

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041621\
 Data File : BG048753.D
 Acq On : 17 Apr 2021 13:42
 Operator : CG/JU
 Sample : M2050-08
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-5

Quant Time: Apr 19 00:26:22 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)

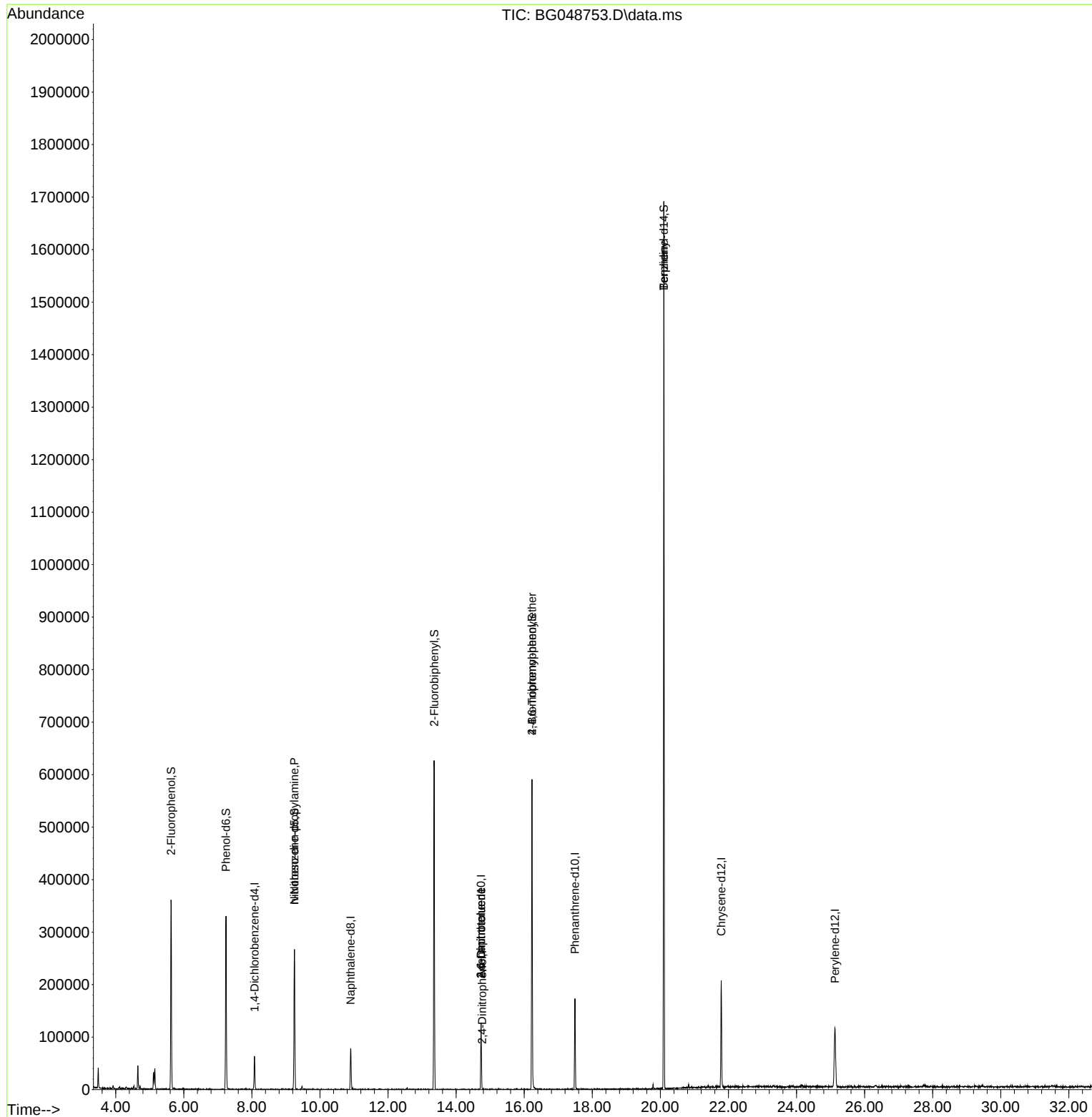
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.076	152	15446	20.00	ng	0.00
21) Naphthalene-d8	10.902	136	63183	20.00	ng	#-0.01
39) Acenaphthene-d10	14.733	164	44412	20.00	ng	-0.01
64) Phenanthrene-d10	17.488	188	110509	20.00	ng	#-0.01
76) Chrysene-d12	21.789	240	122449	20.00	ng	#-0.01
86) Perylene-d12	25.126	264	119536	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.626	112	136580	147.89	ng	0.00
7) Phenol-d6	7.241	99	156120	119.51	ng	0.00
23) Nitrobenzene-d5	9.251	82	152516	108.07	ng	0.00
42) 2,4,6-Tribromophenol	16.231	330	96085	161.36	ng	0.00
45) 2-Fluorobiphenyl	13.358	172	312567	101.64	ng	0.00
79) Terphenyl-d14	20.103	244	720485	101.27	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.251	70	24487	27.78	ng	# 76
51) 2,6-Dinitrotoluene	14.733	165	5785	7.53	ng	# 12
54) 2,4-Dinitrophenol	14.768	184	55	5.39	ng	# 8
57) 2,4-Dinitrotoluene	14.733	165	5785	5.18	ng	# 18
67) 4-Bromophenyl-phenylether	16.231	248	6975	5.48	ng	# 1
77) Benzidine	20.103	184	14258	4.29	ng	# 89

