

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042121\
 Data File : BG048835.D
 Acq On : 22 Apr 2021 1:29
 Operator : CG/JU
 Sample : M2025-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 130-SB-1

Quant Time: Apr 22 02:42:34 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)

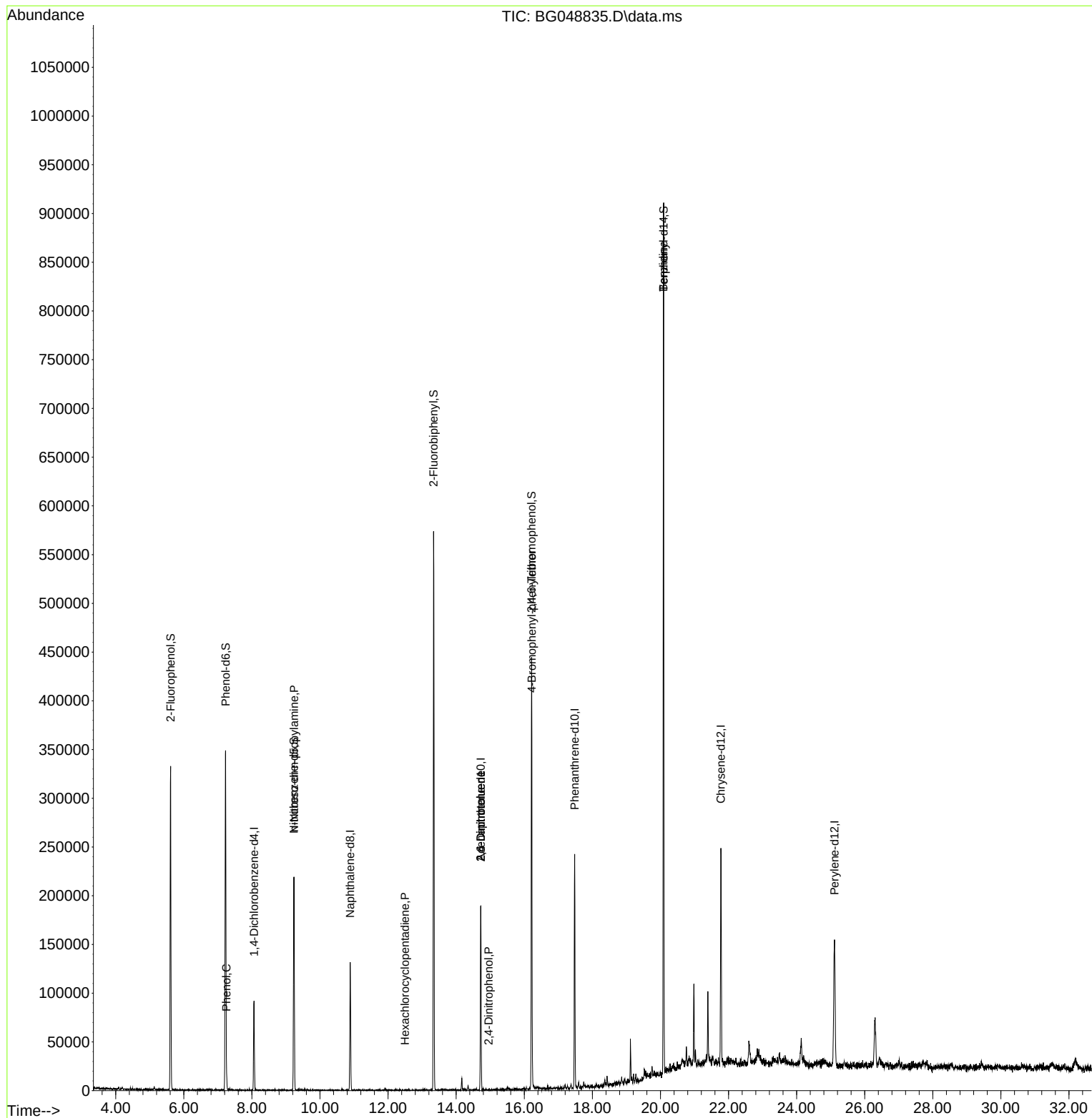
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.062	152	22337	20.00	ng	0.00
21) Naphthalene-d8	10.888	136	96769	20.00	ng	# 0.00
39) Acenaphthene-d10	14.725	164	65968	20.00	ng	0.00
64) Phenanthrene-d10	17.480	188	141925	20.00	ng	# 0.00
76) Chrysene-d12	21.775	240	133235	20.00	ng	0.00
86) Perylene-d12	25.113	264	134142	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.612	112	129313	96.82	ng	0.00
7) Phenol-d6	7.228	99	173896	92.05	ng	0.00
23) Nitrobenzene-d5	9.231	82	126433	58.49	ng	0.00
42) 2,4,6-Tribromophenol	16.217	330	73448	83.04	ng	0.00
45) 2-Fluorobiphenyl	13.338	172	283355	62.03	ng	0.00
79) Terphenyl-d14	20.095	244	407945	52.70	ng	0.00
Target Compounds						
10) Phenol	7.251	94	7990	4.30	ng	Qvalue 84
19) n-Nitroso-di-n-propyla...	9.237	70	20521	16.10	ng	# 75
41) Hexachlorocyclopentadiene	12.498	237	101	5.94	ng	# 31
51) 2,6-Dinitrotoluene	14.725	165	8334	7.30	ng	# 10
54) 2,4-Dinitrophenol	14.954	184	62	5.37	ng	# 8
57) 2,4-Dinitrotoluene	14.725	165	8334	5.03	ng	# 15
67) 4-Bromophenyl-phenylether	16.223	248	6041	3.70	ng	# 1
77) Benzidine	20.089	184	8942	2.47	ng	# 89

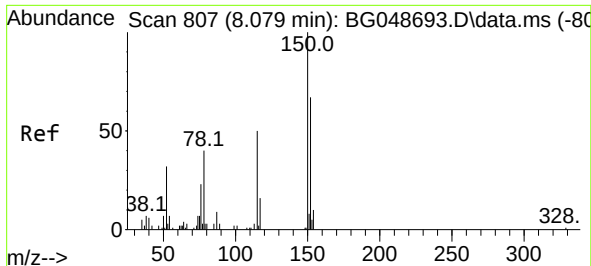
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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ClientSampleId :
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Quant Time: Apr 22 02:42:34 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

