

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041621\
 Data File : BG048751.D
 Acq On : 17 Apr 2021 12:20
 Operator : CG/JU
 Sample : M2050-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-8

Quant Time: Apr 19 00:26:00 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)

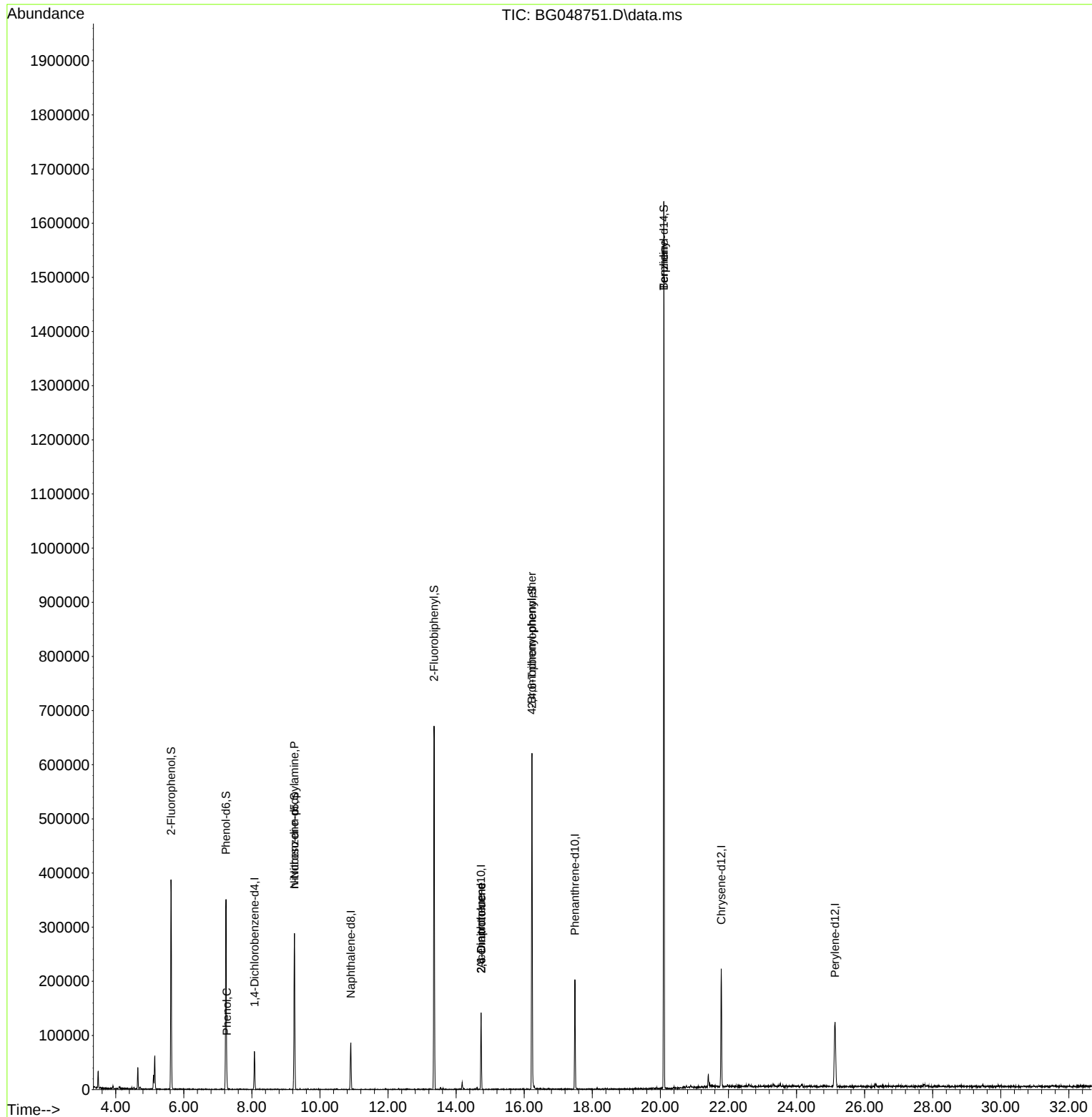
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.076	152	15474	20.00	ng	0.00
21) Naphthalene-d8	10.908	136	69290	20.00	ng	# 0.00
39) Acenaphthene-d10	14.732	164	48283	20.00	ng	-0.01
64) Phenanthrene-d10	17.488	188	121939	20.00	ng	#-0.01
76) Chrysene-d12	21.789	240	131008	20.00	ng	-0.01
86) Perylene-d12	25.132	264	128212	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.625	112	144030	155.68	ng	0.00
7) Phenol-d6	7.241	99	162132	123.89	ng	0.00
23) Nitrobenzene-d5	9.251	82	158902	102.67	ng	0.00
42) 2,4,6-Tribromophenol	16.231	330	104939	162.10	ng	0.00
45) 2-Fluorobiphenyl	13.352	172	331517	99.16	ng	0.00
79) Terphenyl-d14	20.103	244	711115	93.42	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.271	94	3932	3.06	ng	83
19) n-Nitroso-di-n-propyla...	9.251	70	26974	30.55	ng	# 71
51) 2,6-Dinitrotoluene	14.738	165	6649	7.96	ng	# 10
57) 2,4-Dinitrotoluene	14.738	165	6649	5.48	ng	# 15
67) 4-Bromophenyl-phenylether	16.225	248	8109	5.78	ng	# 1
77) Benzdine	20.103	184	15466	4.35	ng	# 93

