

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082521\
 Data File : BG049966.D
 Acq On : 25 Aug 2021 13:12
 Operator : CG/JU
 Sample : PB18714BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB138714BL

Quant Time: Aug 25 16:57:23 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 23 16:13:24 2021
 Response via : Initial Calibration

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

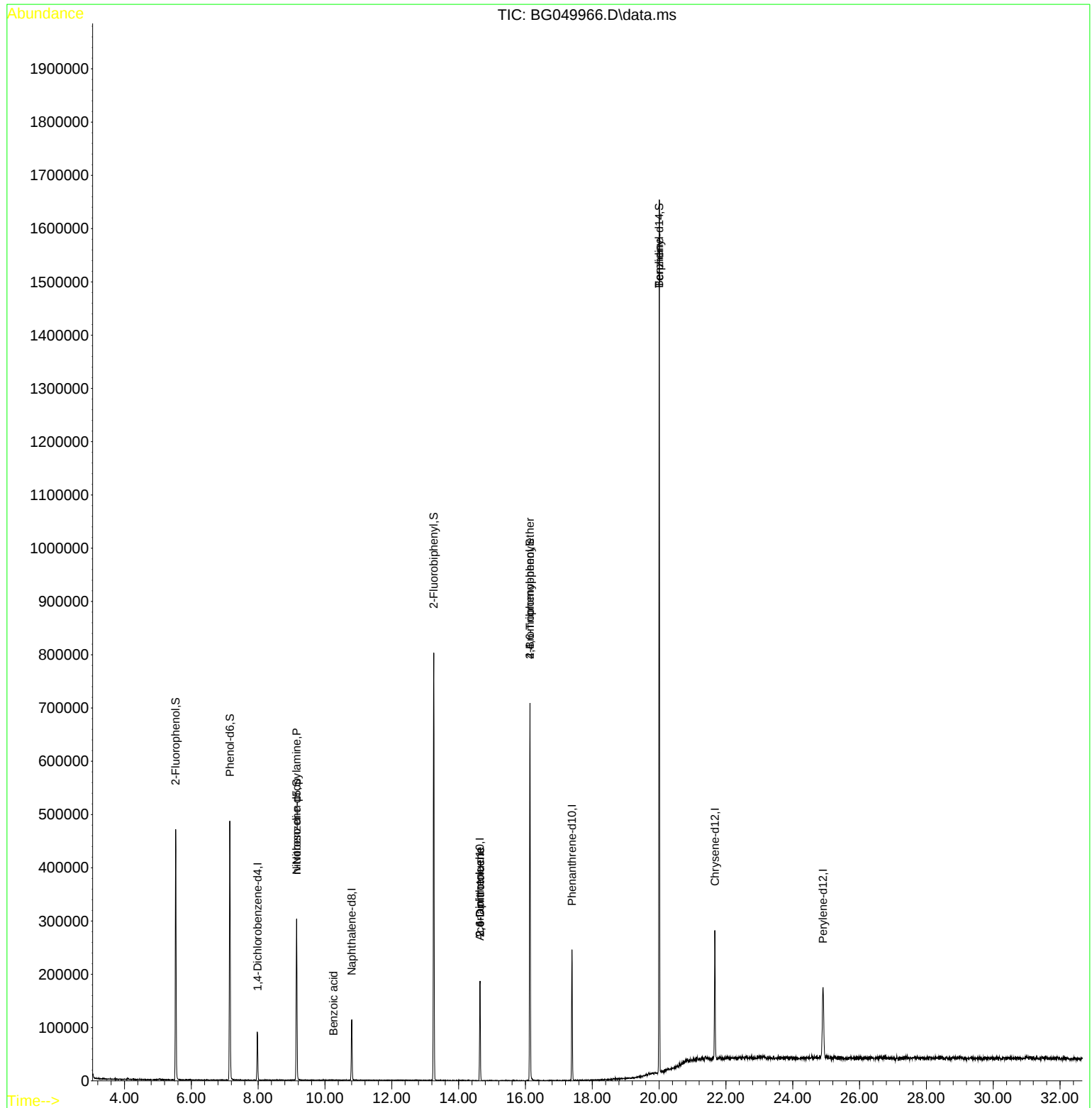
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.982	152	24700	20.000	ng	0.00
21) Naphthalene-d8	10.801	136	96272	20.000	ng	#-0.01
39) Acenaphthene-d10	14.637	164	68315	20.000	ng	-0.01
64) Phenanthrene-d10	17.392	188	156023	20.000	ng	#-0.01
76) Chrysene-d12	21.669	240	142921	20.000	ng	-0.01
86) Perylene-d12	24.906	264	144264	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.532	112	195833	142.126	ng	0.00
7) Phenol-d6	7.153	99	265051	127.077	ng	0.00
23) Nitrobenzene-d5	9.151	82	186755	85.841	ng	-0.01
42) 2,4,6-Tribromophenol	16.135	330	143412	142.821	ng	-0.01
45) 2-Fluorobiphenyl	13.257	172	417646	88.957	ng	0.00
79) Terphenyl-d14	20.007	244	751277	95.470	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.151	70	27889	19.981	ng	# 77
32) Benzoic acid	10.255	122	60	5.005	ng	# 1
51) 2,6-Dinitrotoluene	14.643	165	9222	8.126	ng	# 10
57) 2,4-Dinitrotoluene	14.643	165	9222	5.786	ng	# 15
67) 4-Bromophenyl-phenylether	16.135	248	8813	4.796	ng	# 1
77) Benzidine	20.007	184	15745	4.300	ng	99

