

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042121\
 Data File : BG048817.D
 Acq On : 21 Apr 2021 13:10
 Operator : CG/JU
 Sample : M2090-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SEDGWICK-COMP-2

Quant Time: Apr 21 15:19:45 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 20 17:33:30 2021
 Response via : Initial Calibration

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

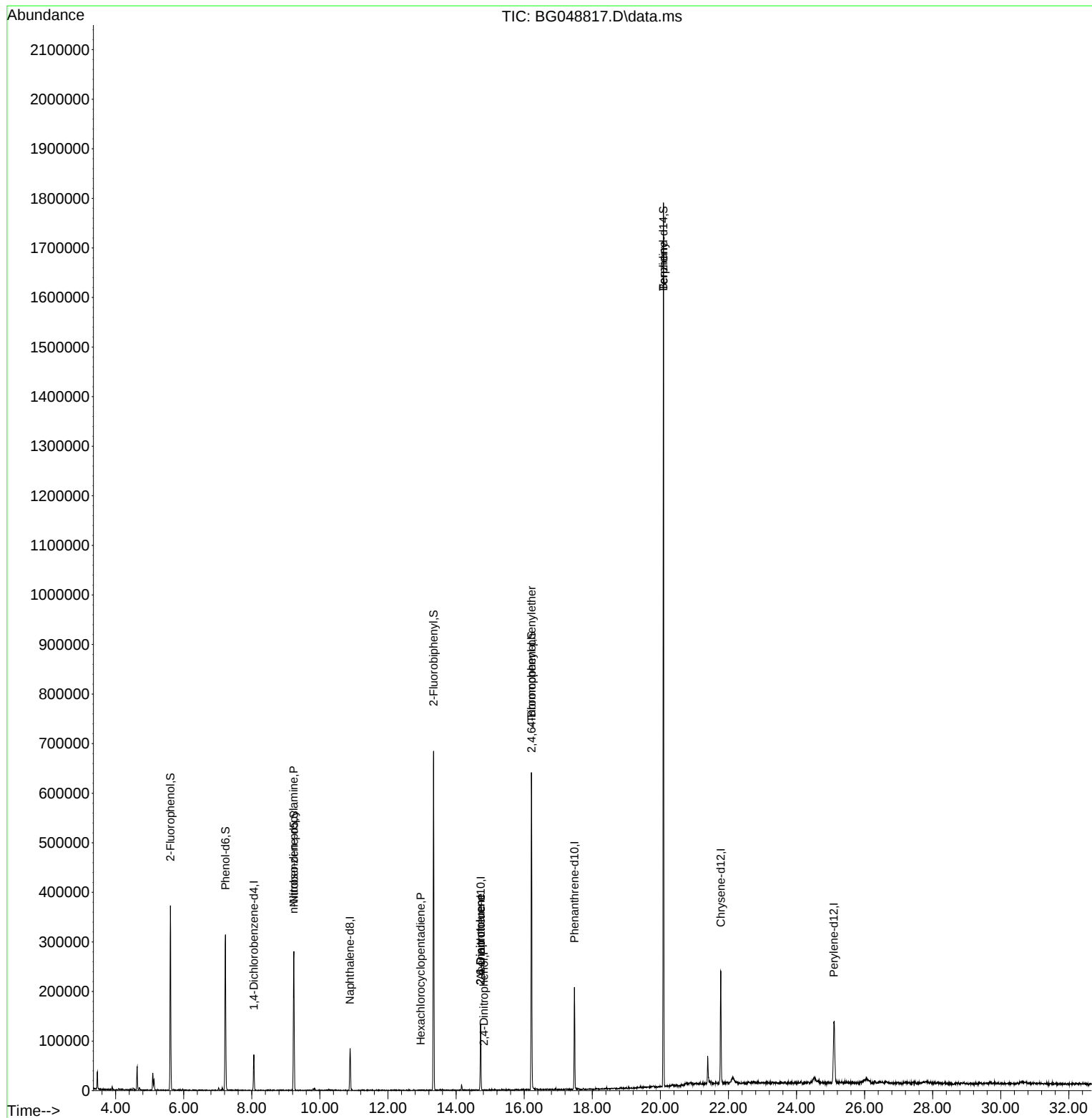
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	17722	20.00	ng	# 0.00
21) Naphthalene-d8	10.885	136	68657	20.00	ng	# 0.00
39) Acenaphthene-d10	14.722	164	46123	20.00	ng	0.00
64) Phenanthrene-d10	17.478	188	124822	20.00	ng	# 0.00
76) Chrysene-d12	21.778	240	144021	20.00	ng	# 0.00
86) Perylene-d12	25.098	264	137278	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.609	112	140706	132.79	ng	0.00
7) Phenol-d6	7.225	99	153514	102.43	ng	0.00
23) Nitrobenzene-d5	9.234	82	159593	104.07	ng	0.00
42) 2,4,6-Tribromophenol	16.220	330	108119	174.83	ng	0.00
45) 2-Fluorobiphenyl	13.341	172	340461	106.60	ng	0.00
79) Terphenyl-d14	20.092	244	775575	92.69	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.228	70	25709	25.42	ng	# 68
41) Hexachlorocyclopentadiene	12.959	237	90	5.96	ng	# 31
51) 2,6-Dinitrotoluene	14.716	165	6225	7.80	ng	# 13
54) 2,4-Dinitrophenol	14.816	184	66	5.41	ng	# 8
57) 2,4-Dinitrotoluene	14.716	165	6225	5.37	ng	# 19
67) 4-Bromophenyl-phenylether	16.214	248	7777	5.41	ng	# 1
77) Benzidine	20.092	184	14782	3.78	ng	# 90

