

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061521\
 Data File : BG048977.D
 Acq On : 15 Jun 2021 14:35
 Operator : CG/JU
 Sample : M2672-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 17-B6(36-40)

Quant Time: Jun 15 15:23:18 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)

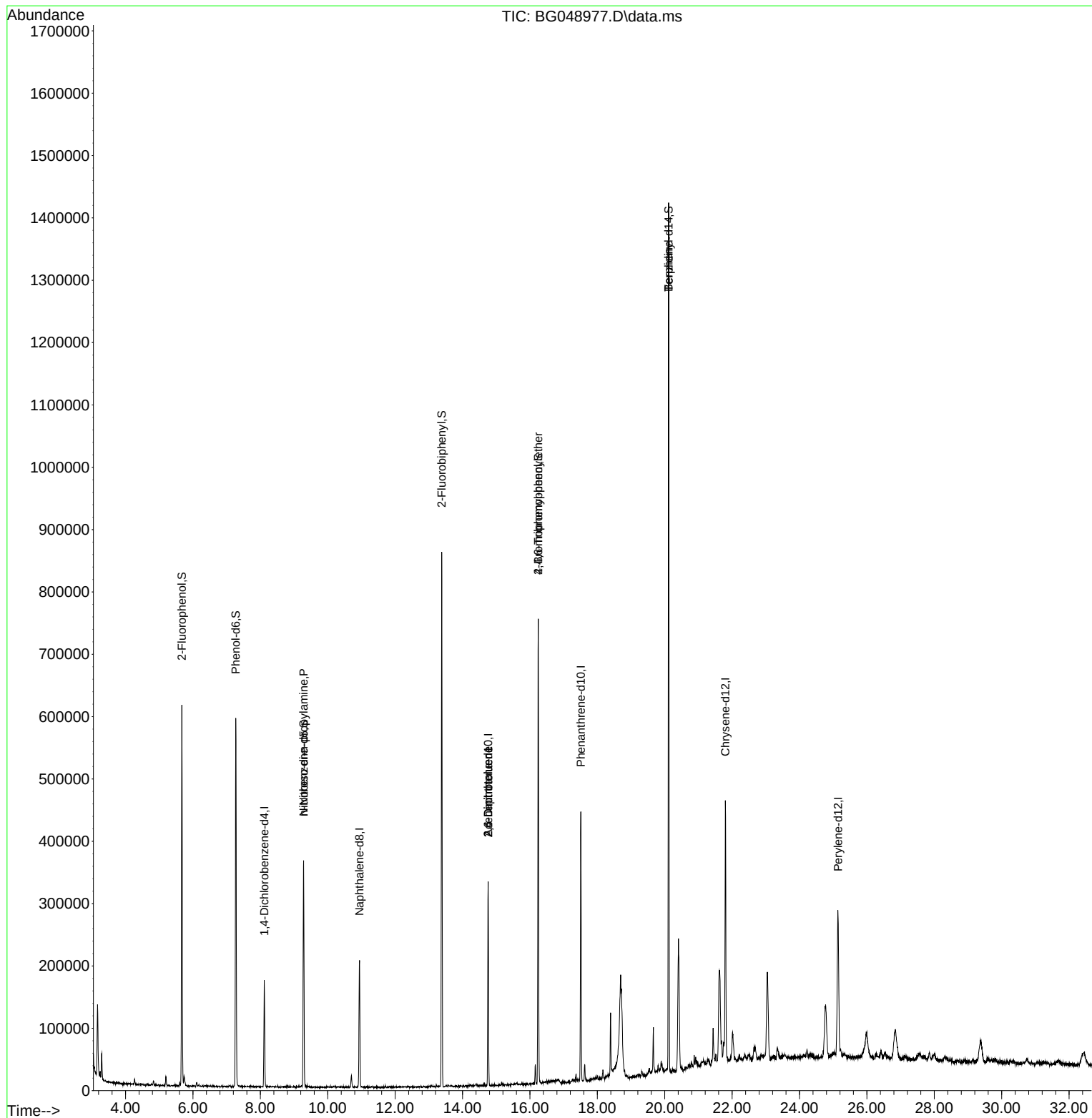
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.117	152	43691	20.000	ng	0.00
21) Naphthalene-d8	10.943	136	168085	20.000	ng	# 0.00
39) Acenaphthene-d10	14.762	164	117948	20.000	ng	0.00
64) Phenanthrene-d10	17.511	188	259719	20.000	ng	# 0.00
76) Chrysene-d12	21.801	240	266294	20.000	ng	-0.02
86) Perylene-d12	25.144	264	278672	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.672	112	232328	82.777	ng	0.00
7) Phenol-d6	7.270	99	304112	72.293	ng	0.00
23) Nitrobenzene-d5	9.286	82	214111	54.927	ng	0.00
42) 2,4,6-Tribromophenol	16.248	330	137938	78.936	ng	0.00
45) 2-Fluorobiphenyl	13.381	172	427685	51.224	ng	-0.01
79) Terphenyl-d14	20.114	244	670258	46.096	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.286	70	32739	9.957	ng	# 72
51) 2,6-Dinitrotoluene	14.762	165	15477	8.272	ng	# 11
57) 2,4-Dinitrotoluene	14.762	165	15477	6.734	ng	# 16
67) 4-Bromophenyl-phenylether	16.248	248	8791	2.711	ng	# 1
77) Benzidine	20.114	184	12718	2.371	ng	# 77

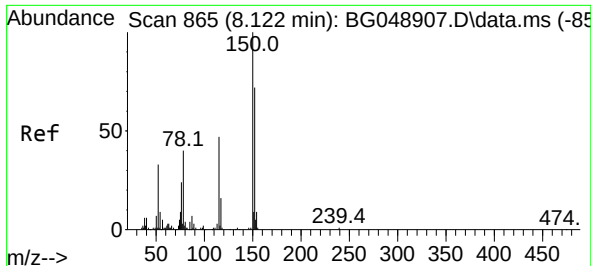
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061521\
Data File : BG048977.D
Acq On : 15 Jun 2021 14:35
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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
17-B6(36-40)

