

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040121\
 Data File : BG048550.D
 Acq On : 1 Apr 2021 19:08
 Operator : CG/JU
 Sample : M1885-10
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EMPTY

Quant Time: Apr 02 03:04:16 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 01 11:19:59 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

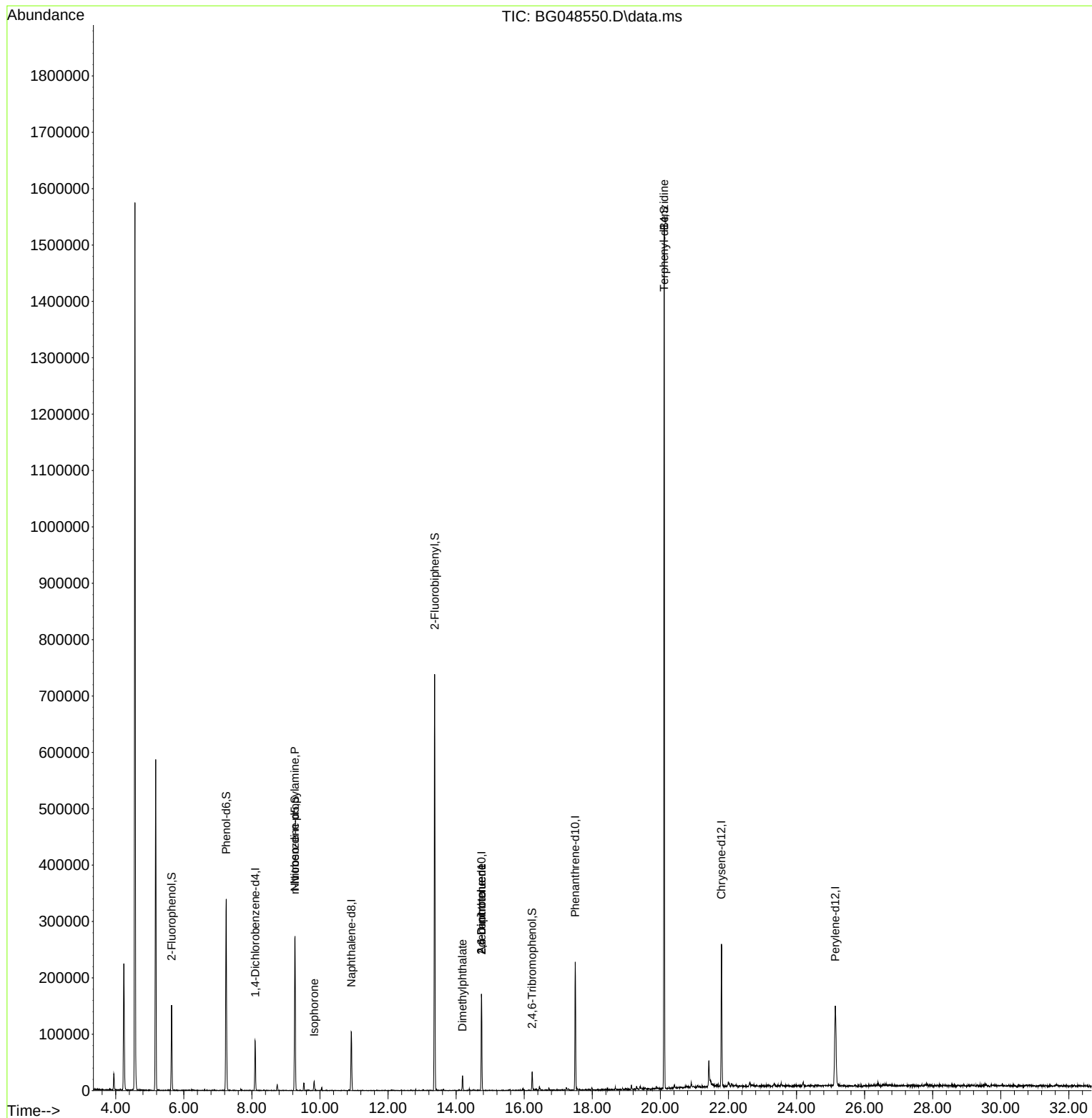
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.099	152	23578	20.00	ng	# 0.00
21) Naphthalene-d8	10.919	136	87837	20.00	ng	-0.01
39) Acenaphthene-d10	14.750	164	61826	20.00	ng	0.00
64) Phenanthrene-d10	17.500	188	142751	20.00	ng	0.00
76) Chrysene-d12	21.795	240	158347	20.00	ng	#-0.01
86) Perylene-d12	25.138	264	160315	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.643	112	61374	45.96	ng	0.00
7) Phenol-d6	7.247	99	176362	91.06	ng	0.00
23) Nitrobenzene-d5	9.268	82	164555	90.70	ng	0.00
42) 2,4,6-Tribromophenol	16.231	330	6063	7.46	ng	-0.02
45) 2-Fluorobiphenyl	13.369	172	369061	88.72	ng	-0.01
79) Terphenyl-d14	20.114	244	709184	81.90	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.262	70	25436	19.05	ng	# 79
25) Isophorone	9.832	82	12752	3.81	ng	# 93
50) Dimethylphthalate	14.186	163	17269	3.76	ng	99
51) 2,6-Dinitrotoluene	14.750	165	9115	8.68	ng	# 17
57) 2,4-Dinitrotoluene	14.750	165	9115	6.14	ng	# 22
77) Benzidine	20.109	184	13231	2.47	ng	# 93

