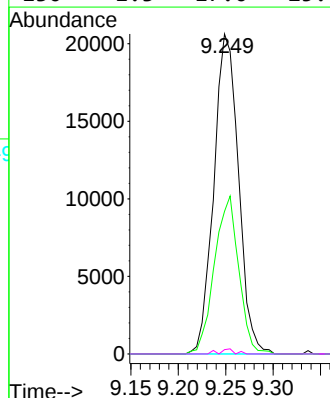
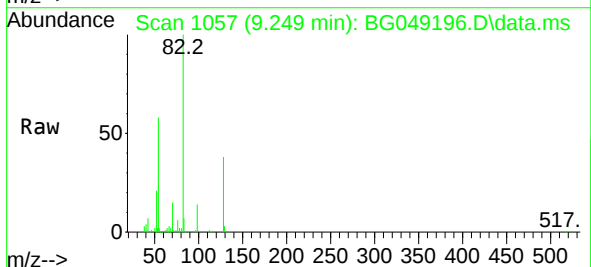
Instrument :
BNA_G
ClientSampleId :
PB137511BL

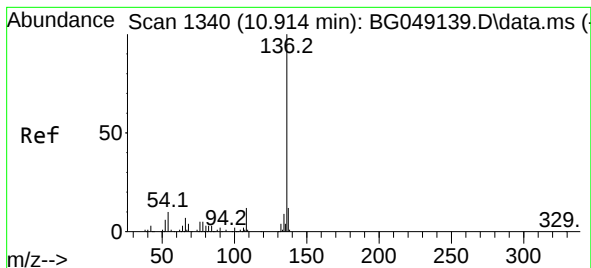
Tgt Ion: 99 Resp: 342632
Ion Ratio Lower Upper
99 100
42 22.2 20.5 30.7
71 46.7 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 17.575 ng
RT: 9.249 min Scan# 1057
Delta R.T. 0.353 min
Lab File: BG049196.D
Acq: 7 Jul 2021 12:31

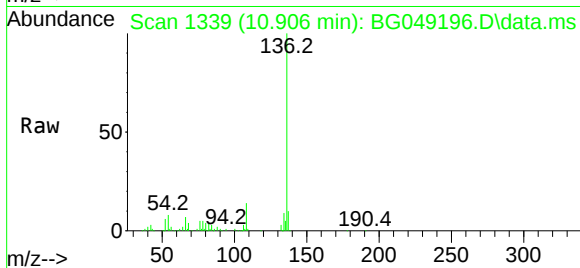
Tgt Ion: 70 Resp: 37307
Ion Ratio Lower Upper
70 100
42 44.5 54.5 81.7#
101 0.0 9.0 13.6#
130 1.3 17.0 25.6#



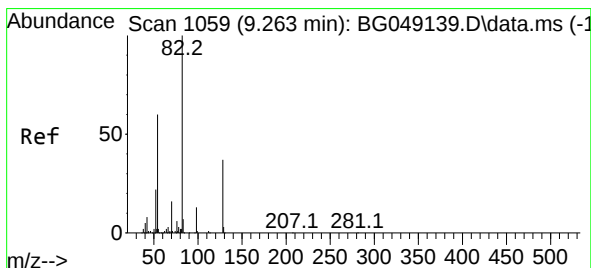
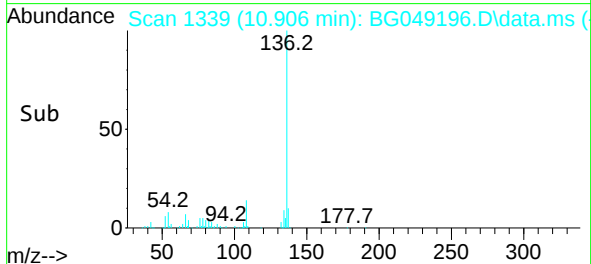
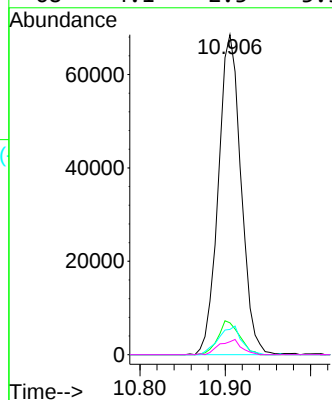


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.906 min Scan# 1339
Delta R.T. 0.001 min
Lab File: BG049196.D
Acq: 7 Jul 2021 12:31

