

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042221\
 Data File : BG048840.D
 Acq On : 22 Apr 2021 10:03
 Operator : CG/JU
 Sample : PB135894BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB135894BL

Quant Time: Apr 22 11:49:02 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)

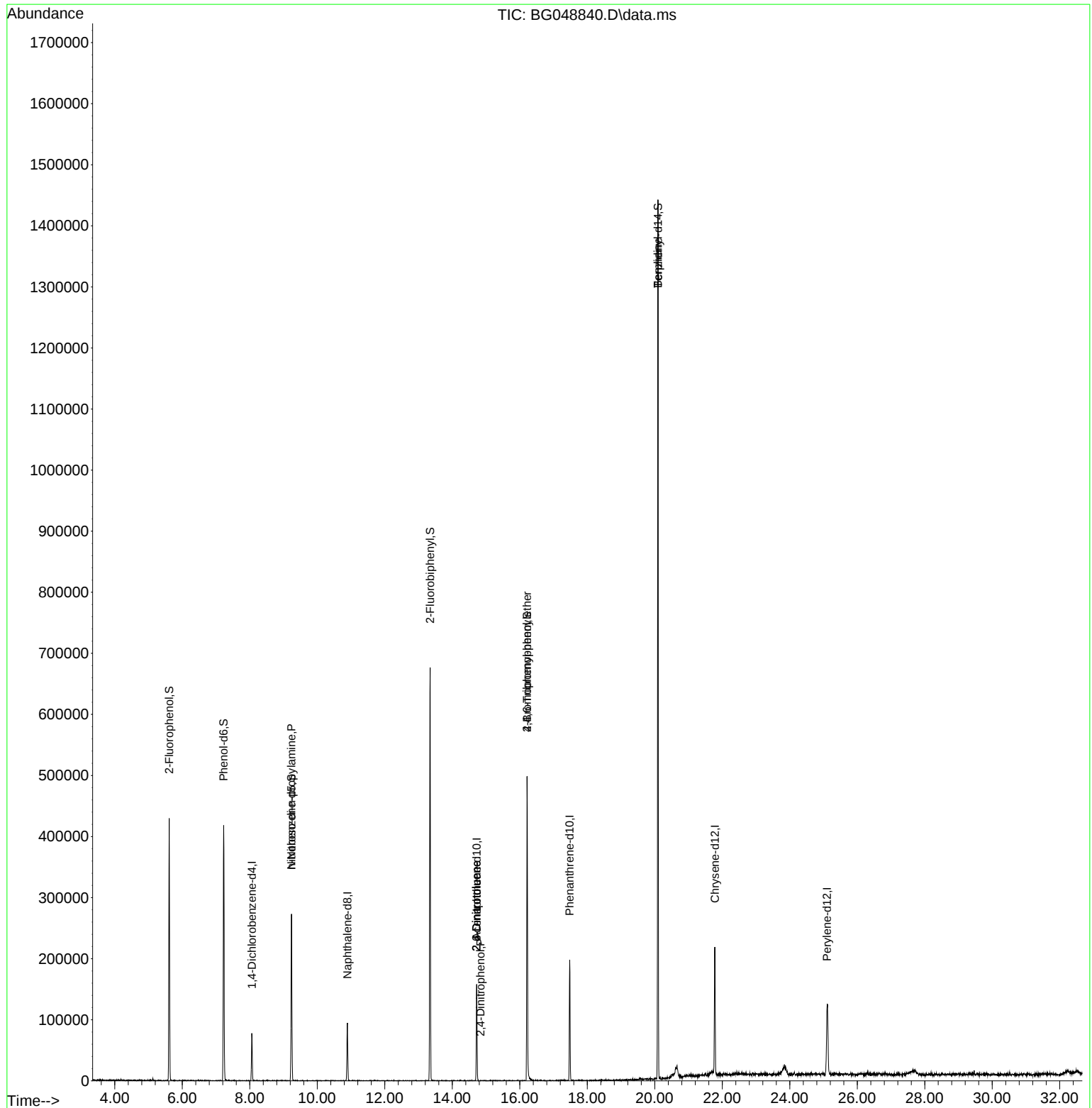
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.062	152	18092	20.00	ng	0.00
21) Naphthalene-d8	10.894	136	74669	20.00	ng	# 0.00
39) Acenaphthene-d10	14.724	164	53084	20.00	ng	0.00
64) Phenanthrene-d10	17.480	188	126563	20.00	ng	# 0.00
76) Chrysene-d12	21.781	240	130934	20.00	ng	0.00
86) Perylene-d12	25.106	264	126988	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.612	112	162754	150.46	ng	0.00
7) Phenol-d6	7.227	99	203538	133.02	ng	0.00
23) Nitrobenzene-d5	9.237	82	153072	91.78	ng	0.00
42) 2,4,6-Tribromophenol	16.217	330	83188	116.88	ng	0.00
45) 2-Fluorobiphenyl	13.344	172	331182	90.10	ng	0.00
79) Terphenyl-d14	20.095	244	641690	84.35	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.237	70	24079	23.33	ng	# 73
51) 2,6-Dinitrotoluene	14.719	165	7128	7.76	ng	# 10
54) 2,4-Dinitrophenol	14.836	184	54	5.37	ng	# 8
57) 2,4-Dinitrotoluene	14.719	165	7128	5.34	ng	# 15
67) 4-Bromophenyl-phenylether	16.217	248	6072	4.17	ng	# 1
77) Benzydine	20.095	184	12863	3.62	ng	98

