

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020321\
 Data File : BG048099.D
 Acq On : 3 Feb 2021 20:17
 Operator : CG/JU
 Sample : M1292-18
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 2021-01-28-EB

Quant Time: Feb 03 23:59:52 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)

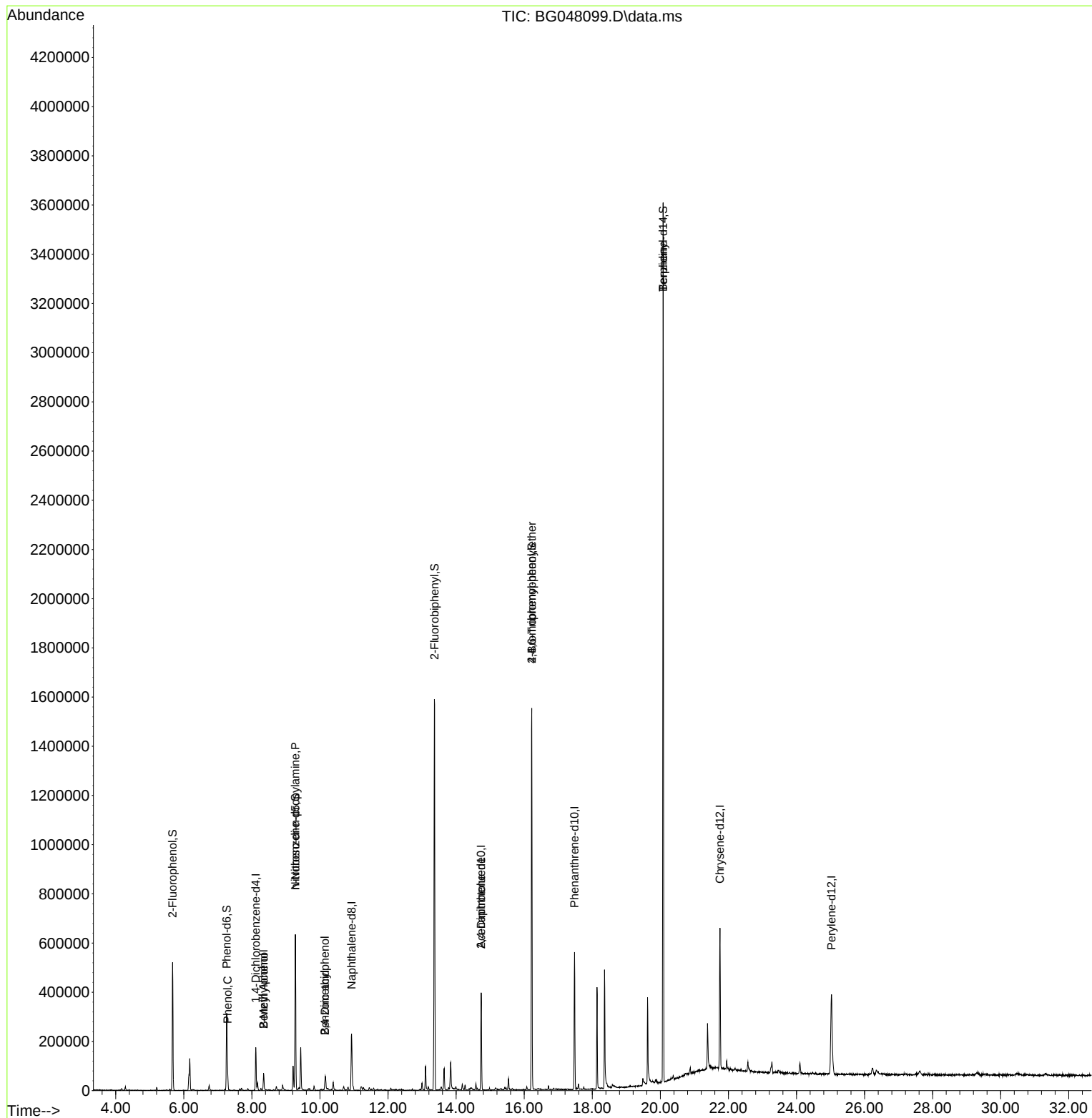
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.114	152	45081	20.00	ng	0.00
21) Naphthalene-d8	10.929	136	179880	20.00	ng	0.00
39) Acenaphthene-d10	14.736	164	133483	20.00	ng	0.00
64) Phenanthrene-d10	17.480	188	350089	20.00	ng	# 0.00
76) Chrysene-d12	21.751	240	369026	20.00	ng	#-0.01
86) Perylene-d12	25.030	264	360805	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.670	112	202903	69.17	ng	0.00
7) Phenol-d6	7.262	99	169276	37.95	ng	0.00
23) Nitrobenzene-d5	9.278	82	375348	82.56	ng	0.00
42) 2,4,6-Tribromophenol	16.223	330	301104	135.44	ng	0.00
45) 2-Fluorobiphenyl	13.367	172	828877	80.28	ng	0.00
79) Terphenyl-d14	20.083	244	1539875	72.35	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.286	94	35737	8.36	ng	78
15) Benzyl Alcohol	8.344	79	26372	6.99	ng	# 86
17) 2-Methylphenol	8.344	107	11792	4.08	ng	# 1
19) n-Nitroso-di-n-propyla...	9.278	70	55313	16.99	ng	# 74
27) 2,4-Dimethylphenol	10.147	122	9405	3.46	ng	# 4
32) Benzoic acid	10.147	122	9405	3.86	ng	# 86
57) 2,4-Dinitrotoluene	14.736	165	17096	4.71	ng	# 34
67) 4-Bromophenyl-phenylether	16.223	248	20381	4.36	ng	# 1
77) Benzidine	20.083	184	28104	2.64	ng	97

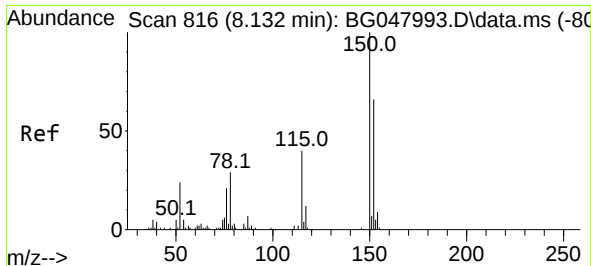
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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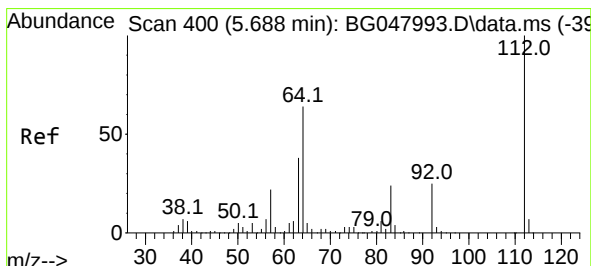
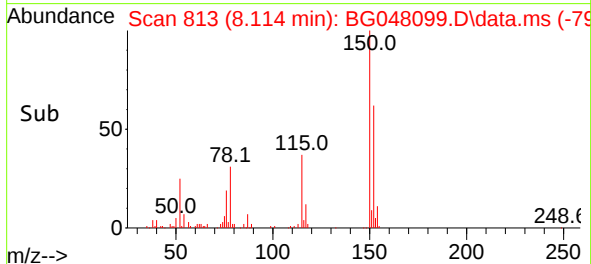
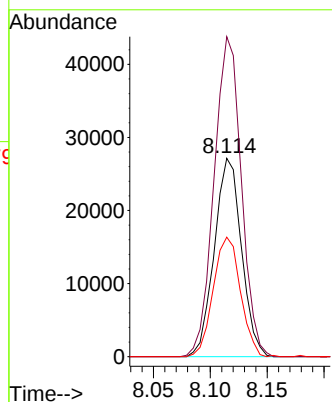
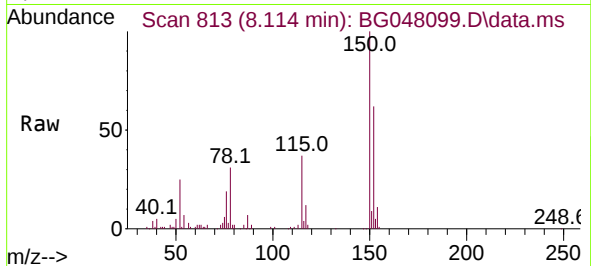