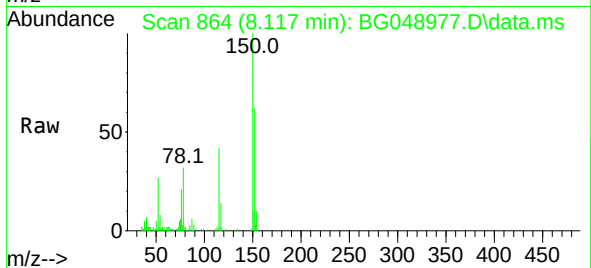
Quant Time: Jun 15 15:23:18 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 11 16:03:10 2021
Response via : Initial Calibration



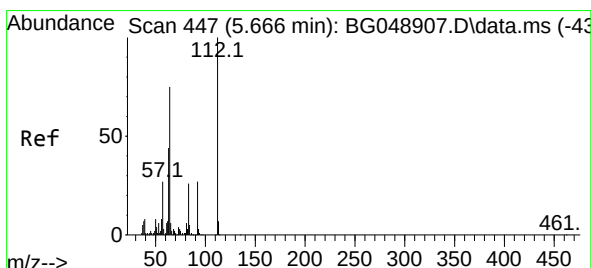
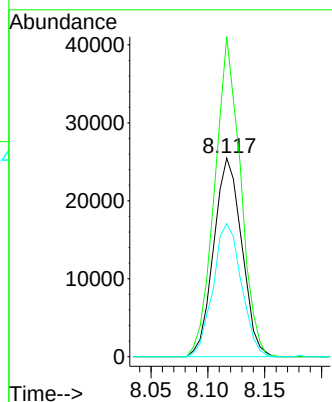
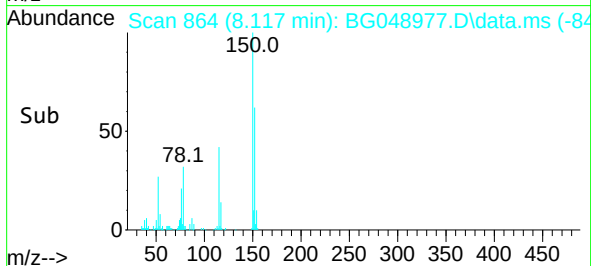


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.117 min Scan# 864
Delta R.T. -0.005 min
Lab File: BG048977.D
Acq: 15 Jun 2021 14:35

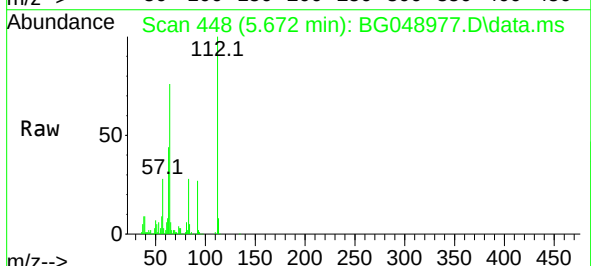
Instrument :
BNA_G
ClientSampleId :
17-B6(36-40)



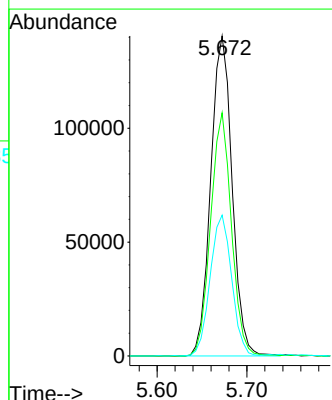
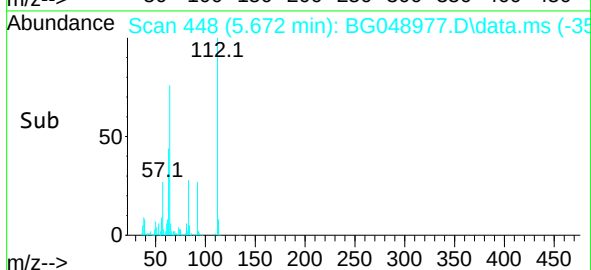
Tgt Ion:152 Resp: 43691
Ion Ratio Lower Upper
152 100
150 161.1 119.4 179.0
115 67.0 60.2 90.4

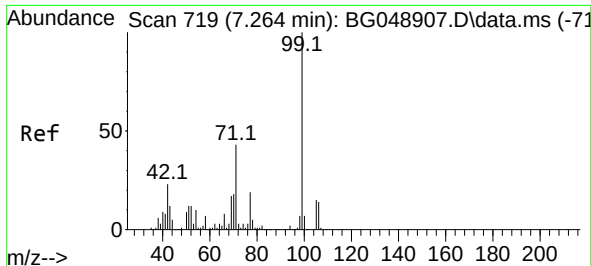


#5
2-Fluorophenol
Concen: 82.777 ng
RT: 5.672 min Scan# 448
Delta R.T. 0.006 min
Lab File: BG048977.D
Acq: 15 Jun 2021 14:35



Tgt Ion:112 Resp: 232328
Ion Ratio Lower Upper
112 100
64 76.0 46.7 70.1#
63 44.0 35.3 52.9

