

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041621\
 Data File : BG048752.D
 Acq On : 17 Apr 2021 13:01
 Operator : CG/JU
 Sample : M2050-06
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-9

Quant Time: Apr 19 00:26:11 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)

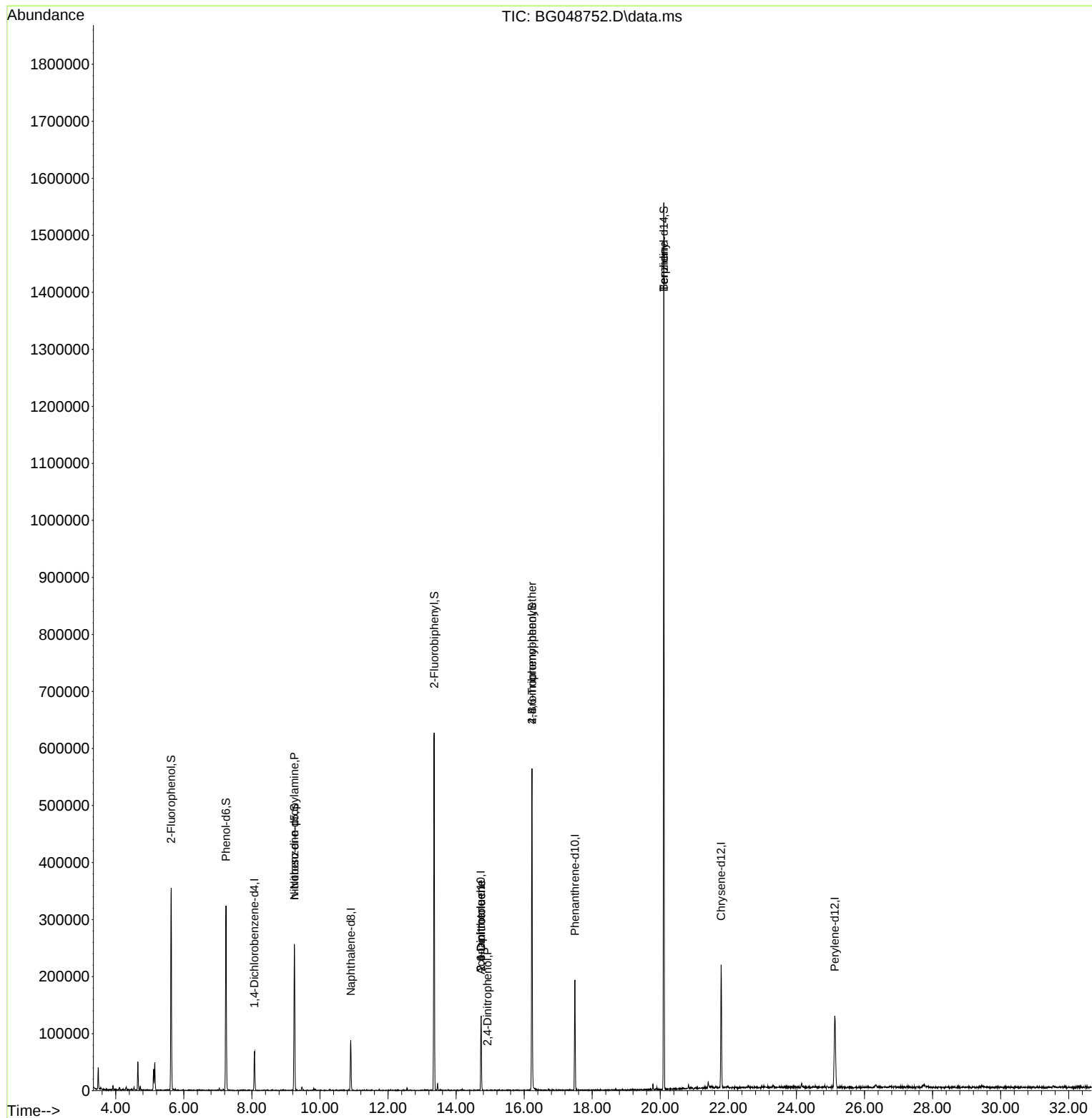
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.074	152	16570	20.00	ng	0.00
21) Naphthalene-d8	10.906	136	68762	20.00	ng	# 0.00
39) Acenaphthene-d10	14.731	164	46182	20.00	ng	-0.01
64) Phenanthrene-d10	17.493	188	122345	20.00	ng	# 0.00
76) Chrysene-d12	21.788	240	132831	20.00	ng	-0.01
86) Perylene-d12	25.125	264	131035	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.630	112	133523	134.77	ng	0.00
7) Phenol-d6	7.240	99	143409	102.34	ng	0.00
23) Nitrobenzene-d5	9.249	82	146541	95.41	ng	0.00
42) 2,4,6-Tribromophenol	16.230	330	88515	142.95	ng	0.00
45) 2-Fluorobiphenyl	13.356	172	307447	96.14	ng	0.00
79) Terphenyl-d14	20.101	244	674042	87.34	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.249	70	23715	25.08	ng	# 76
51) 2,6-Dinitrotoluene	14.737	165	7044	8.81	ng	# 10
54) 2,4-Dinitrophenol	14.919	184	54	5.39	ng	# 8
57) 2,4-Dinitrotoluene	14.737	165	7044	6.07	ng	# 15
67) 4-Bromophenyl-phenylether	16.230	248	6709	4.76	ng	# 1
77) Benzidine	20.101	184	13905	3.85	ng	# 82

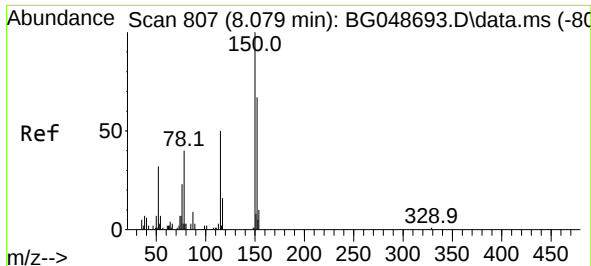
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