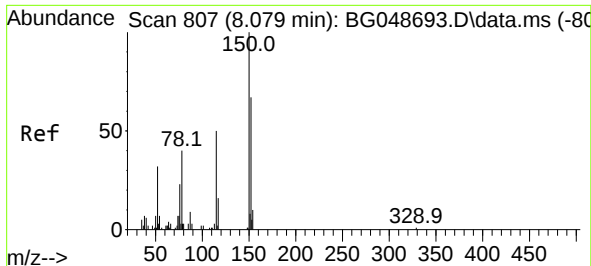
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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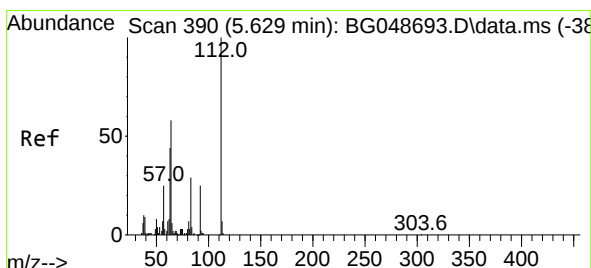
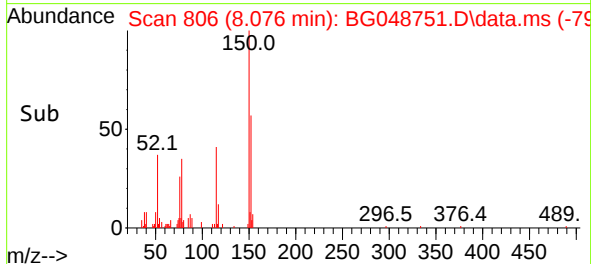
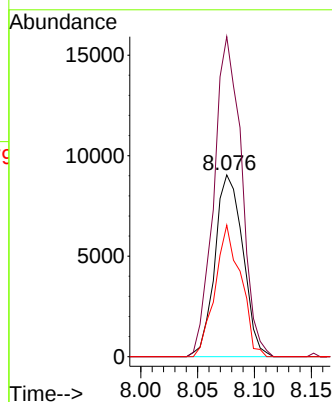
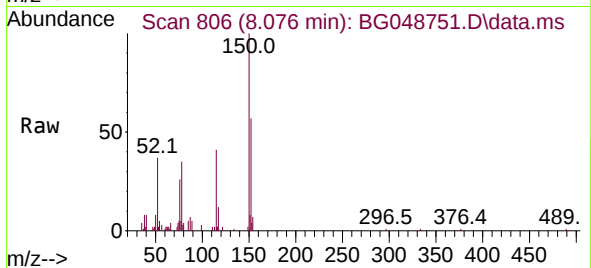




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.076 min Scan# 806
Delta R.T. -0.004 min
Lab File: BG048751.D
Acq: 17 Apr 2021 12:20

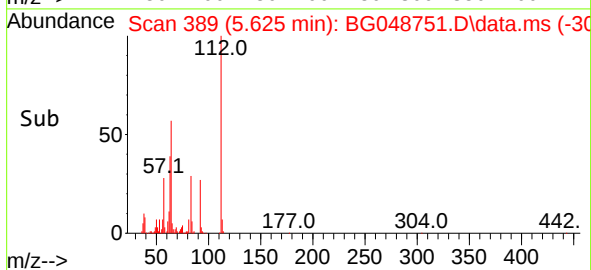
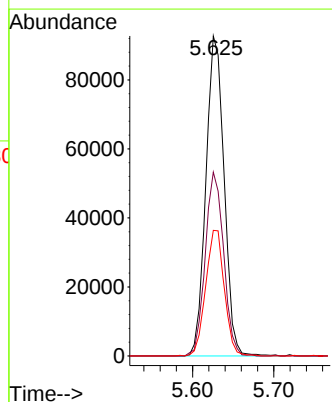
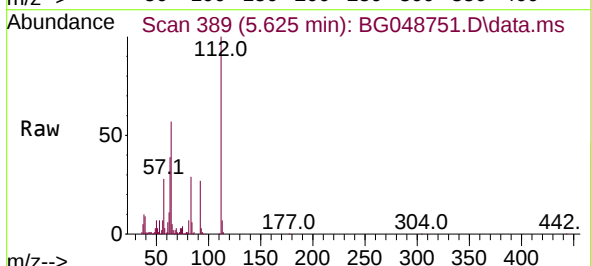
Instrument :
BNA_G
ClientSampleId :
TP-8

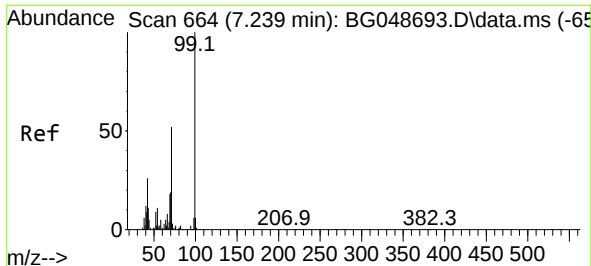
Tgt Ion:152 Resp: 15474
Ion Ratio Lower Upper
152 100
150 176.0 119.4 179.0
115 72.3 60.2 90.4



#5
2-Fluorophenol
Concen: 155.68 ng
RT: 5.625 min Scan# 389
Delta R.T. -0.004 min
Lab File: BG048751.D
Acq: 17 Apr 2021 12:20

Tgt Ion:112 Resp: 144030
Ion Ratio Lower Upper
112 100
64 57.5 46.7 70.1
63 39.2 35.3 52.9

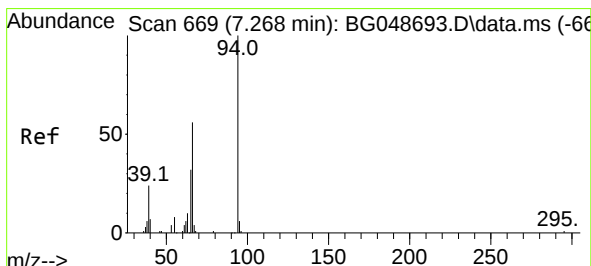
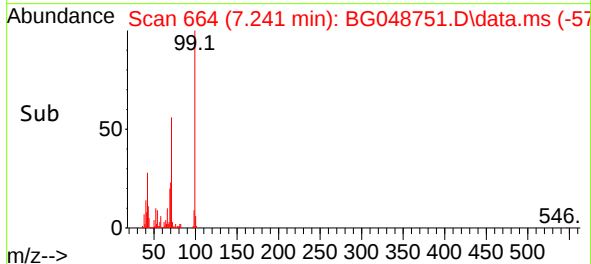
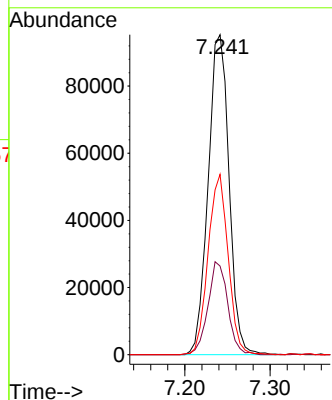
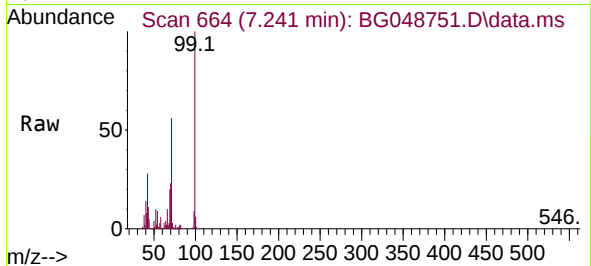