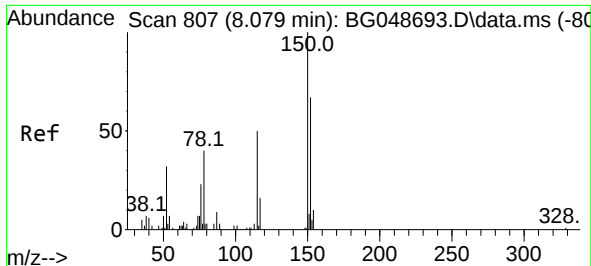
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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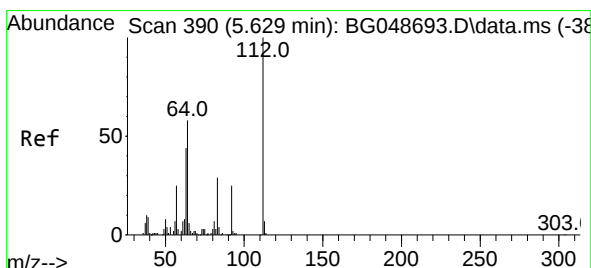
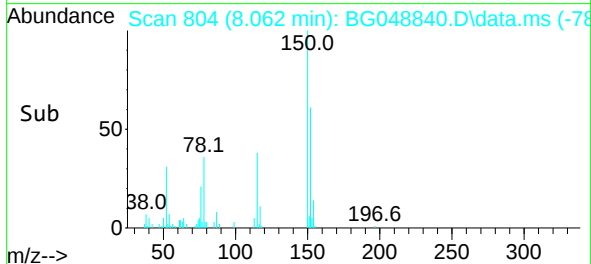
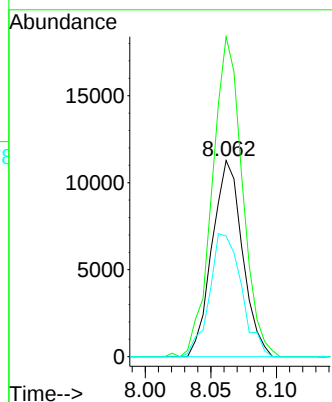
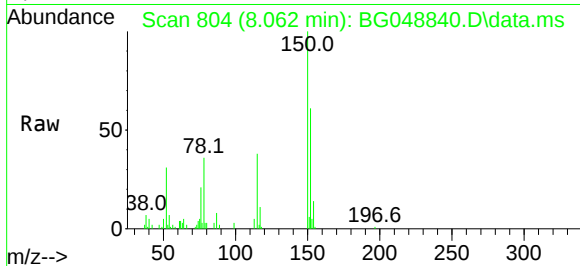




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.062 min Scan# 804
Delta R.T. 0.001 min
Lab File: BG048840.D
Acq: 22 Apr 2021 10:03

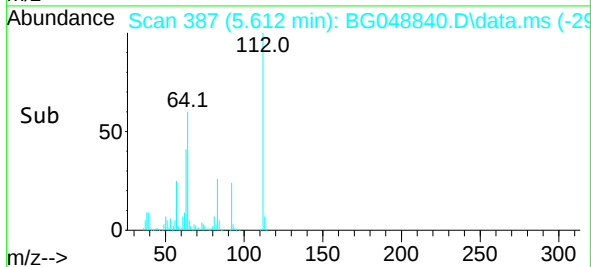
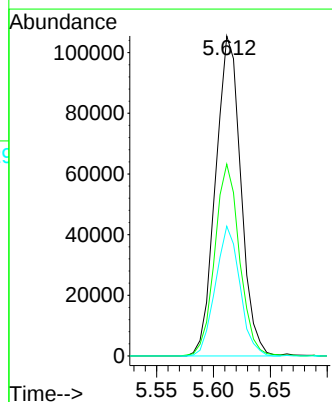
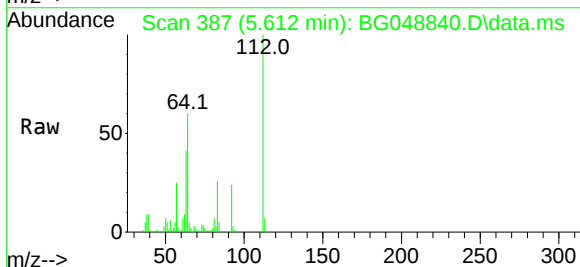
Instrument :
BNA_F
ClientSampleId :
PB135894BL

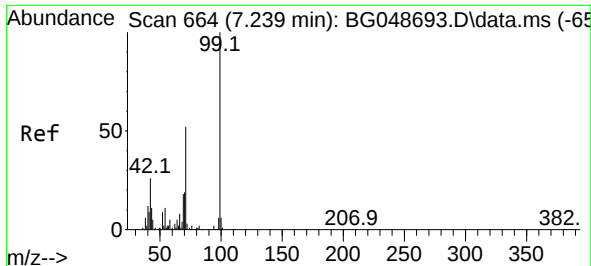
Tgt Ion:152 Resp: 18092
Ion Ratio Lower Upper
152 100
150 163.2 119.4 179.0
115 61.5 60.2 90.4



#5
2-Fluorophenol
Concen: 150.46 ng
RT: 5.612 min Scan# 387
Delta R.T. 0.006 min
Lab File: BG048840.D
Acq: 22 Apr 2021 10:03

Tgt Ion:112 Resp: 162754
Ion Ratio Lower Upper
112 100
64 59.9 46.7 70.1
63 40.5 35.3 52.9

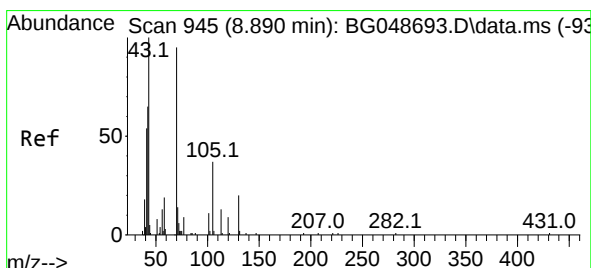
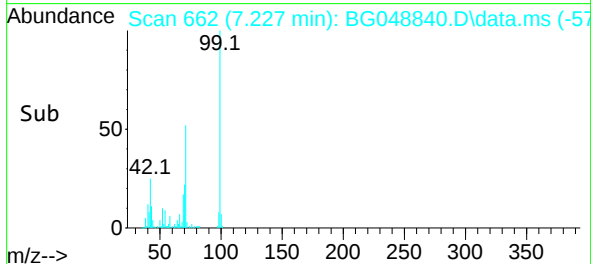
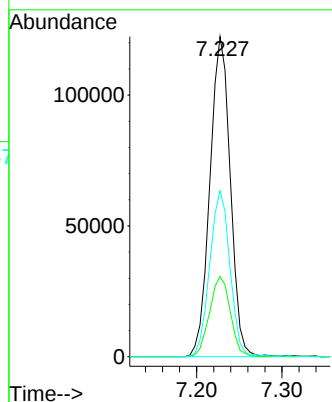
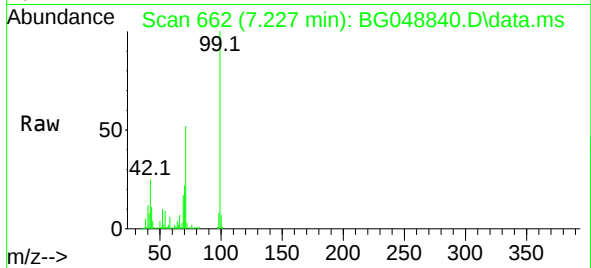