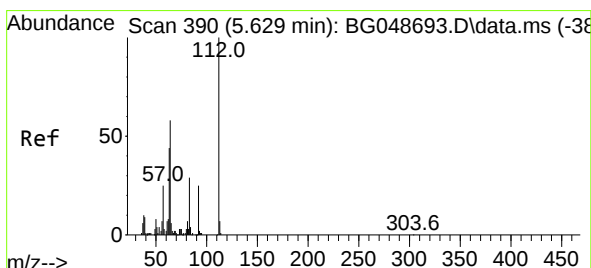
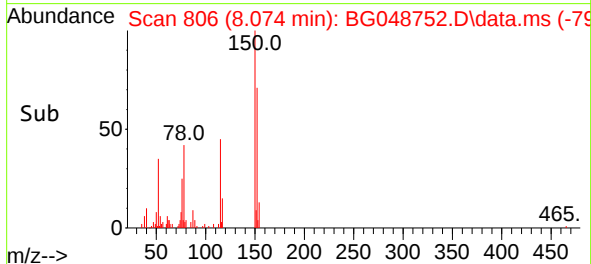
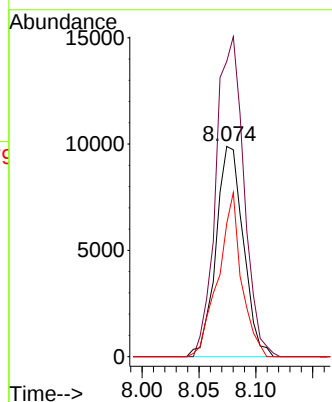
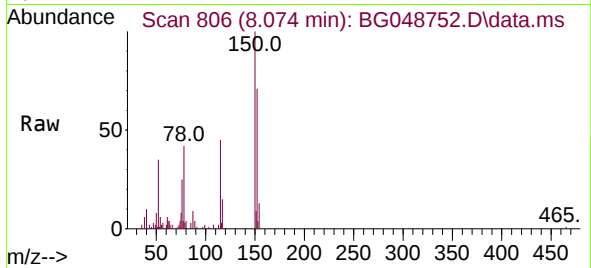




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.074 min Scan# 806
Delta R.T. -0.006 min
Lab File: BG048752.D
Acq: 17 Apr 2021 13:01

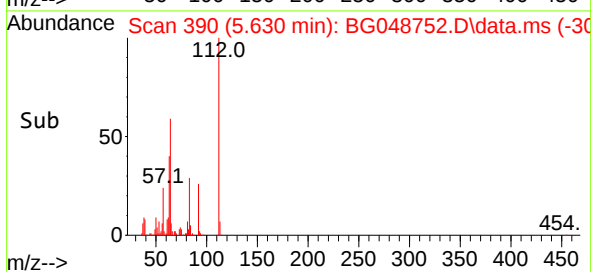
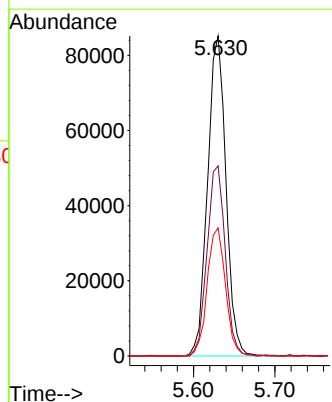
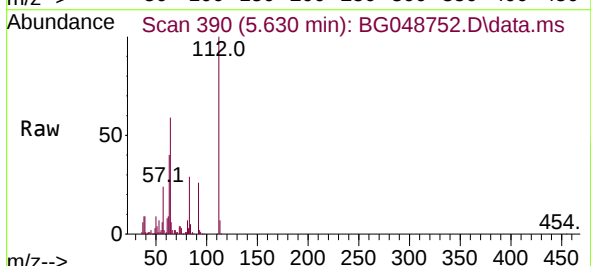
Instrument :
BNA_G
ClientSampleId :
TP-9

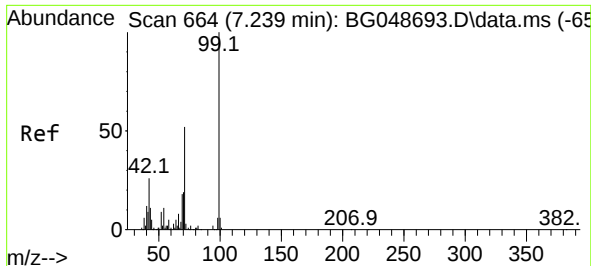
Tgt Ion:152 Resp: 16570
Ion Ratio Lower Upper
152 100
150 140.4 119.4 179.0
115 63.3 60.2 90.4



#5
2-Fluorophenol
Concen: 134.77 ng
RT: 5.630 min Scan# 390
Delta R.T. 0.000 min
Lab File: BG048752.D
Acq: 17 Apr 2021 13:01

Tgt Ion:112 Resp: 133523
Ion Ratio Lower Upper
112 100
64 59.4 46.7 70.1
63 40.0 35.3 52.9

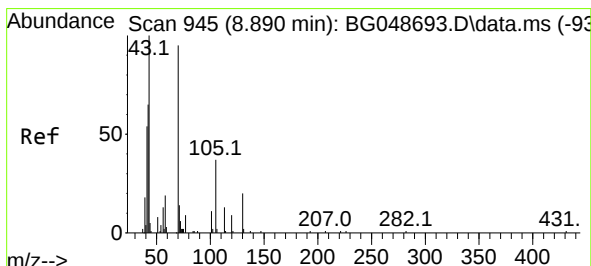
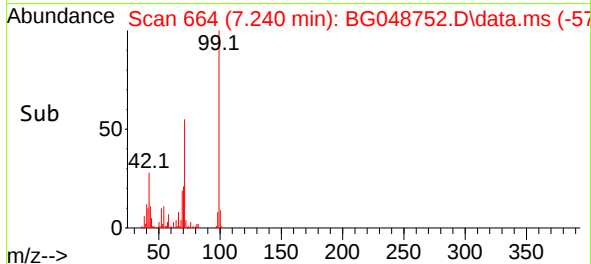
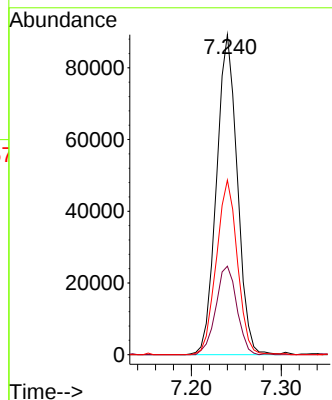
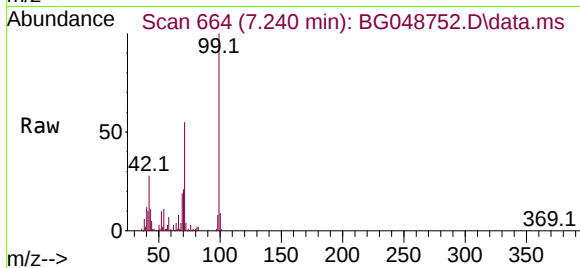