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.114 min Scan# 813
Delta R.T. -0.006 min
Lab File: BG048099.D
Acq: 3 Feb 2021 20:17

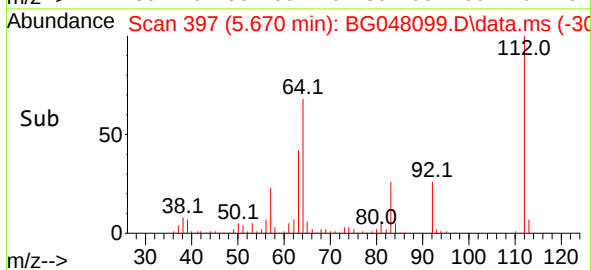
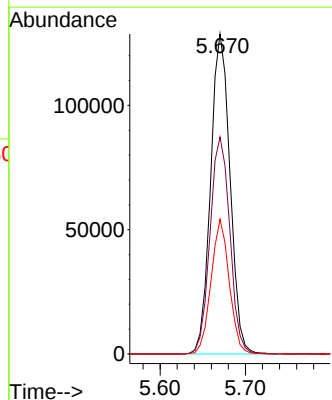
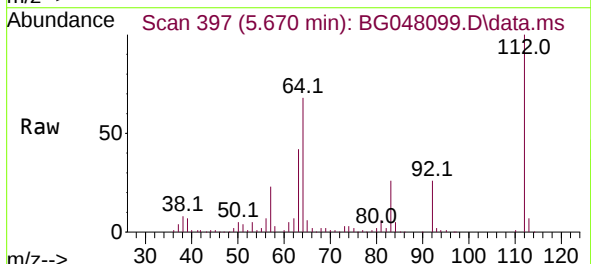
Instrument :
BNA_G
ClientSampleId :
2021-01-28-EB

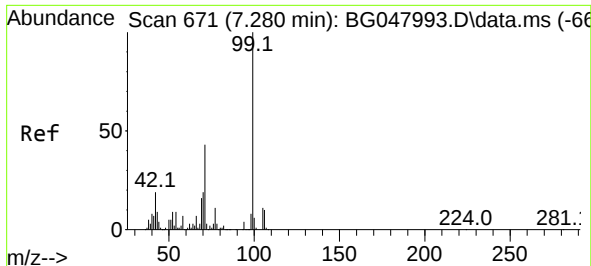
Tgt Ion:152 Resp: 45081
Ion Ratio Lower Upper
152 100
150 161.3 125.0 187.6
115 60.3 41.8 62.6



#5
2-Fluorophenol
Concen: 69.17 ng
RT: 5.670 min Scan# 397
Delta R.T. -0.005 min
Lab File: BG048099.D
Acq: 3 Feb 2021 20:17

Tgt Ion:112 Resp: 202903
Ion Ratio Lower Upper
112 100
64 67.8 46.7 70.1
63 42.1 22.8 34.2#

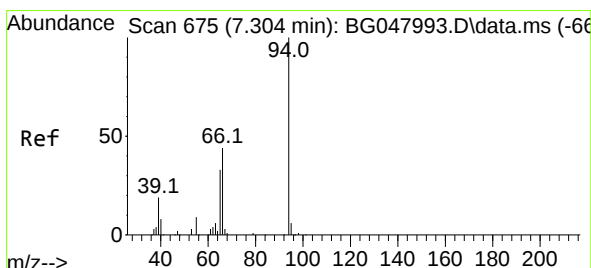
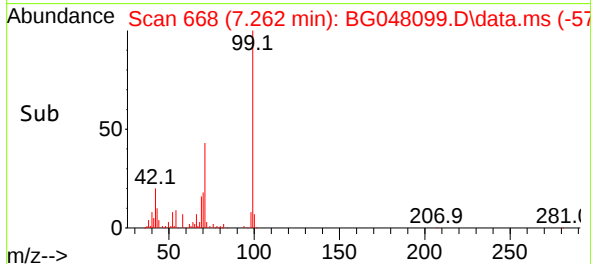
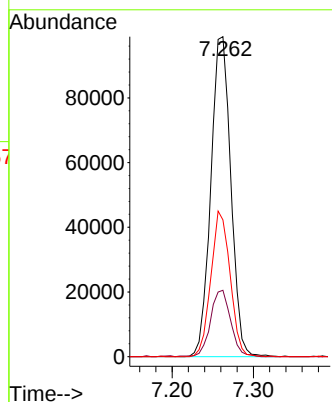
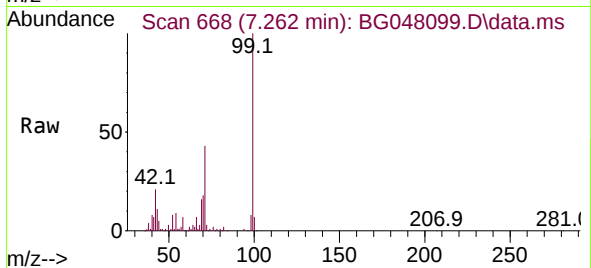




#7
Phenol-d6
Concen: 37.95 ng
RT: 7.262 min Scan# 668
Delta R.T. -0.005 min
Lab File: BG048099.D
Acq: 3 Feb 2021 20:17