#7
Phenol-d6
Concen: 133.02 ng
RT: 7.227 min Scan# 662
Delta R.T. 0.006 min
Lab File: BG048840.D
Acq: 22 Apr 2021 10:03

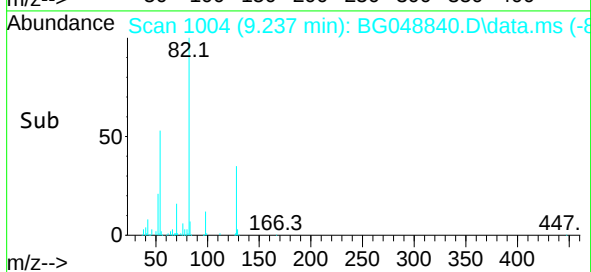
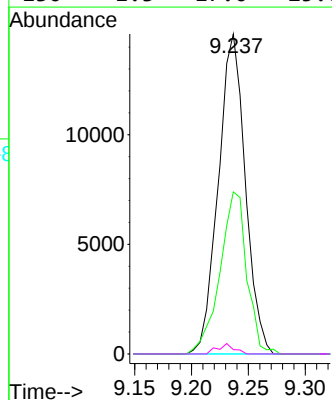
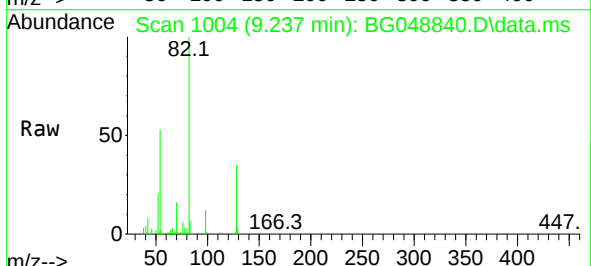
Instrument :
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ClientSampleId :
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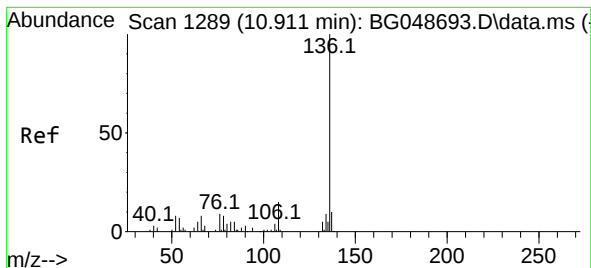
Tgt Ion: 99 Resp: 203538
Ion Ratio Lower Upper
99 100
42 25.1 20.5 30.7
71 51.8 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 23.33 ng
RT: 9.237 min Scan# 1004
Delta R.T. 0.365 min
Lab File: BG048840.D
Acq: 22 Apr 2021 10:03

Tgt Ion: 70 Resp: 24079
Ion Ratio Lower Upper
70 100
42 50.7 54.5 81.7#
101 0.0 9.0 13.6#
130 1.3 17.0 25.6#

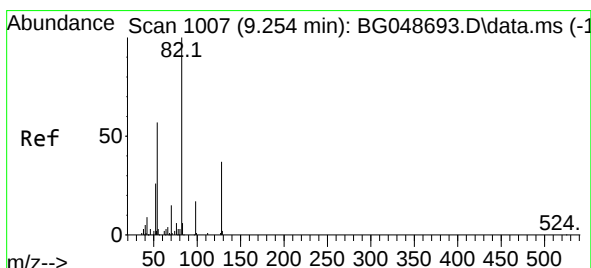
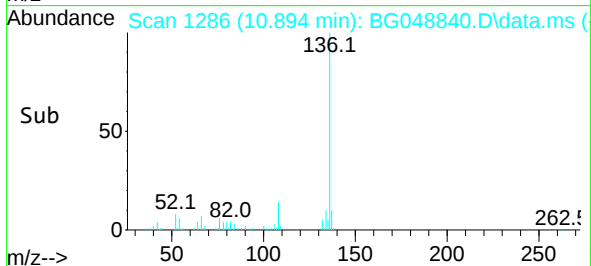
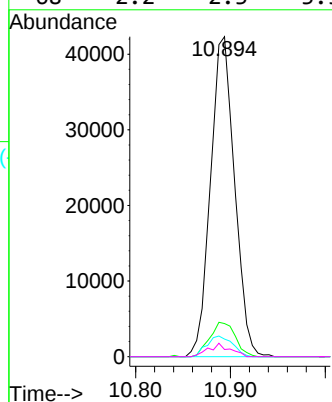
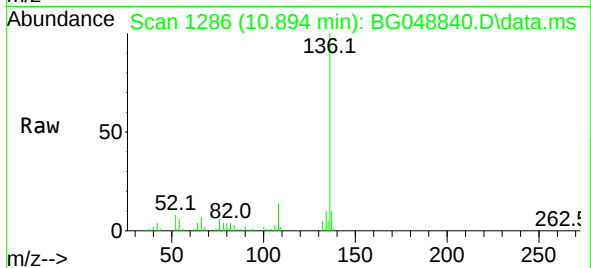