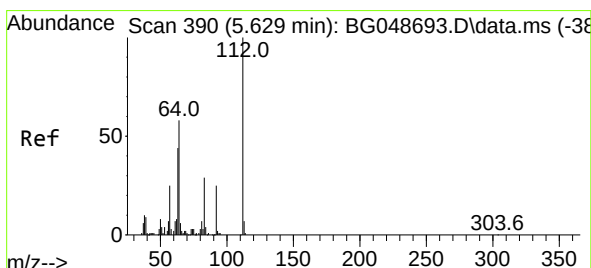
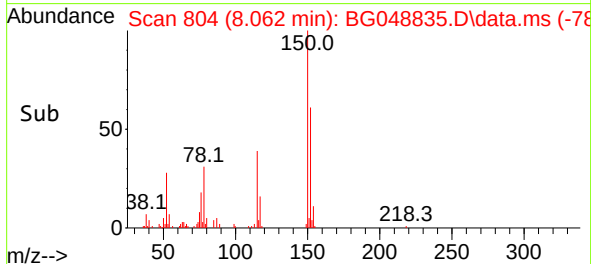
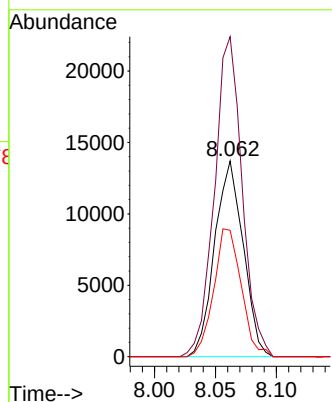
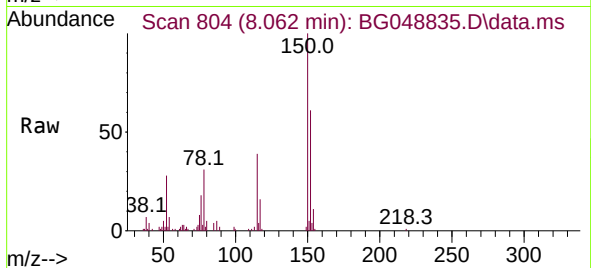




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.062 min Scan# 804
Delta R.T. 0.001 min
Lab File: BG048835.D
Acq: 22 Apr 2021 1:29

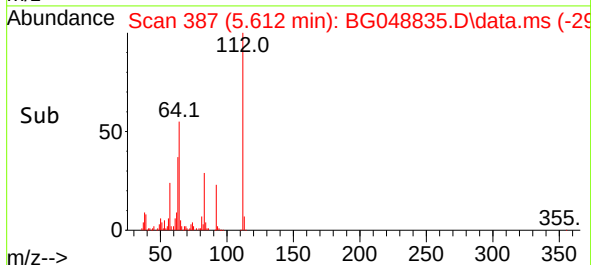
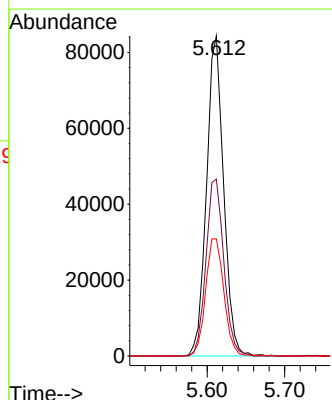
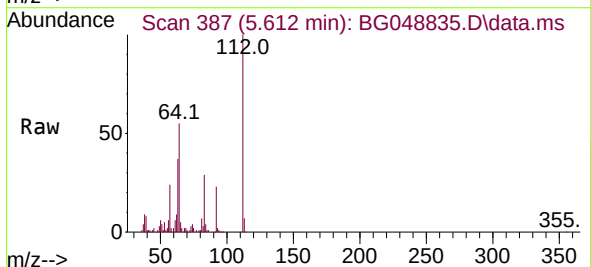
Instrument :
BNA_G
ClientSampleId :
130-SB-1

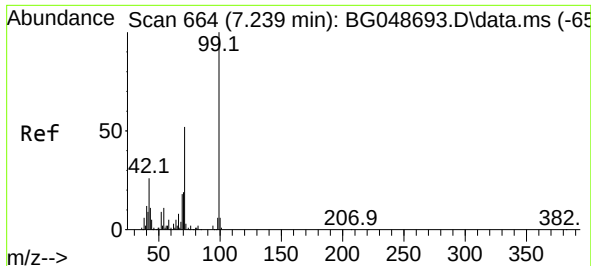
Tgt Ion:152 Resp: 22337
Ion Ratio Lower Upper
152 100
150 163.5 119.4 179.0
115 64.6 60.2 90.4



#5
2-Fluorophenol
Concen: 96.82 ng
RT: 5.612 min Scan# 387
Delta R.T. 0.007 min
Lab File: BG048835.D
Acq: 22 Apr 2021 1:29

Tgt Ion:112 Resp: 129313
Ion Ratio Lower Upper
112 100
64 55.3 46.7 70.1
63 36.6 35.3 52.9

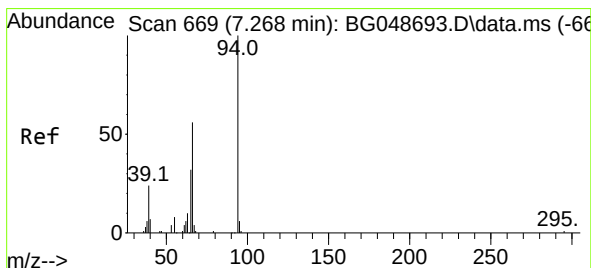
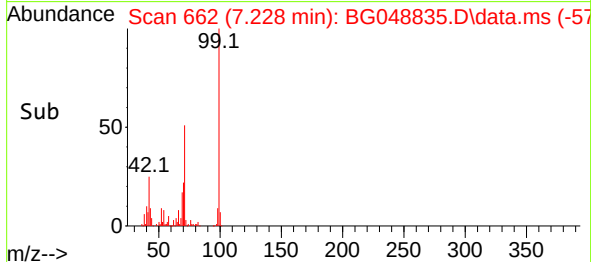
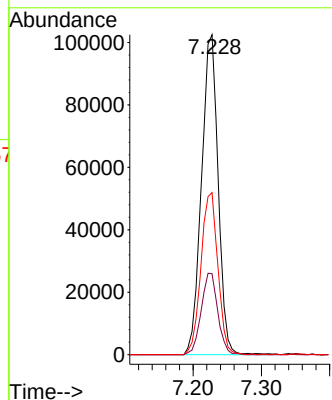
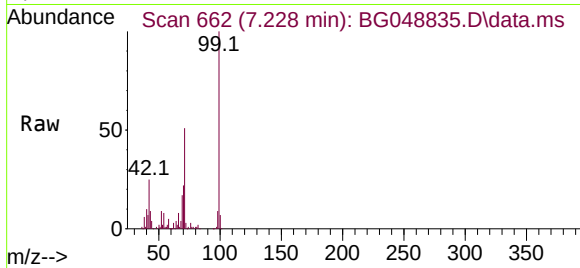