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

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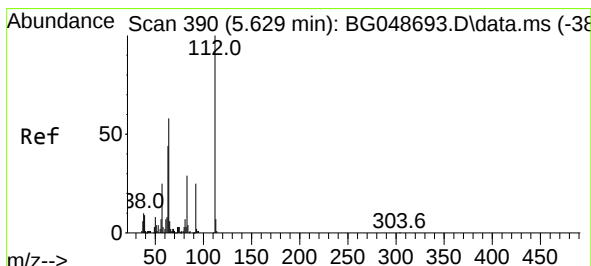
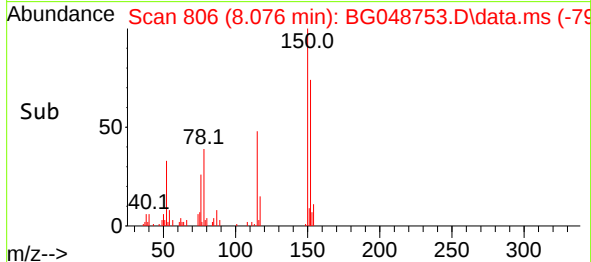
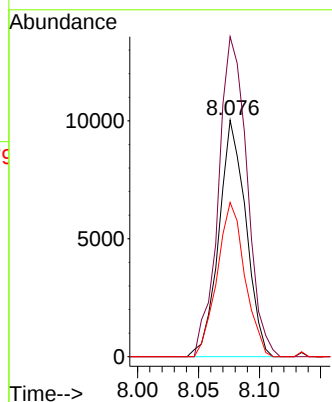
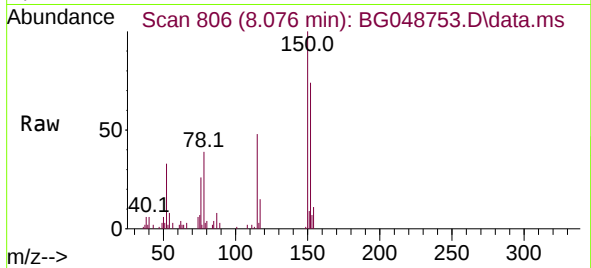




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.076 min Scan# 806
Delta R.T. -0.004 min
Lab File: BG048753.D
Acq: 17 Apr 2021 13:42

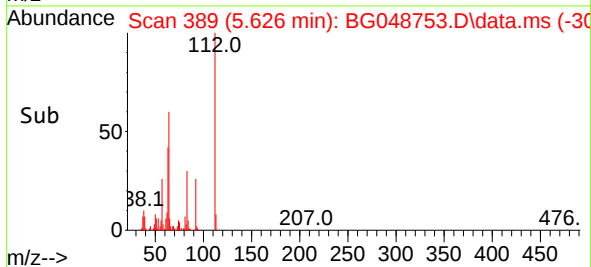
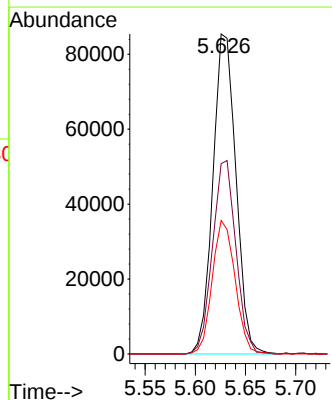
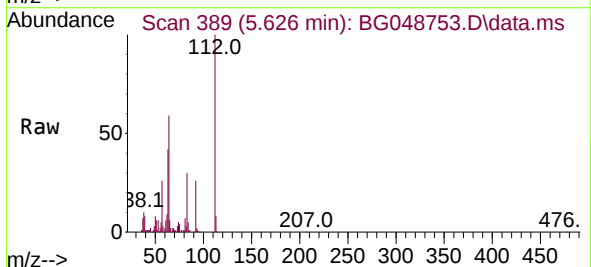
Instrument :
BNA_G
ClientSampled :
TP-5

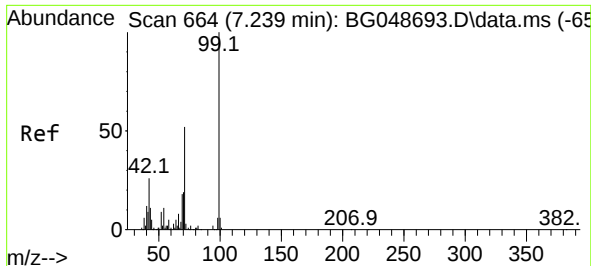
Tgt Ion:152 Resp: 15446
Ion Ratio Lower Upper
152 100
150 135.3 119.4 179.0
115 65.2 60.2 90.4



#5
2-Fluorophenol
Concen: 147.89 ng
RT: 5.626 min Scan# 389
Delta R.T. -0.004 min
Lab File: BG048753.D
Acq: 17 Apr 2021 13:42

Tgt Ion:112 Resp: 136580
Ion Ratio Lower Upper
112 100
64 59.5 46.7 70.1
63 41.7 35.3 52.9

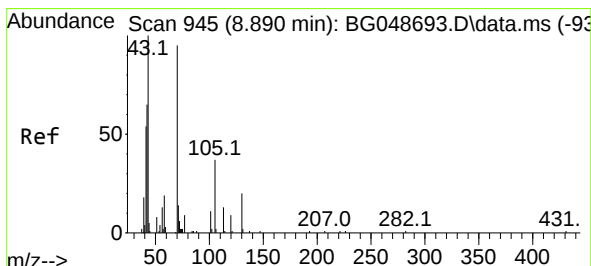
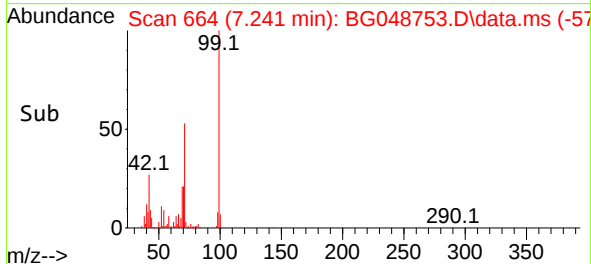
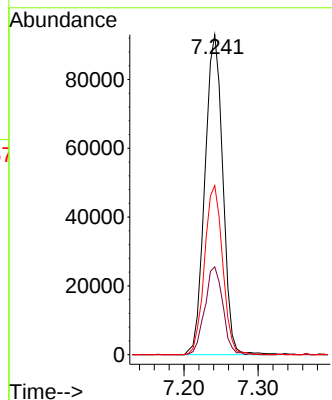
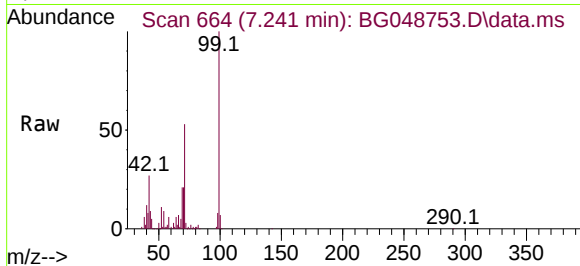