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.894 min Scan# 1286
Delta R.T. 0.000 min
Lab File: BG048840.D
Acq: 22 Apr 2021 10:03

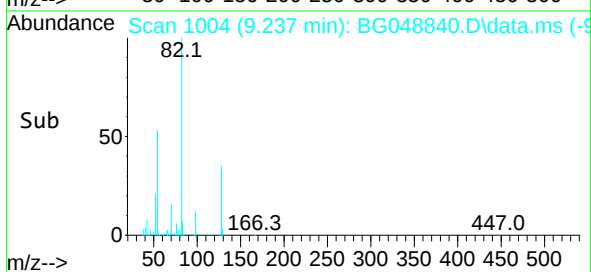
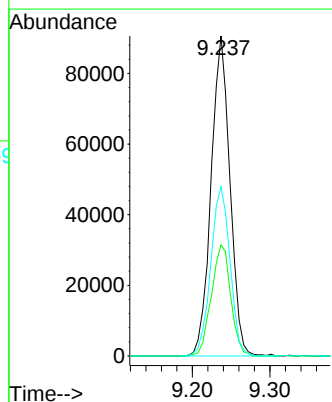
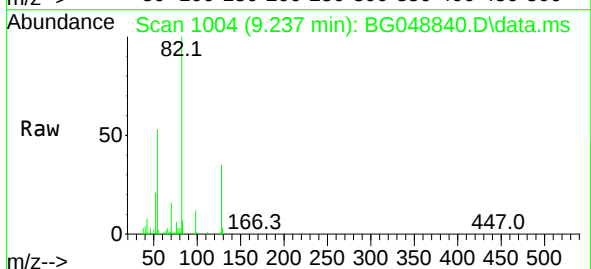
Instrument :
BNA_F
ClientSampleId :
PB135894BL

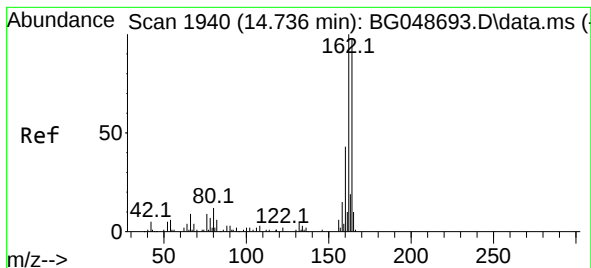
Tgt Ion:136	Resp:	74669
Ion Ratio	Lower	Upper
136	100	
137	10.4	8.2 12.2
54	5.5	5.5 8.3#
68	2.2	2.3 3.5#



#23
Nitrobenzene-d5
Concen: 91.78 ng
RT: 9.237 min Scan# 1004
Delta R.T. 0.000 min
Lab File: BG048840.D
Acq: 22 Apr 2021 10:03

Tgt Ion: 82	Resp:	153072
Ion Ratio	Lower	Upper
82	100	
128	34.7	29.8 44.6
54	52.9	45.8 68.8

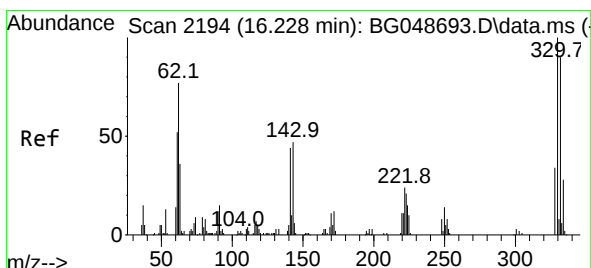
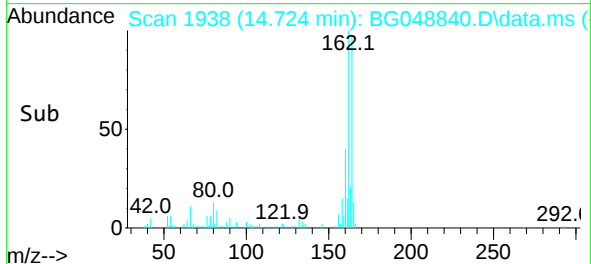
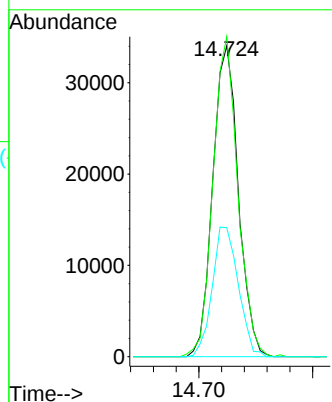
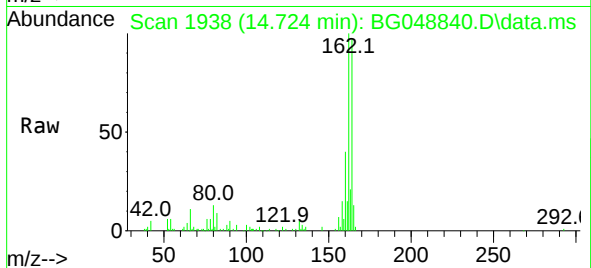




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.724 min Scan# 1938
Delta R.T. 0.000 min
Lab File: BG048840.D
Acq: 22 Apr 2021 10:03