#7
Phenol-d6
Concen: 123.89 ng
RT: 7.241 min Scan# 664
Delta R.T. 0.001 min
Lab File: BG048751.D
Acq: 17 Apr 2021 12:20

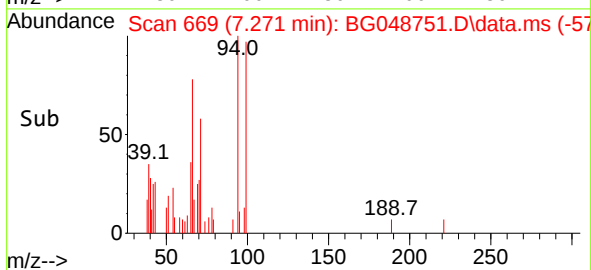
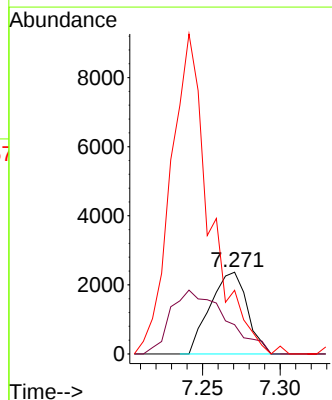
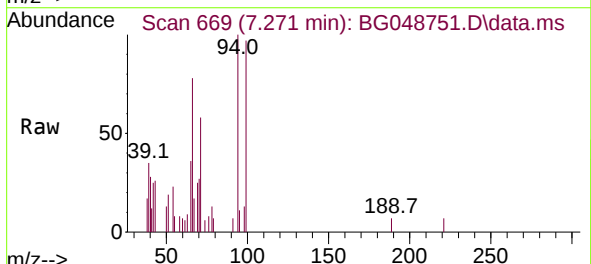
Instrument :
BNA_G
ClientSampleId :
TP-8

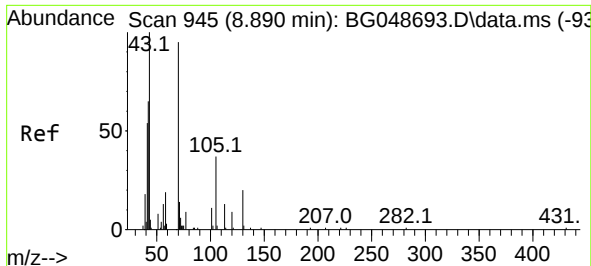
Tgt Ion: 99 Resp: 162132
Ion Ratio Lower Upper
99 100
42 27.7 20.5 30.7
71 56.4 41.5 62.3



#10
Phenol
Concen: 3.06 ng
RT: 7.271 min Scan# 669
Delta R.T. 0.001 min
Lab File: BG048751.D
Acq: 17 Apr 2021 12:20

Tgt Ion: 94 Resp: 3932
Ion Ratio Lower Upper
94 100
65 35.7 12.9 52.9
66 77.8 39.4 79.4

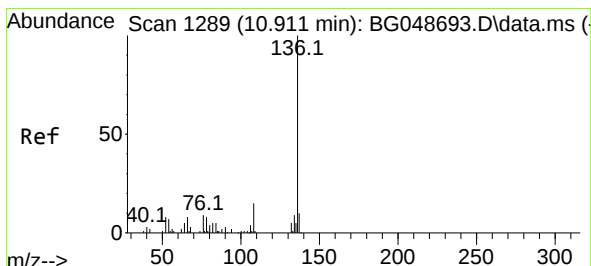
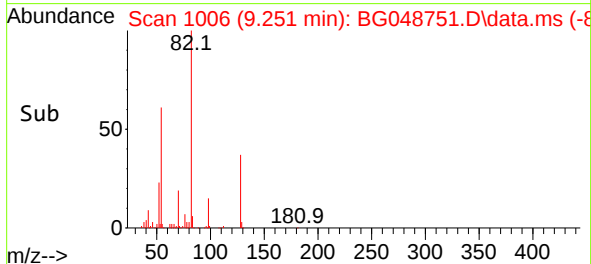
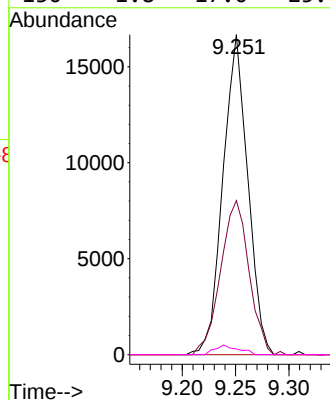
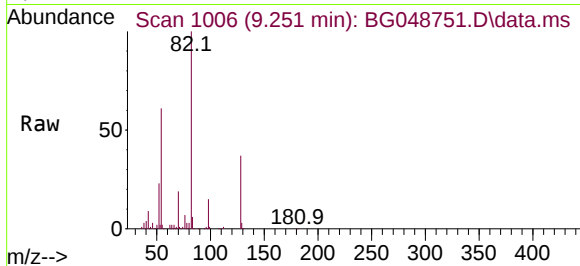




