

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070621\
 Data File : BG049186.D
 Acq On : 6 Jul 2021 15:28
 Operator : CG/JU
 Sample : M2933-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 4

Quant Time: Jul 06 16:21:04 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)

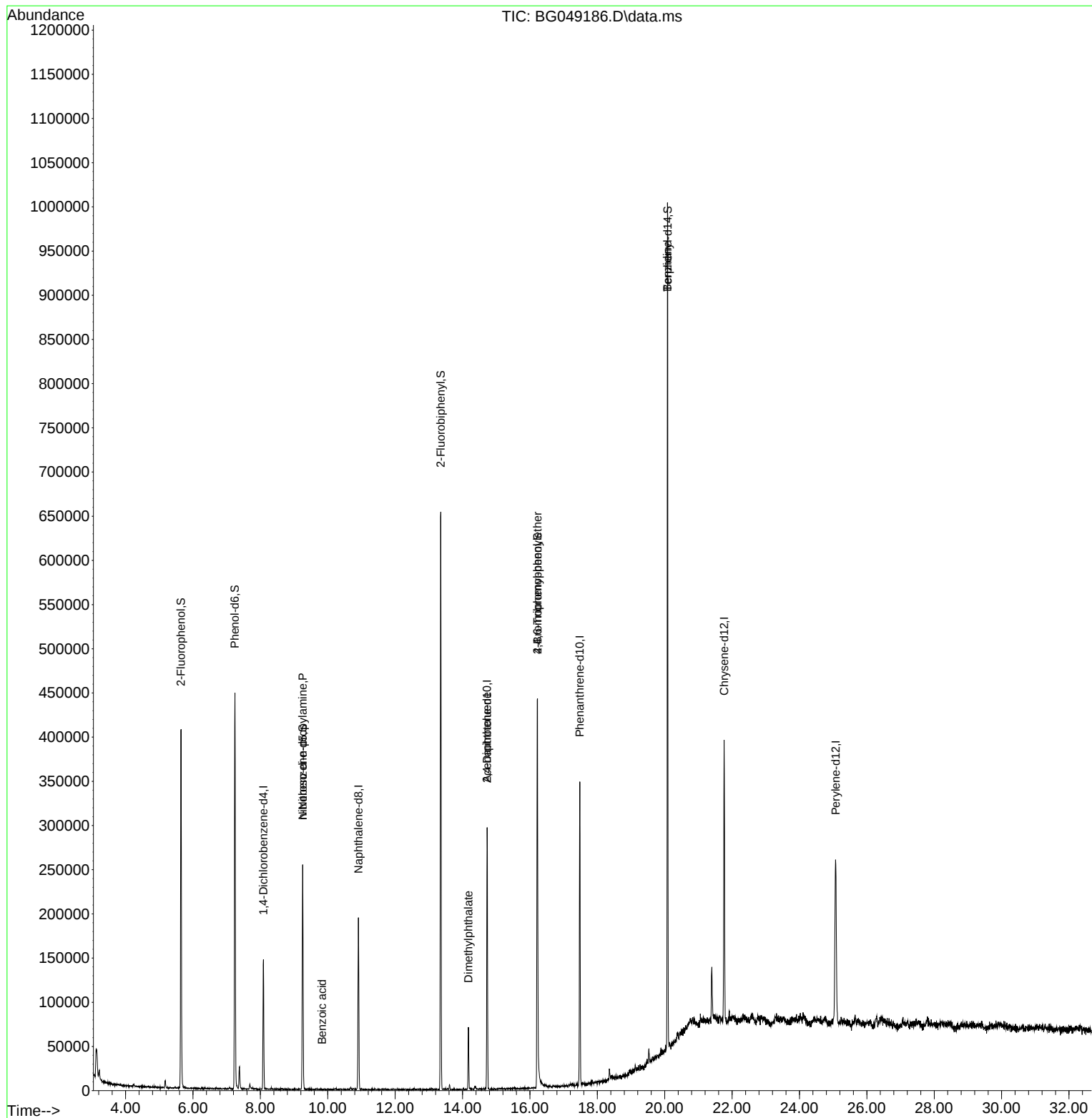
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.091	152	38174	20.000	ng	0.00
21) Naphthalene-d8	10.911	136	157017	20.000	ng	# 0.00
39) Acenaphthene-d10	14.730	164	108621	20.000	ng	0.00
64) Phenanthrene-d10	17.480	188	214438	20.000	ng	# 0.00
76) Chrysene-d12	21.763	240	198072	20.000	ng	0.00
86) Perylene-d12	25.071	264	212794	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.641	112	170613	70.002	ng	0.00
7) Phenol-d6	7.245	99	231873	66.730	ng	0.00
23) Nitrobenzene-d5	9.254	82	154302	41.664	ng	0.00
42) 2,4,6-Tribromophenol	16.222	330	106557	56.589	ng	0.00
45) 2-Fluorobiphenyl	13.355	172	345618	42.928	ng	0.00
79) Terphenyl-d14	20.088	244	468739	40.101	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.254	70	22271	8.918	ng	# 72
32) Benzoic acid	9.830	122	57	6.302	ng	# 1
50) Dimethylphthalate	14.172	163	43926	5.039	ng	96
57) 2,4-Dinitrotoluene	14.730	165	14132	4.978	ng	# 15
67) 4-Bromophenyl-phenylether	16.222	248	6693	2.314	ng	# 1
77) Benzidine	20.083	184	8762	2.059	ng	# 85

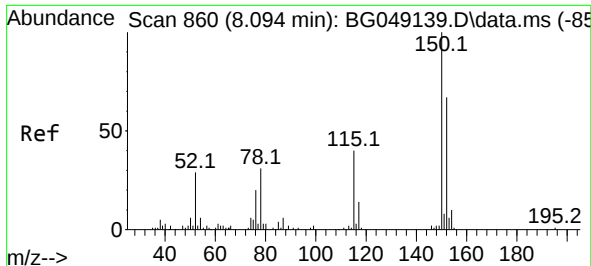
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 06 16:21:04 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

