

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061521\
 Data File : BG048978.D
 Acq On : 15 Jun 2021 15:16
 Operator : CG/JU
 Sample : M2672-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 17-B6(28-32)

Quant Time: Jun 15 16:14:01 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 11 16:03:10 2021
 Response via : Initial Calibration

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

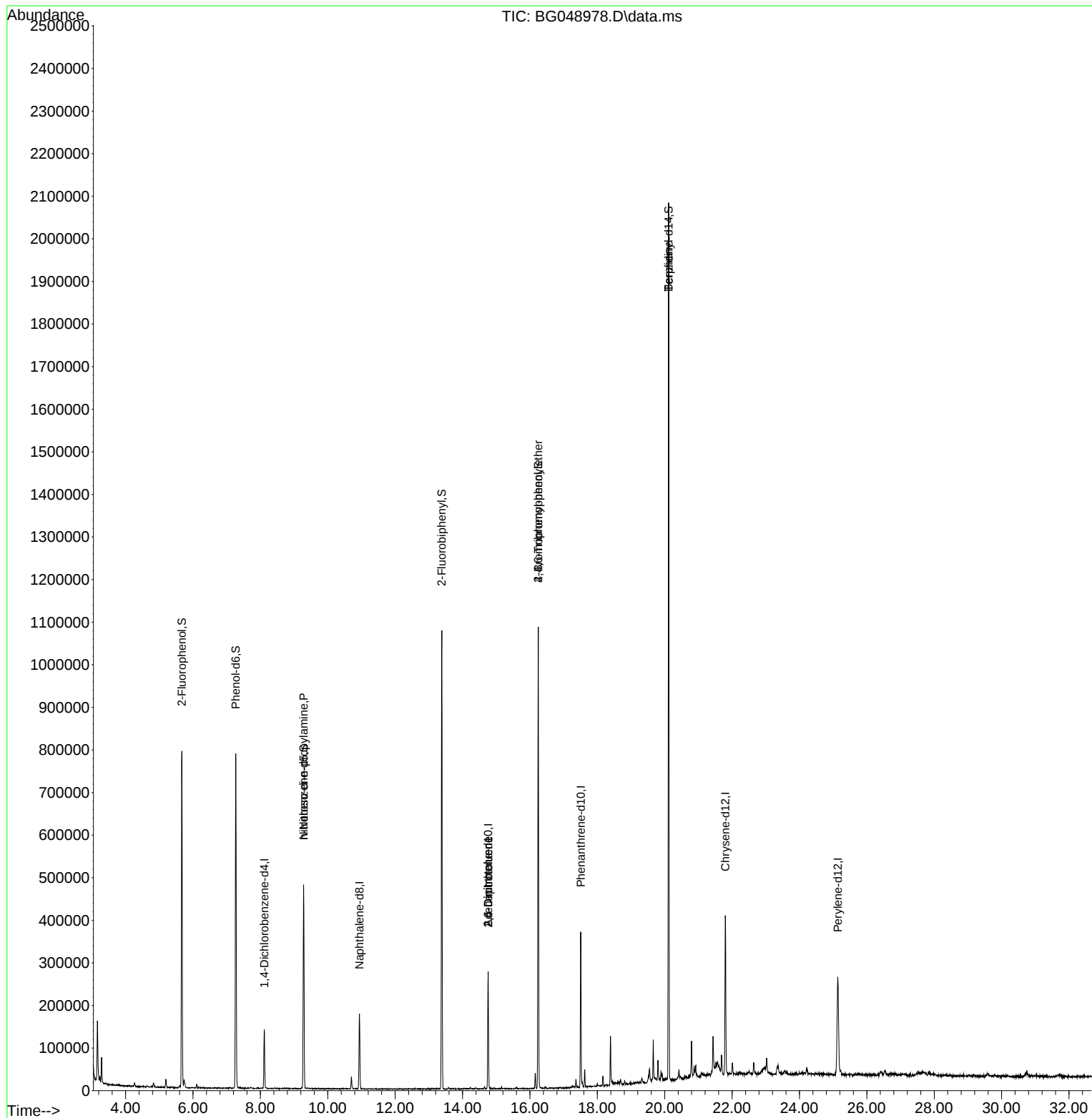
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.120	152	34624	20.000	ng	# 0.00
21) Naphthalene-d8	10.940	136	138635	20.000	ng	# 0.00
39) Acenaphthene-d10	14.759	164	100983	20.000	ng	0.00
64) Phenanthrene-d10	17.509	188	232773	20.000	ng	# 0.00
76) Chrysene-d12	21.798	240	251257	20.000	ng	#-0.02
86) Perylene-d12	25.135	264	261400	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.670	112	311397	140.003	ng	0.00
7) Phenol-d6	7.268	99	410652	123.183	ng	0.00
23) Nitrobenzene-d5	9.283	82	285368	88.758	ng	0.00
42) 2,4,6-Tribromophenol	16.246	330	196358	131.244	ng	0.00
45) 2-Fluorobiphenyl	13.385	172	549029	76.804	ng	0.00
79) Terphenyl-d14	20.118	244	931518	67.898	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.283	70	40768	15.645	ng	# 78
51) 2,6-Dinitrotoluene	14.759	165	12545	7.831	ng	# 13
57) 2,4-Dinitrotoluene	14.759	165	12545	6.376	ng	# 19
67) 4-Bromophenyl-phenylether	16.246	248	13330	4.586	ng	# 1
77) Benzidine	20.118	184	17611	3.479	ng	# 68