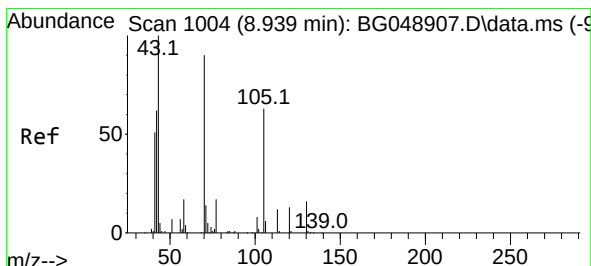
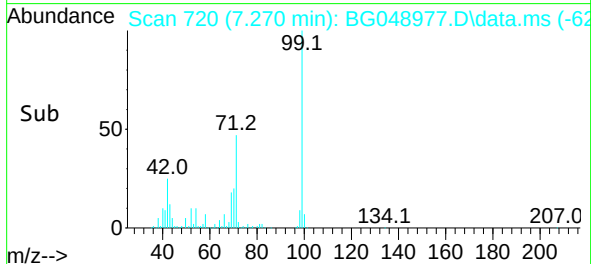
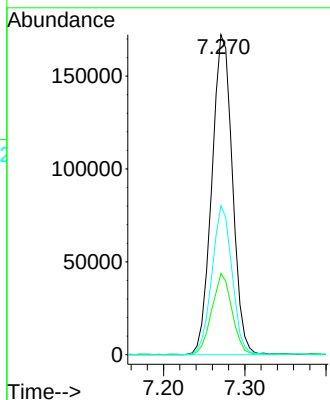
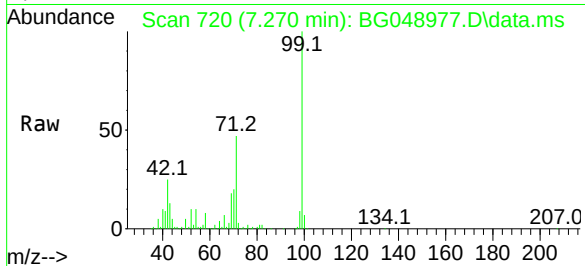




#7
Phenol-d6
Concen: 72.293 ng
RT: 7.270 min Scan# 720
Delta R.T. 0.006 min
Lab File: BG048977.D
Acq: 15 Jun 2021 14:35

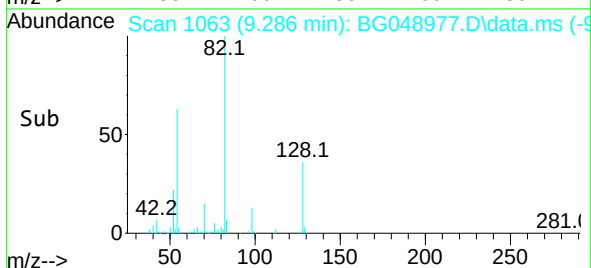
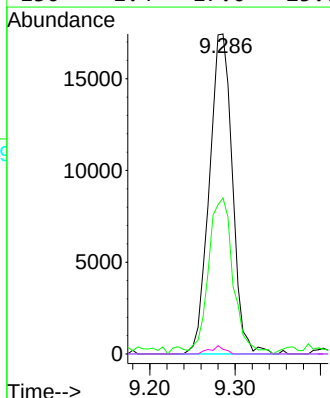
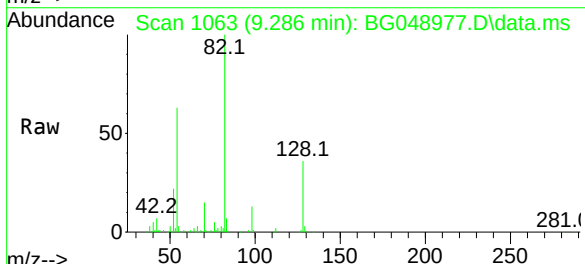
Instrument :
BNA_G
ClientSampleId :
17-B6(36-40)

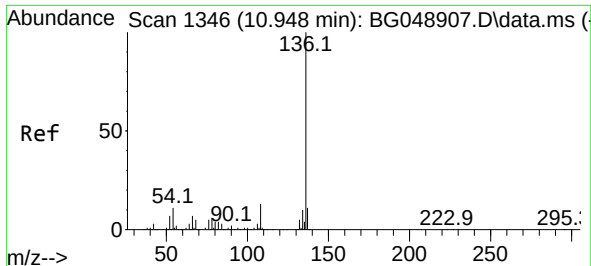
Tgt Ion: 99 Resp: 304112
Ion Ratio Lower Upper
99 100
42 25.4 20.5 30.7
71 46.5 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 9.957 ng
RT: 9.286 min Scan# 1063
Delta R.T. 0.347 min
Lab File: BG048977.D
Acq: 15 Jun 2021 14:35

Tgt Ion: 70 Resp: 32739
Ion Ratio Lower Upper
70 100
42 48.8 54.5 81.7#
101 0.0 9.0 13.6#
130 1.4 17.0 25.6#

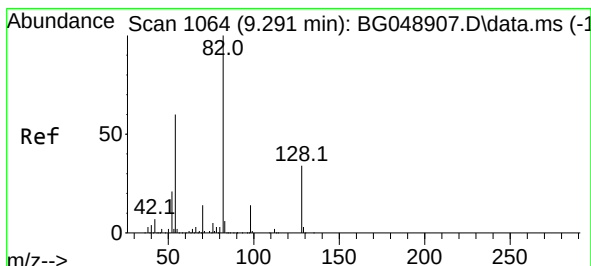
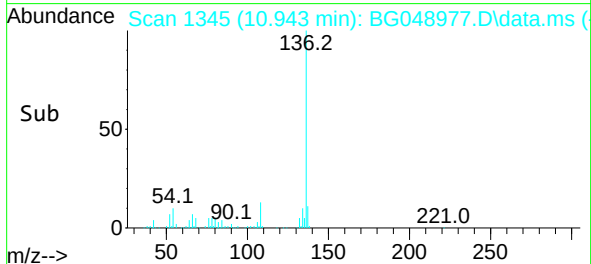
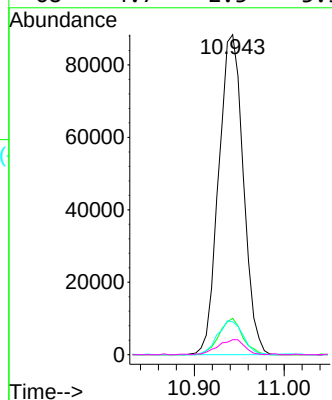
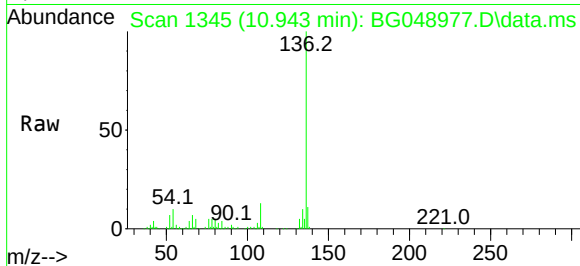