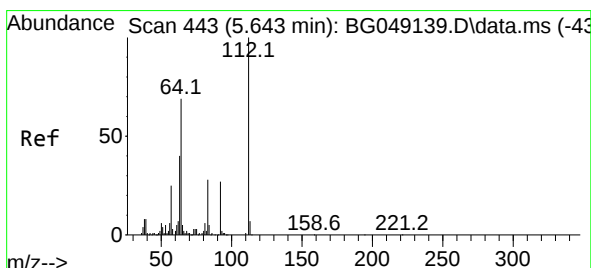
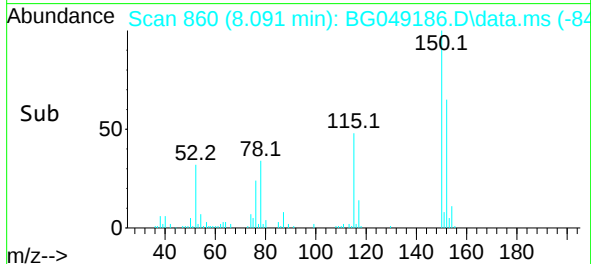
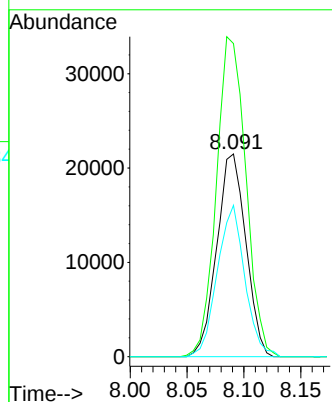
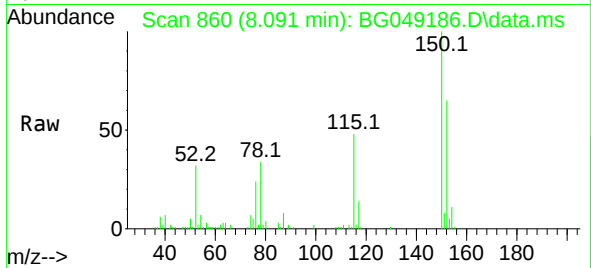




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.091 min Scan# 860
Delta R.T. -0.000 min
Lab File: BG049186.D
Acq: 6 Jul 2021 15:28

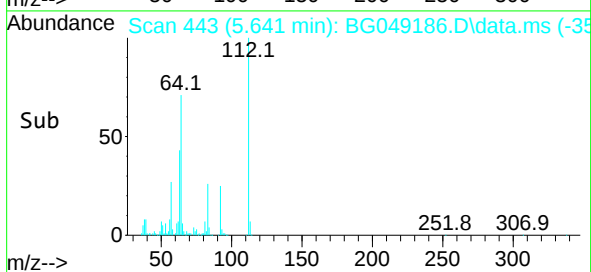
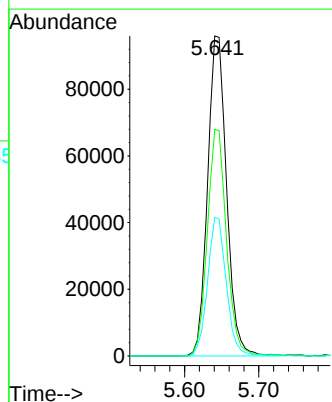
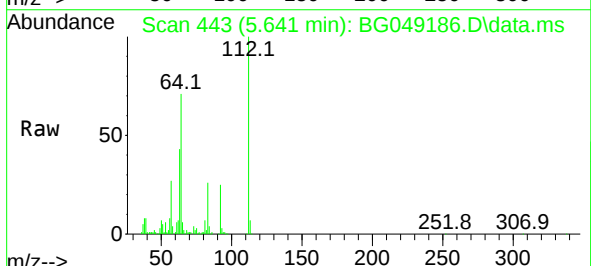
Instrument :
BNA_G
ClientSampleId :
4

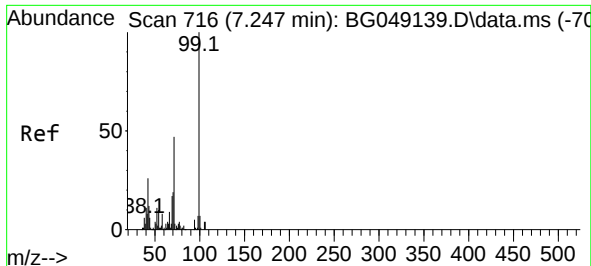
Tgt Ion:152 Resp: 38174
Ion Ratio Lower Upper
152 100
150 154.4 119.4 179.0
115 74.6 60.2 90.4



#5
2-Fluorophenol
Concen: 70.002 ng
RT: 5.641 min Scan# 443
Delta R.T. 0.006 min
Lab File: BG049186.D
Acq: 6 Jul 2021 15:28

Tgt Ion:112 Resp: 170613
Ion Ratio Lower Upper
112 100
64 70.8 46.7 70.1#
63 43.4 35.3 52.9

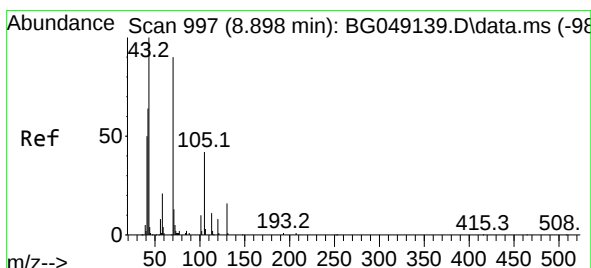
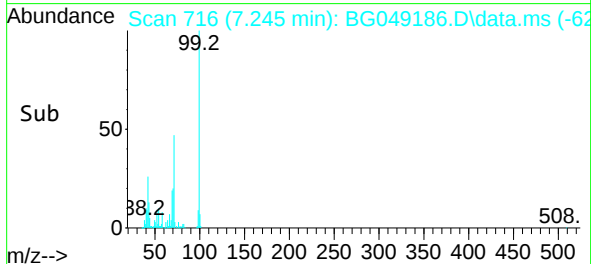
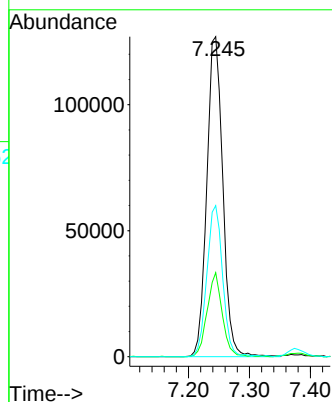
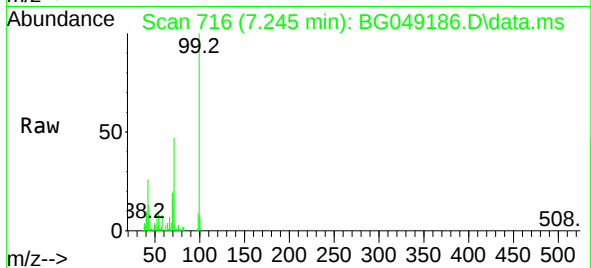