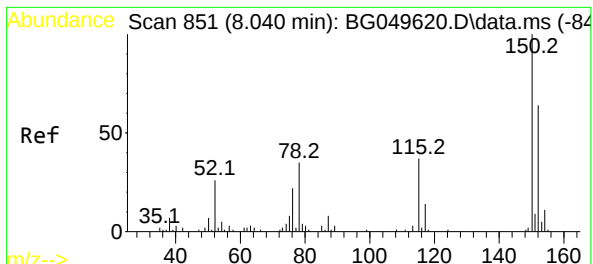
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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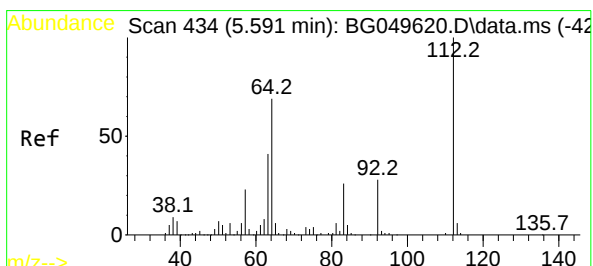
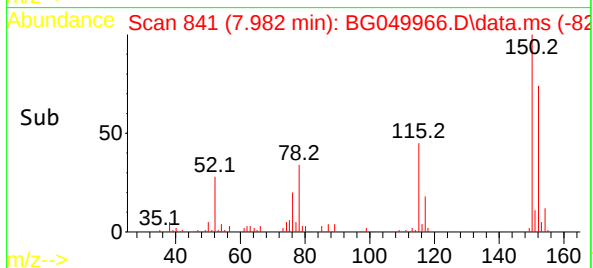
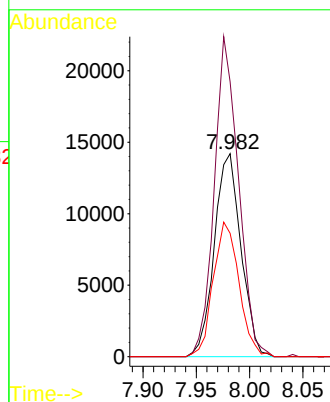
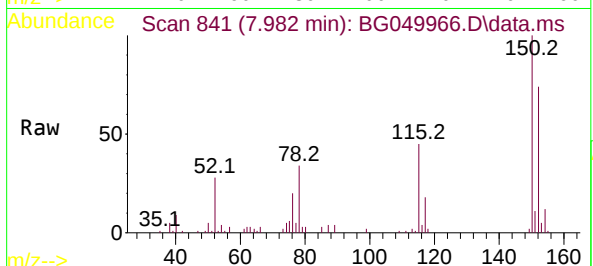




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.982 min Scan# 841
Delta R.T. -0.004 min
Lab File: BG049966.D
Acq: 25 Aug 2021 13:12

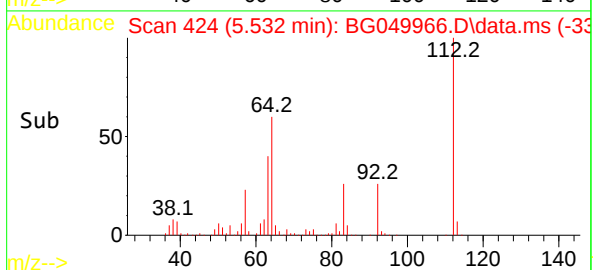
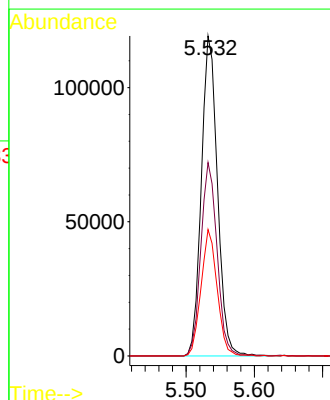
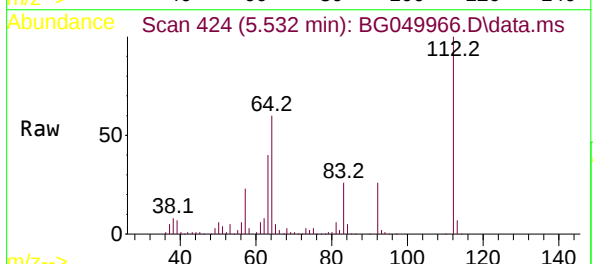
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BNA_G
ClientSampleId :
PB138714BL

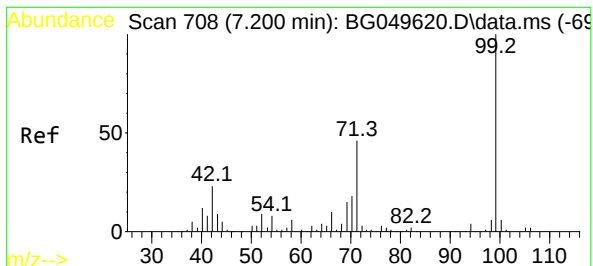
Tgt Ion:152 Resp: 24700
Ion Ratio Lower Upper
152 100
150 135.5 119.4 179.0
115 60.8 60.2 90.4



#5
2-Fluorophenol
Concen: 142.126 ng
RT: 5.532 min Scan# 424
Delta R.T. -0.004 min
Lab File: BG049966.D
Acq: 25 Aug 2021 13:12

Tgt Ion:112 Resp: 195833
Ion Ratio Lower Upper
112 100
64 60.5 46.7 70.1
63 39.5 35.3 52.9

