

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020321\
 Data File : BG048098.D
 Acq On : 3 Feb 2021 19:37
 Operator : CG/JU
 Sample : M1291-20
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 2021-01-27-EB

Quant Time: Feb 03 23:59:38 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 02 15:30:13 2021
 Response via : Initial Calibration

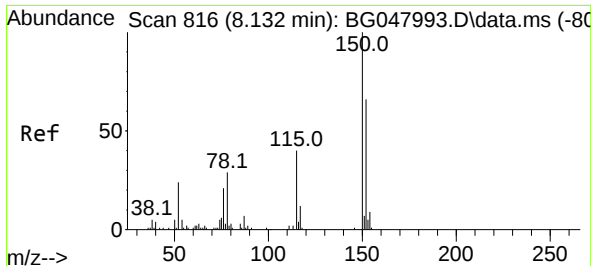
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.115	152	46480	20.00	ng	0.00
21) Naphthalene-d8	10.929	136	178201	20.00	ng	0.00
39) Acenaphthene-d10	14.736	164	134279	20.00	ng	0.00
64) Phenanthrene-d10	17.480	188	338345	20.00	ng	# 0.00
76) Chrysene-d12	21.752	240	360494	20.00	ng	#-0.01
86) Perylene-d12	25.024	264	354880	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.670	112	206887	68.41	ng	0.00
7) Phenol-d6	7.263	99	168995	36.75	ng	0.00
23) Nitrobenzene-d5	9.278	82	373288	82.88	ng	0.00
42) 2,4,6-Tribromophenol	16.223	330	294531	131.69	ng	0.00
45) 2-Fluorobiphenyl	13.361	172	827627	79.69	ng	0.00
79) Terphenyl-d14	20.083	244	1536024	73.88	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.286	94	38619	8.76	ng	81
15) Benzyl Alcohol	8.344	79	27421	7.05	ng	# 86
17) 2-Methylphenol	8.350	107	12014	4.03	ng	# 14
19) n-Nitroso-di-n-propyla...	9.278	70	54832	16.34	ng	# 77
27) 2,4-Dimethylphenol	10.147	122	9237	3.43	ng	# 7
57) 2,4-Dinitrotoluene	14.736	165	17704	4.85	ng	# 33
67) 4-Bromophenyl-phenylether	16.217	248	19562	4.33	ng	# 1
77) Benzidine	20.083	184	27840	2.68	ng	95

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

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QLast Update : Tue Feb 02 15:30:13 2021
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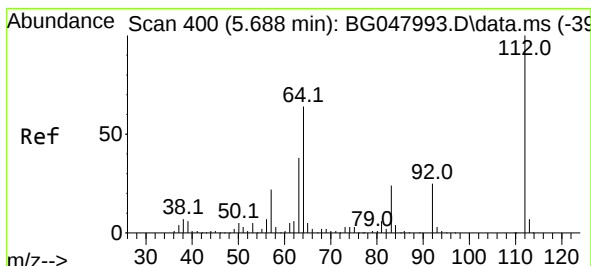
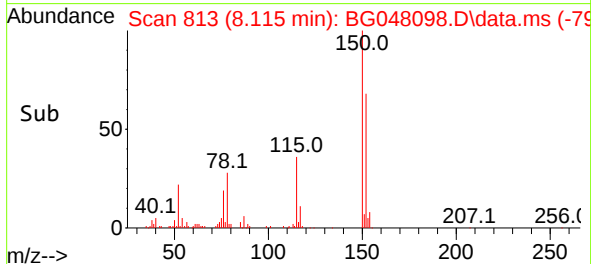
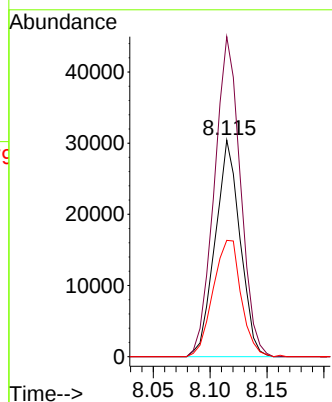
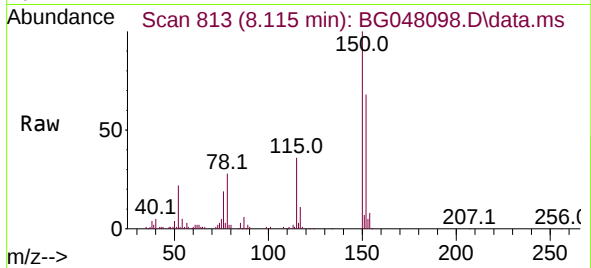




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.115 min Scan# 813
Delta R.T. -0.005 min
Lab File: BG048098.D
Acq: 3 Feb 2021 19:37

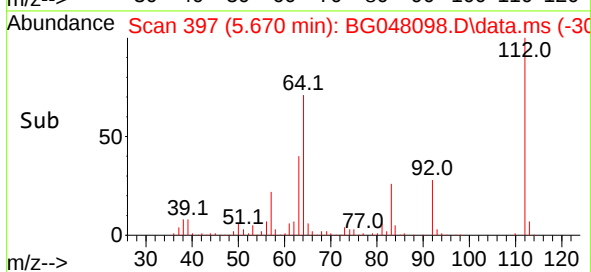
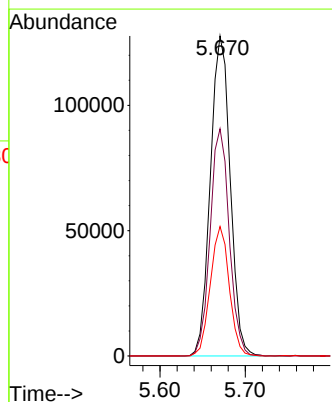
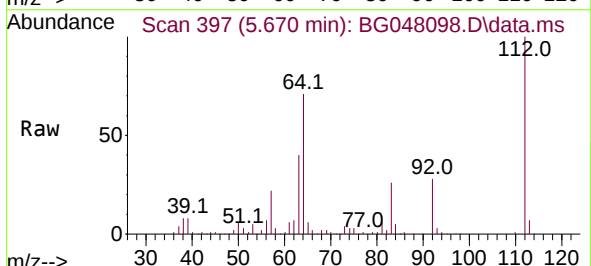
Instrument :
BNA_G
ClientSampleId :
2021-01-27-EB