#7
Phenol-d6
Concen: 119.51 ng
RT: 7.241 min Scan# 664
Delta R.T. 0.002 min
Lab File: BG048753.D
Acq: 17 Apr 2021 13:42

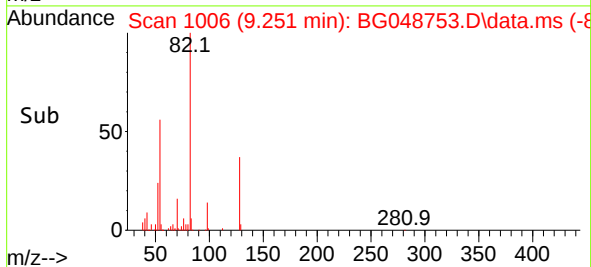
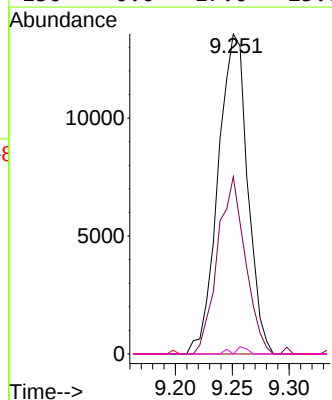
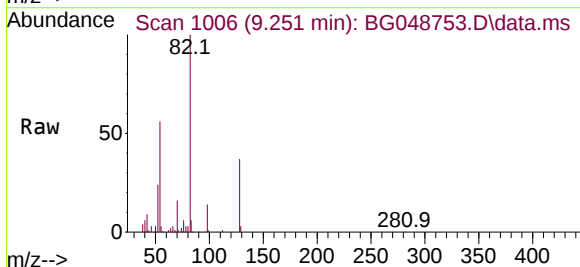
Instrument :
BNA_G
ClientSampleId :
TP-5

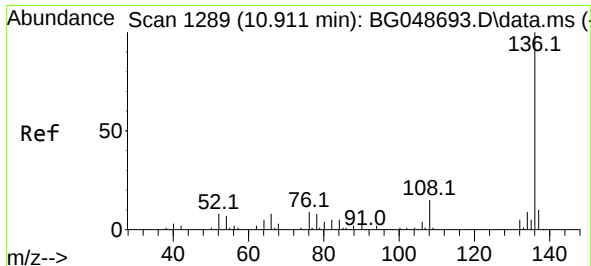
Tgt Ion: 99 Resp: 156120
Ion Ratio Lower Upper
99 100
42 27.5 20.5 30.7
71 52.9 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 27.78 ng
RT: 9.251 min Scan# 1006
Delta R.T. 0.360 min
Lab File: BG048753.D
Acq: 17 Apr 2021 13:42

Tgt Ion: 70 Resp: 24487
Ion Ratio Lower Upper
70 100
42 55.4 54.5 81.7
101 0.0 9.0 13.6#
130 0.0 17.0 25.6#

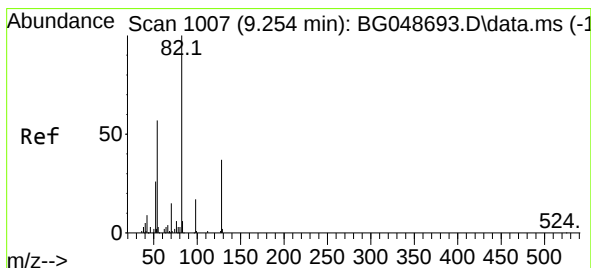
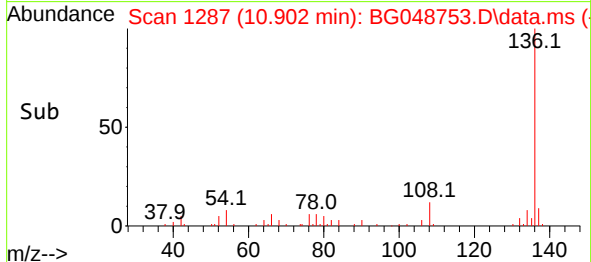
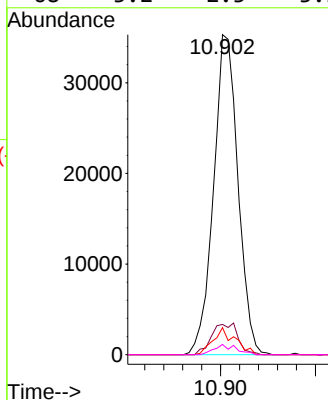
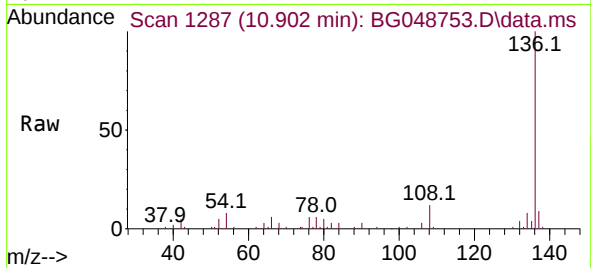




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.902 min Scan# 1287
Delta R.T. -0.010 min
Lab File: BG048753.D
Acq: 17 Apr 2021 13:42

