

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031721\
 Data File : BG048398.D
 Acq On : 17 Mar 2021 15:07
 Operator : CG/JU
 Sample : M1652-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 17 15:47:44 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 16 16:05:10 2021
 Response via : Initial Calibration

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

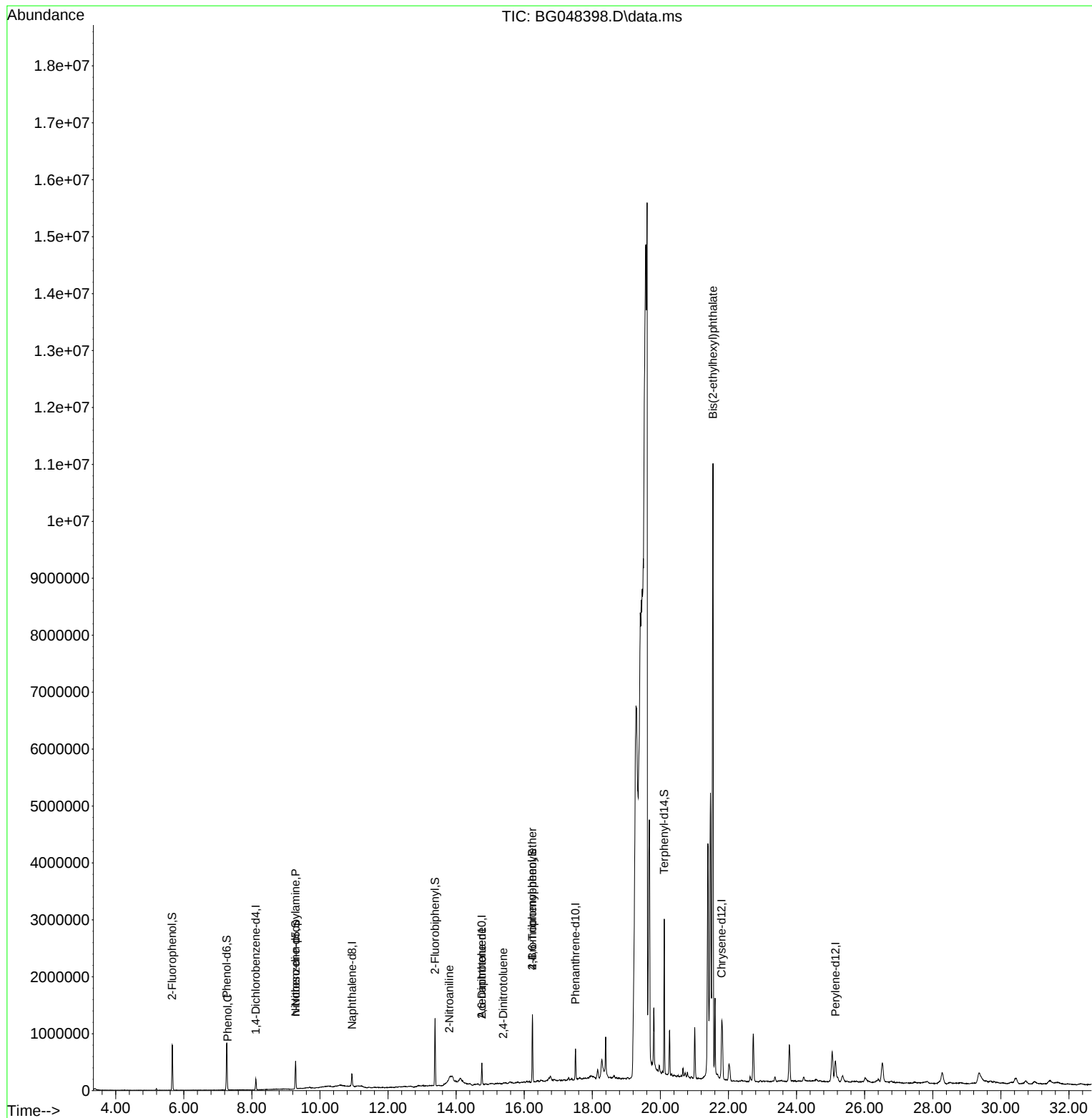
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.115	152	47779	20.00	ng	0.00
21) Naphthalene-d8	10.941	136	166393	20.00	ng	# 0.00
39) Acenaphthene-d10	14.754	164	130632	20.00	ng	0.00
64) Phenanthrene-d10	17.504	188	328111	20.00	ng	# 0.00
76) Chrysene-d12	21.799	240	383828	20.00	ng	# 0.00
86) Perylene-d12	25.142	264	391512	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.659	112	300972	108.20	ng	0.00
7) Phenol-d6	7.263	99	411515	100.42	ng	0.00
23) Nitrobenzene-d5	9.284	82	291533	77.85	ng	0.00
42) 2,4,6-Tribromophenol	16.241	330	209603	125.41	ng	0.00
45) 2-Fluorobiphenyl	13.379	172	573735	61.90	ng	0.00
79) Terphenyl-d14	20.113	244	1222953	61.58	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.251	77	2337	Below Cal	#	34
10) Phenol	7.287	94	10870	2.60	ng	# 59
19) n-Nitroso-di-n-propyla...	9.284	70	44681	14.15	ng	# 74
48) 2-Nitroaniline	13.797	65	888	3.80	ng	# 10
51) 2,6-Dinitrotoluene	14.754	165	19543	10.23	ng	# 35
57) 2,4-Dinitrotoluene	15.383	165	593	2.12	ng	# 60
67) 4-Bromophenyl-phenylether	16.241	248	13976	3.54	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.546	149	5296566	453.52	ng	# 50