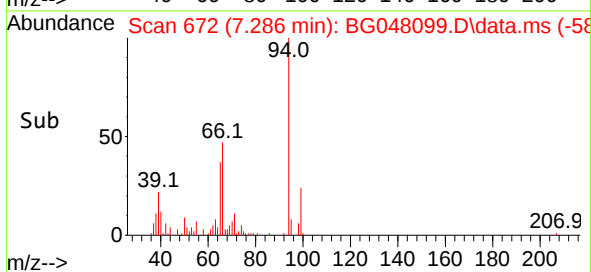
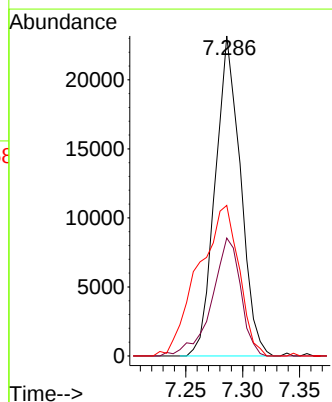
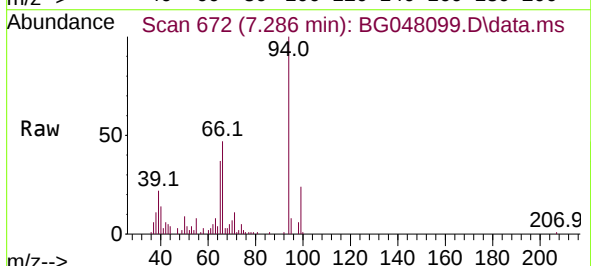
Instrument :
BNA_G
ClientSampleId :
2021-01-28-EB

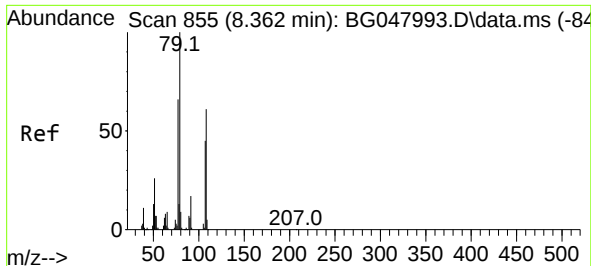
Tgt Ion: 99 Resp: 169276
Ion Ratio Lower Upper
99 100
42 20.7 12.8 19.2#
71 42.8 24.6 36.8#



#10
Phenol
Concen: 8.36 ng
RT: 7.286 min Scan# 672
Delta R.T. -0.011 min
Lab File: BG048099.D
Acq: 3 Feb 2021 20:17

Tgt Ion: 94 Resp: 35737
Ion Ratio Lower Upper
94 100
65 36.8 6.6 46.6
66 47.0 13.9 53.9

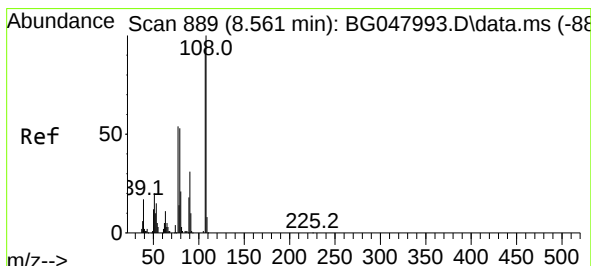
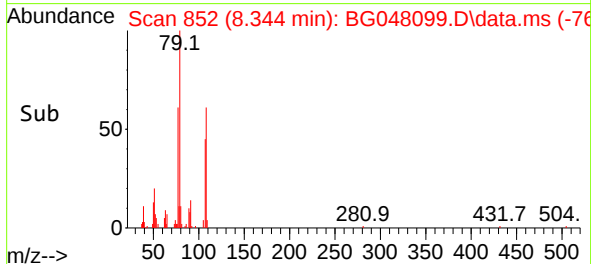
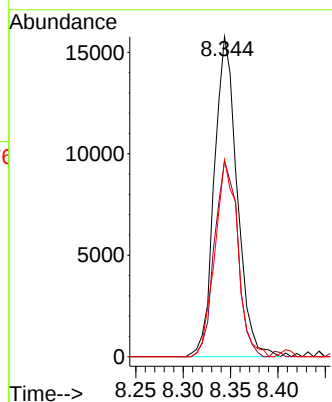
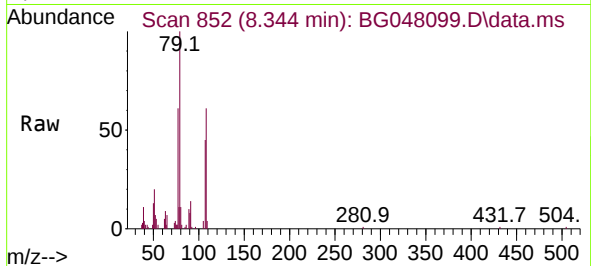




#15
Benzyl Alcohol
Concen: 6.99 ng
RT: 8.344 min Scan# 852
Delta R.T. -0.005 min
Lab File: BG048099.D
Acq: 3 Feb 2021 20:17

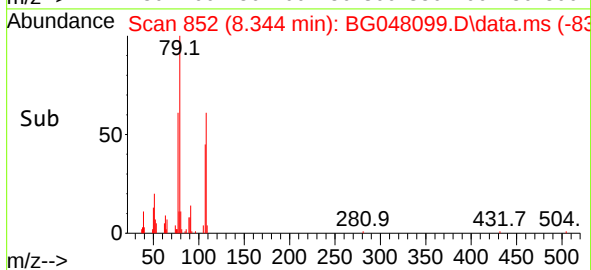
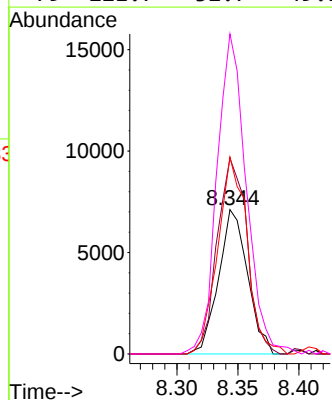
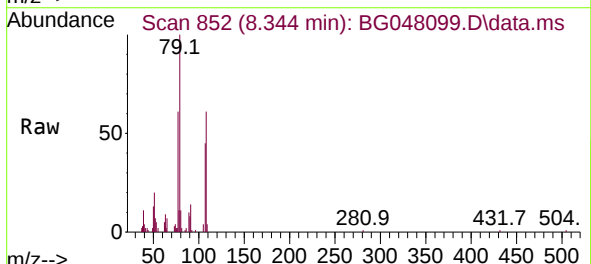
Instrument :
BNA_G
ClientSampleId :
2021-01-28-EB

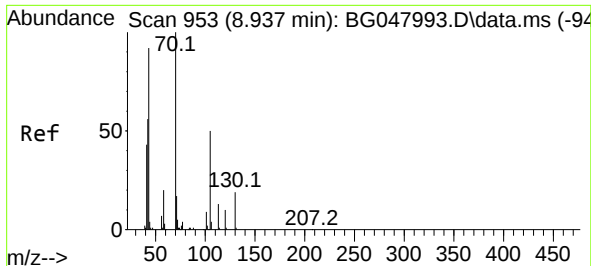
Tgt Ion: 79 Resp: 26372
Ion Ratio Lower Upper
79 100
108 61.2 65.5 98.3#
77 61.5 50.1 75.1



#17
2-Methylphenol
Concen: 4.08 ng
RT: 8.344 min Scan# 852
Delta R.T. -0.211 min
Lab File: BG048099.D
Acq: 3 Feb 2021 20:17

Tgt Ion: 107 Resp: 11792
Ion Ratio Lower Upper
107 100
108 135.7 87.2 130.8#
77 136.3 33.8 50.8#
79 221.7 32.7 49.1#



