

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041921\
 Data File : BG048787.D
 Acq On : 20 Apr 2021 7:06
 Operator : CG/JU
 Sample : M2076-07
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-15-0-2.0

Quant Time: Apr 20 08:02:25 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 16 15:59:00 2021
 Response via : Initial Calibration

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

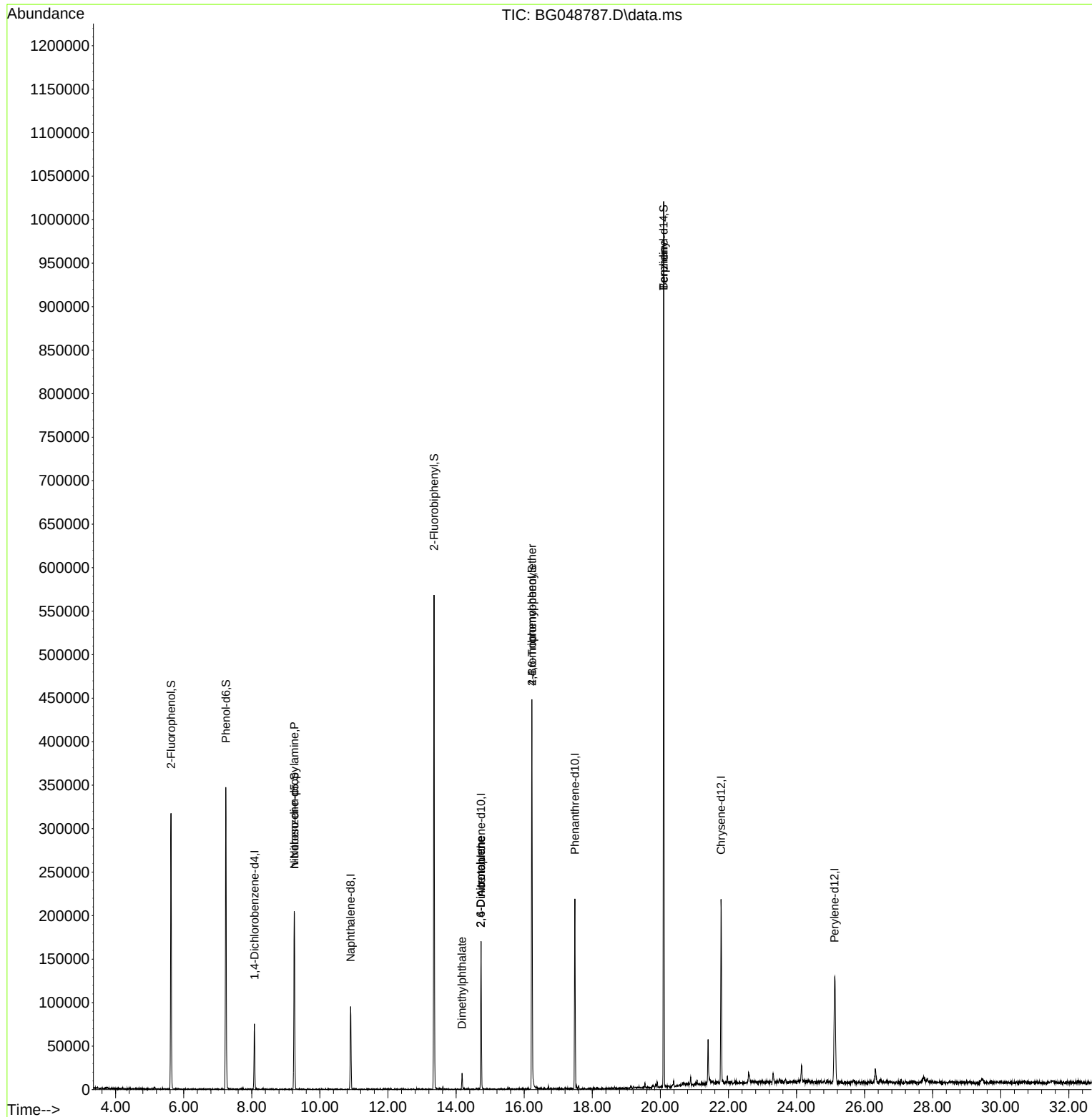
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.076	152	18861	20.00	ng	# 0.00
21) Naphthalene-d8	10.902	136	76145	20.00	ng	0.00
39) Acenaphthene-d10	14.733	164	57428	20.00	ng	0.00
64) Phenanthrene-d10	17.489	188	136530	20.00	ng	# 0.00
76) Chrysene-d12	21.784	240	128236	20.00	ng	-0.02
86) Perylene-d12	25.115	264	127473	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.626	112	119737	106.18	ng	0.00
7) Phenol-d6	7.236	99	159596	100.05	ng	0.00
23) Nitrobenzene-d5	9.251	82	122428	71.98	ng	0.00
42) 2,4,6-Tribromophenol	16.232	330	74446	96.68	ng	0.00
45) 2-Fluorobiphenyl	13.352	172	273113	68.68	ng	0.00
79) Terphenyl-d14	20.098	244	460756	61.84	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.251	70	19864	18.46	ng	# 73
50) Dimethylphthalate	14.175	163	11257	2.61	ng	# 97
51) 2,6-Dinitrotoluene	14.727	165	8105	8.16	ng	# 10
57) 2,4-Dinitrotoluene	14.727	165	8105	5.62	ng	# 15
67) 4-Bromophenyl-phenylether	16.232	248	5458	3.47	ng	# 1
77) Benzidine	20.098	184	10023	2.88	ng	# 81

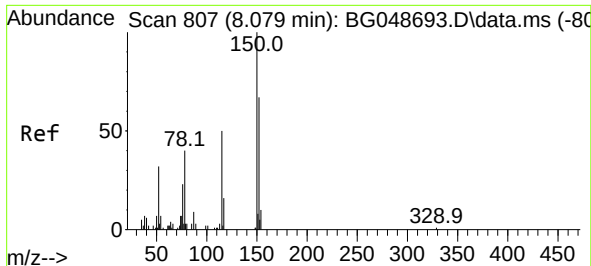
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041921\
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Sample : M2076-07
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-15-0-2.0

