

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041621\
 Data File : BG048754.D
 Acq On : 17 Apr 2021 14:22
 Operator : CG/JU
 Sample : M2050-10
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-4

Quant Time: Apr 19 00:26:33 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)

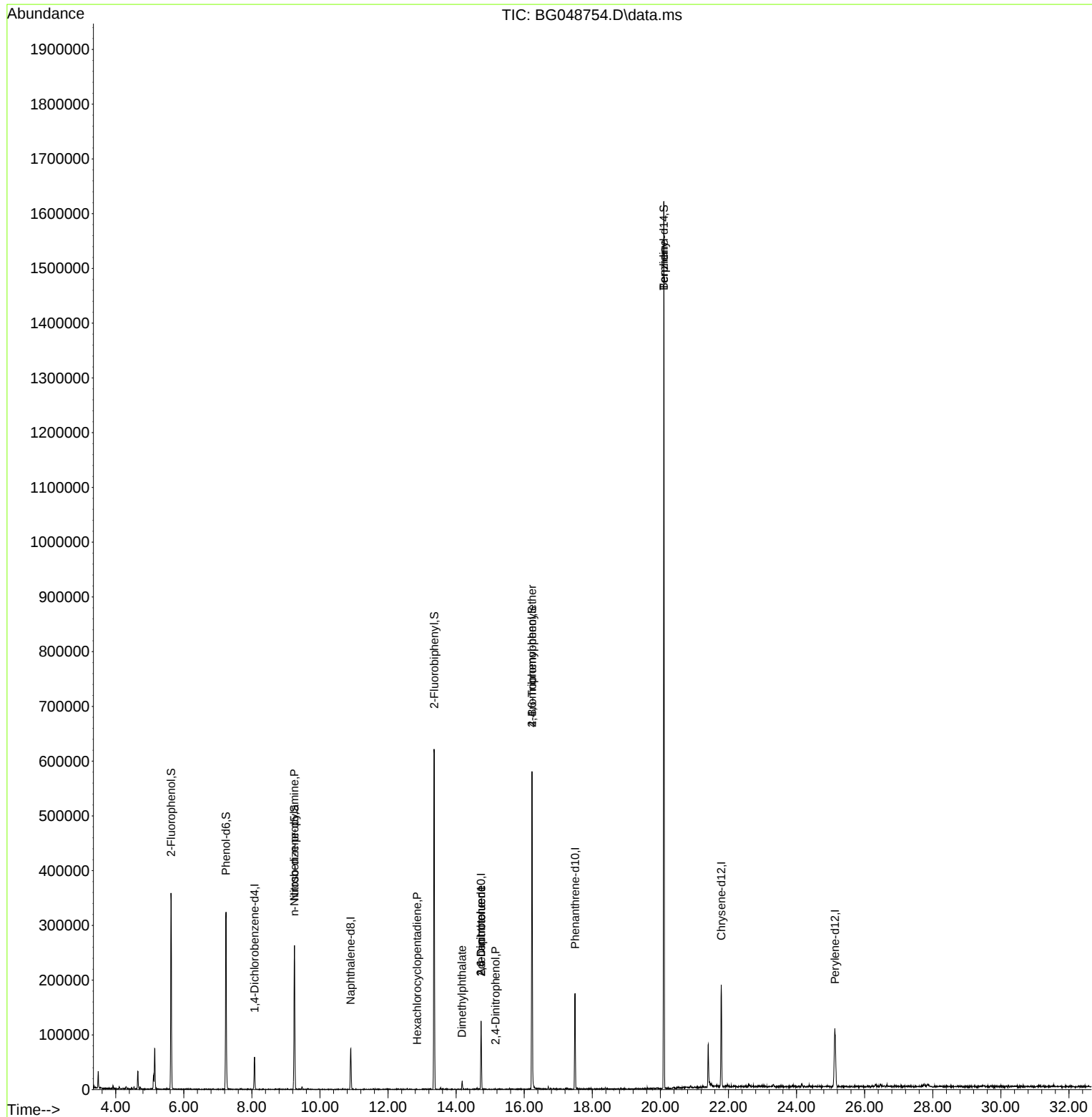
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.080	152	13951	20.00	ng	0.00
21) Naphthalene-d8	10.901	136	57818	20.00	ng	#-0.01
39) Acenaphthene-d10	14.731	164	42589	20.00	ng	-0.01
64) Phenanthrene-d10	17.493	188	108976	20.00	ng	# 0.00
76) Chrysene-d12	21.788	240	118313	20.00	ng	-0.01
86) Perylene-d12	25.125	264	118635	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.630	112	128175	153.66	ng	0.00
7) Phenol-d6	7.234	99	154301	130.78	ng	0.00
23) Nitrobenzene-d5	9.250	82	145623	112.76	ng	0.00
42) 2,4,6-Tribromophenol	16.230	330	92976	162.82	ng	0.00
45) 2-Fluorobiphenyl	13.357	172	308422	104.58	ng	0.00
79) Terphenyl-d14	20.102	244	694593	101.04	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.244	70	24484	30.76	ng	# 62
41) Hexachlorocyclopentadiene	12.857	237	68	5.94	ng	# 31
50) Dimethylphthalate	14.173	163	8441	2.64	ng	# 92
51) 2,6-Dinitrotoluene	14.731	165	6379	8.66	ng	# 10
54) 2,4-Dinitrophenol	15.160	184	53	5.39	ng	# 8
57) 2,4-Dinitrotoluene	14.731	165	6379	5.96	ng	# 15
67) 4-Bromophenyl-phenylether	16.230	248	7034	5.61	ng	# 1
77) Benzidine	20.102	184	13479	4.20	ng	# 94