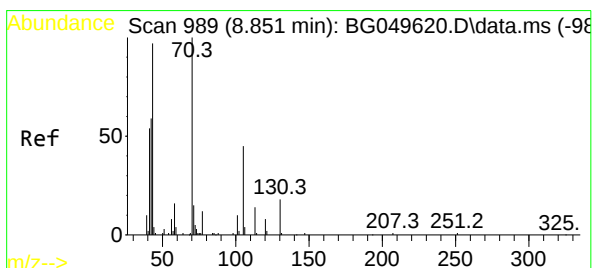
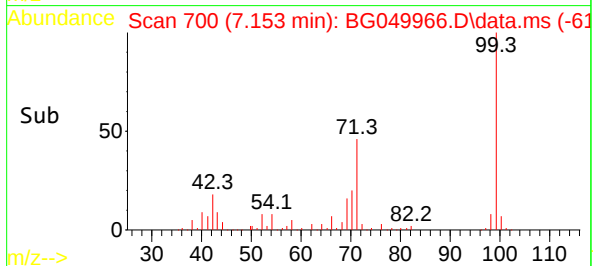
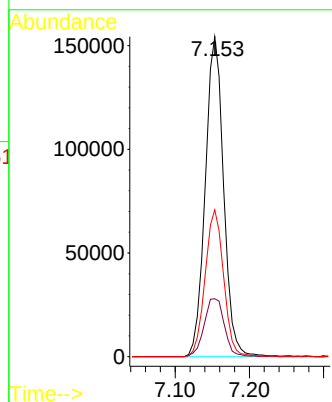
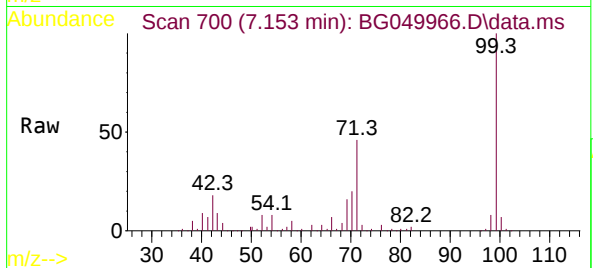




#7
Phenol-d6
Concen: 127.077 ng
RT: 7.153 min Scan# 700
Delta R.T. -0.004 min
Lab File: BG049966.D
Acq: 25 Aug 2021 13:12

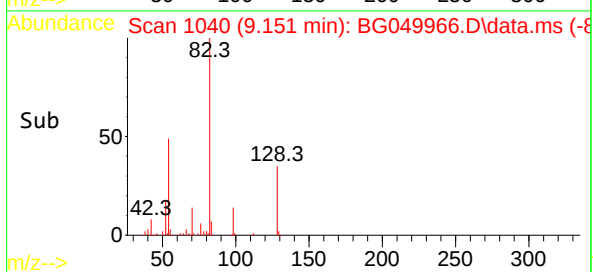
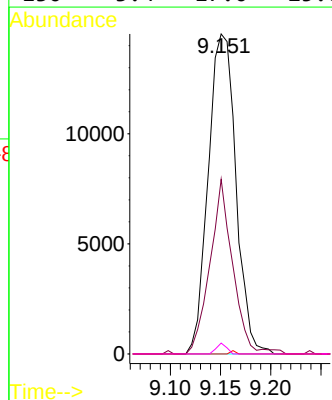
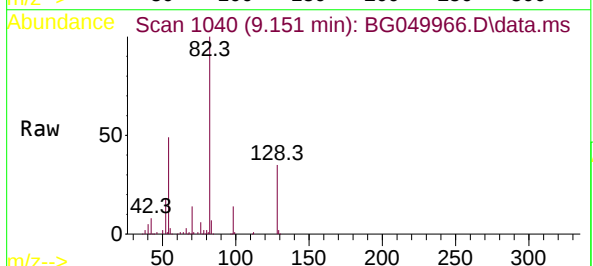
Instrument :
BNA_G
ClientSampleId :
PB138714BL

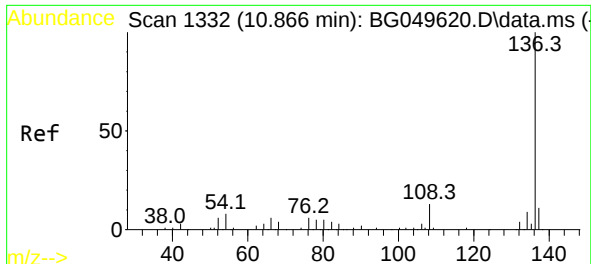
Tgt Ion: 99 Resp: 265051
Ion Ratio Lower Upper
99 100
42 18.1 20.5 30.7#
71 45.9 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 19.981 ng
RT: 9.151 min Scan# 1040
Delta R.T. 0.354 min
Lab File: BG049966.D
Acq: 25 Aug 2021 13:12

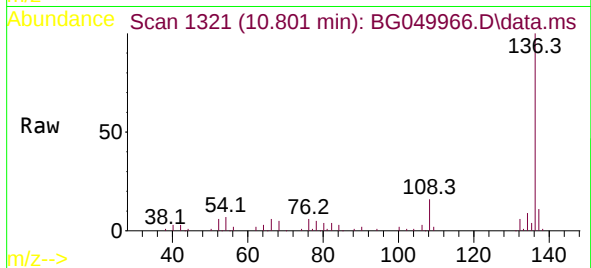
Tgt Ion: 70 Resp: 27889
Ion Ratio Lower Upper
70 100
42 54.6 54.5 81.7
101 0.0 9.0 13.6#
130 3.4 17.0 25.6#



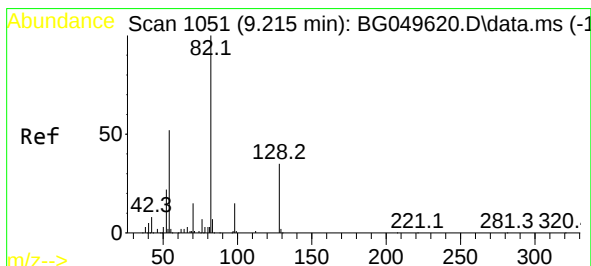
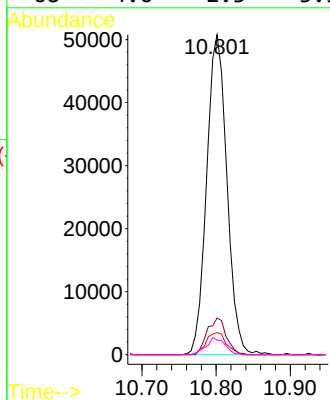
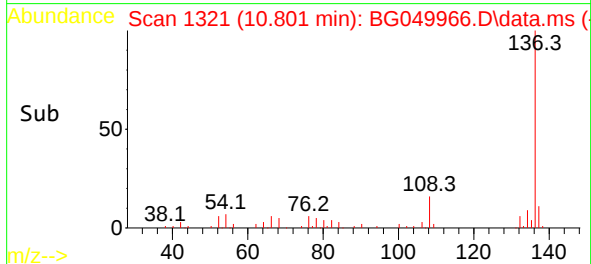