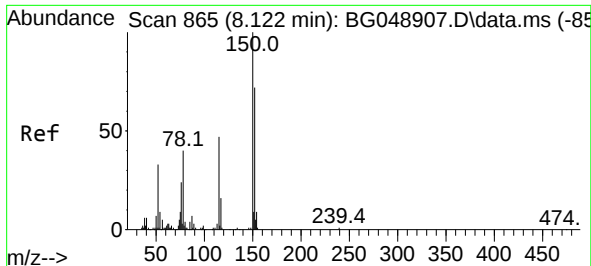
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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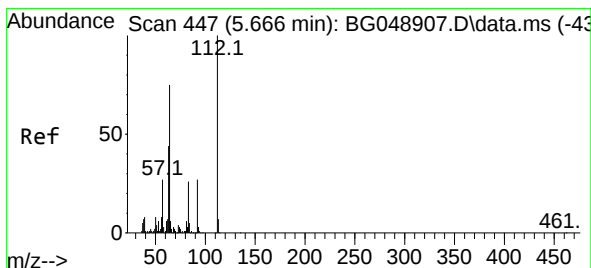
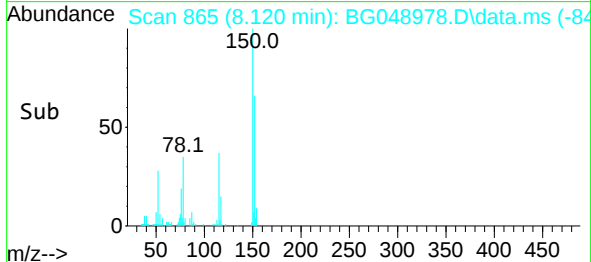
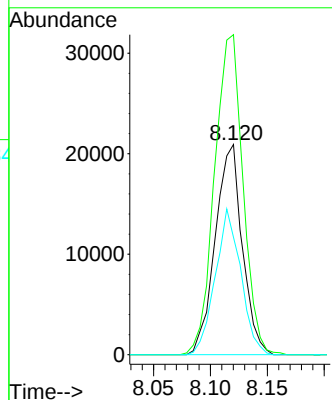
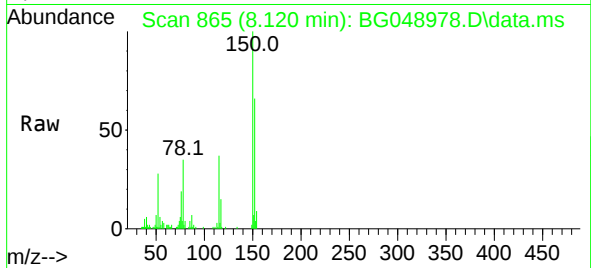




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.120 min Scan# 865
Delta R.T. -0.002 min
Lab File: BG048978.D
Acq: 15 Jun 2021 15:16

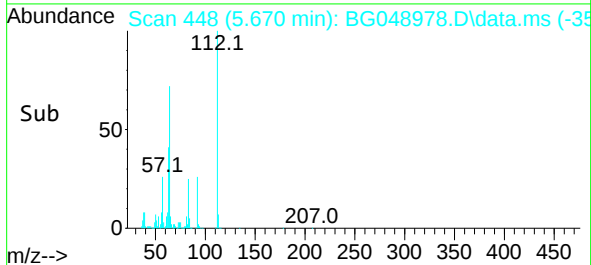
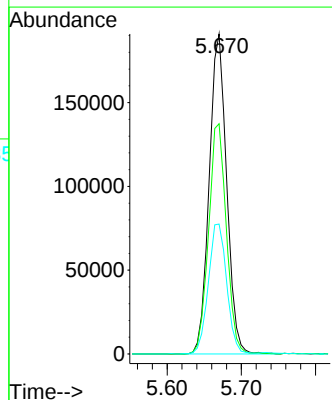
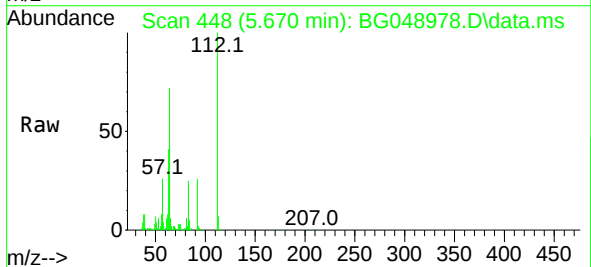
Instrument :
BNA_G
ClientSampleId :
17-B6(28-32)

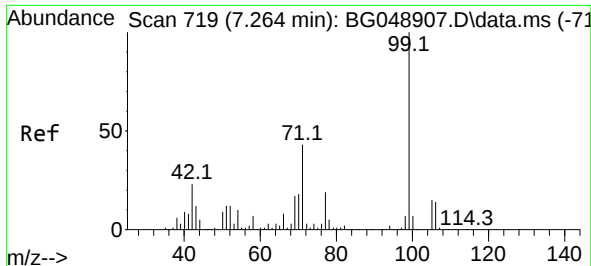
Tgt Ion:152 Resp: 34624
Ion Ratio Lower Upper
152 100
150 152.2 119.4 179.0
115 55.9 60.2 90.4#



#5
2-Fluorophenol
Concen: 140.003 ng
RT: 5.670 min Scan# 448
Delta R.T. 0.004 min
Lab File: BG048978.D
Acq: 15 Jun 2021 15:16

Tgt Ion:112 Resp: 311397
Ion Ratio Lower Upper
112 100
64 72.0 46.7 70.1#
63 40.6 35.3 52.9

