

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041621\
 Data File : BG048749.D
 Acq On : 17 Apr 2021 11:00
 Operator : CG/JU
 Sample : M2050-18
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-6

Quant Time: Apr 19 00:25:38 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)

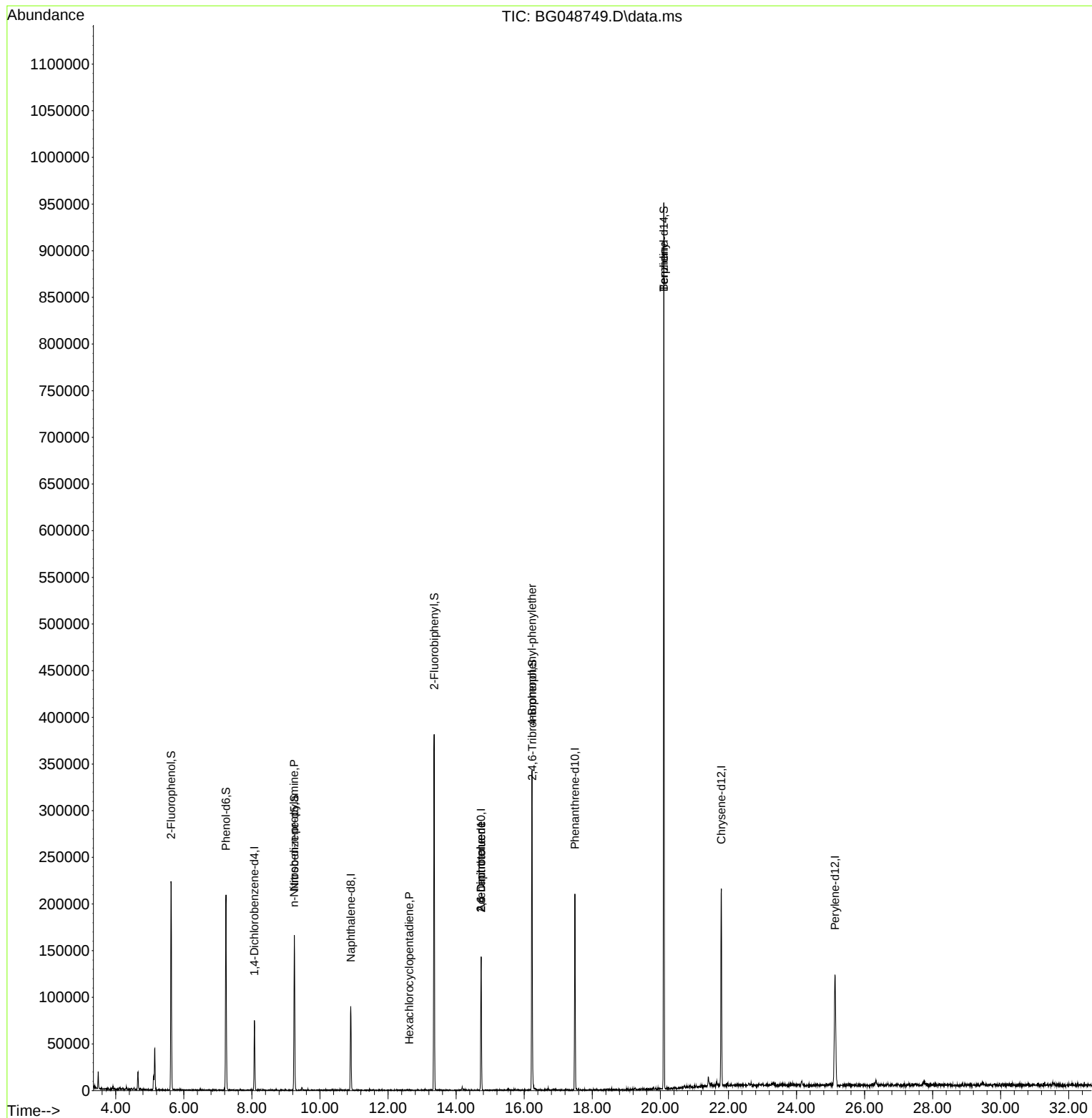
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.073	152	17002	20.00	ng	# 0.00
21) Naphthalene-d8	10.905	136	71249	20.00	ng	0.00
39) Acenaphthene-d10	14.736	164	49513	20.00	ng	0.00
64) Phenanthrene-d10	17.492	188	124282	20.00	ng	# 0.00
76) Chrysene-d12	21.792	240	132421	20.00	ng	0.00
86) Perylene-d12	25.130	264	129433	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.629	112	86994	85.58	ng	0.00
7) Phenol-d6	7.239	99	98021	68.17	ng	0.00
23) Nitrobenzene-d5	9.248	82	91307	57.37	ng	0.00
42) 2,4,6-Tribromophenol	16.234	330	57108	86.02	ng	0.00
45) 2-Fluorobiphenyl	13.355	172	187519	54.69	ng	0.00
79) Terphenyl-d14	20.100	244	429690	55.85	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.242	70	15183	15.65	ng	# 65
41) Hexachlorocyclopentadiene	12.627	237	57	5.92	ng	# 31
51) 2,6-Dinitrotoluene	14.736	165	6701	7.82	ng	# 10
57) 2,4-Dinitrotoluene	14.736	165	6701	5.39	ng	# 15
67) 4-Bromophenyl-phenylether	16.228	248	4163	2.91	ng	# 1
77) Benzidine	20.100	184	9165	2.55	ng	# 90

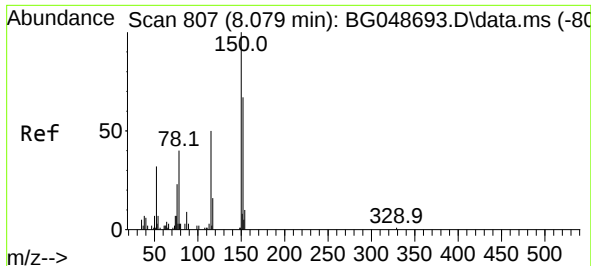
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