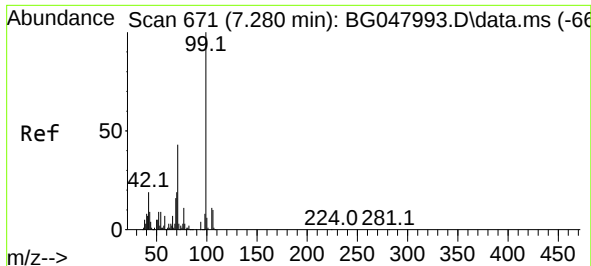
Tgt Ion:152 Resp: 46480
Ion Ratio Lower Upper
152 100
150 147.7 125.0 187.6
115 53.7 41.8 62.6



#5
2-Fluorophenol
Concen: 68.41 ng
RT: 5.670 min Scan# 397
Delta R.T. -0.005 min
Lab File: BG048098.D
Acq: 3 Feb 2021 19:37

Tgt Ion:112 Resp: 206887
Ion Ratio Lower Upper
112 100
64 71.0 46.7 70.1#
63 40.5 22.8 34.2#

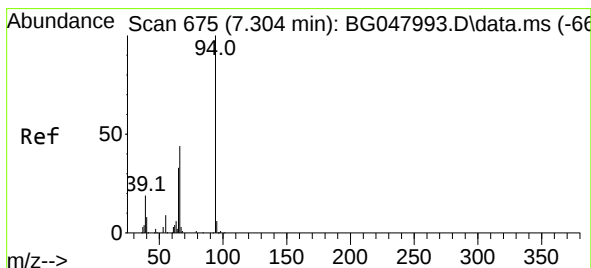
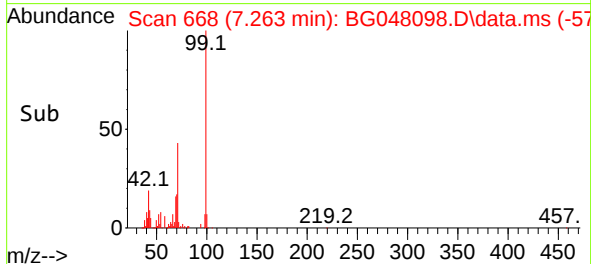
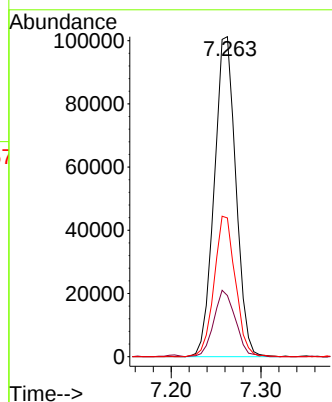
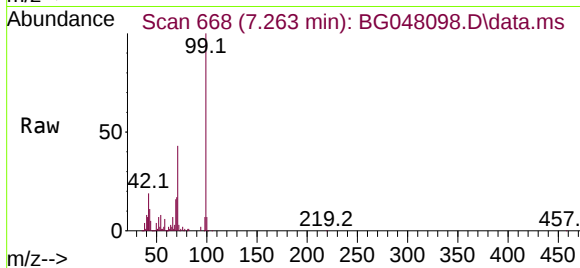




#7
Phenol-d6
Concen: 36.75 ng
RT: 7.263 min Scan# 668
Delta R.T. -0.005 min
Lab File: BG048098.D
Acq: 3 Feb 2021 19:37

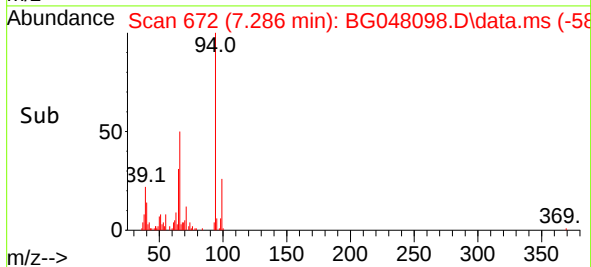
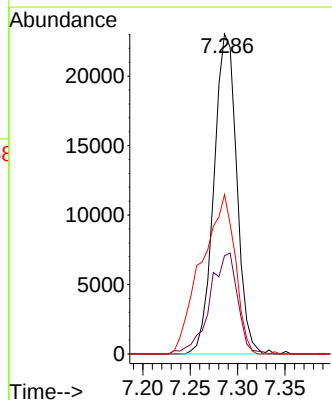
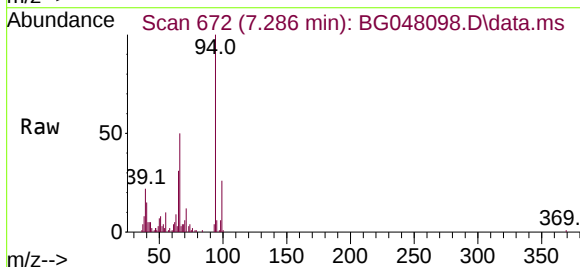
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BNA_G
ClientSampleId :
2021-01-27-EB

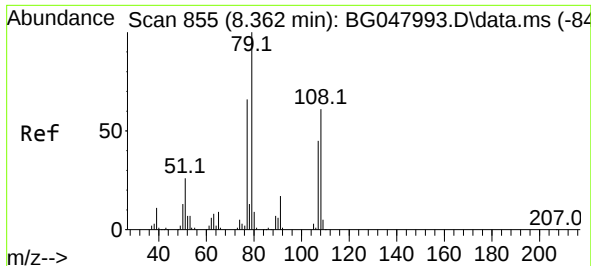
Tgt Ion: 99 Resp: 168995
Ion Ratio Lower Upper
99 100
42 19.1 12.8 19.2
71 43.4 24.6 36.8#



#10
Phenol
Concen: 8.76 ng
RT: 7.286 min Scan# 672
Delta R.T. -0.011 min
Lab File: BG048098.D
Acq: 3 Feb 2021 19:37

Tgt Ion: 94 Resp: 38619
Ion Ratio Lower Upper
94 100
65 30.7 6.6 46.6
66 49.8 13.9 53.9