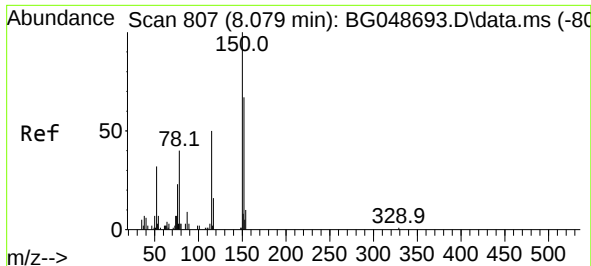
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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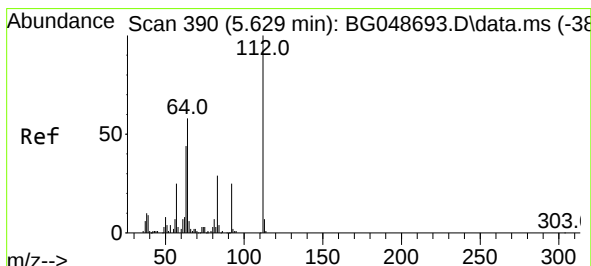
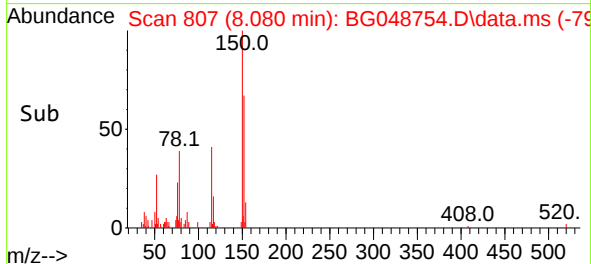
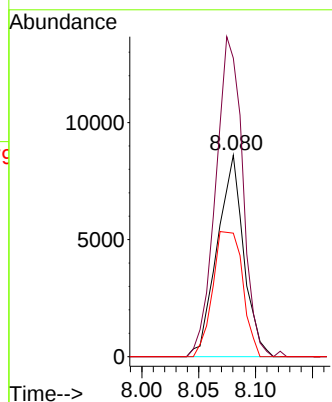
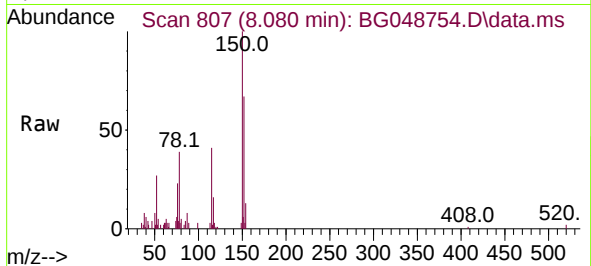




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.080 min Scan# 807
Delta R.T. 0.000 min
Lab File: BG048754.D
Acq: 17 Apr 2021 14:22

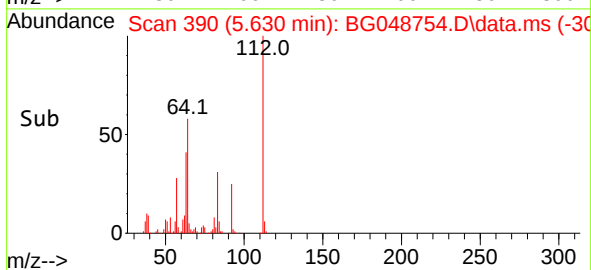
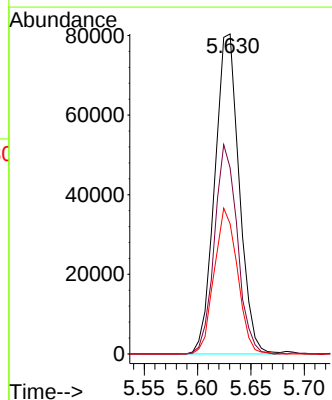
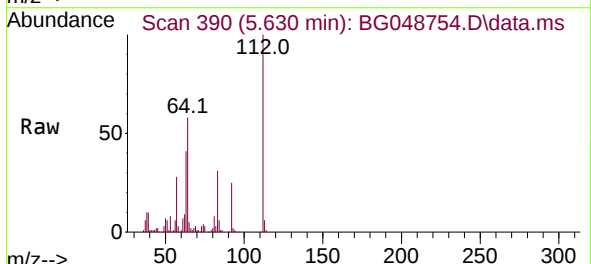
Instrument :
BNA_G
ClientSampled :
TP-4

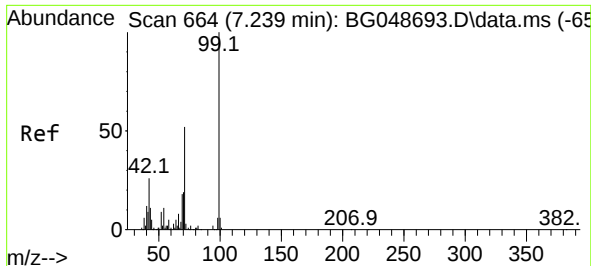
Tgt Ion:152 Resp: 13951
Ion Ratio Lower Upper
152 100
150 148.2 119.4 179.0
115 61.3 60.2 90.4



#5
2-Fluorophenol
Concen: 153.66 ng
RT: 5.630 min Scan# 390
Delta R.T. 0.000 min
Lab File: BG048754.D
Acq: 17 Apr 2021 14:22

Tgt Ion:112 Resp: 128175
Ion Ratio Lower Upper
112 100
64 58.1 46.7 70.1
63 40.6 35.3 52.9

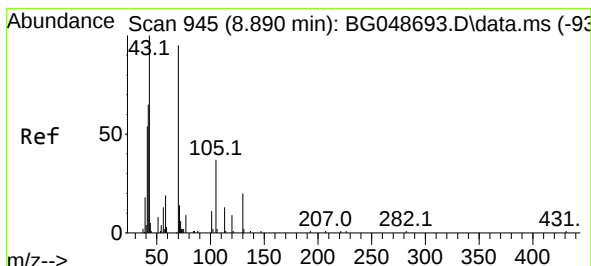
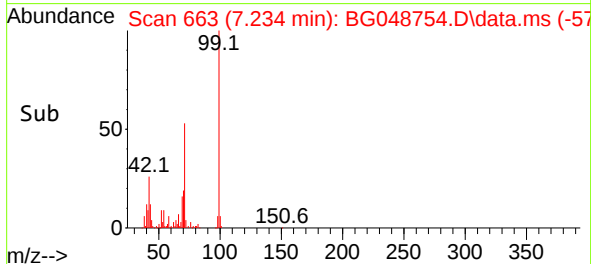
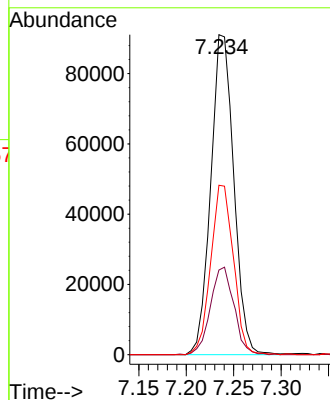
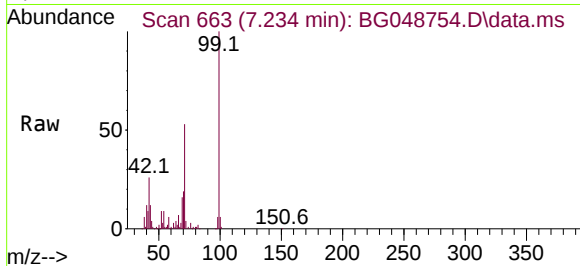




#7
Phenol-d6
Concen: 130.78 ng
RT: 7.234 min Scan# 663
Delta R.T. -0.005 min
Lab File: BG048754.D
Acq: 17 Apr 2021 14:22