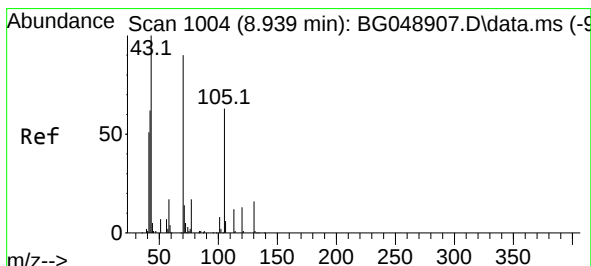
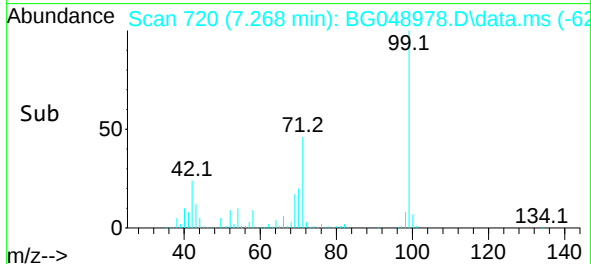
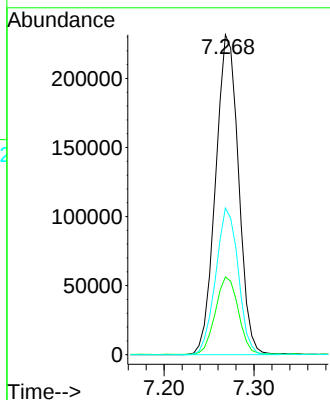
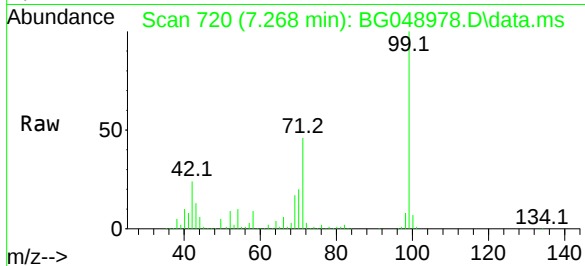




#7
Phenol-d6
Concen: 123.183 ng
RT: 7.268 min Scan# 720
Delta R.T. 0.004 min
Lab File: BG048978.D
Acq: 15 Jun 2021 15:16

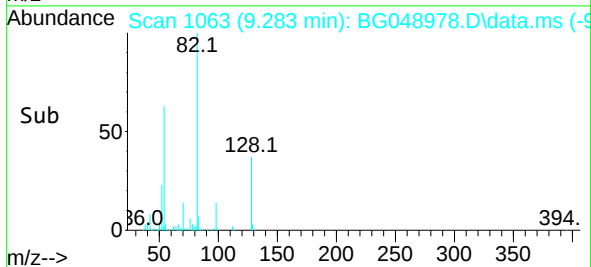
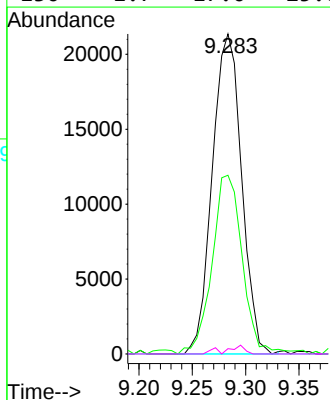
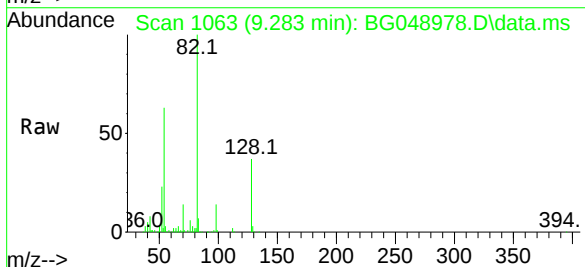
Instrument :
BNA_G
ClientSampleId :
17-B6(28-32)

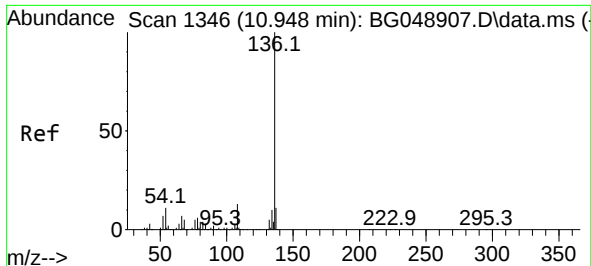
Tgt Ion: 99 Resp: 410652
Ion Ratio Lower Upper
99 100
42 24.3 20.5 30.7
71 45.9 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 15.645 ng
RT: 9.283 min Scan# 1063
Delta R.T. 0.345 min
Lab File: BG048978.D
Acq: 15 Jun 2021 15:16

Tgt Ion: 70 Resp: 40768
Ion Ratio Lower Upper
70 100
42 55.8 54.5 81.7
101 0.0 9.0 13.6#
130 1.7 17.0 25.6#

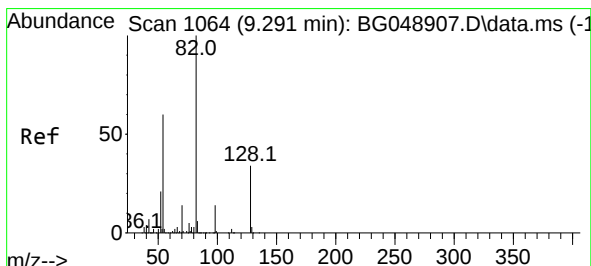
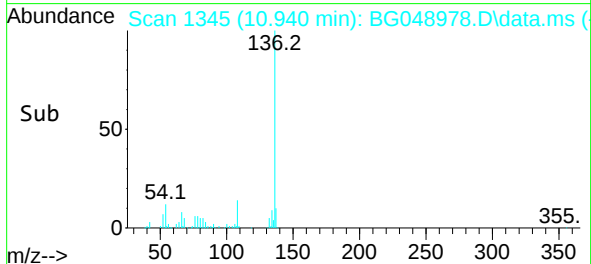
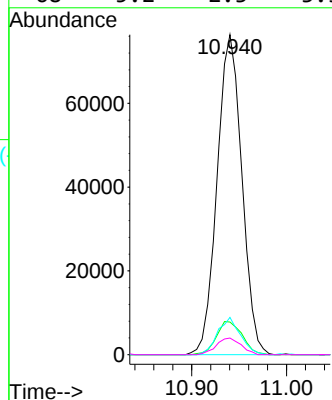
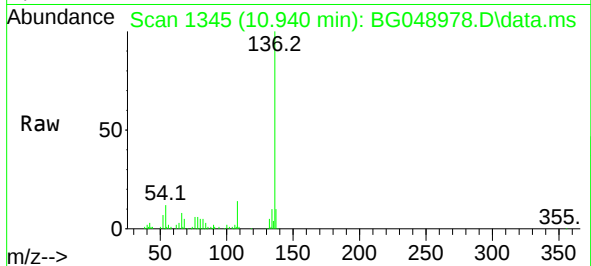