#7
Phenol-d6
Concen: 102.34 ng
RT: 7.240 min Scan# 664
Delta R.T. 0.000 min
Lab File: BG048752.D
Acq: 17 Apr 2021 13:01

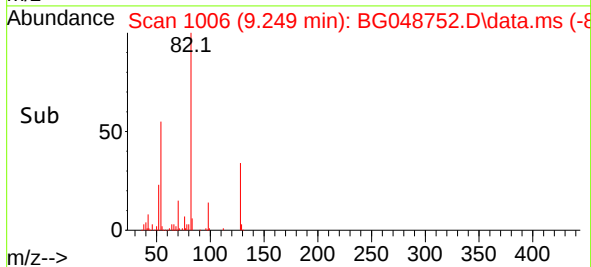
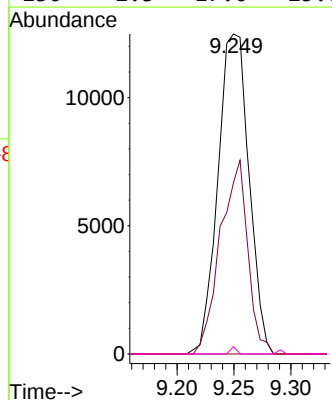
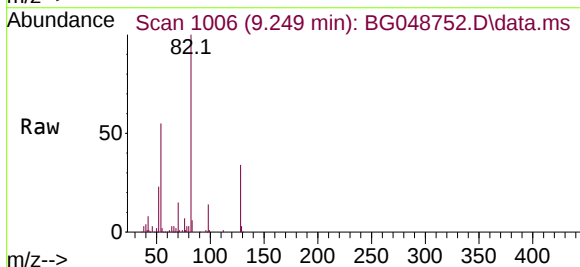
Instrument :
BNA_G
ClientSampleId :
TP-9

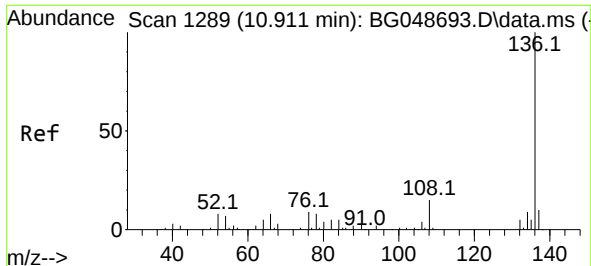
Tgt Ion: 99 Resp: 143409
Ion Ratio Lower Upper
99 100
42 27.7 20.5 30.7
71 54.5 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 25.08 ng
RT: 9.249 min Scan# 1006
Delta R.T. 0.359 min
Lab File: BG048752.D
Acq: 17 Apr 2021 13:01

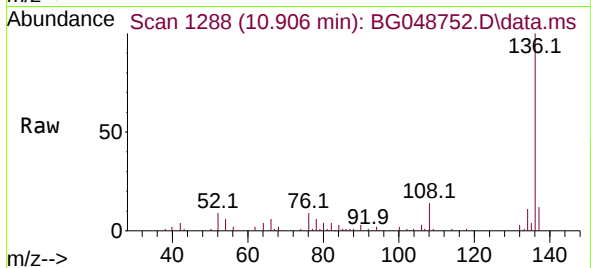
Tgt Ion: 70 Resp: 23715
Ion Ratio Lower Upper
70 100
42 53.5 54.5 81.7#
101 0.0 9.0 13.6#
130 2.3 17.0 25.6#



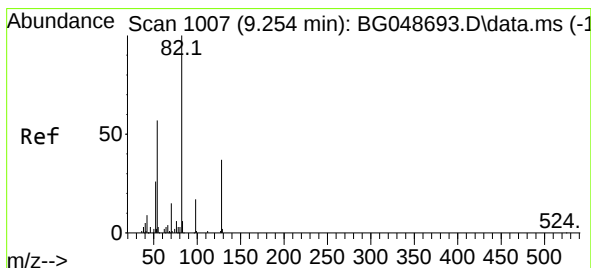
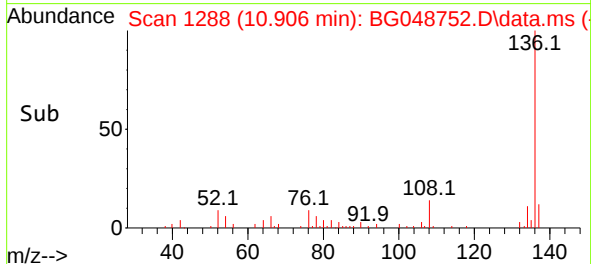
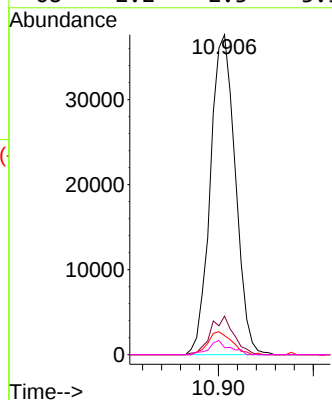