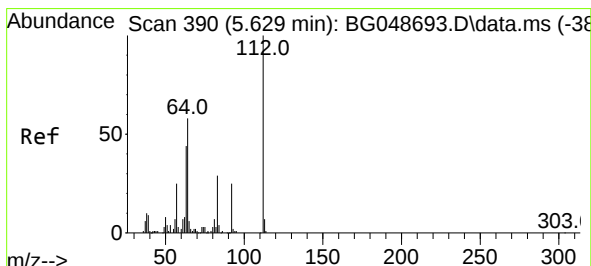
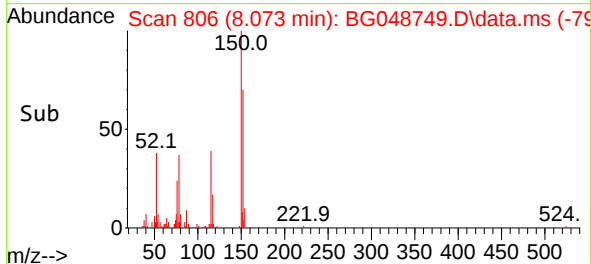
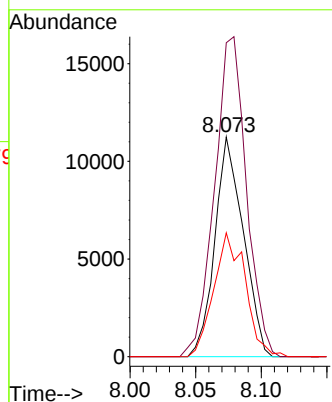
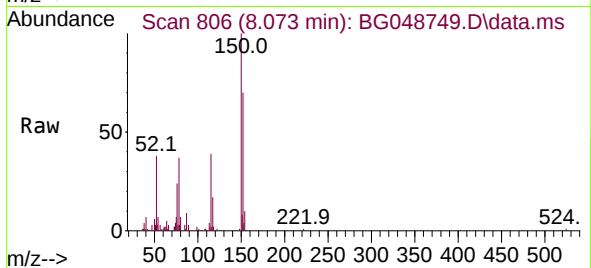




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.073 min Scan# 806
Delta R.T. -0.007 min
Lab File: BG048749.D
Acq: 17 Apr 2021 11:00

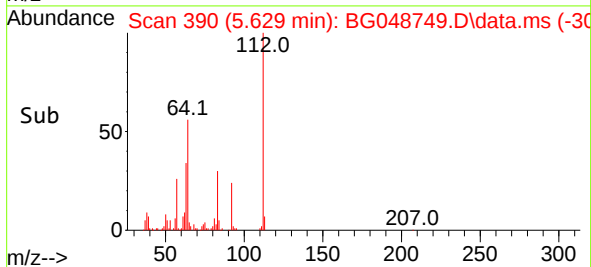
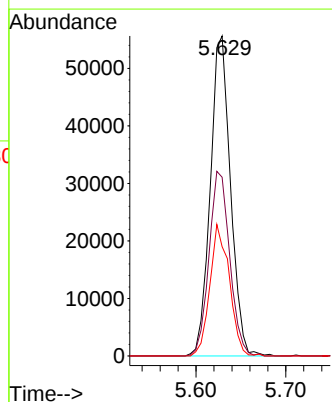
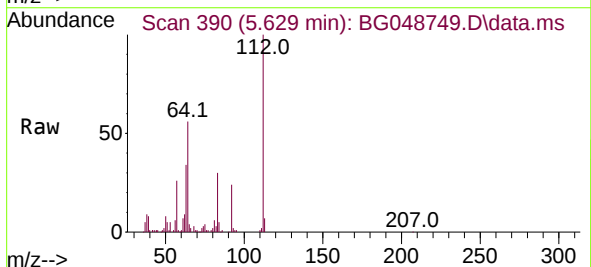
Instrument :
BNA_G
ClientSampleId :
TP-6

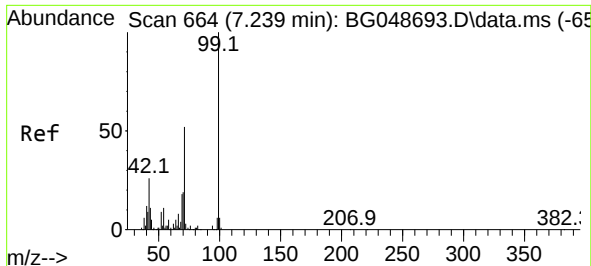
Tgt Ion:152 Resp: 17002
Ion Ratio Lower Upper
152 100
150 142.9 119.4 179.0
115 56.3 60.2 90.4#



#5
2-Fluorophenol
Concen: 85.58 ng
RT: 5.629 min Scan# 390
Delta R.T. -0.001 min
Lab File: BG048749.D
Acq: 17 Apr 2021 11:00

Tgt Ion:112 Resp: 86994
Ion Ratio Lower Upper
112 100
64 55.8 46.7 70.1
63 34.2 35.3 52.9#

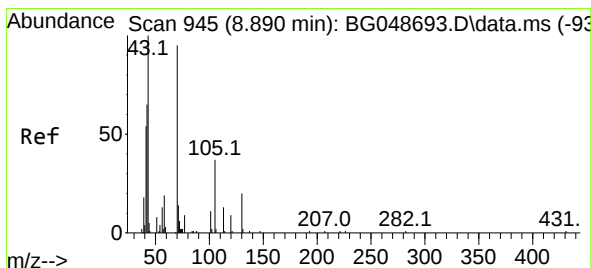
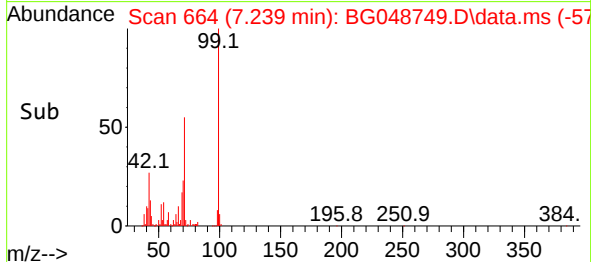
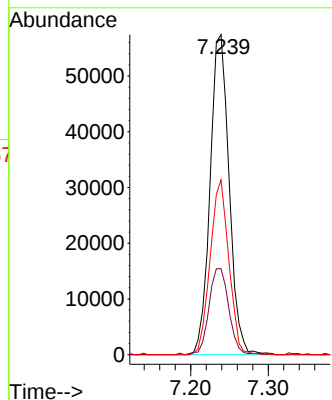
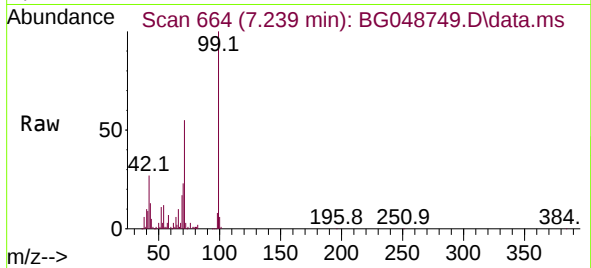




