

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041621\
 Data File : BG048734.D
 Acq On : 16 Apr 2021 21:28
 Operator : CG/JU
 Sample : M2041-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S-2B

Quant Time: Apr 17 04:20:48 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)

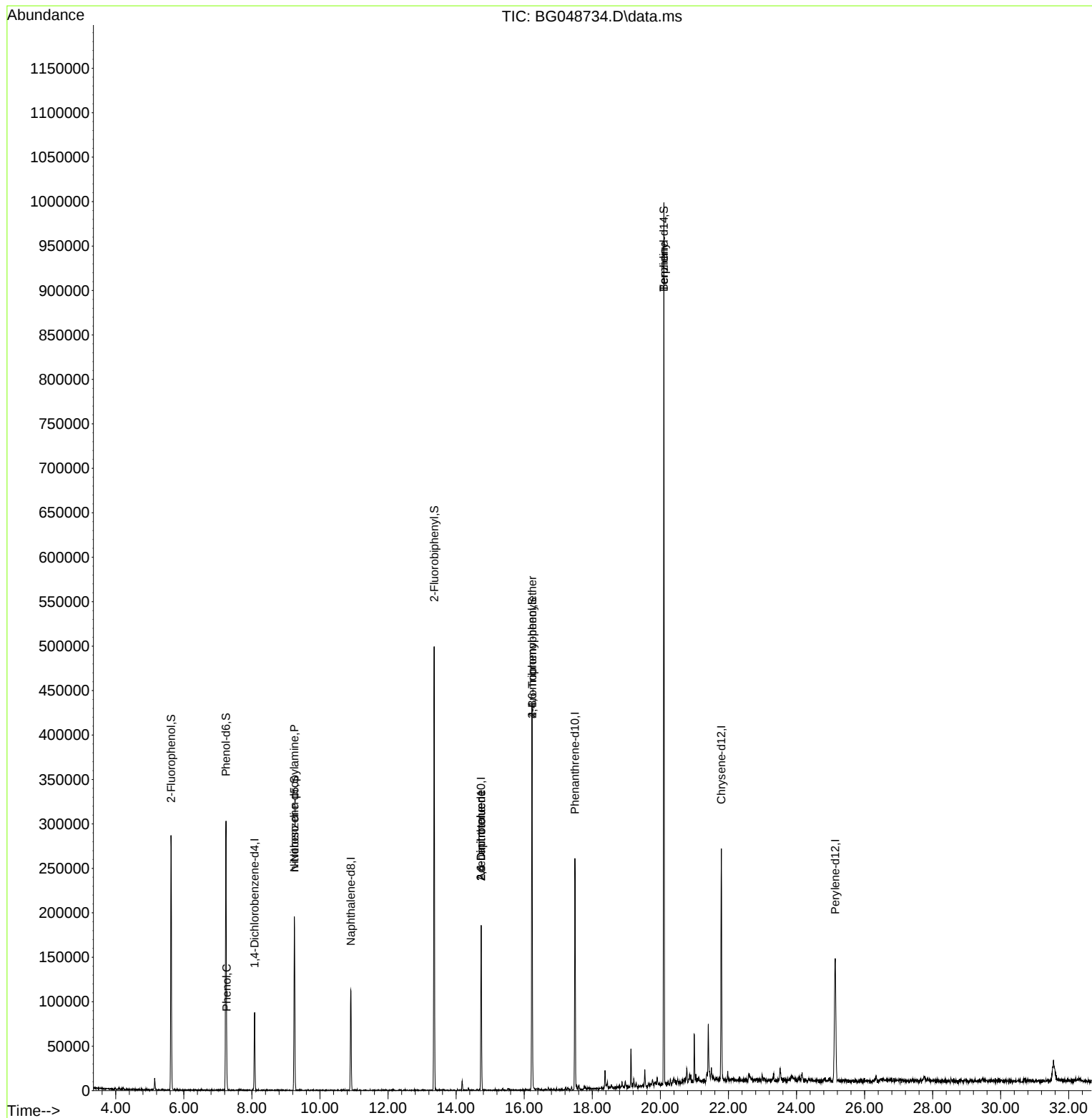
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.079	152	20046	20.00	ng	0.00
21) Naphthalene-d8	10.905	136	90217	20.00	ng	0.00
39) Acenaphthene-d10	14.736	164	62272	20.00	ng	0.00
64) Phenanthrene-d10	17.491	188	156904	20.00	ng	# 0.00
76) Chrysene-d12	21.792	240	152327	20.00	ng	# 0.00
86) Perylene-d12	25.135	264	151104	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.629	112	108286	90.35	ng	0.00
7) Phenol-d6	7.239	99	144134	85.02	ng	0.00
23) Nitrobenzene-d5	9.248	82	110771	54.97	ng	0.00
42) 2,4,6-Tribromophenol	16.234	330	67976	81.41	ng	0.00
45) 2-Fluorobiphenyl	13.355	172	237977	55.19	ng	0.00
79) Terphenyl-d14	20.106	244	432053	48.82	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.262	94	5614	3.37	ng	# 79
19) n-Nitroso-di-n-propyla...	9.248	70	16996	14.86	ng	# 71
51) 2,6-Dinitrotoluene	14.736	165	8223	7.63	ng	# 10
57) 2,4-Dinitrotoluene	14.736	165	8223	5.25	ng	# 15
67) 4-Bromophenyl-phenylether	16.234	248	5284	2.93	ng	# 1
77) Benzidine	20.106	184	9512	2.30	ng	# 87

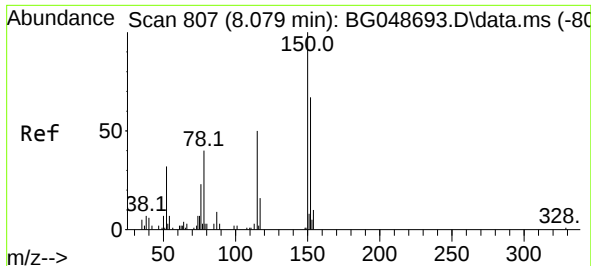
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