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.940 min Scan# 1345
Delta R.T. -0.008 min
Lab File: BG048978.D
Acq: 15 Jun 2021 15:16

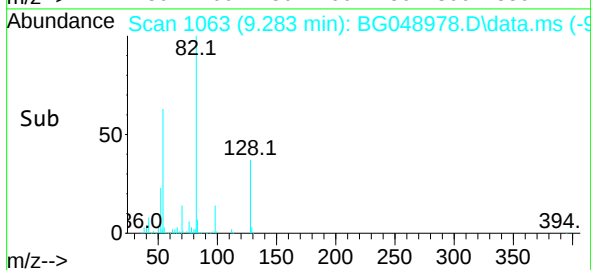
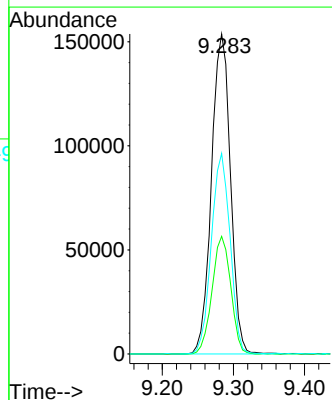
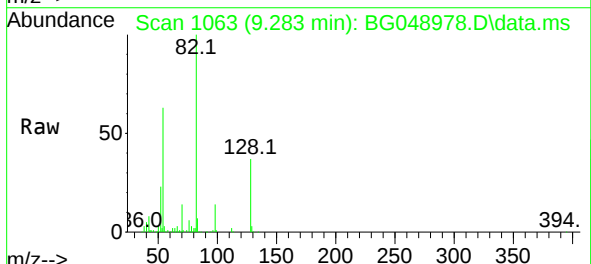
Instrument :
BNA_G
ClientSampleId :
17-B6(28-32)

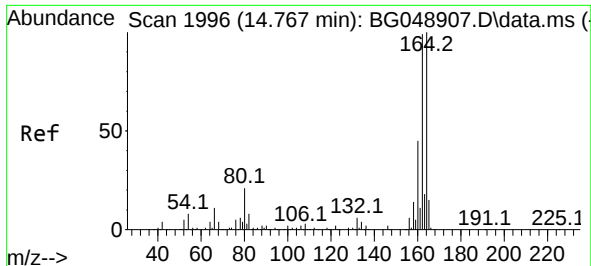
Tgt Ion:136	Resp:	138635
Ion Ratio	Lower	Upper
136	100	
137	10.2	8.2 12.2
54	11.7	5.5 8.3#
68	5.2	2.3 3.5#



#23
Nitrobenzene-d5
Concen: 88.758 ng
RT: 9.283 min Scan# 1063
Delta R.T. -0.008 min
Lab File: BG048978.D
Acq: 15 Jun 2021 15:16

Tgt Ion: 82	Resp:	285368
Ion Ratio	Lower	Upper
82	100	
128	36.7	29.8 44.6
54	62.6	45.8 68.8

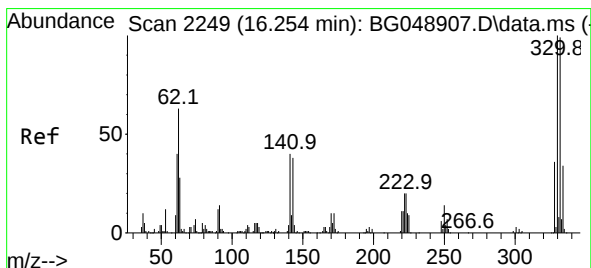
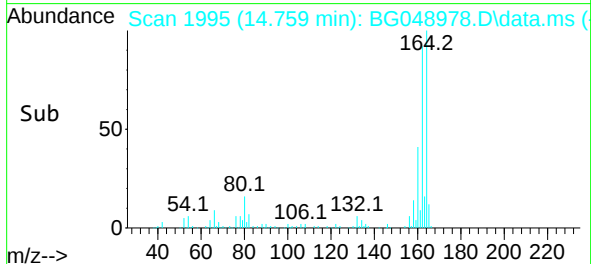
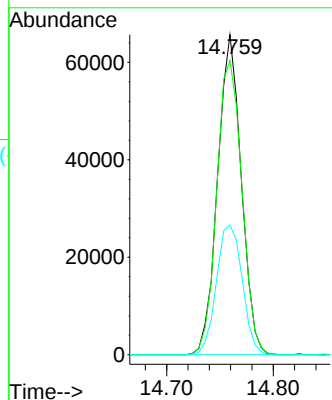
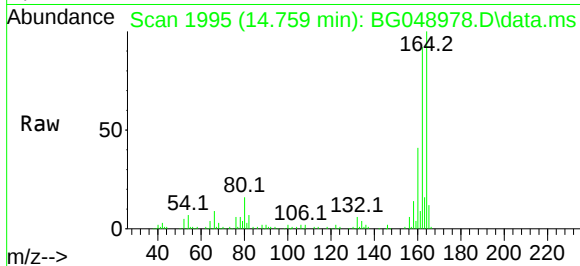