#7
Phenol-d6
Concen: 68.17 ng
RT: 7.239 min Scan# 664
Delta R.T. -0.001 min
Lab File: BG048749.D
Acq: 17 Apr 2021 11:00

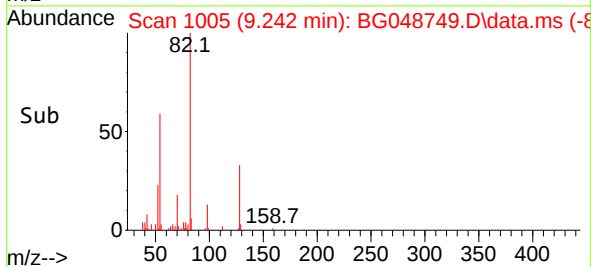
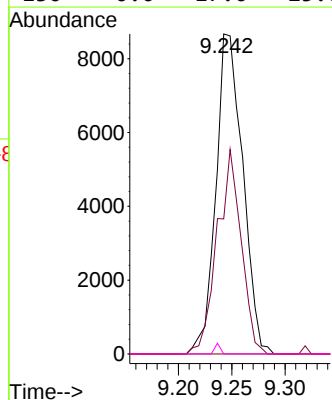
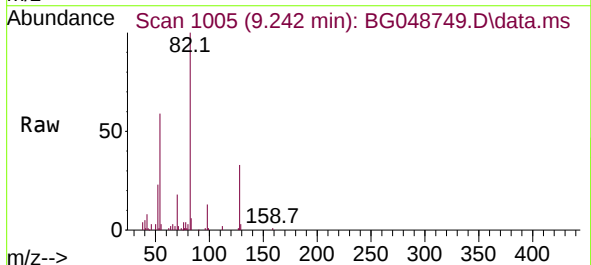
Instrument :
BNA_G
ClientSampleId :
TP-6

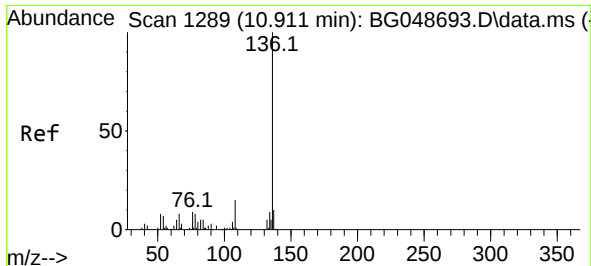
Tgt Ion:	99	Resp:	98021
Ion Ratio	Lower	Upper	
99	100		
42	26.9	20.5	30.7
71	54.6	41.5	62.3



#19
n-Nitroso-di-n-propylamine
Concen: 15.65 ng
RT: 9.242 min Scan# 1005
Delta R.T. 0.352 min
Lab File: BG048749.D
Acq: 17 Apr 2021 11:00

Tgt Ion:	70	Resp:	15183
Ion Ratio	Lower	Upper	
70	100		
42	42.2	54.5	81.7#
101	0.0	9.0	13.6#
130	0.0	17.0	25.6#

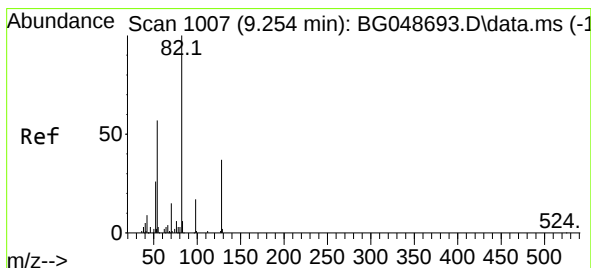
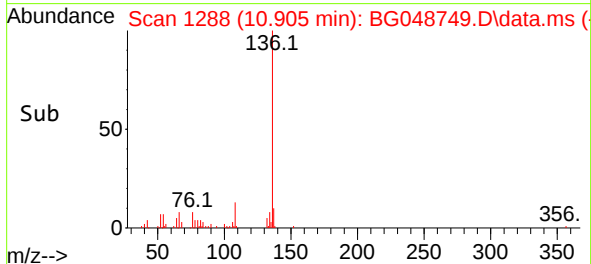
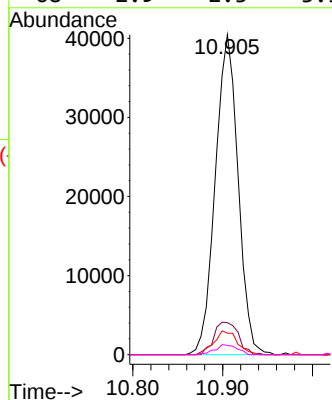
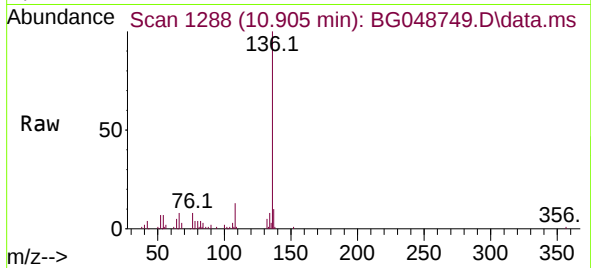