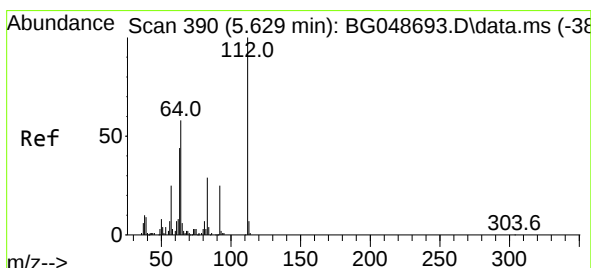
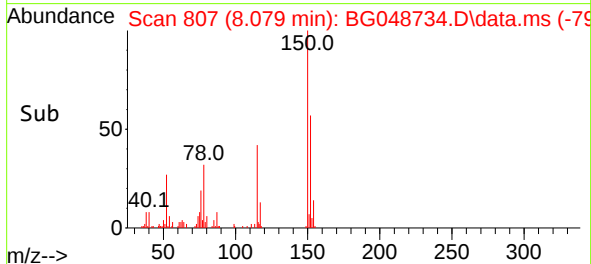
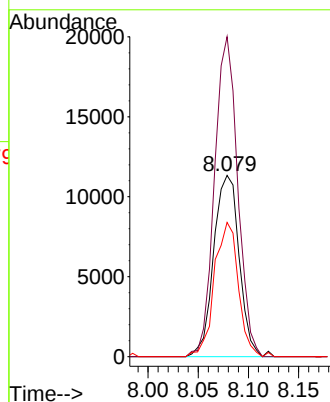
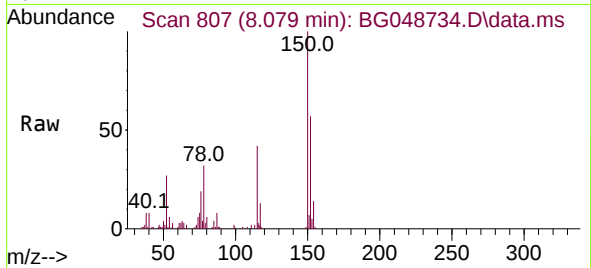




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.079 min Scan# 807
Delta R.T. -0.001 min
Lab File: BG048734.D
Acq: 16 Apr 2021 21:28

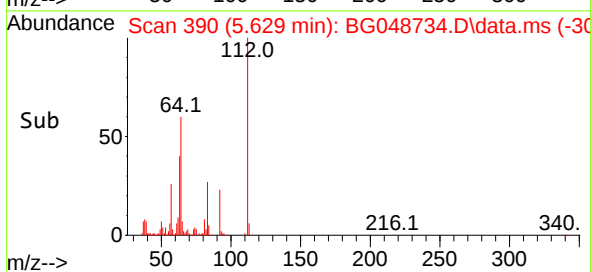
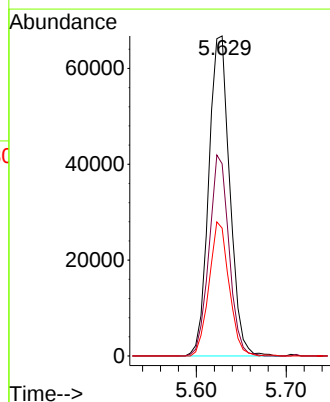
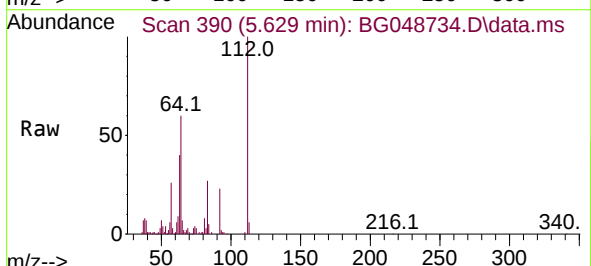
Instrument :
BNA_G
ClientSampled :
S-2B

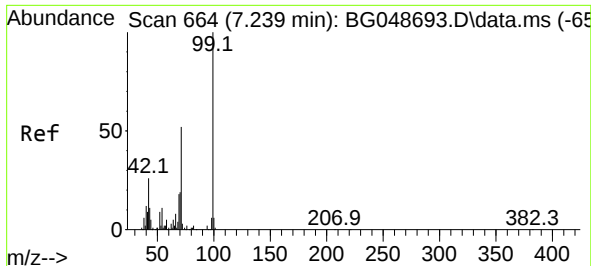
Tgt Ion:152 Resp: 20046
Ion Ratio Lower Upper
152 100
150 176.6 119.4 179.0
115 79.8 60.2 90.4



#5
2-Fluorophenol
Concen: 90.35 ng
RT: 5.629 min Scan# 390
Delta R.T. -0.001 min
Lab File: BG048734.D
Acq: 16 Apr 2021 21:28

Tgt Ion:112 Resp: 108286
Ion Ratio Lower Upper
112 100
64 60.0 46.7 70.1
63 40.0 35.3 52.9

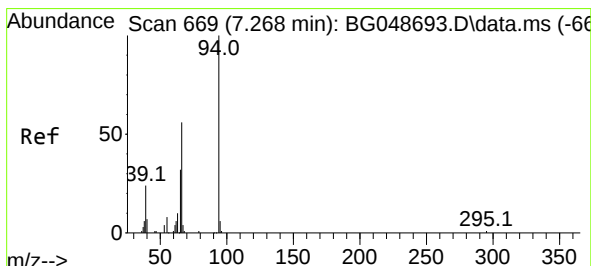
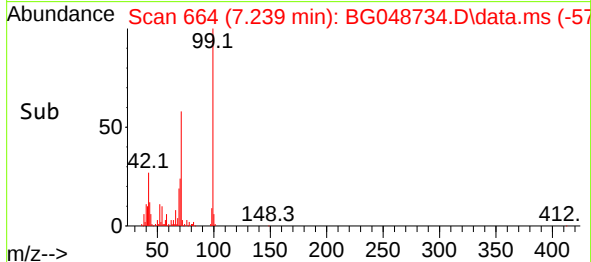
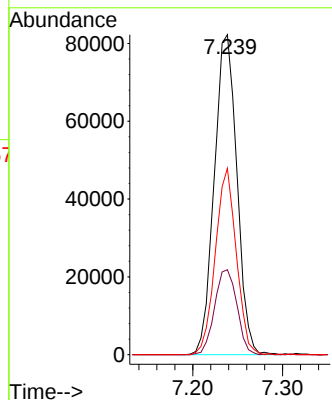
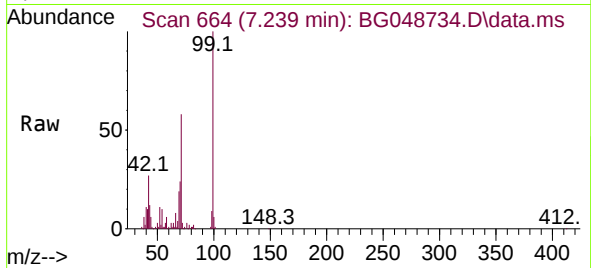