Quant Time: Apr 20 08:02:25 2021
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 16 15:59:00 2021
Response via : Initial Calibration

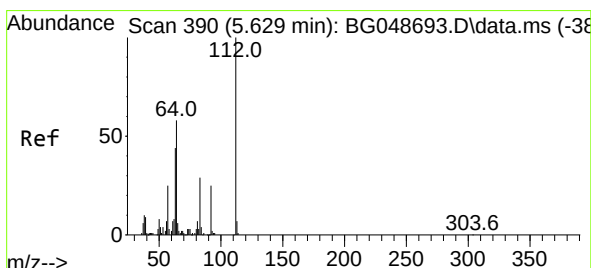
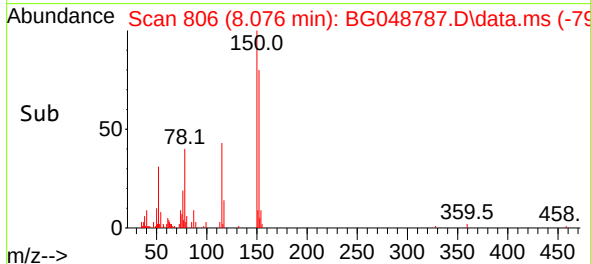
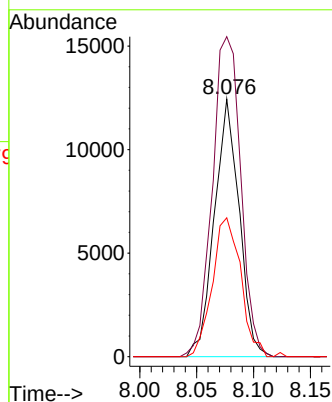
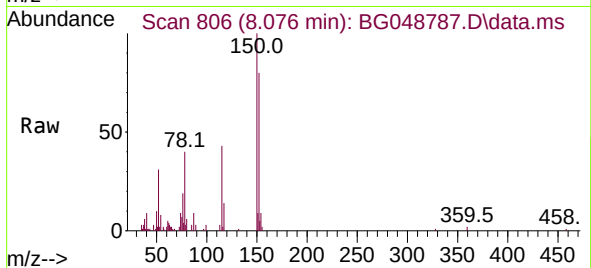




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.076 min Scan# 806
Delta R.T. -0.004 min
Lab File: BG048787.D
Acq: 20 Apr 2021 7:06

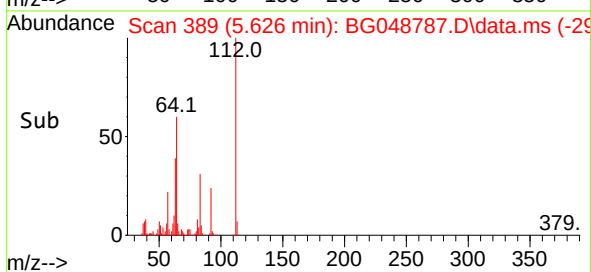
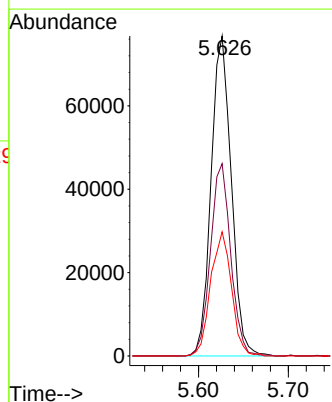
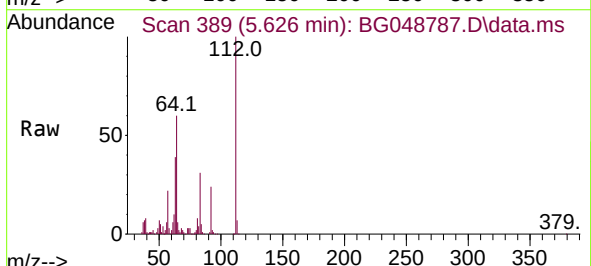
Instrument :
BNA_G
ClientSampleId :
SB-15-0-2.0

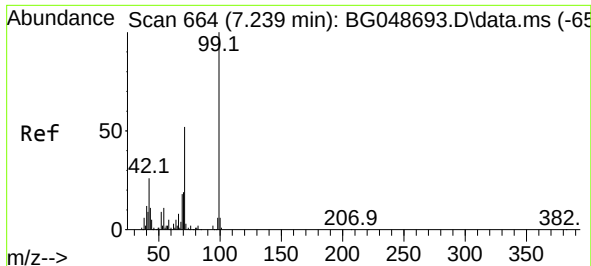
Tgt Ion:152 Resp: 18861
Ion Ratio Lower Upper
152 100
150 124.2 119.4 179.0
115 53.9 60.2 90.4#



#5
2-Fluorophenol
Concen: 106.18 ng
RT: 5.626 min Scan# 389
Delta R.T. -0.004 min
Lab File: BG048787.D
Acq: 20 Apr 2021 7:06

Tgt Ion:112 Resp: 119737
Ion Ratio Lower Upper
112 100
64 60.1 46.7 70.1
63 38.8 35.3 52.9