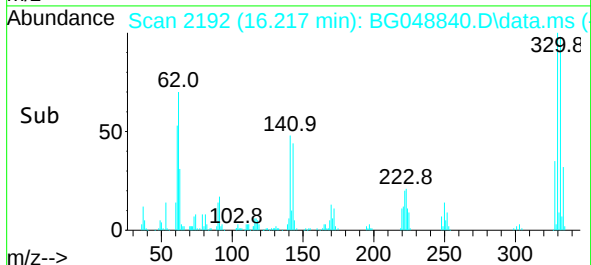
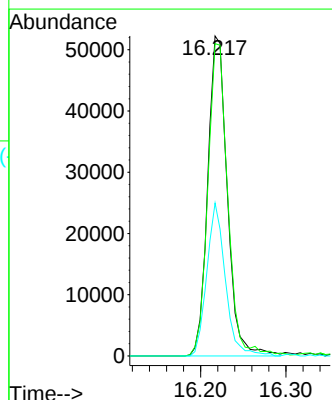
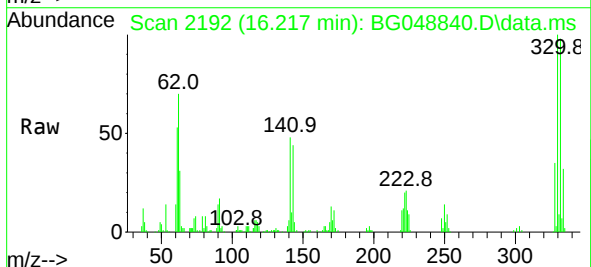
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ClientSampleId :
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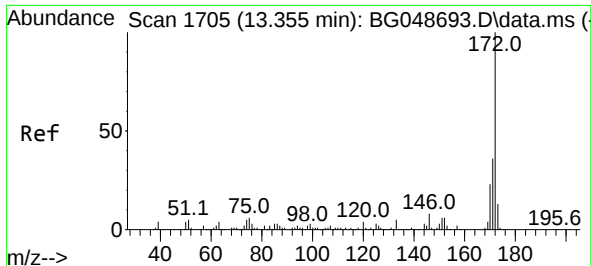
Tgt Ion:164 Resp: 53084
Ion Ratio Lower Upper
164 100
162 102.9 81.4 122.0
160 41.5 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 116.88 ng
RT: 16.217 min Scan# 2192
Delta R.T. 0.000 min
Lab File: BG048840.D
Acq: 22 Apr 2021 10:03

Tgt Ion:330 Resp: 83188
Ion Ratio Lower Upper
330 100
332 99.3 77.3 115.9
141 45.3 35.6 53.4

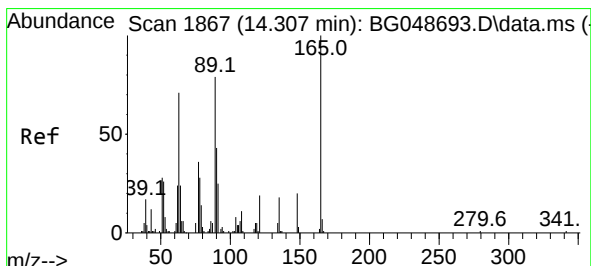
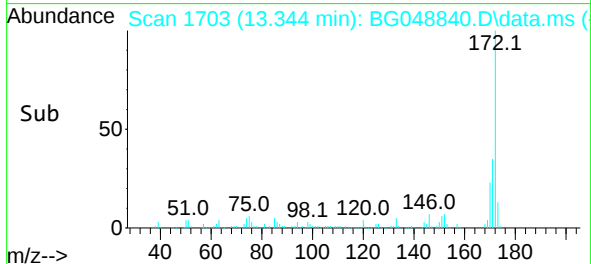
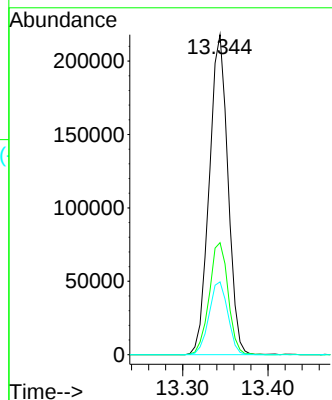
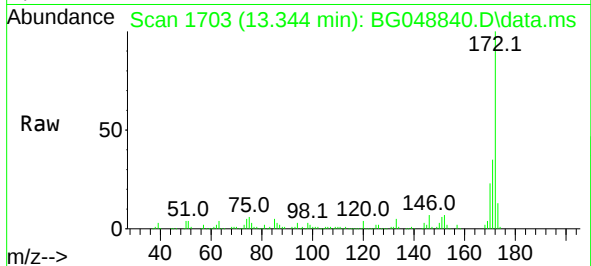




#45
2-Fluorobiphenyl
Concen: 90.10 ng
RT: 13.344 min Scan# 1703
Delta R.T. 0.000 min
Lab File: BG048840.D
Acq: 22 Apr 2021 10:03

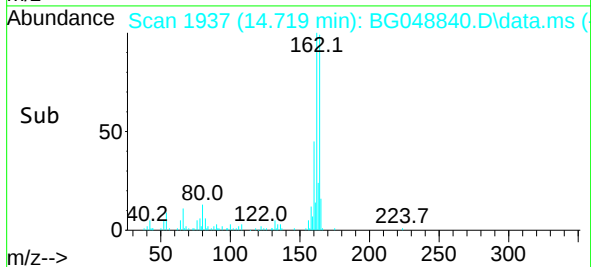
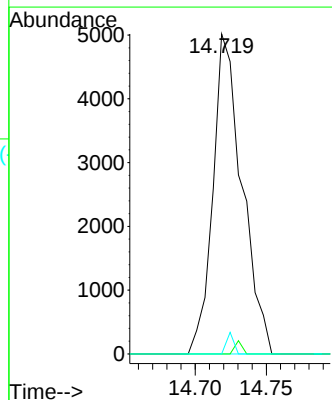
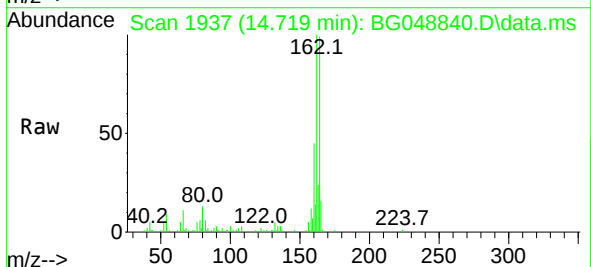
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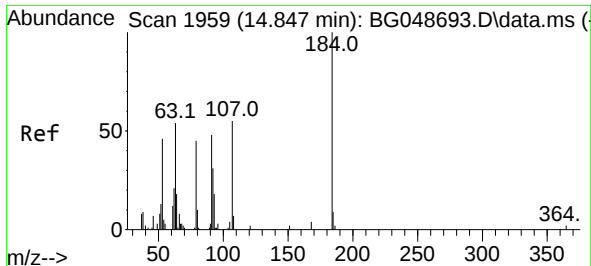
Tgt Ion:172 Resp: 331182
Ion Ratio Lower Upper
172 100
171 35.0 28.6 43.0
170 22.8 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 7.76 ng
RT: 14.719 min Scan# 1937
Delta R.T. 0.424 min
Lab File: BG048840.D
Acq: 22 Apr 2021 10:03