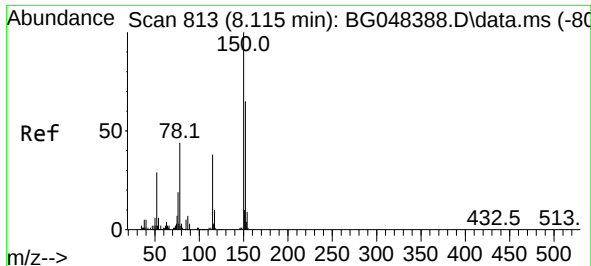
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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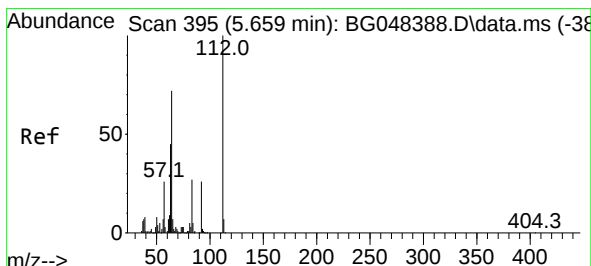
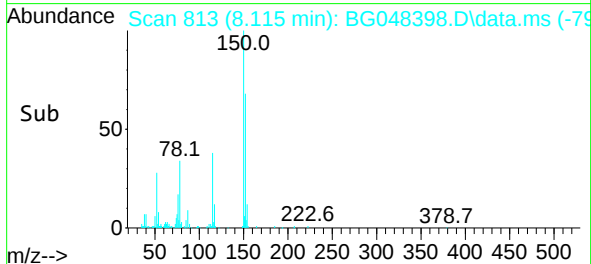
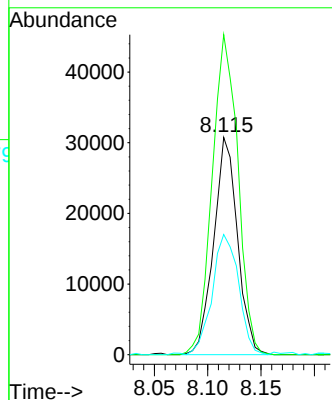
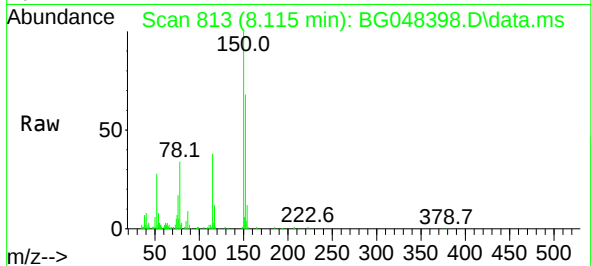




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.115 min Scan# 813
Delta R.T. 0.000 min
Lab File: BG048398.D
Acq: 17 Mar 2021 15:07

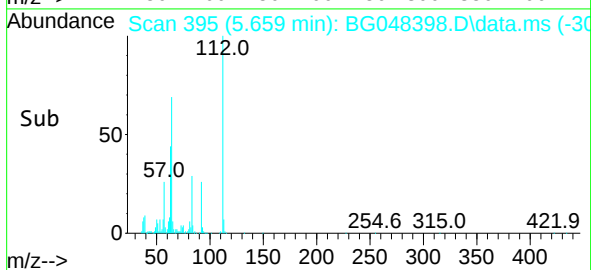
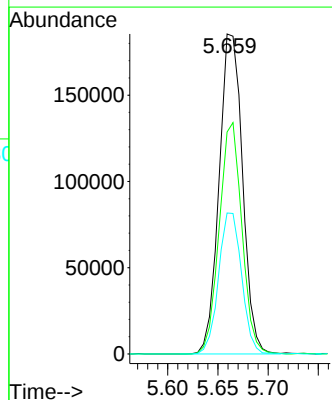
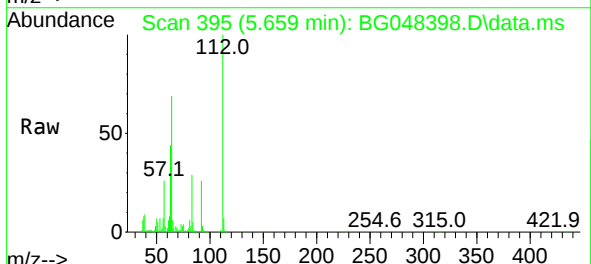
Instrument :
BNA_M
ClientSampled :

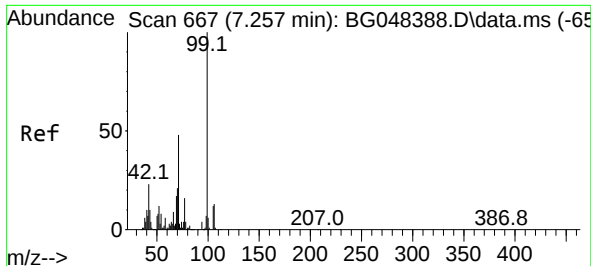
Tgt Ion:152 Resp: 47779
Ion Ratio Lower Upper
152 100
150 147.2 125.0 187.6
115 55.3 41.8 62.6



#5
2-Fluorophenol
Concen: 108.20 ng
RT: 5.659 min Scan# 395
Delta R.T. -0.000 min
Lab File: BG048398.D
Acq: 17 Mar 2021 15:07

Tgt Ion:112 Resp: 300972
Ion Ratio Lower Upper
112 100
64 69.3 46.7 70.1
63 44.0 22.8 34.2#

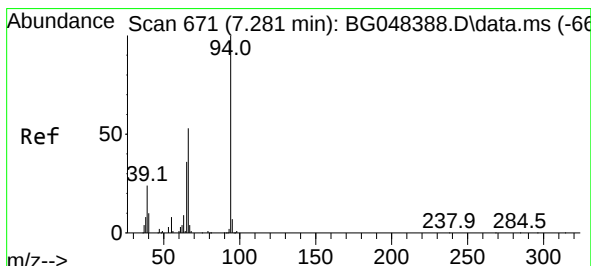
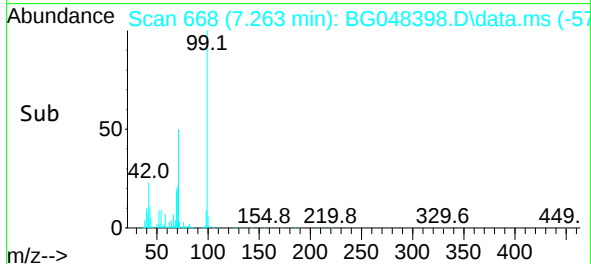
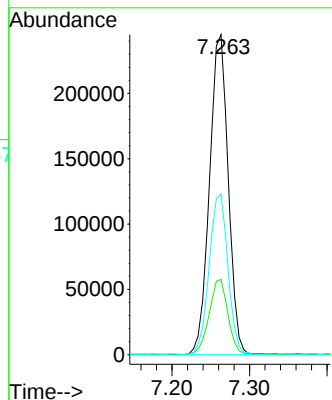
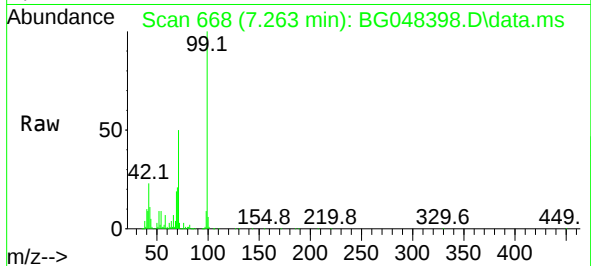