#7
Phenol-d6
Concen: 92.05 ng
RT: 7.228 min Scan# 662
Delta R.T. 0.007 min
Lab File: BG048835.D
Acq: 22 Apr 2021 1:29

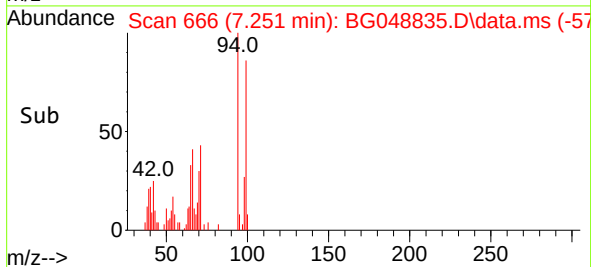
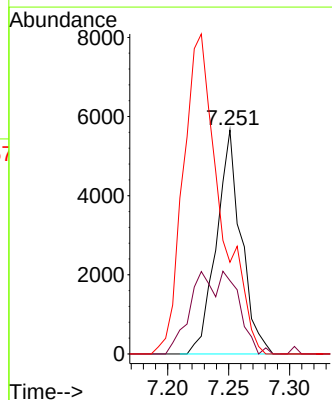
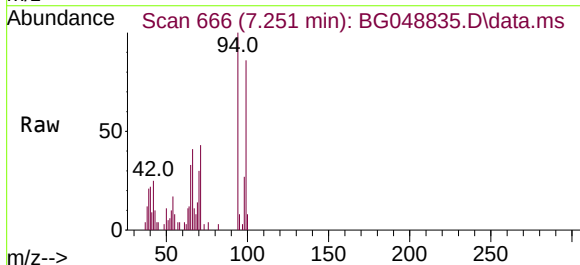
Instrument :
BNA_G
ClientSampleId :
130-SB-1

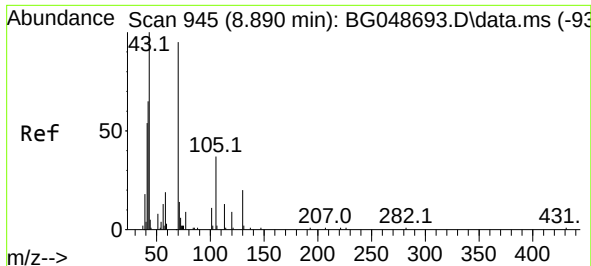
Tgt Ion: 99 Resp: 173896
Ion Ratio Lower Upper
99 100
42 25.3 20.5 30.7
71 50.6 41.5 62.3



#10
Phenol
Concen: 4.30 ng
RT: 7.251 min Scan# 666
Delta R.T. 0.001 min
Lab File: BG048835.D
Acq: 22 Apr 2021 1:29

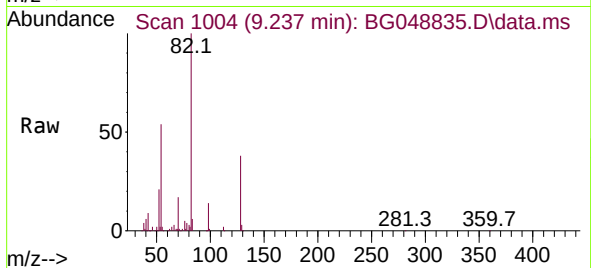
Tgt Ion: 94 Resp: 7990
Ion Ratio Lower Upper
94 100
65 32.7 12.9 52.9
66 41.0 39.4 79.4



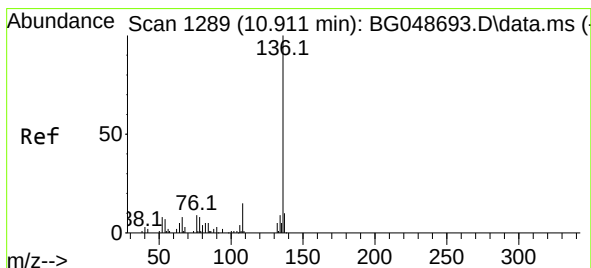
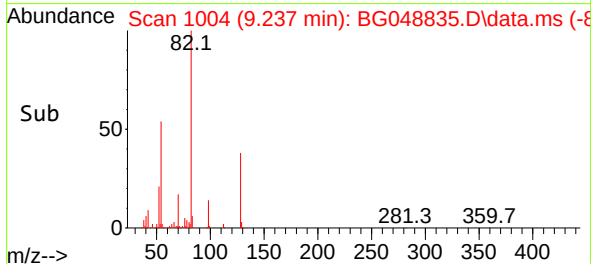
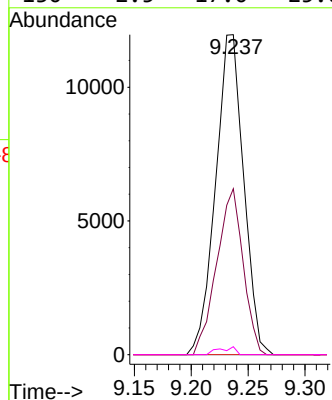


#19
n-Nitroso-di-n-propylamine
Concen: 16.10 ng
RT: 9.237 min Scan# 1004
Delta R.T. 0.365 min
Lab File: BG048835.D
Acq: 22 Apr 2021 1:29

Instrument :
BNA_G
ClientSampleId :
130-SB-1

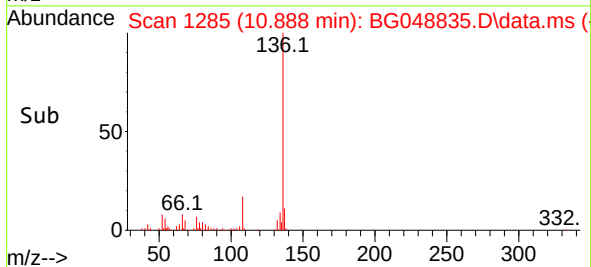
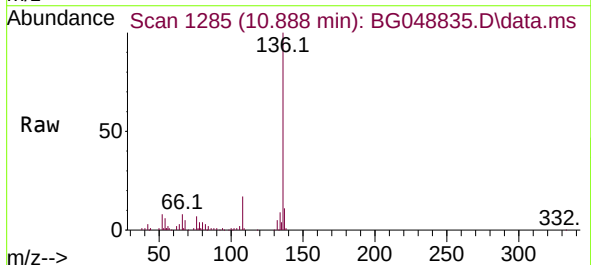
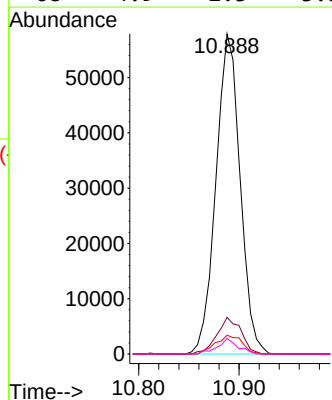