Tgt Ion:165 Resp: 7128
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#

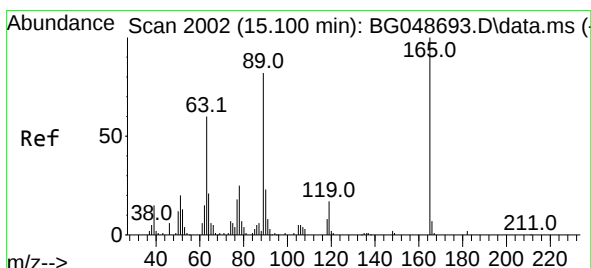
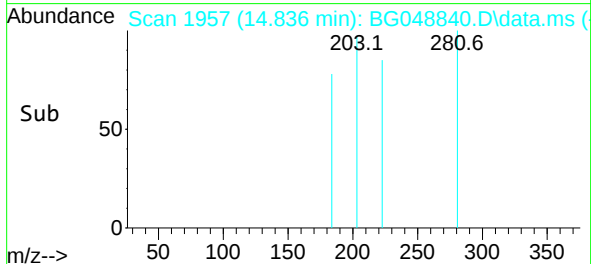
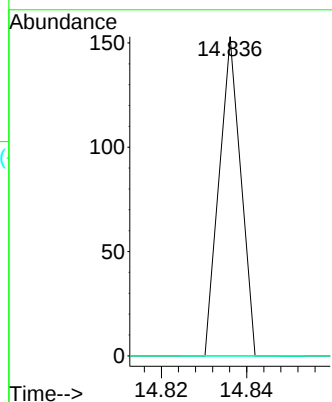
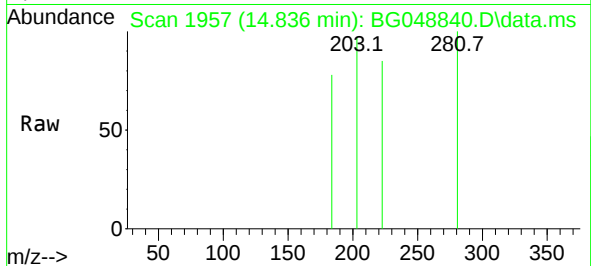




#54
2,4-Dinitrophenol
Concen: 5.37 ng
RT: 14.836 min Scan# 1957
Delta R.T. 0.000 min
Lab File: BG048840.D
Acq: 22 Apr 2021 10:03

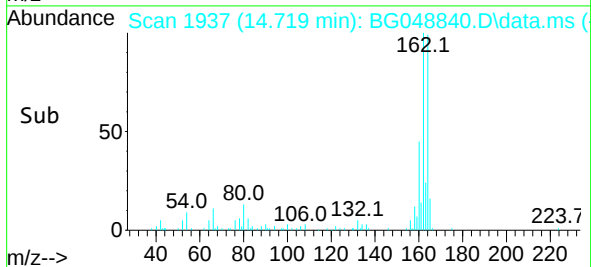
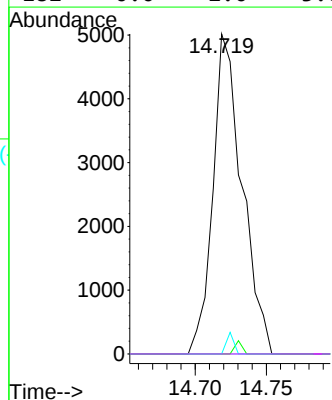
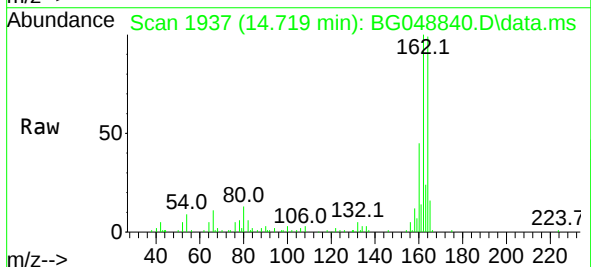
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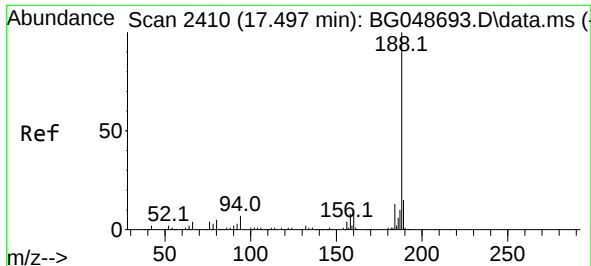
Tgt Ion:184 Resp: 54
Ion Ratio Lower Upper
184 100
63 0.0 68.3 102.5#
154 0.0 62.6 93.8#



#57
2,4-Dinitrotoluene
Concen: 5.34 ng
RT: 14.719 min Scan# 1937
Delta R.T. -0.364 min
Lab File: BG048840.D
Acq: 22 Apr 2021 10:03