#7
Phenol-d6
Concen: 66.730 ng
RT: 7.245 min Scan# 716
Delta R.T. 0.006 min
Lab File: BG049186.D
Acq: 6 Jul 2021 15:28

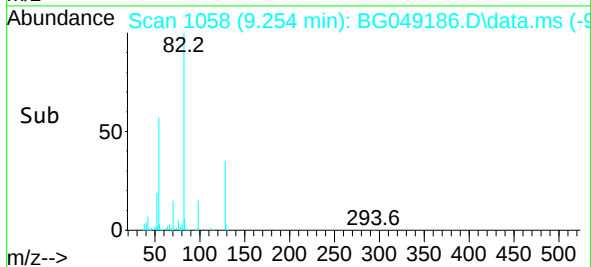
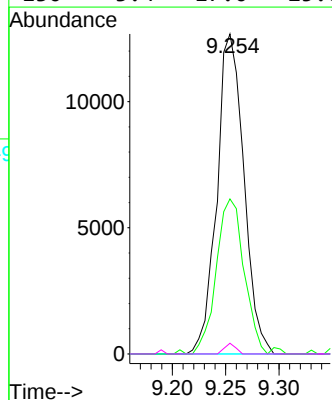
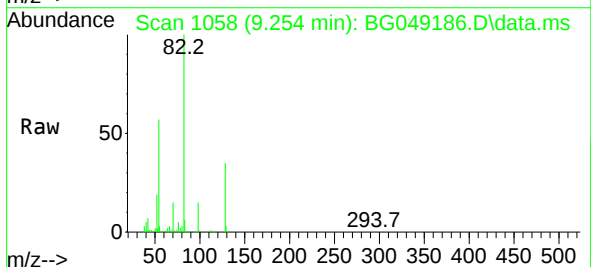
Instrument :
BNA_G
ClientSampled :
4

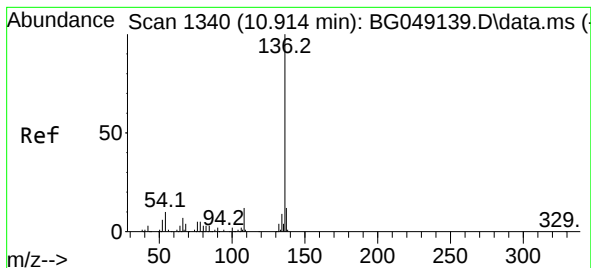
Tgt Ion: 99 Resp: 231873
Ion Ratio Lower Upper
99 100
42 26.3 20.5 30.7
71 47.2 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 8.918 ng
RT: 9.254 min Scan# 1058
Delta R.T. 0.359 min
Lab File: BG049186.D
Acq: 6 Jul 2021 15:28

Tgt Ion: 70 Resp: 22271
Ion Ratio Lower Upper
70 100
42 48.4 54.5 81.7#
101 0.0 9.0 13.6#
130 3.4 17.0 25.6#

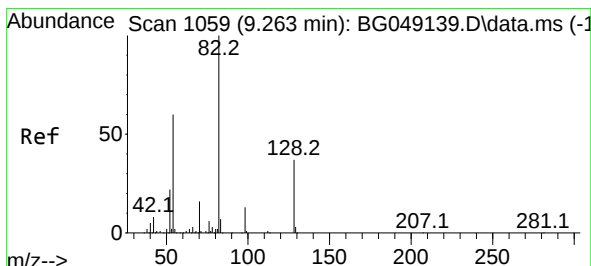
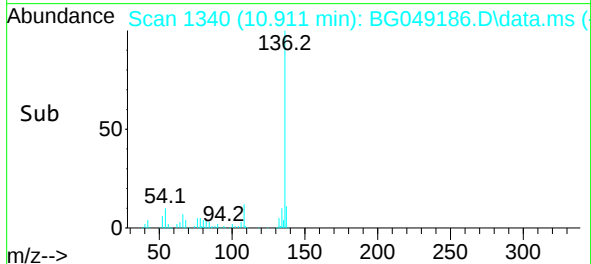
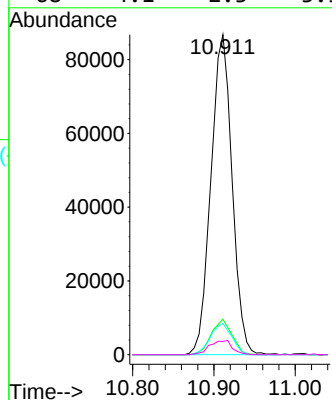
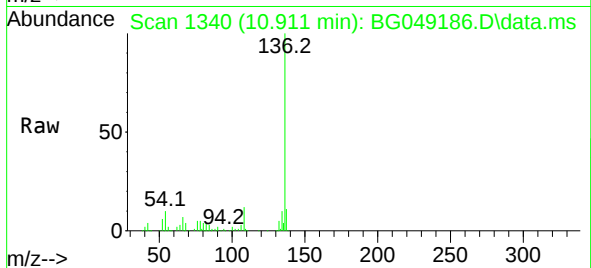




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.911 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BG049186.D
Acq: 6 Jul 2021 15:28