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.801 min Scan# 1321
Delta R.T. -0.010 min
Lab File: BG049966.D
Acq: 25 Aug 2021 13:12

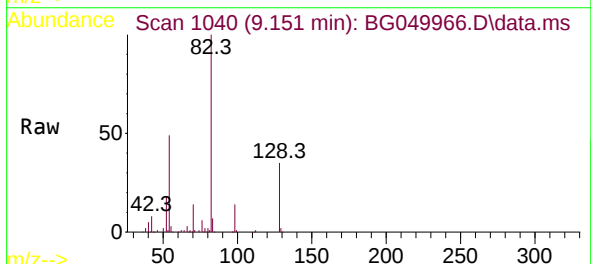
Instrument :
BNA_G
ClientSampleId :
PB138714BL



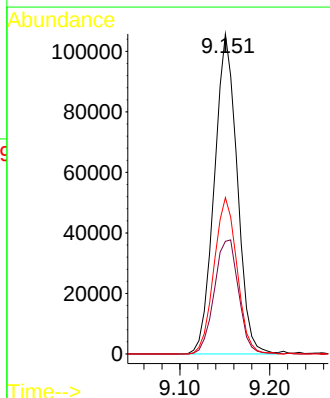
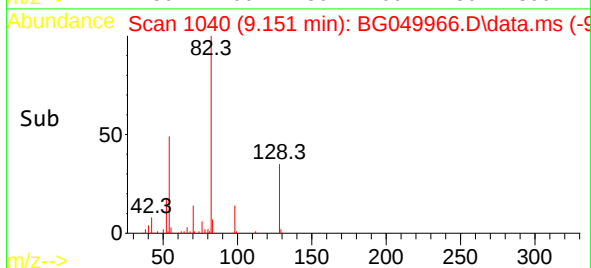
Tgt Ion:136 Resp: 96272
Ion Ratio Lower Upper
136 100
137 11.4 8.2 12.2
54 6.9 5.5 8.3
68 4.6 2.3 3.5#

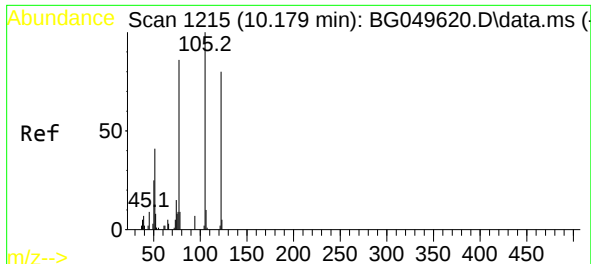


#23
Nitrobenzene-d5
Concen: 85.841 ng
RT: 9.151 min Scan# 1040
Delta R.T. -0.010 min
Lab File: BG049966.D
Acq: 25 Aug 2021 13:12



Tgt Ion: 82 Resp: 186755
Ion Ratio Lower Upper
82 100
128 35.2 29.8 44.6
54 48.9 45.8 68.8

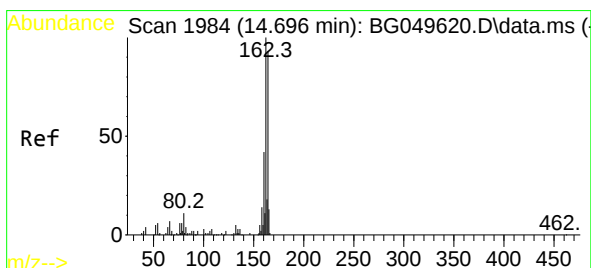
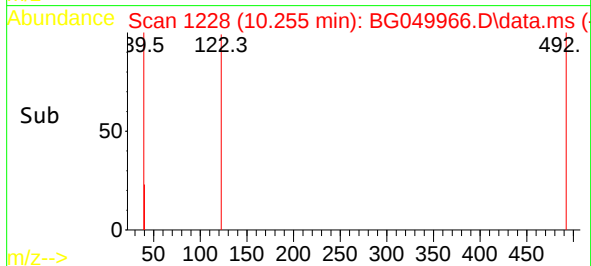
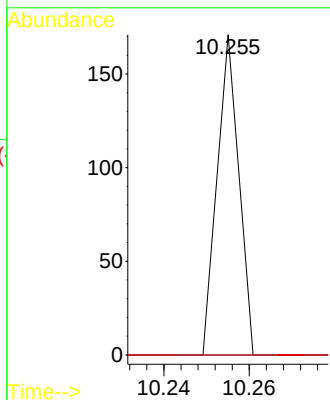
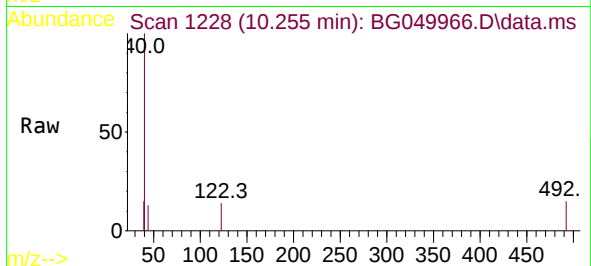




#32
Benzoic acid
Concen: 5.005 ng
RT: 10.255 min Scan# 1228
Delta R.T. 0.119 min
Lab File: BG049966.D
Acq: 25 Aug 2021 13:12