Tgt Ion:165 Resp: 7128
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#

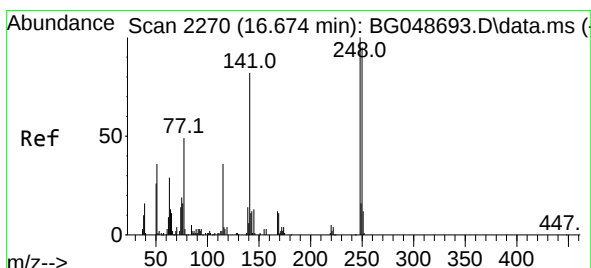
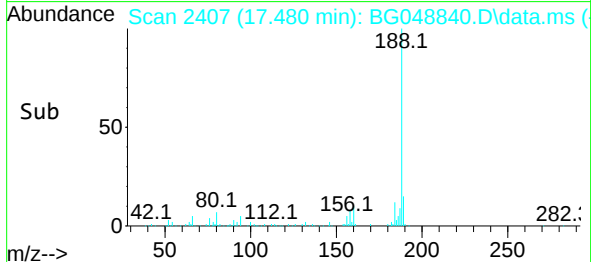
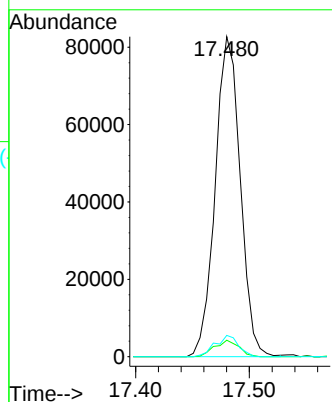
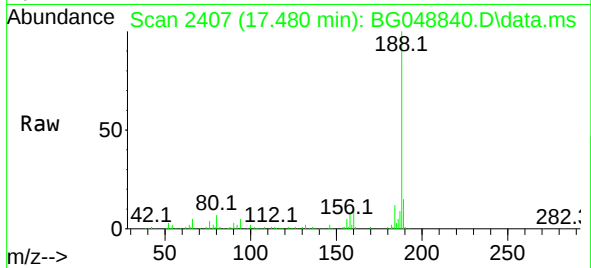




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.480 min Scan# 2407
Delta R.T. 0.000 min
Lab File: BG048840.D
Acq: 22 Apr 2021 10:03

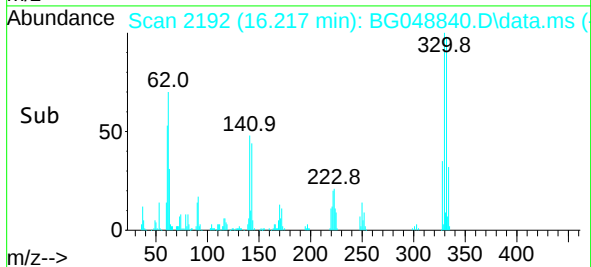
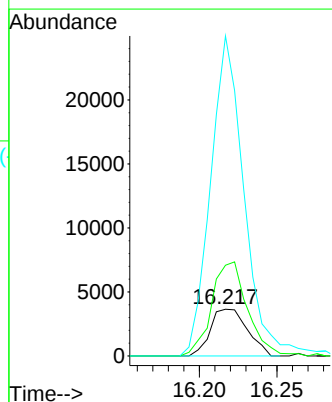
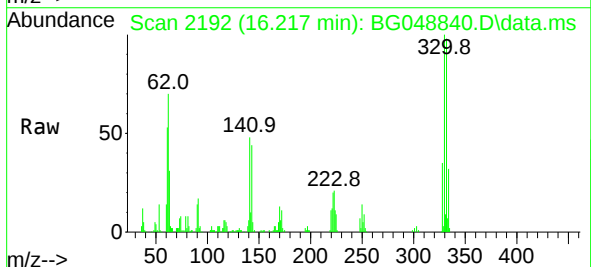
Instrument :
BNA_F
ClientSampled :
PB135894BL

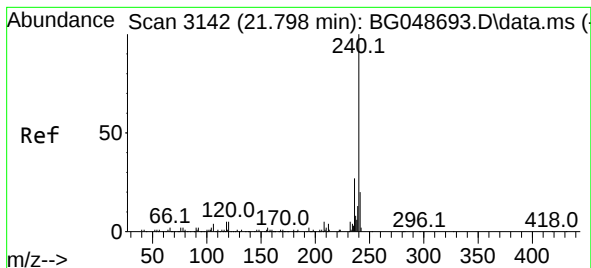
Tgt Ion:188 Resp: 126563
Ion Ratio Lower Upper
188 100
94 5.1 5.4 8.0#
80 6.7 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 4.17 ng
RT: 16.217 min Scan# 2192
Delta R.T. -0.446 min
Lab File: BG048840.D
Acq: 22 Apr 2021 10:03

Tgt Ion:248 Resp: 6072
Ion Ratio Lower Upper
248 100
250 193.9 76.1 114.1#
141 684.3 65.4 98.2#

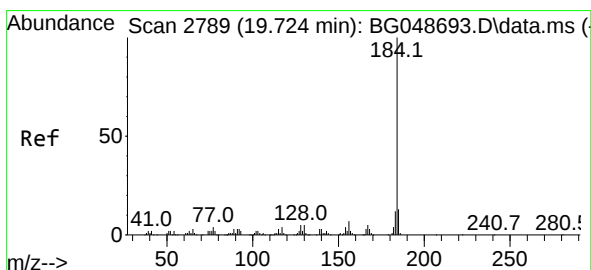
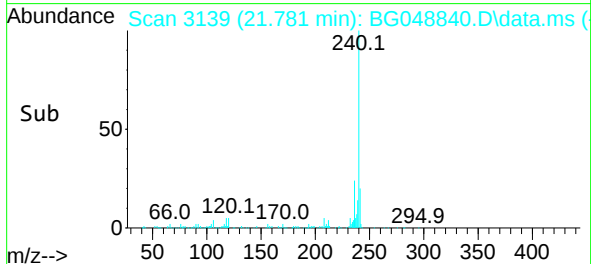
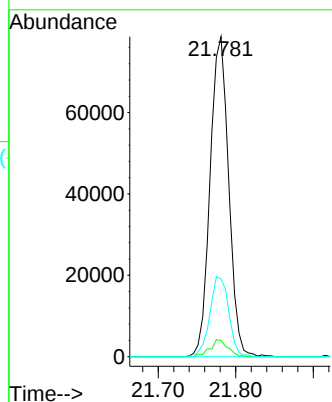
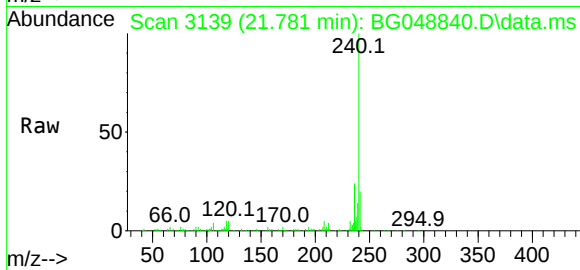