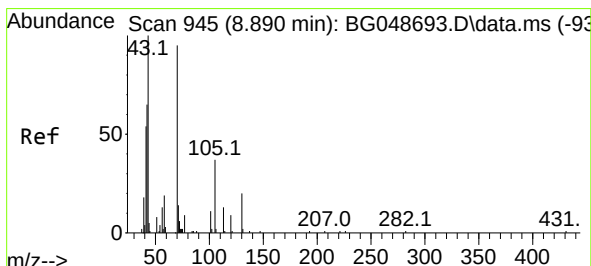
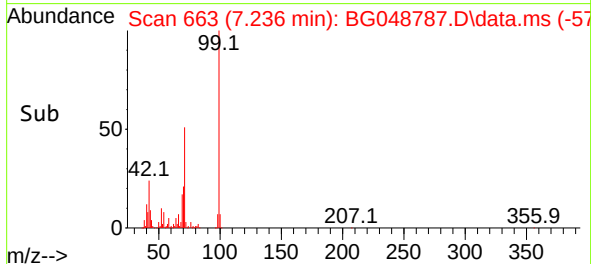
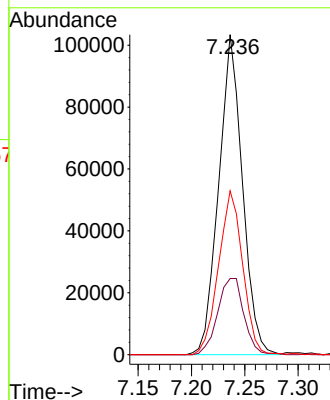
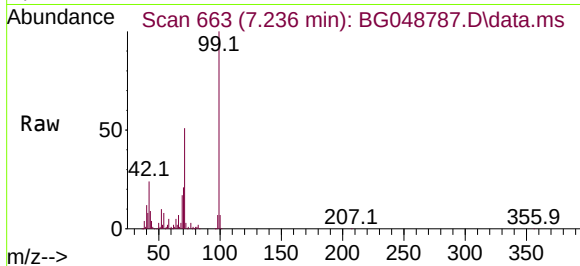




#7
Phenol-d6
Concen: 100.05 ng
RT: 7.236 min Scan# 663
Delta R.T. -0.004 min
Lab File: BG048787.D
Acq: 20 Apr 2021 7:06

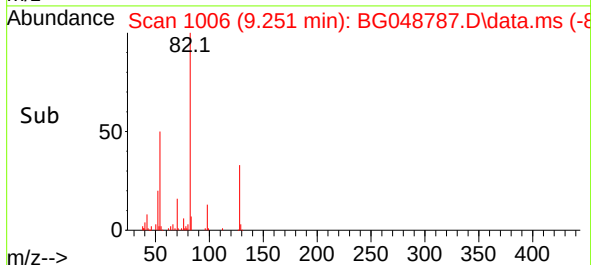
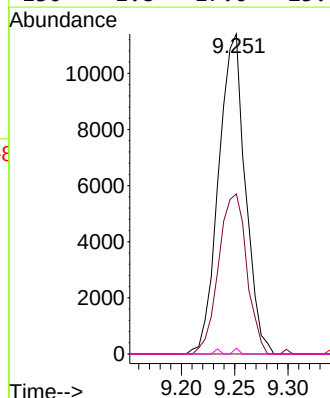
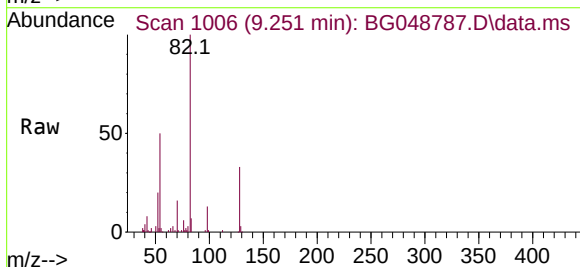
Instrument :
BNA_G
ClientSampleId :
SB-15-0-2.0

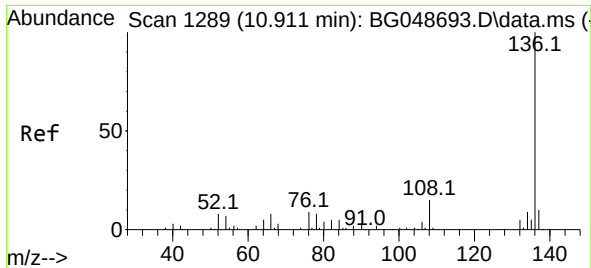
Tgt Ion: 99 Resp: 159596
Ion Ratio Lower Upper
99 100
42 23.8 20.5 30.7
71 51.2 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.46 ng
RT: 9.251 min Scan# 1006
Delta R.T. 0.361 min
Lab File: BG048787.D
Acq: 20 Apr 2021 7:06

Tgt Ion: 70 Resp: 19864
Ion Ratio Lower Upper
70 100
42 50.0 54.5 81.7#
101 0.0 9.0 13.6#
130 1.8 17.0 25.6#

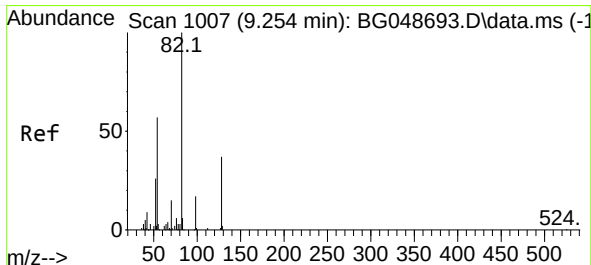
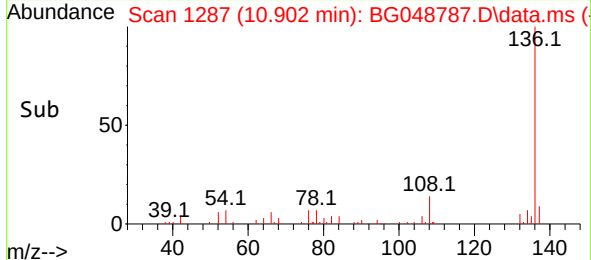
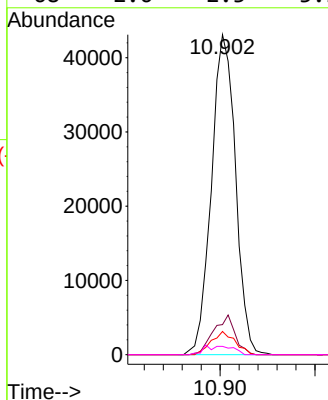
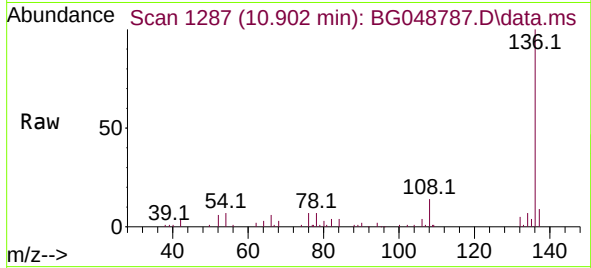