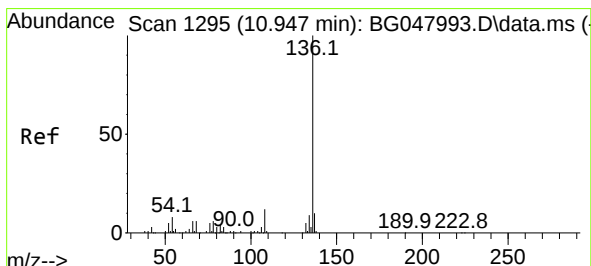
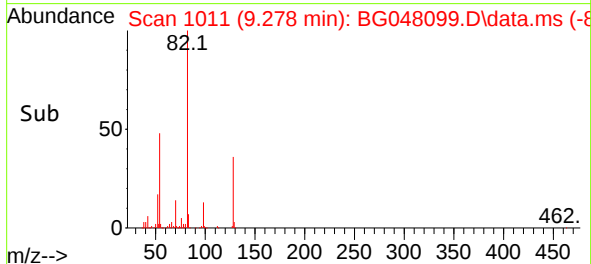
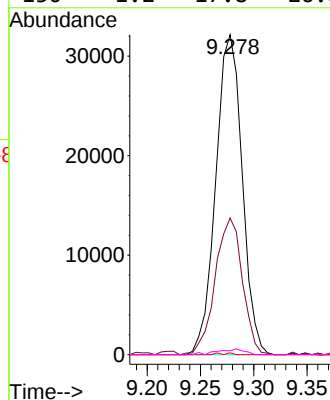
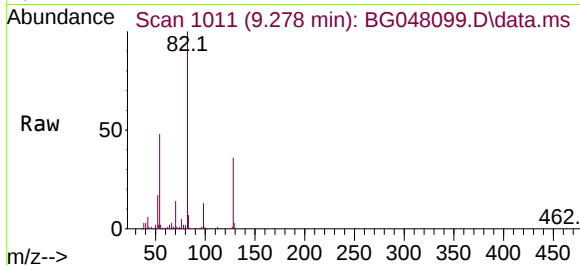


#19
n-Nitroso-di-n-propylamine
Concen: 16.99 ng
RT: 9.278 min Scan# 1011
Delta R.T. 0.353 min
Lab File: BG048099.D
Acq: 3 Feb 2021 20:17

Instrument :
BNA_G
ClientSampleId :
2021-01-28-EB

Tgt Ion: 70 Resp: 55313

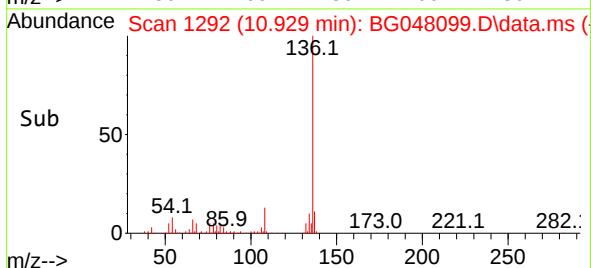
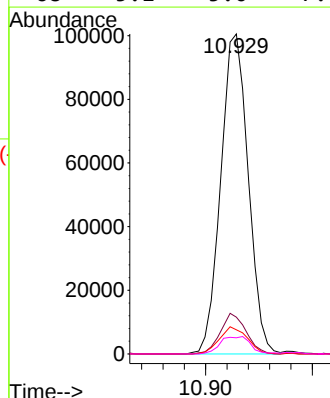
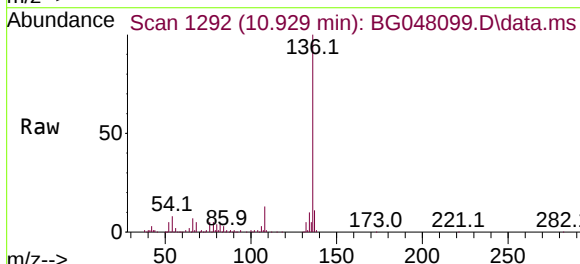
Ion	Ratio	Lower	Upper
70	100		
42	42.7	45.6	68.4#
101	0.6	8.4	12.6#
130	1.2	17.8	26.8#

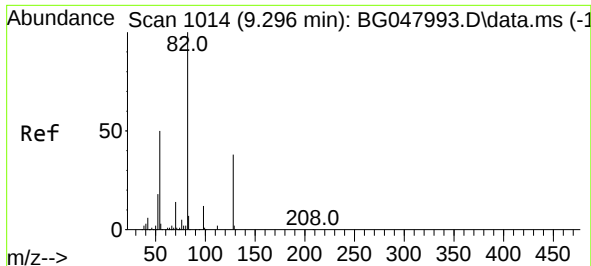


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.929 min Scan# 1292
Delta R.T. -0.005 min
Lab File: BG048099.D
Acq: 3 Feb 2021 20:17

Tgt Ion: 136 Resp: 179880

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	7.6	6.2	9.4
68	5.1	5.0	7.4

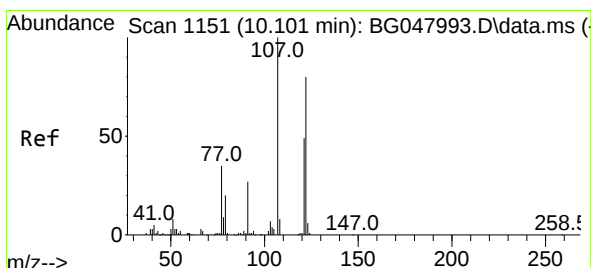
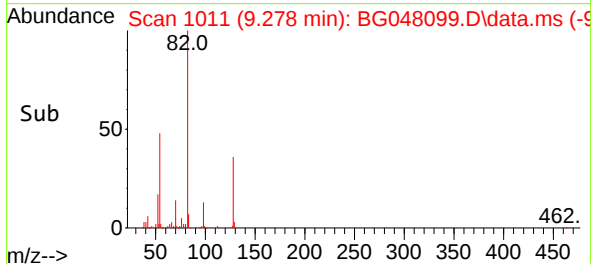
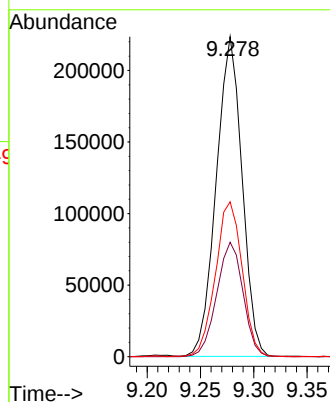
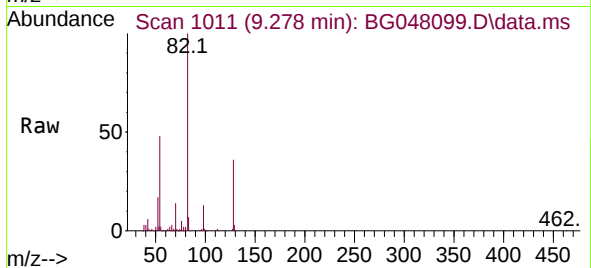




#23
Nitrobenzene-d5
Concen: 82.56 ng
RT: 9.278 min Scan# 1011
Delta R.T. -0.005 min
Lab File: BG048099.D
Acq: 3 Feb 2021 20:17