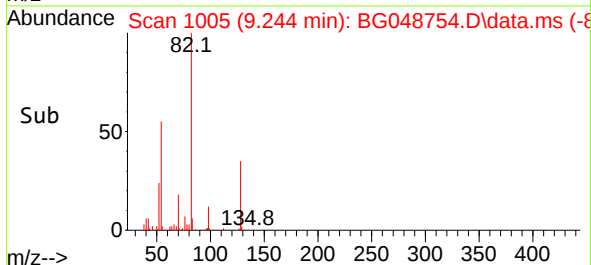
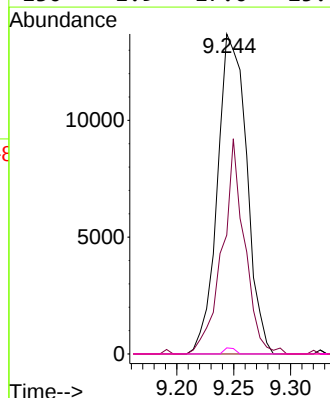
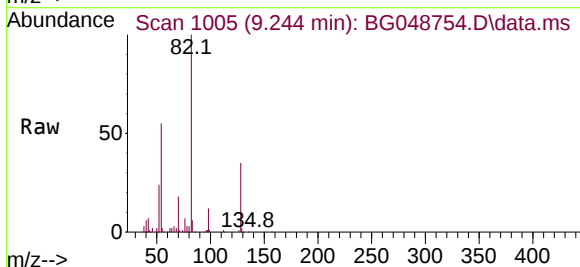
Instrument :
BNA_G
ClientSampleId :
TP-4

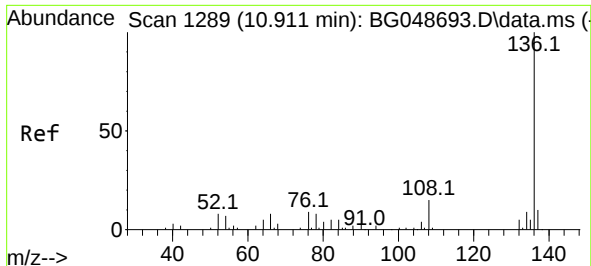
Tgt Ion: 99 Resp: 154301
Ion Ratio Lower Upper
99 100
42 26.5 20.5 30.7
71 53.0 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 30.76 ng
RT: 9.244 min Scan# 1005
Delta R.T. 0.353 min
Lab File: BG048754.D
Acq: 17 Apr 2021 14:22

Tgt Ion: 70 Resp: 24484
Ion Ratio Lower Upper
70 100
42 37.2 54.5 81.7#
101 0.0 9.0 13.6#
130 1.9 17.0 25.6#

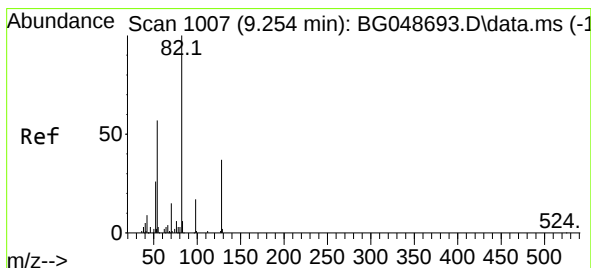
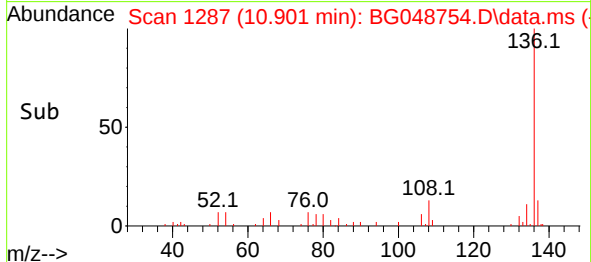
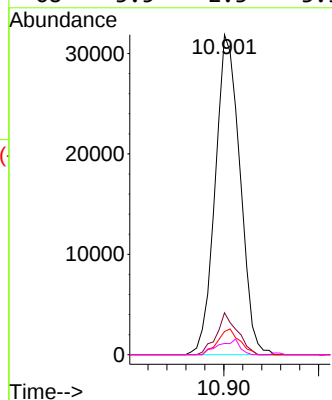
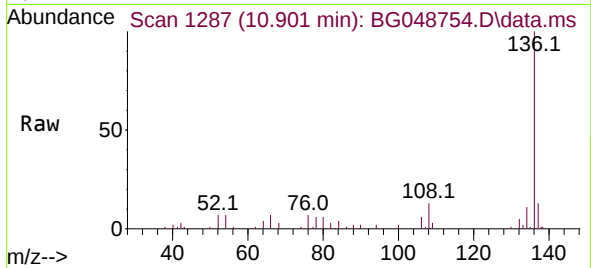




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.901 min Scan# 1287
Delta R.T. -0.011 min
Lab File: BG048754.D
Acq: 17 Apr 2021 14:22

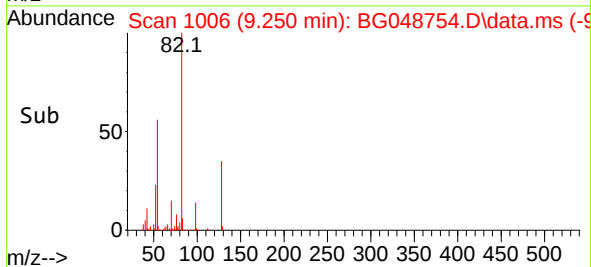
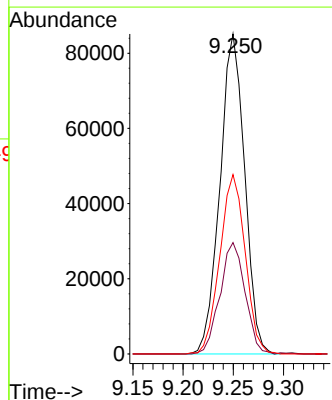
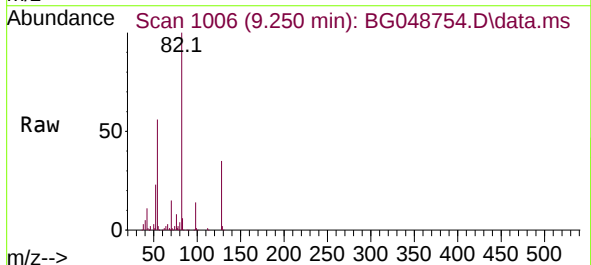
Instrument :
BNA_G
ClientSampleId :
TP-4