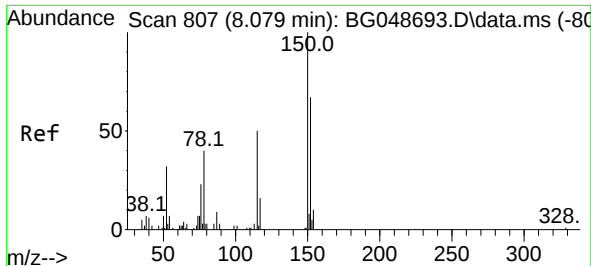
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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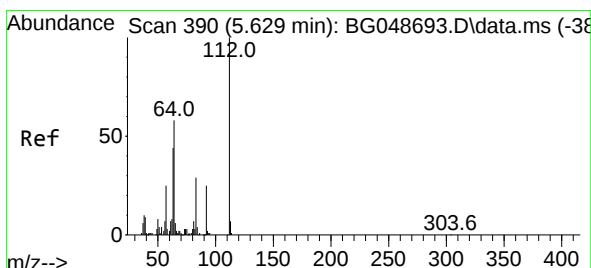
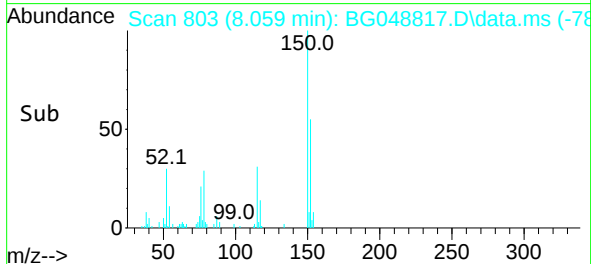
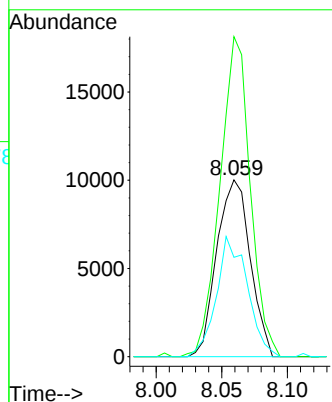
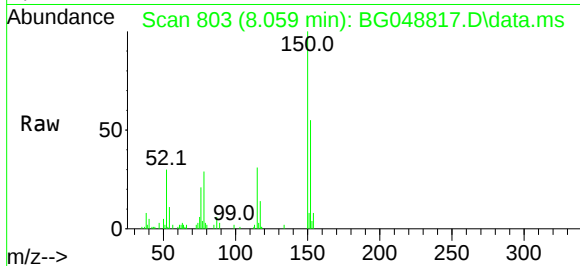




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.059 min Scan# 803
Delta R.T. -0.002 min
Lab File: BG048817.D
Acq: 21 Apr 2021 13:10

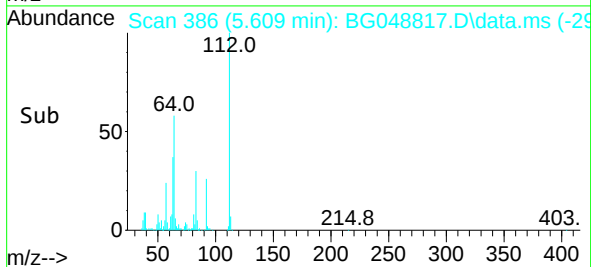
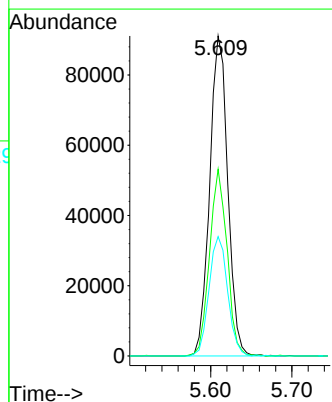
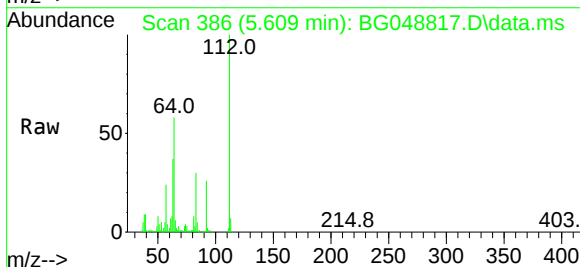
Instrument :
BNA_G
ClientSampleId :
SEDGWICK-COMP-2

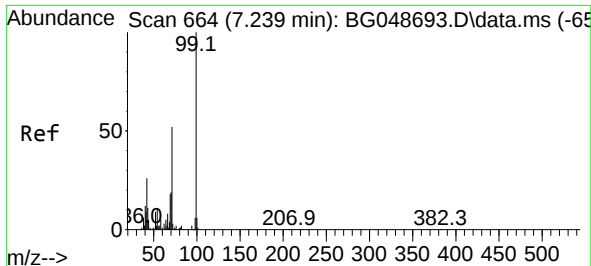
Tgt Ion:152 Resp: 17722
Ion Ratio Lower Upper
152 100
150 181.1 119.4 179.0#
115 56.3 60.2 90.4#



#5
2-Fluorophenol
Concen: 132.79 ng
RT: 5.609 min Scan# 386
Delta R.T. 0.004 min
Lab File: BG048817.D
Acq: 21 Apr 2021 13:10

Tgt Ion:112 Resp: 140706
Ion Ratio Lower Upper
112 100
64 58.4 46.7 70.1
63 37.3 35.3 52.9

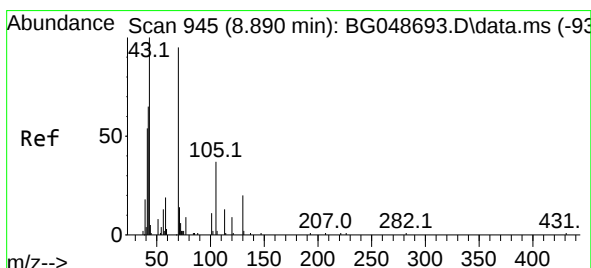
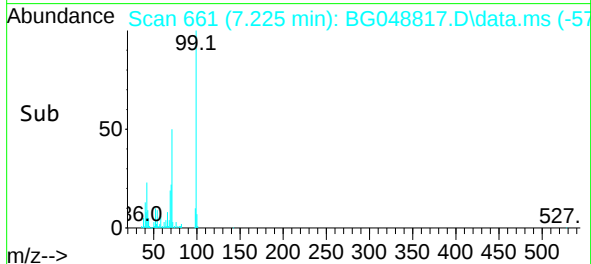
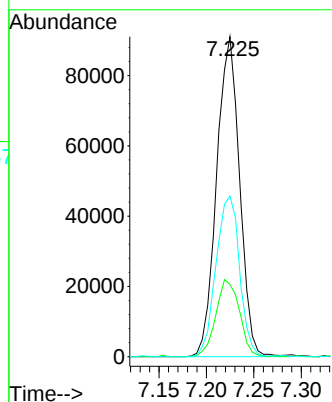
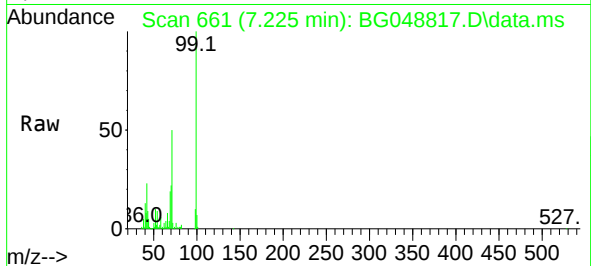