#7
Phenol-d6
Concen: 100.42 ng
RT: 7.263 min Scan# 668
Delta R.T. 0.006 min
Lab File: BG048398.D
Acq: 17 Mar 2021 15:07

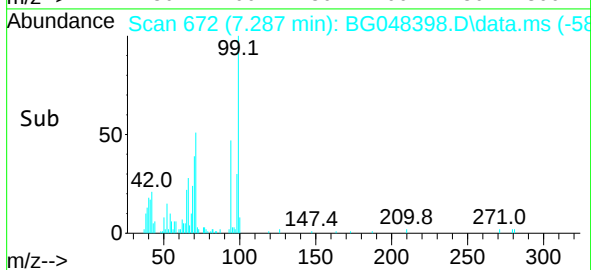
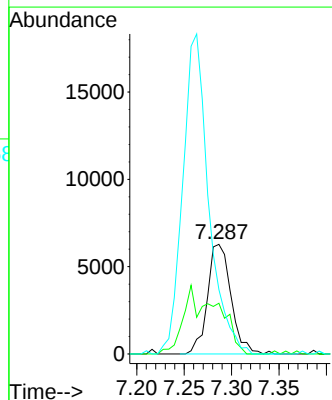
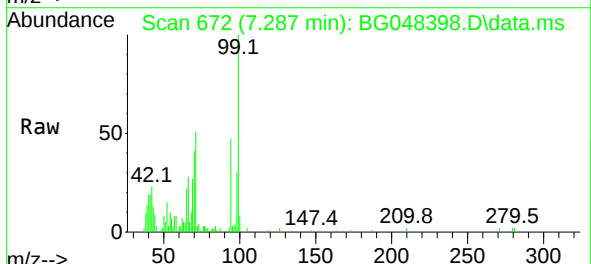
Instrument :
BNA_M
ClientSampled :

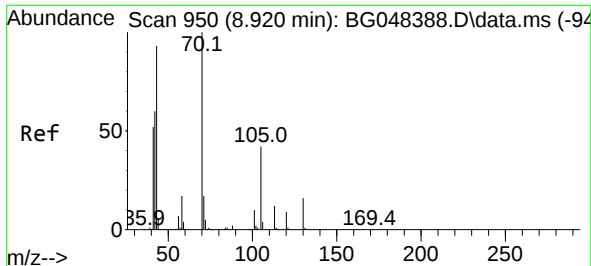
Tgt Ion: 99 Resp: 411515
Ion Ratio Lower Upper
99 100
42 23.5 12.8 19.2#
71 50.2 24.6 36.8#



#10
Phenol
Concen: 2.60 ng
RT: 7.287 min Scan# 672
Delta R.T. 0.006 min
Lab File: BG048398.D
Acq: 17 Mar 2021 15:07

Tgt Ion: 94 Resp: 10870
Ion Ratio Lower Upper
94 100
65 46.2 6.6 46.6
66 58.7 13.9 53.9#

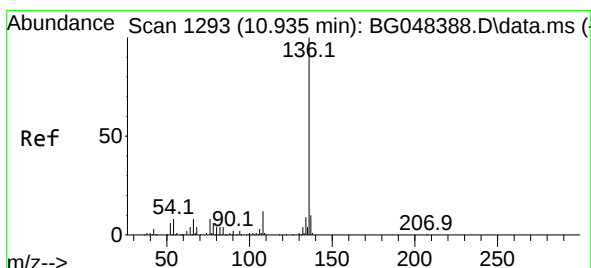
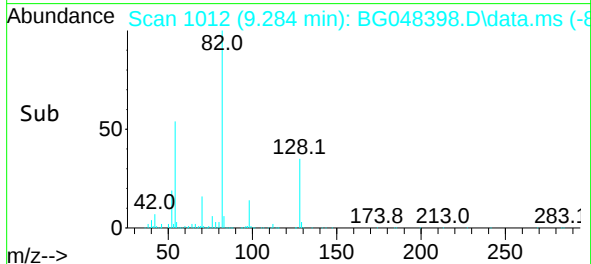
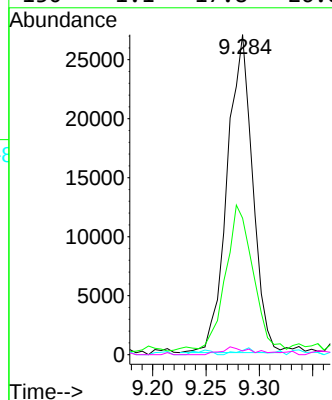
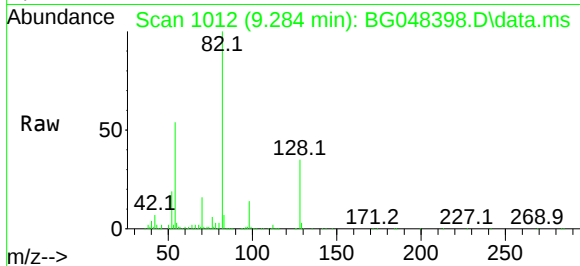




#19
n-Nitroso-di-n-propylamine
Concen: 14.15 ng
RT: 9.284 min Scan# 1012
Delta R.T. 0.364 min
Lab File: BG048398.D
Acq: 17 Mar 2021 15:07