Instrument :
BNA_G
ClientSampleId :
PB137511BL

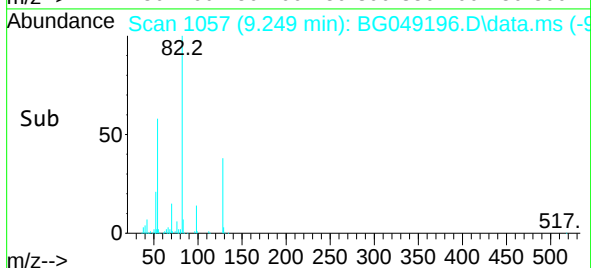
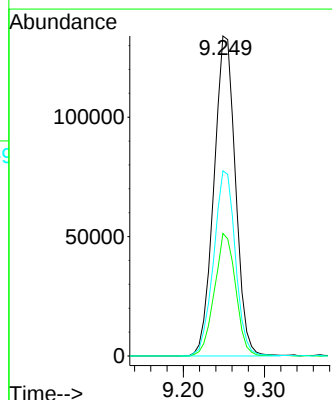
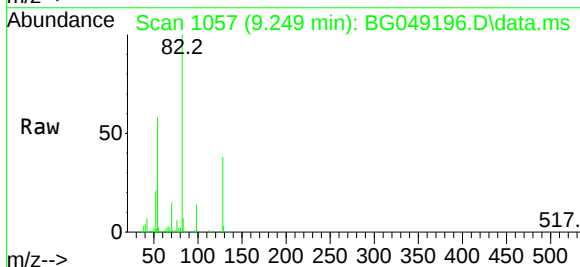


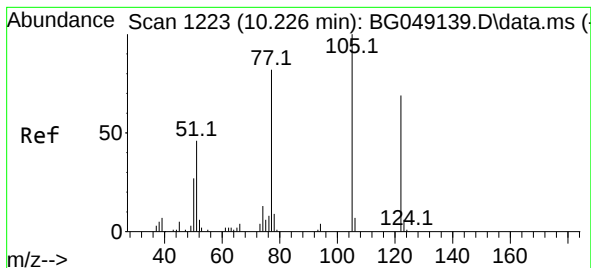
Tgt Ion:136 Resp: 126680
Ion Ratio Lower Upper
136 100
137 9.9 8.2 12.2
54 7.9 5.5 8.3
68 4.1 2.3 3.5#



#23
Nitrobenzene-d5
Concen: 82.798 ng
RT: 9.249 min Scan# 1057
Delta R.T. -0.005 min
Lab File: BG049196.D
Acq: 7 Jul 2021 12:31

Tgt Ion: 82 Resp: 247394
Ion Ratio Lower Upper
82 100
128 38.3 29.8 44.6
54 57.8 45.8 68.8

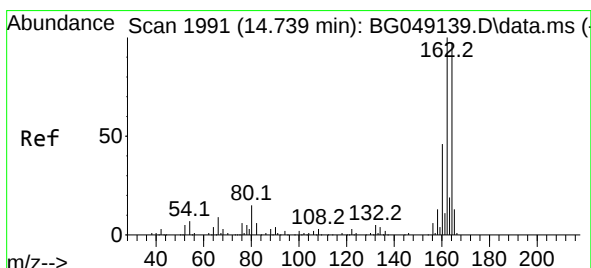
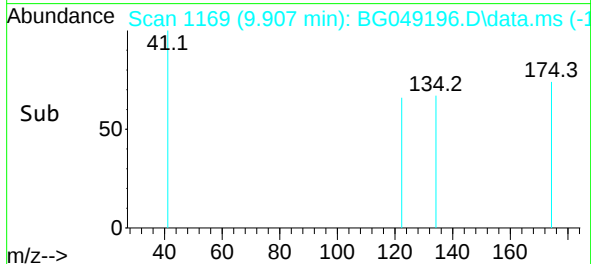
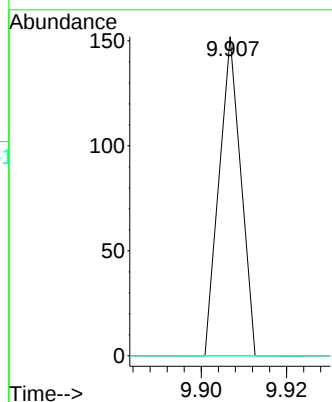
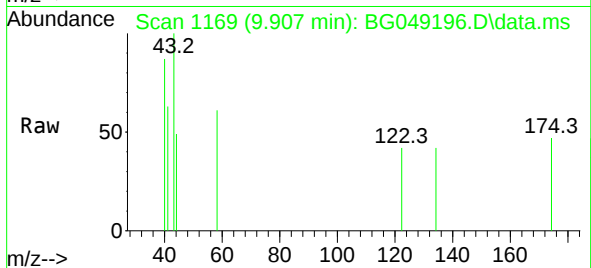




#32
Benzoic acid
Concen: 6.306 ng
RT: 9.907 min Scan# 1169
Delta R.T. -0.317 min
Lab File: BG049196.D
Acq: 7 Jul 2021 12:31