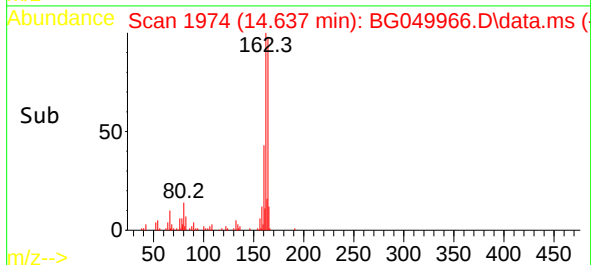
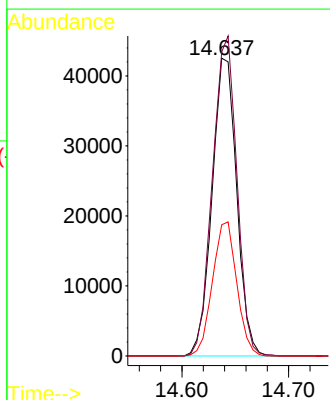
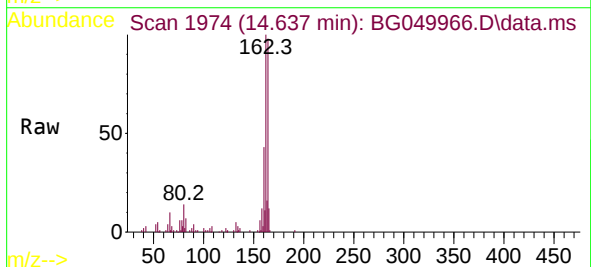
Instrument :
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ClientSampleId :
PB138714BL

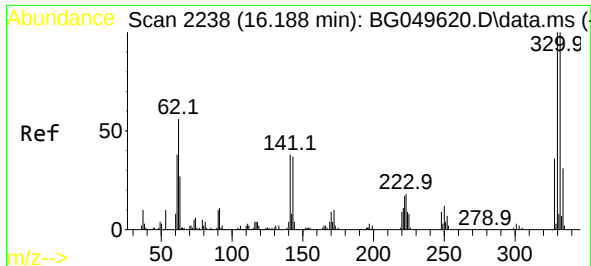
Tgt Ion:122 Resp: 60
Ion Ratio Lower Upper
122 100
105 0.0 92.3 132.3#
77 0.0 66.5 106.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.637 min Scan# 1974
Delta R.T. -0.010 min
Lab File: BG049966.D
Acq: 25 Aug 2021 13:12

Tgt Ion:164 Resp: 68315
Ion Ratio Lower Upper
164 100
162 102.1 81.4 122.0
160 44.1 34.9 52.3

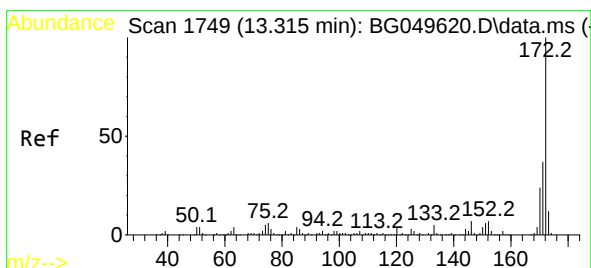
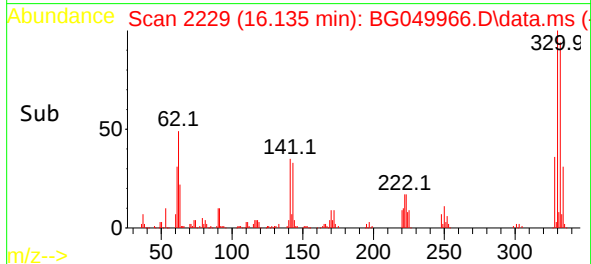
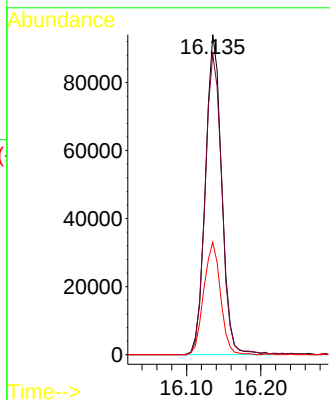
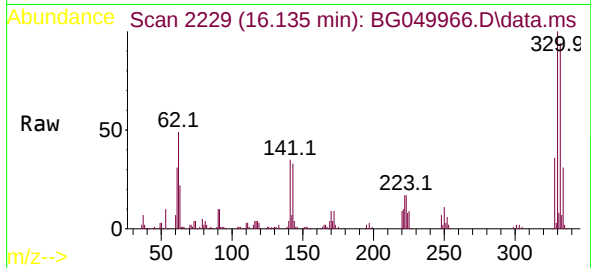




#42
2,4,6-Tribromophenol
Concen: 142.821 ng
RT: 16.135 min Scan# 2229
Delta R.T. -0.010 min
Lab File: BG049966.D
Acq: 25 Aug 2021 13:12

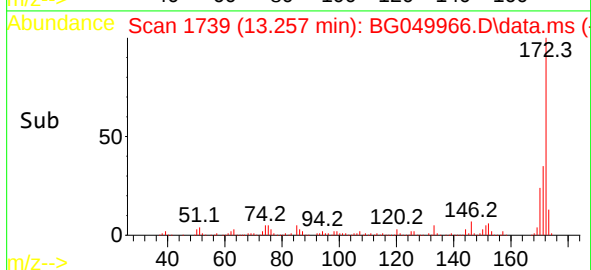
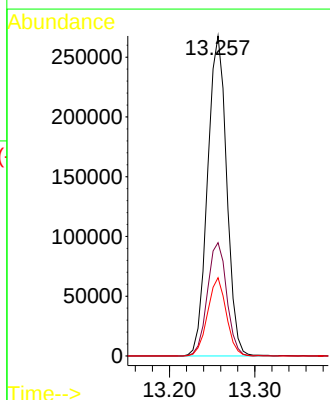
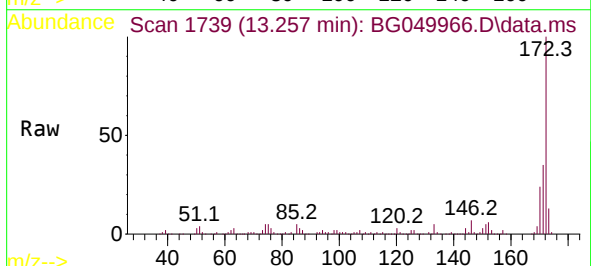
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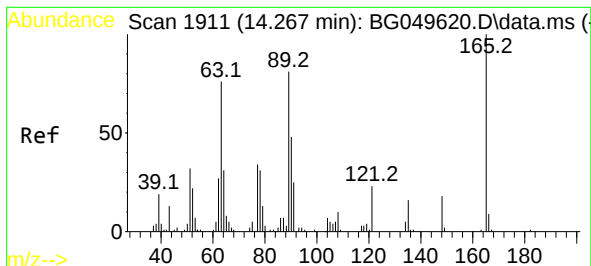
Tgt Ion:330 Resp: 143412
Ion Ratio Lower Upper
330 100
332 96.7 77.3 115.9
141 35.9 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 88.957 ng
RT: 13.257 min Scan# 1739
Delta R.T. -0.004 min
Lab File: BG049966.D
Acq: 25 Aug 2021 13:12