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.905 min Scan# 1288
Delta R.T. -0.007 min
Lab File: BG048749.D
Acq: 17 Apr 2021 11:00

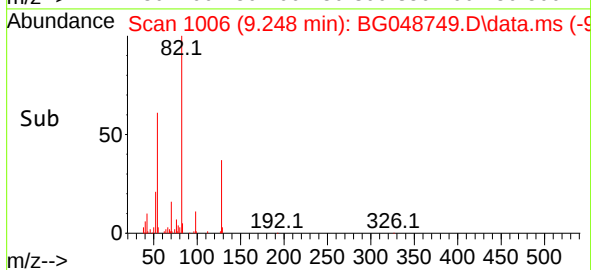
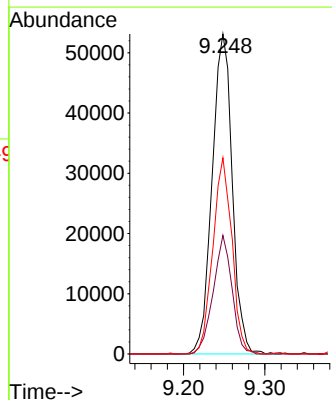
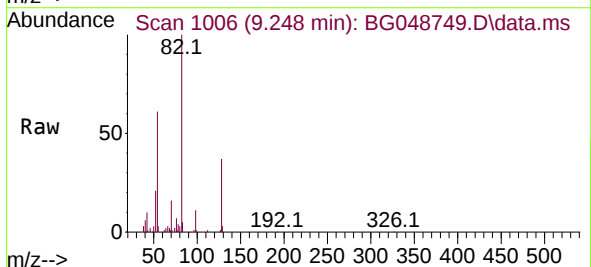
Instrument :
BNA_G
ClientSampleId :
TP-6

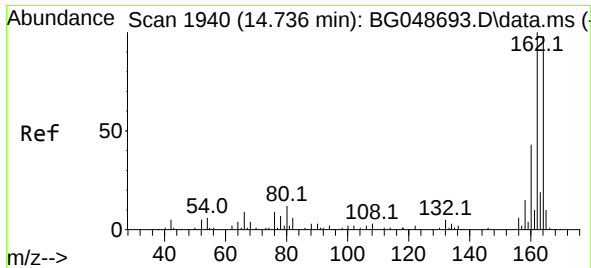
Tgt Ion:	136	Resp:	71249
Ion Ratio	Lower	Upper	
136	100		
137	10.0	8.2	12.2
54	6.7	5.5	8.3
68	2.9	2.3	3.5



#23
Nitrobenzene-d5
Concen: 57.37 ng
RT: 9.248 min Scan# 1006
Delta R.T. -0.007 min
Lab File: BG048749.D
Acq: 17 Apr 2021 11:00

Tgt Ion:	82	Resp:	91307
Ion Ratio	Lower	Upper	
82	100		
128	37.1	29.8	44.6
54	61.3	45.8	68.8

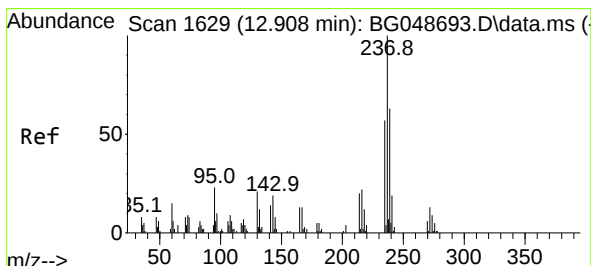
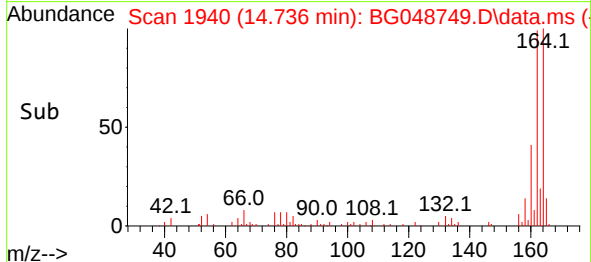
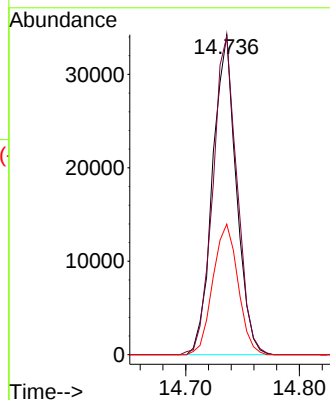
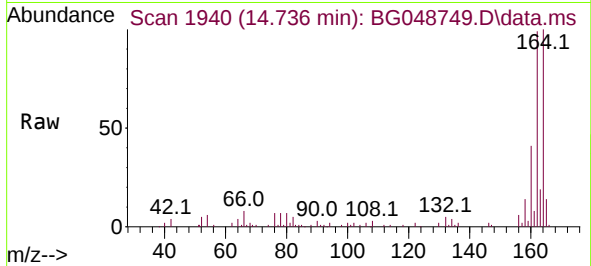




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.736 min Scan# 1940
Delta R.T. -0.007 min
Lab File: BG048749.D
Acq: 17 Apr 2021 11:00

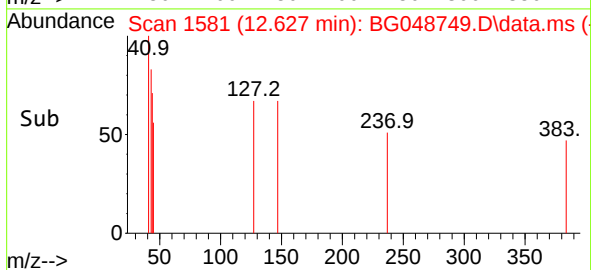
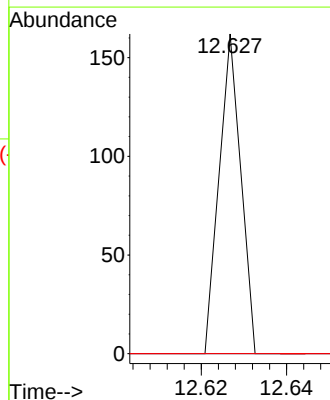
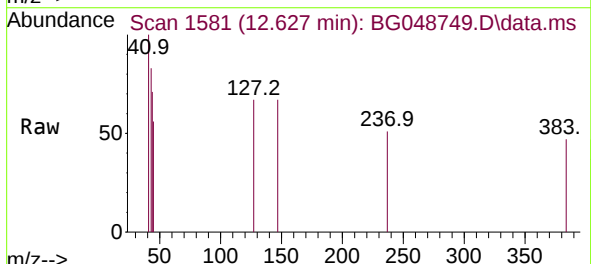
Instrument :
BNA_G
ClientSampleId :
TP-6