#7
Phenol-d6
Concen: 102.43 ng
RT: 7.225 min Scan# 661
Delta R.T. 0.004 min
Lab File: BG048817.D
Acq: 21 Apr 2021 13:10

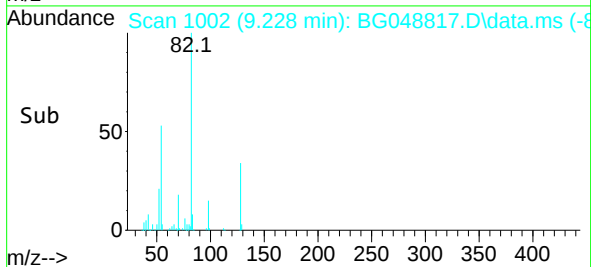
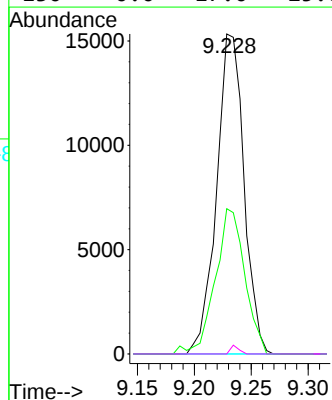
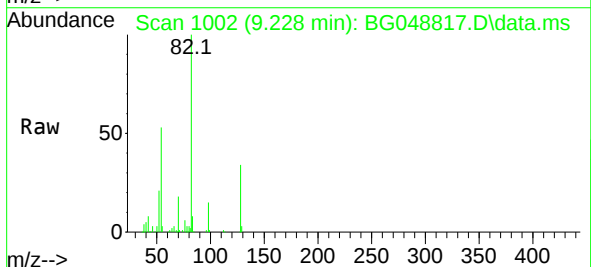
Instrument :
BNA_G
ClientSampleId :
SEDGWICK-COMP-2

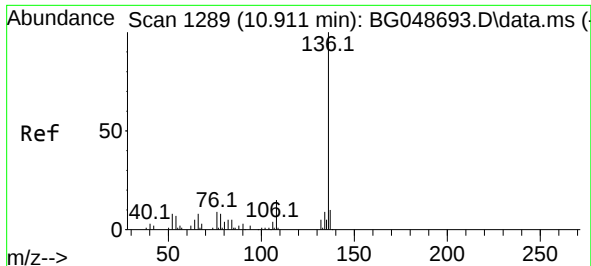
Tgt Ion: 99 Resp: 153514
Ion Ratio Lower Upper
99 100
42 22.6 20.5 30.7
71 50.2 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 25.42 ng
RT: 9.228 min Scan# 1002
Delta R.T. 0.356 min
Lab File: BG048817.D
Acq: 21 Apr 2021 13:10

Tgt Ion: 70 Resp: 25709
Ion Ratio Lower Upper
70 100
42 45.4 54.5 81.7#
101 0.0 9.0 13.6#
130 0.0 17.0 25.6#

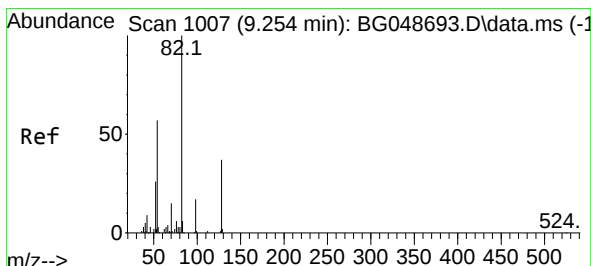
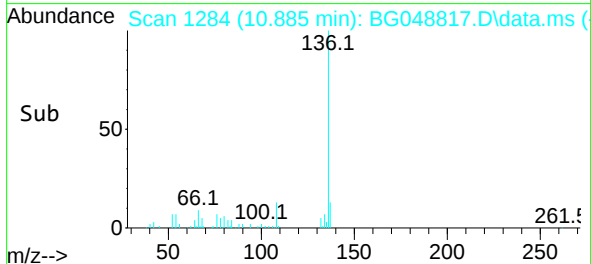
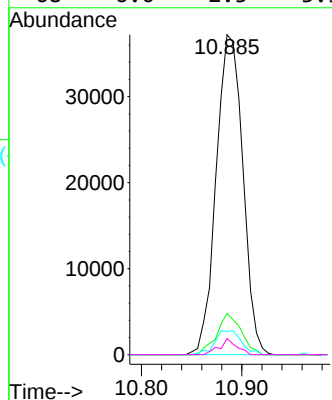
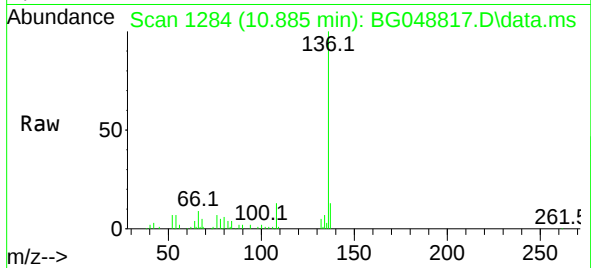




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.885 min Scan# 1284
Delta R.T. -0.008 min
Lab File: BG048817.D
Acq: 21 Apr 2021 13:10

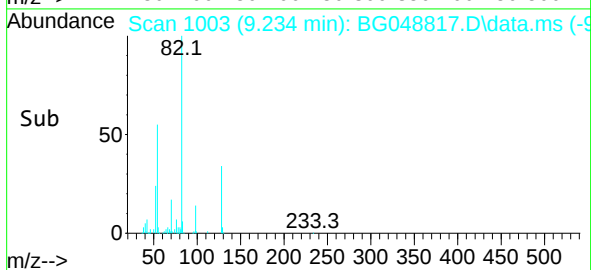
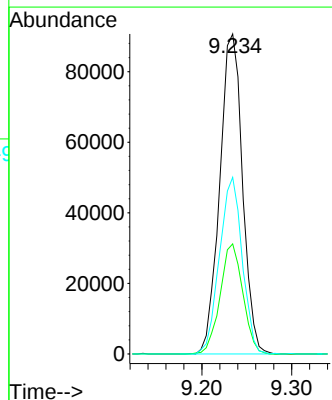
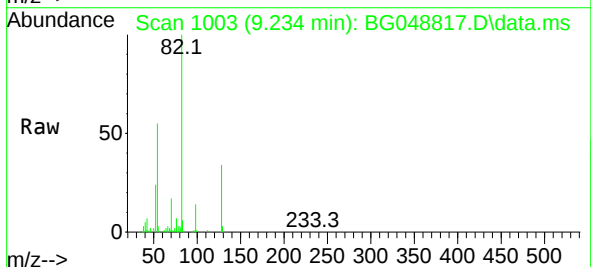
Instrument :
BNA_G
ClientSampleId :
SEDGWICK-COMP-2