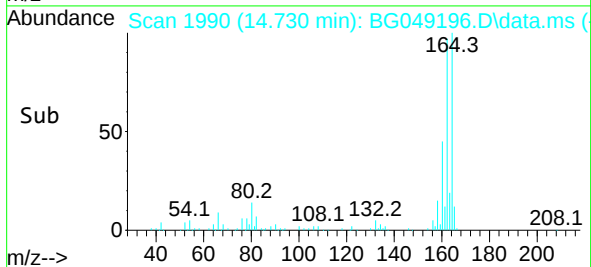
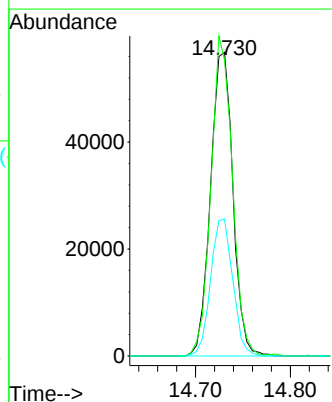
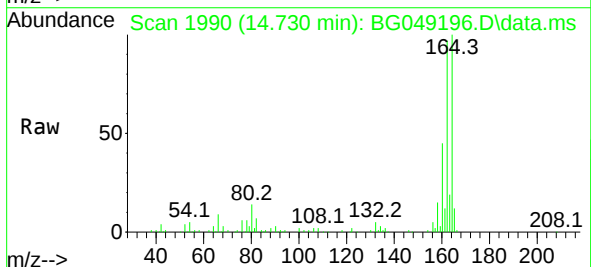
Instrument :
BNA_G
ClientSampleId :
PB137511BL

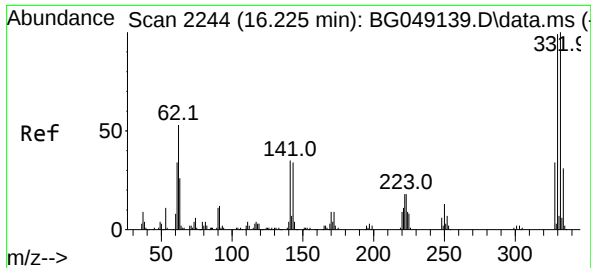
Tgt Ion:122 Resp: 54
Ion Ratio Lower Upper
122 100
105 0.0 92.3 132.3#
77 0.0 66.5 106.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.730 min Scan# 1990
Delta R.T. 0.001 min
Lab File: BG049196.D
Acq: 7 Jul 2021 12:31

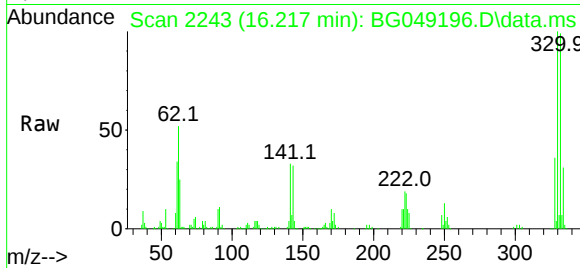
Tgt Ion:164 Resp: 93133
Ion Ratio Lower Upper
164 100
162 97.4 81.4 122.0
160 45.1 34.9 52.3



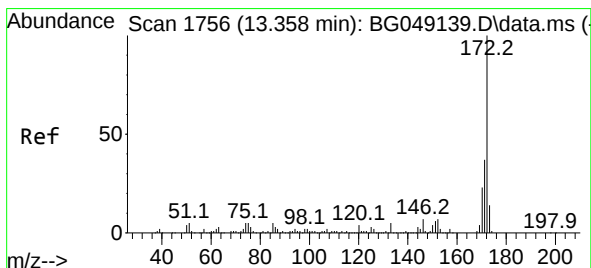
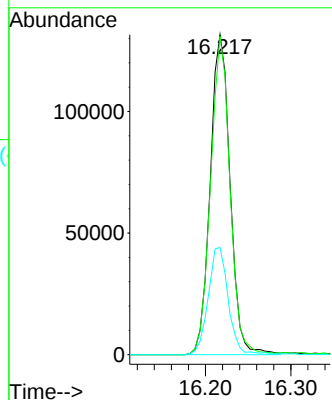
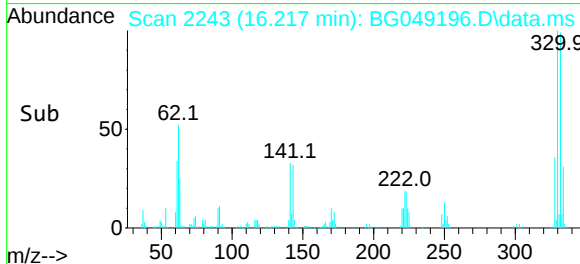