#19
n-Nitroso-di-n-propylamine
Concen: 30.55 ng
RT: 9.251 min Scan# 1006
Delta R.T. 0.360 min
Lab File: BG048751.D
Acq: 17 Apr 2021 12:20

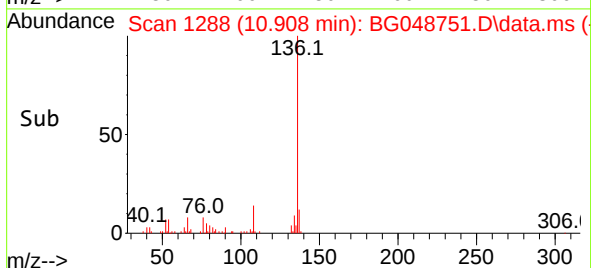
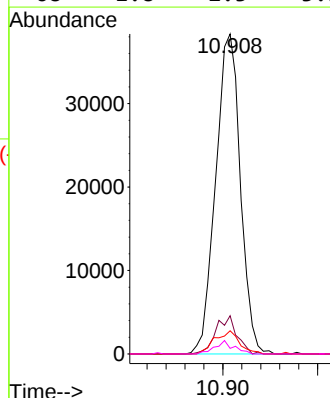
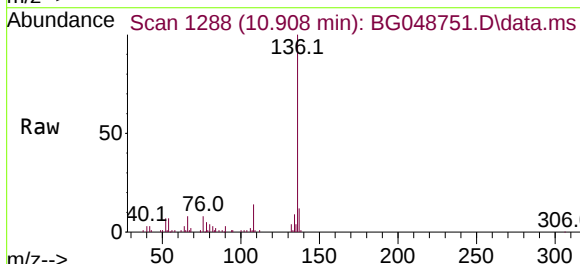
Instrument :
BNA_G
ClientSampleId :
TP-8

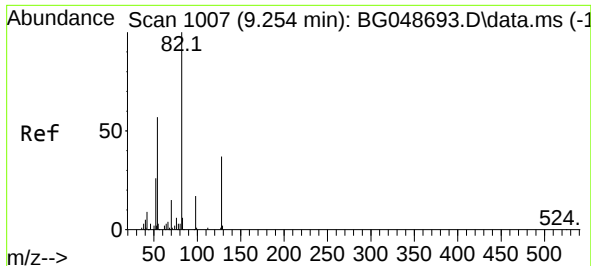
Tgt Ion:	70	Resp:	26974
Ion	Ratio	Lower	Upper
70	100		
42	48.1	54.5	81.7#
101	0.0	9.0	13.6#
130	1.8	17.0	25.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.908 min Scan# 1288
Delta R.T. -0.004 min
Lab File: BG048751.D
Acq: 17 Apr 2021 12:20

Tgt Ion:	136	Resp:	69290
Ion	Ratio	Lower	Upper
136	100		
137	12.0	8.2	12.2
54	7.2	5.5	8.3
68	1.8	2.3	3.5#

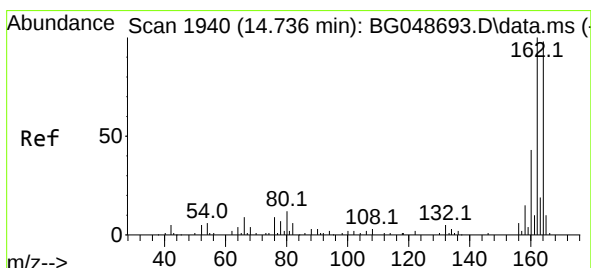
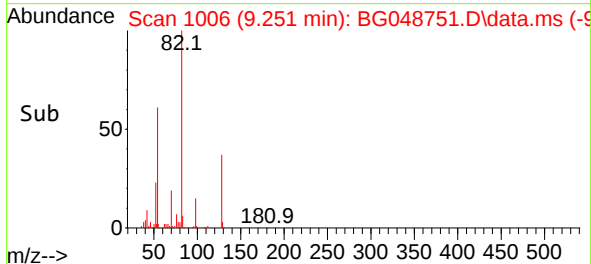
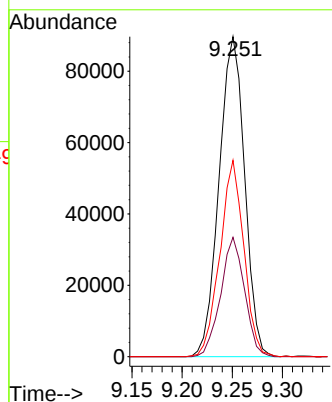
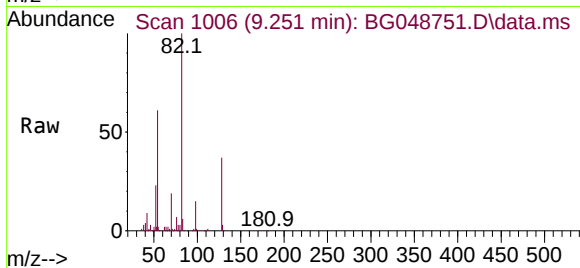




#23
Nitrobenzene-d5
Concen: 102.67 ng
RT: 9.251 min Scan# 1006
Delta R.T. -0.004 min
Lab File: BG048751.D
Acq: 17 Apr 2021 12:20

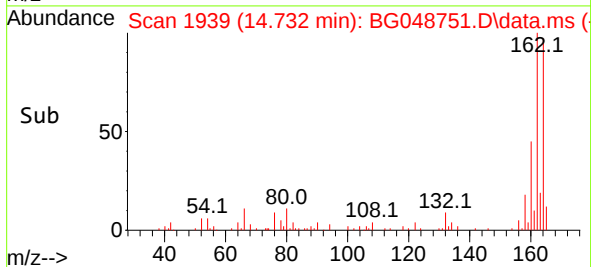
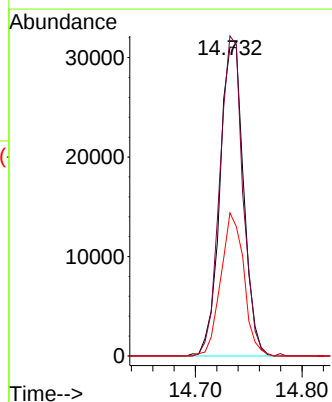
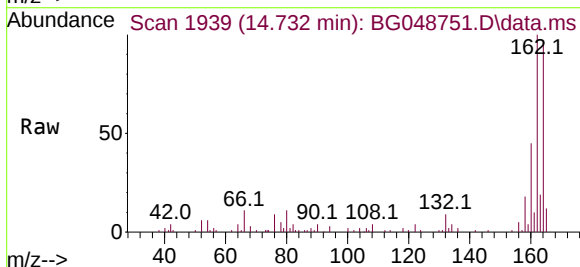
Instrument :
BNA_G
ClientSampleId :
TP-8