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.902 min Scan# 1287
Delta R.T. -0.009 min
Lab File: BG048787.D
Acq: 20 Apr 2021 7:06

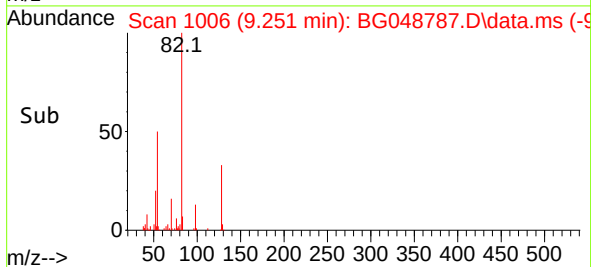
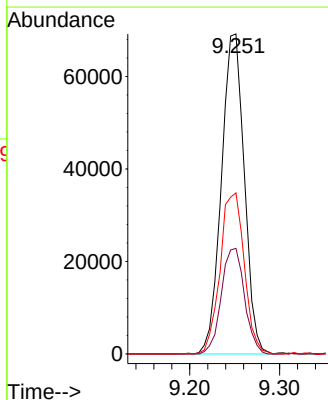
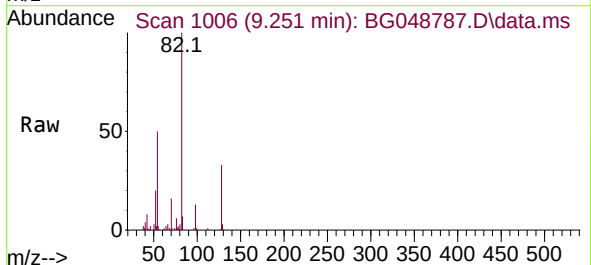
Instrument :
BNA_G
ClientSampleId :
SB-15-0-2.0

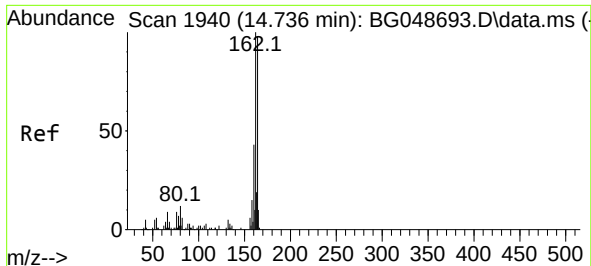
Tgt Ion:136	Resp:	76145
Ion Ratio	Lower	Upper
136	100	
137	9.4	8.2 12.2
54	7.2	5.5 8.3
68	2.6	2.3 3.5



#23
Nitrobenzene-d5
Concen: 71.98 ng
RT: 9.251 min Scan# 1006
Delta R.T. -0.004 min
Lab File: BG048787.D
Acq: 20 Apr 2021 7:06

Tgt Ion: 82	Resp:	122428
Ion Ratio	Lower	Upper
82	100	
128	33.0	29.8 44.6
54	50.3	45.8 68.8

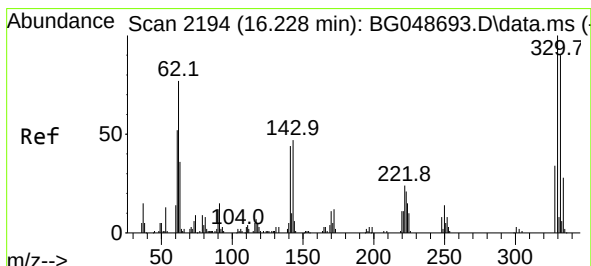
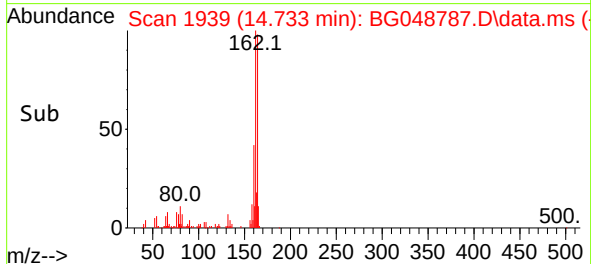
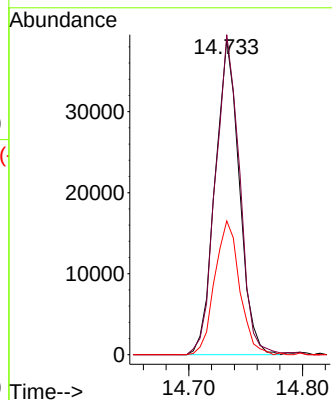
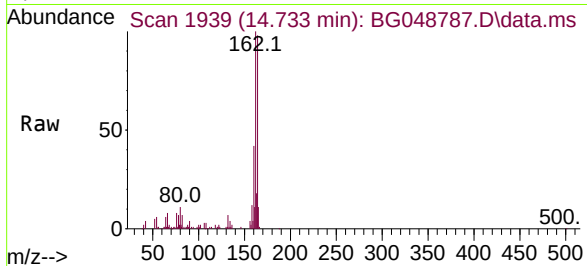




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.733 min Scan# 1939
Delta R.T. -0.009 min
Lab File: BG048787.D
Acq: 20 Apr 2021 7:06

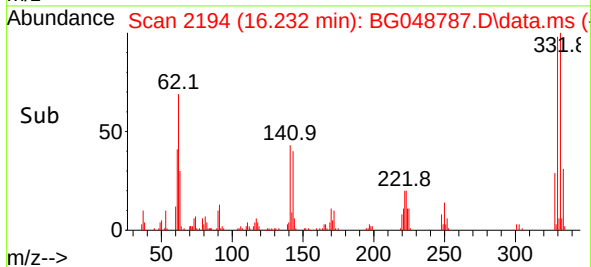
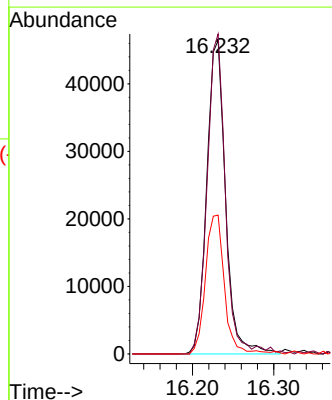
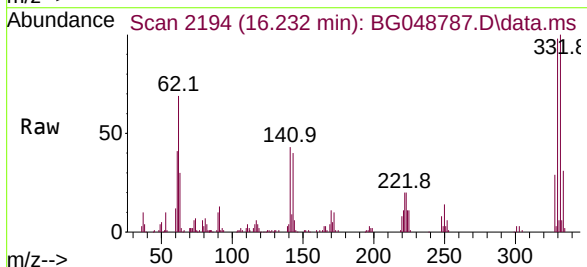
Instrument :
BNA_G
ClientSampleId :
SB-15-0-2.0