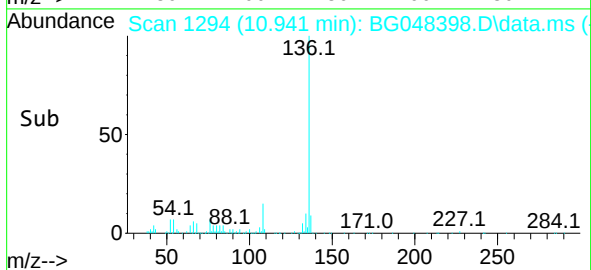
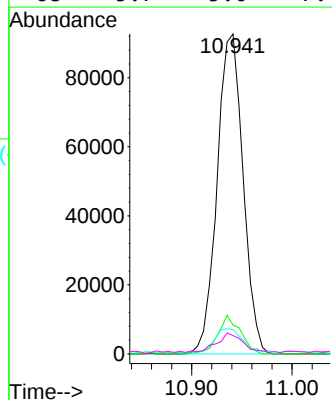
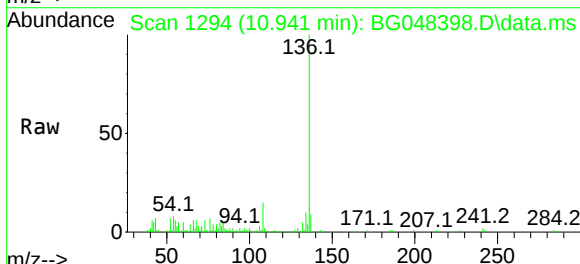
Instrument :
BNA_M
ClientSampled :

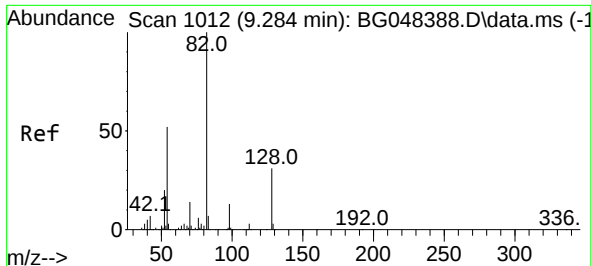
Tgt Ion: 70 Resp: 44681
Ion Ratio Lower Upper
70 100
42 42.7 45.6 68.4#
101 1.3 8.4 12.6#
130 1.1 17.8 26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.941 min Scan# 1294
Delta R.T. 0.006 min
Lab File: BG048398.D
Acq: 17 Mar 2021 15:07

Tgt Ion: 136 Resp: 166393
Ion Ratio Lower Upper
136 100
137 9.0 9.1 13.7#
54 7.7 6.2 9.4
68 5.7 5.0 7.4

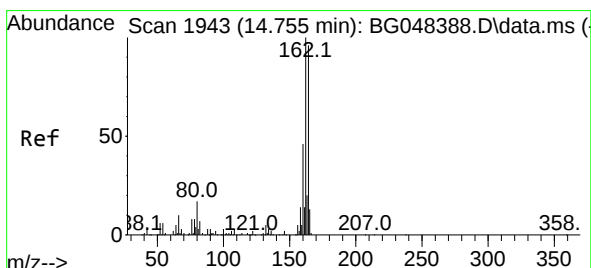
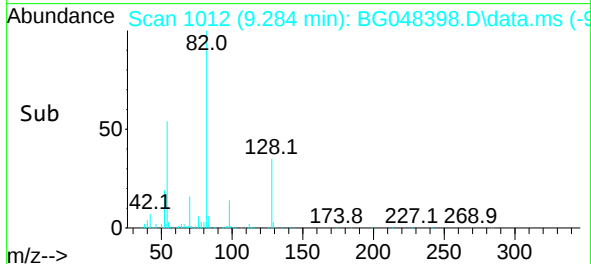
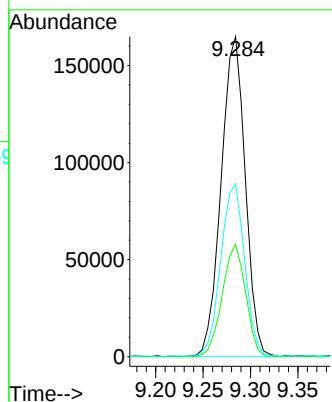
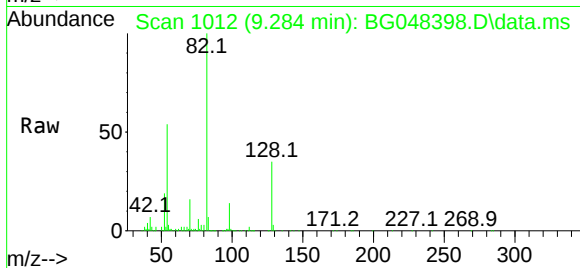




#23
Nitrobenzene-d5
Concen: 77.85 ng
RT: 9.284 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BG048398.D
Acq: 17 Mar 2021 15:07

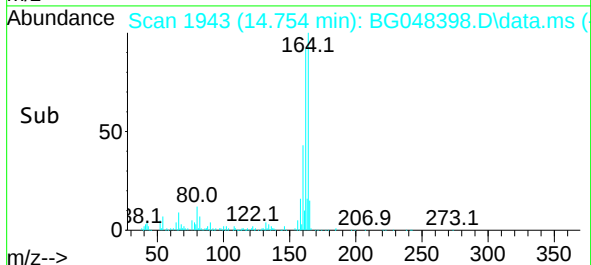
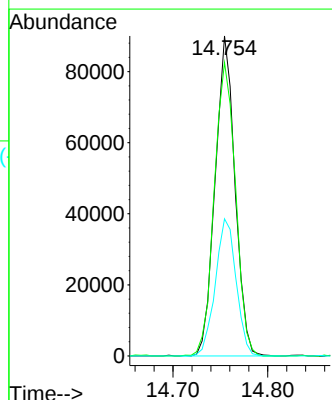
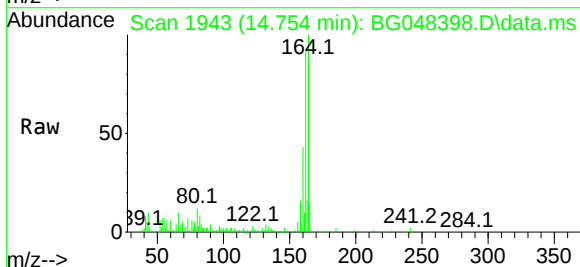
Instrument :
BNA_M
ClientSampled :

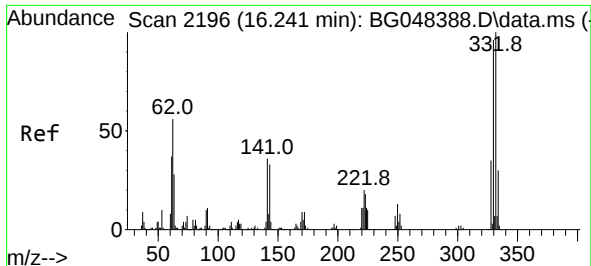
Tgt Ion: 82 Resp: 291533
Ion Ratio Lower Upper
82 100
128 35.2 37.0 55.6#
54 54.0 39.0 58.4