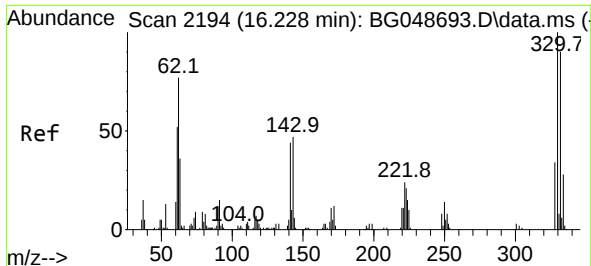
Tgt Ion: 82 Resp: 158902
Ion Ratio Lower Upper
82 100
128 37.3 29.8 44.6
54 61.4 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.732 min Scan# 1939
Delta R.T. -0.010 min
Lab File: BG048751.D
Acq: 17 Apr 2021 12:20

Tgt Ion:164 Resp: 48283
Ion Ratio Lower Upper
164 100
162 103.6 81.4 122.0
160 46.3 34.9 52.3

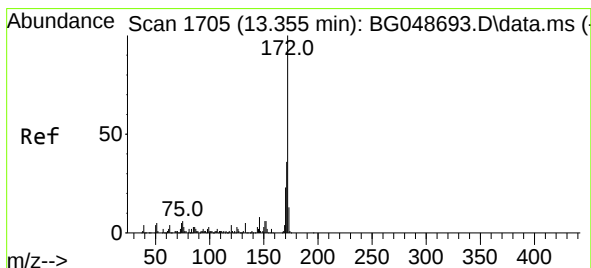
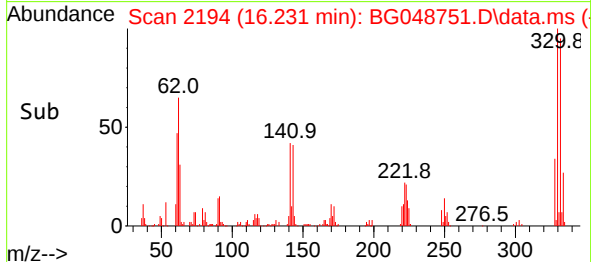
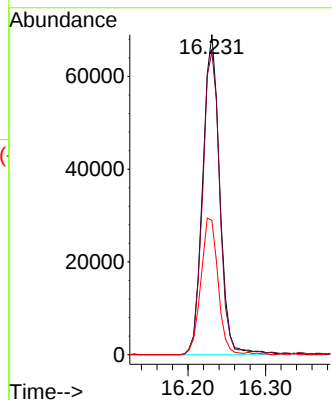
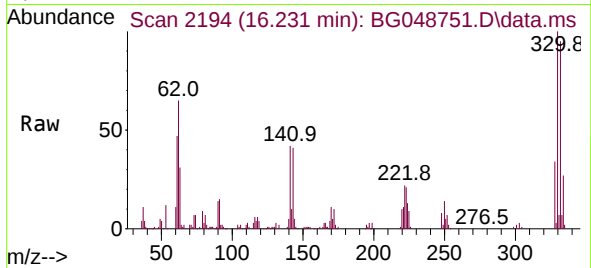




#42
2,4,6-Tribromophenol
Concen: 162.10 ng
RT: 16.231 min Scan# 2194
Delta R.T. -0.004 min
Lab File: BG048751.D
Acq: 17 Apr 2021 12:20

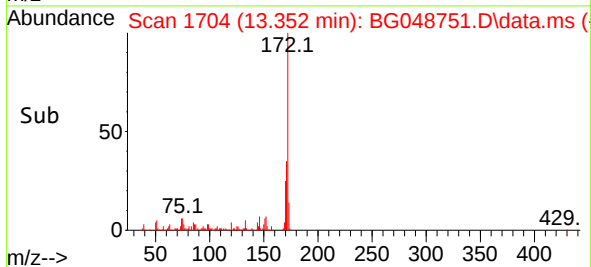
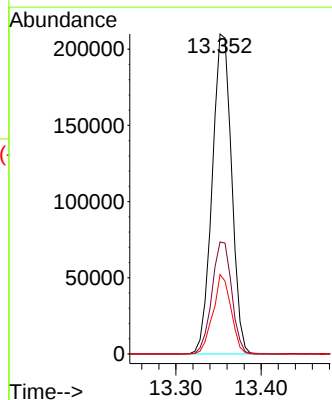
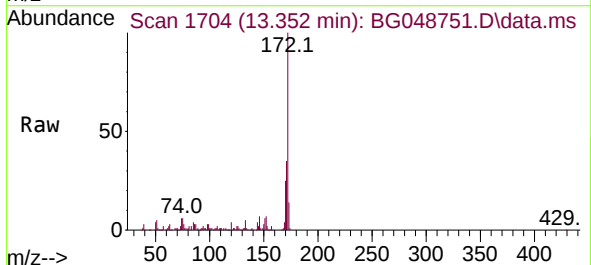
Instrument :
BNA_G
ClientSampleId :
TP-8