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.906 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BG048752.D
Acq: 17 Apr 2021 13:01

Instrument :
BNA_G
ClientSampleId :
TP-9

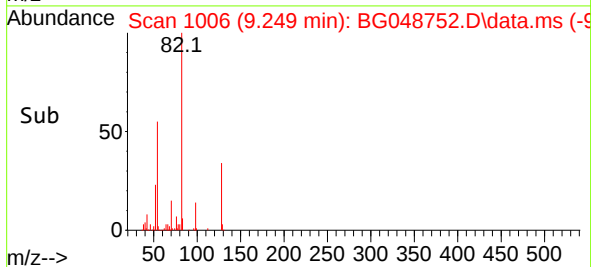
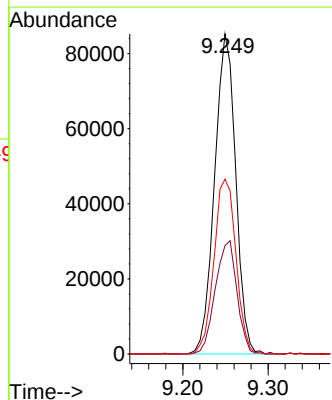
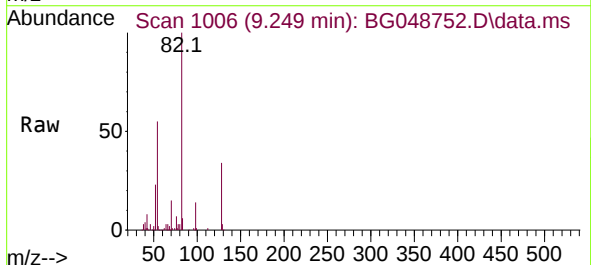


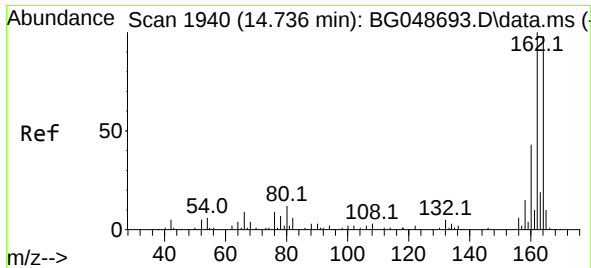
Tgt Ion:136 Resp: 68762
Ion Ratio Lower Upper
136 100
137 12.0 8.2 12.2
54 6.0 5.5 8.3
68 2.2 2.3 3.5#



#23
Nitrobenzene-d5
Concen: 95.41 ng
RT: 9.249 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BG048752.D
Acq: 17 Apr 2021 13:01

Tgt Ion: 82 Resp: 146541
Ion Ratio Lower Upper
82 100
128 33.9 29.8 44.6
54 54.6 45.8 68.8

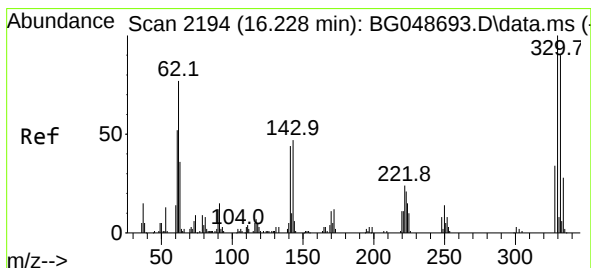
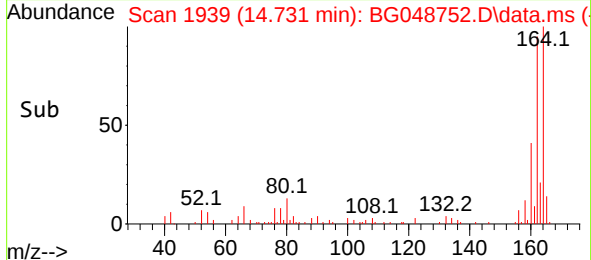
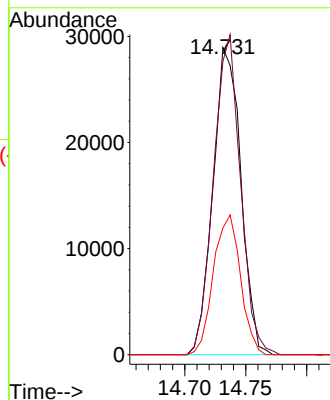
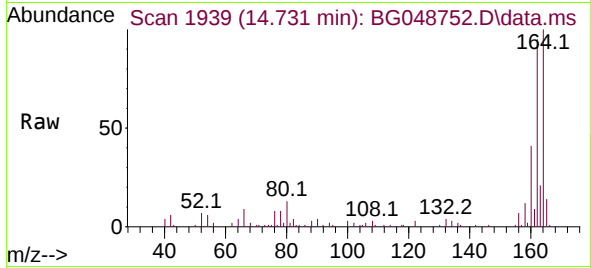




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.731 min Scan# 1939
Delta R.T. -0.011 min
Lab File: BG048752.D
Acq: 17 Apr 2021 13:01

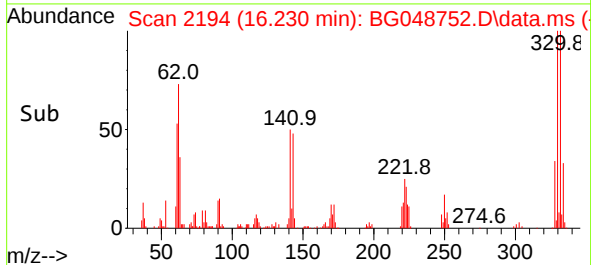
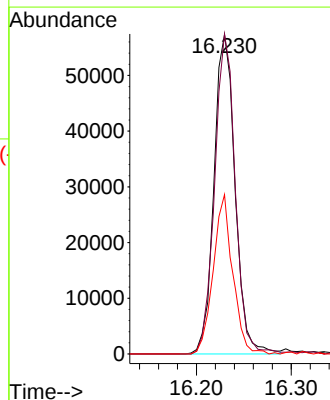
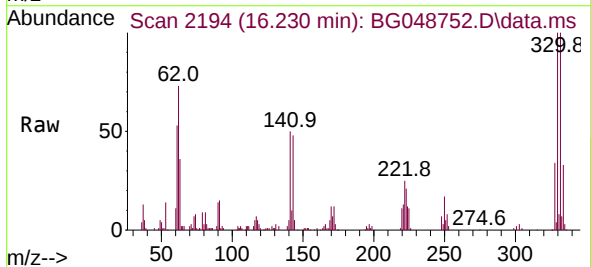
Instrument :
BNA_G
ClientSampleId :
TP-9