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.943 min Scan# 1345
Delta R.T. -0.005 min
Lab File: BG048977.D
Acq: 15 Jun 2021 14:35

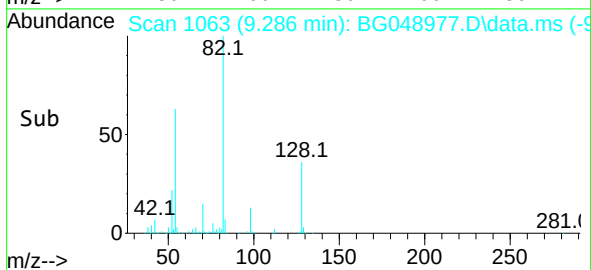
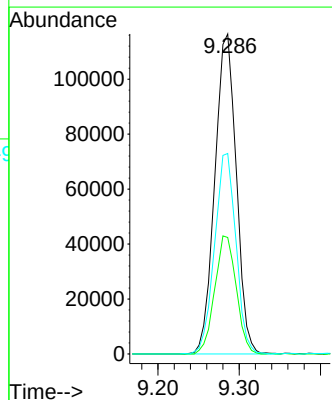
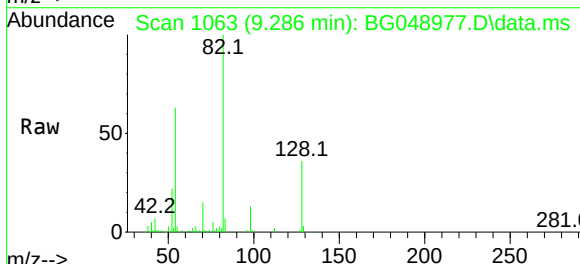
Instrument :
BNA_G
ClientSampleId :
17-B6(36-40)

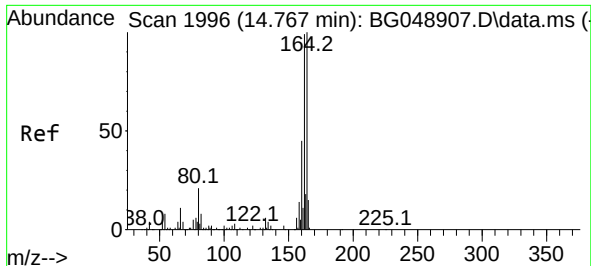
Tgt Ion:136	Resp:	168085
Ion Ratio	Lower	Upper
136	100	
137	11.4	8.2 12.2
54	10.2	5.5 8.3#
68	4.7	2.3 3.5#



#23
Nitrobenzene-d5
Concen: 54.927 ng
RT: 9.286 min Scan# 1063
Delta R.T. -0.005 min
Lab File: BG048977.D
Acq: 15 Jun 2021 14:35

Tgt Ion: 82	Resp:	214111
Ion Ratio	Lower	Upper
82	100	
128	36.4	29.8 44.6
54	62.6	45.8 68.8

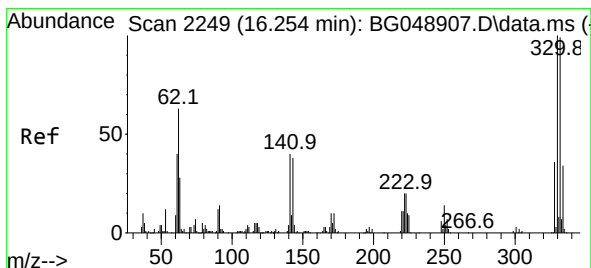
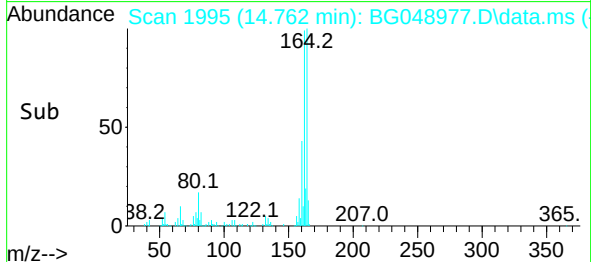
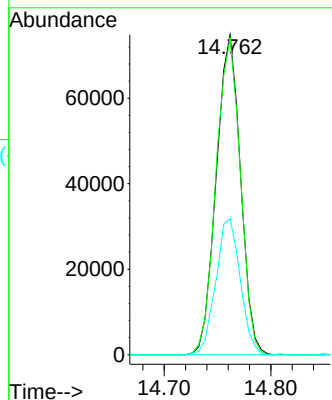
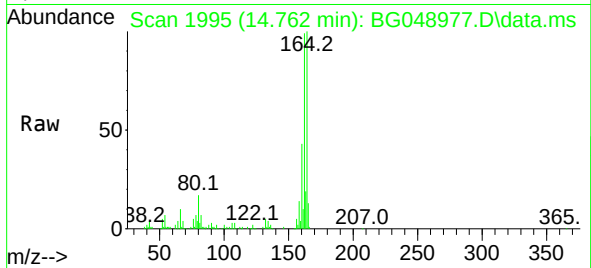




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.762 min Scan# 1995
Delta R.T. -0.005 min
Lab File: BG048977.D
Acq: 15 Jun 2021 14:35