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.781 min Scan# 3139
Delta R.T. 0.000 min
Lab File: BG048840.D
Acq: 22 Apr 2021 10:03

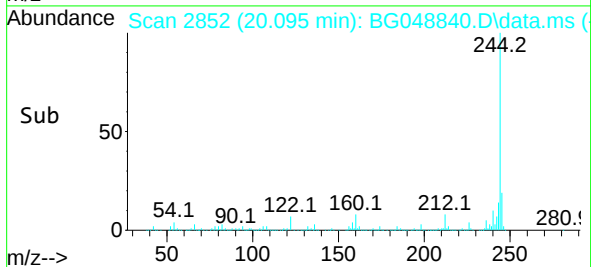
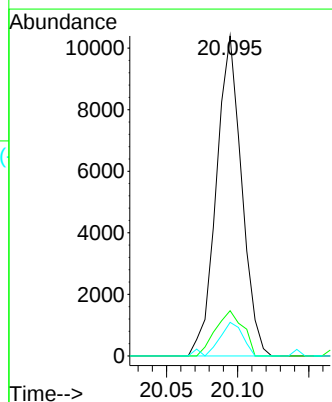
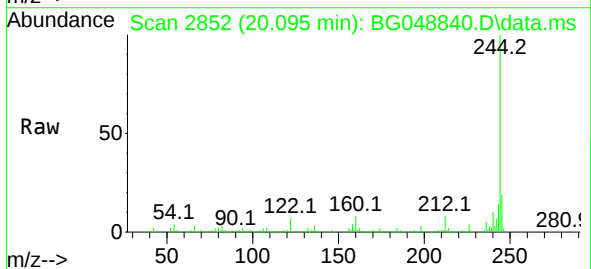
Instrument :
BNA_F
ClientSampleId :
PB135894BL

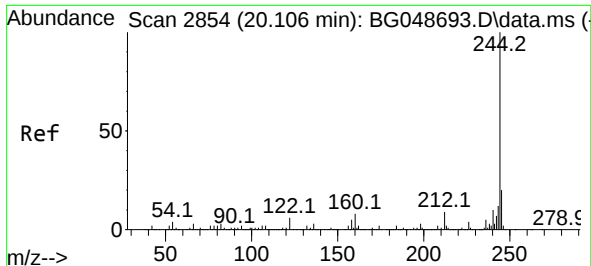
Tgt Ion:240 Resp: 130934
Ion Ratio Lower Upper
240 100
120 5.1 4.2 6.2
236 24.3 21.8 32.6



#77
Benzidine
Concen: 3.62 ng
RT: 20.095 min Scan# 2852
Delta R.T. 0.382 min
Lab File: BG048840.D
Acq: 22 Apr 2021 10:03

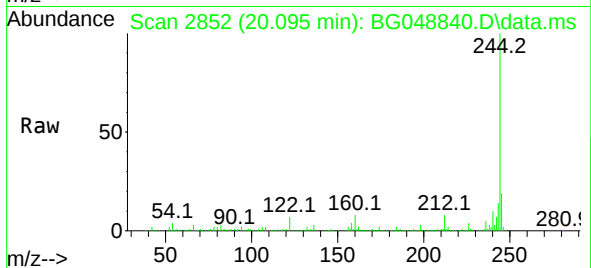
Tgt Ion:184 Resp: 12863
Ion Ratio Lower Upper
184 100
185 14.1 10.7 16.1
183 10.5 9.4 14.0



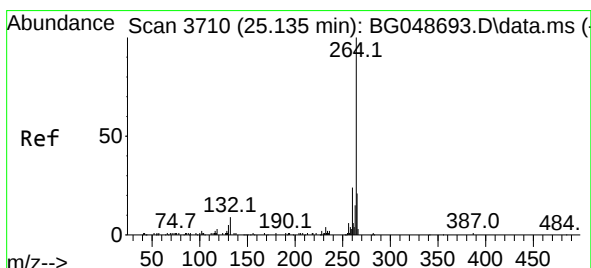
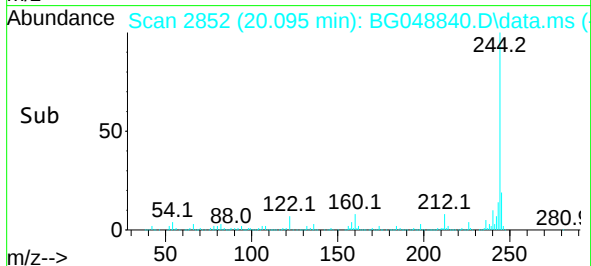
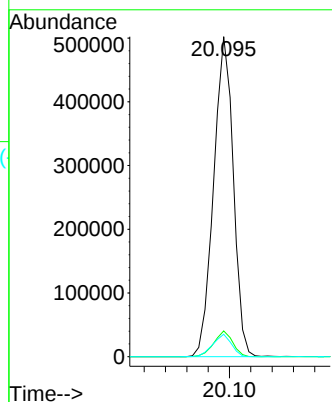


#79
 Terphenyl-d14
 Concen: 84.35 ng
 RT: 20.095 min Scan# 2852
 Delta R.T. 0.000 min
 Lab File: BG048840.D
 Acq: 22 Apr 2021 10:03

Instrument :
 BNA_F
 ClientSampleId :
 PB135894BL



Tgt Ion:244 Resp: 641690
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.9 10.3
 122 7.0 5.0 7.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.106 min Scan# 3705
 Delta R.T. -0.005 min
 Lab File: BG048840.D
 Acq: 22 Apr 2021 10:03

Tgt Ion:264 Resp: 126988
 Ion Ratio Lower Upper
 264 100
 260 21.3 19.4 29.2
 265 19.3 16.9 25.3