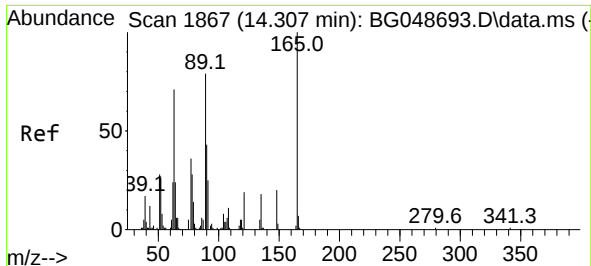
Tgt Ion:330 Resp: 104939
Ion Ratio Lower Upper
330 100
332 96.0 77.3 115.9
141 43.1 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 99.16 ng
RT: 13.352 min Scan# 1704
Delta R.T. -0.004 min
Lab File: BG048751.D
Acq: 17 Apr 2021 12:20

Tgt Ion:172 Resp: 331517
Ion Ratio Lower Upper
172 100
171 35.0 28.6 43.0
170 24.8 18.6 27.8

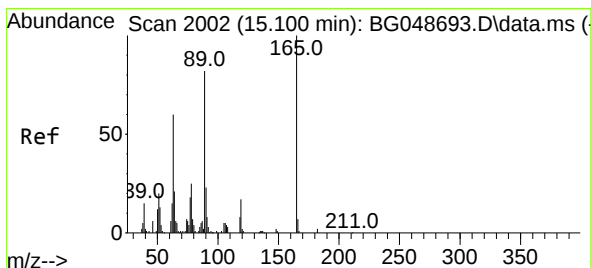
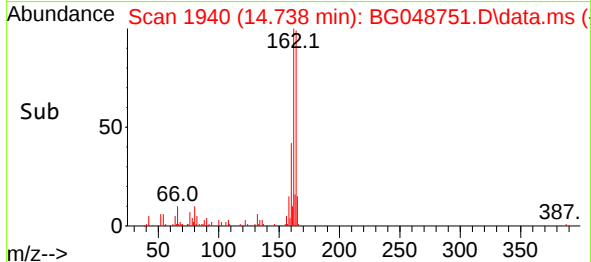
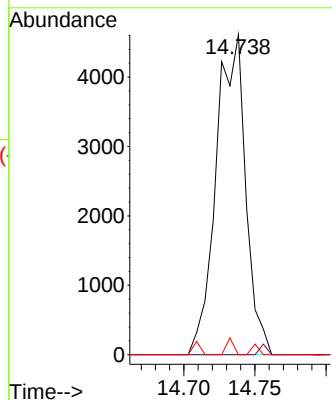
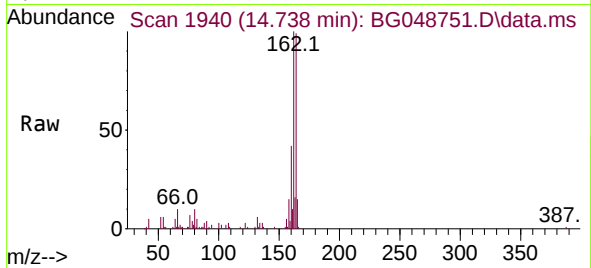




#51
2,6-Dinitrotoluene
Concen: 7.96 ng
RT: 14.738 min Scan# 1940
Delta R.T. 0.425 min
Lab File: BG048751.D
Acq: 17 Apr 2021 12:20

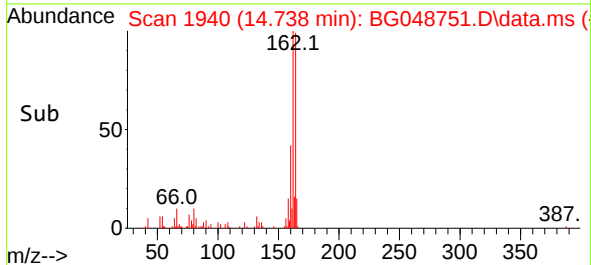
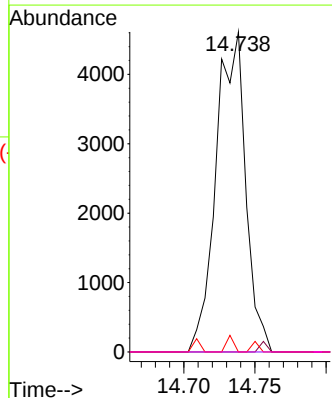
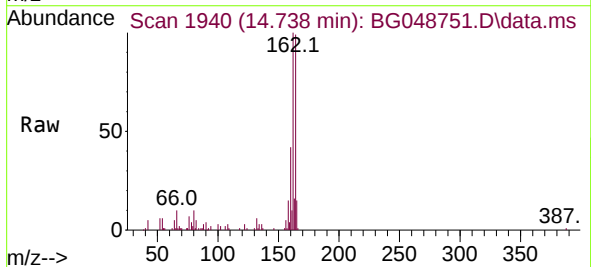
Instrument :
BNA_G
ClientSampled :
TP-8

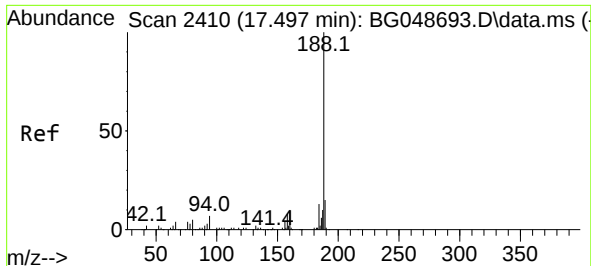
Tgt Ion:165 Resp: 6649
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 5.48 ng
RT: 14.738 min Scan# 1940
Delta R.T. -0.363 min
Lab File: BG048751.D
Acq: 17 Apr 2021 12:20