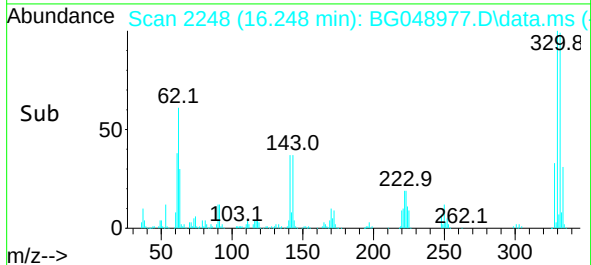
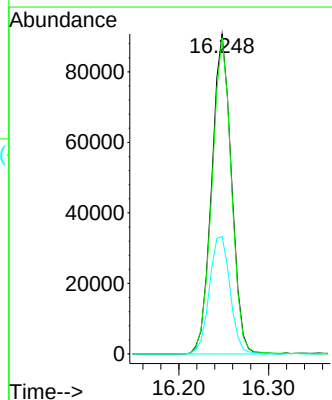
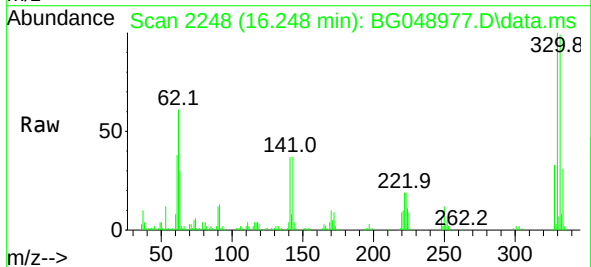
Instrument :
BNA_G
ClientSampleId :
17-B6(36-40)

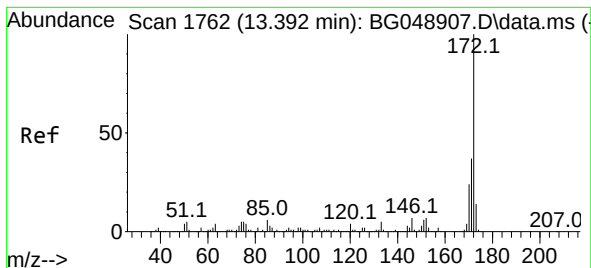
Tgt Ion:164 Resp: 117948
Ion Ratio Lower Upper
164 100
162 98.9 81.4 122.0
160 42.5 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 78.936 ng
RT: 16.248 min Scan# 2248
Delta R.T. -0.006 min
Lab File: BG048977.D
Acq: 15 Jun 2021 14:35

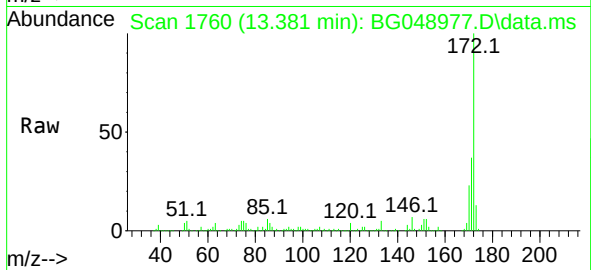
Tgt Ion:330 Resp: 137938
Ion Ratio Lower Upper
330 100
332 97.3 77.3 115.9
141 38.7 35.6 53.4



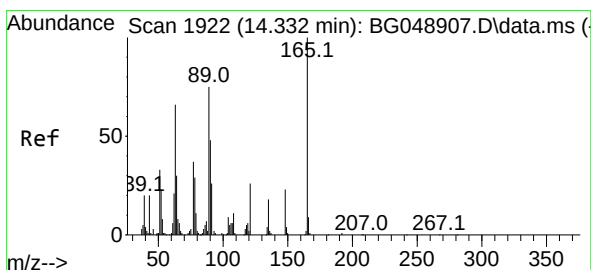
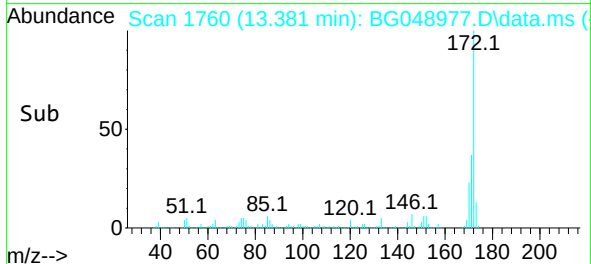
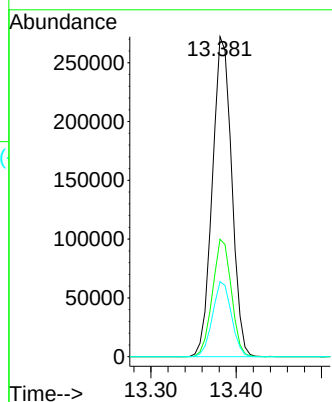


#45
2-Fluorobiphenyl
Concen: 51.224 ng
RT: 13.381 min Scan# 1760
Delta R.T. -0.011 min
Lab File: BG048977.D
Acq: 15 Jun 2021 14:35

Instrument :
BNA_G
ClientSampleId :
17-B6(36-40)

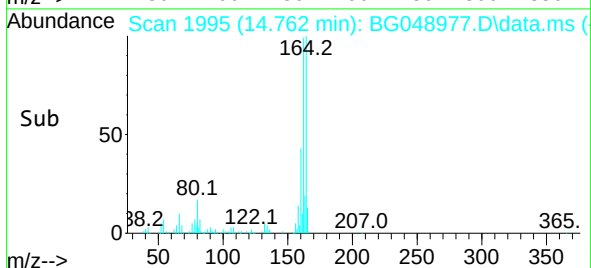
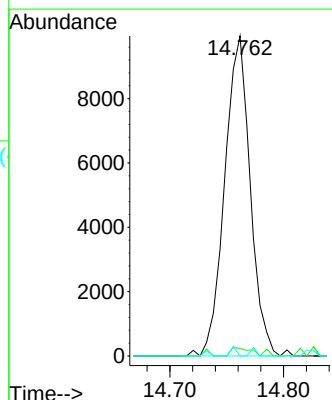
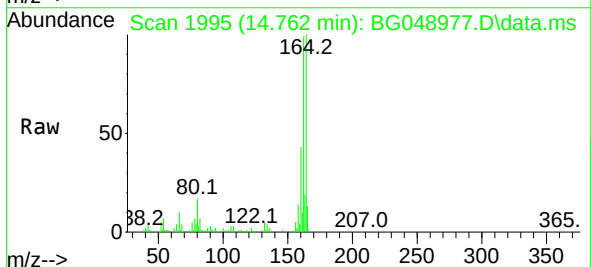