Tgt Ion:172 Resp: 417646
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 24.5 18.6 27.8

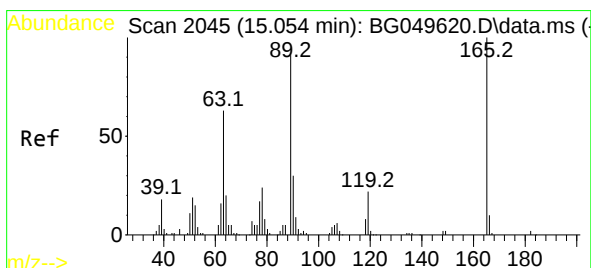
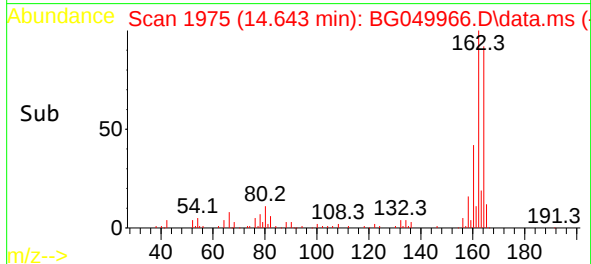
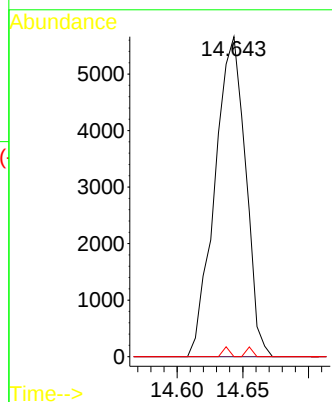
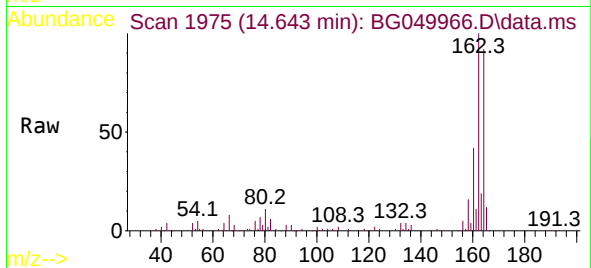




#51
2,6-Dinitrotoluene
Concen: 8.126 ng
RT: 14.643 min Scan# 1975
Delta R.T. 0.419 min
Lab File: BG049966.D
Acq: 25 Aug 2021 13:12

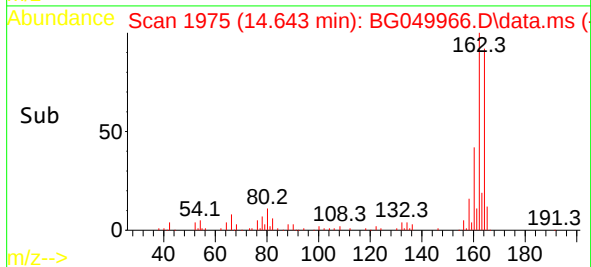
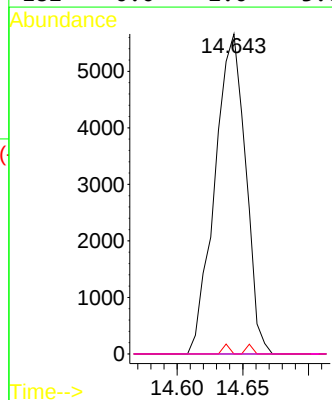
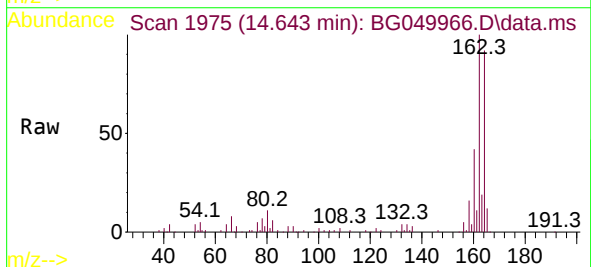
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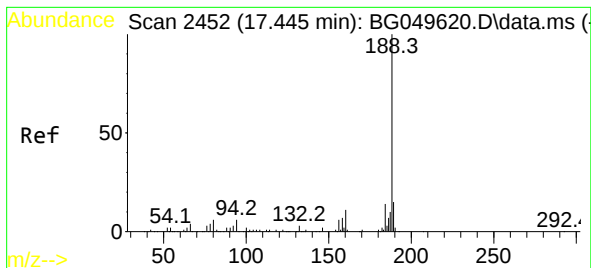
Tgt Ion:165 Resp: 9222
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 5.786 ng
RT: 14.643 min Scan# 1975
Delta R.T. -0.374 min
Lab File: BG049966.D
Acq: 25 Aug 2021 13:12