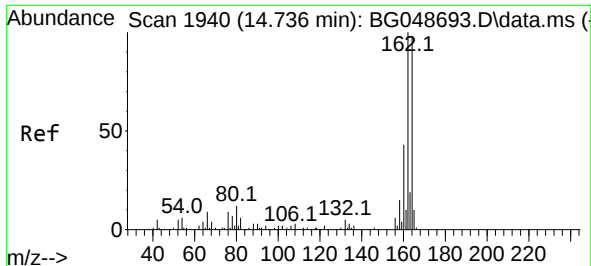
Tgt Ion:	136	Resp:	68657
Ion Ratio	Lower	Upper	
136	100		
137	12.9	8.2	12.2#
54	7.3	5.5	8.3
68	6.0	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 104.07 ng
RT: 9.234 min Scan# 1003
Delta R.T. -0.002 min
Lab File: BG048817.D
Acq: 21 Apr 2021 13:10

Tgt Ion:	82	Resp:	159593
Ion Ratio	Lower	Upper	
82	100		
128	34.4	29.8	44.6
54	55.2	45.8	68.8





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.722 min Scan# 1937

Delta R.T. -0.002 min

Lab File: BG048817.D

Acq: 21 Apr 2021 13:10

Instrument :

BNA_G

ClientSampleId :

SEDGWICK-COMP-2

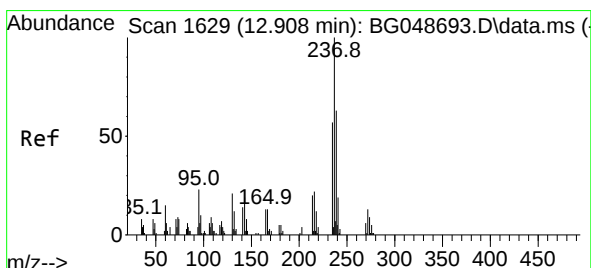
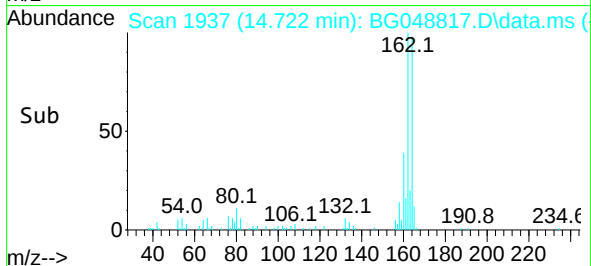
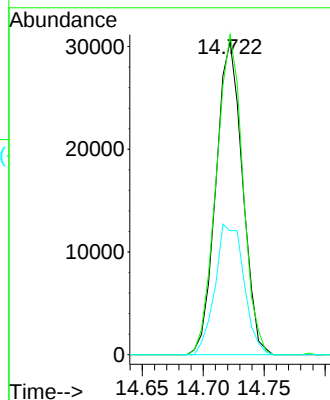
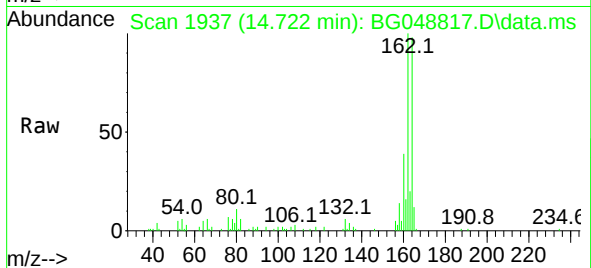
Tgt Ion:164 Resp: 46123

Ion Ratio Lower Upper

164 100

162 102.2 81.4 122.0

160 39.6 34.9 52.3



#41

Hexachlorocyclopentadiene

Concen: 5.96 ng

RT: 12.959 min Scan# 1637

Delta R.T. 0.068 min

Lab File: BG048817.D

Acq: 21 Apr 2021 13:10

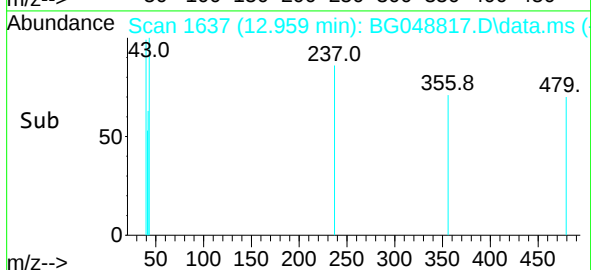
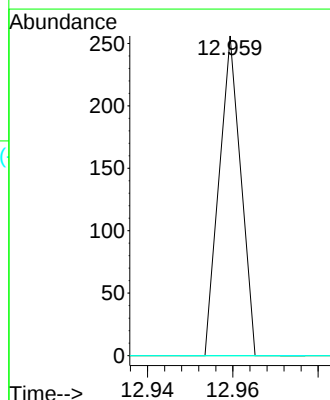
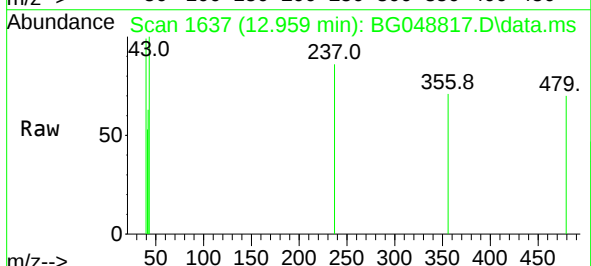
Tgt Ion:237 Resp: 90