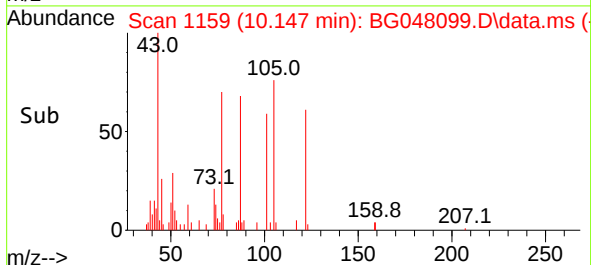
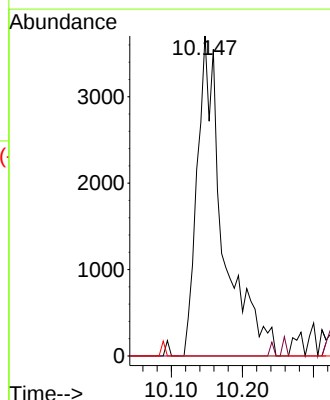
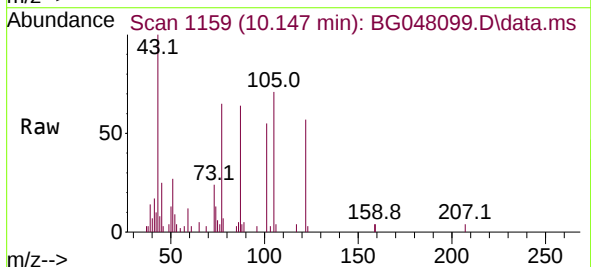
Instrument :
BNA_G
ClientSampleId :
2021-01-28-EB

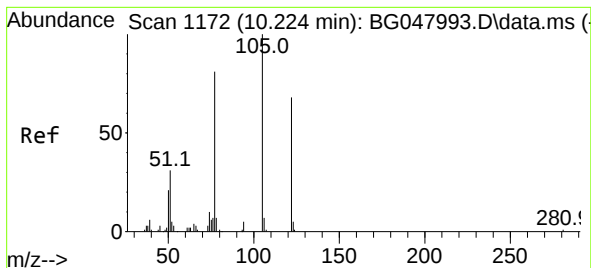
Tgt Ion: 82 Resp: 375348
Ion Ratio Lower Upper
82 100
128 35.8 37.0 55.6#
54 48.4 39.0 58.4



#27
2,4-Dimethylphenol
Concen: 3.46 ng
RT: 10.147 min Scan# 1159
Delta R.T. 0.059 min
Lab File: BG048099.D
Acq: 3 Feb 2021 20:17

Tgt Ion: 122 Resp: 9405
Ion Ratio Lower Upper
122 100
107 0.0 89.2 133.8#
121 0.0 46.9 70.3#

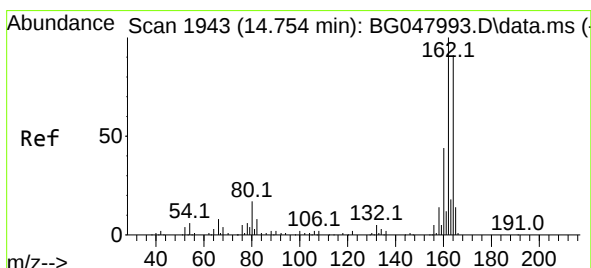
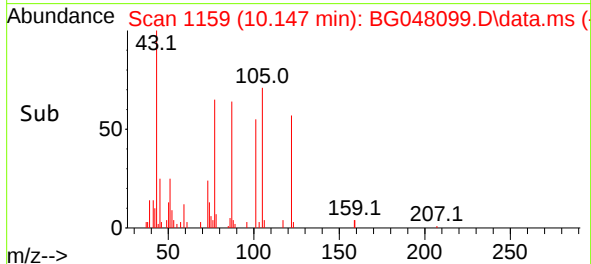
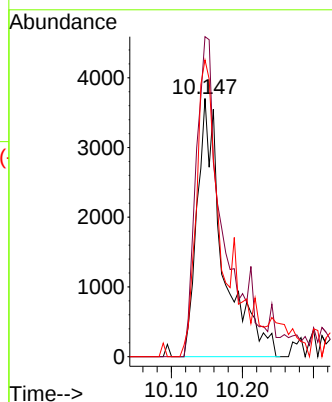
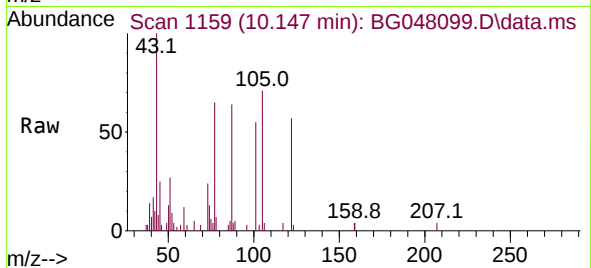




#32
Benzoic acid
Concen: 3.86 ng
RT: 10.147 min Scan# 1159
Delta R.T. -0.029 min
Lab File: BG048099.D
Acq: 3 Feb 2021 20:17

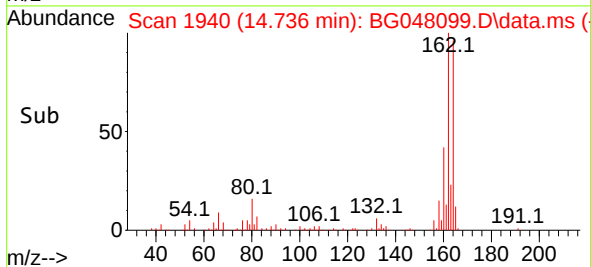
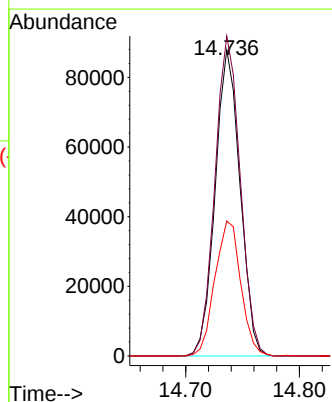
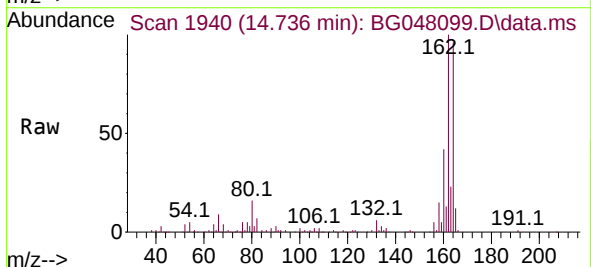
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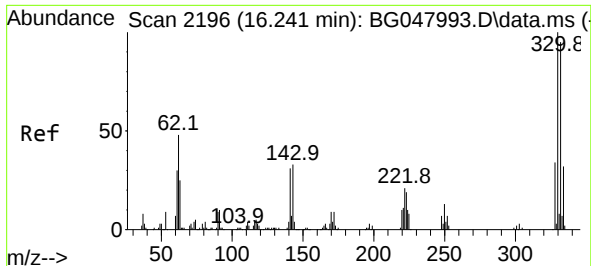
Tgt Ion:122 Resp: 9405
Ion Ratio Lower Upper
122 100
105 124.0 103.7 143.7
77 115.0 63.0 103.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.736 min Scan# 1940
Delta R.T. -0.005 min
Lab File: BG048099.D
Acq: 3 Feb 2021 20:17