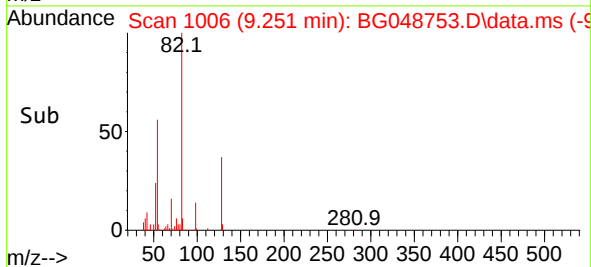
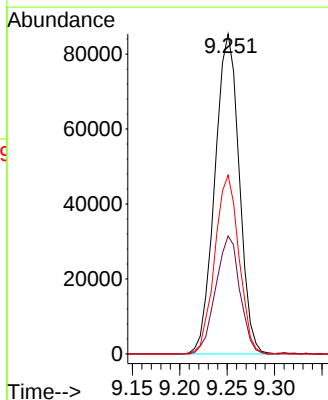
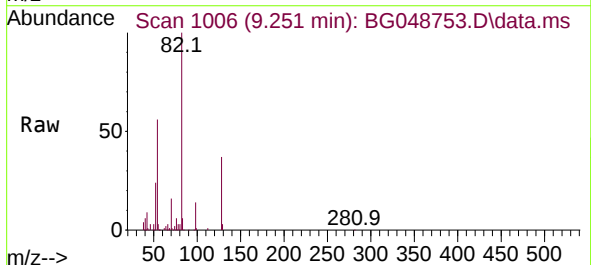
Instrument :
BNA_G
ClientSampled :
TP-5

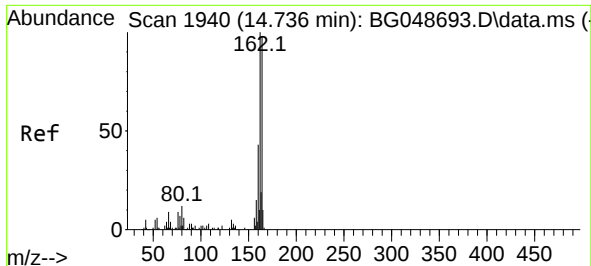
Tgt Ion:136	Resp:	63183
Ion Ratio	Lower	Upper
136	100	
137	9.5	8.2 12.2
54	8.5	5.5 8.3#
68	3.2	2.3 3.5



#23
Nitrobenzene-d5
Concen: 108.07 ng
RT: 9.251 min Scan# 1006
Delta R.T. -0.004 min
Lab File: BG048753.D
Acq: 17 Apr 2021 13:42

Tgt Ion: 82	Resp:	152516
Ion Ratio	Lower	Upper
82	100	
128	36.9	29.8 44.6
54	55.9	45.8 68.8

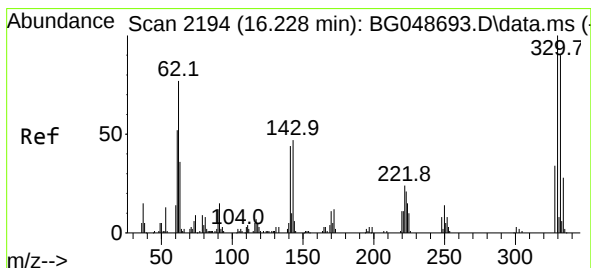
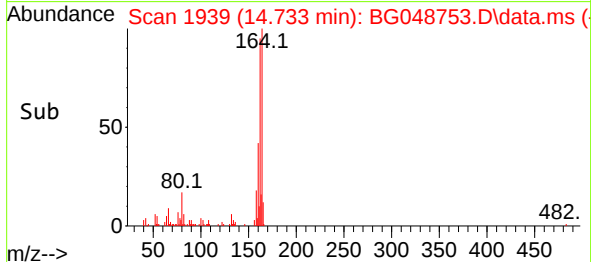
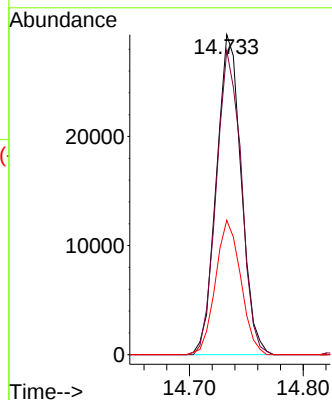
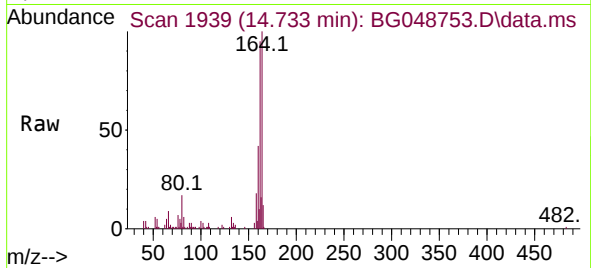




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.733 min Scan# 1939
Delta R.T. -0.010 min
Lab File: BG048753.D
Acq: 17 Apr 2021 13:42

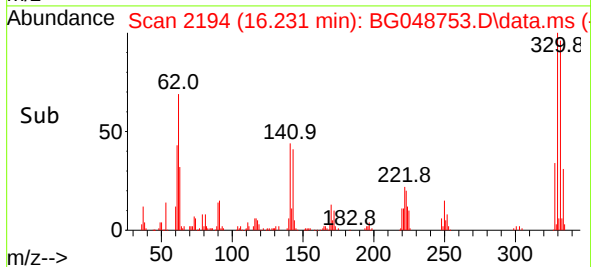
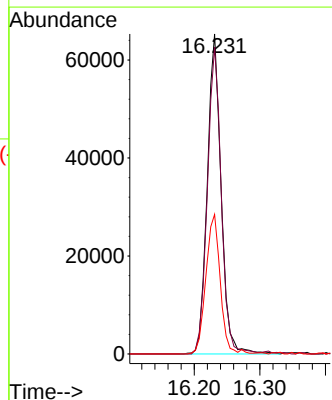
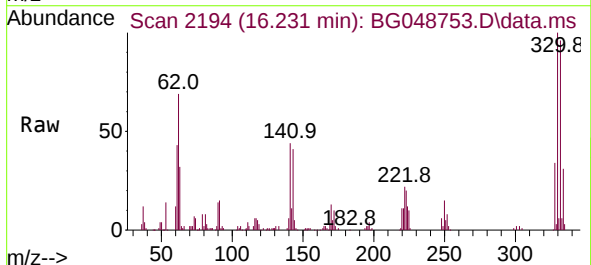
Instrument :
BNA_G
ClientSampleId :
TP-5