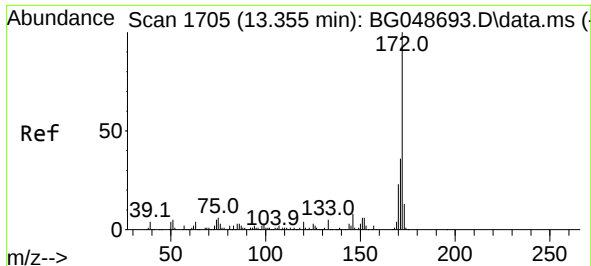
Tgt Ion:164 Resp: 46182
Ion Ratio Lower Upper
164 100
162 95.5 81.4 122.0
160 41.2 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 142.95 ng
RT: 16.230 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BG048752.D
Acq: 17 Apr 2021 13:01

Tgt Ion:330 Resp: 88515
Ion Ratio Lower Upper
330 100
332 98.2 77.3 115.9
141 46.2 35.6 53.4

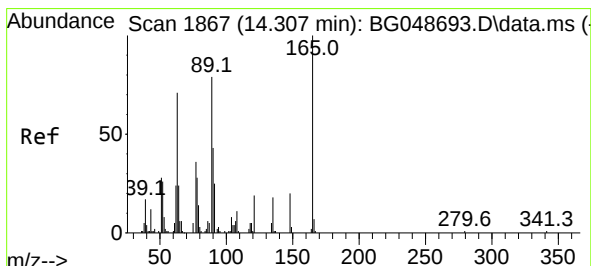
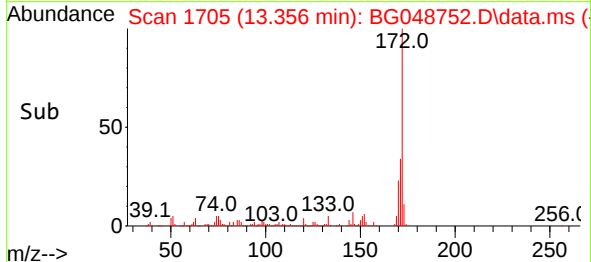
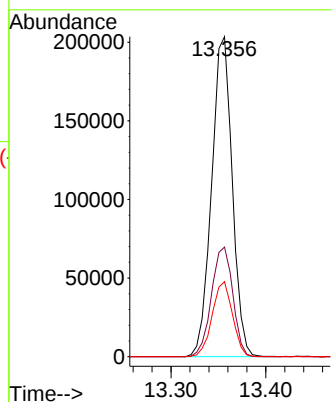
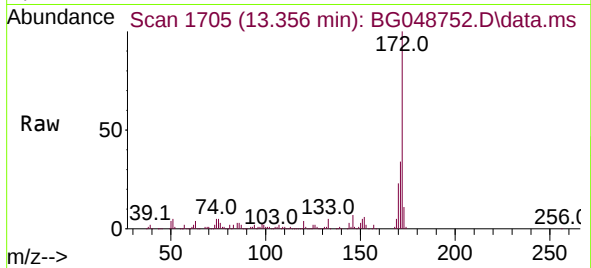




#45
2-Fluorobiphenyl
Concen: 96.14 ng
RT: 13.356 min Scan# 1705
Delta R.T. 0.000 min
Lab File: BG048752.D
Acq: 17 Apr 2021 13:01

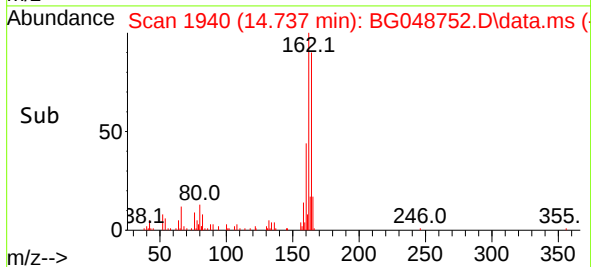
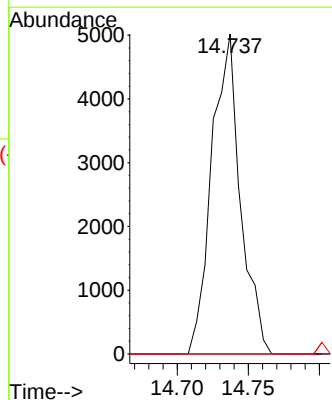
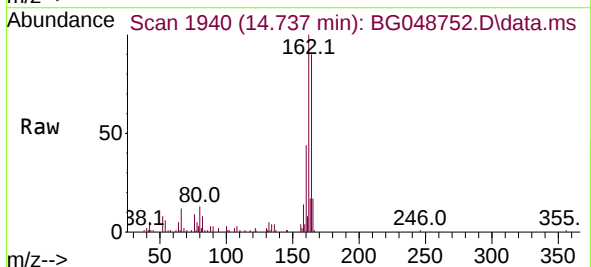
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ClientSampleId :
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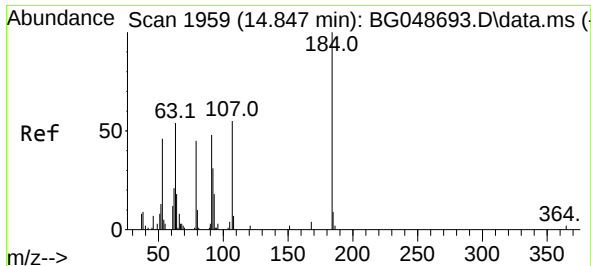
Tgt Ion:	172	Resp:	307447
Ion Ratio	Lower	Upper	
172	100		
171	34.3	28.6	43.0
170	23.5	18.6	27.8