#42
2,4,6-Tribromophenol
Concen: 131.830 ng
RT: 16.217 min Scan# 2243
Delta R.T. 0.001 min
Lab File: BG049196.D
Acq: 7 Jul 2021 12:31

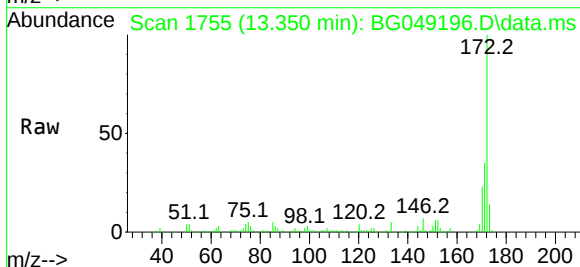
Instrument :
BNA_G
ClientSampleId :
PB137511BL



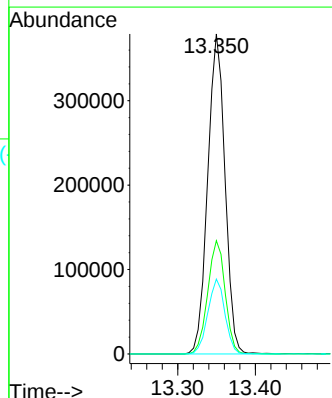
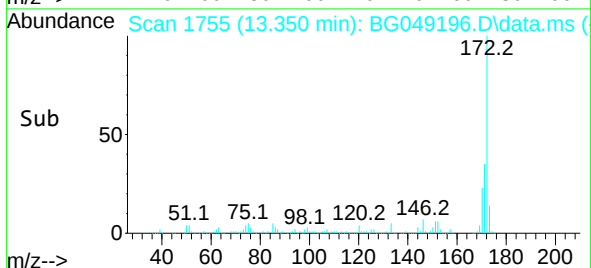
Tgt Ion:330 Resp: 212839
Ion Ratio Lower Upper
330 100
332 96.9 77.3 115.9
141 33.9 35.6 53.4#

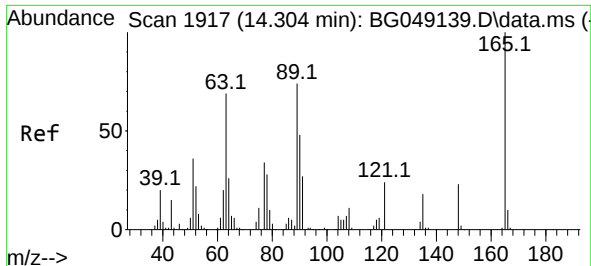


#45
2-Fluorobiphenyl
Concen: 84.909 ng
RT: 13.350 min Scan# 1755
Delta R.T. 0.001 min
Lab File: BG049196.D
Acq: 7 Jul 2021 12:31



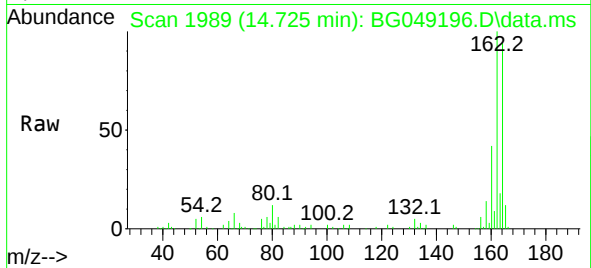
Tgt Ion:172 Resp: 586132
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 23.4 18.6 27.8



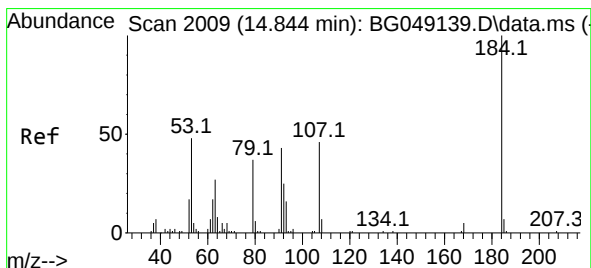
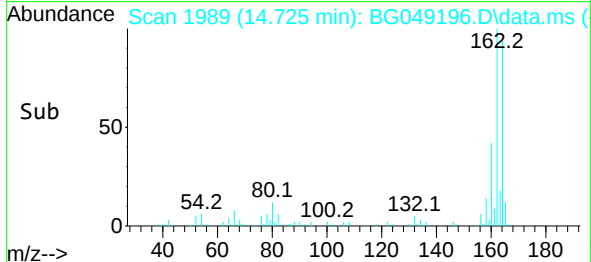
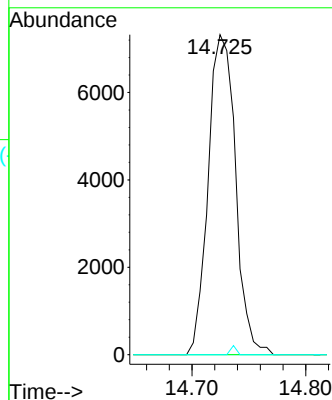