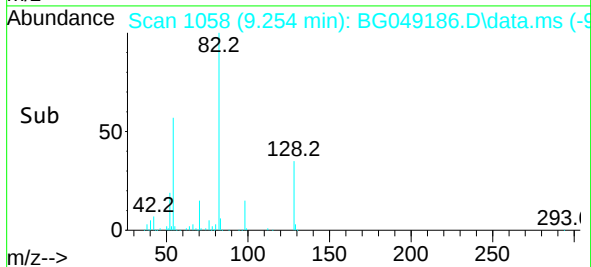
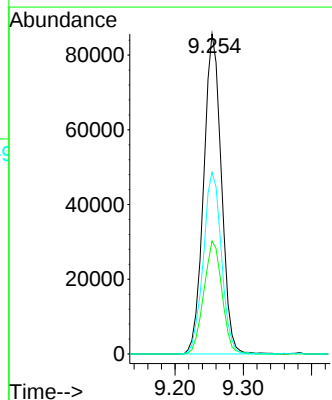
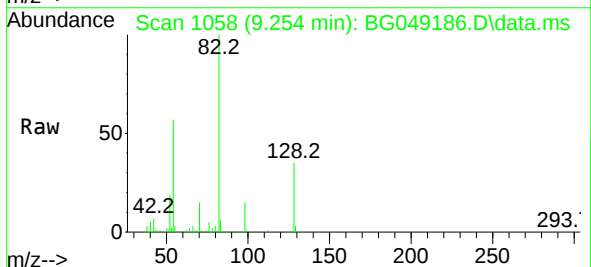
Instrument :
BNA_G
ClientSampled :
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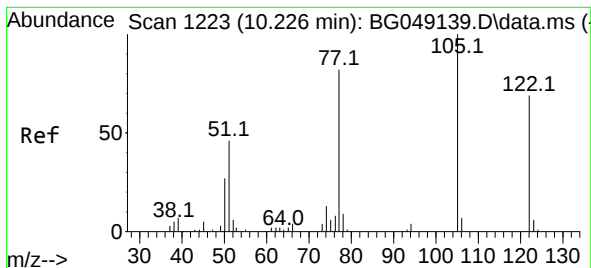
Tgt Ion:136 Resp: 157017
Ion Ratio Lower Upper
136 100
137 11.1 8.2 12.2
54 9.7 5.5 8.3#
68 4.1 2.3 3.5#



#23
Nitrobenzene-d5
Concen: 41.664 ng
RT: 9.254 min Scan# 1058
Delta R.T. 0.000 min
Lab File: BG049186.D
Acq: 6 Jul 2021 15:28

Tgt Ion: 82 Resp: 154302
Ion Ratio Lower Upper
82 100
128 35.4 29.8 44.6
54 56.8 45.8 68.8





#32

Benzoic acid

Concen: 6.302 ng

RT: 9.830 min Scan# 1156

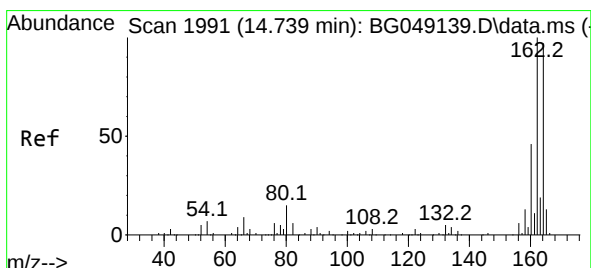
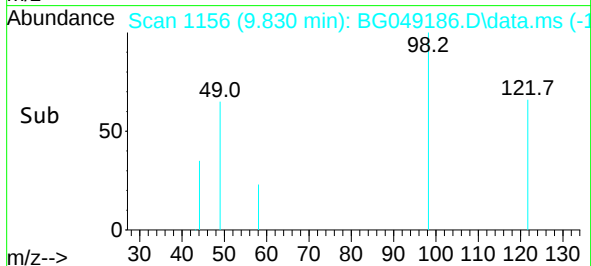
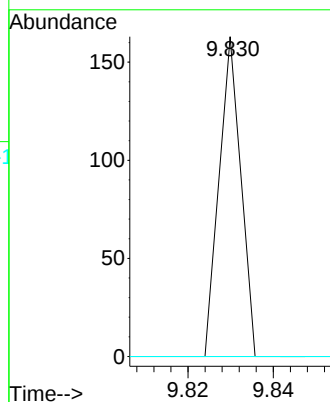
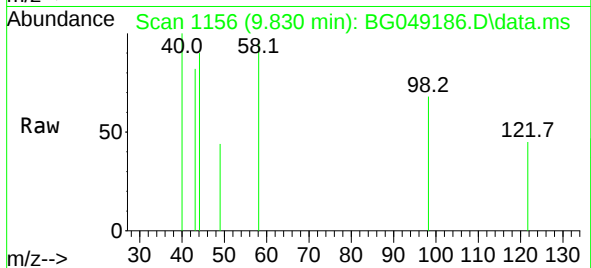
Delta R.T. -0.393 min

Lab File: BG049186.D

Acq: 6 Jul 2021 15:28

Tgt Ion:122	Resp:	57
Ion Ratio	Lower	Upper
122	100	
105	0.0	92.3 132.3#
77	0.0	66.5 106.5#