#7
Phenol-d6
Concen: 85.02 ng
RT: 7.239 min Scan# 664
Delta R.T. -0.001 min
Lab File: BG048734.D
Acq: 16 Apr 2021 21:28

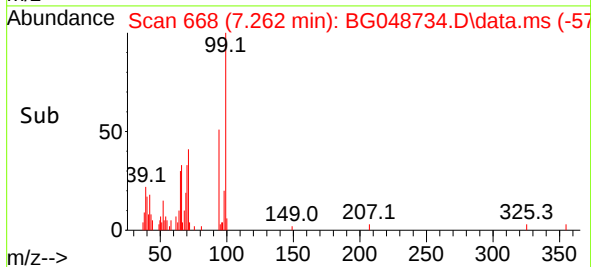
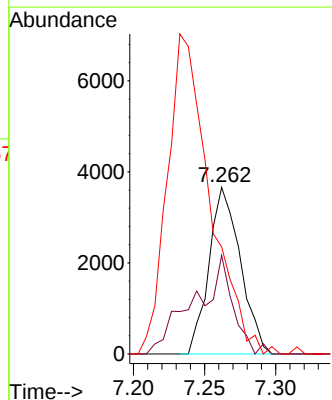
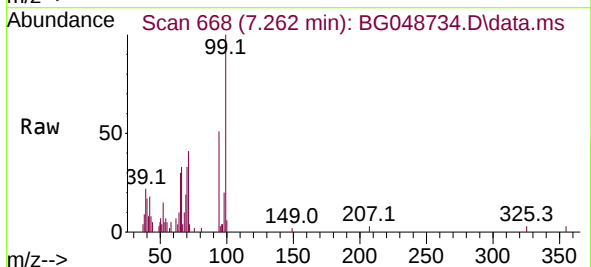
Instrument :
BNA_G
ClientSampled :
S-2B

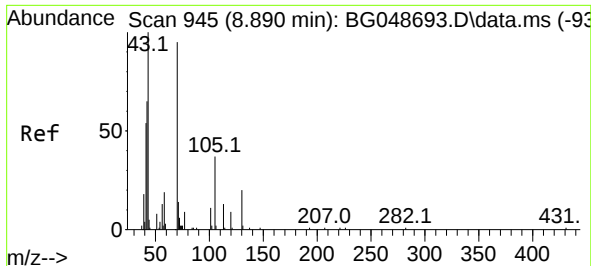
Tgt Ion: 99 Resp: 144134
Ion Ratio Lower Upper
99 100
42 26.6 20.5 30.7
71 58.2 41.5 62.3



#10
Phenol
Concen: 3.37 ng
RT: 7.262 min Scan# 668
Delta R.T. -0.007 min
Lab File: BG048734.D
Acq: 16 Apr 2021 21:28

Tgt Ion: 94 Resp: 5614
Ion Ratio Lower Upper
94 100
65 59.2 12.9 52.9#
66 64.2 39.4 79.4

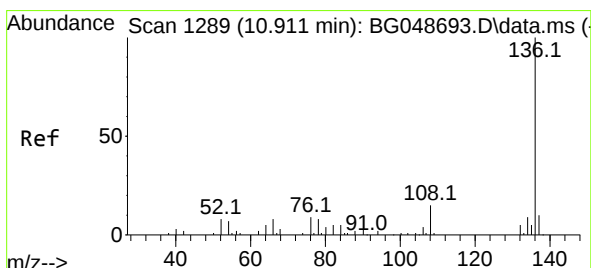
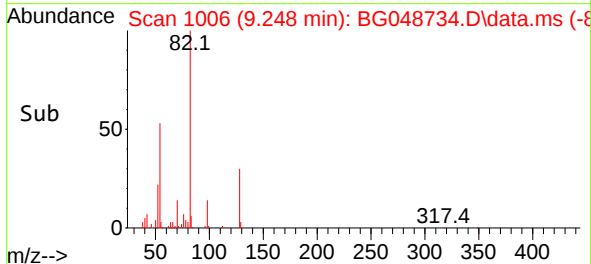
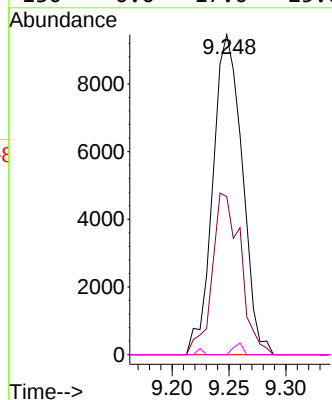
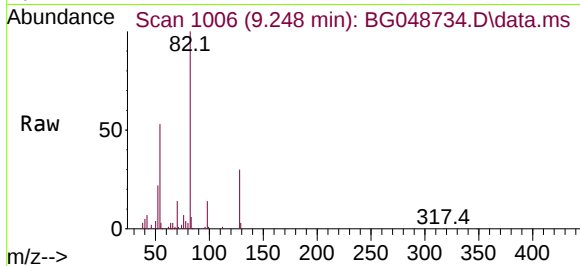