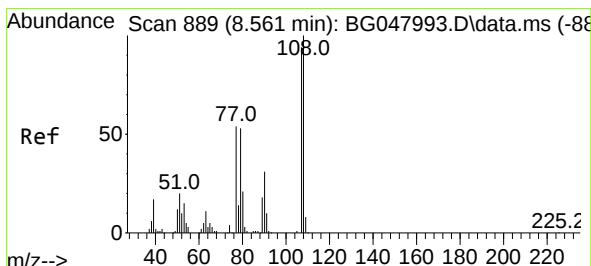
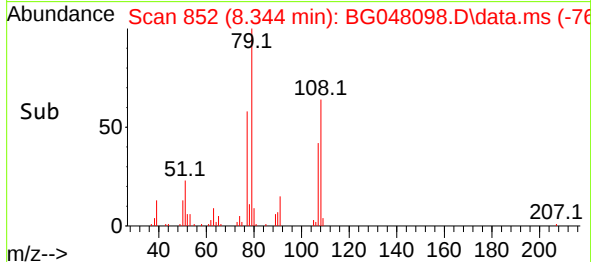
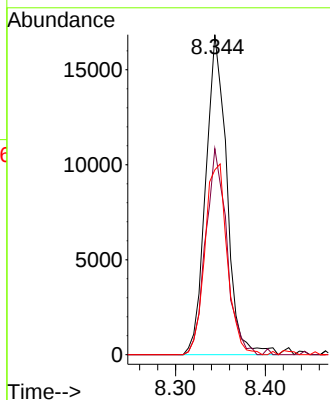
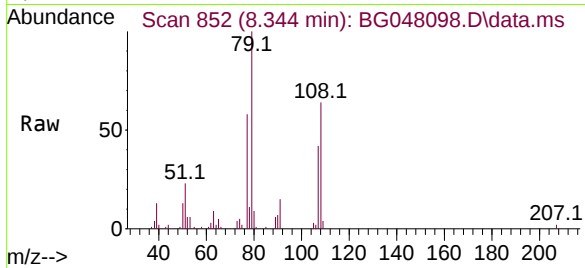




#15
Benzyl Alcohol
Concen: 7.05 ng
RT: 8.344 min Scan# 852
Delta R.T. -0.005 min
Lab File: BG048098.D
Acq: 3 Feb 2021 19:37

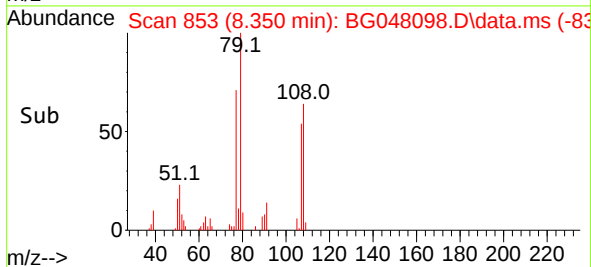
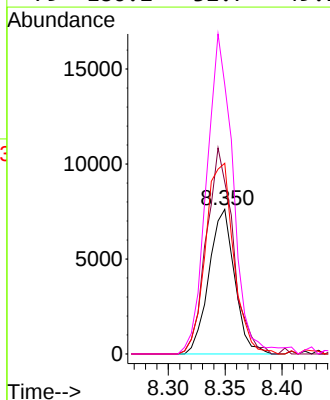
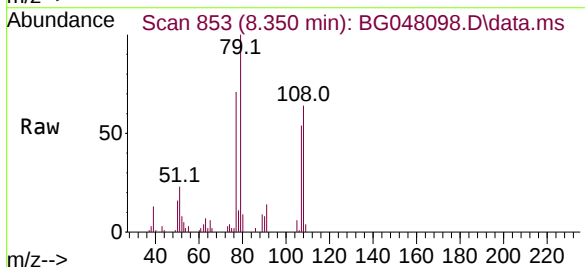
Instrument :
BNA_G
ClientSampleId :
2021-01-27-EB

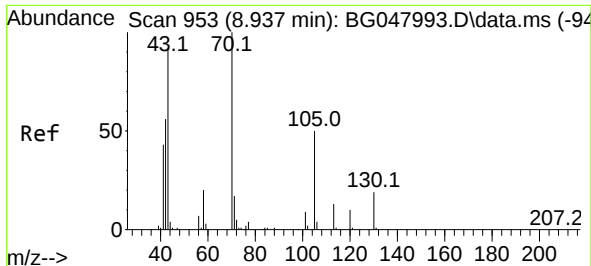
Tgt Ion: 79 Resp: 27421
Ion Ratio Lower Upper
79 100
108 64.4 65.5 98.3#
77 57.8 50.1 75.1



#17
2-Methylphenol
Concen: 4.03 ng
RT: 8.350 min Scan# 853
Delta R.T. -0.205 min
Lab File: BG048098.D
Acq: 3 Feb 2021 19:37

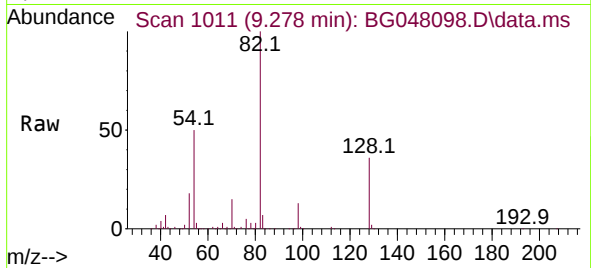
Tgt Ion: 107 Resp: 12014
Ion Ratio Lower Upper
107 100
108 118.8 87.2 130.8
77 131.9 33.8 50.8#
79 186.2 32.7 49.1#



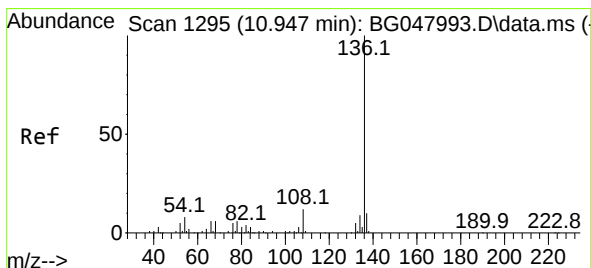
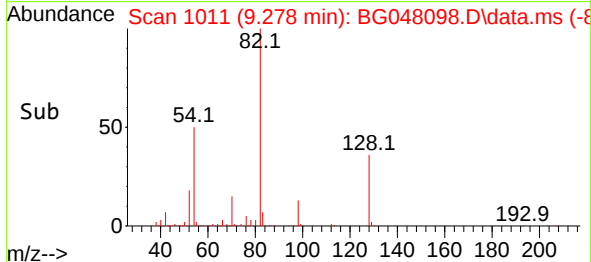
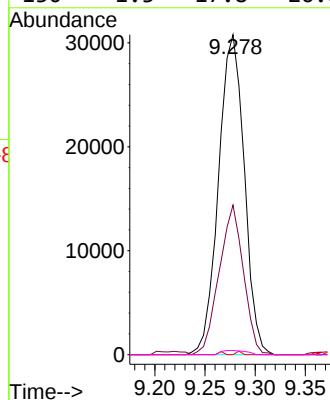