Tgt Ion:165 Resp: 9222
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#

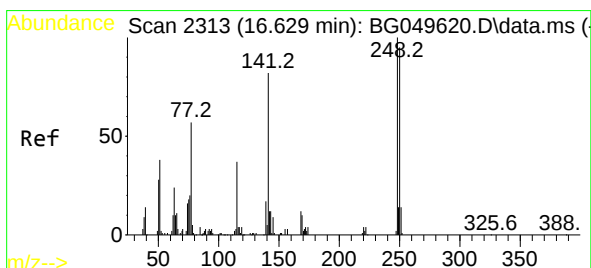
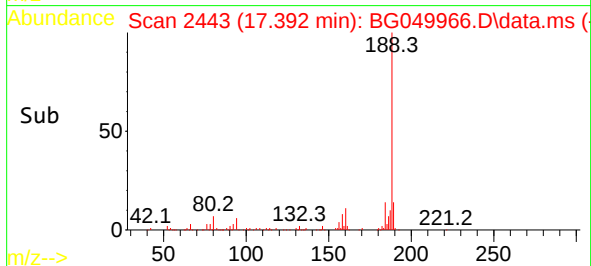
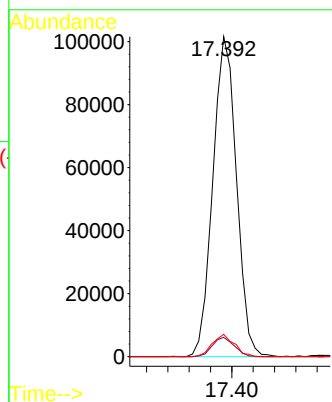
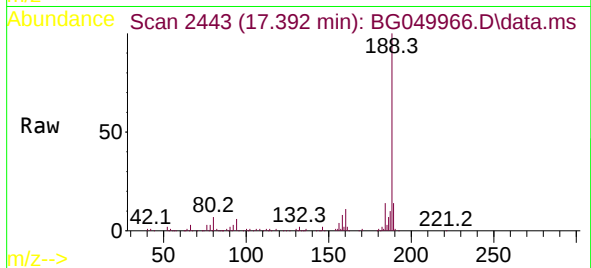




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.392 min Scan# 2443
Delta R.T. -0.010 min
Lab File: BG049966.D
Acq: 25 Aug 2021 13:12

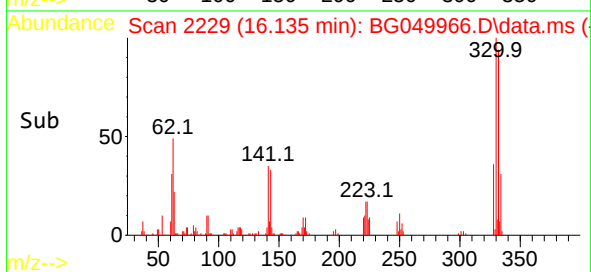
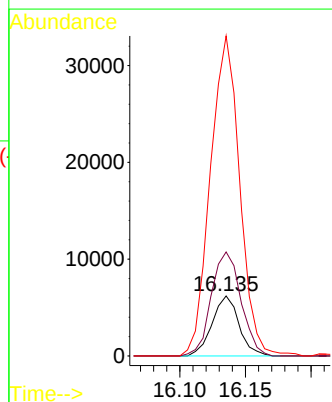
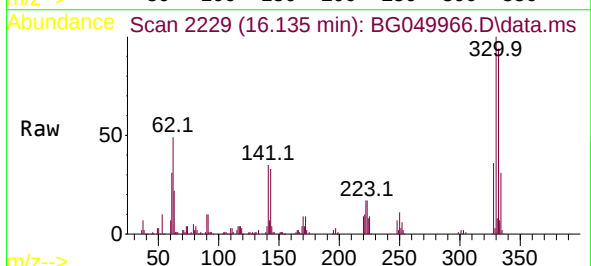
Instrument :
BNA_G
ClientSampleId :
PB138714BL

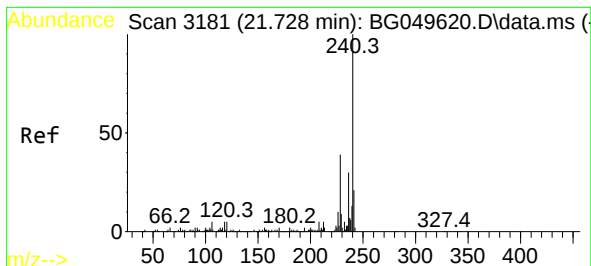
Tgt Ion:188 Resp: 156023
Ion Ratio Lower Upper
188 100
94 6.0 5.4 8.0
80 7.0 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 4.796 ng
RT: 16.135 min Scan# 2229
Delta R.T. -0.445 min
Lab File: BG049966.D
Acq: 25 Aug 2021 13:12

Tgt Ion:248 Resp: 8813
Ion Ratio Lower Upper
248 100
250 173.3 76.1 114.1#
141 533.5 65.4 98.2#

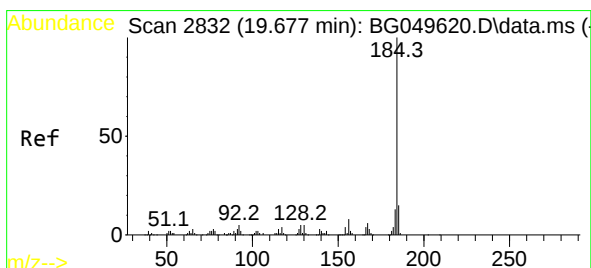
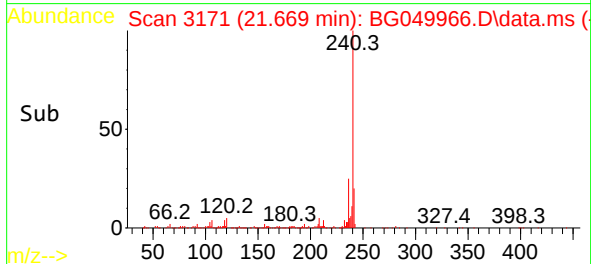
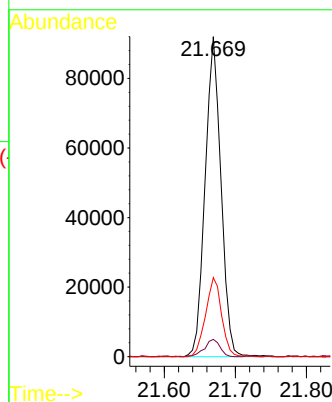
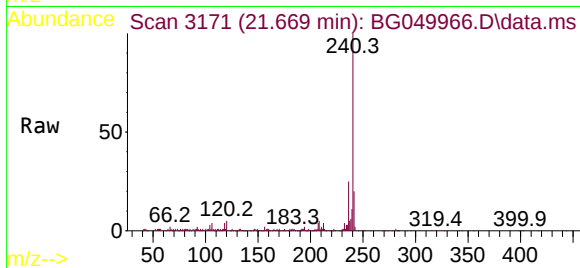