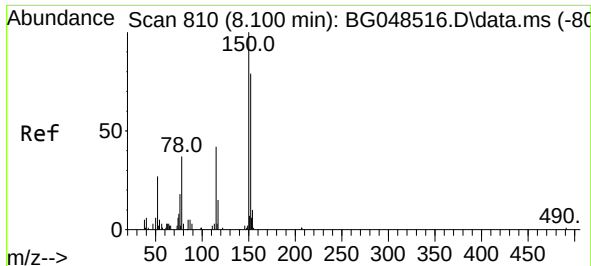
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040121\
Data File : BG048550.D
Acq On : 1 Apr 2021 19:08
Operator : CG/JU
Sample : M1885-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EMPTY

Quant Time: Apr 02 03:04:16 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 01 11:19:59 2021
Response via : Initial Calibration

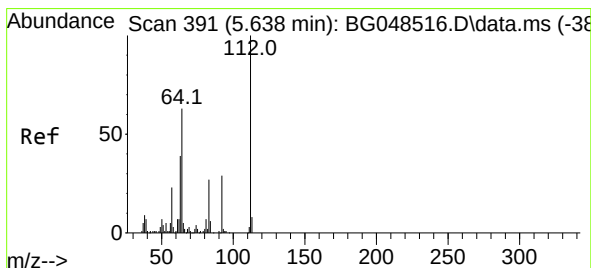
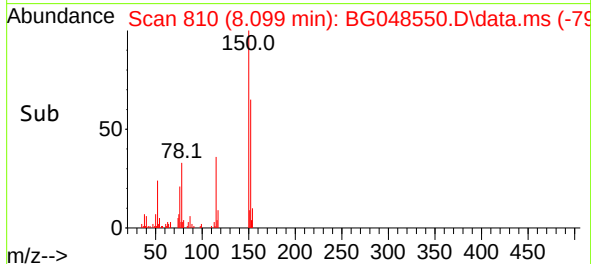
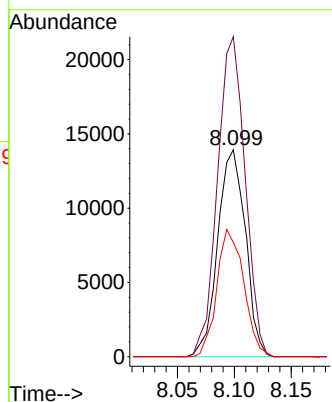
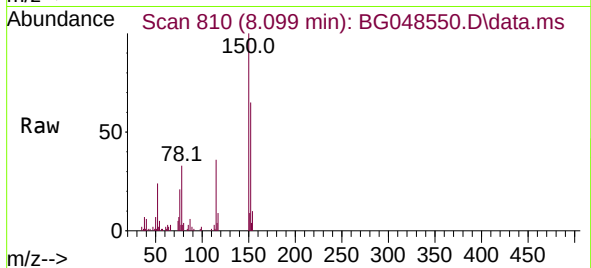




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.099 min Scan# 810
Delta R.T. -0.005 min
Lab File: BG048550.D
Acq: 1 Apr 2021 19:08