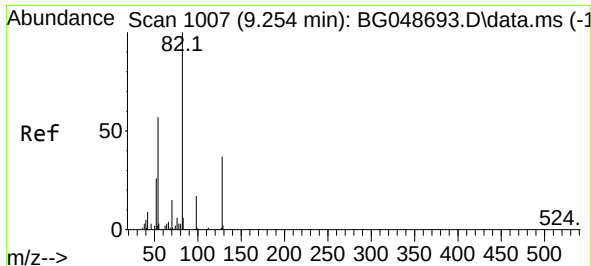
Tgt Ion: 70 Resp: 20521
Ion Ratio Lower Upper
70 100
42 51.8 54.5 81.7#
101 0.0 9.0 13.6#
130 2.5 17.0 25.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.888 min Scan# 1285
Delta R.T. -0.005 min
Lab File: BG048835.D
Acq: 22 Apr 2021 1:29

Tgt Ion: 136 Resp: 96769
Ion Ratio Lower Upper
136 100
137 11.5 8.2 12.2
54 5.9 5.5 8.3
68 4.9 2.3 3.5#

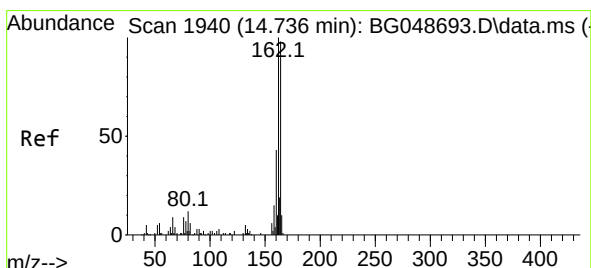
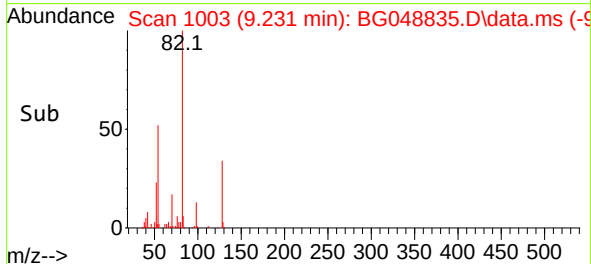
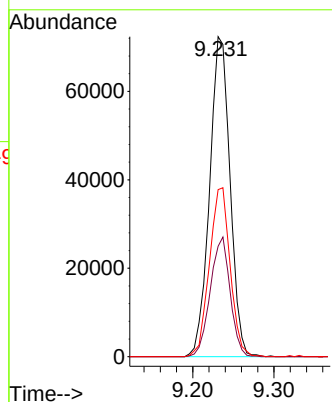
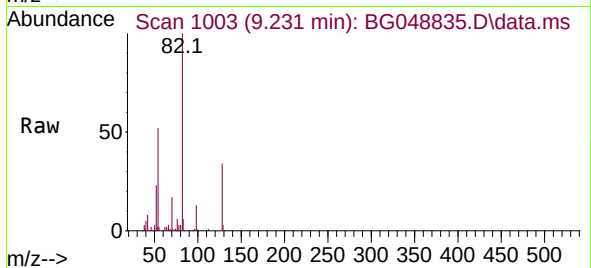




#23
Nitrobenzene-d5
Concen: 58.49 ng
RT: 9.231 min Scan# 1003
Delta R.T. -0.005 min
Lab File: BG048835.D
Acq: 22 Apr 2021 1:29

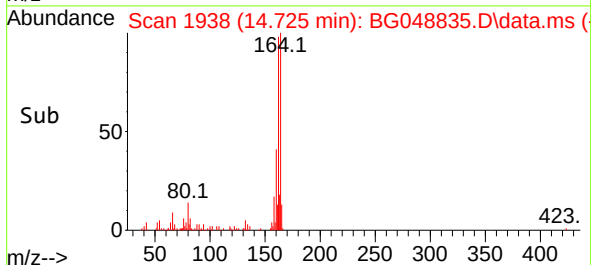
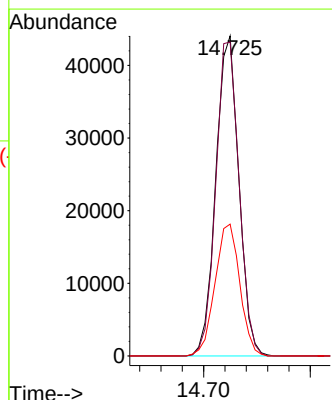
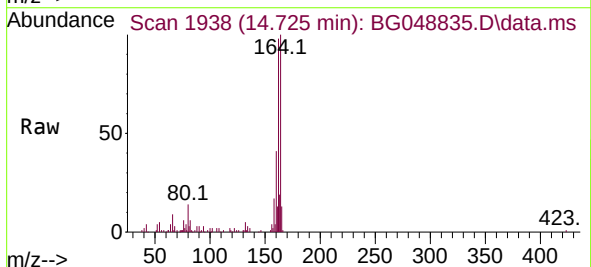
Instrument :
BNA_G
ClientSampleId :
130-SB-1

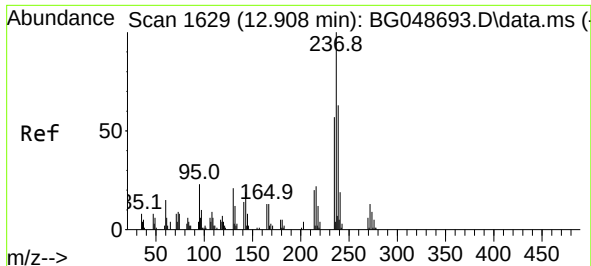
Tgt Ion:	82	Resp:	126433
Ion Ratio	Lower	Upper	
82	100		
128	34.5	29.8	44.6
54	52.2	45.8	68.8



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.725 min Scan# 1938
Delta R.T. 0.001 min
Lab File: BG048835.D
Acq: 22 Apr 2021 1:29

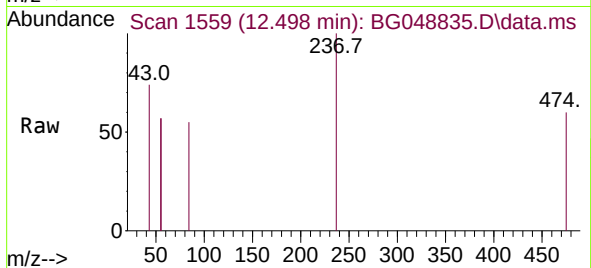
Tgt Ion:	164	Resp:	65968
Ion Ratio	Lower	Upper	
164	100		
162	98.1	81.4	122.0
160	41.2	34.9	52.3