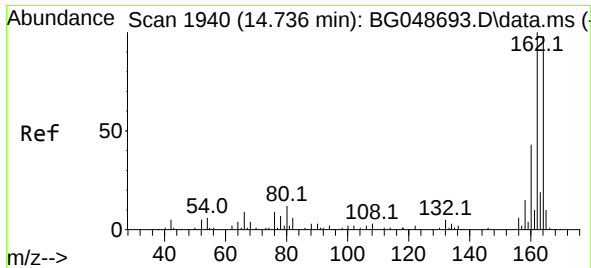
Tgt Ion:	136	Resp:	57818
Ion Ratio	Lower	Upper	
136	100		
137	13.1	8.2	12.2#
54	7.2	5.5	8.3
68	3.5	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 112.76 ng
RT: 9.250 min Scan# 1006
Delta R.T. -0.005 min
Lab File: BG048754.D
Acq: 17 Apr 2021 14:22

Tgt Ion:	82	Resp:	145623
Ion Ratio	Lower	Upper	
82	100		
128	34.8	29.8	44.6
54	56.1	45.8	68.8

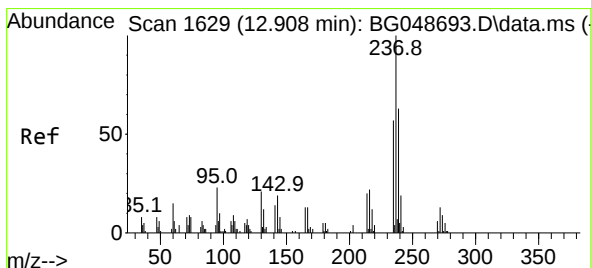
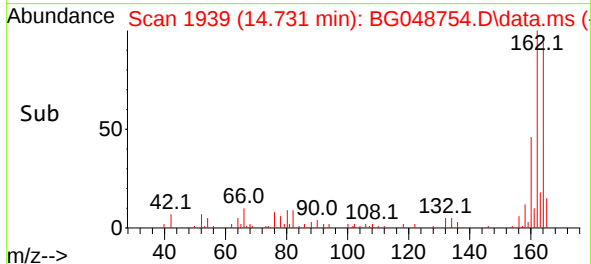
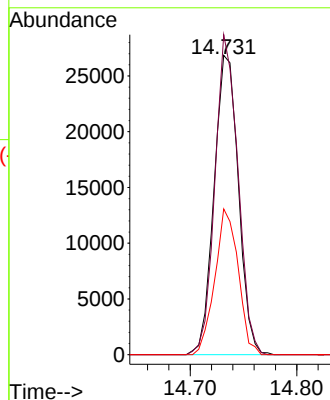
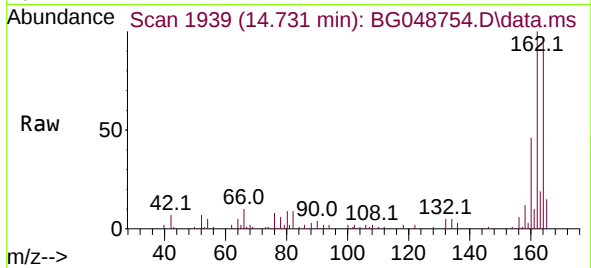




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.731 min Scan# 1939
Delta R.T. -0.011 min
Lab File: BG048754.D
Acq: 17 Apr 2021 14:22

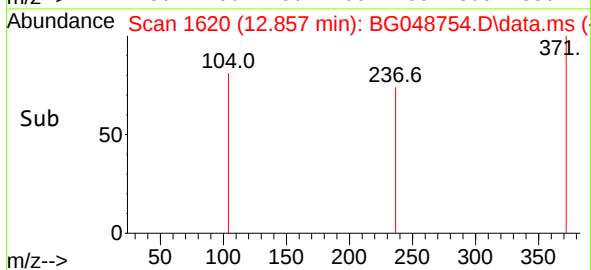
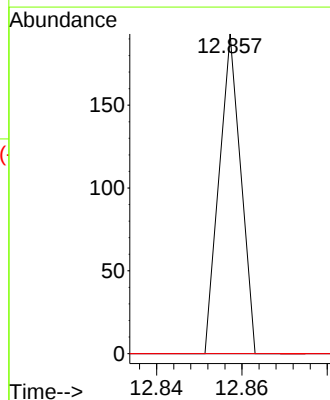
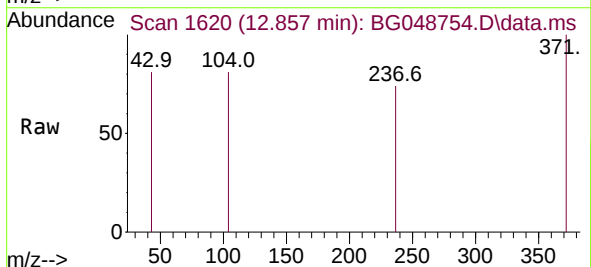
Instrument :
BNA_G
ClientSampleId :
TP-4

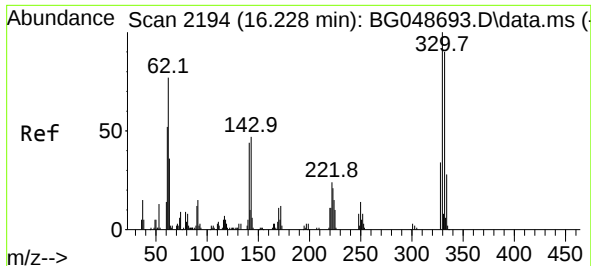
Tgt Ion:164 Resp: 42589
Ion Ratio Lower Upper
164 100
162 106.9 81.4 122.0
160 48.7 34.9 52.3



#41
Hexachlorocyclopentadiene
Concen: 5.94 ng
RT: 12.857 min Scan# 1620
Delta R.T. -0.052 min
Lab File: BG048754.D
Acq: 17 Apr 2021 14:22

Tgt Ion:237 Resp: 68
Ion Ratio Lower Upper
237 100
235 0.0 36.6 76.6#
272 0.0 0.0 32.5