Instrument :
BNA_G
ClientSampleId :
4



#39

Acenaphthene-d10

Concen: 20.000 ng

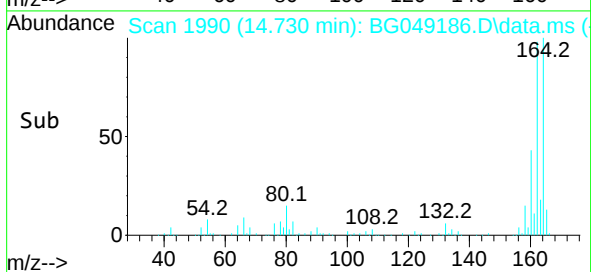
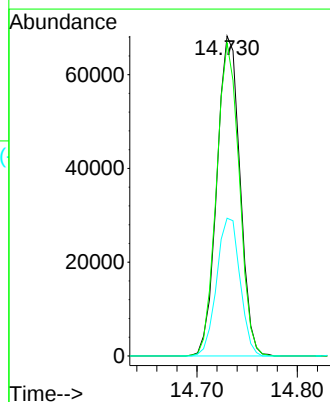
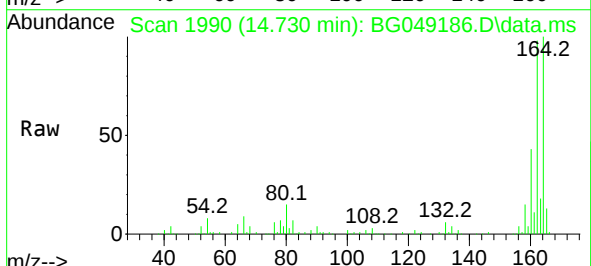
RT: 14.730 min Scan# 1990

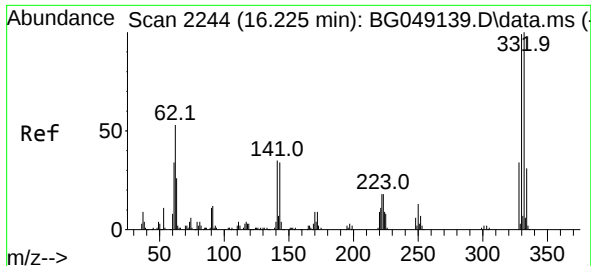
Delta R.T. 0.000 min

Lab File: BG049186.D

Acq: 6 Jul 2021 15:28

Tgt Ion:164	Resp:	108621
Ion Ratio	Lower	Upper
164	100	
162	97.8	81.4 122.0
160	43.1	34.9 52.3

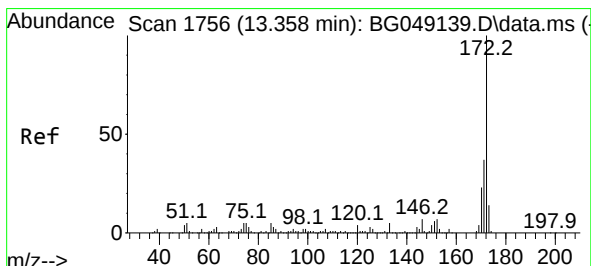
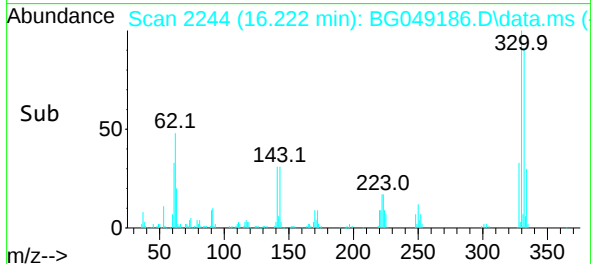
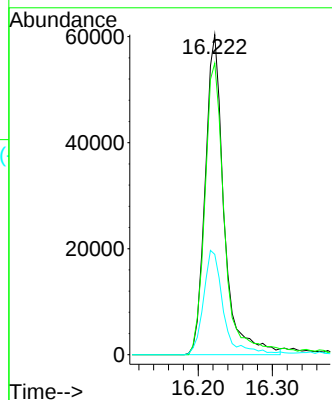
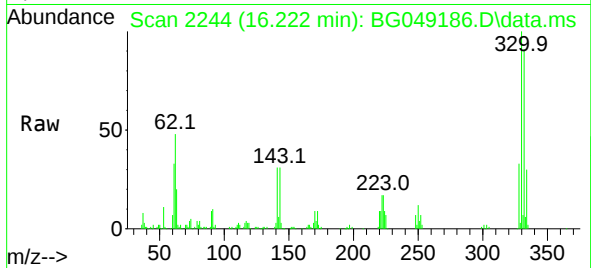




#42
2,4,6-Tribromophenol
Concen: 56.589 ng
RT: 16.222 min Scan# 2244
Delta R.T. 0.006 min
Lab File: BG049186.D
Acq: 6 Jul 2021 15:28

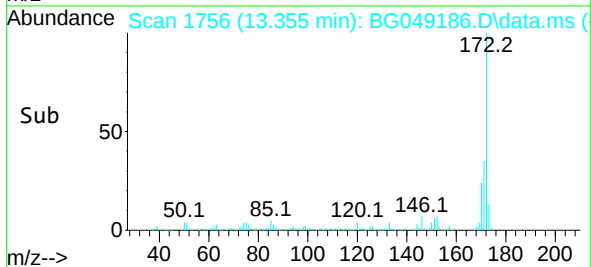
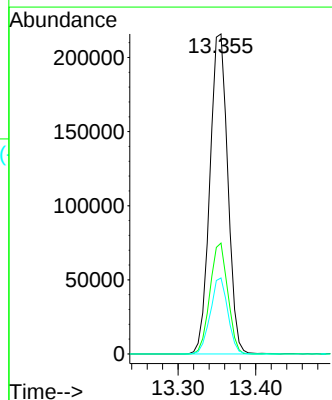
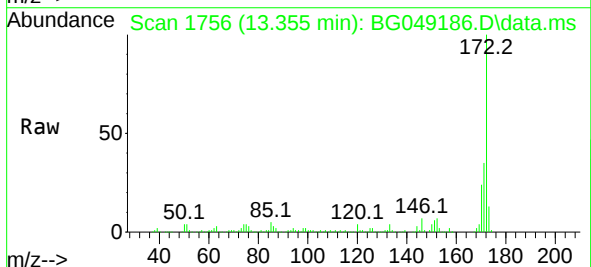
Instrument :
BNA_G
ClientSampleId :
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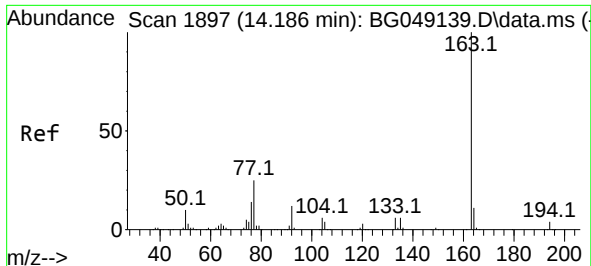
Tgt Ion:330 Resp: 106557
Ion Ratio Lower Upper
330 100
332 96.0 77.3 115.9
141 34.5 35.6 53.4#