#19
n-Nitroso-di-n-propylamine
Concen: 16.34 ng
RT: 9.278 min Scan# 1011
Delta R.T. 0.353 min
Lab File: BG048098.D
Acq: 3 Feb 2021 19:37

Instrument :
BNA_G
ClientSampleId :
2021-01-27-EB

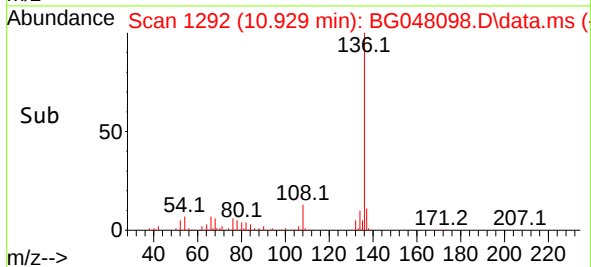
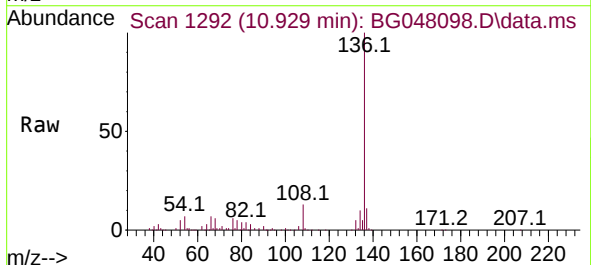
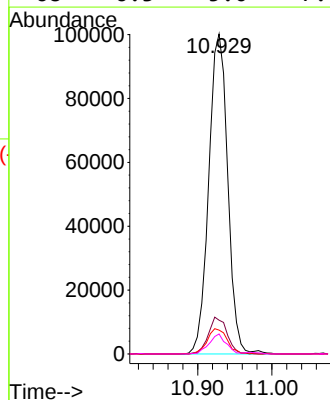


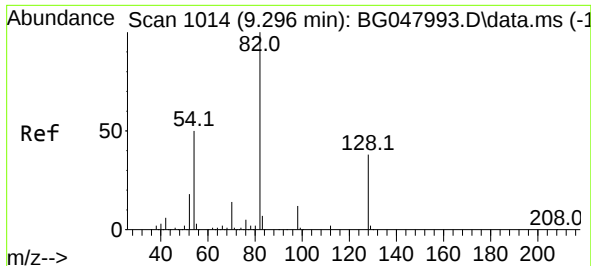
Tgt Ion:	70	Resp:	54832
Ion Ratio	Lower	Upper	
70	100		
42	46.8	45.6	68.4
101	0.0	8.4	12.6#
130	1.3	17.8	26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.929 min Scan# 1292
Delta R.T. -0.005 min
Lab File: BG048098.D
Acq: 3 Feb 2021 19:37

Tgt Ion:	136	Resp:	178201
Ion Ratio	Lower	Upper	
136	100		
137	10.5	9.1	13.7
54	7.5	6.2	9.4
68	6.3	5.0	7.4

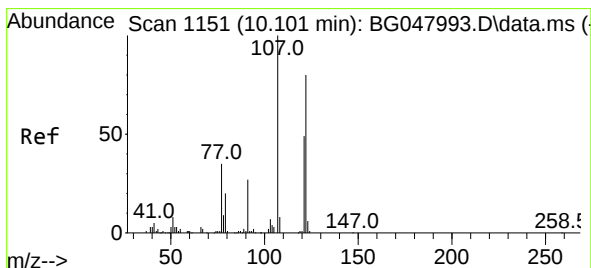
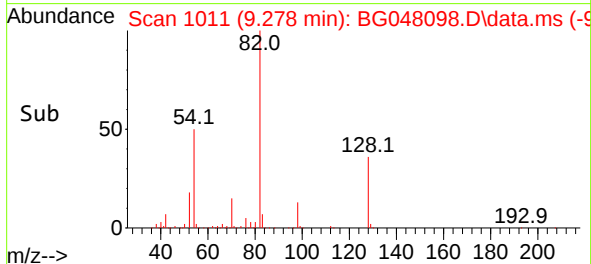
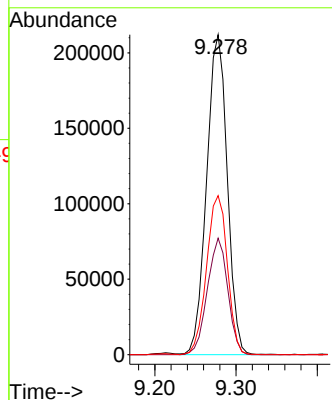
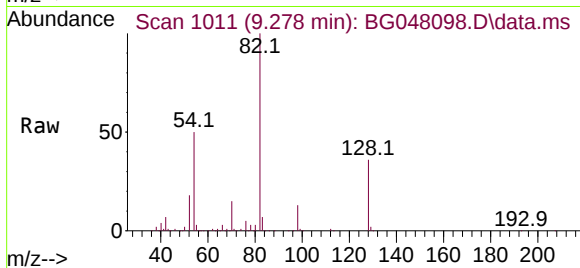




#23
Nitrobenzene-d5
Concen: 82.88 ng
RT: 9.278 min Scan# 1011
Delta R.T. -0.005 min
Lab File: BG048098.D
Acq: 3 Feb 2021 19:37