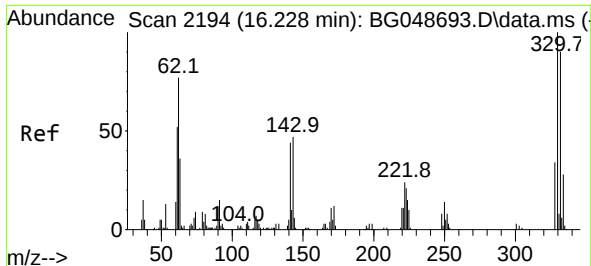
Tgt Ion:	164	Resp:	49513
Ion Ratio	Lower	Upper	
164	100		
162	99.5	81.4	122.0
160	40.8	34.9	52.3



#41
Hexachlorocyclopentadiene
Concen: 5.92 ng
RT: 12.627 min Scan# 1581
Delta R.T. -0.283 min
Lab File: BG048749.D
Acq: 17 Apr 2021 11:00

Tgt Ion:	237	Resp:	57
Ion Ratio	Lower	Upper	
237	100		
235	0.0	36.6	76.6#
272	0.0	0.0	32.5

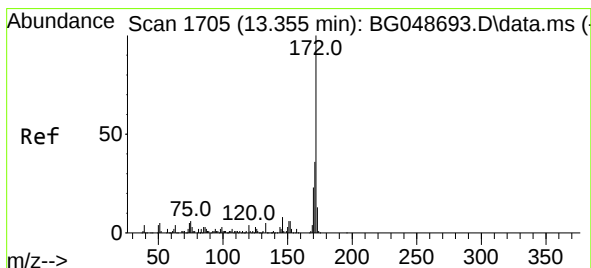
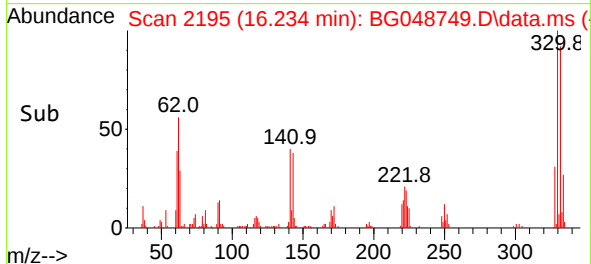
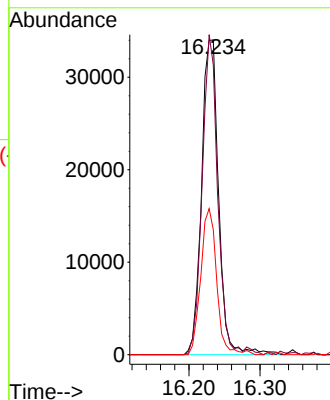
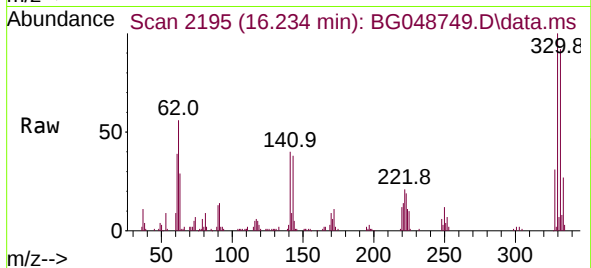




#42
2,4,6-Tribromophenol
Concen: 86.02 ng
RT: 16.234 min Scan# 2195
Delta R.T. -0.001 min
Lab File: BG048749.D
Acq: 17 Apr 2021 11:00

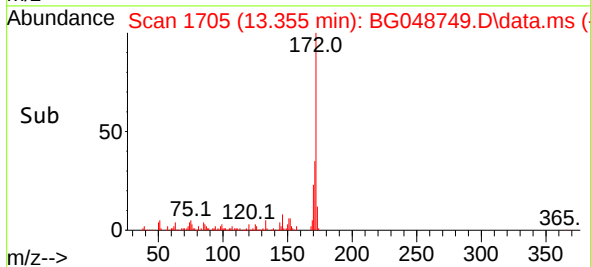
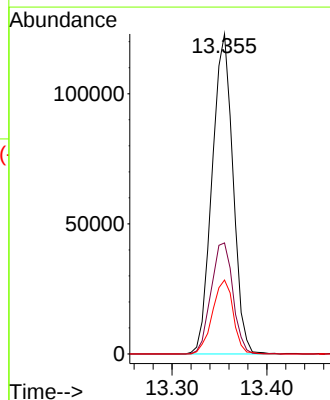
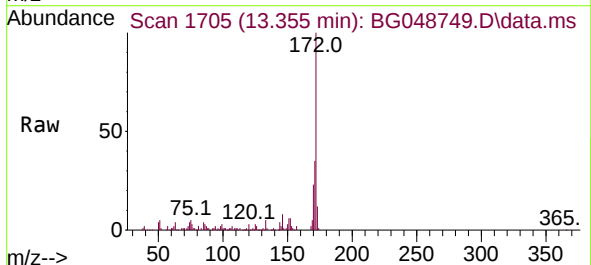
Instrument :
BNA_G
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TP-6