Tgt Ion:164 Resp: 133483
Ion Ratio Lower Upper
164 100
162 104.5 82.3 123.5
160 44.1 35.3 52.9

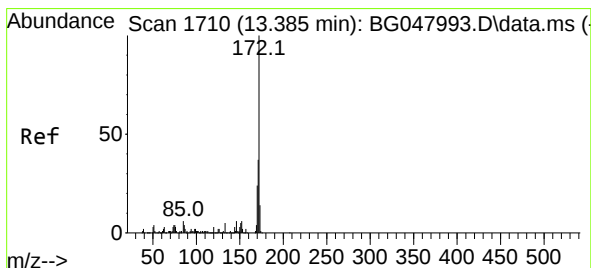
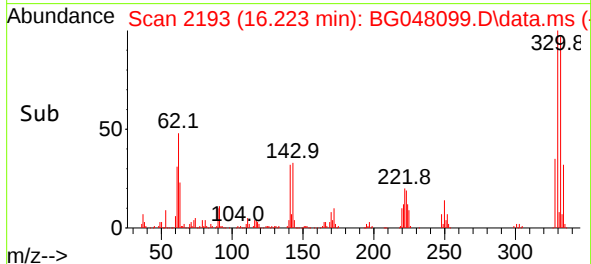
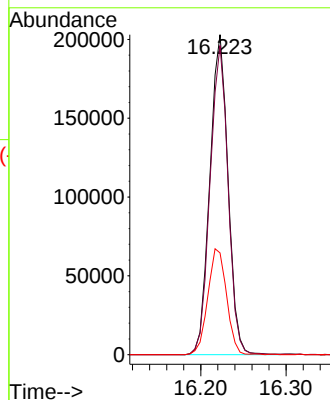
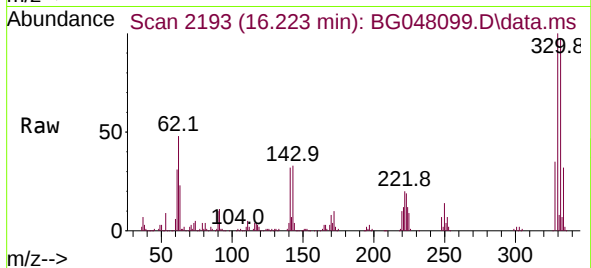




#42
2,4,6-Tribromophenol
Concen: 135.44 ng
RT: 16.223 min Scan# 2193
Delta R.T. -0.005 min
Lab File: BG048099.D
Acq: 3 Feb 2021 20:17

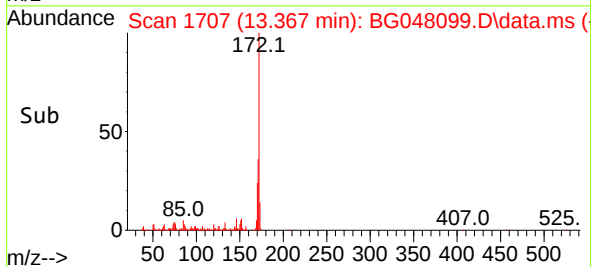
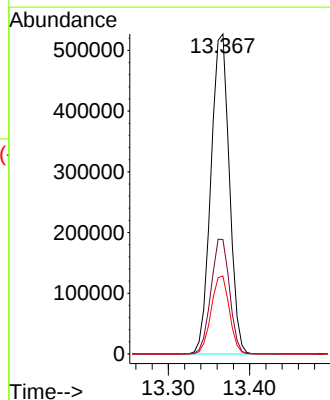
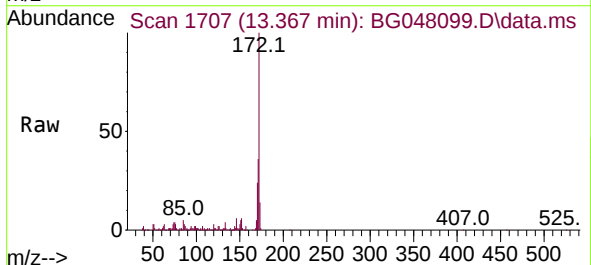
Instrument :
BNA_G
ClientSampled :
2021-01-28-EB

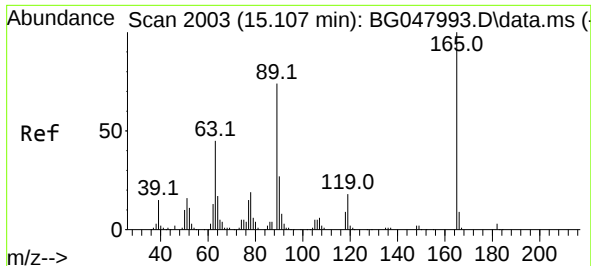
Tgt Ion:330 Resp: 301104
Ion Ratio Lower Upper
330 100
332 95.5 76.5 114.7
141 34.2 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 80.28 ng
RT: 13.367 min Scan# 1707
Delta R.T. 0.001 min
Lab File: BG048099.D
Acq: 3 Feb 2021 20:17

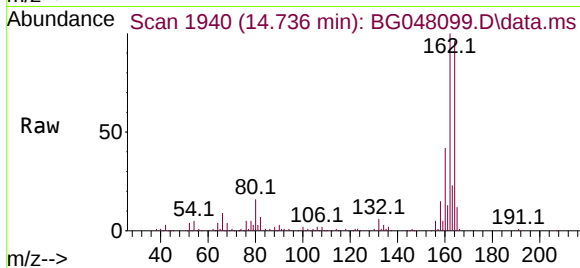
Tgt Ion:172 Resp: 828877
Ion Ratio Lower Upper
172 100
171 35.7 31.3 46.9
170 24.4 20.8 31.2



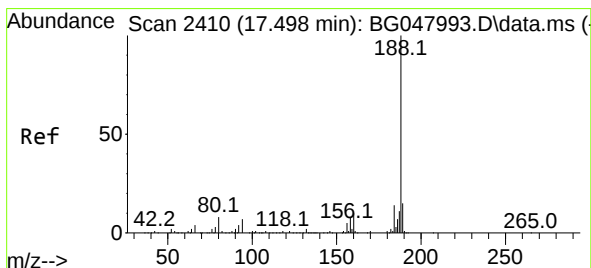
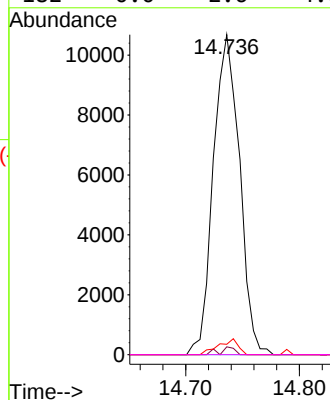
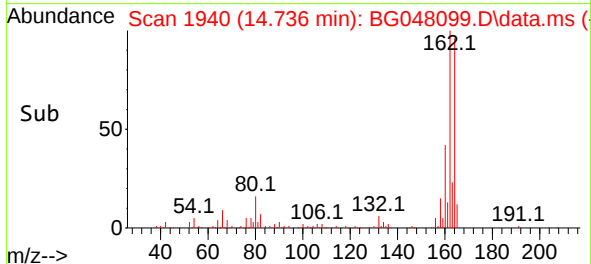