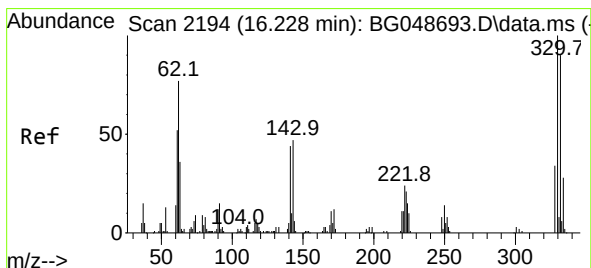
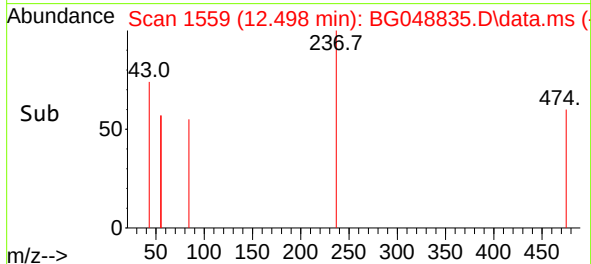
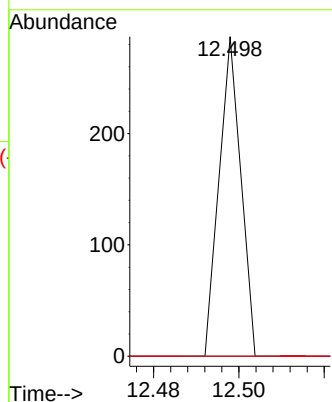


#41
Hexachlorocyclopentadiene
Concen: 5.94 ng
RT: 12.498 min Scan# 1559
Delta R.T. -0.393 min
Lab File: BG048835.D
Acq: 22 Apr 2021 1:29

Instrument :
BNA_G
ClientSampleId :
130-SB-1

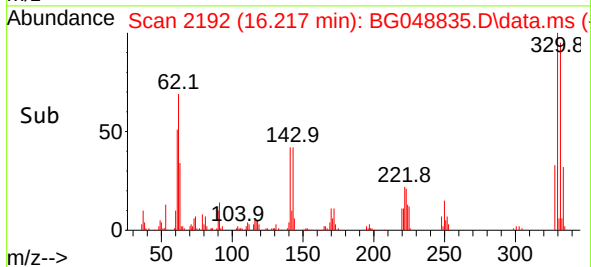
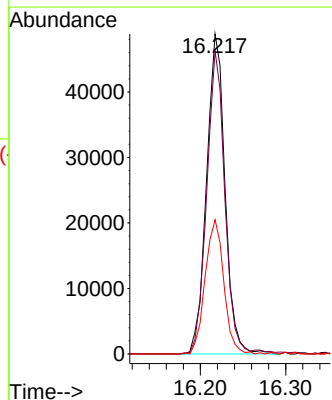
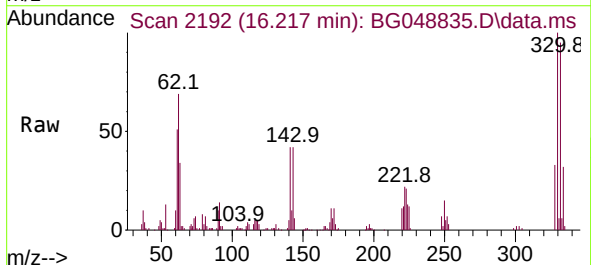


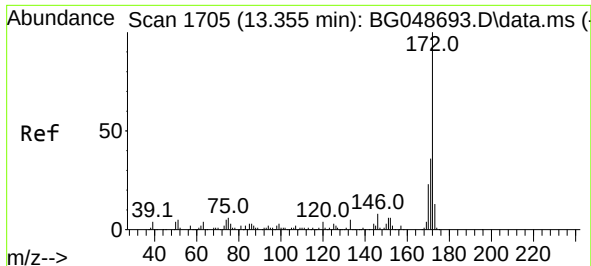
Tgt Ion:237 Resp: 101
Ion Ratio Lower Upper
237 100
235 0.0 36.6 76.6#
272 0.0 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 83.04 ng
RT: 16.217 min Scan# 2192
Delta R.T. 0.001 min
Lab File: BG048835.D
Acq: 22 Apr 2021 1:29

Tgt Ion:330 Resp: 73448
Ion Ratio Lower Upper
330 100
332 93.7 77.3 115.9
141 42.5 35.6 53.4

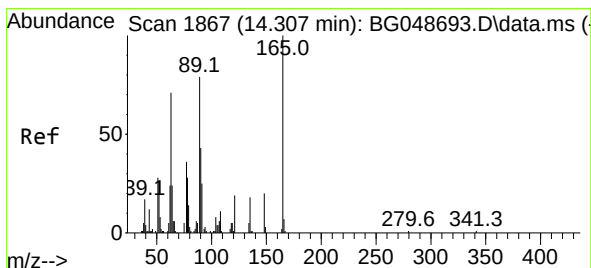
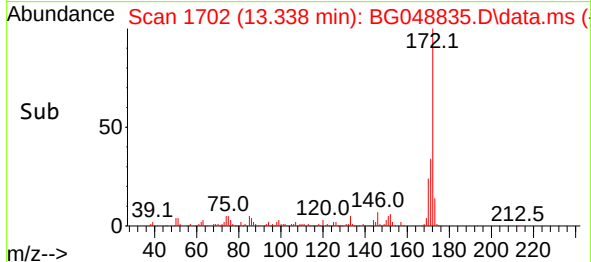
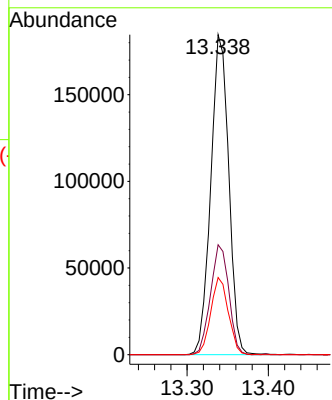
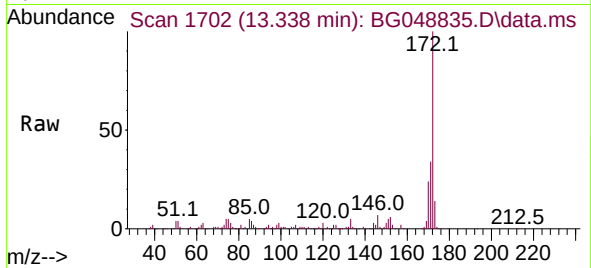




#45
2-Fluorobiphenyl
Concen: 62.03 ng
RT: 13.338 min Scan# 1702
Delta R.T. -0.005 min
Lab File: BG048835.D
Acq: 22 Apr 2021 1:29