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.754 min Scan# 1943
Delta R.T. -0.001 min
Lab File: BG048398.D
Acq: 17 Mar 2021 15:07

Tgt Ion: 164 Resp: 130632
Ion Ratio Lower Upper
164 100
162 91.7 82.3 123.5
160 42.8 35.3 52.9

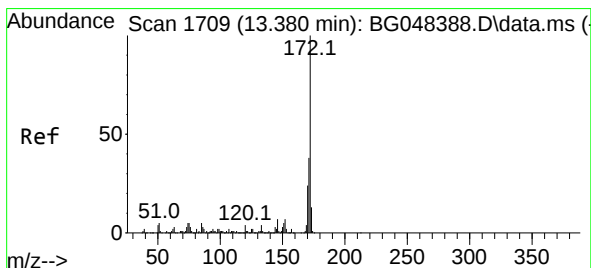
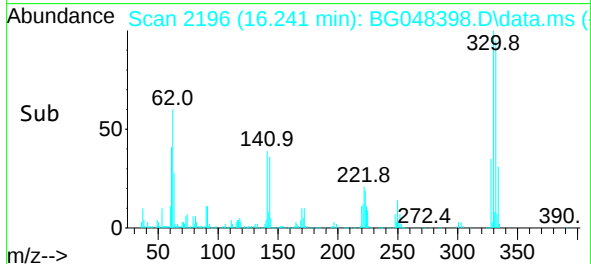
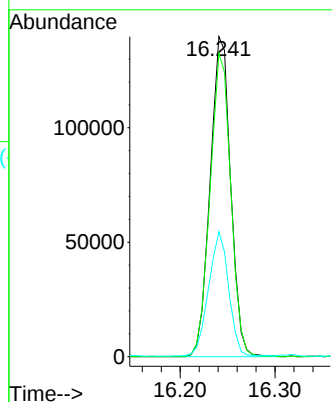
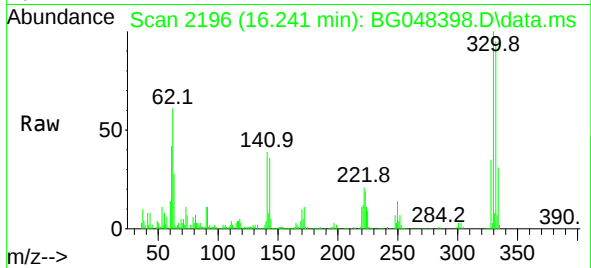




#42
2,4,6-Tribromophenol
Concen: 125.41 ng
RT: 16.241 min Scan# 2196
Delta R.T. -0.000 min
Lab File: BG048398.D
Acq: 17 Mar 2021 15:07

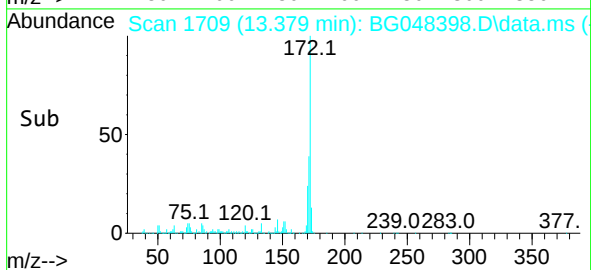
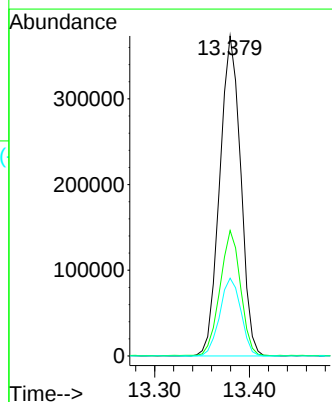
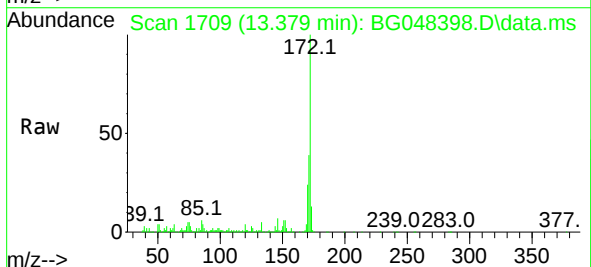
Instrument :
BNA_M
ClientSampleId :

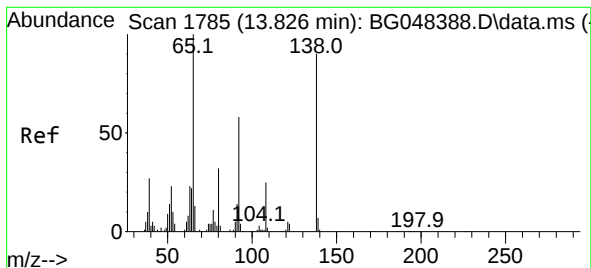
Tgt Ion:330 Resp: 209603
Ion Ratio Lower Upper
330 100
332 95.6 76.5 114.7
141 38.3 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 61.90 ng
RT: 13.379 min Scan# 1709
Delta R.T. -0.000 min
Lab File: BG048398.D
Acq: 17 Mar 2021 15:07

Tgt Ion:172 Resp: 573735
Ion Ratio Lower Upper
172 100
171 39.2 31.3 46.9
170 24.3 20.8 31.2