#19
n-Nitroso-di-n-propylamine
Concen: 14.86 ng
RT: 9.248 min Scan# 1006
Delta R.T. 0.357 min
Lab File: BG048734.D
Acq: 16 Apr 2021 21:28

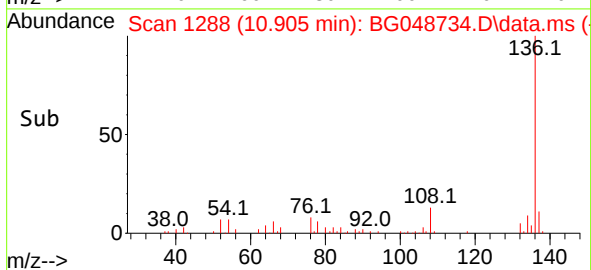
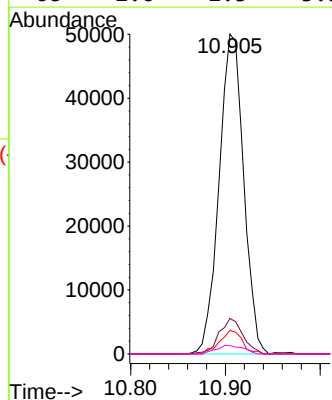
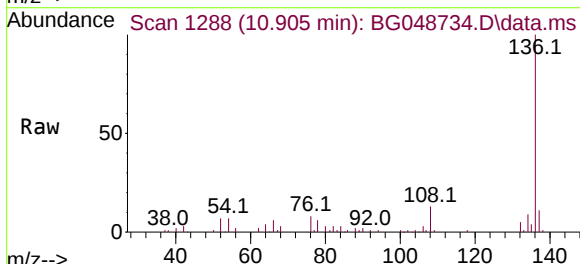
Instrument :
BNA_G
ClientSampled :
S-2B

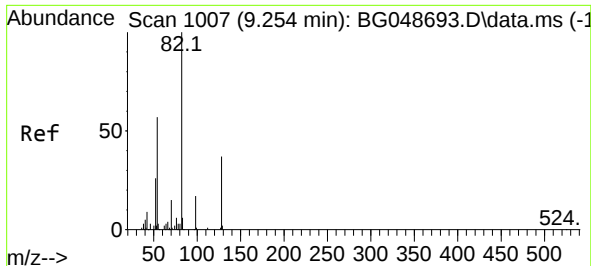
Tgt Ion: 70	Resp: 16996
Ion Ratio	Lower Upper
70 100	
42 49.4	54.5 81.7#
101 0.0	9.0 13.6#
130 0.0	17.0 25.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.905 min Scan# 1288
Delta R.T. -0.007 min
Lab File: BG048734.D
Acq: 16 Apr 2021 21:28

Tgt Ion: 136	Resp: 90217
Ion Ratio	Lower Upper
136 100	
137 11.1	8.2 12.2
54 7.3	5.5 8.3
68 2.6	2.3 3.5

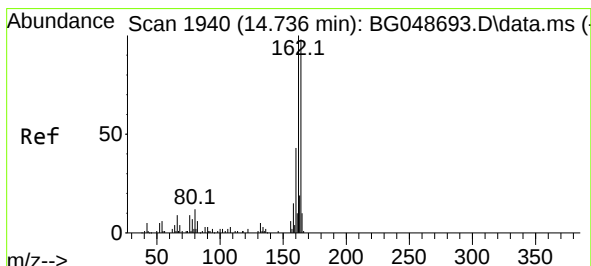
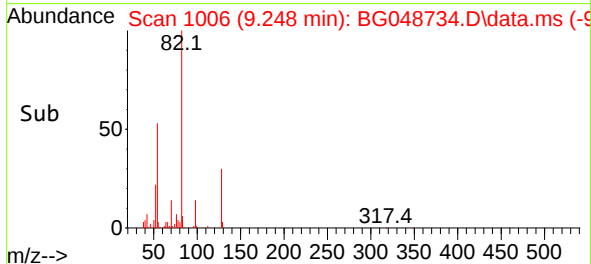
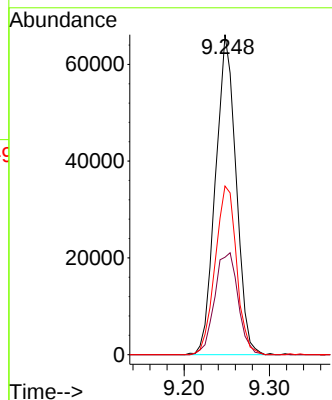
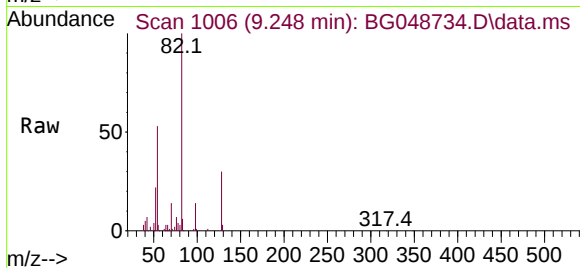




#23
Nitrobenzene-d5
Concen: 54.97 ng
RT: 9.248 min Scan# 1006
Delta R.T. -0.007 min
Lab File: BG048734.D
Acq: 16 Apr 2021 21:28

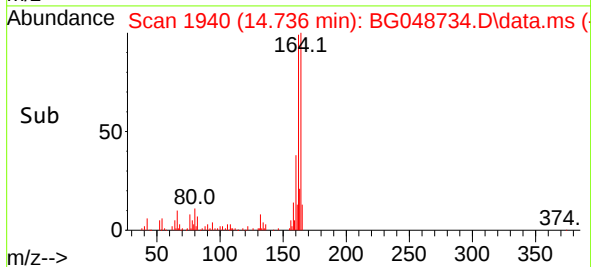
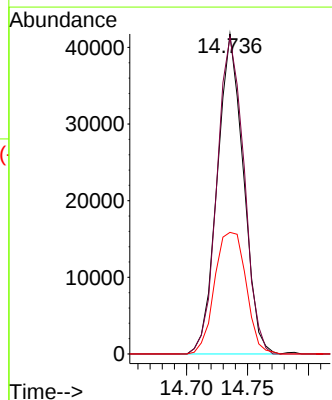
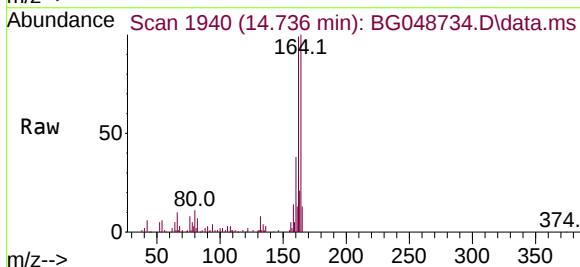
Instrument :
BNA_G
ClientSampled :
S-2B