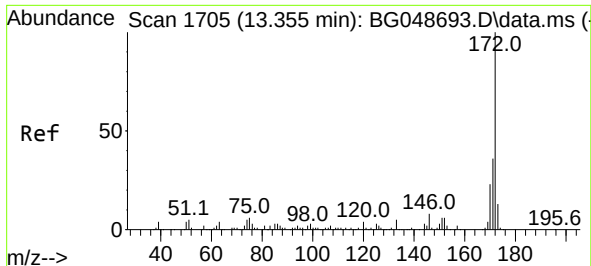
Tgt Ion:164 Resp: 57428
Ion Ratio Lower Upper
164 100
162 101.6 81.4 122.0
160 42.5 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 96.68 ng
RT: 16.232 min Scan# 2194
Delta R.T. -0.004 min
Lab File: BG048787.D
Acq: 20 Apr 2021 7:06

Tgt Ion:330 Resp: 74446
Ion Ratio Lower Upper
330 100
332 99.2 77.3 115.9
141 44.9 35.6 53.4

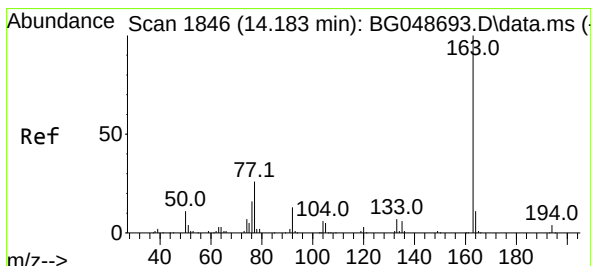
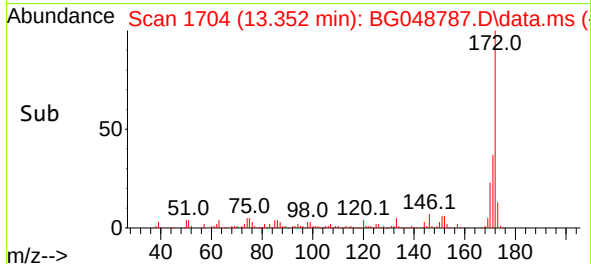
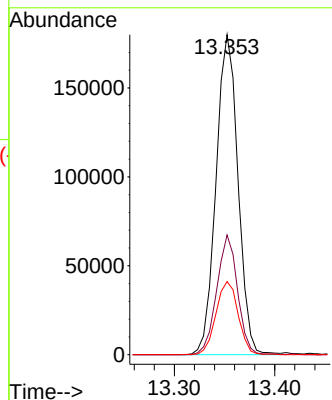
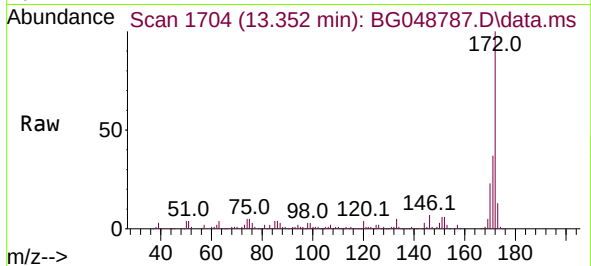




#45
2-Fluorobiphenyl
Concen: 68.68 ng
RT: 13.352 min Scan# 1704
Delta R.T. -0.004 min
Lab File: BG048787.D
Acq: 20 Apr 2021 7:06

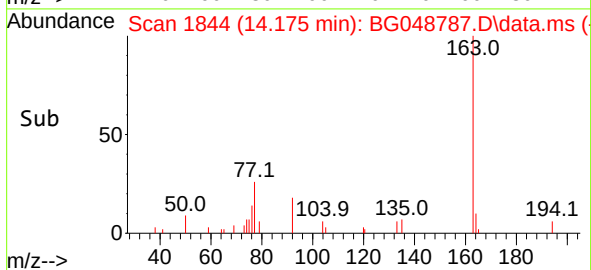
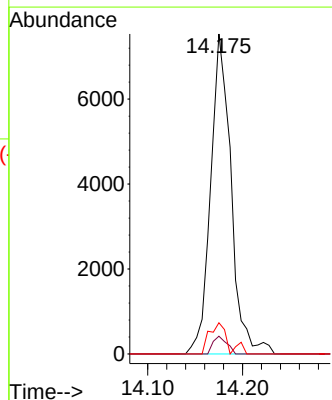
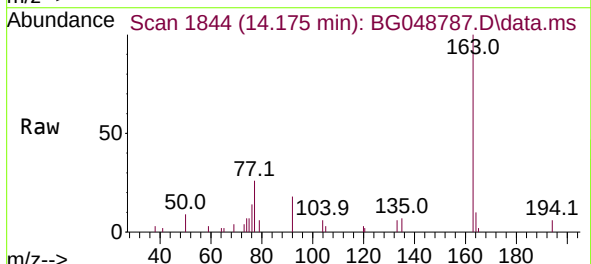
Instrument :
BNA_G
ClientSampleId :
SB-15-0-2.0