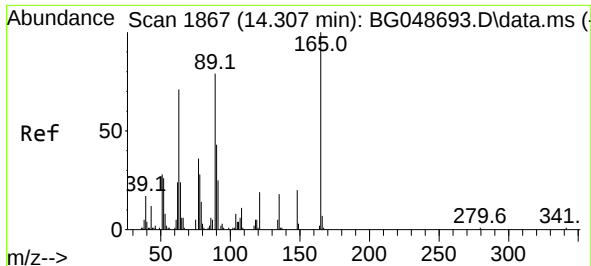
Tgt Ion:330 Resp: 57108
Ion Ratio Lower Upper
330 100
332 91.4 77.3 115.9
141 43.1 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 54.69 ng
RT: 13.355 min Scan# 1705
Delta R.T. -0.001 min
Lab File: BG048749.D
Acq: 17 Apr 2021 11:00

Tgt Ion:172 Resp: 187519
Ion Ratio Lower Upper
172 100
171 34.7 28.6 43.0
170 23.1 18.6 27.8

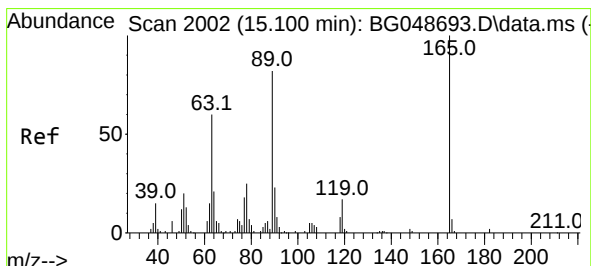
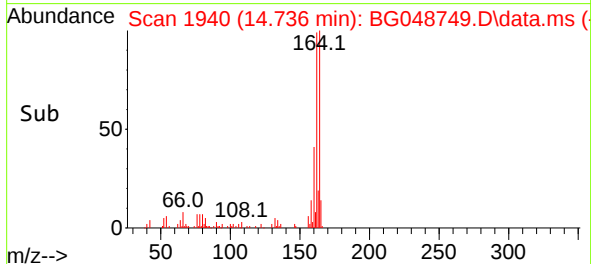
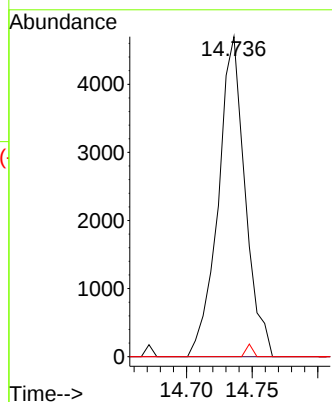
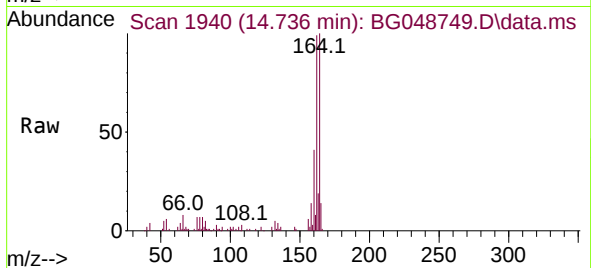




#51
2,6-Dinitrotoluene
Concen: 7.82 ng
RT: 14.736 min Scan# 1940
Delta R.T. 0.422 min
Lab File: BG048749.D
Acq: 17 Apr 2021 11:00

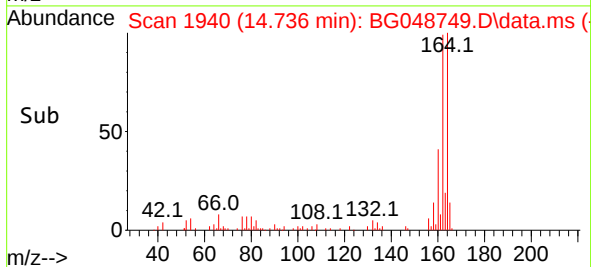
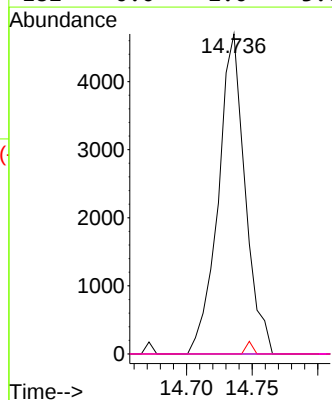
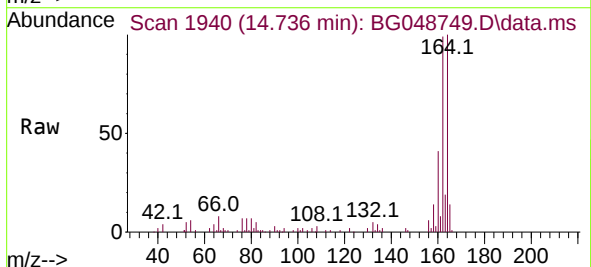
Instrument :
BNA_G
ClientSampled :
TP-6

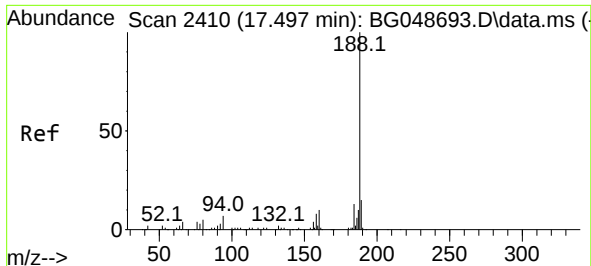
Tgt Ion:165 Resp: 6701
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 5.39 ng
RT: 14.736 min Scan# 1940
Delta R.T. -0.365 min
Lab File: BG048749.D
Acq: 17 Apr 2021 11:00