#51
2,6-Dinitrotoluene
Concen: 8.81 ng
RT: 14.737 min Scan# 1940
Delta R.T. 0.423 min
Lab File: BG048752.D
Acq: 17 Apr 2021 13:01

Tgt Ion:	165	Resp:	7044
Ion Ratio	Lower	Upper	
165	100		
63	0.0	63.3	94.9#
89	0.0	63.4	95.0#

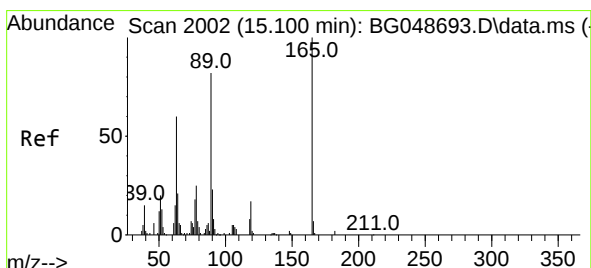
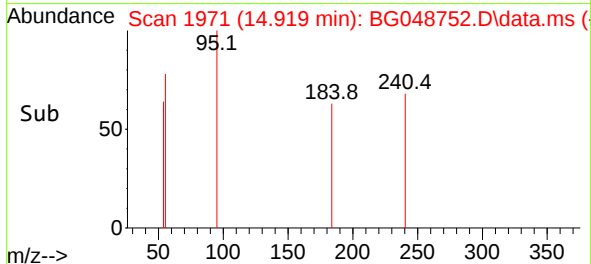
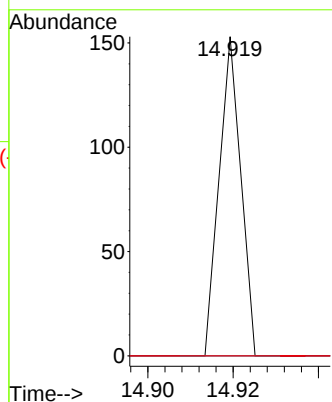
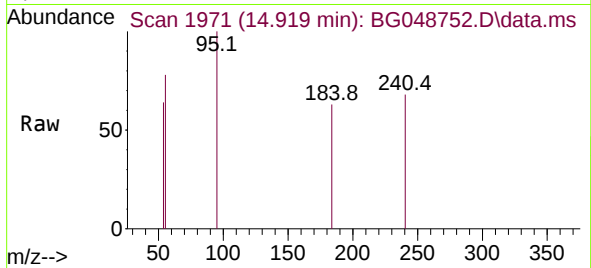




#54
2,4-Dinitrophenol
Concen: 5.39 ng
RT: 14.919 min Scan# 1971
Delta R.T. 0.065 min
Lab File: BG048752.D
Acq: 17 Apr 2021 13:01

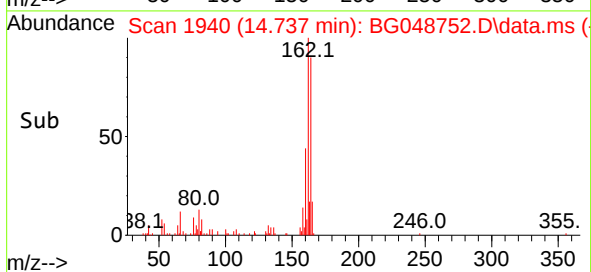
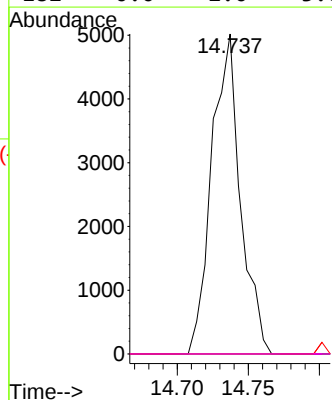
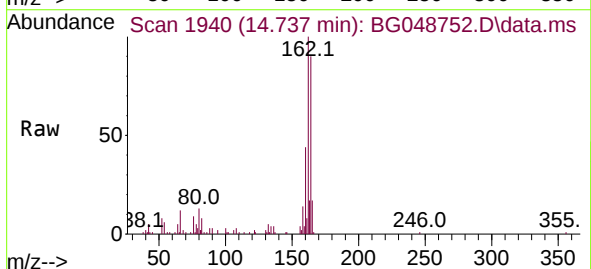
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BNA_G
ClientSampled :
TP-9

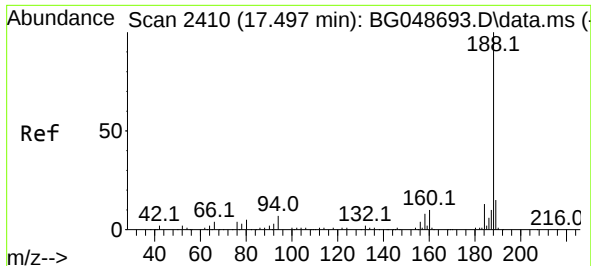
Tgt Ion:184 Resp: 54
Ion Ratio Lower Upper
184 100
63 0.0 68.3 102.5#
154 0.0 62.6 93.8#



#57
2,4-Dinitrotoluene
Concen: 6.07 ng
RT: 14.737 min Scan# 1940
Delta R.T. -0.364 min
Lab File: BG048752.D
Acq: 17 Apr 2021 13:01