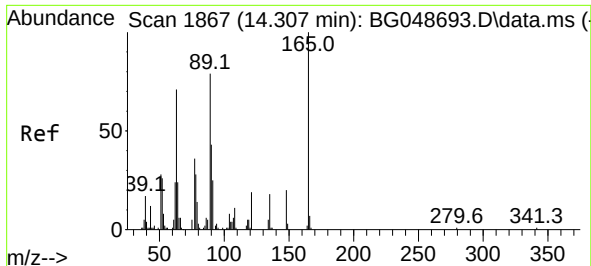
Tgt Ion:172 Resp: 273113
Ion Ratio Lower Upper
172 100
171 37.4 28.6 43.0
170 22.8 18.6 27.8



#50
Dimethylphthalate
Concen: 2.61 ng
RT: 14.175 min Scan# 1844
Delta R.T. -0.010 min
Lab File: BG048787.D
Acq: 20 Apr 2021 7:06

Tgt Ion:163 Resp: 11257
Ion Ratio Lower Upper
163 100
194 5.6 3.0 4.6#
164 9.8 8.6 12.8

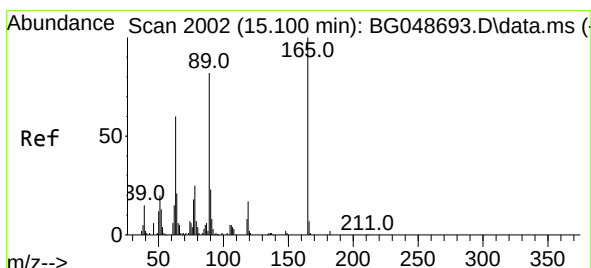
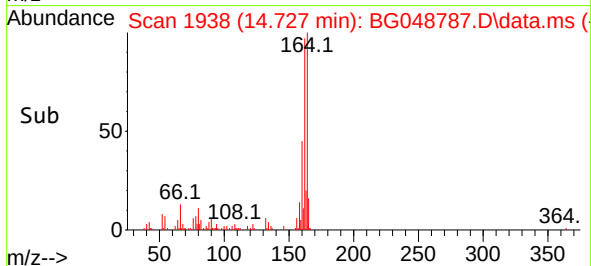
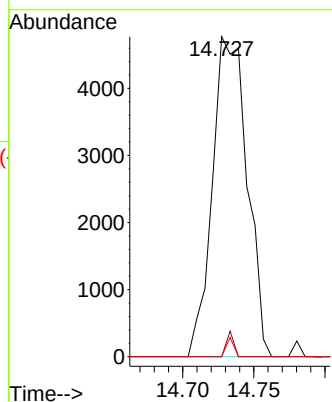
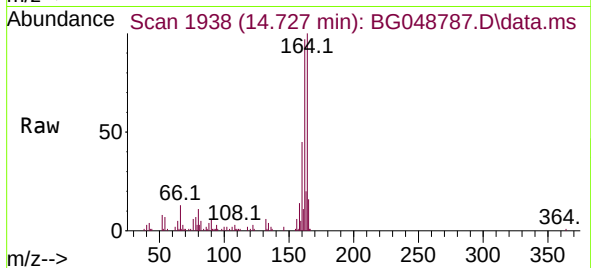




#51
2,6-Dinitrotoluene
Concen: 8.16 ng
RT: 14.727 min Scan# 1938
Delta R.T. 0.414 min
Lab File: BG048787.D
Acq: 20 Apr 2021 7:06

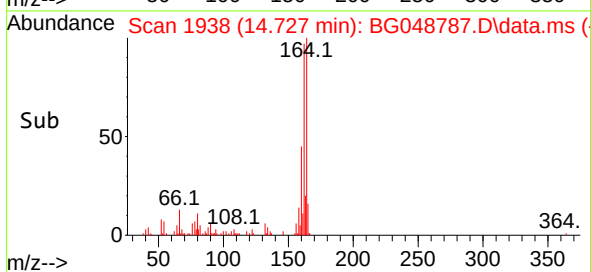
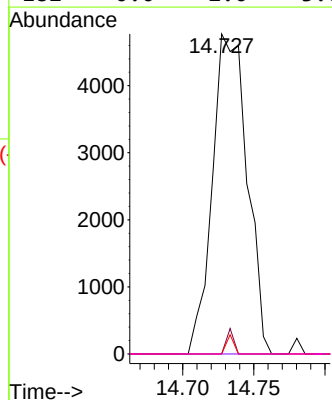
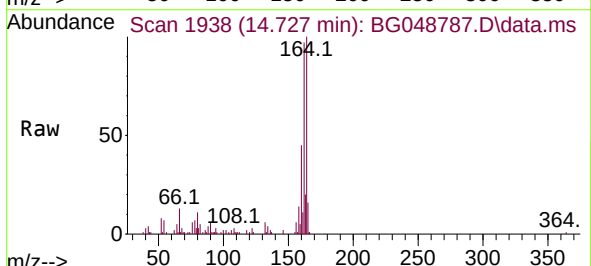
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BNA_G
ClientSampleId :
SB-15-0-2.0

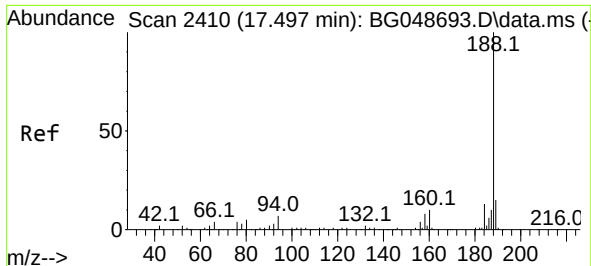
Tgt Ion:165 Resp: 8105
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 5.62 ng
RT: 14.727 min Scan# 1938
Delta R.T. -0.374 min
Lab File: BG048787.D
Acq: 20 Apr 2021 7:06

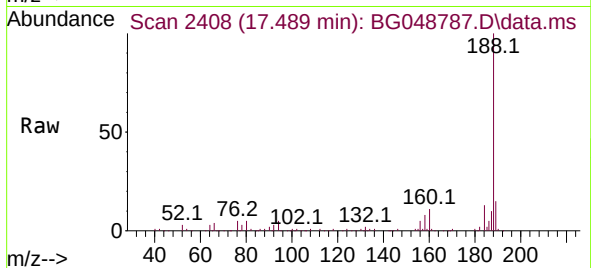
Tgt Ion:165 Resp: 8105
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#