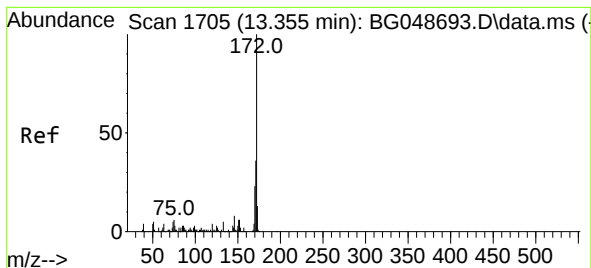
Tgt Ion:164	Resp:	44412
Ion Ratio	Lower	Upper
164	100	
162	95.1	81.4 122.0
160	42.0	34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 161.36 ng
RT: 16.231 min Scan# 2194
Delta R.T. -0.004 min
Lab File: BG048753.D
Acq: 17 Apr 2021 13:42

Tgt Ion:330	Resp:	96085
Ion Ratio	Lower	Upper
330	100	
332	96.2	77.3 115.9
141	45.3	35.6 53.4

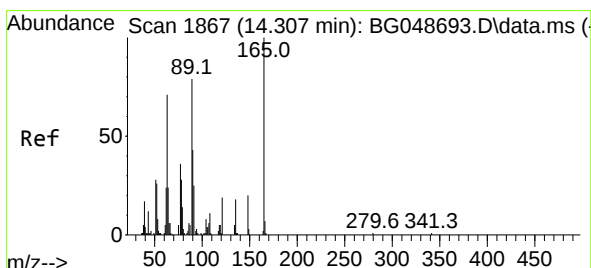
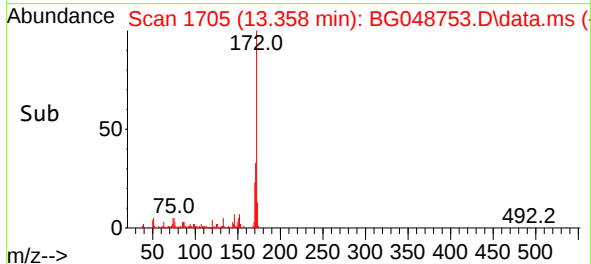
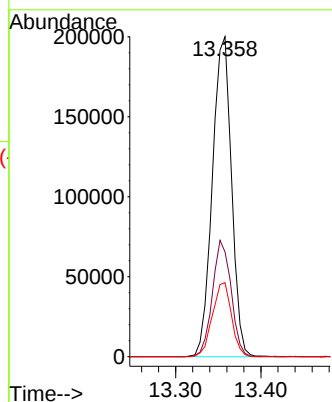
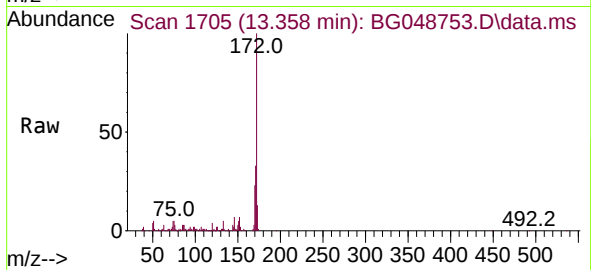




#45
2-Fluorobiphenyl
Concen: 101.64 ng
RT: 13.358 min Scan# 1705
Delta R.T. 0.002 min
Lab File: BG048753.D
Acq: 17 Apr 2021 13:42

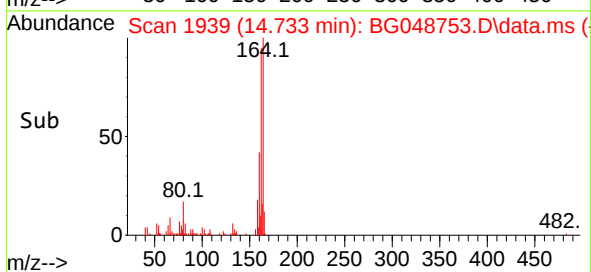
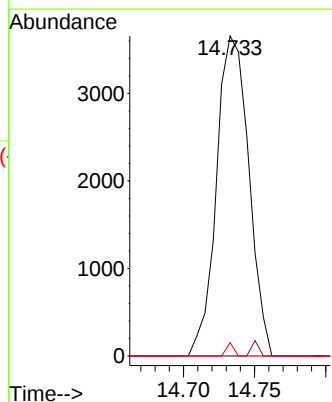
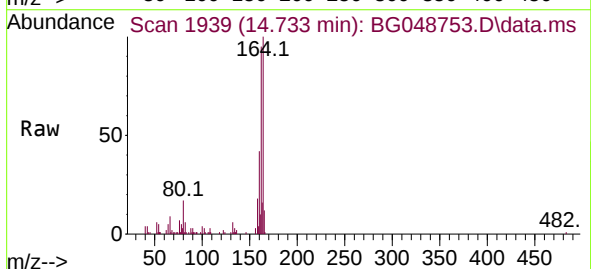
Instrument :
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ClientSampleId :
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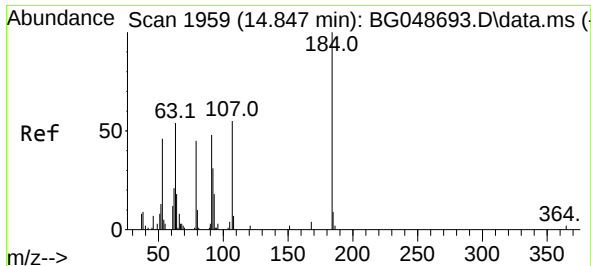
Tgt Ion:	172	Resp:	312567
Ion Ratio	Lower	Upper	
172	100		
171	32.7	28.6	43.0
170	23.2	18.6	27.8