Tgt Ion:165 Resp: 7044
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#

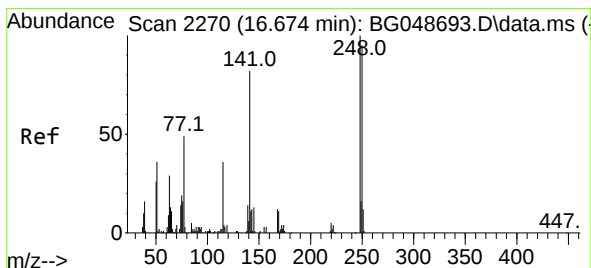
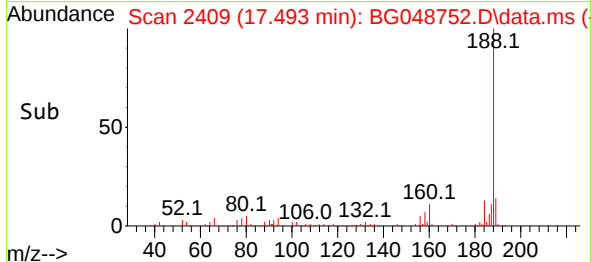
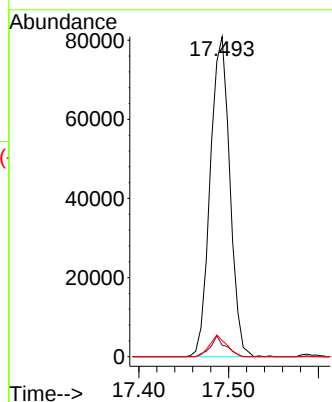
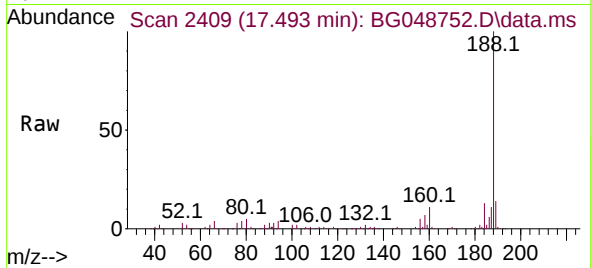




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.493 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BG048752.D
Acq: 17 Apr 2021 13:01

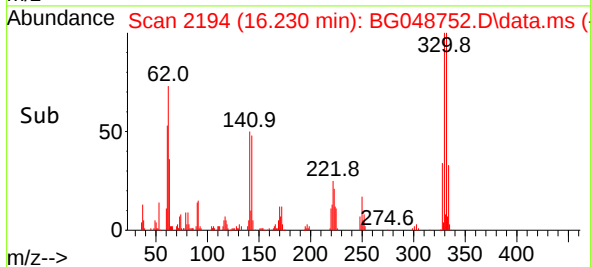
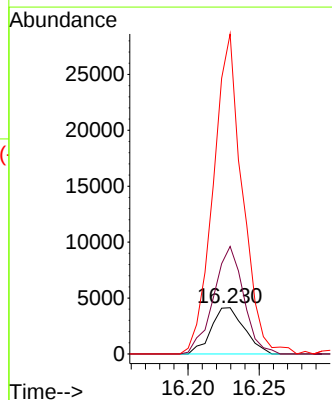
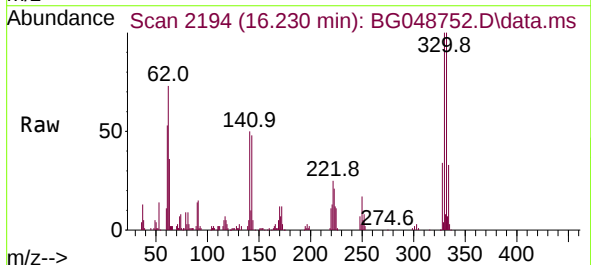
Instrument :
BNA_G
ClientSampleId :
TP-9

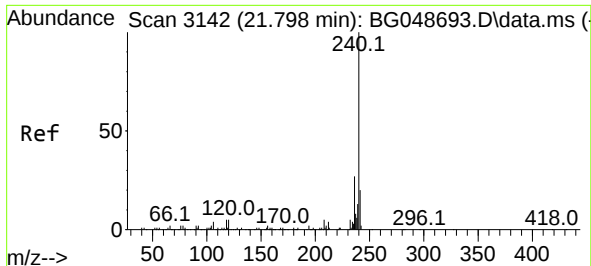
Tgt Ion:188 Resp: 122345
Ion Ratio Lower Upper
188 100
94 3.6 5.4 8.0#
80 5.1 3.7 5.5



#67
4-Bromophenyl-phenylether
Concen: 4.76 ng
RT: 16.230 min Scan# 2194
Delta R.T. -0.446 min
Lab File: BG048752.D
Acq: 17 Apr 2021 13:01

Tgt Ion:248 Resp: 6709
Ion Ratio Lower Upper
248 100
250 232.6 76.1 114.1#
141 692.5 65.4 98.2#

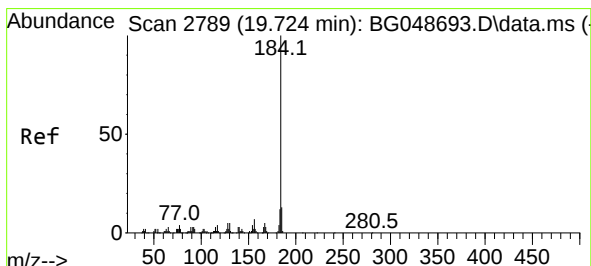
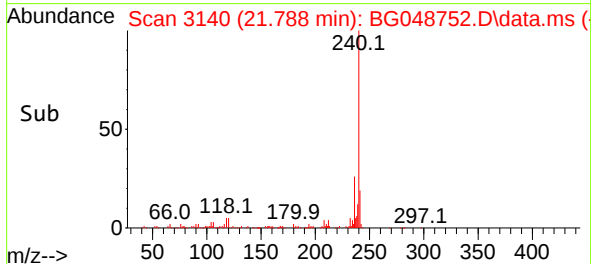
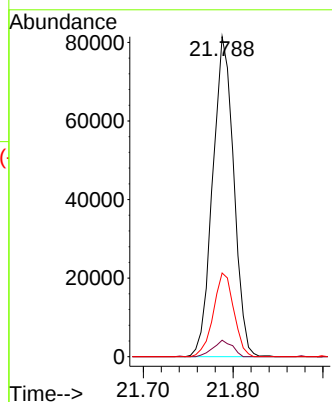
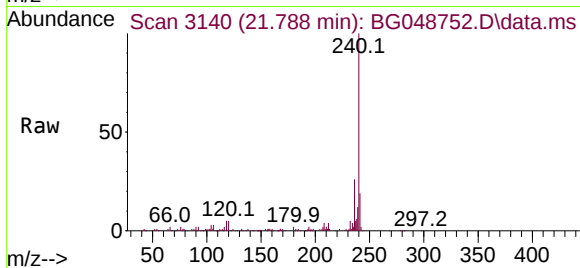