#51
2,6-Dinitrotoluene
Concen: 7.131 ng
RT: 14.725 min Scan# 1989
Delta R.T. 0.430 min
Lab File: BG049196.D
Acq: 7 Jul 2021 12:31

Instrument :
BNA_G
ClientSampleId :
PB137511BL

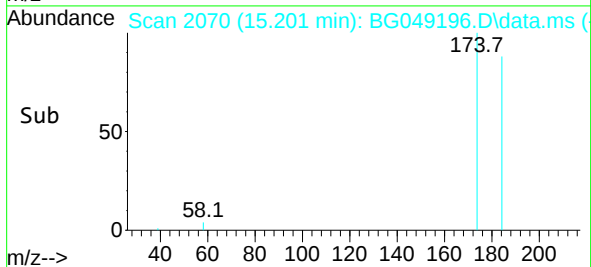
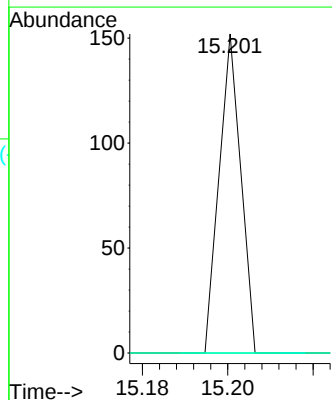
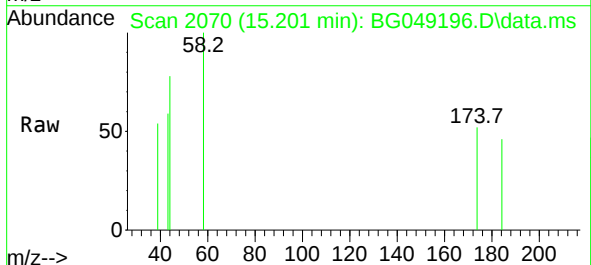


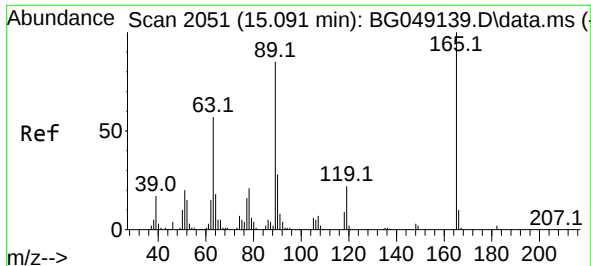
Tgt Ion:165 Resp: 12218
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#



#54
2,4-Dinitrophenol
Concen: 5.207 ng
RT: 15.201 min Scan# 2070
Delta R.T. 0.365 min
Lab File: BG049196.D
Acq: 7 Jul 2021 12:31

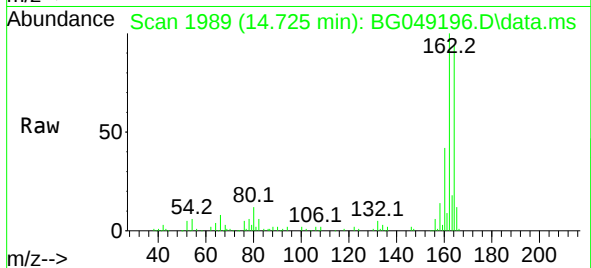
Tgt Ion:184 Resp: 54
Ion Ratio Lower Upper
184 100
63 0.0 68.3 102.5#
154 0.0 62.6 93.8#



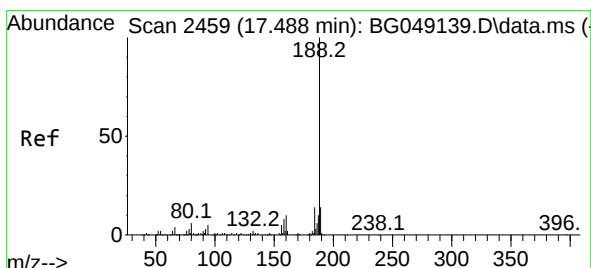
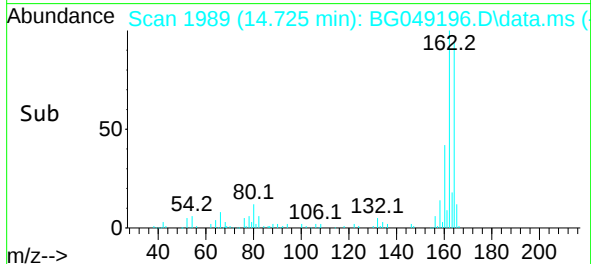
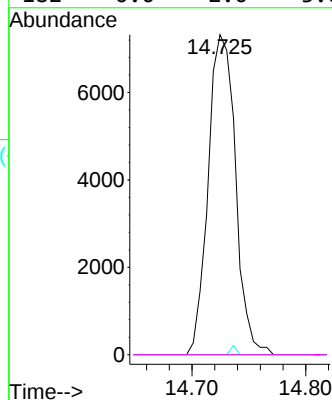