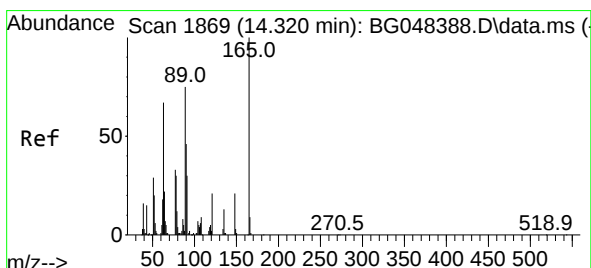
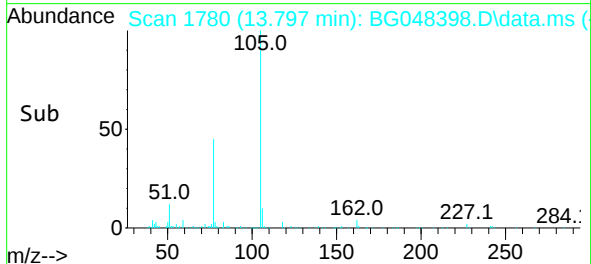
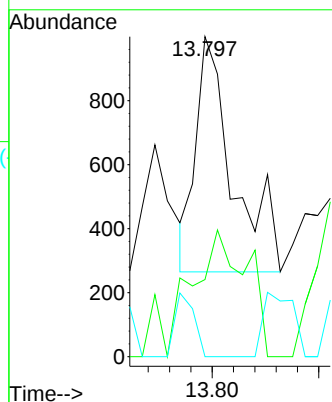
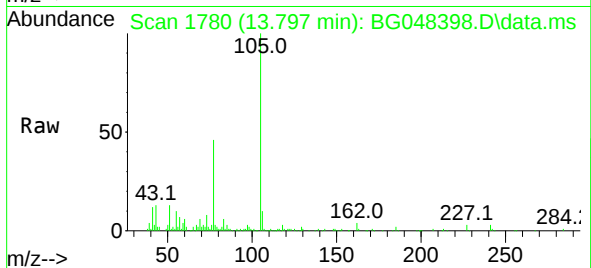




#48
2-Nitroaniline
Concen: 3.80 ng
RT: 13.797 min Scan# 1780
Delta R.T. -0.029 min
Lab File: BG048398.D
Acq: 17 Mar 2021 15:07

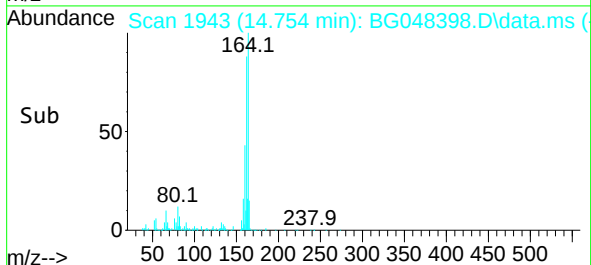
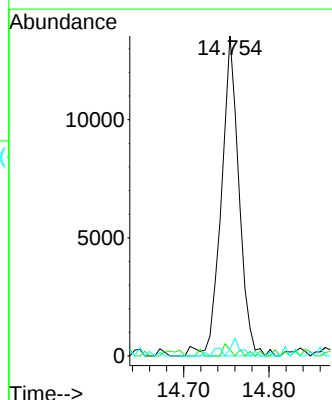
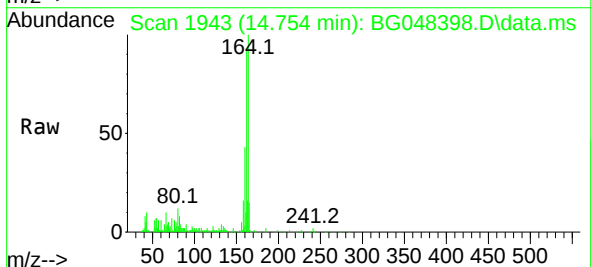
Instrument :
BNA_M
ClientSampled :

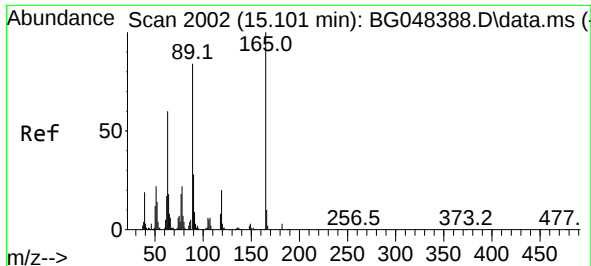
Tgt Ion: 65 Resp: 888
Ion Ratio Lower Upper
65 100
92 24.1 58.6 88.0#
138 0.0 98.2 147.4#



#51
2,6-Dinitrotoluene
Concen: 10.23 ng
RT: 14.754 min Scan# 1943
Delta R.T. 0.435 min
Lab File: BG048398.D
Acq: 17 Mar 2021 15:07

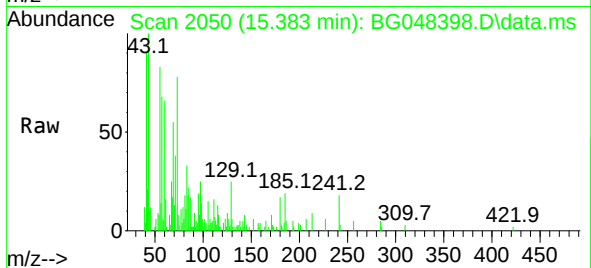
Tgt Ion:165 Resp: 19543
Ion Ratio Lower Upper
165 100
63 2.0 33.7 50.5#
89 2.2 36.6 54.8#



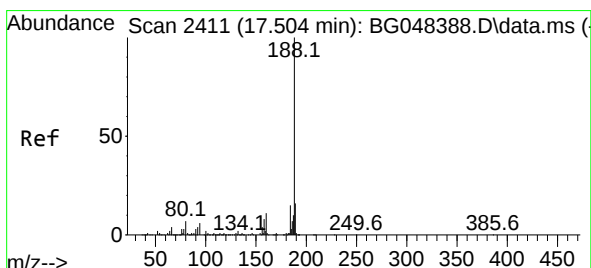
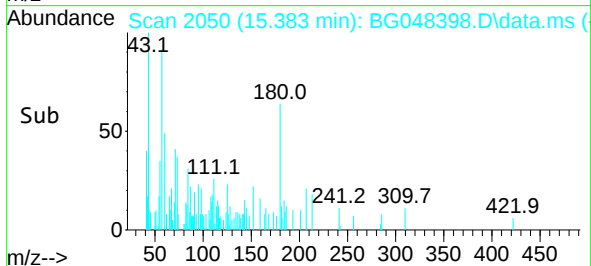
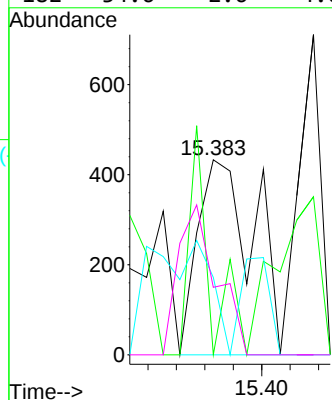


#57
2,4-Dinitrotoluene
Concen: 2.12 ng
RT: 15.383 min Scan# 2050
Delta R.T. 0.282 min
Lab File: BG048398.D
Acq: 17 Mar 2021 15:07

Instrument :
BNA_M
ClientSampled :