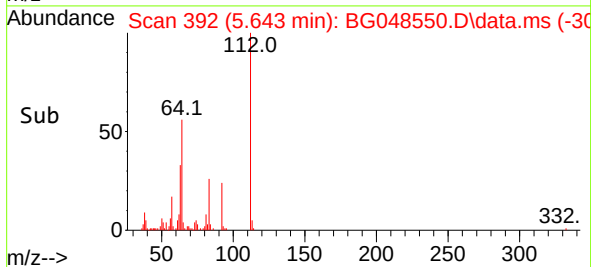
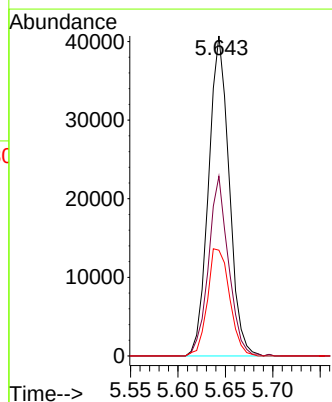
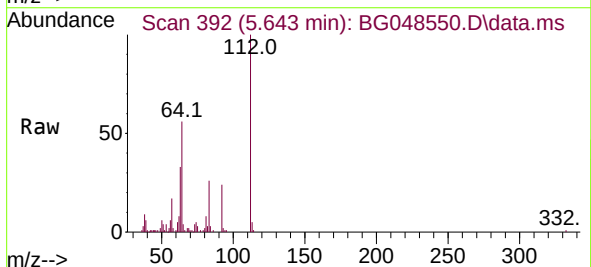
Instrument :
BNA_G
ClientSampleId :
EMPTY

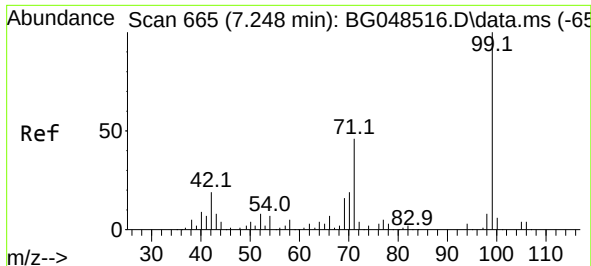
Tgt Ion:152 Resp: 23578
Ion Ratio Lower Upper
152 100
150 154.7 101.3 151.9#
115 55.3 42.3 63.5



#5
2-Fluorophenol
Concen: 45.96 ng
RT: 5.643 min Scan# 392
Delta R.T. 0.001 min
Lab File: BG048550.D
Acq: 1 Apr 2021 19:08

Tgt Ion:112 Resp: 61374
Ion Ratio Lower Upper
112 100
64 56.2 50.4 75.6
63 33.1 31.4 47.2

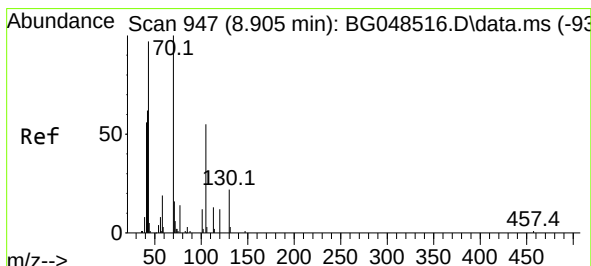
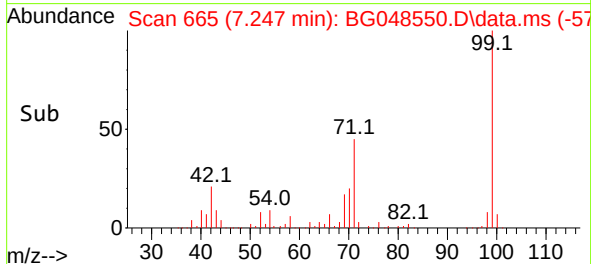
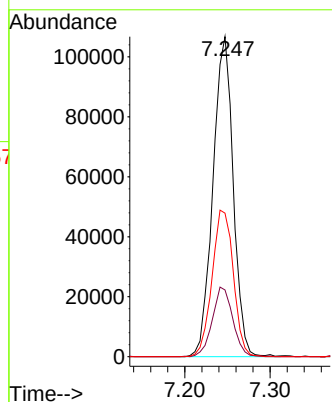
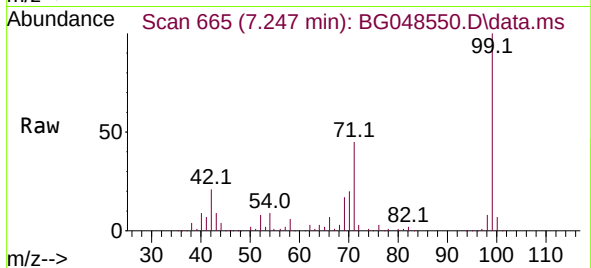




#7
Phenol-d6
Concen: 91.06 ng
RT: 7.247 min Scan# 665
Delta R.T. -0.004 min
Lab File: BG048550.D
Acq: 1 Apr 2021 19:08