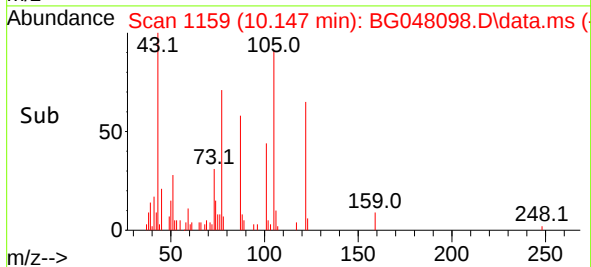
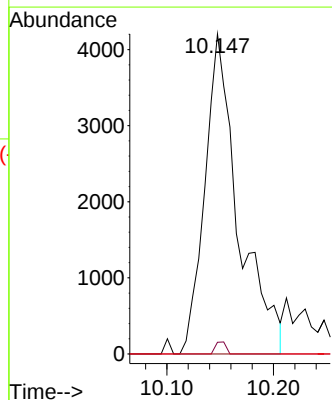
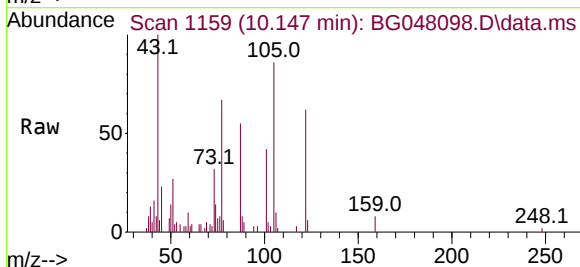
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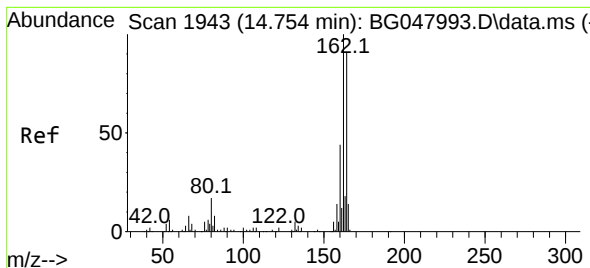
Tgt Ion: 82 Resp: 373288
Ion Ratio Lower Upper
82 100
128 36.4 37.0 55.6#
54 49.7 39.0 58.4



#27
2,4-Dimethylphenol
Concen: 3.43 ng
RT: 10.147 min Scan# 1159
Delta R.T. 0.060 min
Lab File: BG048098.D
Acq: 3 Feb 2021 19:37

Tgt Ion: 122 Resp: 9237
Ion Ratio Lower Upper
122 100
107 3.7 89.2 133.8#
121 0.0 46.9 70.3#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.736 min Scan# 1940

Delta R.T. -0.005 min

Lab File: BG048098.D

Acq: 3 Feb 2021 19:37

Tgt Ion:164 Resp: 134279

Ion Ratio Lower Upper

164 100

162 102.1 82.3 123.5

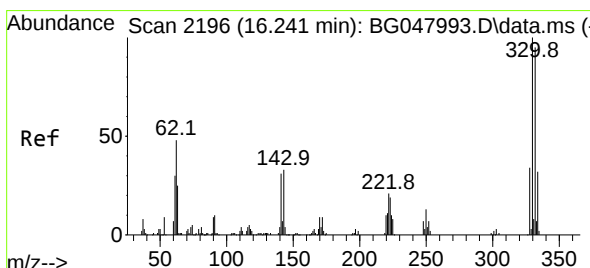
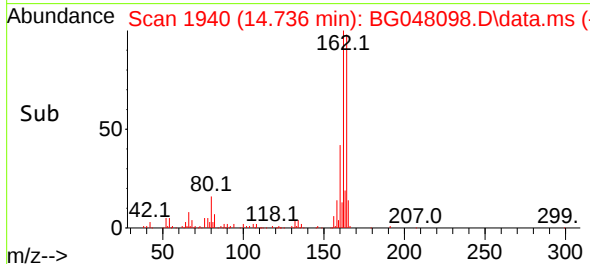
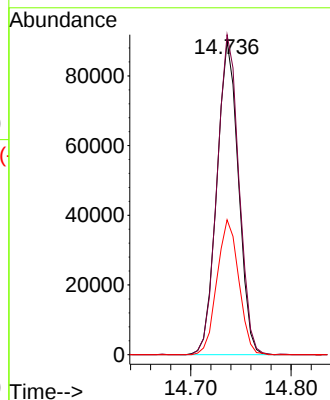
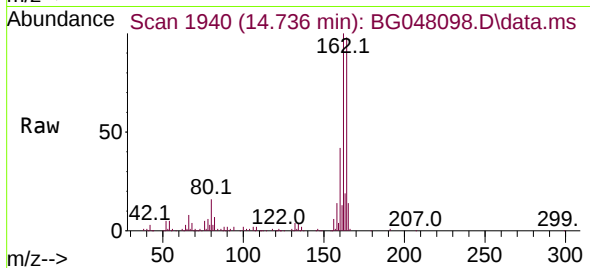
160 43.1 35.3 52.9

Instrument :

BNA_G

ClientSampleId :

2021-01-27-EB



#42

2,4,6-Tribromophenol

Concen: 131.69 ng

RT: 16.223 min Scan# 2193

Delta R.T. -0.005 min

Lab File: BG048098.D

Acq: 3 Feb 2021 19:37

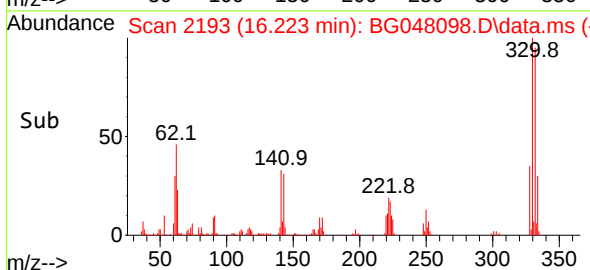
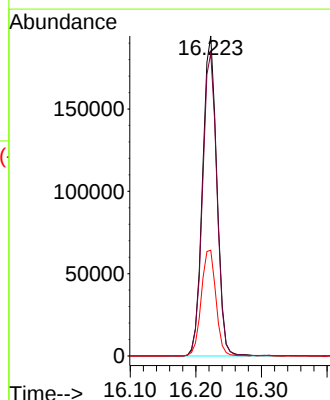
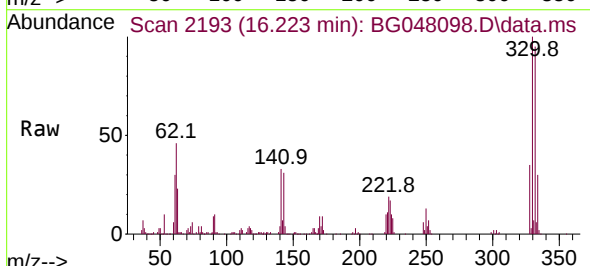
Tgt Ion:330 Resp: 294531