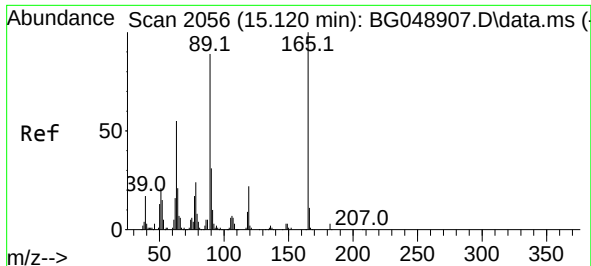
Tgt Ion:172 Resp: 427685
Ion Ratio Lower Upper
172 100
171 36.7 28.6 43.0
170 23.5 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.272 ng
RT: 14.762 min Scan# 1995
Delta R.T. 0.429 min
Lab File: BG048977.D
Acq: 15 Jun 2021 14:35

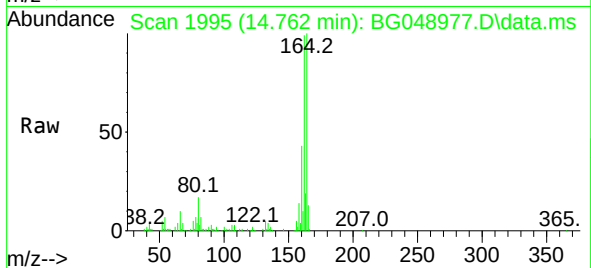
Tgt Ion:165 Resp: 15477
Ion Ratio Lower Upper
165 100
63 2.3 63.3 94.9#
89 0.0 63.4 95.0#



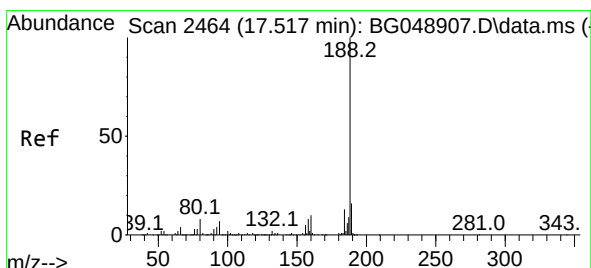
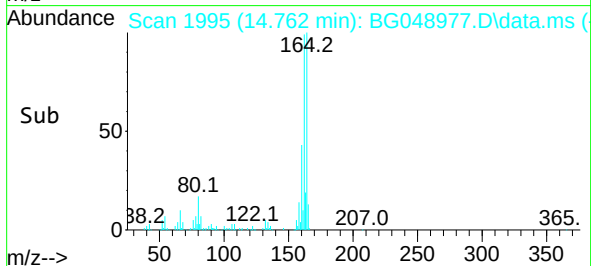
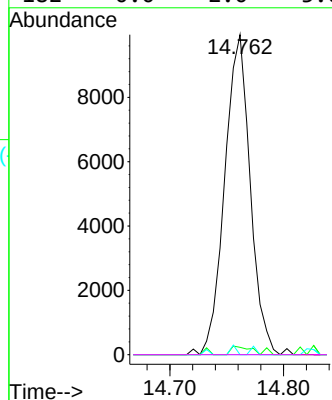


#57
2,4-Dinitrotoluene
Concen: 6.734 ng
RT: 14.762 min Scan# 1995
Delta R.T. -0.358 min
Lab File: BG048977.D
Acq: 15 Jun 2021 14:35

Instrument :
BNA_G
ClientSampleId :
17-B6(36-40)

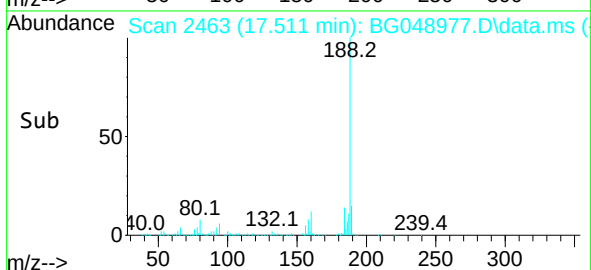
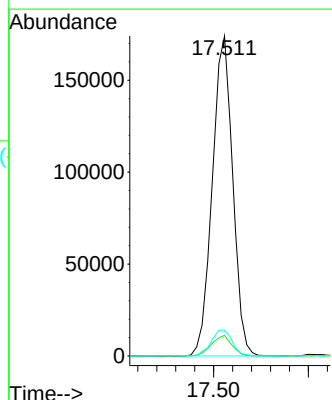
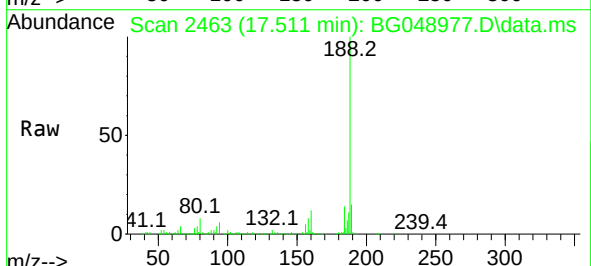