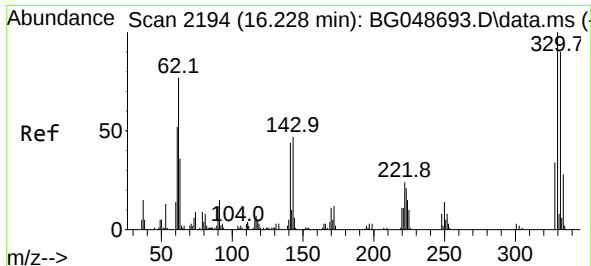
Tgt Ion: 82 Resp: 110771
Ion Ratio Lower Upper
82 100
128 30.4 29.8 44.6
54 52.7 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.736 min Scan# 1940
Delta R.T. -0.007 min
Lab File: BG048734.D
Acq: 16 Apr 2021 21:28

Tgt Ion:164 Resp: 62272
Ion Ratio Lower Upper
164 100
162 98.9 81.4 122.0
160 38.0 34.9 52.3

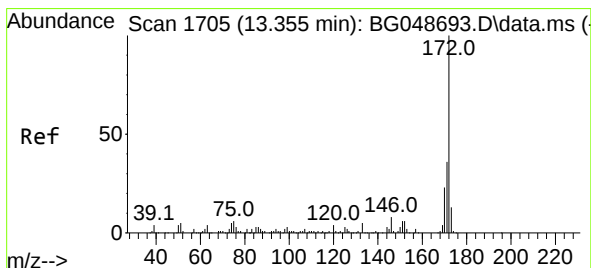
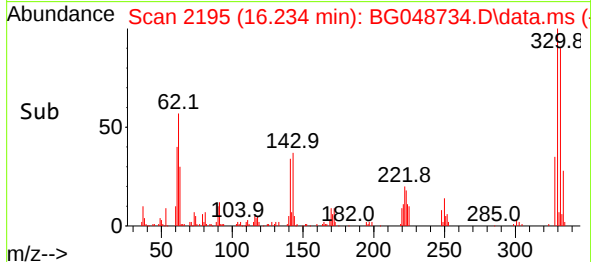
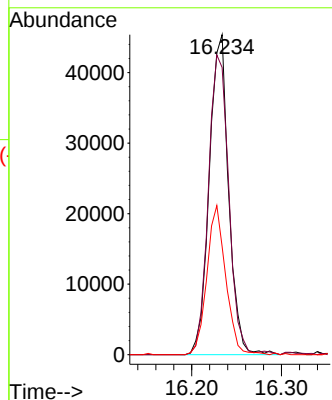
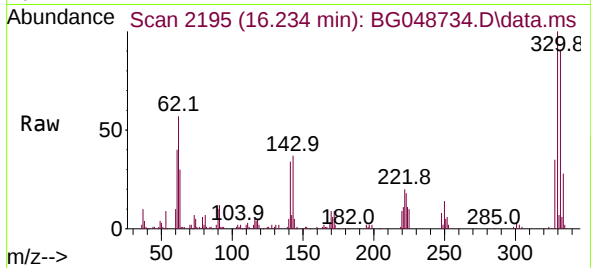




#42
2,4,6-Tribromophenol
Concen: 81.41 ng
RT: 16.234 min Scan# 2195
Delta R.T. -0.001 min
Lab File: BG048734.D
Acq: 16 Apr 2021 21:28

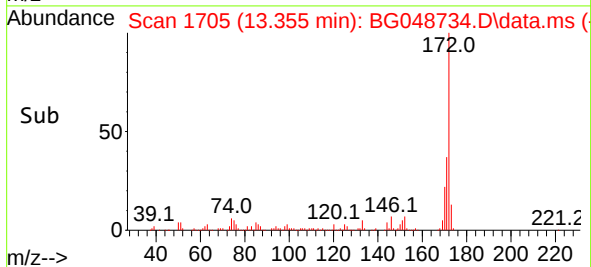
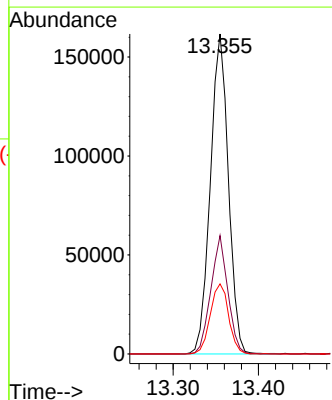
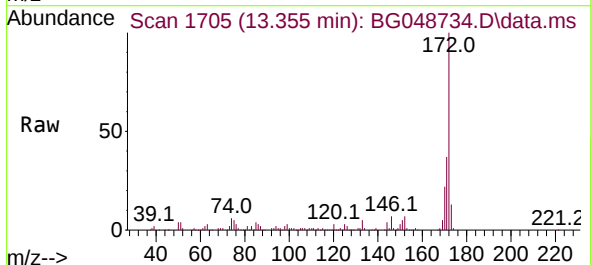
Instrument :
BNA_G
ClientSampled :
S-2B