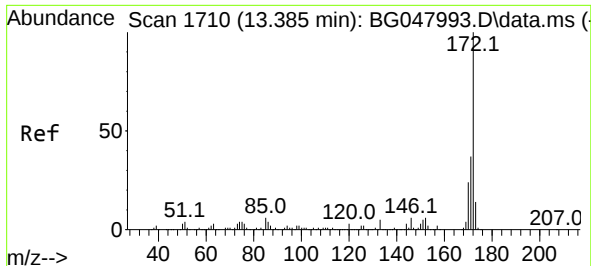
Ion Ratio Lower Upper

330 100

332 95.2 76.5 114.7

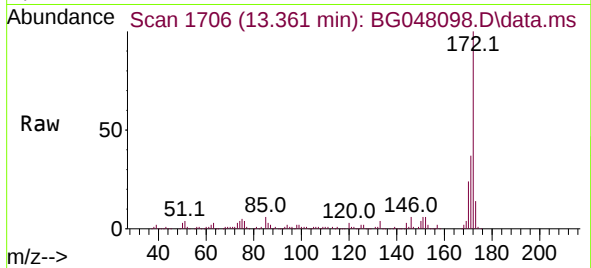
141 33.9 26.0 39.0



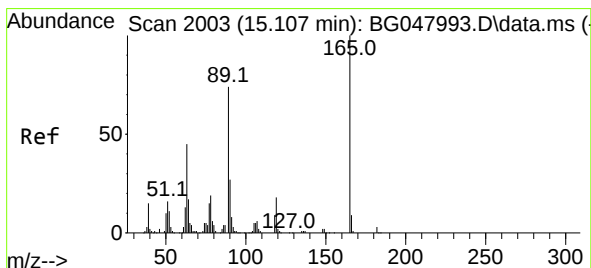
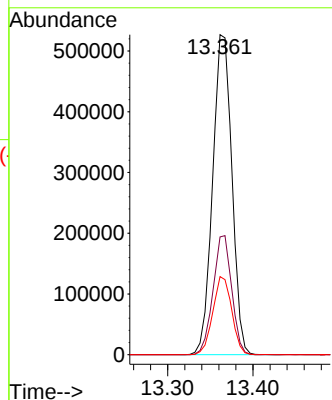
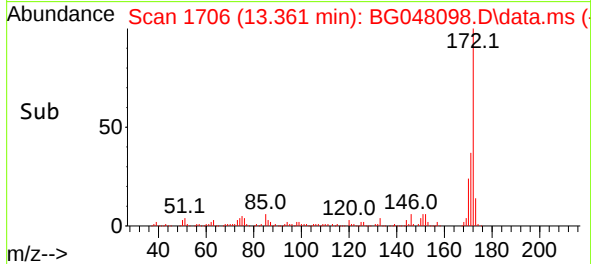


#45
2-Fluorobiphenyl
Concen: 79.69 ng
RT: 13.361 min Scan# 1706
Delta R.T. -0.005 min
Lab File: BG048098.D
Acq: 3 Feb 2021 19:37

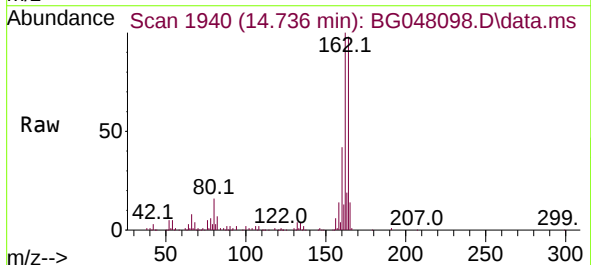
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BNA_G
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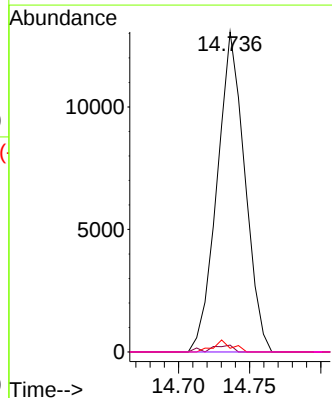
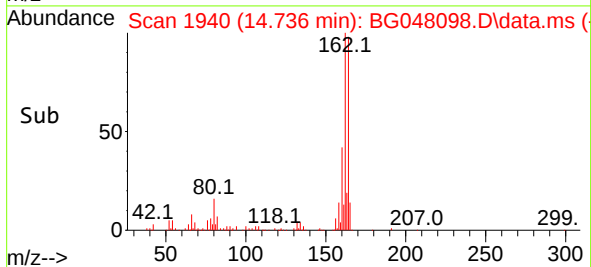
Tgt Ion:172 Resp: 827627
Ion Ratio Lower Upper
172 100
171 36.8 31.3 46.9
170 24.4 20.8 31.2

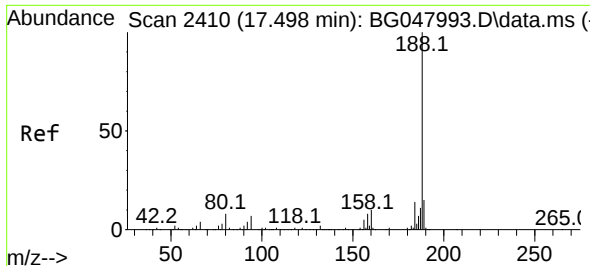


#57
2,4-Dinitrotoluene
Concen: 4.85 ng
RT: 14.736 min Scan# 1940
Delta R.T. -0.358 min
Lab File: BG048098.D
Acq: 3 Feb 2021 19:37



Tgt Ion:165 Resp: 17704
Ion Ratio Lower Upper
165 100
63 2.1 26.4 39.6#
89 1.1 47.8 71.8#
182 0.0 2.6 4.0#