#57
2,4-Dinitrotoluene
Concen: 5.020 ng
RT: 14.725 min Scan# 1989
Delta R.T. -0.358 min
Lab File: BG049196.D
Acq: 7 Jul 2021 12:31

Instrument :
BNA_G
ClientSampled :
PB137511BL

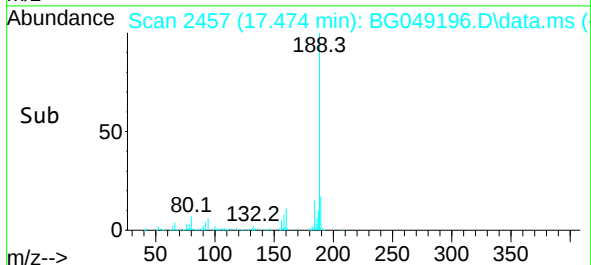
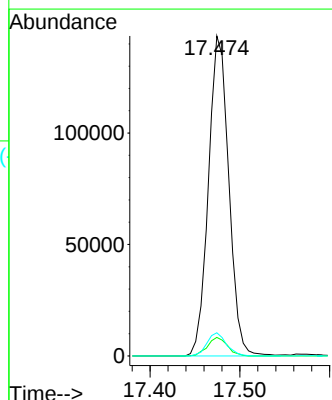
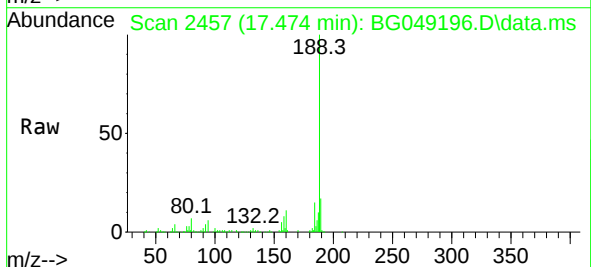


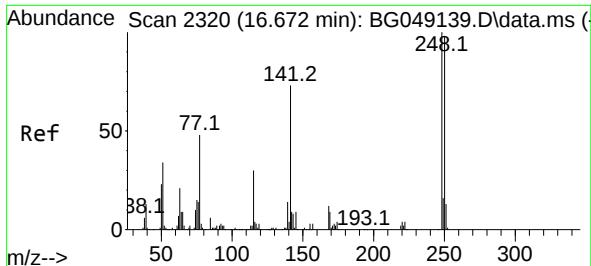
Tgt Ion:165 Resp: 12218
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.474 min Scan# 2457
Delta R.T. -0.005 min
Lab File: BG049196.D
Acq: 7 Jul 2021 12:31

Tgt Ion:188 Resp: 226360
Ion Ratio Lower Upper
188 100
94 5.8 5.4 8.0
80 7.2 3.7 5.5#

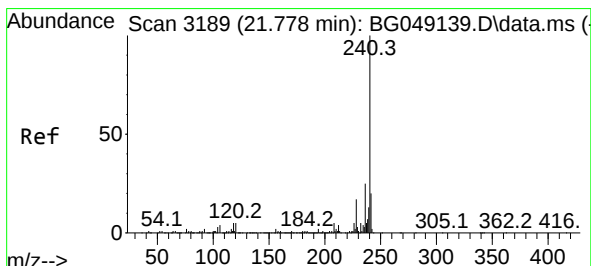
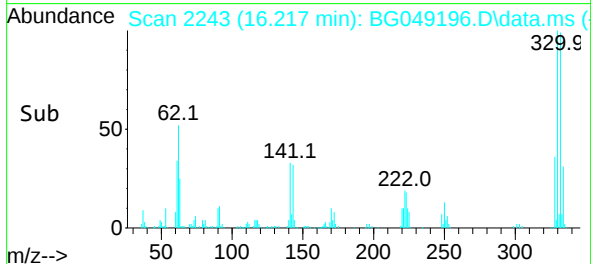
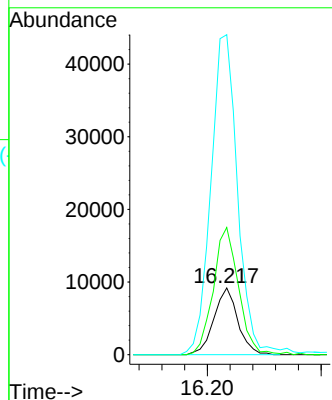
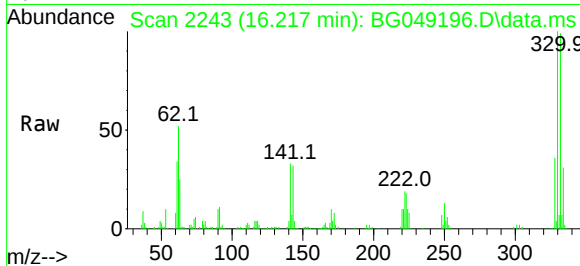