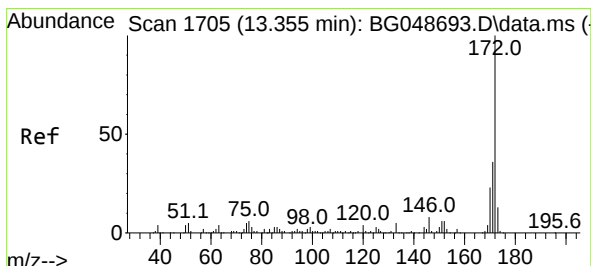
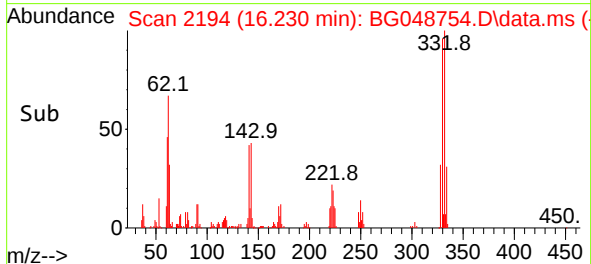
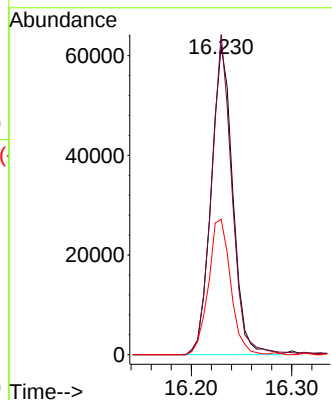
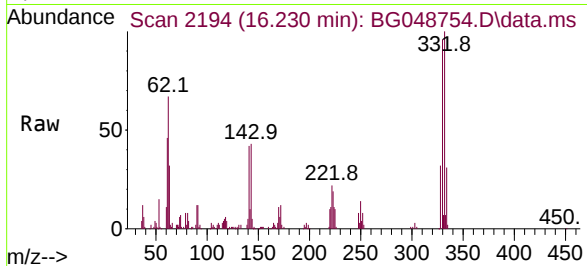




#42
2,4,6-Tribromophenol
Concen: 162.82 ng
RT: 16.230 min Scan# 2194
Delta R.T. -0.005 min
Lab File: BG048754.D
Acq: 17 Apr 2021 14:22

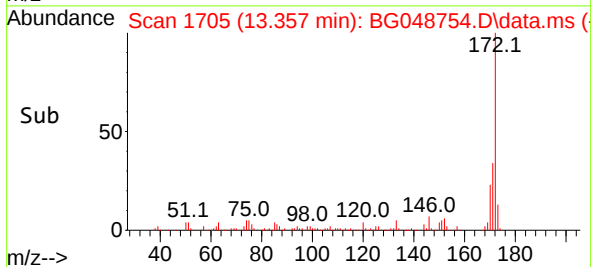
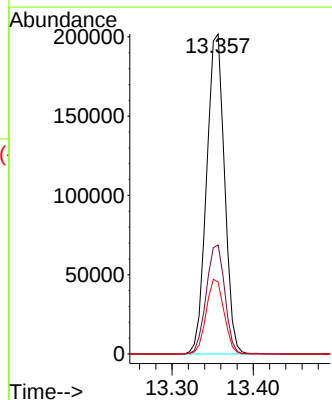
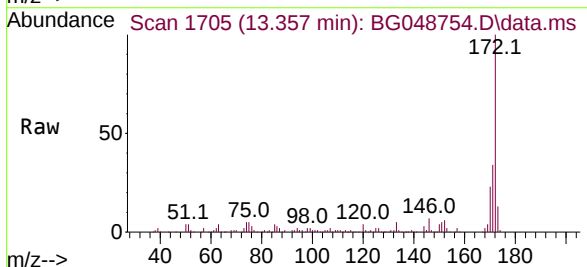
Instrument :
BNA_G
ClientSampleId :
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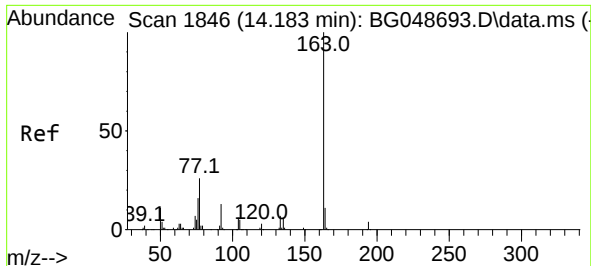
Tgt Ion:330 Resp: 92976
Ion Ratio Lower Upper
330 100
332 98.1 77.3 115.9
141 45.0 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 104.58 ng
RT: 13.357 min Scan# 1705
Delta R.T. 0.000 min
Lab File: BG048754.D
Acq: 17 Apr 2021 14:22

Tgt Ion:172 Resp: 308422
Ion Ratio Lower Upper
172 100
171 34.1 28.6 43.0
170 22.5 18.6 27.8

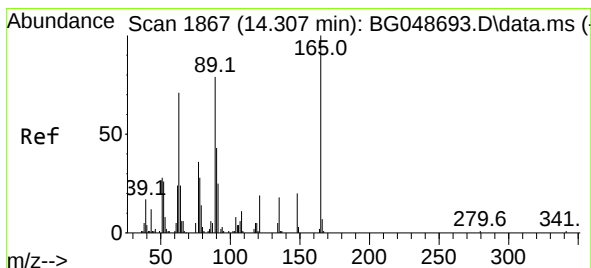
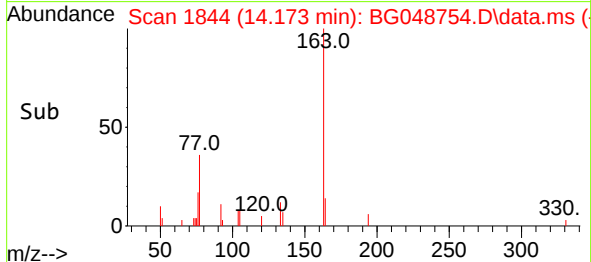
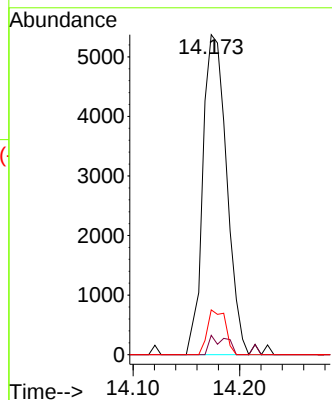
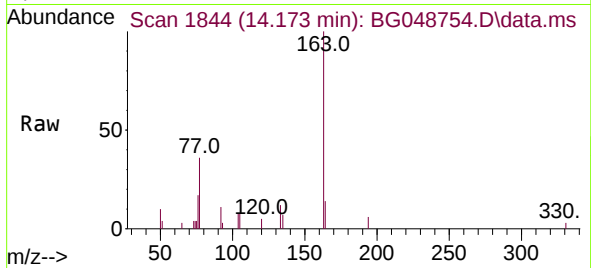




#50
Dimethylphthalate
Concen: 2.64 ng
RT: 14.173 min Scan# 1844
Delta R.T. -0.011 min
Lab File: BG048754.D
Acq: 17 Apr 2021 14:22