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.788 min Scan# 3140
Delta R.T. -0.011 min
Lab File: BG048752.D
Acq: 17 Apr 2021 13:01

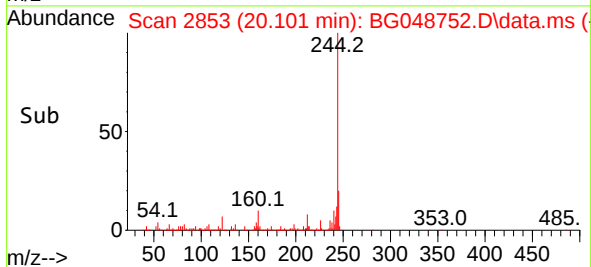
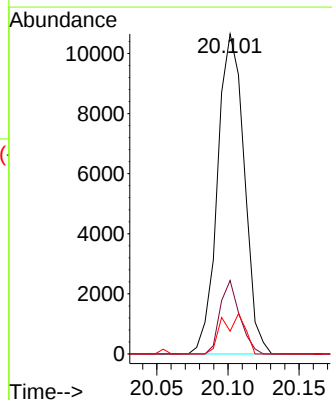
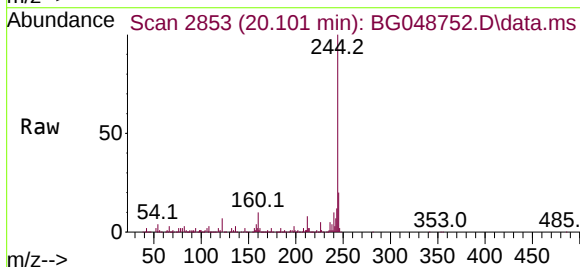
Instrument :
BNA_G
ClientSampleId :
TP-9

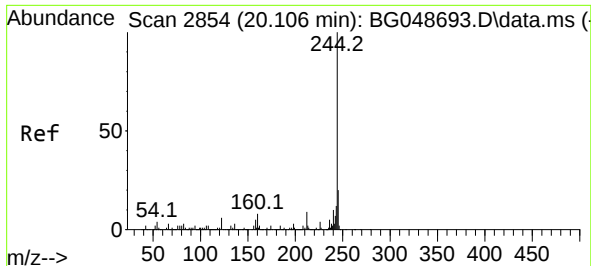
Tgt Ion:240	Resp:	132831
Ion Ratio	Lower	Upper
240	100	
120	5.2	4.2 6.2
236	26.1	21.8 32.6



#77
Benzidine
Concen: 3.85 ng
RT: 20.101 min Scan# 2853
Delta R.T. 0.370 min
Lab File: BG048752.D
Acq: 17 Apr 2021 13:01

Tgt Ion:184	Resp:	13905
Ion Ratio	Lower	Upper
184	100	
185	23.0	10.7 16.1#
183	7.1	9.4 14.0#

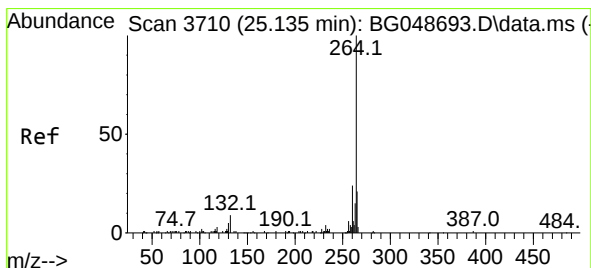
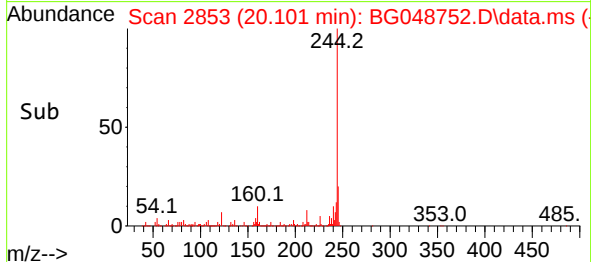
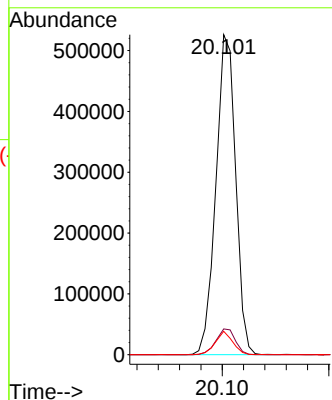
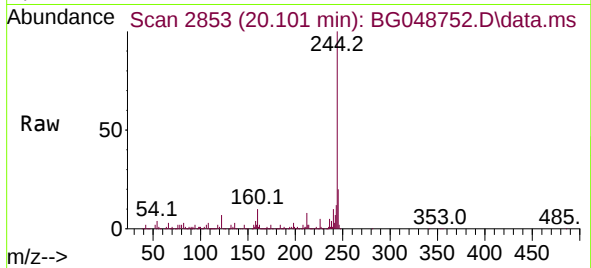




#79
Terphenyl-d14
Concen: 87.34 ng
RT: 20.101 min Scan# 2853
Delta R.T. -0.006 min
Lab File: BG048752.D
Acq: 17 Apr 2021 13:01

Instrument :
BNA_G
ClientSampleId :
TP-9

Tgt Ion:244 Resp: 674042
Ion Ratio Lower Upper
244 100
212 8.1 6.9 10.3
122 7.3 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: BG048752.D
Acq: 17 Apr 2021 13:01

Tgt Ion:264 Resp: 131035
Ion Ratio Lower Upper
264 100
260 22.2 19.4 29.2
265 22.3 16.9 25.3