#67
4-Bromophenyl-phenylether
Concen: 4.403 ng
RT: 16.217 min Scan# 2243
Delta R.T. -0.446 min
Lab File: BG049196.D
Acq: 7 Jul 2021 12:31

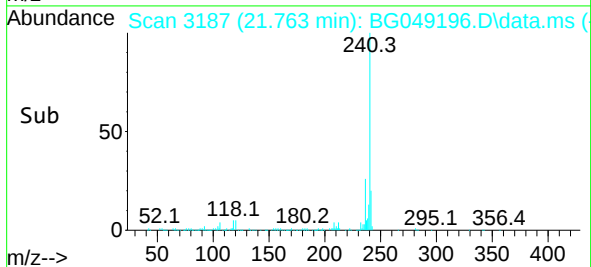
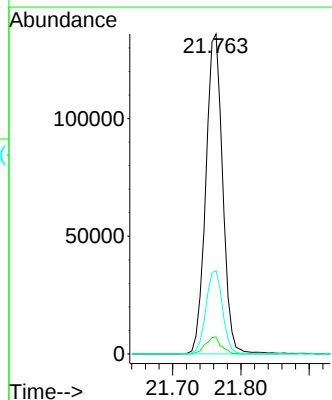
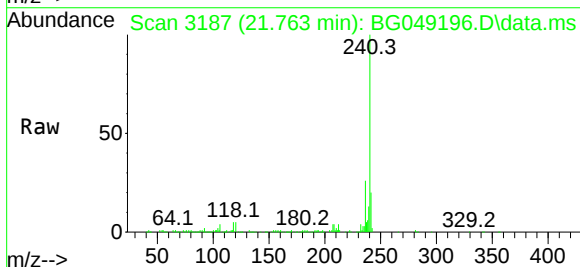
Instrument :
BNA_G
ClientSampleId :
PB137511BL

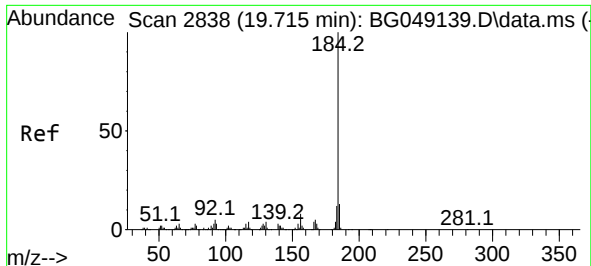
Tgt Ion:248 Resp: 13447
Ion Ratio Lower Upper
248 100
250 190.7 76.1 114.1#
141 479.8 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.763 min Scan# 3187
Delta R.T. 0.001 min
Lab File: BG049196.D
Acq: 7 Jul 2021 12:31

Tgt Ion:240 Resp: 233175
Ion Ratio Lower Upper
240 100
120 5.3 4.2 6.2
236 26.0 21.8 32.6

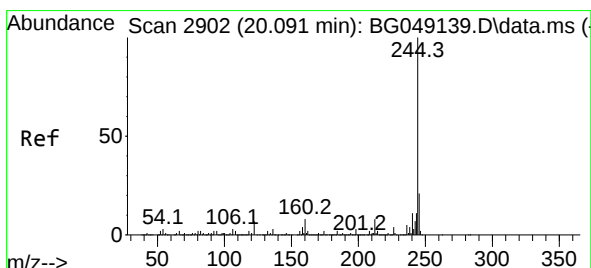
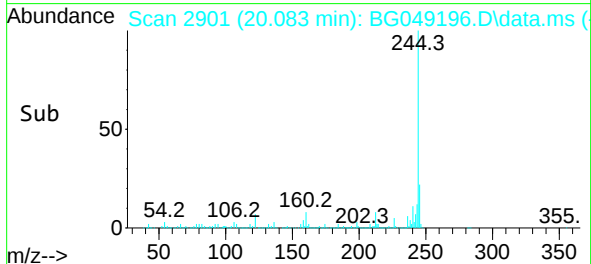
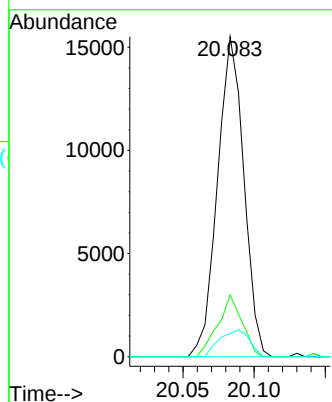
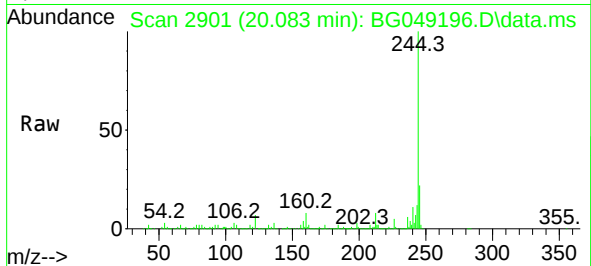