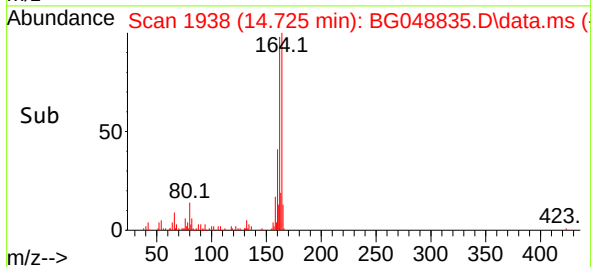
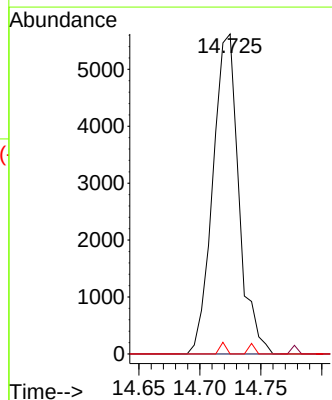
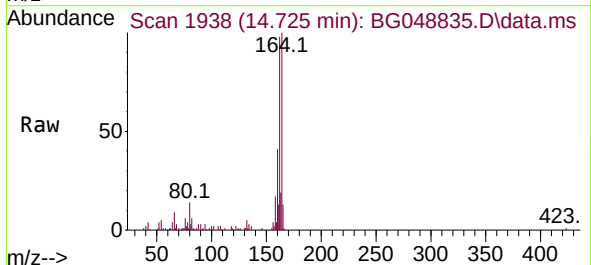
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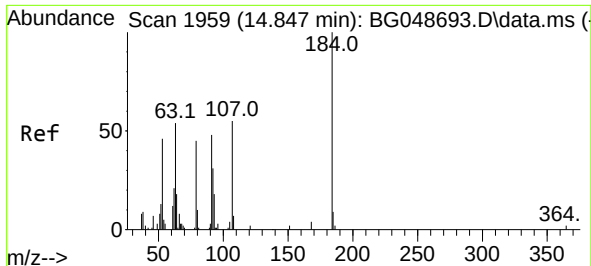
Tgt Ion:172 Resp: 283355
Ion Ratio Lower Upper
172 100
171 34.4 28.6 43.0
170 24.1 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 7.30 ng
RT: 14.725 min Scan# 1938
Delta R.T. 0.430 min
Lab File: BG048835.D
Acq: 22 Apr 2021 1:29

Tgt Ion:165 Resp: 8334
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#

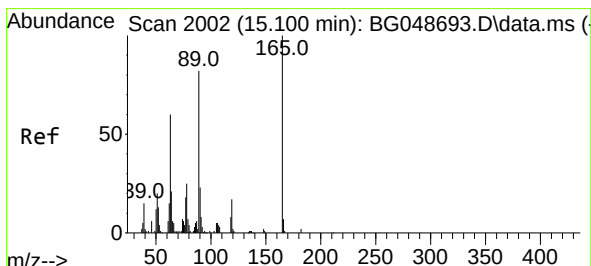
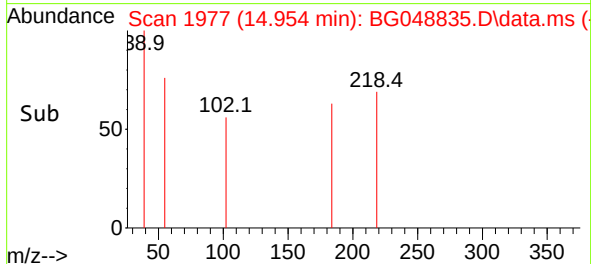
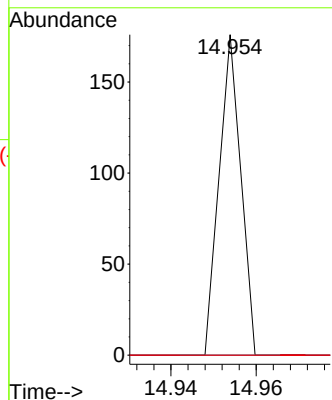
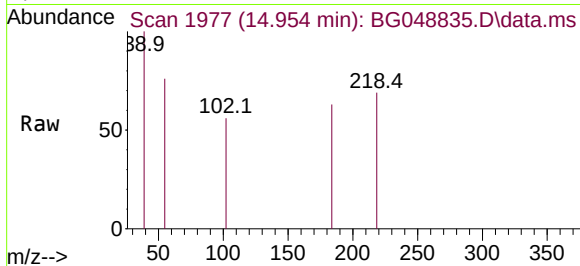




#54
2,4-Dinitrophenol
Concen: 5.37 ng
RT: 14.954 min Scan# 1977
Delta R.T. 0.118 min
Lab File: BG048835.D
Acq: 22 Apr 2021 1:29

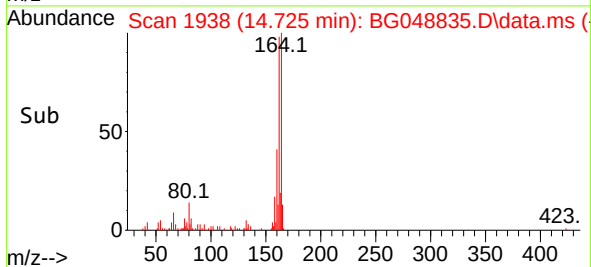
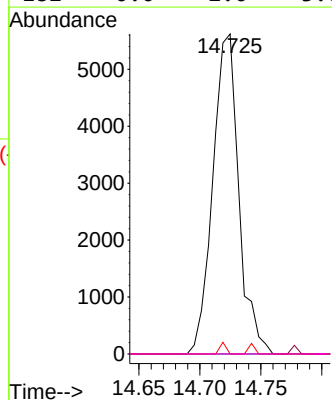
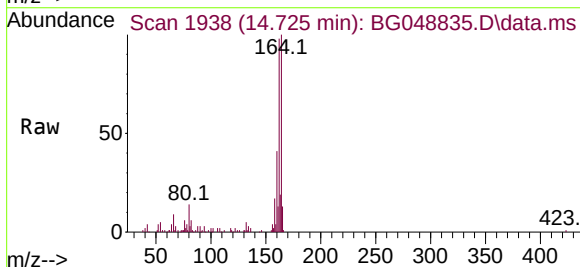
Instrument :
BNA_G
ClientSampleId :
130-SB-1

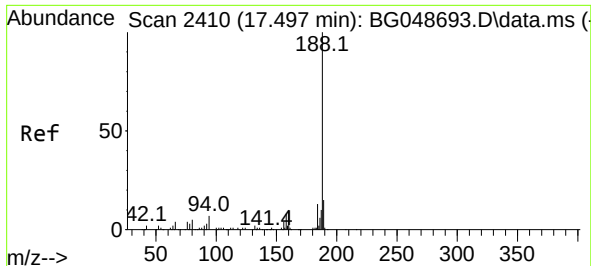
Tgt Ion:184 Resp: 62
Ion Ratio Lower Upper
184 100
63 0.0 68.3 102.5#
154 0.0 62.6 93.8#