#57
2,4-Dinitrotoluene
Concen: 4.71 ng
RT: 14.736 min Scan# 1940
Delta R.T. -0.358 min
Lab File: BG048099.D
Acq: 3 Feb 2021 20:17

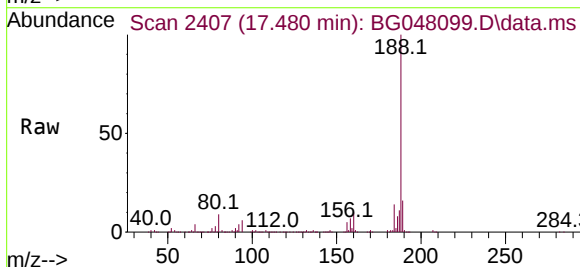
Instrument :
BNA_G
ClientSampleId :
2021-01-28-EB



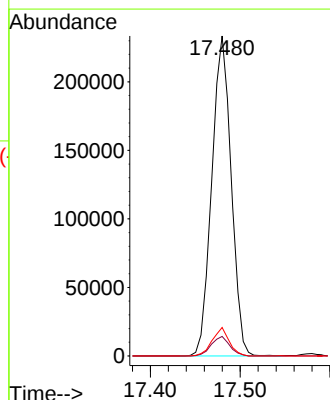
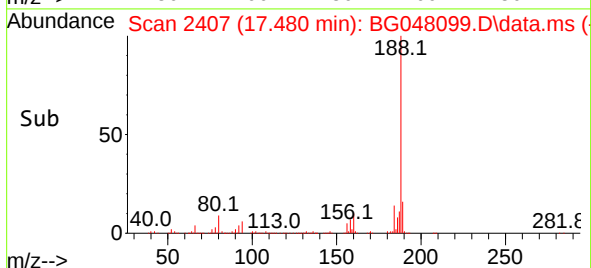
Tgt Ion:165 Resp: 17096
Ion Ratio Lower Upper
165 100
63 2.5 26.4 39.6#
89 3.3 47.8 71.8#
182 0.0 2.6 4.0#

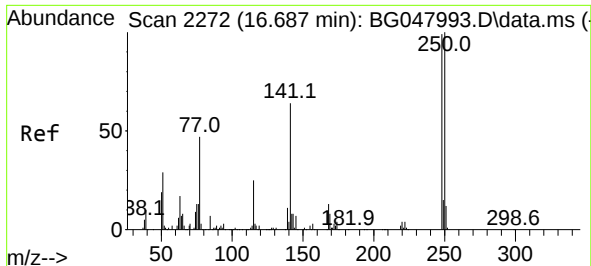


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.480 min Scan# 2407
Delta R.T. -0.005 min
Lab File: BG048099.D
Acq: 3 Feb 2021 20:17



Tgt Ion:188 Resp: 350089
Ion Ratio Lower Upper
188 100
94 6.1 6.3 9.5#
80 8.9 7.0 10.6

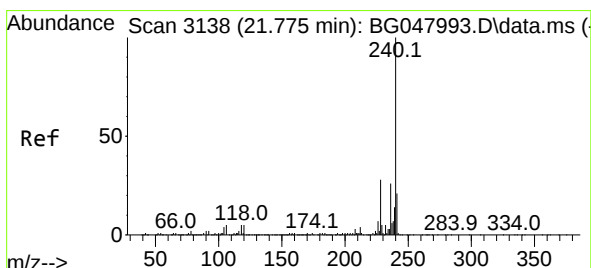
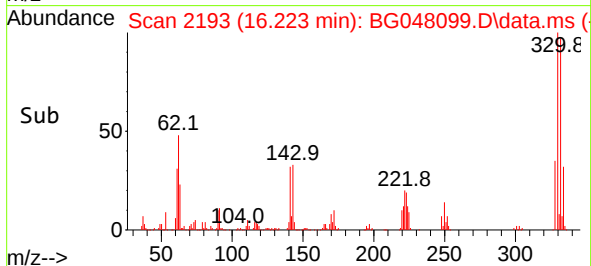
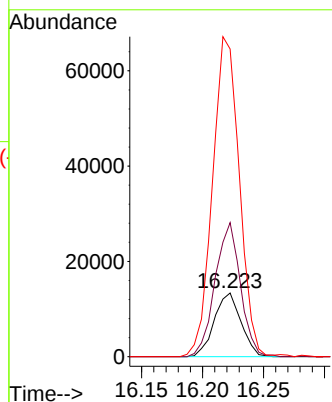
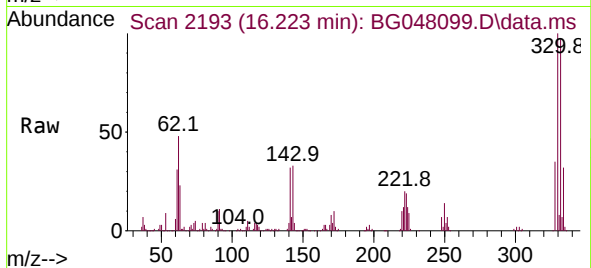




#67
4-Bromophenyl-phenylether
Concen: 4.36 ng
RT: 16.223 min Scan# 2193
Delta R.T. -0.452 min
Lab File: BG048099.D
Acq: 3 Feb 2021 20:17

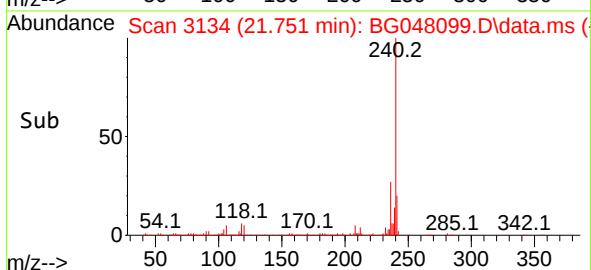
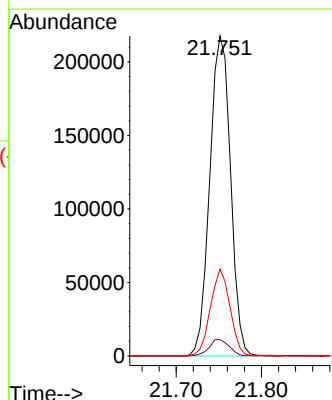
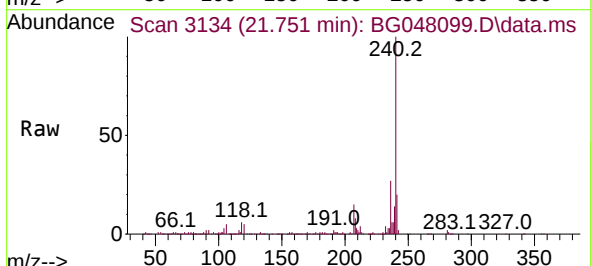
Instrument :
BNA_G
ClientSampleId :
2021-01-28-EB