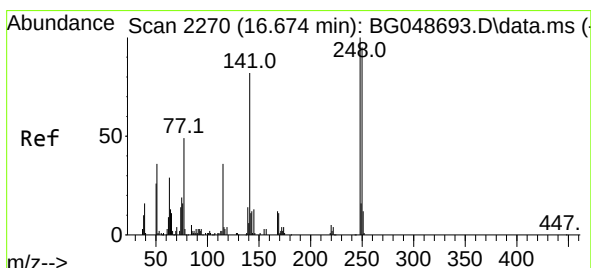
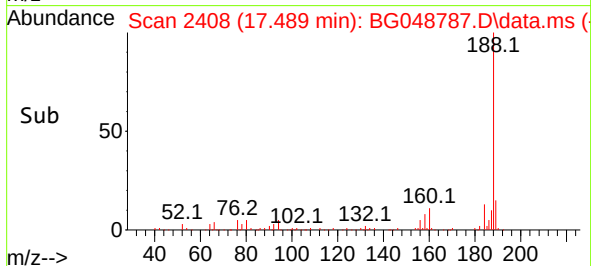
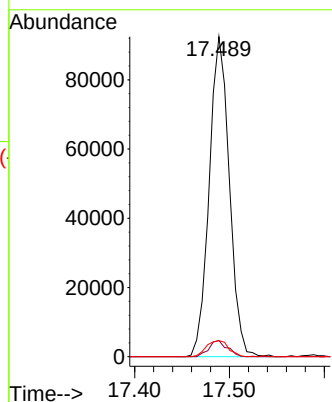


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.489 min Scan# 2408
Delta R.T. -0.010 min
Lab File: BG048787.D
Acq: 20 Apr 2021 7:06

Instrument :
BNA_G
ClientSampled :
SB-15-0-2.0

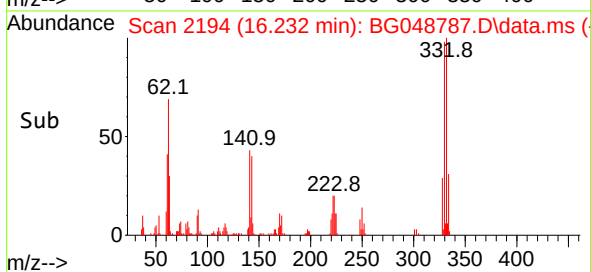
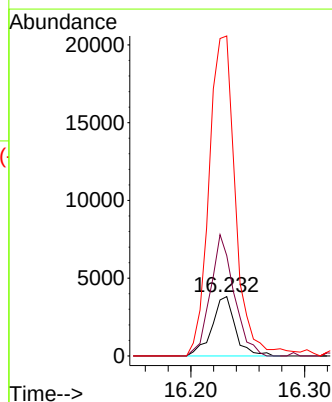
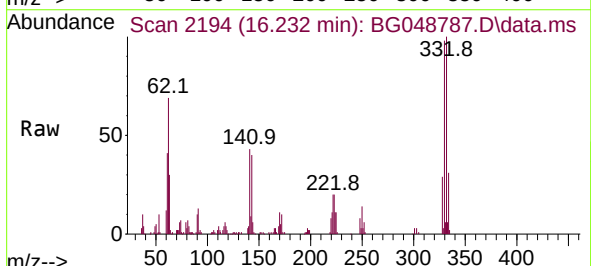


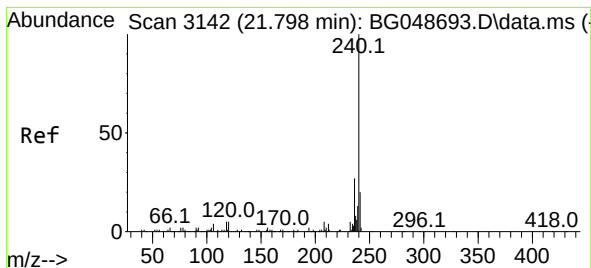
Tgt Ion:188 Resp: 136530
Ion Ratio Lower Upper
188 100
94 5.0 5.4 8.0#
80 5.0 3.7 5.5



#67
4-Bromophenyl-phenylether
Concen: 3.47 ng
RT: 16.232 min Scan# 2194
Delta R.T. -0.444 min
Lab File: BG048787.D
Acq: 20 Apr 2021 7:06

Tgt Ion:248 Resp: 5458
Ion Ratio Lower Upper
248 100
250 169.2 76.1 114.1#
141 539.5 65.4 98.2#

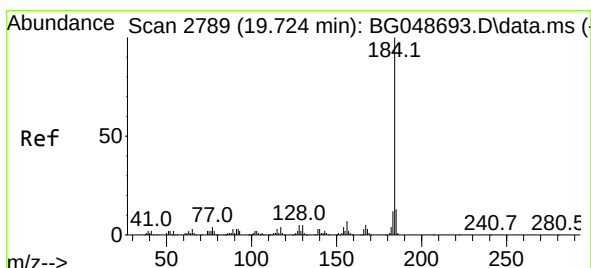
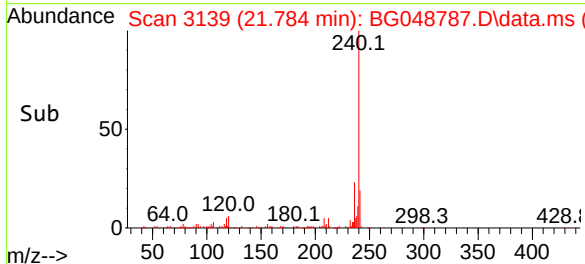
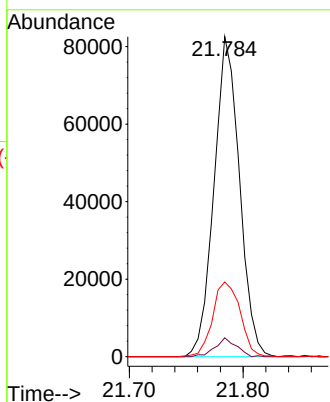
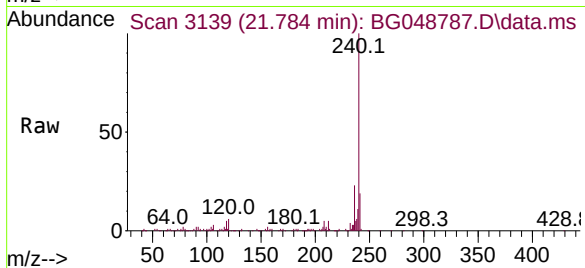