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.669 min Scan# 3171
Delta R.T. -0.010 min
Lab File: BG049966.D
Acq: 25 Aug 2021 13:12

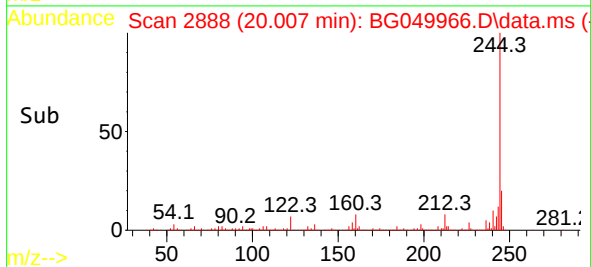
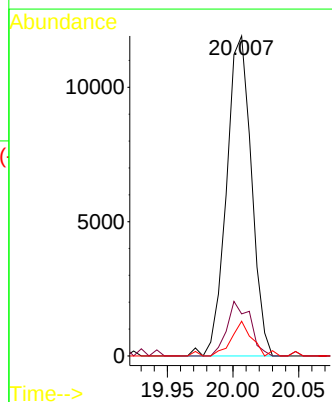
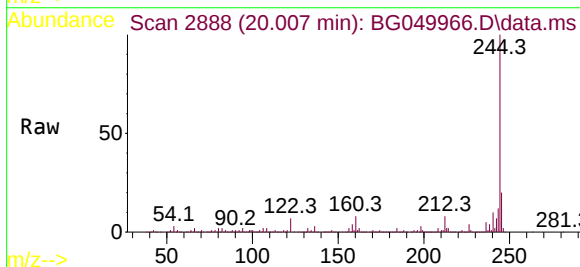
Instrument :
BNA_G
ClientSampleId :
PB138714BL

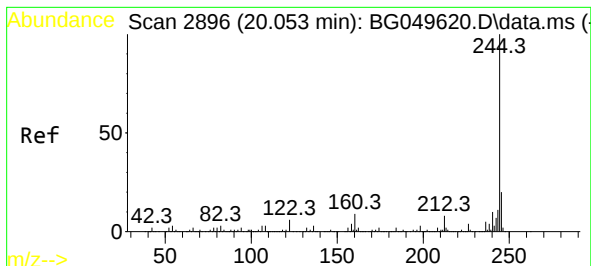
Tgt Ion:240 Resp: 142921
Ion Ratio Lower Upper
240 100
120 5.4 4.2 6.2
236 24.7 21.8 32.6



#77
Benzidine
Concen: 4.300 ng
RT: 20.007 min Scan# 2888
Delta R.T. 0.372 min
Lab File: BG049966.D
Acq: 25 Aug 2021 13:12

Tgt Ion:184 Resp: 15745
Ion Ratio Lower Upper
184 100
185 13.2 10.7 16.1
183 10.8 9.4 14.0





#79

Terphenyl-d14

Concen: 95.470 ng

RT: 20.007 min Scan# 2888

Delta R.T. -0.004 min

Lab File: BG049966.D

Acq: 25 Aug 2021 13:12

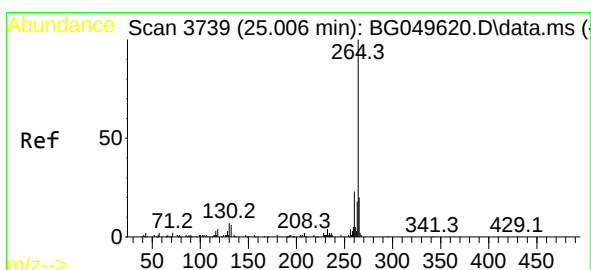
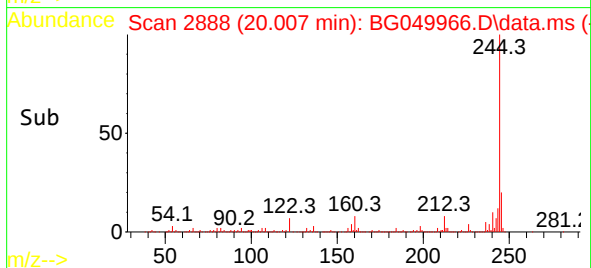
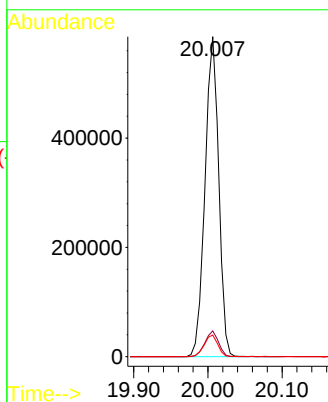
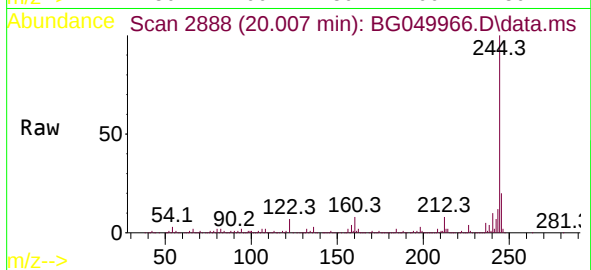
Tgt Ion:244 Resp: 751277

Ion Ratio Lower Upper

244 100

212 8.0 6.9 10.3

122 6.8 5.0 7.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.906 min Scan# 3722

Delta R.T. -0.016 min

Lab File: BG049966.D

Acq: 25 Aug 2021 13:12

Tgt Ion:264 Resp: 144264

Ion Ratio Lower Upper

264 100

260 23.5 19.4 29.2

265 23.2 16.9 25.3