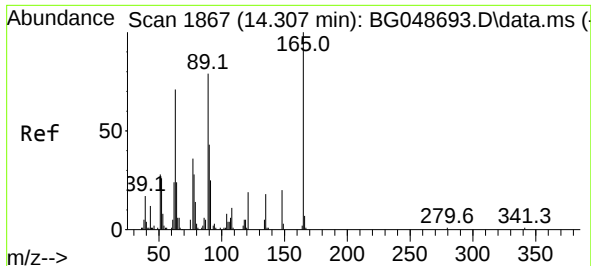
Tgt Ion:330 Resp: 67976
Ion Ratio Lower Upper
330 100
332 98.0 77.3 115.9
141 45.5 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 55.19 ng
RT: 13.355 min Scan# 1705
Delta R.T. -0.001 min
Lab File: BG048734.D
Acq: 16 Apr 2021 21:28

Tgt Ion:172 Resp: 237977
Ion Ratio Lower Upper
172 100
171 37.0 28.6 43.0
170 21.9 18.6 27.8

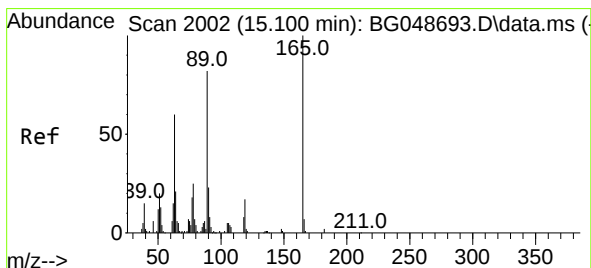
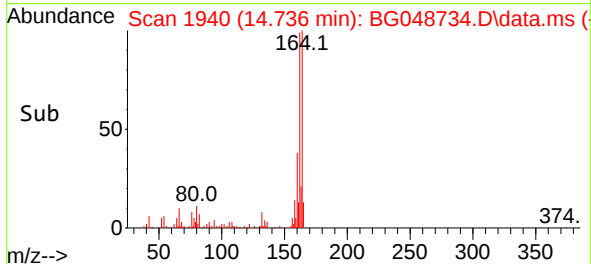
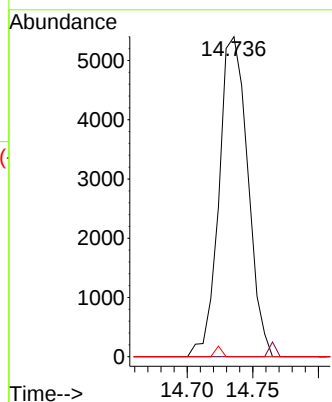
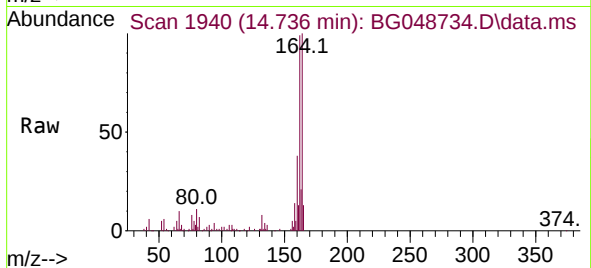




#51
2,6-Dinitrotoluene
Concen: 7.63 ng
RT: 14.736 min Scan# 1940
Delta R.T. 0.422 min
Lab File: BG048734.D
Acq: 16 Apr 2021 21:28

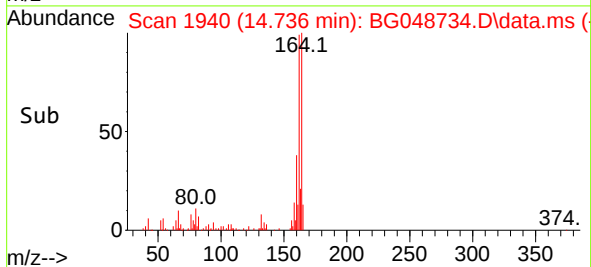
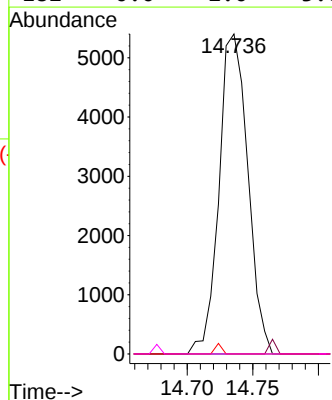
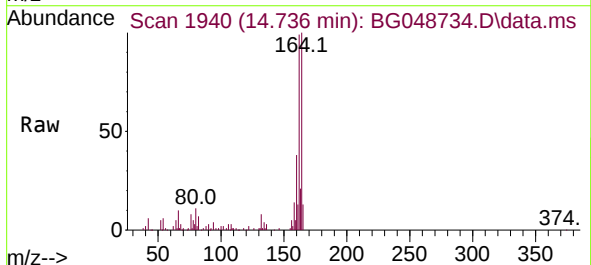
Instrument :
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ClientSampled :
S-2B

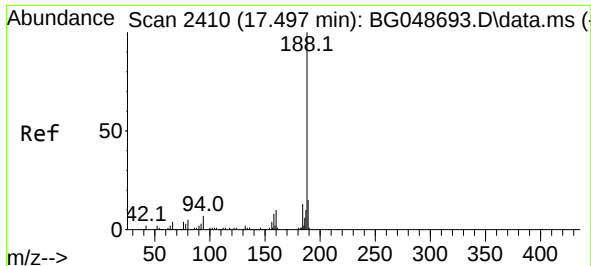
Tgt Ion:165 Resp: 8223
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 5.25 ng
RT: 14.736 min Scan# 1940
Delta R.T. -0.366 min
Lab File: BG048734.D
Acq: 16 Apr 2021 21:28