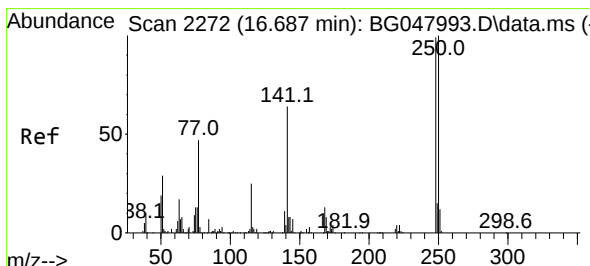
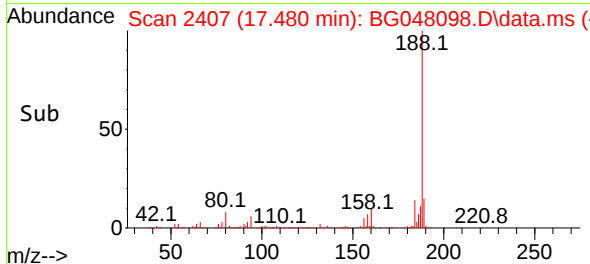
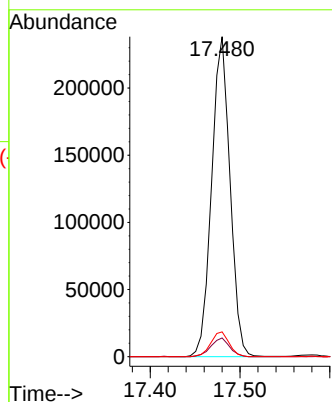
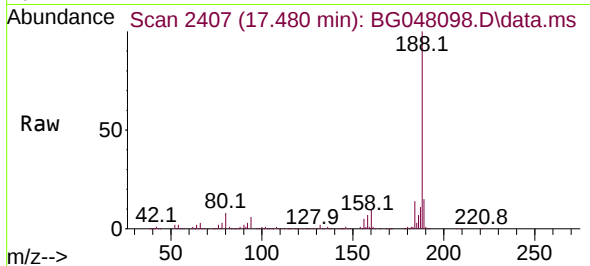




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.480 min Scan# 2407
Delta R.T. -0.005 min
Lab File: BG048098.D
Acq: 3 Feb 2021 19:37

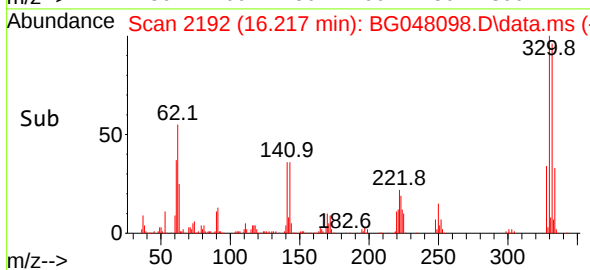
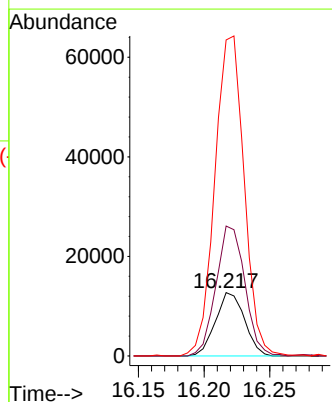
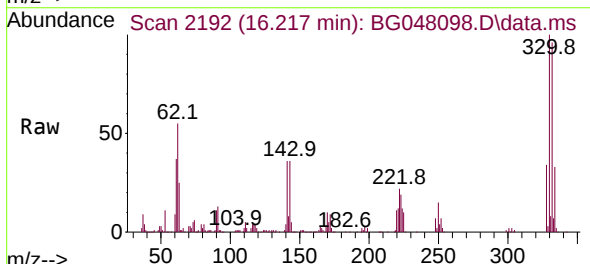
Instrument :
BNA_G
ClientSampleId :
2021-01-27-EB

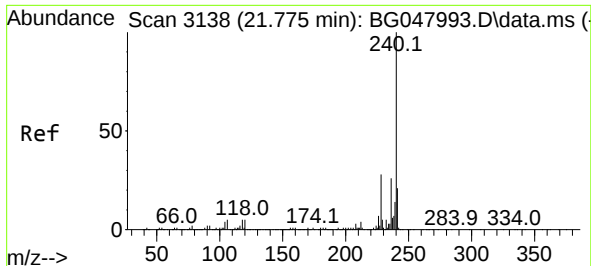
Tgt Ion:188 Resp: 338345
Ion Ratio Lower Upper
188 100
94 5.9 6.3 9.5#
80 7.7 7.0 10.6



#67
4-Bromophenyl-phenylether
Concen: 4.33 ng
RT: 16.217 min Scan# 2192
Delta R.T. -0.457 min
Lab File: BG048098.D
Acq: 3 Feb 2021 19:37

Tgt Ion:248 Resp: 19562
Ion Ratio Lower Upper
248 100
250 205.0 78.9 118.3#
141 499.0 46.2 69.4#

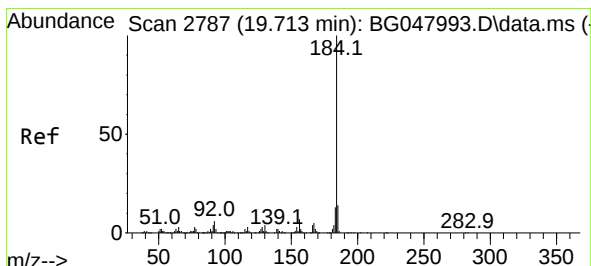
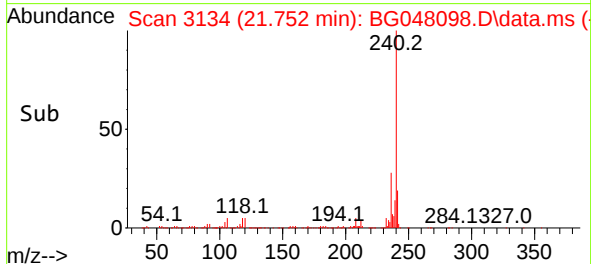
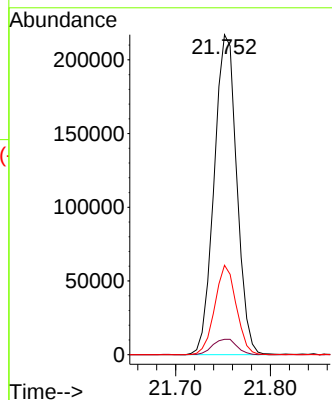
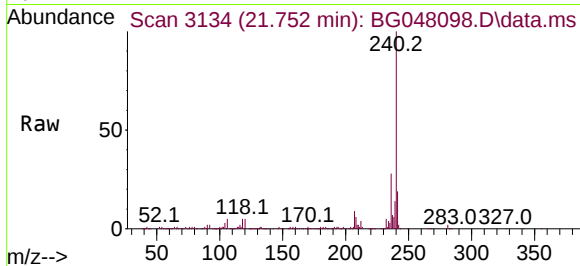