Tgt Ion:165 Resp: 6701
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#

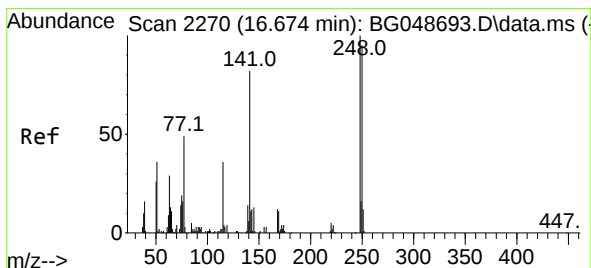
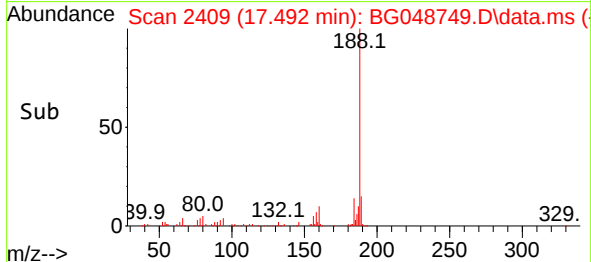
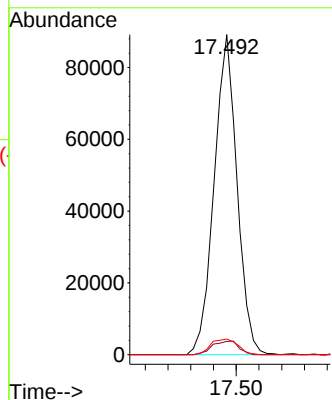
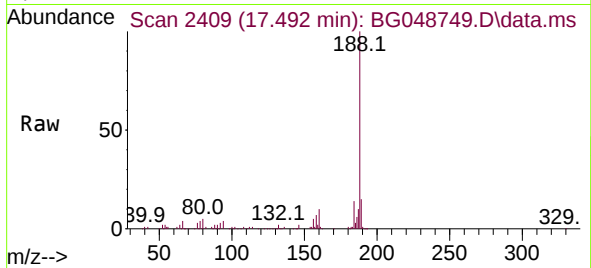




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.492 min Scan# 2409
Delta R.T. -0.007 min
Lab File: BG048749.D
Acq: 17 Apr 2021 11:00

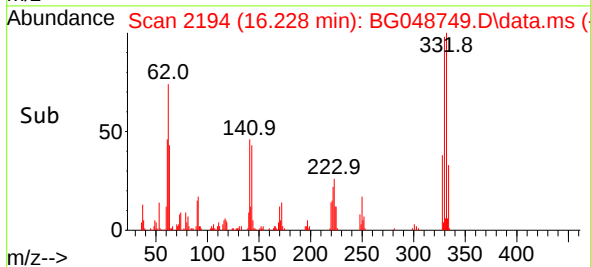
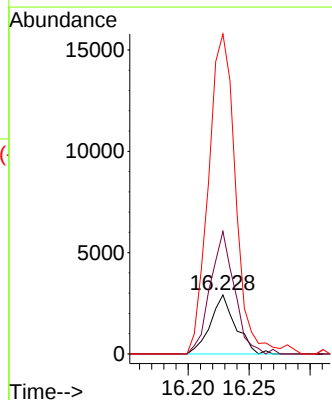
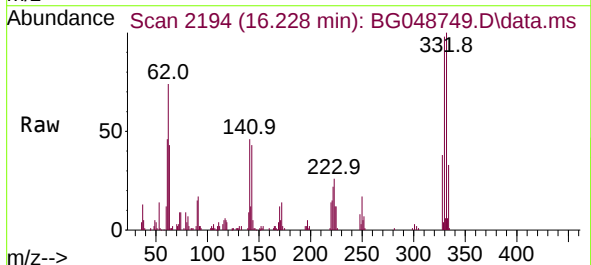
Instrument :
BNA_G
ClientSampleId :
TP-6

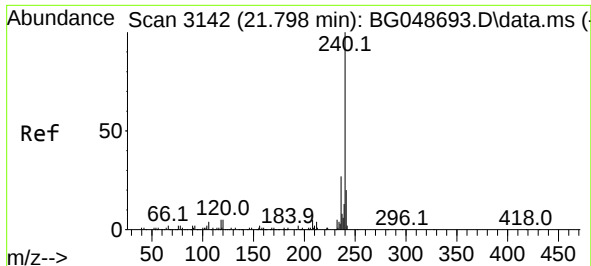
Tgt Ion:188 Resp: 124282
Ion Ratio Lower Upper
188 100
94 4.2 5.4 8.0#
80 4.9 3.7 5.5



#67
4-Bromophenyl-phenylether
Concen: 2.91 ng
RT: 16.228 min Scan# 2194
Delta R.T. -0.447 min
Lab File: BG048749.D
Acq: 17 Apr 2021 11:00

Tgt Ion:248 Resp: 4163
Ion Ratio Lower Upper
248 100
250 207.3 76.1 114.1#
141 541.6 65.4 98.2#

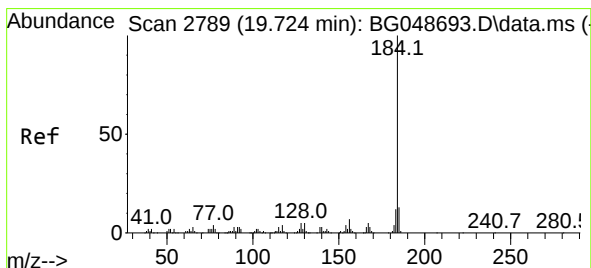
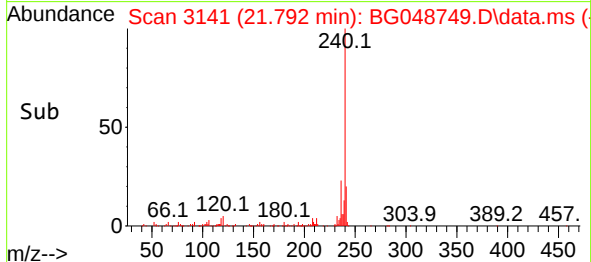
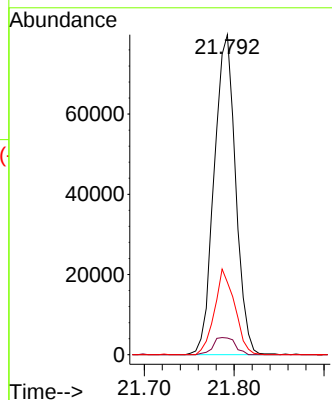
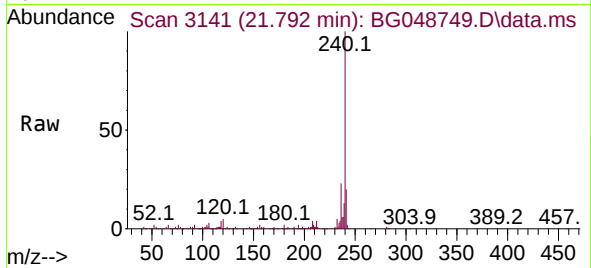