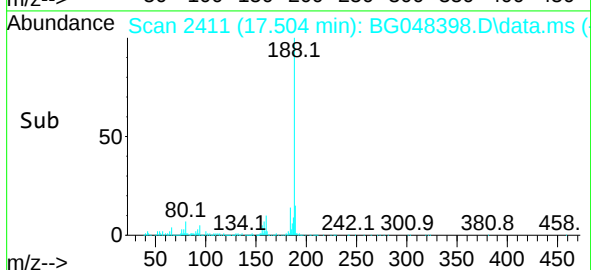
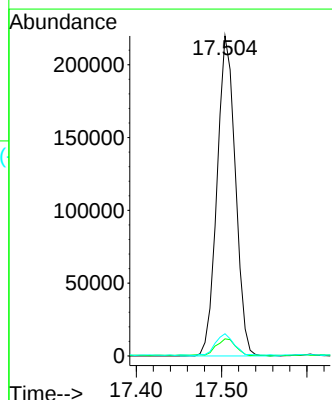
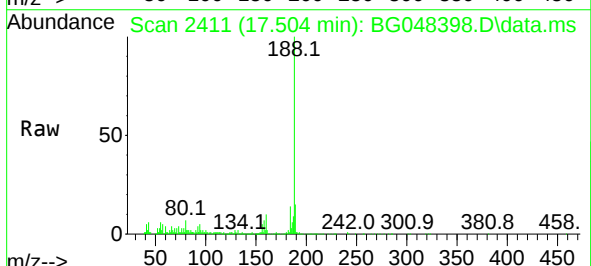


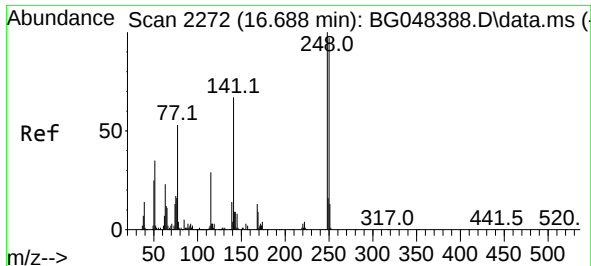
Tgt Ion:165 Resp: 593
Ion Ratio Lower Upper
165 100
63 0.0 26.4 39.6#
89 39.7 47.8 71.8#
182 34.6 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.504 min Scan# 2411
Delta R.T. 0.000 min
Lab File: BG048398.D
Acq: 17 Mar 2021 15:07

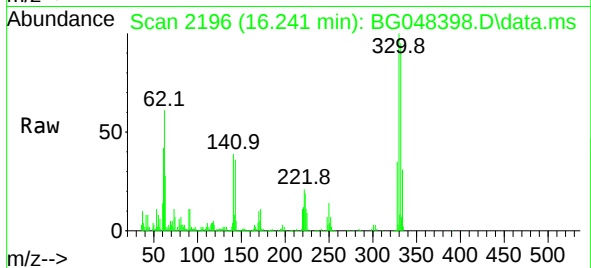
Tgt Ion:188 Resp: 328111
Ion Ratio Lower Upper
188 100
94 5.3 6.3 9.5#
80 7.0 7.0 10.6#



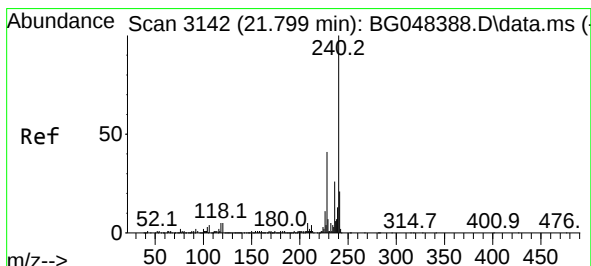
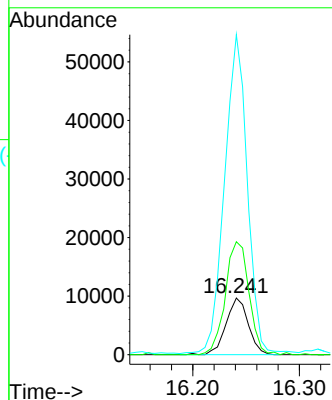
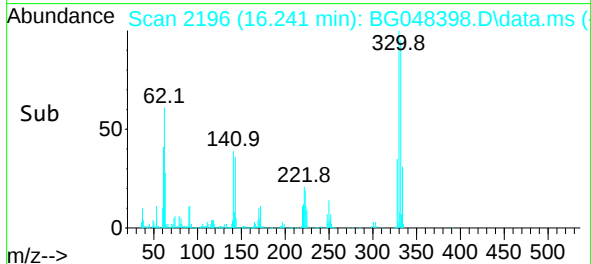


#67
4-Bromophenyl-phenylether
Concen: 3.54 ng
RT: 16.241 min Scan# 2196
Delta R.T. -0.447 min
Lab File: BG048398.D
Acq: 17 Mar 2021 15:07

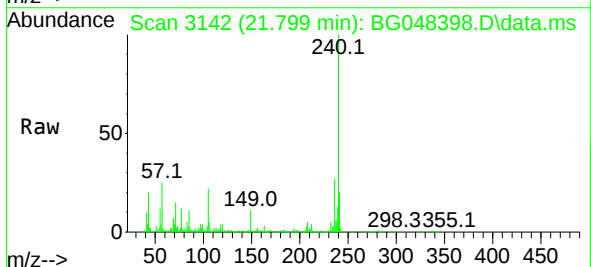
Instrument :
BNA_M
ClientSampled :



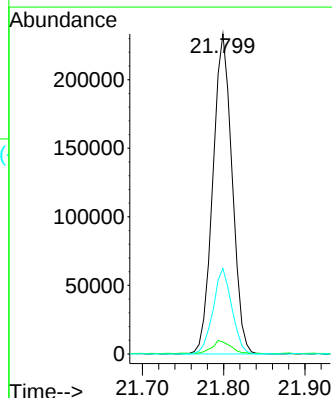
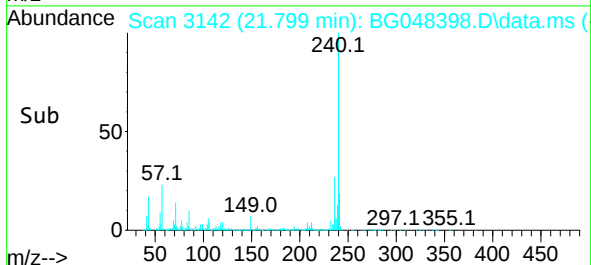
Tgt Ion:248 Resp: 13976
Ion Ratio Lower Upper
248 100
250 199.4 78.9 118.3#
141 565.0 46.2 69.4#