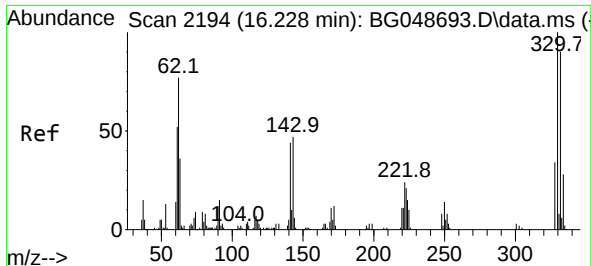
Ion Ratio Lower Upper

237 100

235 0.0 36.6 76.6#

272 0.0 0.0 32.5

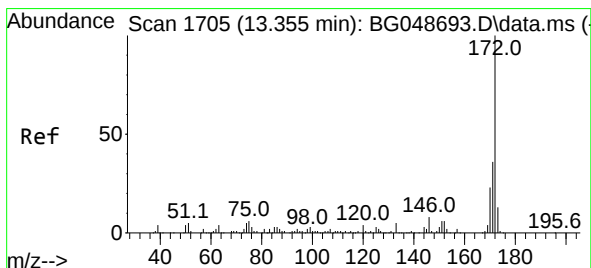
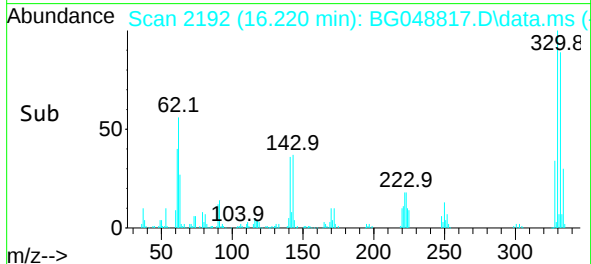
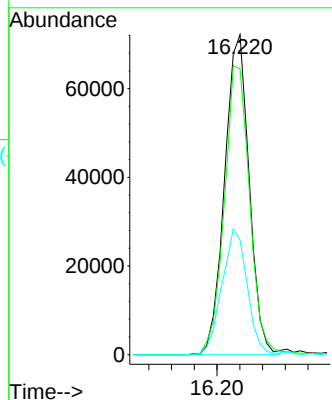
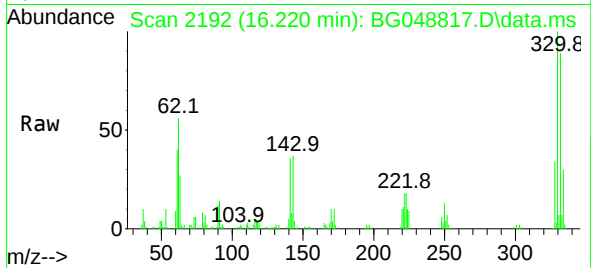




#42
2,4,6-Tribromophenol
Concen: 174.83 ng
RT: 16.220 min Scan# 2192
Delta R.T. 0.004 min
Lab File: BG048817.D
Acq: 21 Apr 2021 13:10

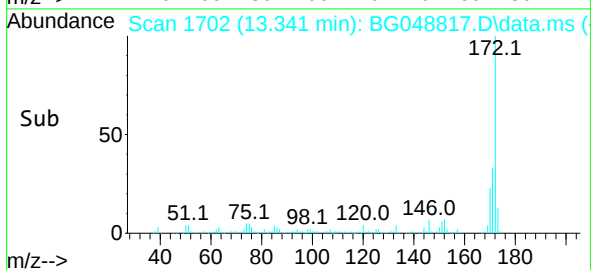
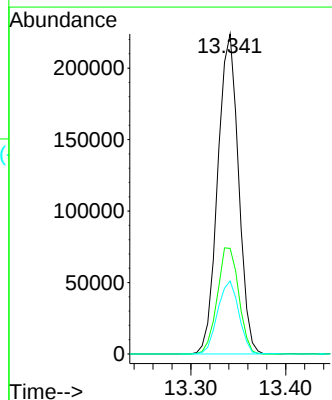
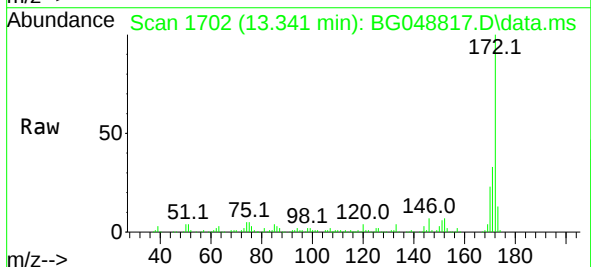
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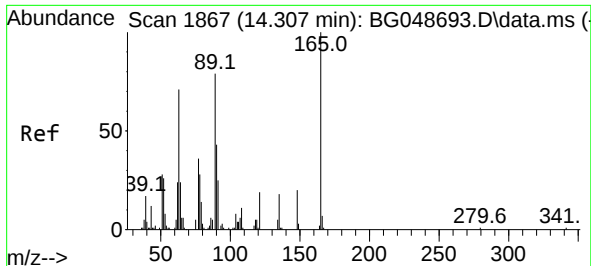
Tgt Ion:330 Resp: 108119
Ion Ratio Lower Upper
330 100
332 93.4 77.3 115.9
141 40.3 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 106.60 ng
RT: 13.341 min Scan# 1702
Delta R.T. -0.002 min
Lab File: BG048817.D
Acq: 21 Apr 2021 13:10

Tgt Ion:172 Resp: 340461
Ion Ratio Lower Upper
172 100
171 33.0 28.6 43.0
170 22.8 18.6 27.8

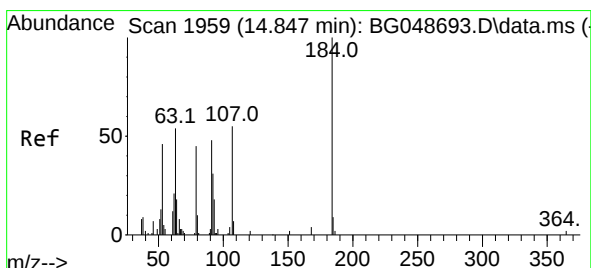
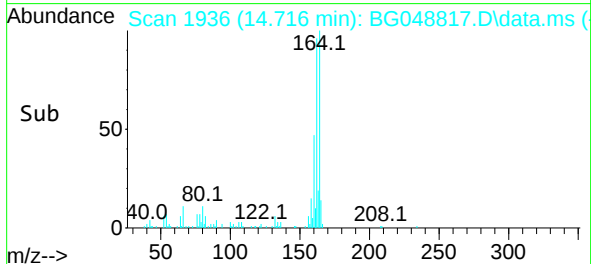
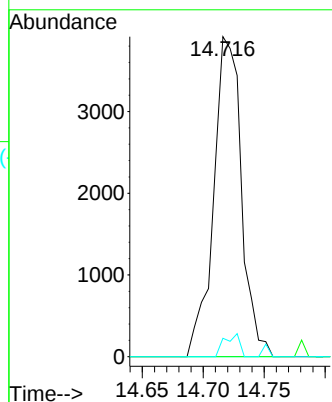
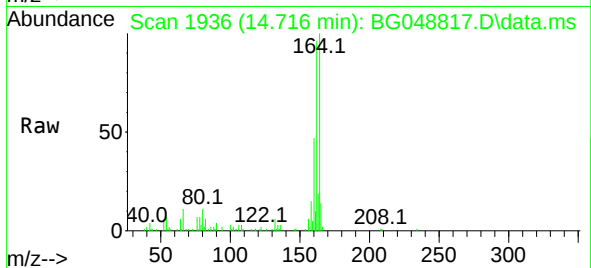