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.784 min Scan# 3139
Delta R.T. -0.015 min
Lab File: BG048787.D
Acq: 20 Apr 2021 7:06

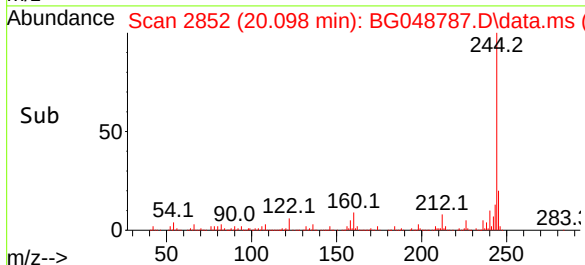
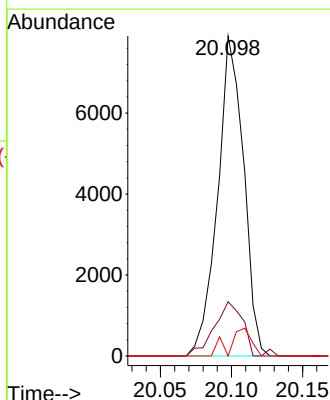
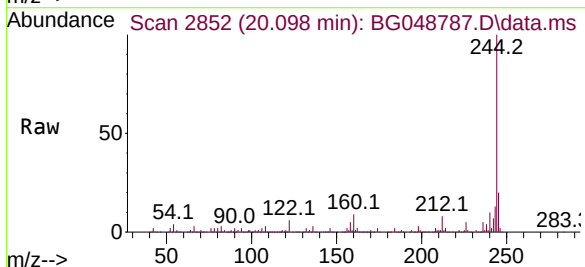
Instrument :
BNA_G
ClientSampleId :
SB-15-0-2.0

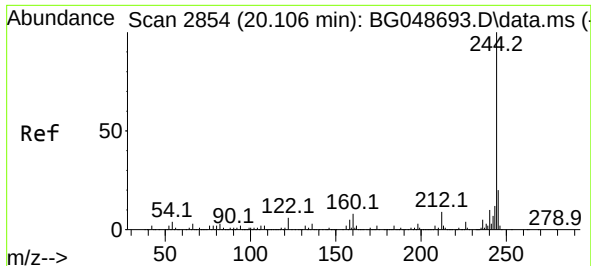
Tgt Ion:240 Resp: 128236
Ion Ratio Lower Upper
240 100
120 5.9 4.2 6.2
236 23.3 21.8 32.6



#77
Benzidine
Concen: 2.88 ng
RT: 20.098 min Scan# 2852
Delta R.T. 0.367 min
Lab File: BG048787.D
Acq: 20 Apr 2021 7:06

Tgt Ion:184 Resp: 10023
Ion Ratio Lower Upper
184 100
185 16.9 10.7 16.1#
183 0.0 9.4 14.0#

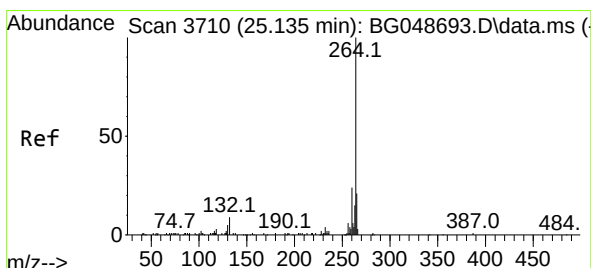
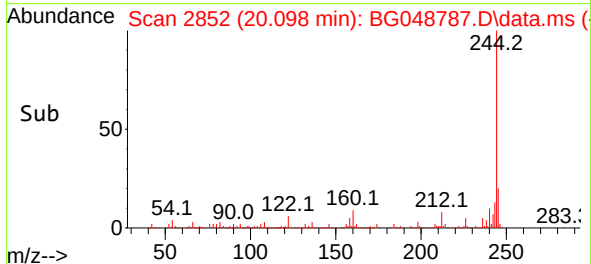
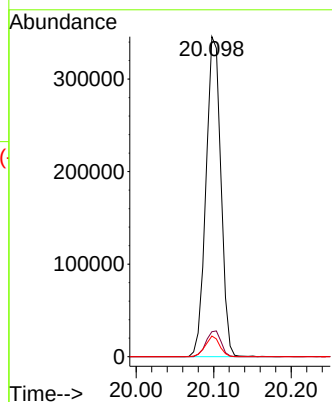
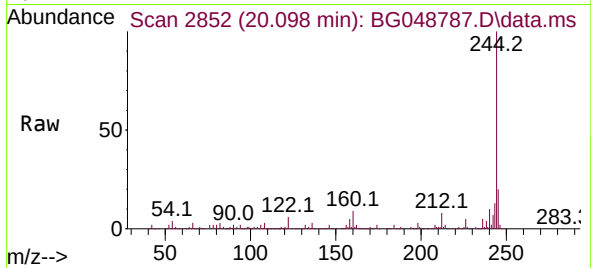




#79
 Terphenyl-d14
 Concen: 61.84 ng
 RT: 20.098 min Scan# 2852
 Delta R.T. -0.010 min
 Lab File: BG048787.D
 Acq: 20 Apr 2021 7:06

Instrument :
 BNA_G
 ClientSampleId :
 SB-15-0-2.0

Tgt Ion:244 Resp: 460756
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.9 10.3
 122 6.5 5.0 7.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.115 min Scan# 3706
 Delta R.T. -0.027 min
 Lab File: BG048787.D
 Acq: 20 Apr 2021 7:06

Tgt Ion:264 Resp: 127473
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.4 29.2
 265 18.1 16.9 25.3