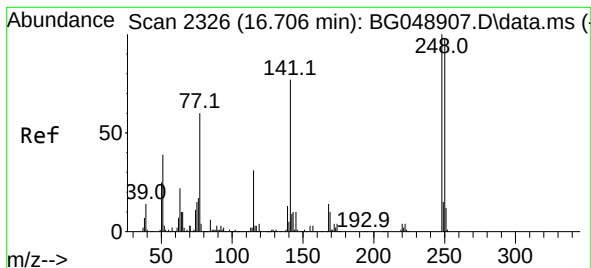
Tgt Ion:165 Resp: 15477
Ion Ratio Lower Upper
165 100
63 2.3 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.511 min Scan# 2463
Delta R.T. -0.006 min
Lab File: BG048977.D
Acq: 15 Jun 2021 14:35

Tgt Ion:188 Resp: 259719
Ion Ratio Lower Upper
188 100
94 6.5 5.4 8.0
80 8.1 3.7 5.5#

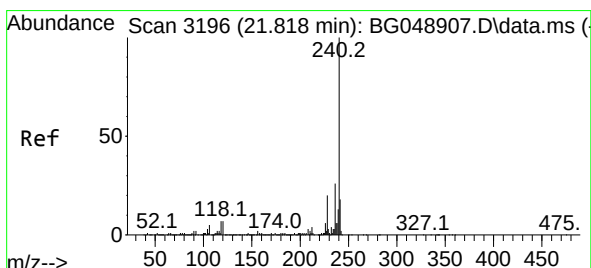
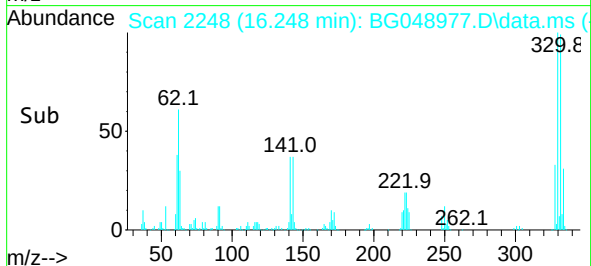
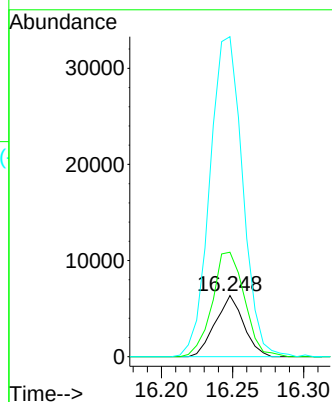
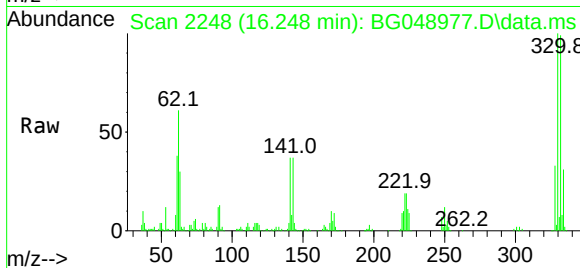




#67
4-Bromophenyl-phenylether
Concen: 2.711 ng
RT: 16.248 min Scan# 2248
Delta R.T. -0.458 min
Lab File: BG048977.D
Acq: 15 Jun 2021 14:35

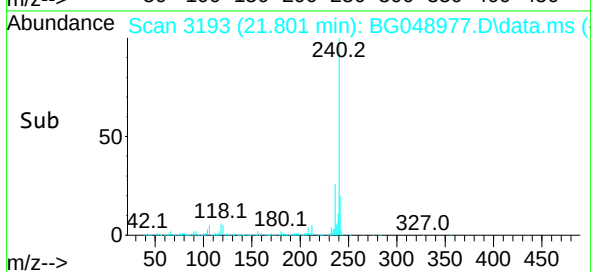
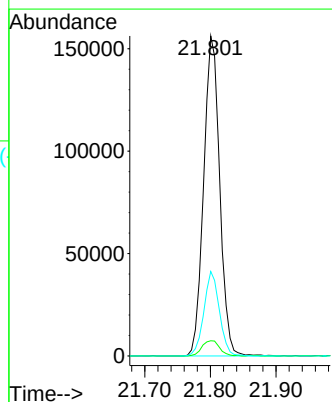
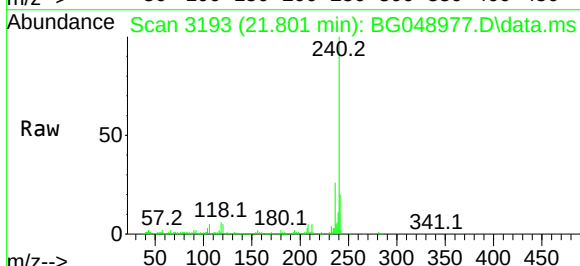
Instrument :
BNA_G
ClientSampleId :
17-B6(36-40)

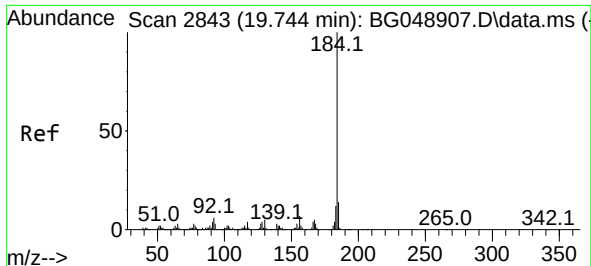
Tgt Ion:248 Resp: 8791
Ion Ratio Lower Upper
248 100
250 170.8 76.1 114.1#
141 523.1 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.801 min Scan# 3193
Delta R.T. -0.017 min
Lab File: BG048977.D
Acq: 15 Jun 2021 14:35

Tgt Ion:240 Resp: 266294
Ion Ratio Lower Upper
240 100
120 4.7 4.2 6.2
236 26.4 21.8 32.6