#57
2,4-Dinitrotoluene
Concen: 5.03 ng
RT: 14.725 min Scan# 1938
Delta R.T. -0.358 min
Lab File: BG048835.D
Acq: 22 Apr 2021 1:29

Tgt Ion:165 Resp: 8334
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#

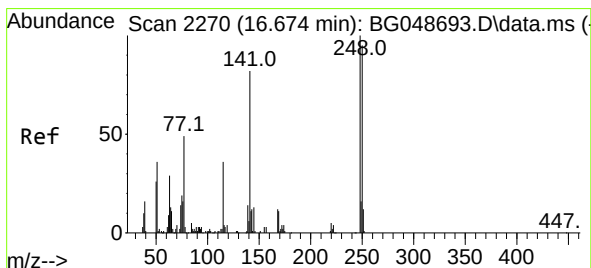
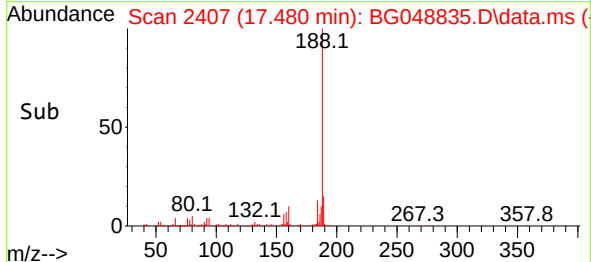
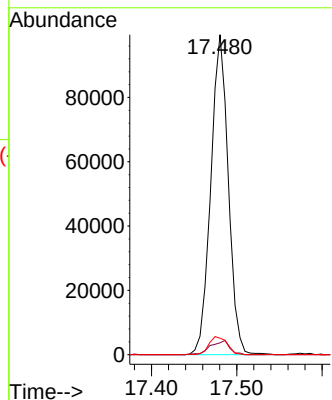
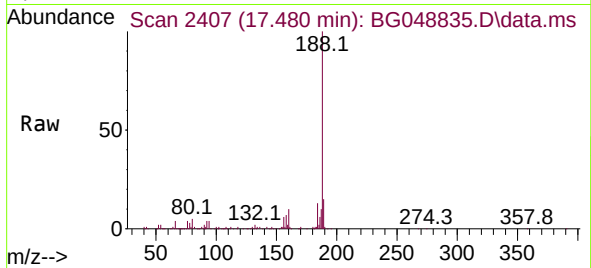




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.480 min Scan# 2407
Delta R.T. 0.001 min
Lab File: BG048835.D
Acq: 22 Apr 2021 1:29

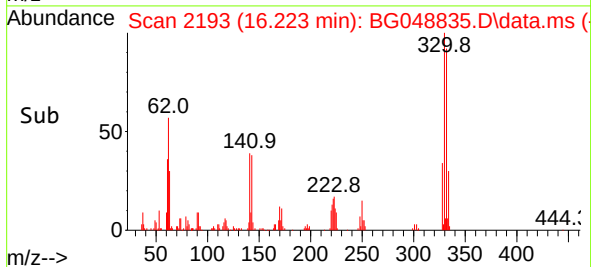
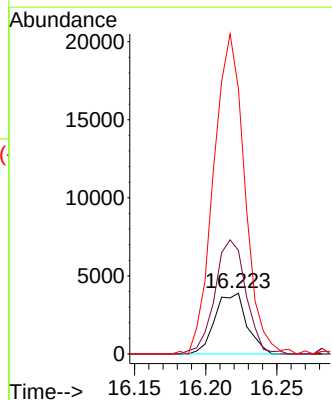
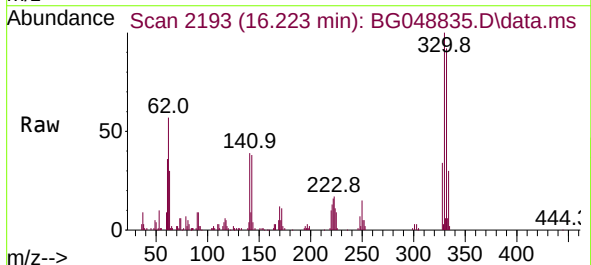
Instrument :
BNA_G
ClientSampleId :
130-SB-1

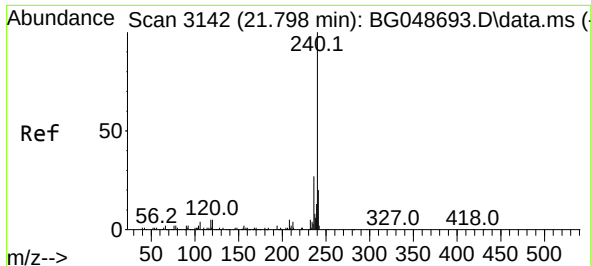
Tgt Ion:188 Resp: 141925
Ion Ratio Lower Upper
188 100
94 3.7 5.4 8.0#
80 5.2 3.7 5.5



#67
4-Bromophenyl-phenylether
Concen: 3.70 ng
RT: 16.223 min Scan# 2193
Delta R.T. -0.440 min
Lab File: BG048835.D
Acq: 22 Apr 2021 1:29

Tgt Ion:248 Resp: 6041
Ion Ratio Lower Upper
248 100
250 170.2 76.1 114.1#
141 435.9 65.4 98.2#

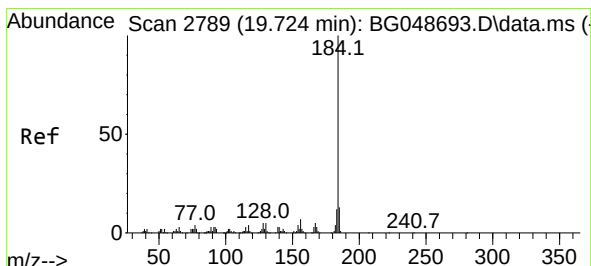
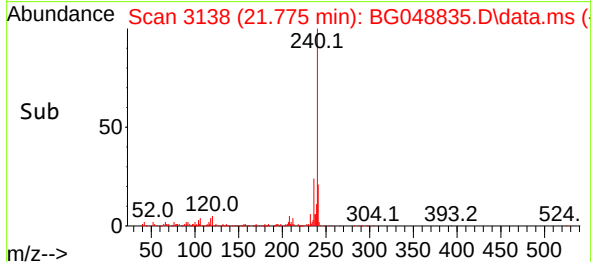
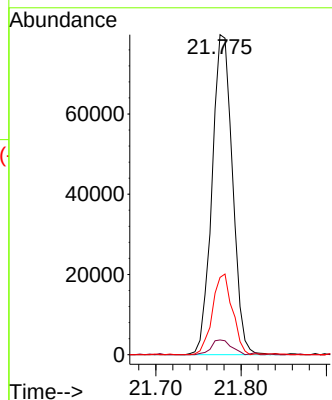
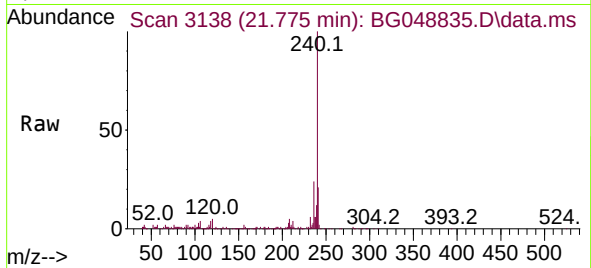