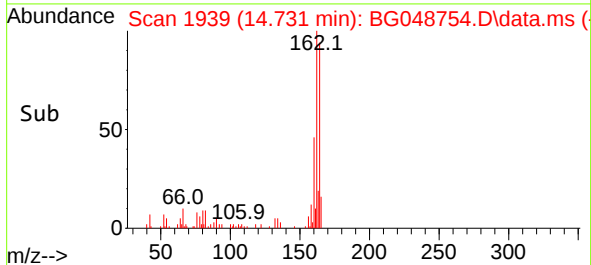
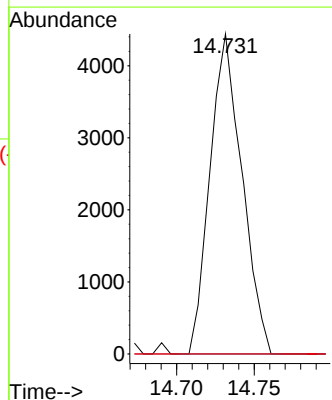
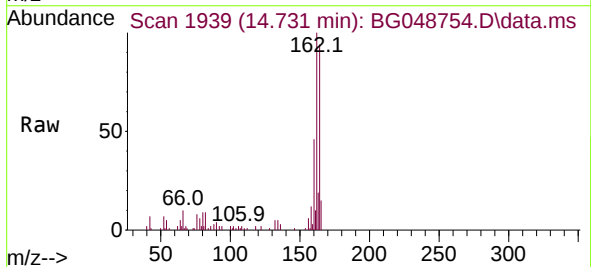
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TP-4

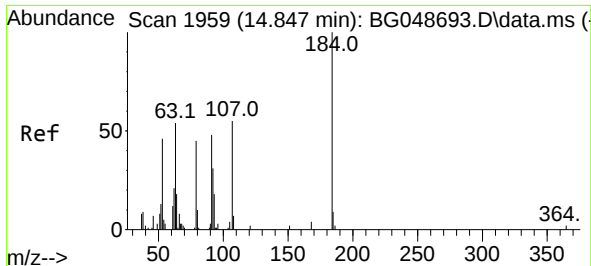
Tgt Ion:163 Resp: 8441
Ion Ratio Lower Upper
163 100
194 6.1 3.0 4.6#
164 14.0 8.6 12.8#



#51
2,6-Dinitrotoluene
Concen: 8.66 ng
RT: 14.731 min Scan# 1939
Delta R.T. 0.418 min
Lab File: BG048754.D
Acq: 17 Apr 2021 14:22

Tgt Ion:165 Resp: 6379
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#

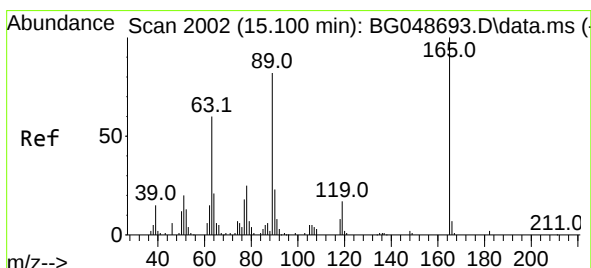
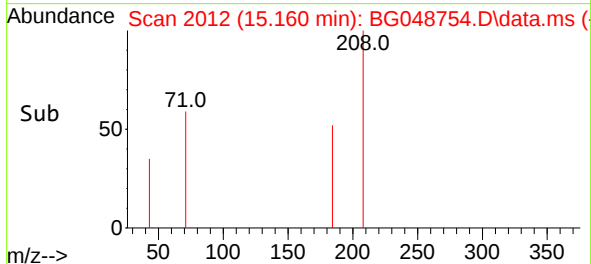
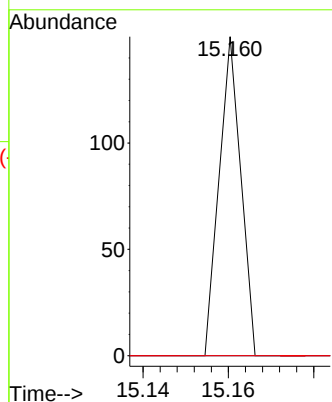
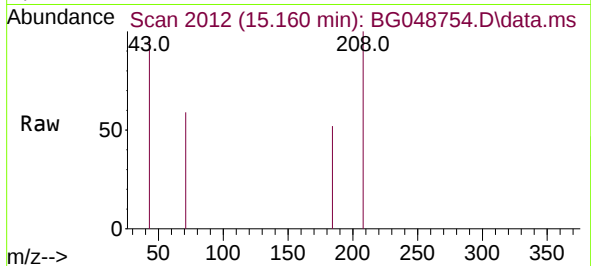




#54
2,4-Dinitrophenol
Concen: 5.39 ng
RT: 15.160 min Scan# 2012
Delta R.T. 0.306 min
Lab File: BG048754.D
Acq: 17 Apr 2021 14:22

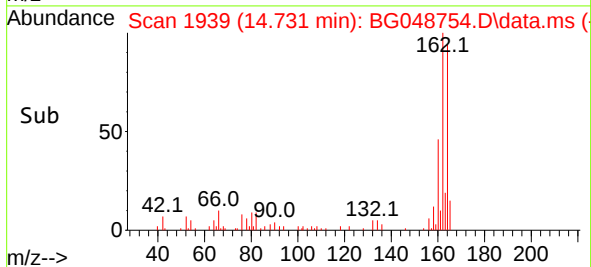
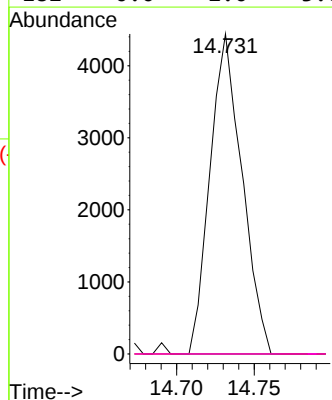
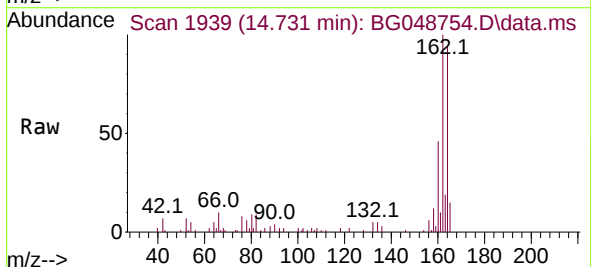
Instrument :
BNA_G
ClientSampled :
TP-4