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.759 min Scan# 1995
Delta R.T. -0.008 min
Lab File: BG048978.D
Acq: 15 Jun 2021 15:16

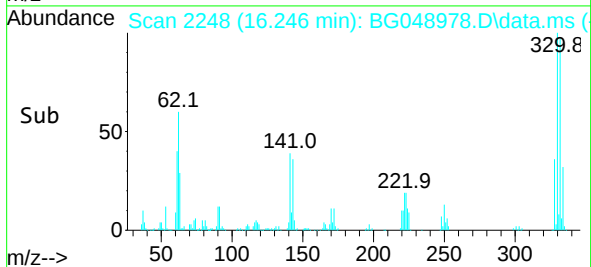
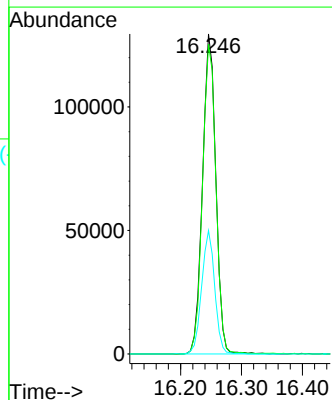
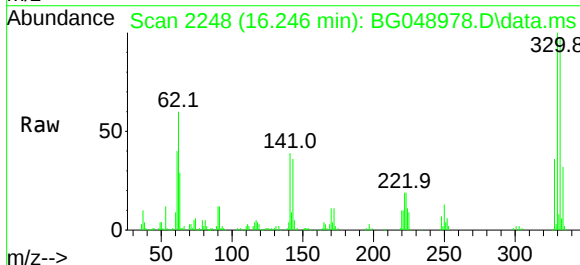
Instrument :
BNA_G
ClientSampleId :
17-B6(28-32)

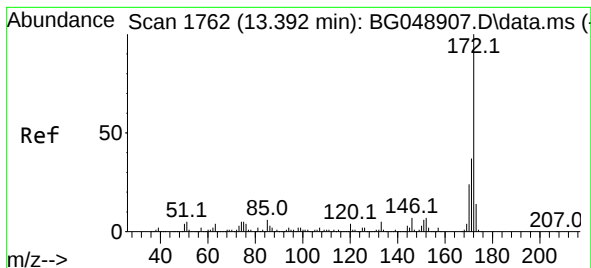
Tgt Ion:164 Resp: 100983
Ion Ratio Lower Upper
164 100
162 91.9 81.4 122.0
160 40.5 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 131.244 ng
RT: 16.246 min Scan# 2248
Delta R.T. -0.008 min
Lab File: BG048978.D
Acq: 15 Jun 2021 15:16

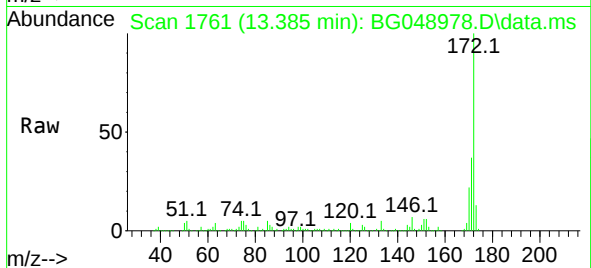
Tgt Ion:330 Resp: 196358
Ion Ratio Lower Upper
330 100
332 97.6 77.3 115.9
141 37.9 35.6 53.4



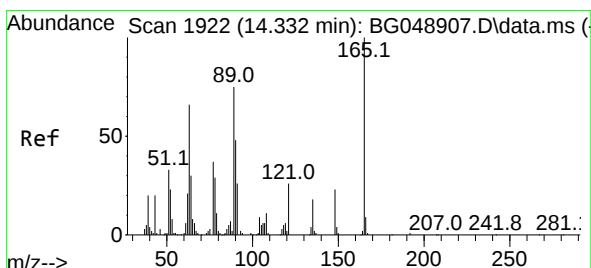
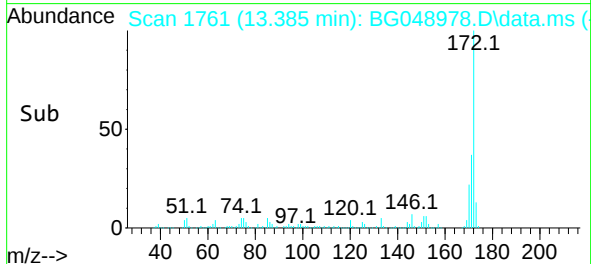
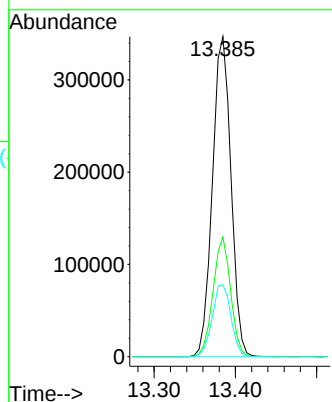


#45
2-Fluorobiphenyl
Concen: 76.804 ng
RT: 13.385 min Scan# 1761
Delta R.T. -0.007 min
Lab File: BG048978.D
Acq: 15 Jun 2021 15:16

Instrument :
BNA_G
ClientSampleId :
17-B6(28-32)