#51
2,6-Dinitrotoluene
Concen: 7.80 ng
RT: 14.716 min Scan# 1936
Delta R.T. 0.421 min
Lab File: BG048817.D
Acq: 21 Apr 2021 13:10

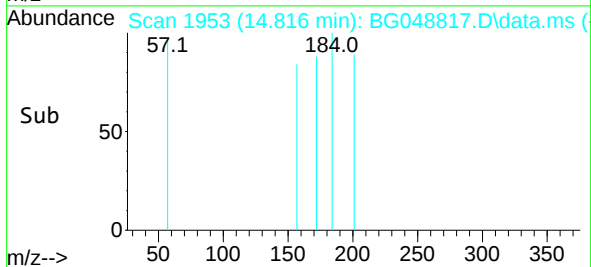
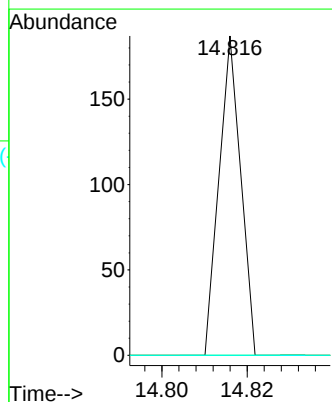
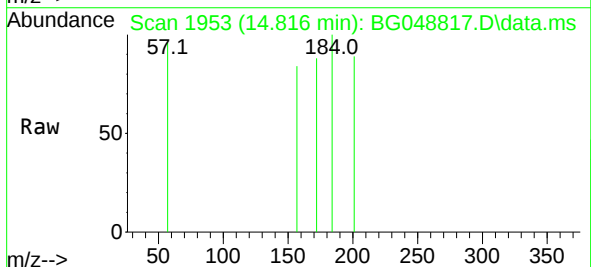
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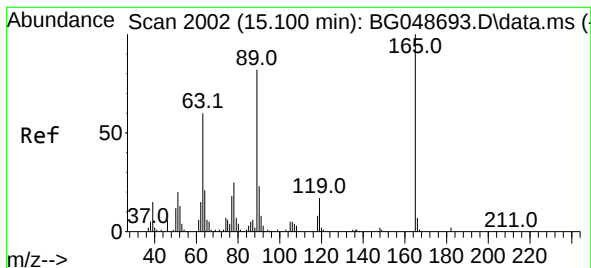
Tgt Ion:165 Resp: 6225
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 5.8 63.4 95.0#



#54
2,4-Dinitrophenol
Concen: 5.41 ng
RT: 14.816 min Scan# 1953
Delta R.T. -0.020 min
Lab File: BG048817.D
Acq: 21 Apr 2021 13:10

Tgt Ion:184 Resp: 66
Ion Ratio Lower Upper
184 100
63 0.0 68.3 102.5#
154 0.0 62.6 93.8#

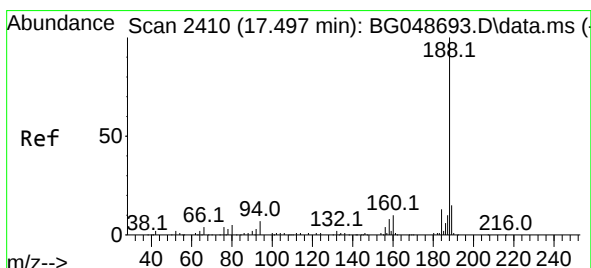
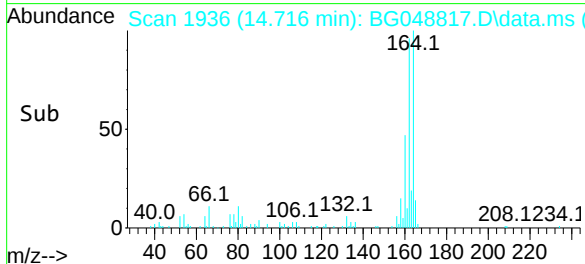
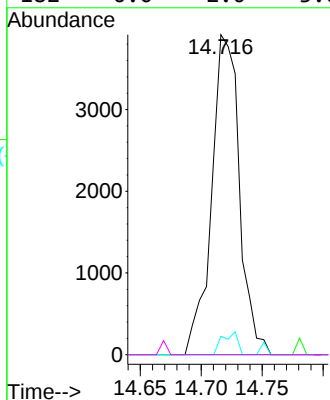
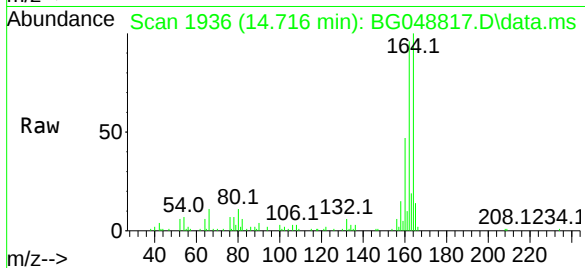




#57
2,4-Dinitrotoluene
Concen: 5.37 ng
RT: 14.716 min Scan# 1936
Delta R.T. -0.366 min
Lab File: BG048817.D
Acq: 21 Apr 2021 13:10