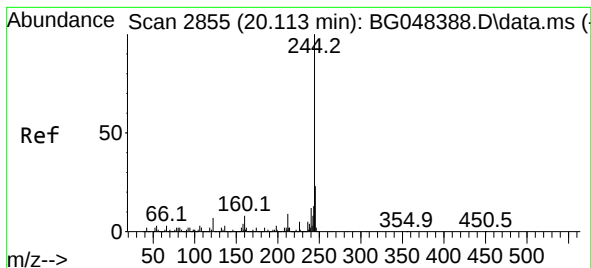


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.799 min Scan# 3142
Delta R.T. -0.000 min
Lab File: BG048398.D
Acq: 17 Mar 2021 15:07



Tgt Ion:240 Resp: 383828
Ion Ratio Lower Upper
240 100
120 3.8 6.2 9.4#
236 26.7 20.5 30.7





#79

Terphenyl-d14

Concen: 61.58 ng

RT: 20.113 min Scan# 2855

Delta R.T. -0.000 min

Lab File: BG048398.D

Acq: 17 Mar 2021 15:07

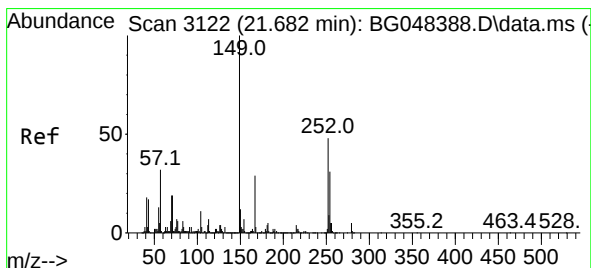
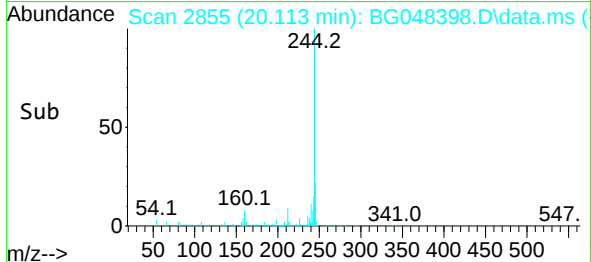
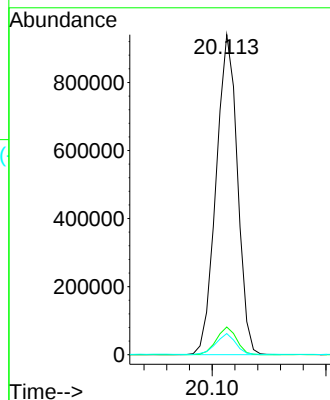
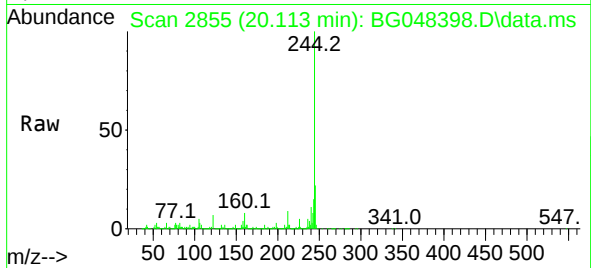
Tgt Ion:244 Resp: 1222953

Ion Ratio Lower Upper

244 100

212 8.7 6.7 10.1

122 6.6 7.8 11.6#



#84

Bis(2-ethylhexyl)phthalate

Concen: 453.52 ng

RT: 21.546 min Scan# 3099

Delta R.T. -0.135 min

Lab File: BG048398.D

Acq: 17 Mar 2021 15:07

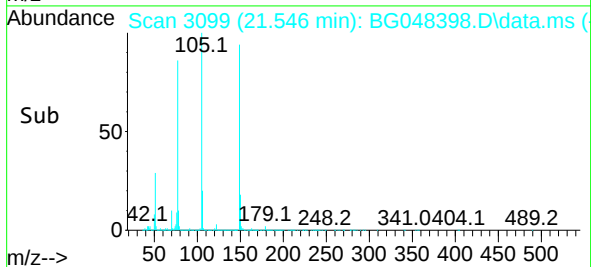
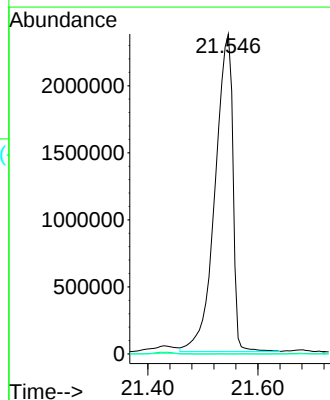
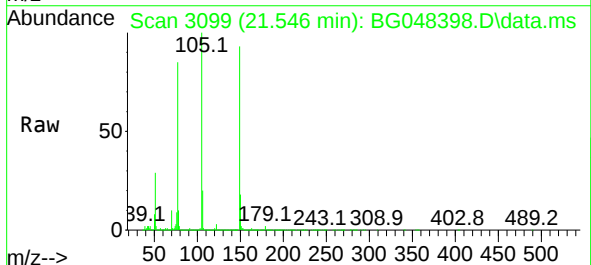
Tgt Ion:149 Resp: 5296566

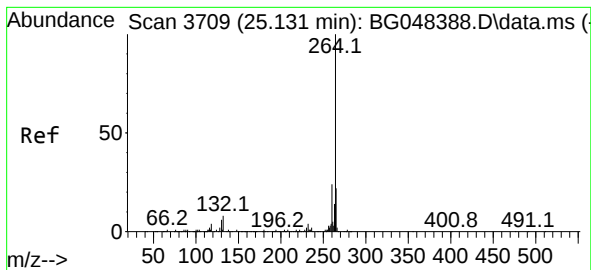
Ion Ratio Lower Upper

149 100

167 0.0 24.8 37.2#

279 0.0 4.6 7.0#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.142 min Scan# 3711
 Delta R.T. 0.012 min
 Lab File: BG048398.D
 Acq: 17 Mar 2021 15:07

Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion:264 Resp: 391512
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.8 28.2
 265 19.9 17.8 26.8