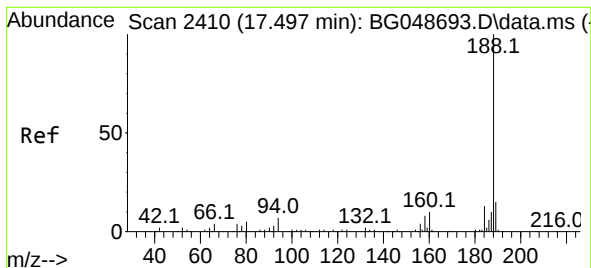
Tgt Ion:184 Resp: 53
Ion Ratio Lower Upper
184 100
63 0.0 68.3 102.5#
154 0.0 62.6 93.8#



#57
2,4-Dinitrotoluene
Concen: 5.96 ng
RT: 14.731 min Scan# 1939
Delta R.T. -0.370 min
Lab File: BG048754.D
Acq: 17 Apr 2021 14:22

Tgt Ion:165 Resp: 6379
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#

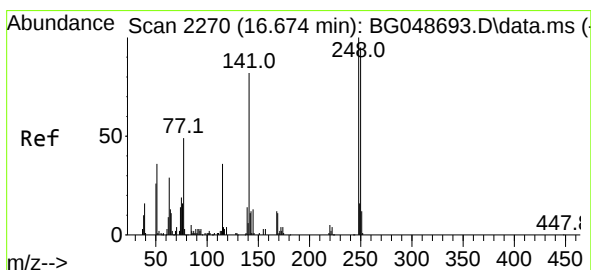
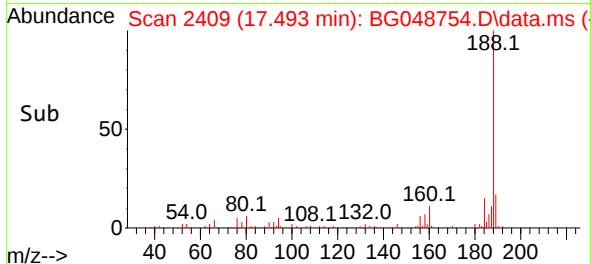
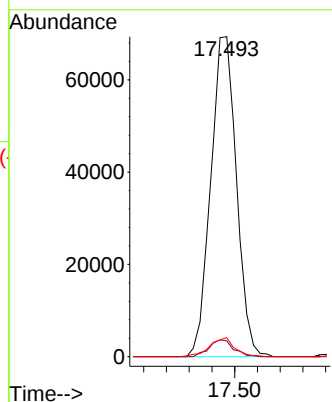
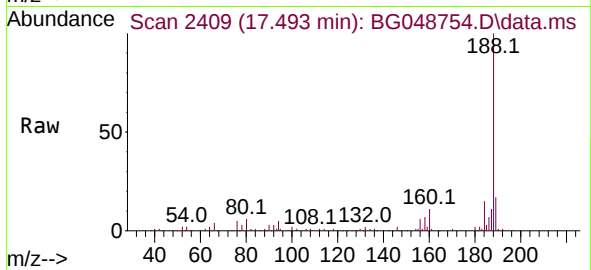




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.493 min Scan# 2409
Delta R.T. -0.005 min
Lab File: BG048754.D
Acq: 17 Apr 2021 14:22

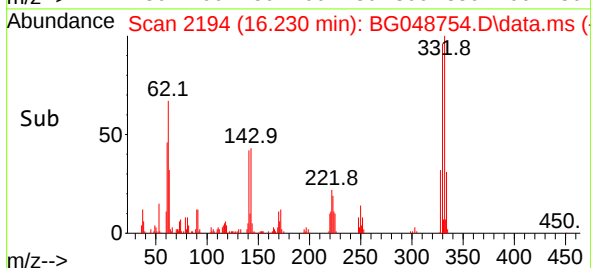
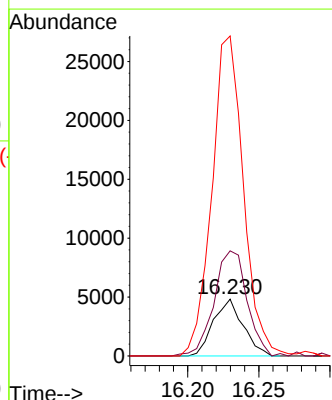
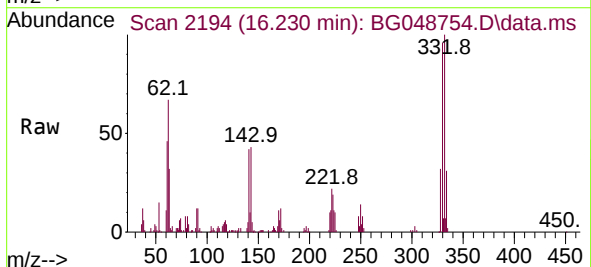
Instrument :
BNA_G
ClientSampleId :
TP-4

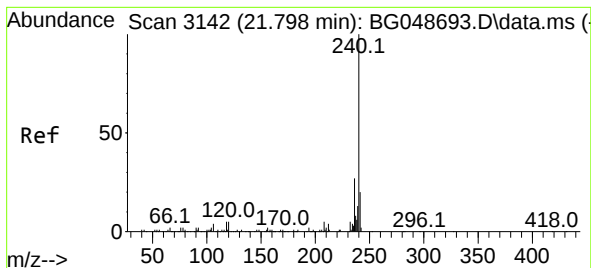
Tgt Ion:188 Resp: 108976
Ion Ratio Lower Upper
188 100
94 5.0 5.4 8.0#
80 6.0 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 5.61 ng
RT: 16.230 min Scan# 2194
Delta R.T. -0.446 min
Lab File: BG048754.D
Acq: 17 Apr 2021 14:22

Tgt Ion:248 Resp: 7034
Ion Ratio Lower Upper
248 100
250 184.9 76.1 114.1#
141 562.6 65.4 98.2#

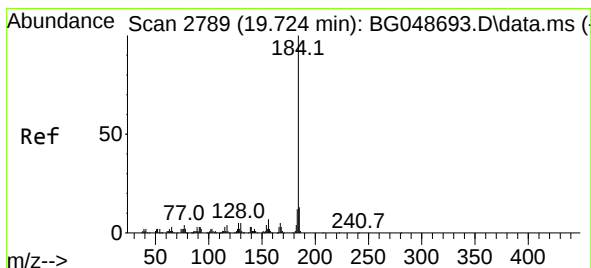
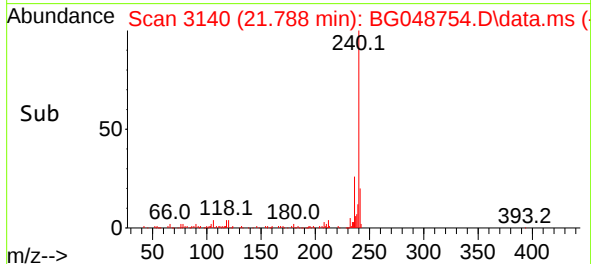
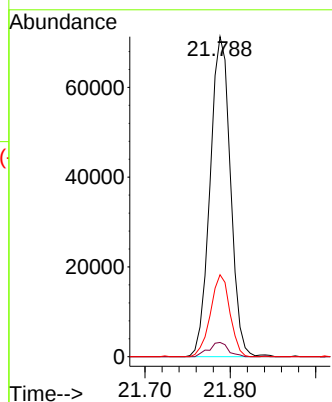
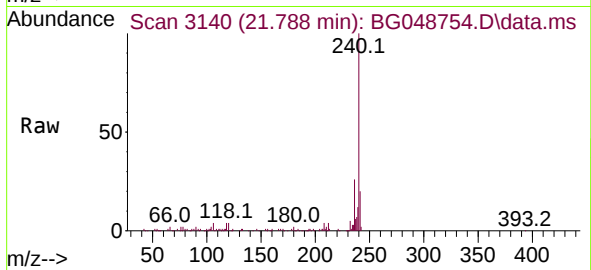