#51
2,6-Dinitrotoluene
Concen: 7.53 ng
RT: 14.733 min Scan# 1939
Delta R.T. 0.419 min
Lab File: BG048753.D
Acq: 17 Apr 2021 13:42

Tgt Ion:	165	Resp:	5785
Ion Ratio	Lower	Upper	
165	100		
63	0.0	63.3	94.9#
89	4.1	63.4	95.0#

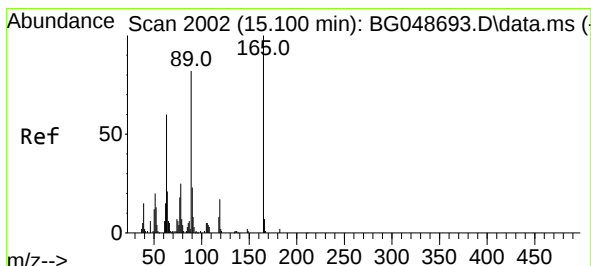
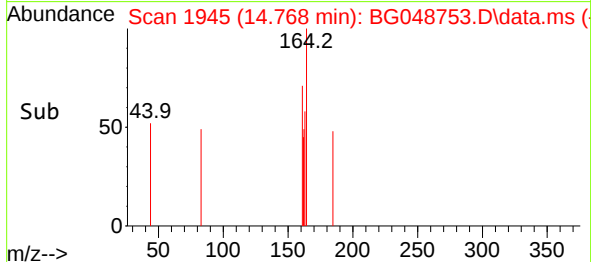
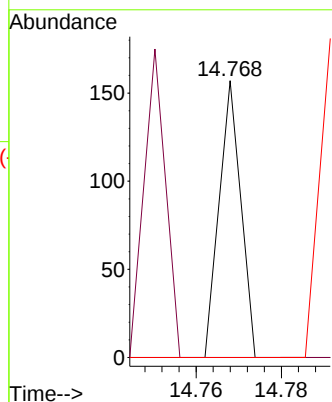
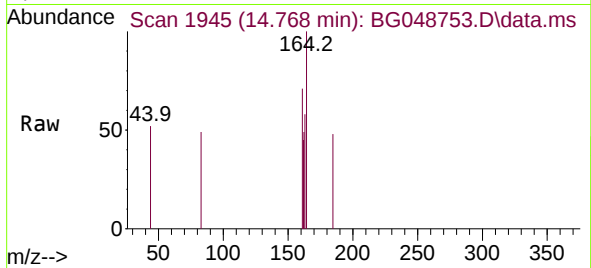




#54
2,4-Dinitrophenol
Concen: 5.39 ng
RT: 14.768 min Scan# 1945
Delta R.T. -0.086 min
Lab File: BG048753.D
Acq: 17 Apr 2021 13:42

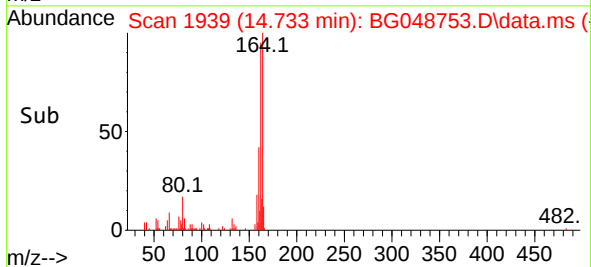
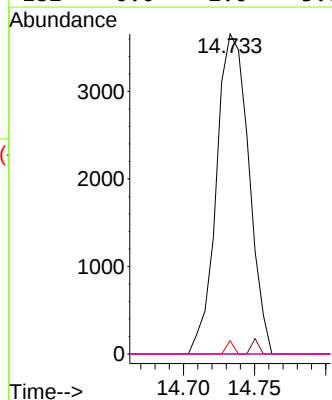
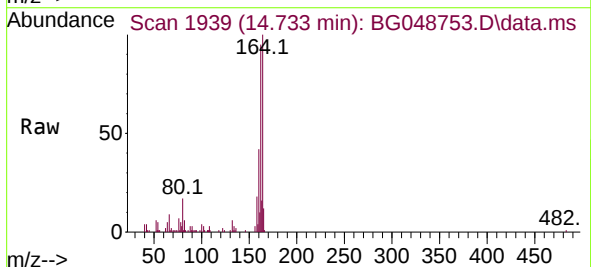
Instrument :
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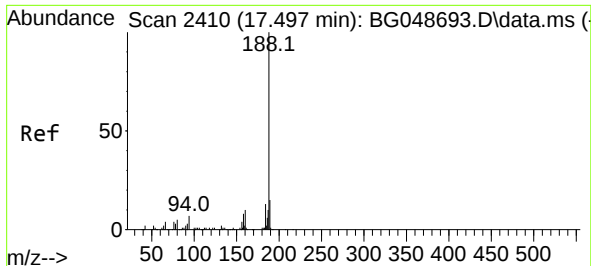
Tgt Ion:184 Resp: 55
Ion Ratio Lower Upper
184 100
63 0.0 68.3 102.5#
154 0.0 62.6 93.8#



#57
2,4-Dinitrotoluene
Concen: 5.18 ng
RT: 14.733 min Scan# 1939
Delta R.T. -0.368 min
Lab File: BG048753.D
Acq: 17 Apr 2021 13:42

Tgt Ion:165 Resp: 5785
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 4.1 65.4 98.0#
182 0.0 2.0 3.0#