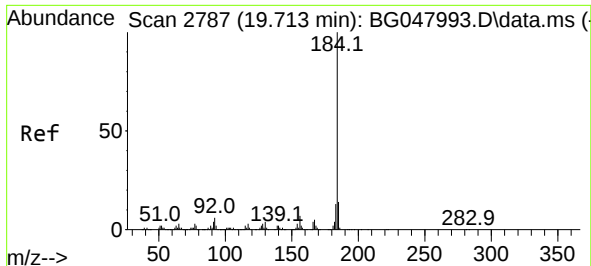
Tgt Ion:248 Resp: 20381
Ion Ratio Lower Upper
248 100
250 210.5 78.9 118.3#
141 483.3 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.751 min Scan# 3134
Delta R.T. -0.011 min
Lab File: BG048099.D
Acq: 3 Feb 2021 20:17

Tgt Ion:240 Resp: 369026
Ion Ratio Lower Upper
240 100
120 5.1 6.2 9.4#
236 27.2 20.5 30.7

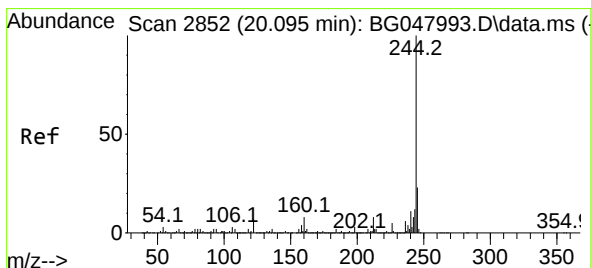
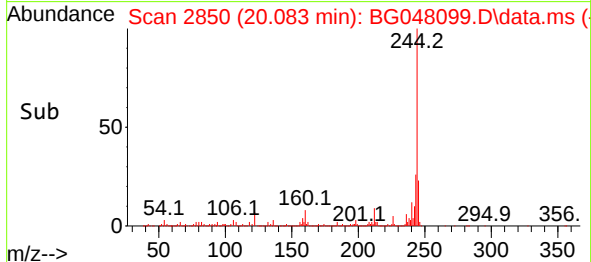
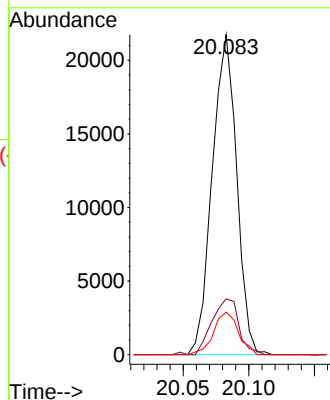
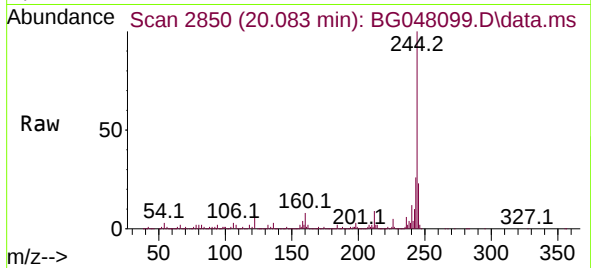




#77
Benzidine
Concen: 2.64 ng
RT: 20.083 min Scan# 2850
Delta R.T. 0.383 min
Lab File: BG048099.D
Acq: 3 Feb 2021 20:17

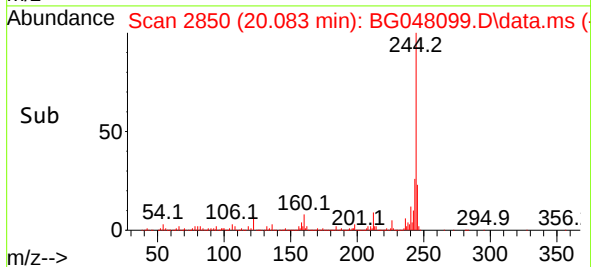
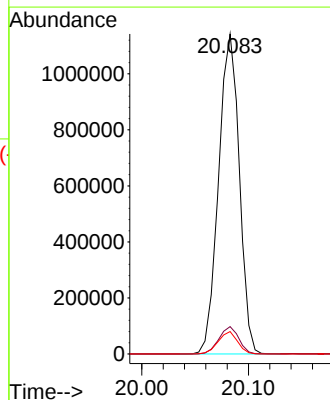
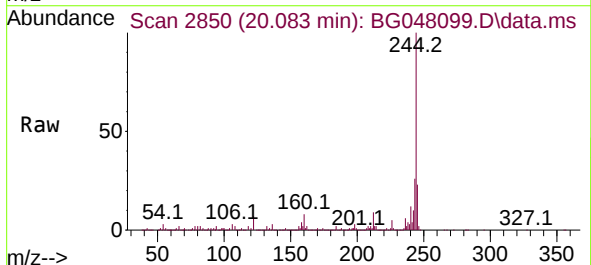
Instrument :
BNA_G
ClientSampleId :
2021-01-28-EB

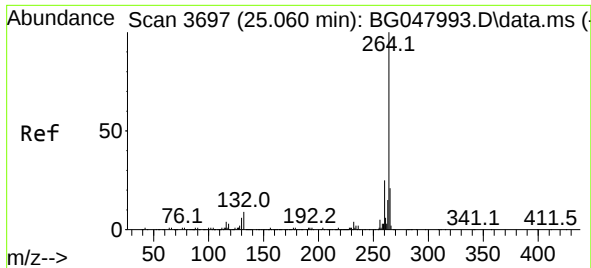
Tgt Ion:184 Resp: 28104
Ion Ratio Lower Upper
184 100
185 17.4 12.4 18.6
183 13.3 10.6 15.8



#79
Terphenyl-d14
Concen: 72.35 ng
RT: 20.083 min Scan# 2850
Delta R.T. -0.005 min
Lab File: BG048099.D
Acq: 3 Feb 2021 20:17

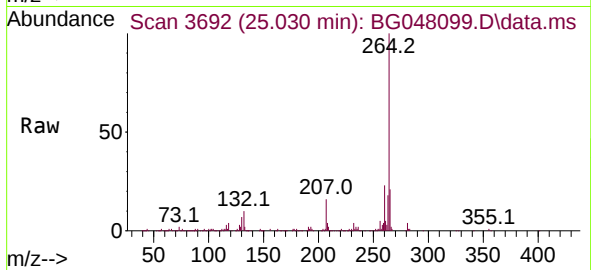
Tgt Ion:244 Resp: 1539875
Ion Ratio Lower Upper
244 100
212 8.5 6.7 10.1
122 7.0 7.8 11.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.030 min Scan# 3692
 Delta R.T. -0.011 min
 Lab File: BG048099.D
 Acq: 3 Feb 2021 20:17

Instrument :
 BNA_G
 ClientSampleId :
 2021-01-28-EB



Tgt Ion:	264	Resp:	360805
Ion Ratio	100	Lower	Upper
264	100		
260	22.9	18.8	28.2
265	21.3	17.8	26.8