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.775 min Scan# 3138
Delta R.T. -0.005 min
Lab File: BG048835.D
Acq: 22 Apr 2021 1:29

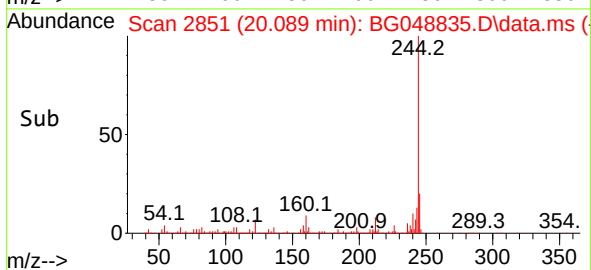
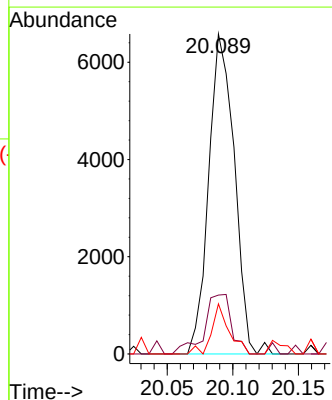
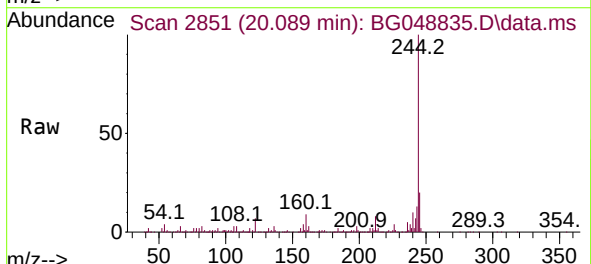
Instrument :
BNA_G
ClientSampleId :
130-SB-1

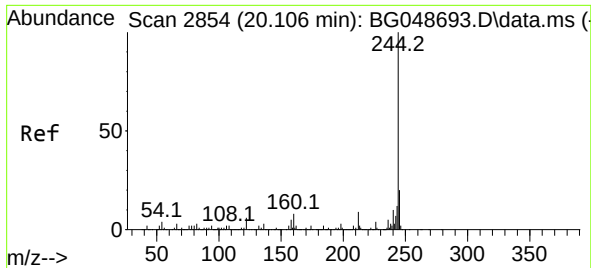
Tgt Ion:	240	Resp:	133235
Ion Ratio	Lower	Upper	
240	100		
120	4.6	4.2	6.2
236	24.1	21.8	32.6



#77
Benzidine
Concen: 2.47 ng
RT: 20.089 min Scan# 2851
Delta R.T. 0.377 min
Lab File: BG048835.D
Acq: 22 Apr 2021 1:29

Tgt Ion:	184	Resp:	8942
Ion Ratio	Lower	Upper	
184	100		
185	18.4	10.7	16.1#
183	15.6	9.4	14.0#

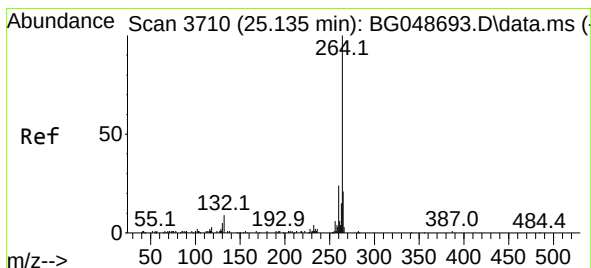
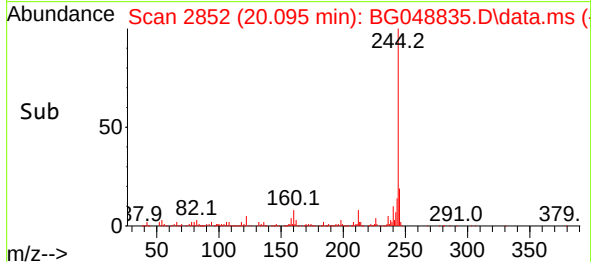
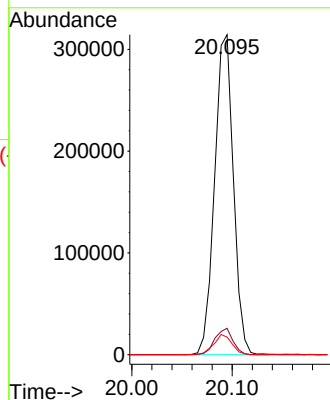
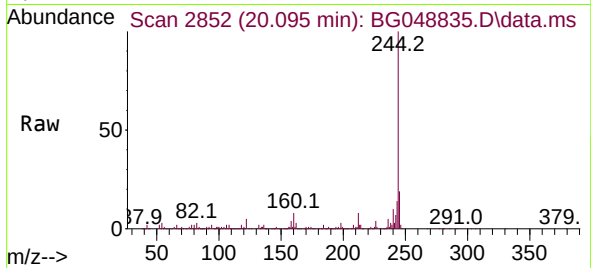




#79
 Terphenyl-d14
 Concen: 52.70 ng
 RT: 20.095 min Scan# 2852
 Delta R.T. 0.001 min
 Lab File: BG048835.D
 Acq: 22 Apr 2021 1:29

Instrument :
 BNA_G
 ClientSampleId :
 130-SB-1

Tgt Ion:244	Resp:	407945
Ion Ratio	Lower	Upper
244	100	
212	8.3	6.9 10.3
122	5.5	5.0 7.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.113 min Scan# 3706
 Delta R.T. 0.001 min
 Lab File: BG048835.D
 Acq: 22 Apr 2021 1:29

Tgt Ion:264	Resp:	134142
Ion Ratio	Lower	Upper
264	100	
260	23.2	19.4 29.2
265	20.3	16.9 25.3