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.792 min Scan# 3141
Delta R.T. -0.007 min
Lab File: BG048749.D
Acq: 17 Apr 2021 11:00

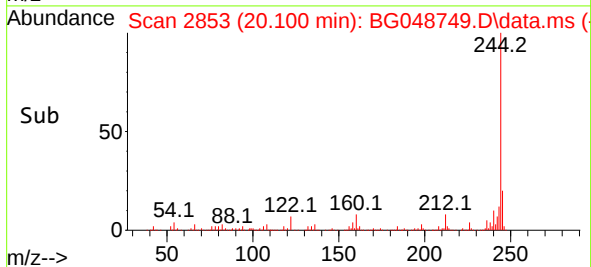
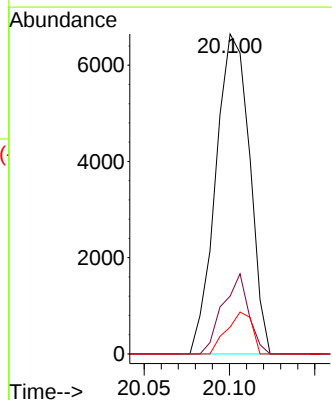
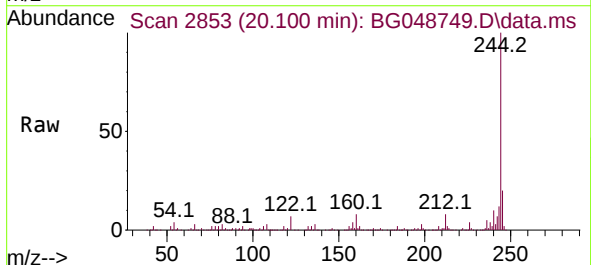
Instrument :
BNA_G
ClientSampleId :
TP-6

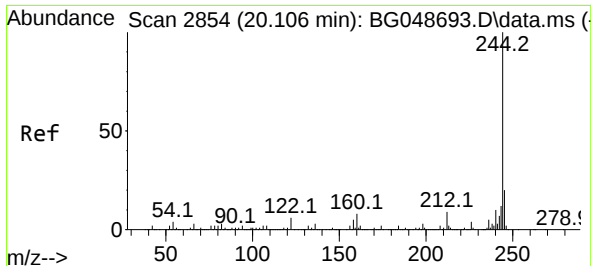
Tgt Ion:240 Resp: 132421
Ion Ratio Lower Upper
240 100
120 5.2 4.2 6.2
236 22.6 21.8 32.6



#77
Benzidine
Concen: 2.55 ng
RT: 20.100 min Scan# 2853
Delta R.T. 0.369 min
Lab File: BG048749.D
Acq: 17 Apr 2021 11:00

Tgt Ion:184 Resp: 9165
Ion Ratio Lower Upper
184 100
185 18.1 10.7 16.1#
183 8.4 9.4 14.0#

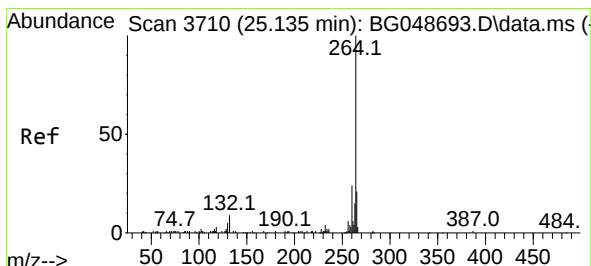
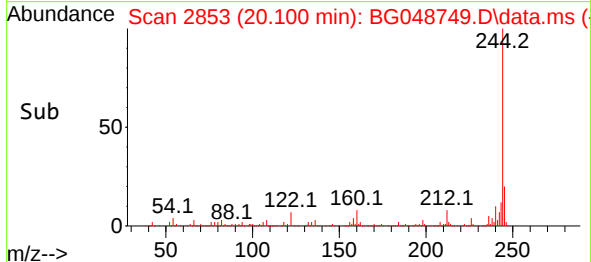
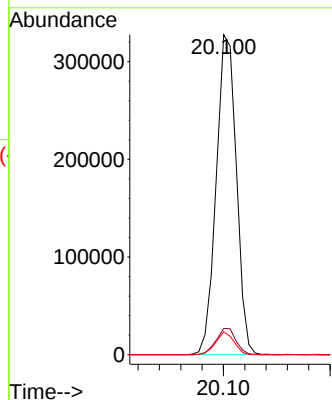
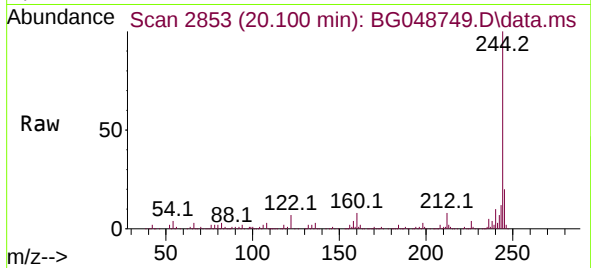




#79
 Terphenyl-d14
 Concen: 55.85 ng
 RT: 20.100 min Scan# 2853
 Delta R.T. -0.007 min
 Lab File: BG048749.D
 Acq: 17 Apr 2021 11:00

Instrument :
 BNA_G
 ClientSampled :
 TP-6

Tgt Ion:244 Resp: 429690
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.9 10.3
 122 7.2 5.0 7.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.130 min Scan# 3709
 Delta R.T. -0.013 min
 Lab File: BG048749.D
 Acq: 17 Apr 2021 11:00

Tgt Ion:264 Resp: 129433
 Ion Ratio Lower Upper
 264 100
 260 22.0 19.4 29.2
 265 24.5 16.9 25.3