Tgt Ion:165 Resp: 6649
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#

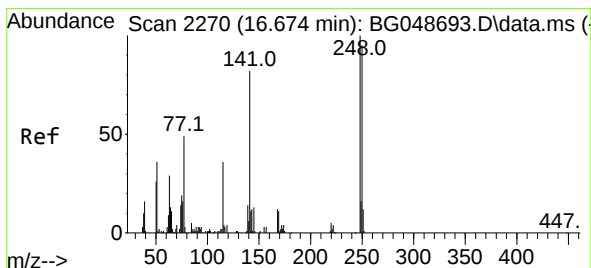
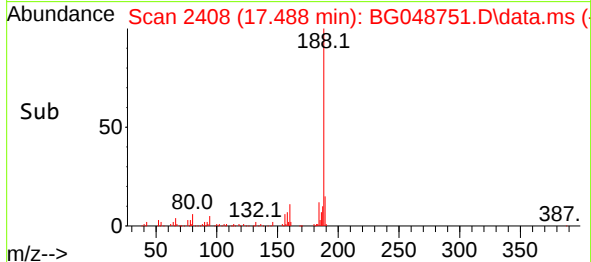
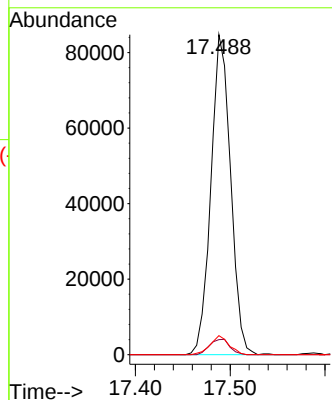
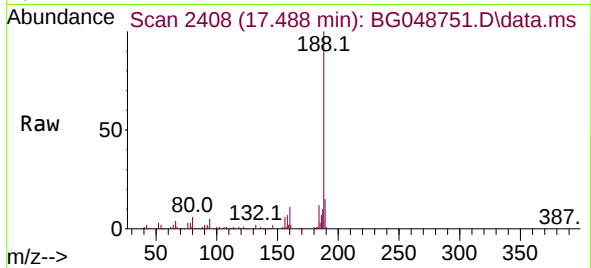




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.488 min Scan# 2408
Delta R.T. -0.010 min
Lab File: BG048751.D
Acq: 17 Apr 2021 12:20

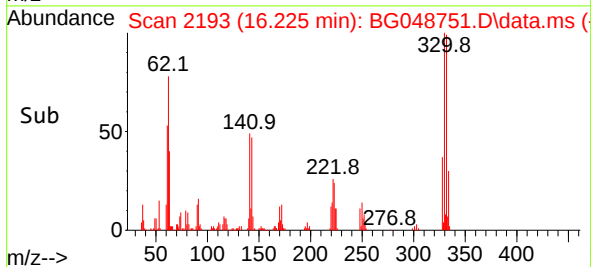
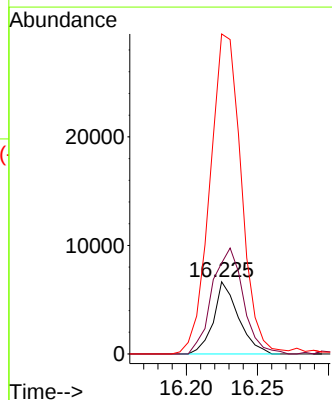
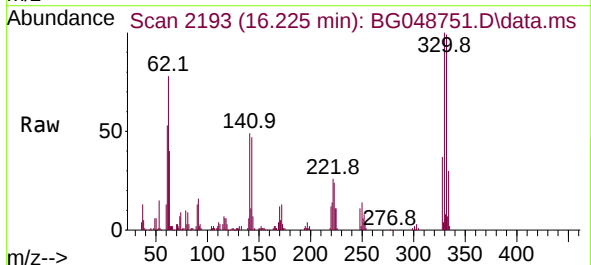
Instrument :
BNA_G
ClientSampleId :
TP-8

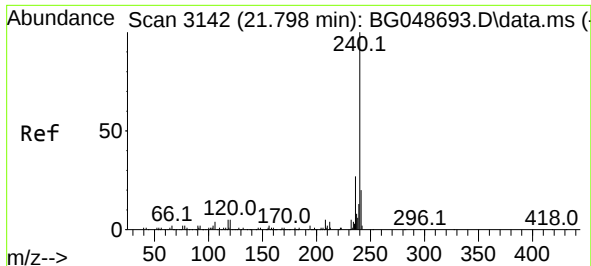
Tgt Ion:188 Resp: 121939
Ion Ratio Lower Upper
188 100
94 4.7 5.4 8.0#
80 5.9 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 5.78 ng
RT: 16.225 min Scan# 2193
Delta R.T. -0.451 min
Lab File: BG048751.D
Acq: 17 Apr 2021 12:20

Tgt Ion:248 Resp: 8109
Ion Ratio Lower Upper
248 100
250 126.0 76.1 114.1#
141 443.8 65.4 98.2#

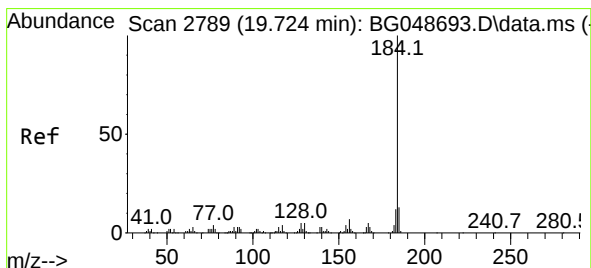
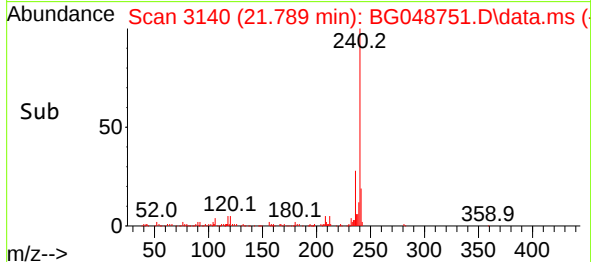
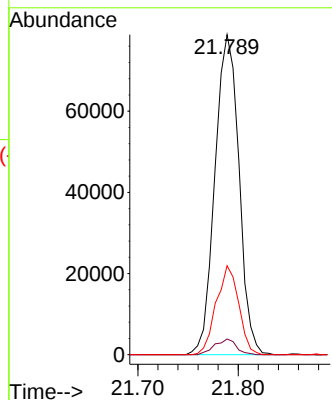
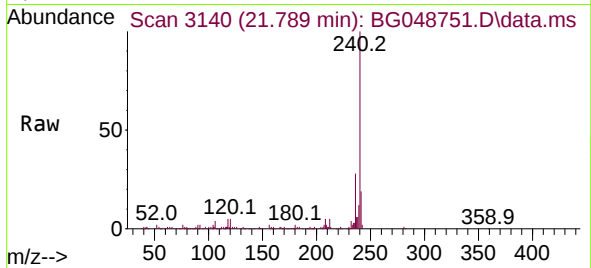