#45
2-Fluorobiphenyl
Concen: 42.928 ng
RT: 13.355 min Scan# 1756
Delta R.T. 0.006 min
Lab File: BG049186.D
Acq: 6 Jul 2021 15:28

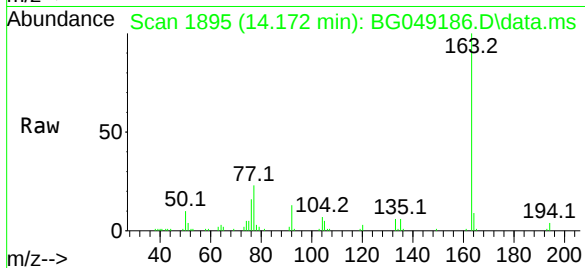
Tgt Ion:172 Resp: 345618
Ion Ratio Lower Upper
172 100
171 34.7 28.6 43.0
170 23.7 18.6 27.8



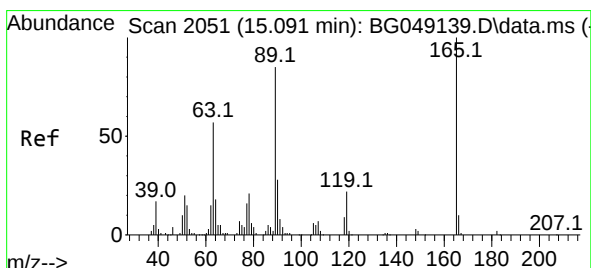
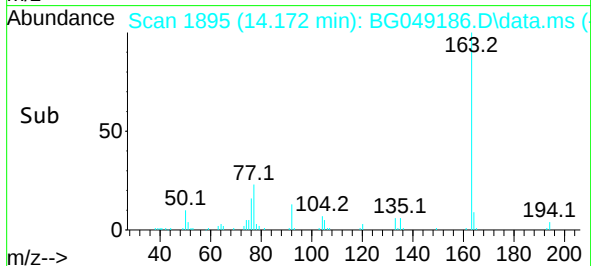
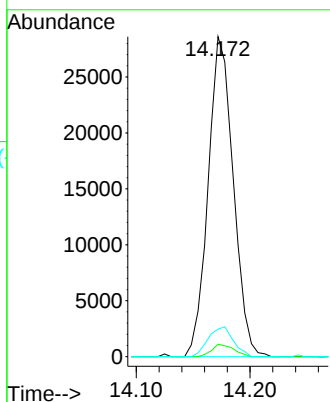


#50
Dimethylphthalate
Concen: 5.039 ng
RT: 14.172 min Scan# 1895
Delta R.T. -0.006 min
Lab File: BG049186.D
Acq: 6 Jul 2021 15:28

Instrument :
BNA_G
ClientSampleId :
4

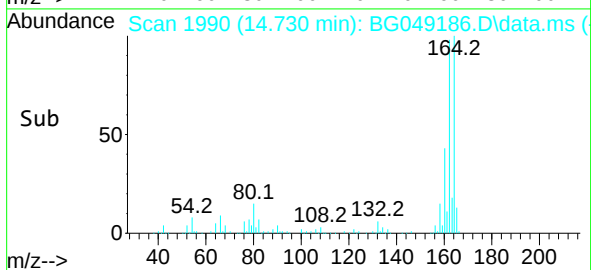
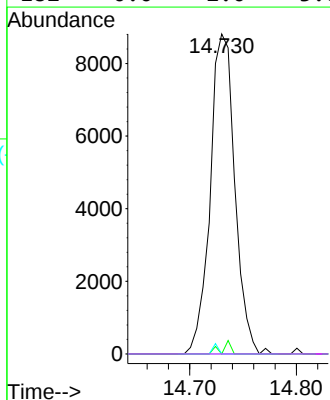
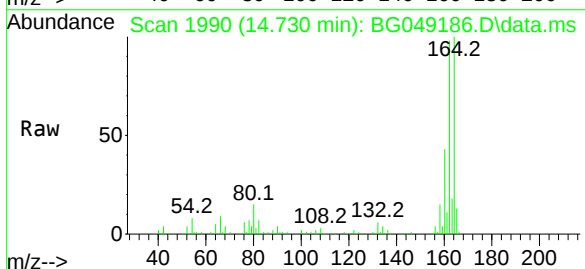


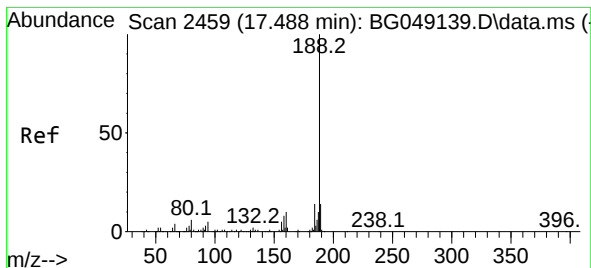
Tgt Ion:163 Resp: 43926
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 8.6 8.6 12.8



#57
2,4-Dinitrotoluene
Concen: 4.978 ng
RT: 14.730 min Scan# 1990
Delta R.T. -0.352 min
Lab File: BG049186.D
Acq: 6 Jul 2021 15:28