Tgt Ion:165 Resp: 8223
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#

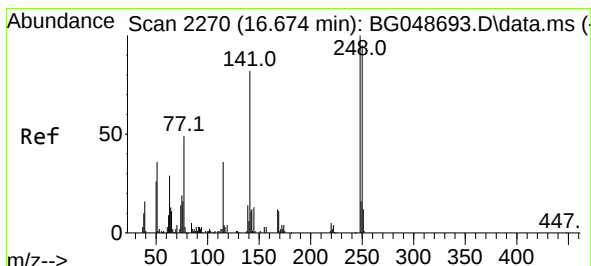
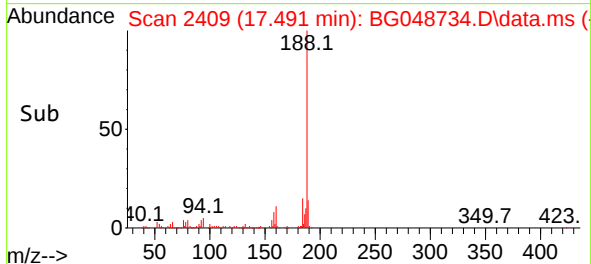
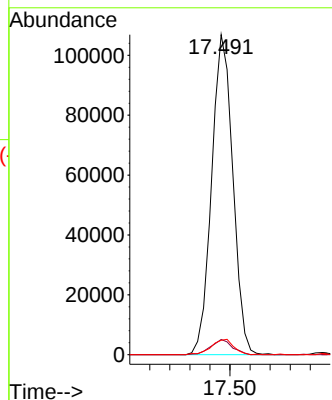
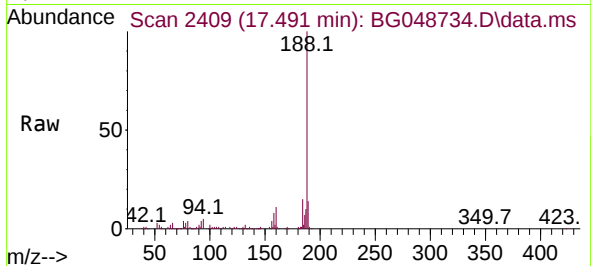




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.491 min Scan# 2409
Delta R.T. -0.007 min
Lab File: BG048734.D
Acq: 16 Apr 2021 21:28

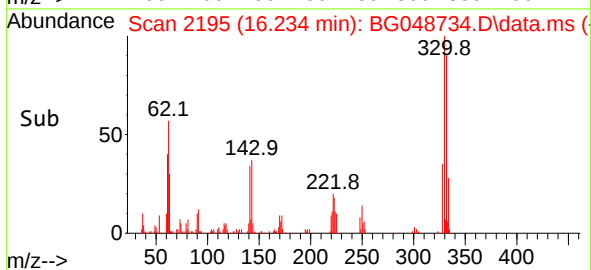
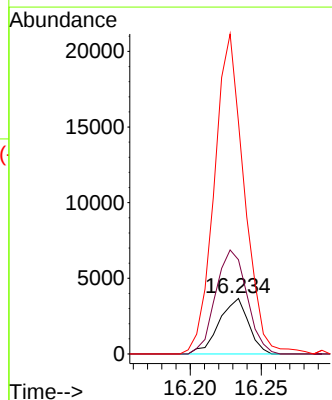
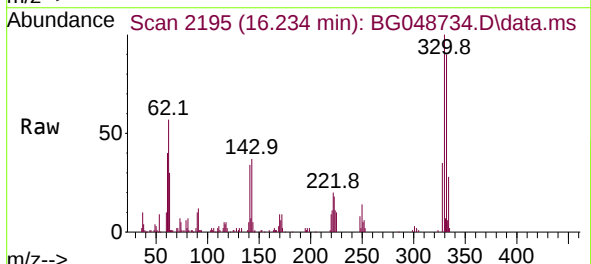
Instrument :
BNA_G
ClientSampleId :
S-2B

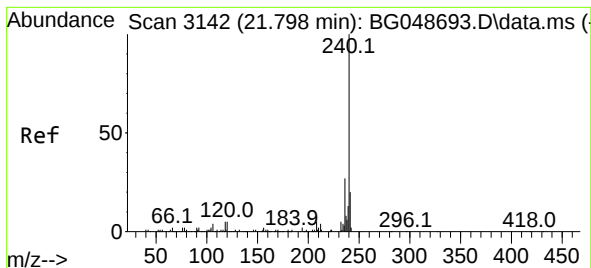
Tgt Ion:188 Resp: 156904
Ion Ratio Lower Upper
188 100
94 4.8 5.4 8.0#
80 4.5 3.7 5.5



#67
4-Bromophenyl-phenylether
Concen: 2.93 ng
RT: 16.234 min Scan# 2195
Delta R.T. -0.442 min
Lab File: BG048734.D
Acq: 16 Apr 2021 21:28

Tgt Ion:248 Resp: 5284
Ion Ratio Lower Upper
248 100
250 169.5 76.1 114.1#
141 417.6 65.4 98.2#

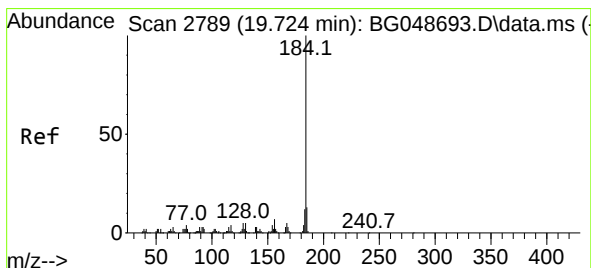
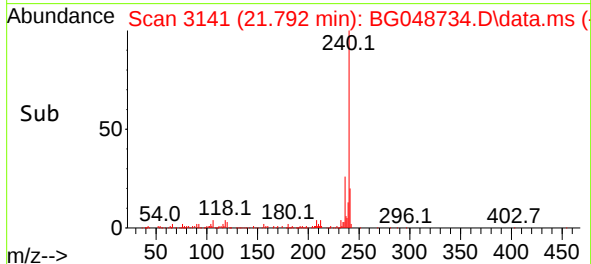
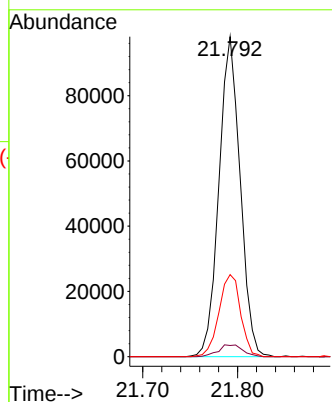
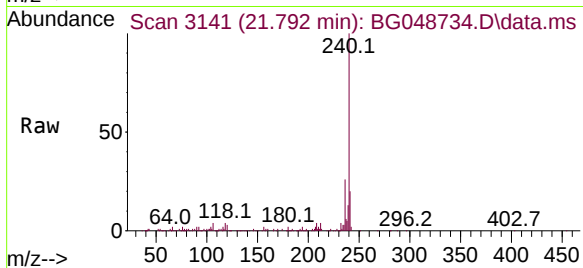