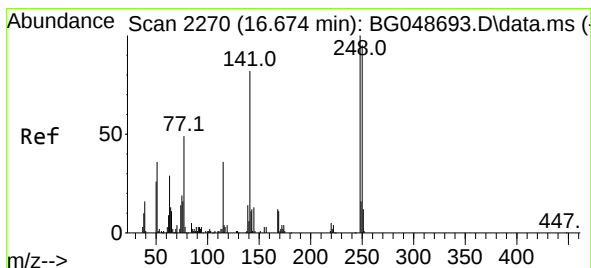
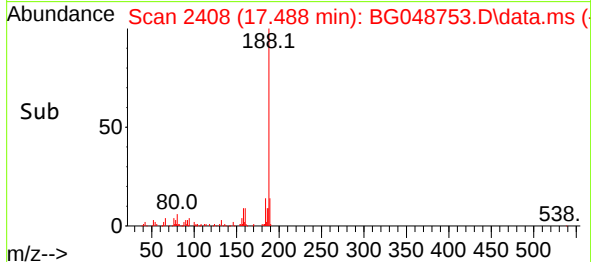
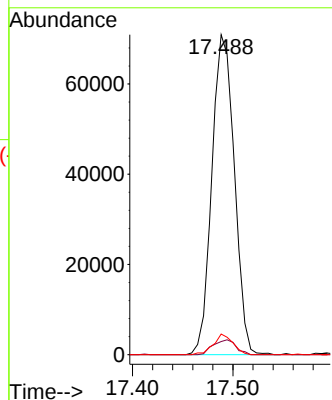
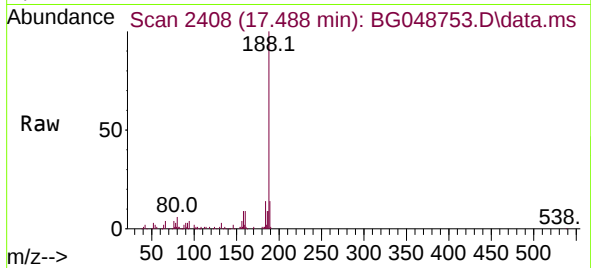




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.488 min Scan# 2408
Delta R.T. -0.010 min
Lab File: BG048753.D
Acq: 17 Apr 2021 13:42

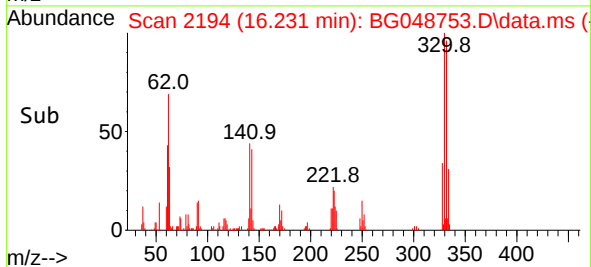
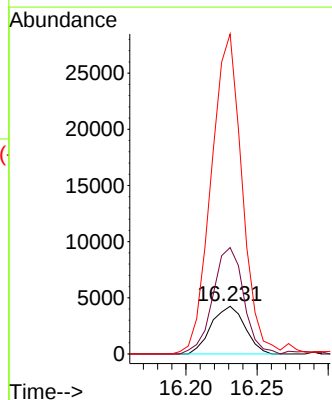
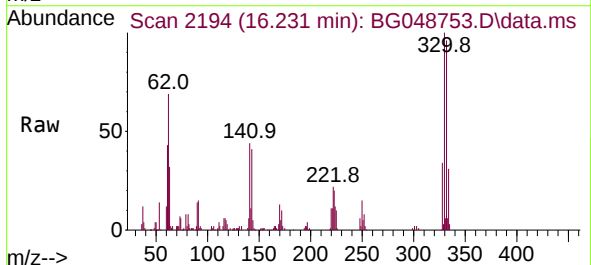
Instrument :
BNA_G
ClientSampleId :
TP-5

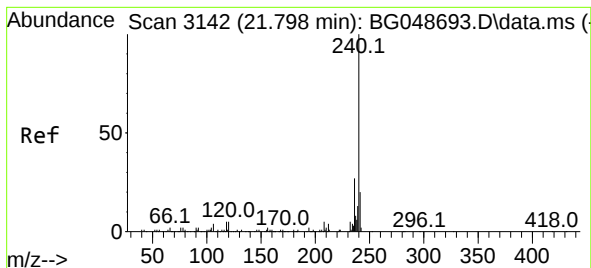
Tgt Ion:188 Resp: 110509
Ion Ratio Lower Upper
188 100
94 4.1 5.4 8.0#
80 6.4 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 5.48 ng
RT: 16.231 min Scan# 2194
Delta R.T. -0.445 min
Lab File: BG048753.D
Acq: 17 Apr 2021 13:42

Tgt Ion:248 Resp: 6975
Ion Ratio Lower Upper
248 100
250 223.2 76.1 114.1#
141 671.3 65.4 98.2#

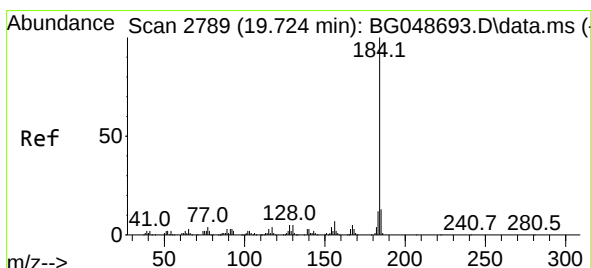
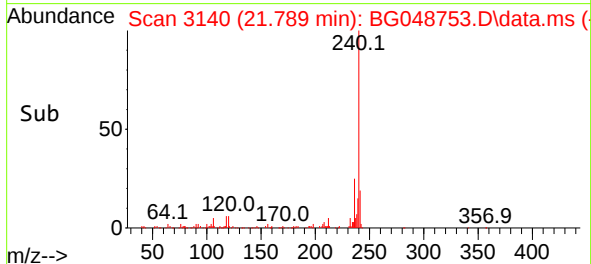
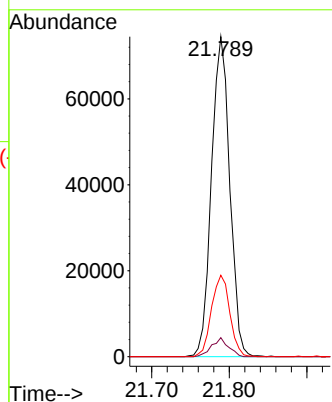
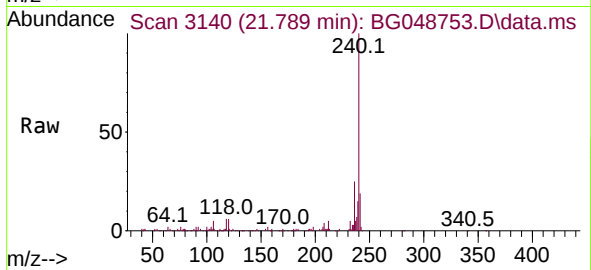