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.752 min Scan# 3134
Delta R.T. -0.011 min
Lab File: BG048098.D
Acq: 3 Feb 2021 19:37

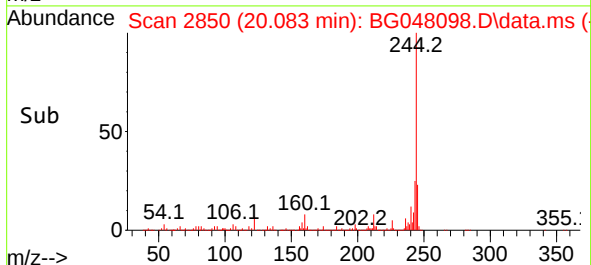
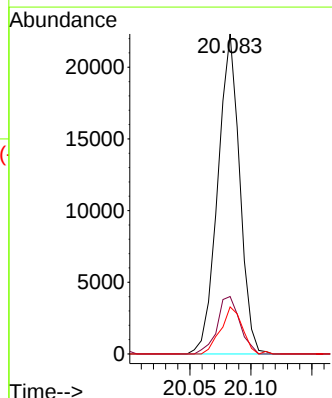
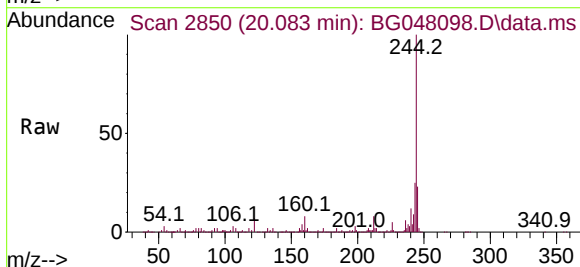
Instrument :
BNA_G
ClientSampleId :
2021-01-27-EB

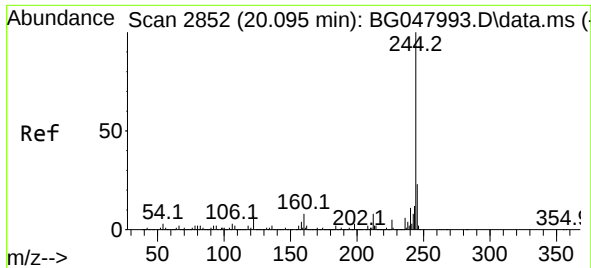
Tgt Ion:240 Resp: 360494
Ion Ratio Lower Upper
240 100
120 4.8 6.2 9.4#
236 28.0 20.5 30.7



#77
Benzidine
Concen: 2.68 ng
RT: 20.083 min Scan# 2850
Delta R.T. 0.383 min
Lab File: BG048098.D
Acq: 3 Feb 2021 19:37

Tgt Ion:184 Resp: 27840
Ion Ratio Lower Upper
184 100
185 17.9 12.4 18.6
183 14.7 10.6 15.8

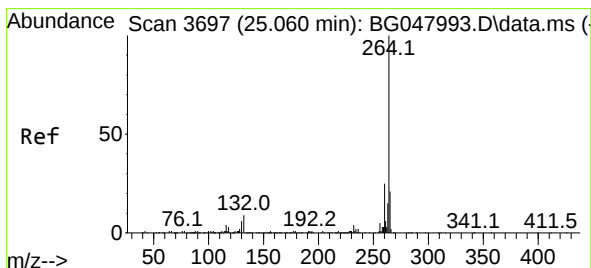
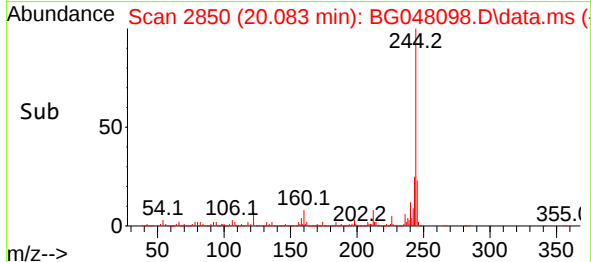
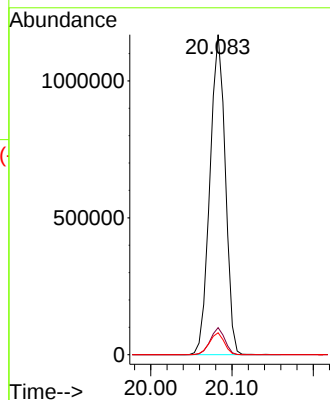
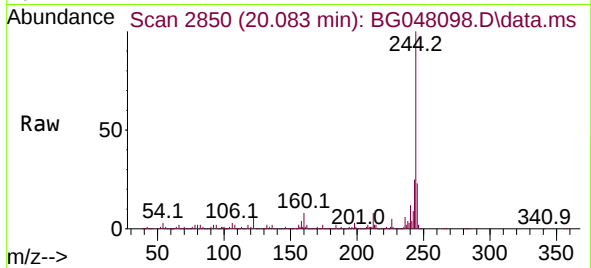




#79
 Terphenyl-d14
 Concen: 73.88 ng
 RT: 20.083 min Scan# 2850
 Delta R.T. -0.005 min
 Lab File: BG048098.D
 Acq: 3 Feb 2021 19:37

Instrument :
 BNA_G
 ClientSampleId :
 2021-01-27-EB

Tgt Ion:244 Resp: 1536024
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.7 10.1
 122 6.8 7.8 11.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.024 min Scan# 3691
 Delta R.T. -0.017 min
 Lab File: BG048098.D
 Acq: 3 Feb 2021 19:37

Tgt Ion:264 Resp: 354880
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.8 28.2
 265 22.4 17.8 26.8