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.792 min Scan# 3141
Delta R.T. -0.007 min
Lab File: BG048734.D
Acq: 16 Apr 2021 21:28

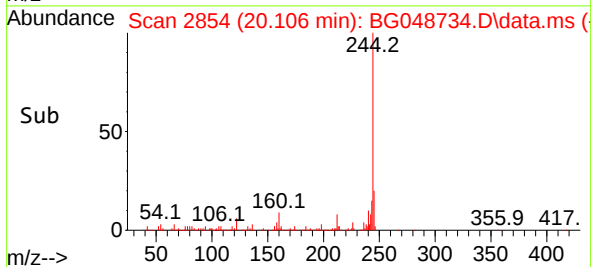
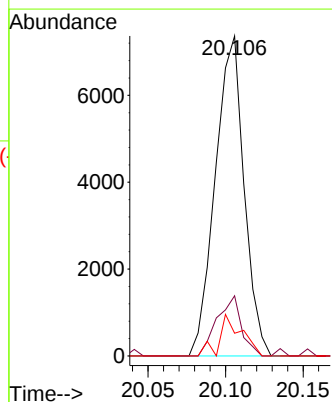
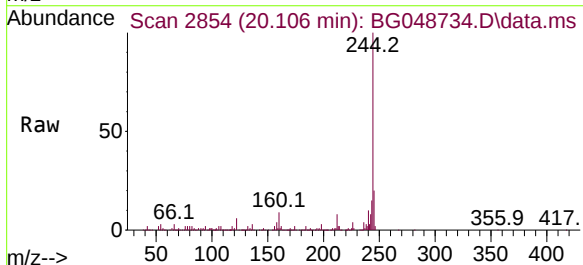
Instrument :
BNA_G
ClientSampled :
S-2B

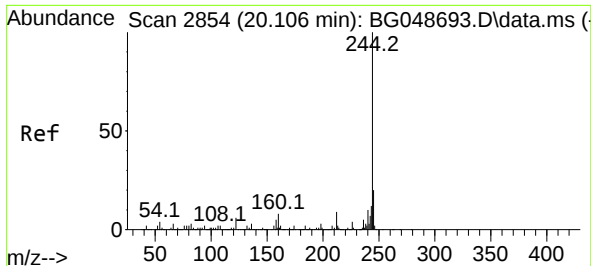
Tgt Ion:240 Resp: 152327
Ion Ratio Lower Upper
240 100
120 3.5 4.2 6.2#
236 25.6 21.8 32.6



#77
Benzidine
Concen: 2.30 ng
RT: 20.106 min Scan# 2854
Delta R.T. 0.375 min
Lab File: BG048734.D
Acq: 16 Apr 2021 21:28

Tgt Ion:184 Resp: 9512
Ion Ratio Lower Upper
184 100
185 18.8 10.7 16.1#
183 7.1 9.4 14.0#

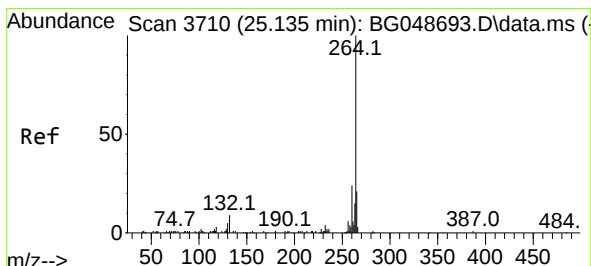
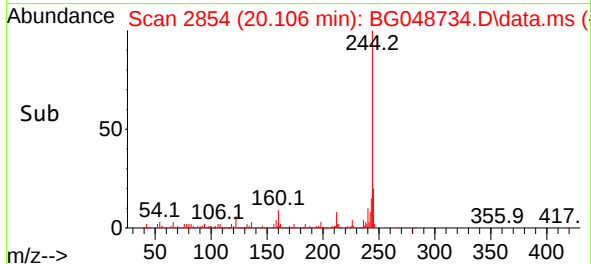
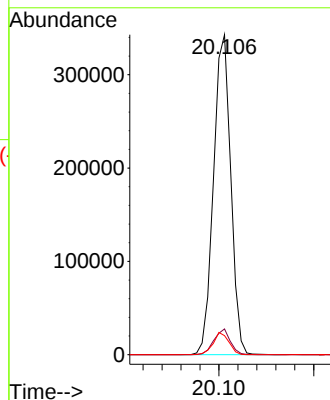
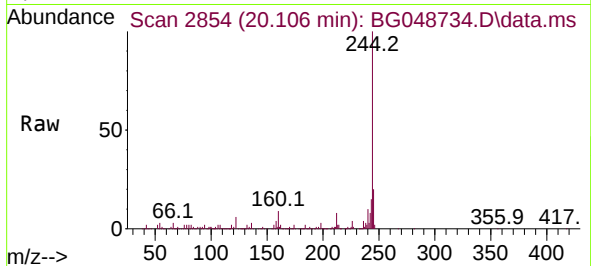




#79
 Terphenyl-d14
 Concen: 48.82 ng
 RT: 20.106 min Scan# 2854
 Delta R.T. -0.001 min
 Lab File: BG048734.D
 Acq: 16 Apr 2021 21:28

Instrument :
 BNA_G
 ClientSampleId :
 S-2B

Tgt Ion:	244	Resp:	432053
Ion Ratio	Lower	Upper	
244	100		
212	8.1	6.9	10.3
122	6.0	5.0	7.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.135 min Scan# 3710
 Delta R.T. -0.007 min
 Lab File: BG048734.D
 Acq: 16 Apr 2021 21:28

Tgt Ion:	264	Resp:	151104
Ion Ratio	Lower	Upper	
264	100		
260	19.5	19.4	29.2
265	20.5	16.9	25.3