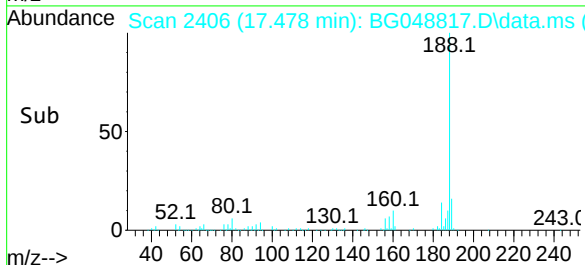
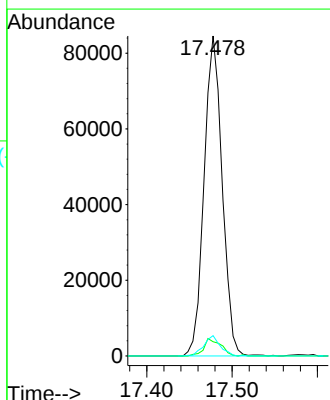
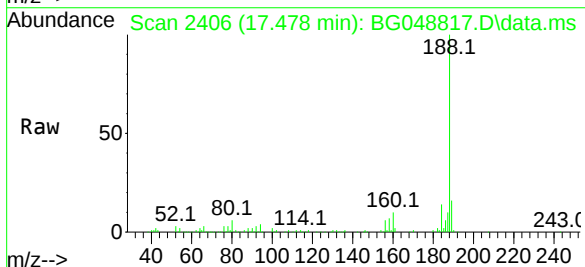
Instrument :
BNA_G
ClientSampleId :
SEDGWICK-COMP-2

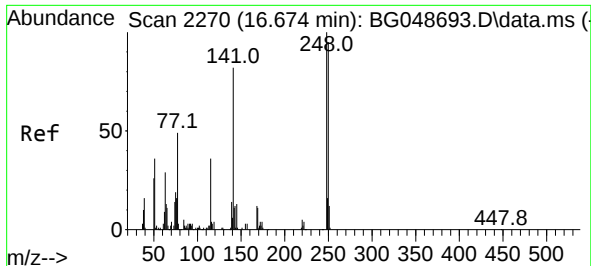
Tgt Ion:165 Resp: 6225
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 5.8 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.478 min Scan# 2406
Delta R.T. -0.002 min
Lab File: BG048817.D
Acq: 21 Apr 2021 13:10

Tgt Ion:188 Resp: 124822
Ion Ratio Lower Upper
188 100
94 4.4 5.4 8.0#
80 6.4 3.7 5.5#

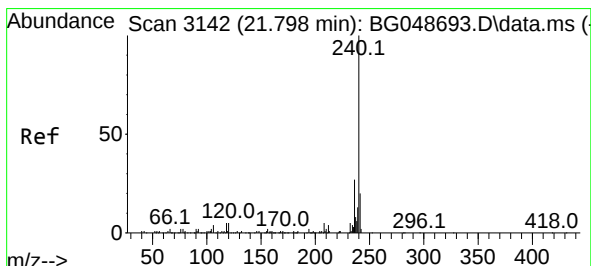
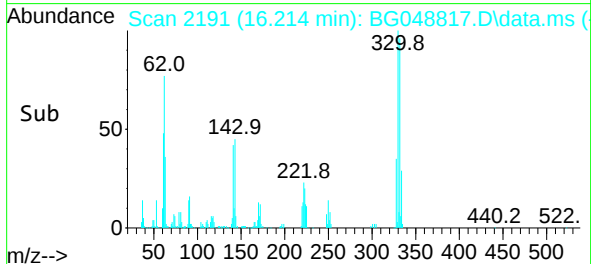
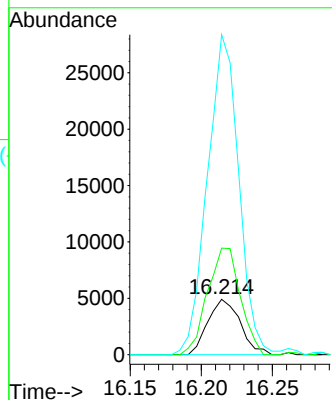
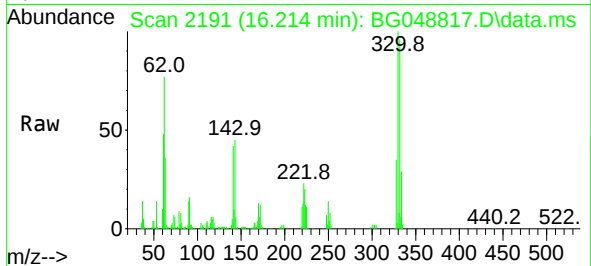




#67
4-Bromophenyl-phenylether
Concen: 5.41 ng
RT: 16.214 min Scan# 2191
Delta R.T. -0.449 min
Lab File: BG048817.D
Acq: 21 Apr 2021 13:10

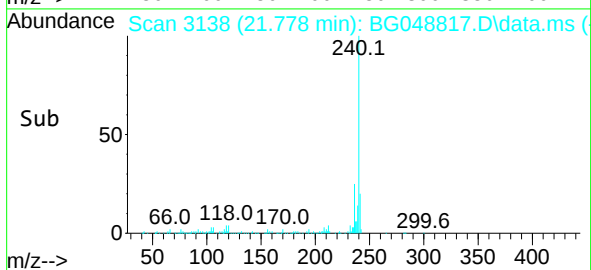
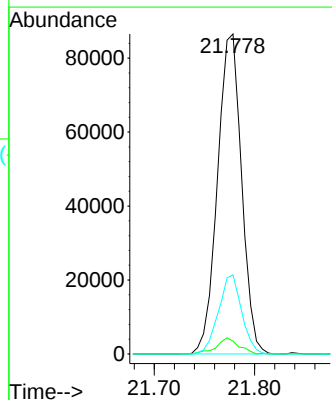
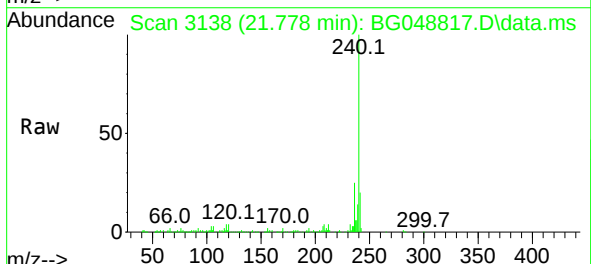
Instrument :
BNA_G
ClientSampleId :
SEDGWICK-COMP-2

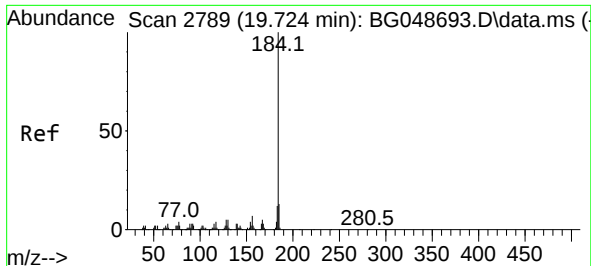
Tgt Ion:248 Resp: 7777
Ion Ratio Lower Upper
248 100
250 192.5 76.1 114.1#
141 578.0 65.4 98.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.778 min Scan# 3138
Delta R.T. -0.002 min
Lab File: BG048817.D
Acq: 21 Apr 2021 13:10