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.789 min Scan# 3140
Delta R.T. -0.010 min
Lab File: BG048751.D
Acq: 17 Apr 2021 12:20

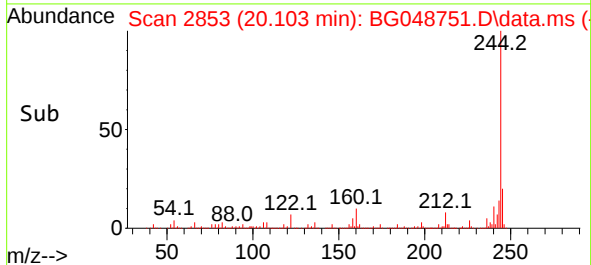
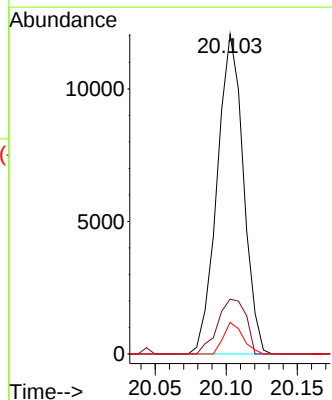
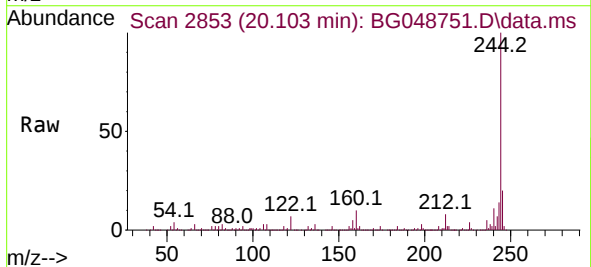
Instrument :
BNA_G
ClientSampleId :
TP-8

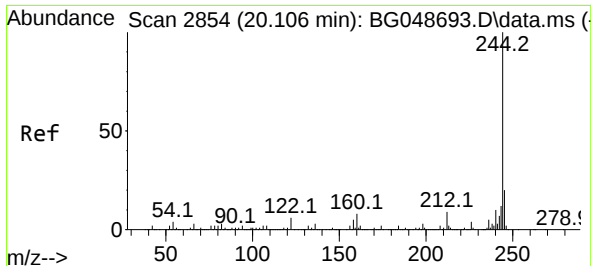
Tgt Ion:240 Resp: 131008
Ion Ratio Lower Upper
240 100
120 4.9 4.2 6.2
236 27.8 21.8 32.6



#77
Benzidine
Concen: 4.35 ng
RT: 20.103 min Scan# 2853
Delta R.T. 0.372 min
Lab File: BG048751.D
Acq: 17 Apr 2021 12:20

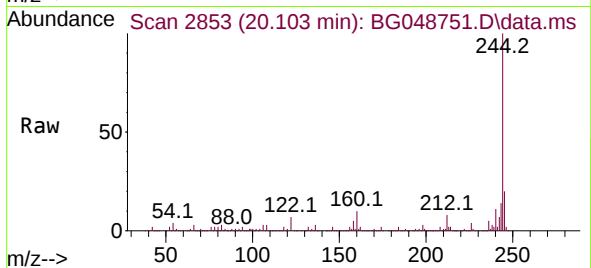
Tgt Ion:184 Resp: 15466
Ion Ratio Lower Upper
184 100
185 17.2 10.7 16.1#
183 9.8 9.4 14.0



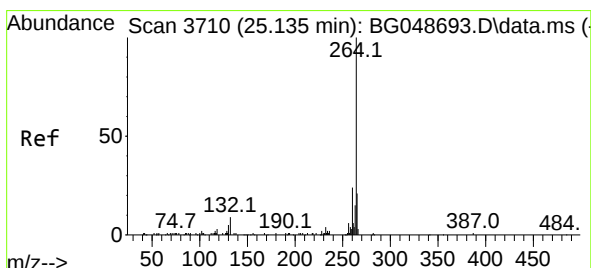
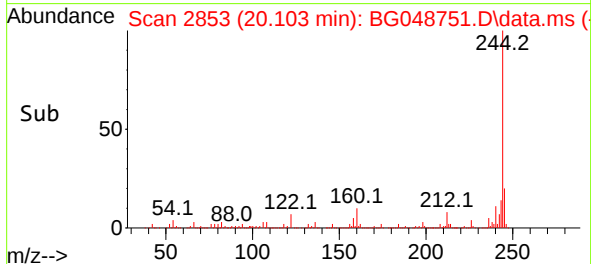
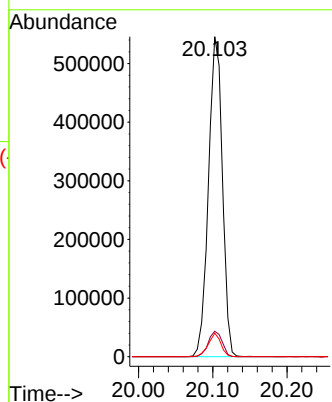


#79
Terphenyl-d14
Concen: 93.42 ng
RT: 20.103 min Scan# 2853
Delta R.T. -0.004 min
Lab File: BG048751.D
Acq: 17 Apr 2021 12:20

Instrument :
BNA_G
ClientSampled :
TP-8



Tgt Ion:244 Resp: 711115
Ion Ratio Lower Upper
244 100
212 7.9 6.9 10.3
122 7.3 5.0 7.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.132 min Scan# 3709
Delta R.T. -0.010 min
Lab File: BG048751.D
Acq: 17 Apr 2021 12:20

Tgt Ion:264 Resp: 128212
Ion Ratio Lower Upper
264 100
260 21.4 19.4 29.2
265 18.0 16.9 25.3