Tgt Ion:165 Resp: 14132
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#

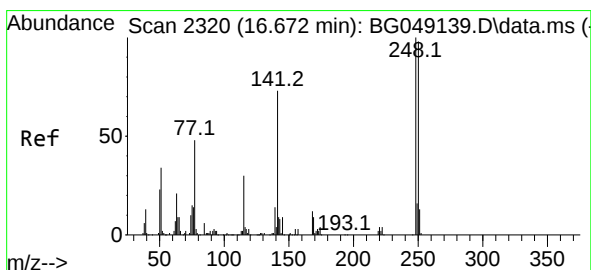
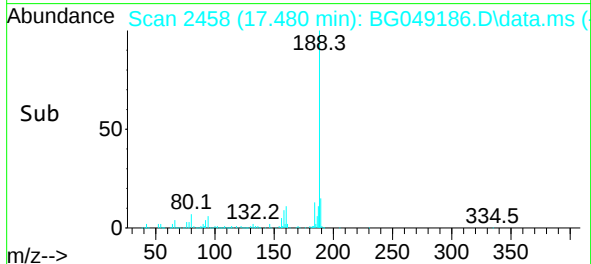
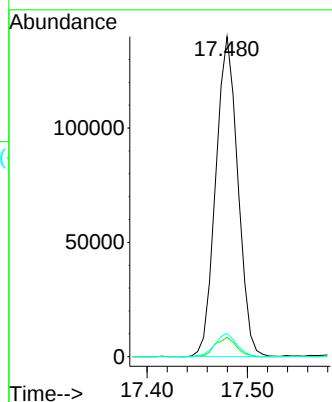
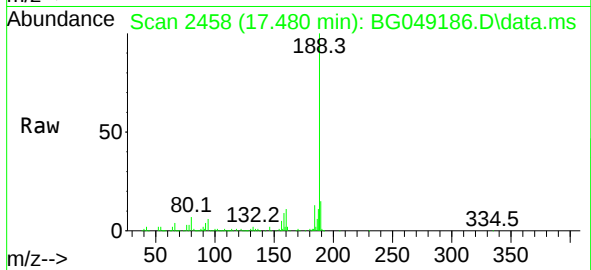




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.480 min Scan# 2458
Delta R.T. 0.000 min
Lab File: BG049186.D
Acq: 6 Jul 2021 15:28

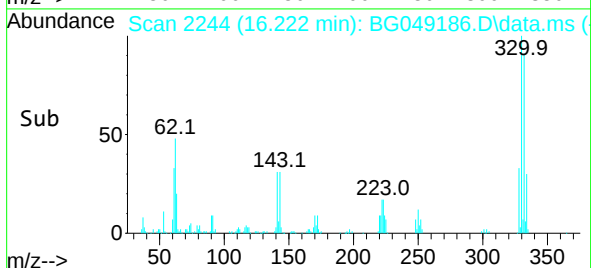
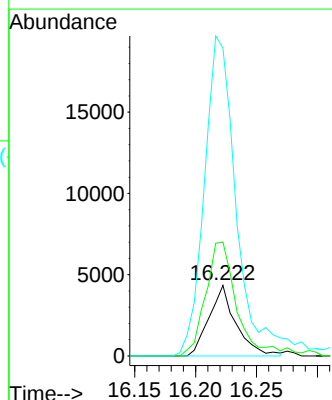
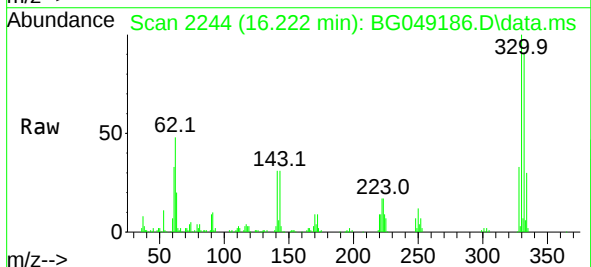
Instrument :
BNA_G
ClientSampled :
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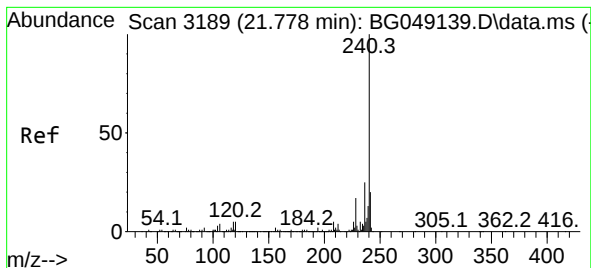
Tgt Ion:188 Resp: 214438
Ion Ratio Lower Upper
188 100
94 6.1 5.4 8.0
80 7.2 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 2.314 ng
RT: 16.222 min Scan# 2244
Delta R.T. -0.440 min
Lab File: BG049186.D
Acq: 6 Jul 2021 15:28

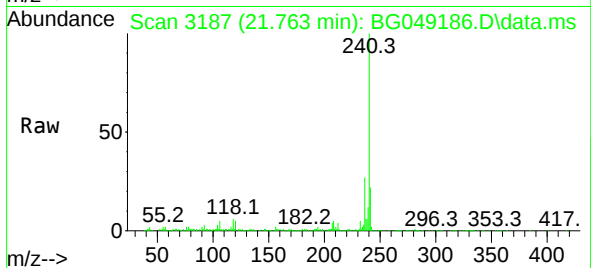
Tgt Ion:248 Resp: 6693
Ion Ratio Lower Upper
248 100
250 161.5 76.1 114.1#
141 436.2 65.4 98.2#



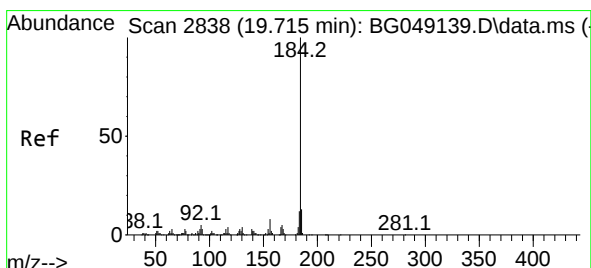
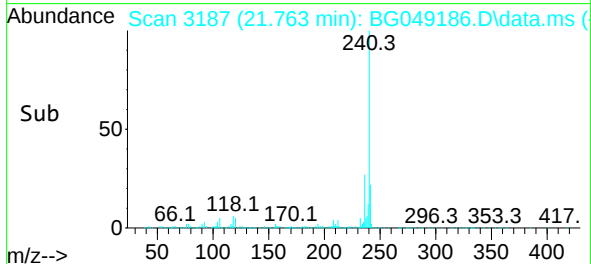
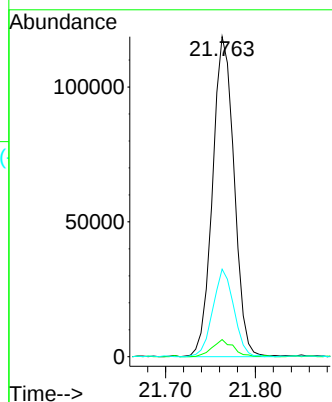