Tgt Ion:240 Resp: 144021
Ion Ratio Lower Upper
240 100
120 4.0 4.2 6.2#
236 24.7 21.8 32.6

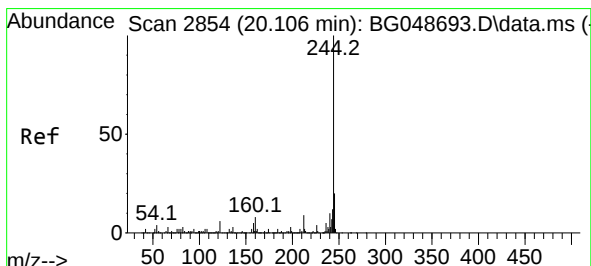
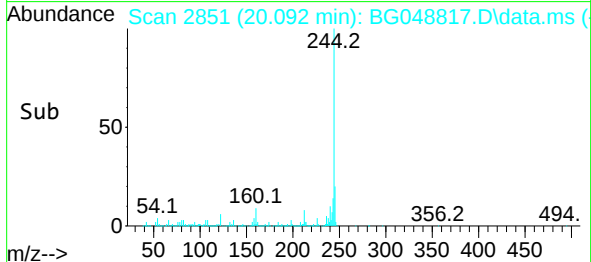
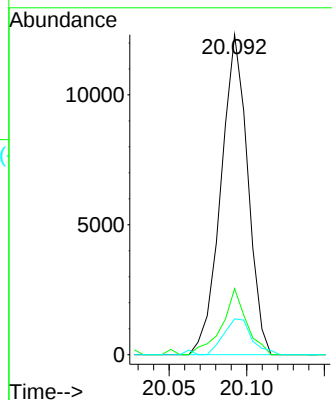
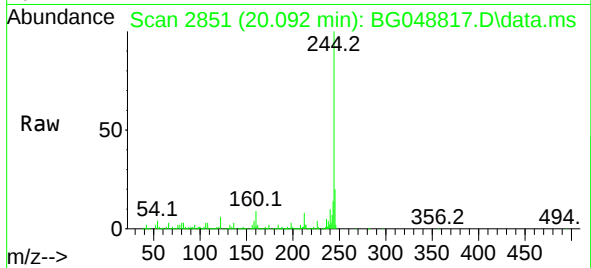




#77
Benzidine
Concen: 3.78 ng
RT: 20.092 min Scan# 2851
Delta R.T. 0.380 min
Lab File: BG048817.D
Acq: 21 Apr 2021 13:10

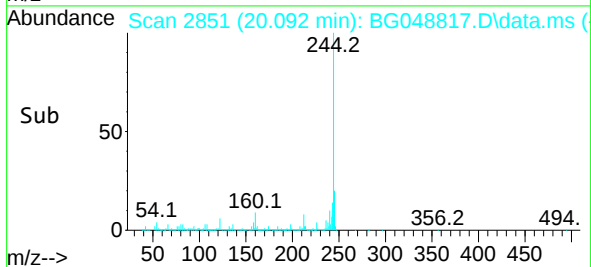
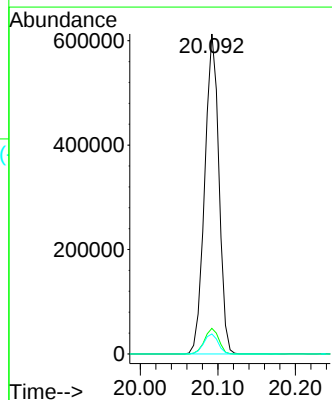
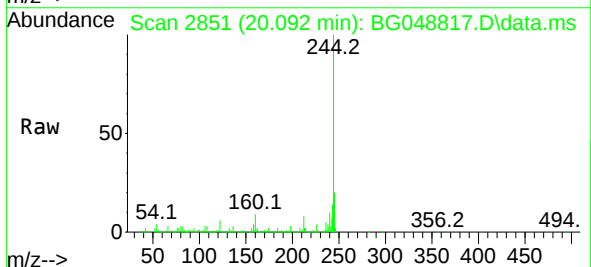
Instrument :
BNA_G
ClientSampleId :
SEDGWICK-COMP-2

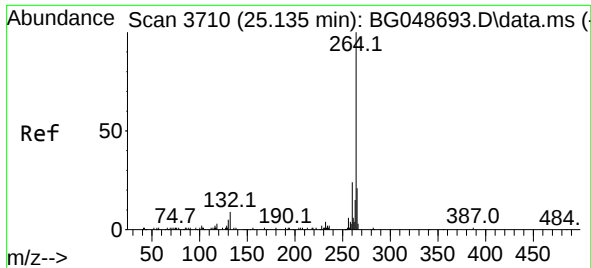
Tgt Ion:184 Resp: 14782
Ion Ratio Lower Upper
184 100
185 20.7 10.7 16.1#
183 11.2 9.4 14.0



#79
Terphenyl-d14
Concen: 92.69 ng
RT: 20.092 min Scan# 2851
Delta R.T. -0.002 min
Lab File: BG048817.D
Acq: 21 Apr 2021 13:10

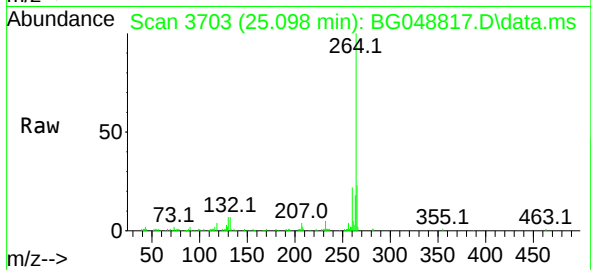
Tgt Ion:244 Resp: 775575
Ion Ratio Lower Upper
244 100
212 8.0 6.9 10.3
122 6.3 5.0 7.6





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.098 min Scan# 3703
 Delta R.T. -0.014 min
 Lab File: BG048817.D
 Acq: 21 Apr 2021 13:10

Instrument :
 BNA_G
 ClientSampleId :
 SEDGWICK-COMP-2



Tgt Ion:	264	Resp:	137278
Ion Ratio	Lower	Upper	
264	100		
260	22.0	19.4	29.2
265	23.3	16.9	25.3