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.788 min Scan# 3140
Delta R.T. -0.011 min
Lab File: BG048754.D
Acq: 17 Apr 2021 14:22

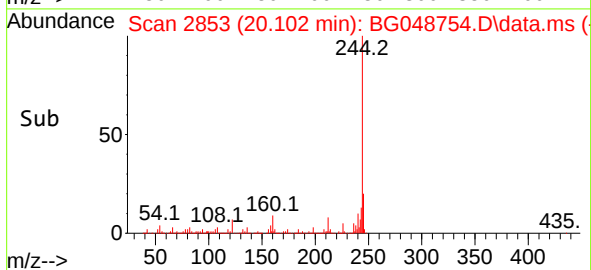
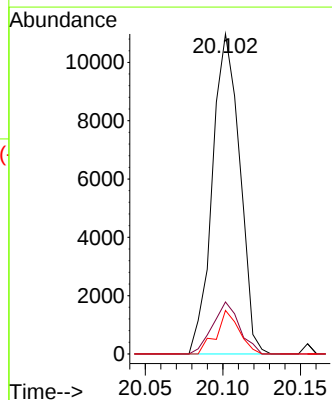
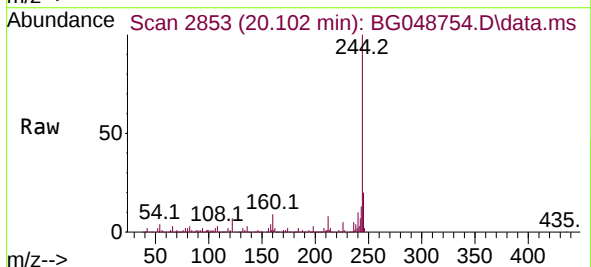
Instrument :
BNA_G
ClientSampleId :
TP-4

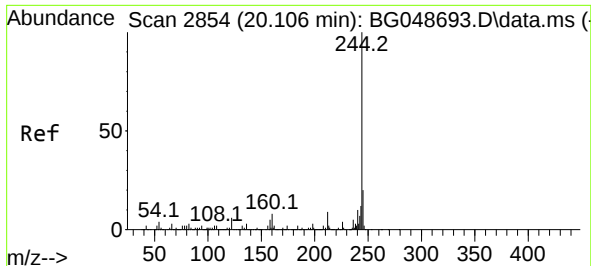
Tgt Ion:240 Resp: 118313
Ion Ratio Lower Upper
240 100
120 4.5 4.2 6.2
236 25.6 21.8 32.6



#77
Benzidine
Concen: 4.20 ng
RT: 20.102 min Scan# 2853
Delta R.T. 0.371 min
Lab File: BG048754.D
Acq: 17 Apr 2021 14:22

Tgt Ion:184 Resp: 13479
Ion Ratio Lower Upper
184 100
185 16.2 10.7 16.1#
183 13.6 9.4 14.0

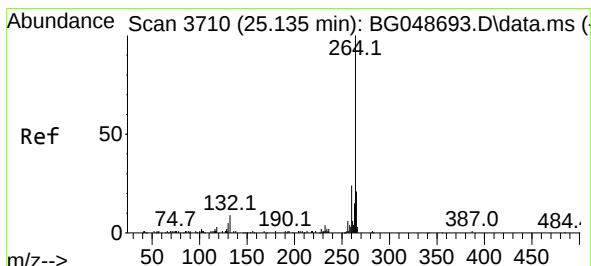
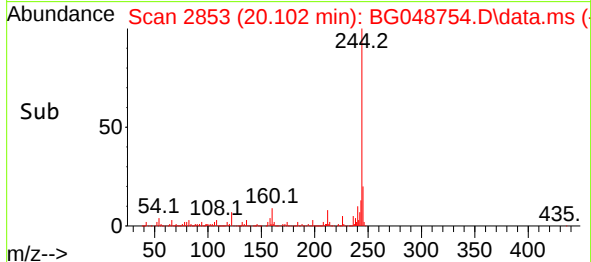
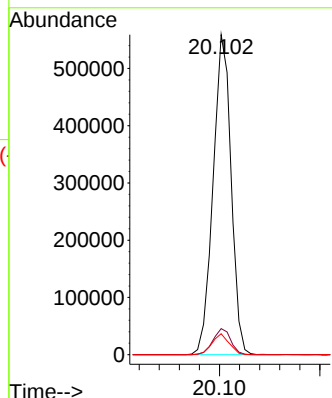
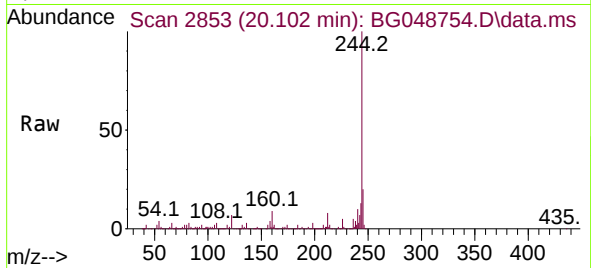




#79
 Terphenyl-d14
 Concen: 101.04 ng
 RT: 20.102 min Scan# 2853
 Delta R.T. -0.005 min
 Lab File: BG048754.D
 Acq: 17 Apr 2021 14:22

Instrument :
 BNA_G
 ClientSampled :
 TP-4

Tgt Ion:244	Resp:	694593
Ion Ratio	Lower	Upper
244	100	
212	8.1	6.9 10.3
122	6.6	5.0 7.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.125 min Scan# 3708
 Delta R.T. -0.017 min
 Lab File: BG048754.D
 Acq: 17 Apr 2021 14:22

Tgt Ion:264	Resp:	118635
Ion Ratio	Lower	Upper
264	100	
260	23.5	19.4 29.2
265	18.9	16.9 25.3