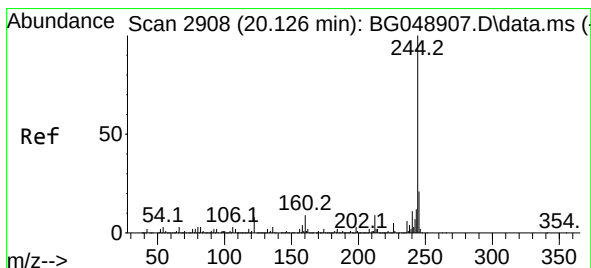
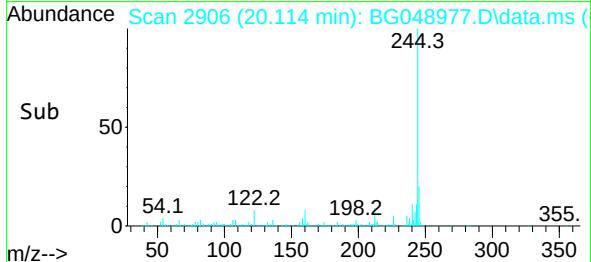
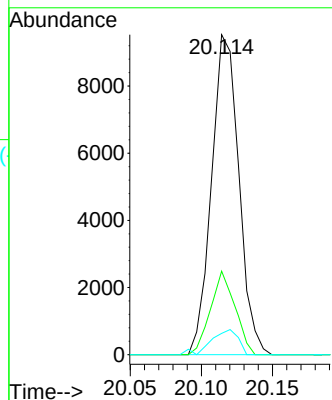
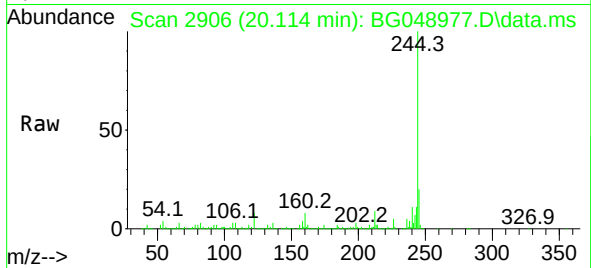




#77
Benzidine
Concen: 2.371 ng
RT: 20.114 min Scan# 2906
Delta R.T. 0.370 min
Lab File: BG048977.D
Acq: 15 Jun 2021 14:35

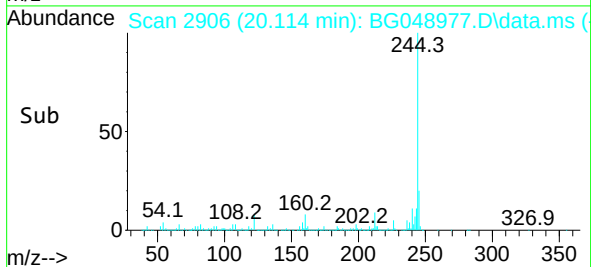
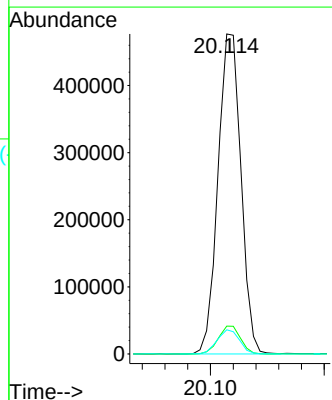
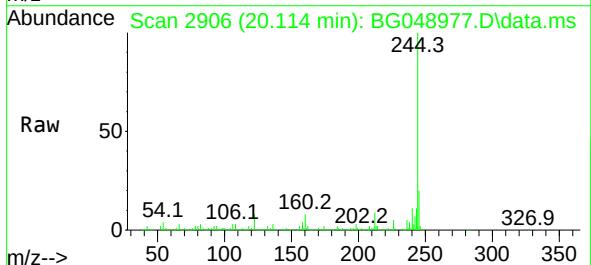
Instrument :
BNA_G
ClientSampleId :
17-B6(36-40)

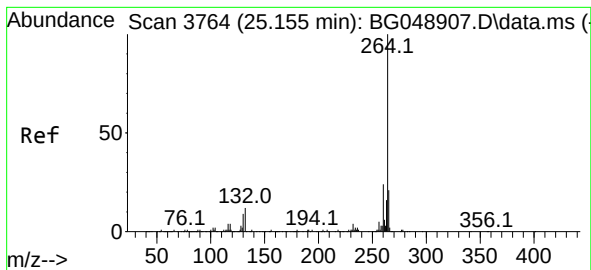
Tgt Ion:184 Resp: 12718
Ion Ratio Lower Upper
184 100
185 26.1 10.7 16.1#
183 6.6 9.4 14.0#



#79
Terphenyl-d14
Concen: 46.096 ng
RT: 20.114 min Scan# 2906
Delta R.T. -0.012 min
Lab File: BG048977.D
Acq: 15 Jun 2021 14:35

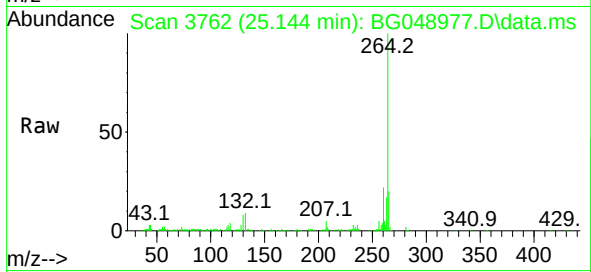
Tgt Ion:244 Resp: 670258
Ion Ratio Lower Upper
244 100
212 8.7 6.9 10.3
122 7.6 5.0 7.6#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.144 min Scan# 3762
Delta R.T. -0.011 min
Lab File: BG048977.D
Acq: 15 Jun 2021 14:35

Instrument :
BNA_G
ClientSampleId :
17-B6(36-40)



Tgt Ion:264 Resp: 278672

Ion	Ratio	Lower	Upper
264	100		
260	22.0	19.4	29.2
265	20.1	16.9	25.3