#77
Benzidine
Concen: 3.982 ng
RT: 20.083 min Scan# 2901
Delta R.T. 0.377 min
Lab File: BG049196.D
Acq: 7 Jul 2021 12:31

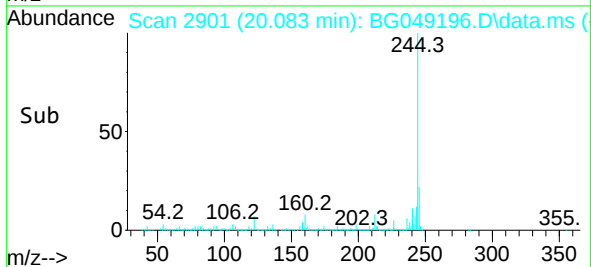
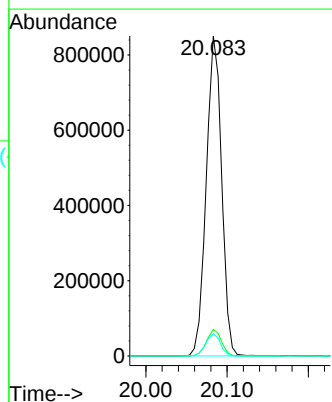
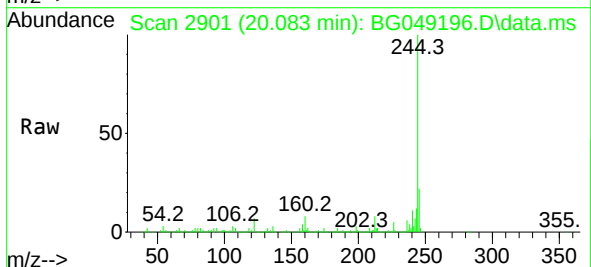
Instrument :
BNA_G
ClientSampleId :
PB137511BL

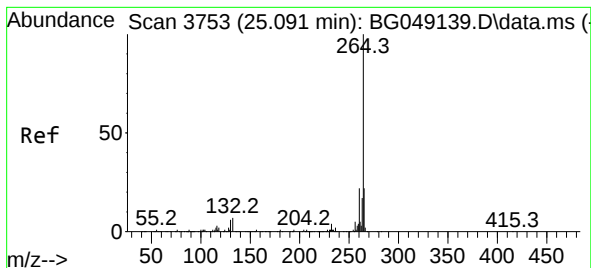
Tgt Ion:184 Resp: 19942
Ion Ratio Lower Upper
184 100
185 19.4 10.7 16.1#
183 7.2 9.4 14.0#



#79
Terphenyl-d14
Concen: 81.071 ng
RT: 20.083 min Scan# 2901
Delta R.T. 0.001 min
Lab File: BG049196.D
Acq: 7 Jul 2021 12:31

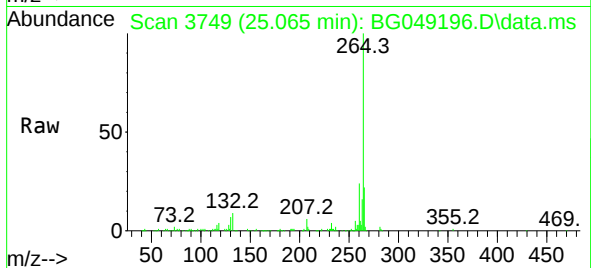
Tgt Ion:244 Resp: 1115576
Ion Ratio Lower Upper
244 100
212 8.3 6.9 10.3
122 7.0 5.0 7.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.065 min Scan# 3749
 Delta R.T. 0.001 min
 Lab File: BG049196.D
 Acq: 7 Jul 2021 12:31

Instrument :
 BNA_G
 ClientSampleId :
 PB137511BL



Tgt Ion:264 Resp: 238314

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	21.7	16.9	25.3