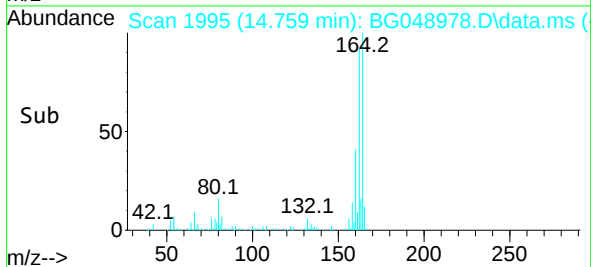
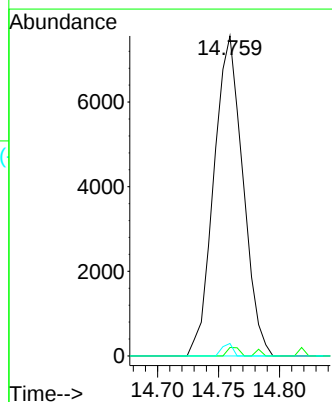
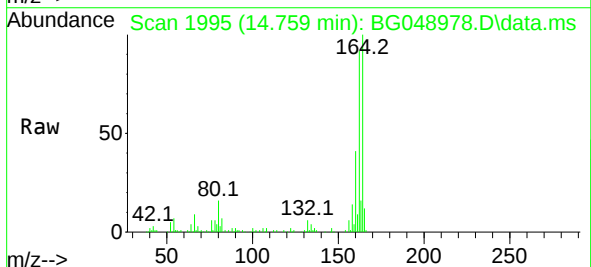


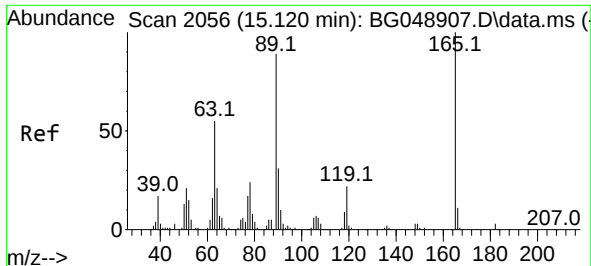
Tgt Ion:172 Resp: 549029
Ion Ratio Lower Upper
172 100
171 37.4 28.6 43.0
170 22.5 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 7.831 ng
RT: 14.759 min Scan# 1995
Delta R.T. 0.427 min
Lab File: BG048978.D
Acq: 15 Jun 2021 15:16

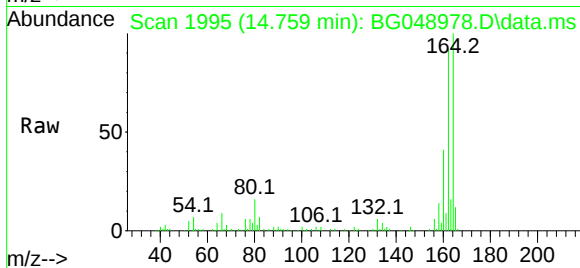
Tgt Ion:165 Resp: 12545
Ion Ratio Lower Upper
165 100
63 2.6 63.3 94.9#
89 3.9 63.4 95.0#



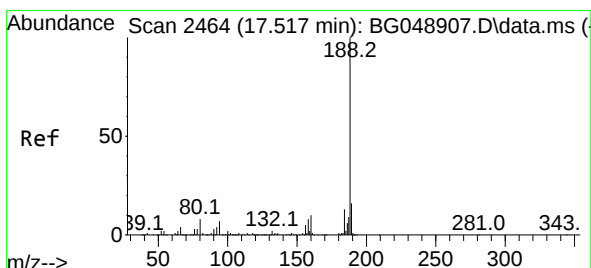
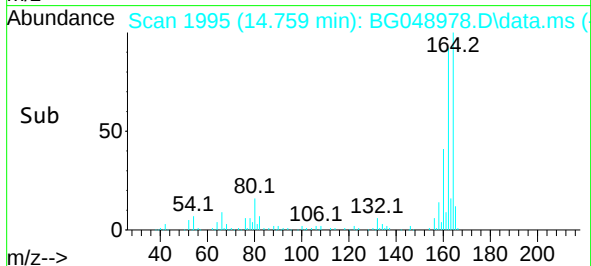
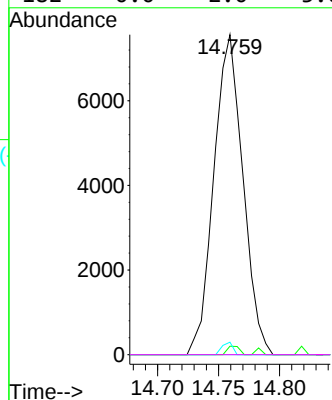


#57
2,4-Dinitrotoluene
Concen: 6.376 ng
RT: 14.759 min Scan# 1995
Delta R.T. -0.360 min
Lab File: BG048978.D
Acq: 15 Jun 2021 15:16

Instrument :
BNA_G
ClientSampleId :
17-B6(28-32)

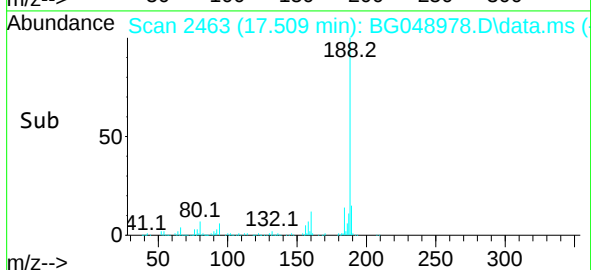
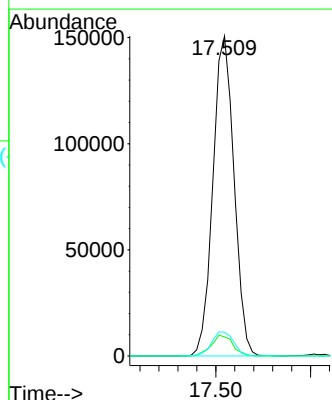
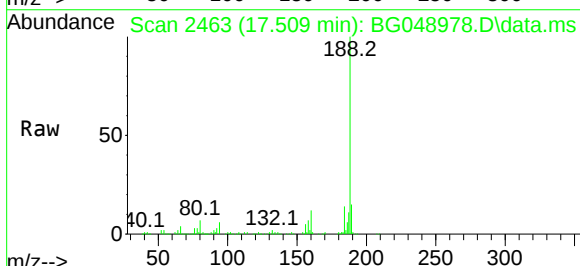