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.763 min Scan# 3187
Delta R.T. 0.000 min
Lab File: BG049186.D
Acq: 6 Jul 2021 15:28

Instrument :
BNA_G
ClientSampled :
4

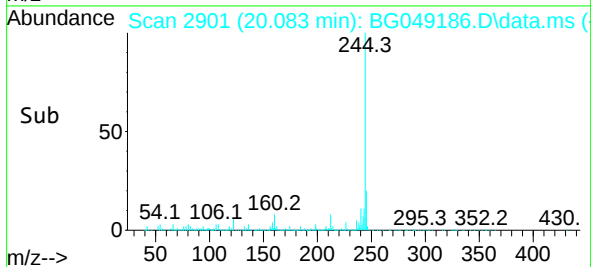
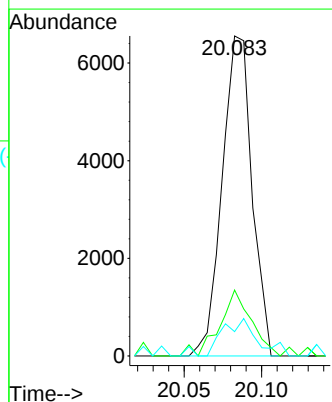
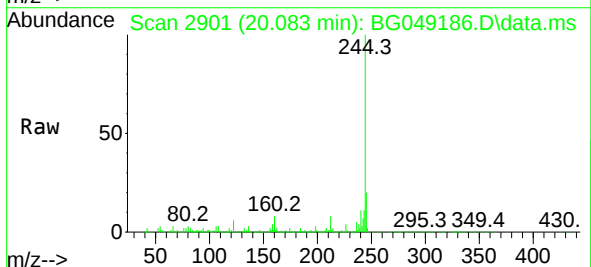


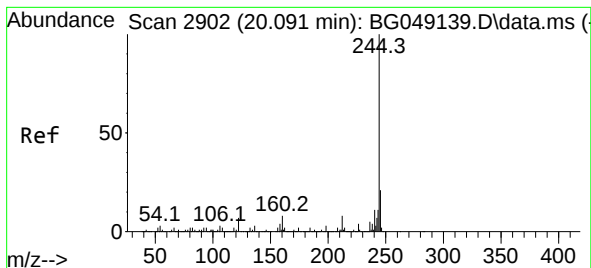
Tgt Ion:240 Resp: 198072
Ion Ratio Lower Upper
240 100
120 5.3 4.2 6.2
236 27.3 21.8 32.6



#77
Benzidine
Concen: 2.059 ng
RT: 20.083 min Scan# 2901
Delta R.T. 0.376 min
Lab File: BG049186.D
Acq: 6 Jul 2021 15:28

Tgt Ion:184 Resp: 8762
Ion Ratio Lower Upper
184 100
185 20.6 10.7 16.1#
183 7.6 9.4 14.0#





#79

Terphenyl-d14

Concen: 40.101 ng

RT: 20.088 min Scan# 2902

Delta R.T. 0.006 min

Lab File: BG049186.D

Acq: 6 Jul 2021 15:28

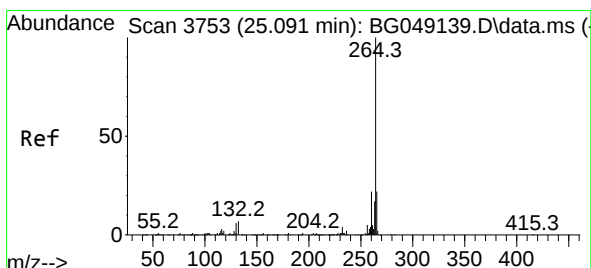
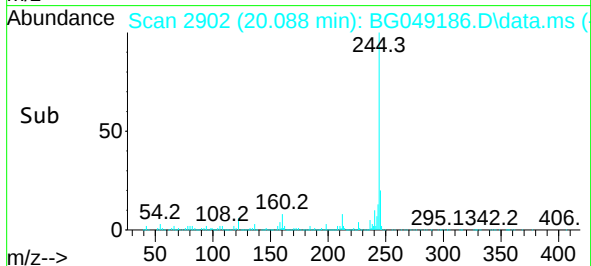
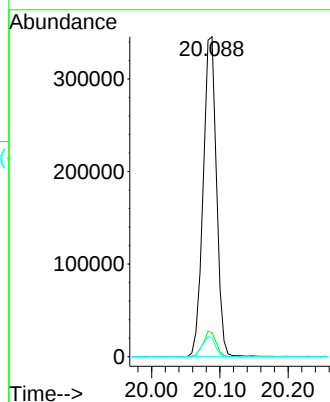
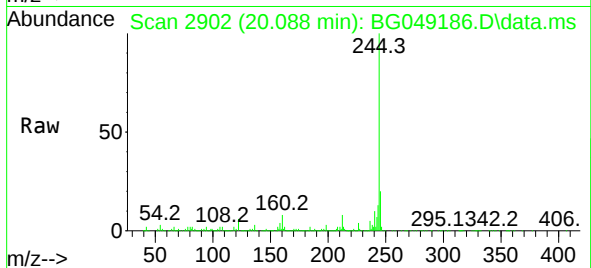
Tgt Ion:244 Resp: 468739

Ion Ratio Lower Upper

244 100

212 7.5 6.9 10.3

122 5.9 5.0 7.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.071 min Scan# 3750

Delta R.T. 0.006 min

Lab File: BG049186.D

Acq: 6 Jul 2021 15:28

Tgt Ion:264 Resp: 212794

Ion Ratio Lower Upper

264 100

260 25.2 19.4 29.2

265 20.8 16.9 25.3