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.789 min Scan# 3140
Delta R.T. -0.010 min
Lab File: BG048753.D
Acq: 17 Apr 2021 13:42

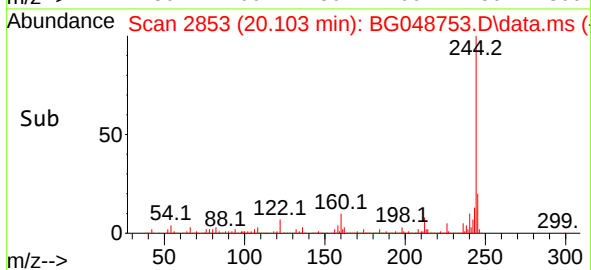
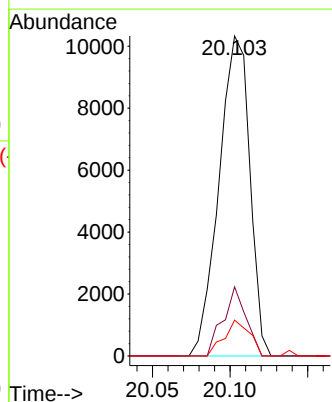
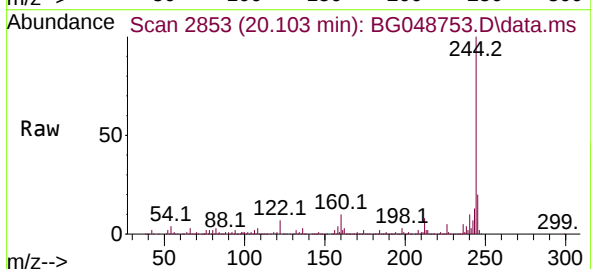
Instrument :
BNA_G
ClientSampleId :
TP-5

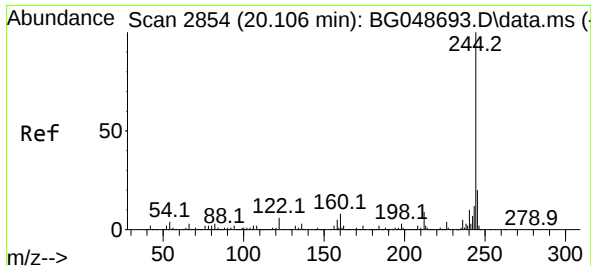
Tgt Ion:240 Resp: 122449
Ion Ratio Lower Upper
240 100
120 7.3 4.2 6.2#
236 25.5 21.8 32.6



#77
Benzidine
Concen: 4.29 ng
RT: 20.103 min Scan# 2853
Delta R.T. 0.372 min
Lab File: BG048753.D
Acq: 17 Apr 2021 13:42

Tgt Ion:184 Resp: 14258
Ion Ratio Lower Upper
184 100
185 21.6 10.7 16.1#
183 11.2 9.4 14.0

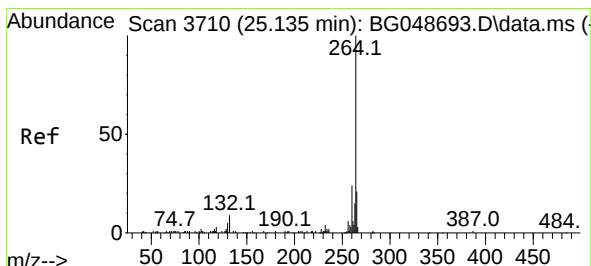
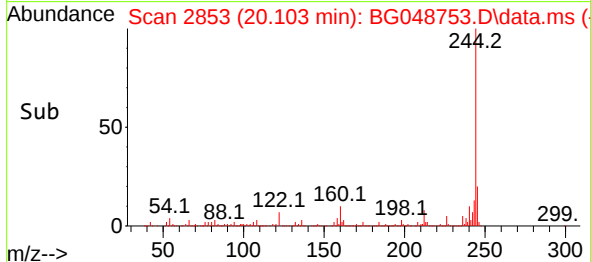
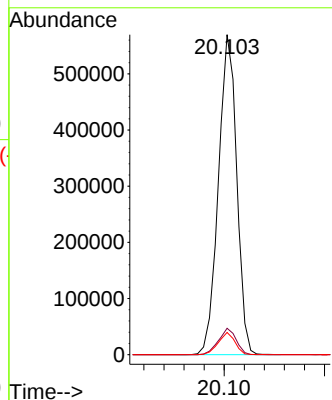
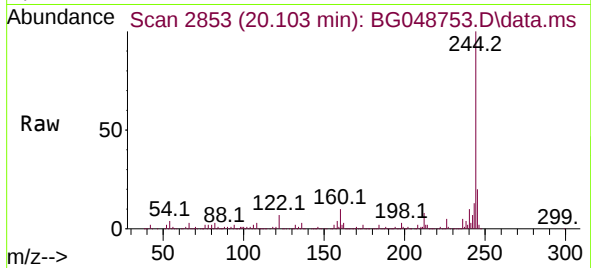




#79
Terphenyl-d14
Concen: 101.27 ng
RT: 20.103 min Scan# 2853
Delta R.T. -0.004 min
Lab File: BG048753.D
Acq: 17 Apr 2021 13:42

Instrument :
BNA_G
ClientSampled :
TP-5

Tgt Ion:244 Resp: 720485
Ion Ratio Lower Upper
244 100
212 8.3 6.9 10.3
122 7.0 5.0 7.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.126 min Scan# 3708
Delta R.T. -0.016 min
Lab File: BG048753.D
Acq: 17 Apr 2021 13:42

Tgt Ion:264 Resp: 119536
Ion Ratio Lower Upper
264 100
260 26.7 19.4 29.2
265 23.2 16.9 25.3