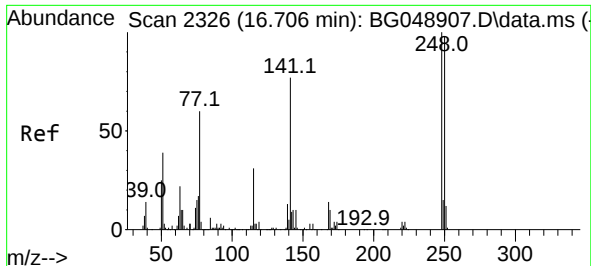
Tgt Ion:165 Resp: 12545
Ion Ratio Lower Upper
165 100
63 2.6 48.0 72.0#
89 3.9 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.509 min Scan# 2463
Delta R.T. -0.008 min
Lab File: BG048978.D
Acq: 15 Jun 2021 15:16

Tgt Ion:188 Resp: 232773
Ion Ratio Lower Upper
188 100
94 6.0 5.4 8.0
80 7.4 3.7 5.5#

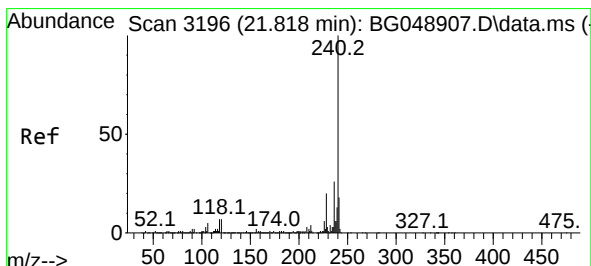
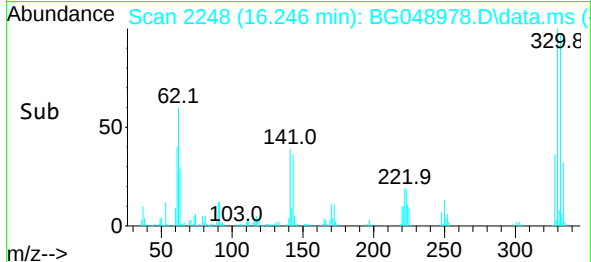
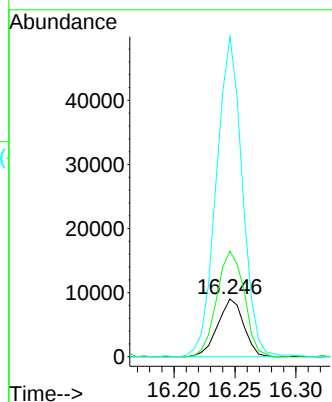
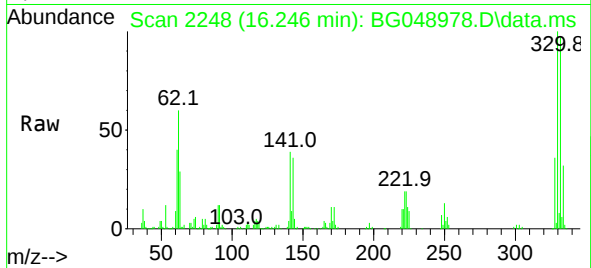




#67
4-Bromophenyl-phenylether
Concen: 4.586 ng
RT: 16.246 min Scan# 2248
Delta R.T. -0.460 min
Lab File: BG048978.D
Acq: 15 Jun 2021 15:16

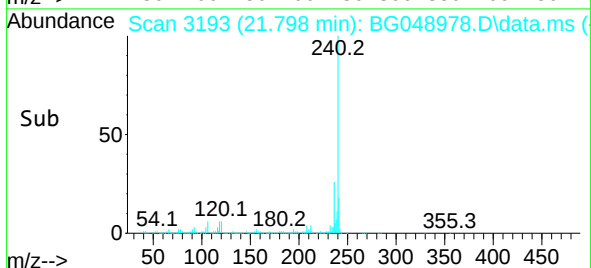
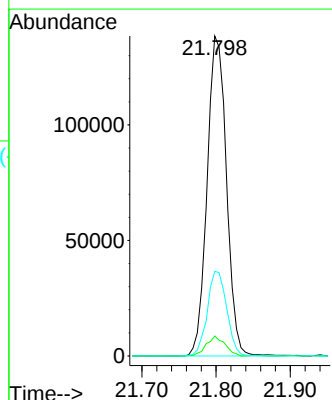
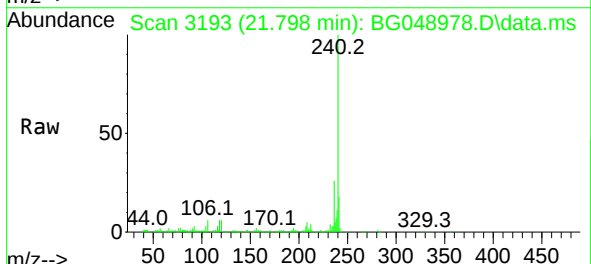
Instrument :
BNA_G
ClientSampleId :
17-B6(28-32)

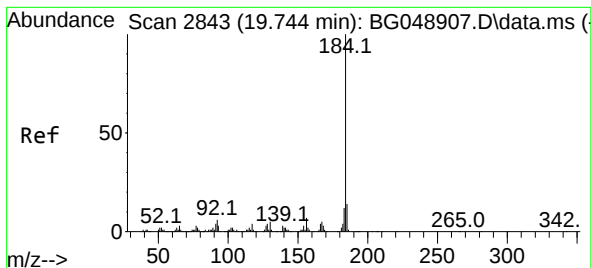
Tgt Ion:248 Resp: 13330
Ion Ratio Lower Upper
248 100
250 182.7 76.1 114.1#
141 553.8 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.798 min Scan# 3193
Delta R.T. -0.020 min
Lab File: BG048978.D
Acq: 15 Jun 2021 15:16

Tgt Ion:240 Resp: 251257
Ion Ratio Lower Upper
240 100
120 6.2 4.2 6.2#
236 26.5 21.8 32.6





#77

Benzidine

Concen: 3.479 ng

RT: 20.118 min Scan# 2907

Delta R.T. 0.374 min

Lab File: BG048978.D

Acq: 15 Jun 2021 15:16

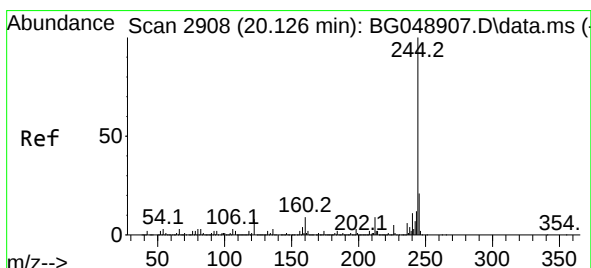
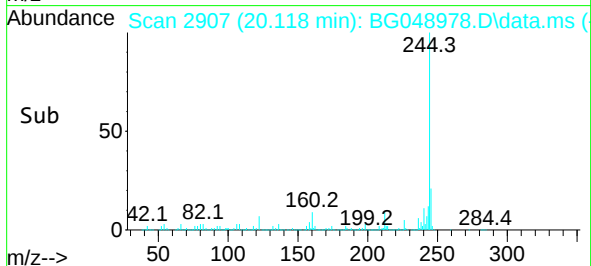
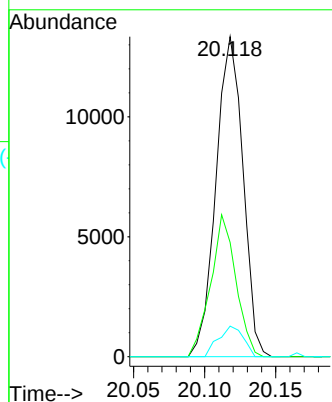
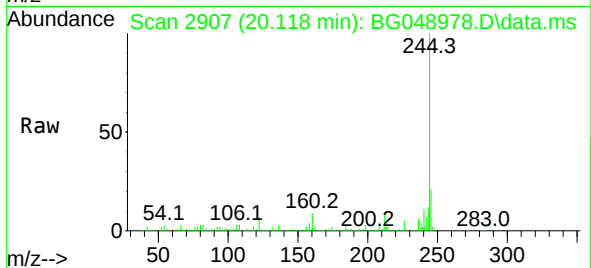
Tgt Ion:184 Resp: 17611

Ion Ratio Lower Upper

184 100

185 35.7 10.7 16.1#

183 9.6 9.4 14.0



#79

Terphenyl-d14

Concen: 67.898 ng

RT: 20.118 min Scan# 2907

Delta R.T. -0.008 min

Lab File: BG048978.D

Acq: 15 Jun 2021 15:16

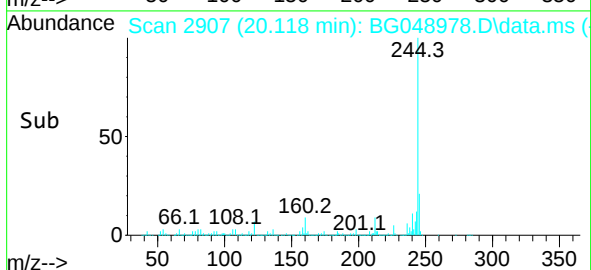
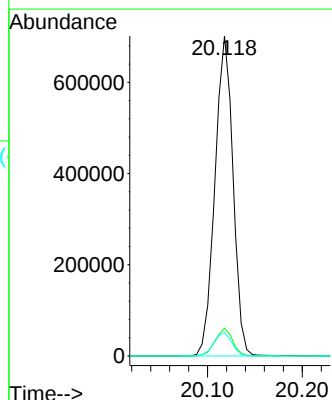
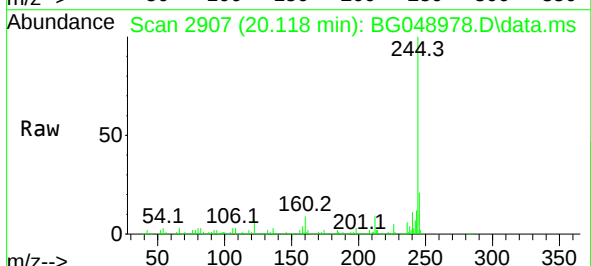
Tgt Ion:244 Resp: 931518

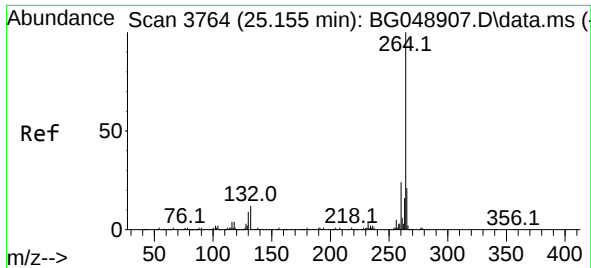
Ion Ratio Lower Upper

244 100

212 8.7 6.9 10.3

122 7.3 5.0 7.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.135 min Scan# 3761
 Delta R.T. -0.020 min
 Lab File: BG048978.D
 Acq: 15 Jun 2021 15:16

Instrument :
 BNA_G
 ClientSampleId :
 17-B6(28-32)

Tgt Ion:264 Resp: 261400
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.4 29.2
 265 24.2 16.9 25.3