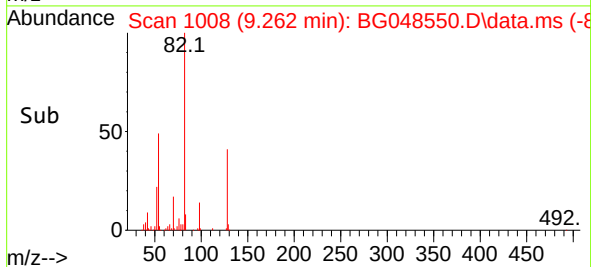
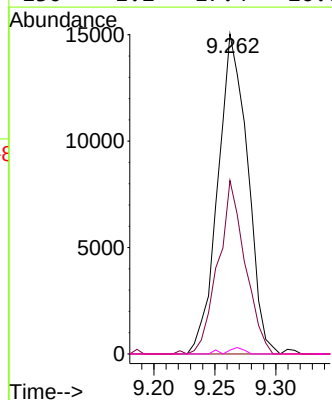
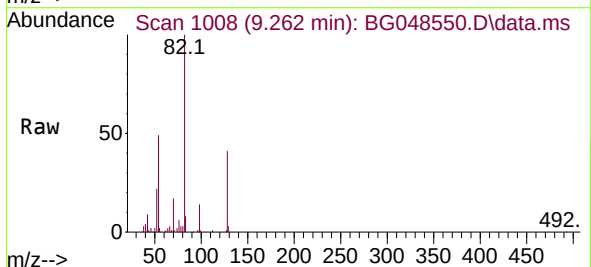
Instrument :
BNA_G
ClientSampleId :
EMPTY

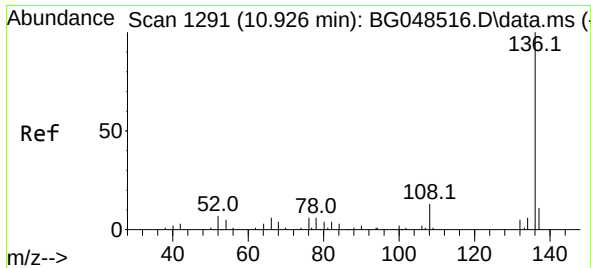
Tgt Ion: 99 Resp: 176362
Ion Ratio Lower Upper
99 100
42 20.9 15.5 23.3
71 44.9 36.6 54.8



#19
n-Nitroso-di-n-propylamine
Concen: 19.05 ng
RT: 9.262 min Scan# 1008
Delta R.T. 0.354 min
Lab File: BG048550.D
Acq: 1 Apr 2021 19:08

Tgt Ion: 70 Resp: 25436
Ion Ratio Lower Upper
70 100
42 54.2 50.8 76.2
101 0.0 9.7 14.5#
130 1.2 17.4 26.0#

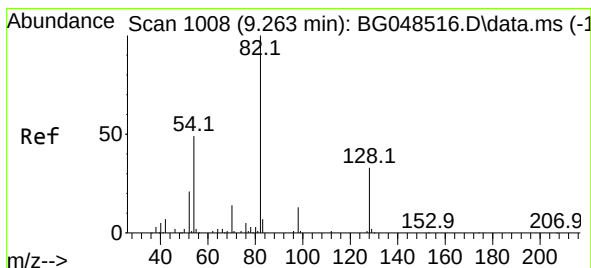
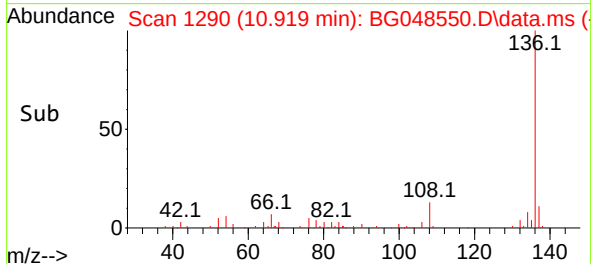
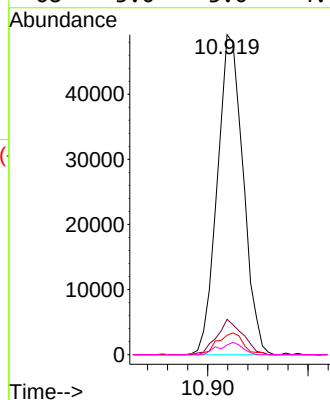
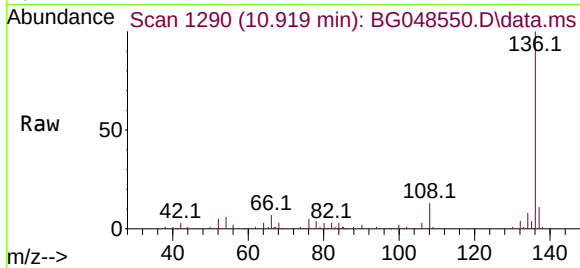




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.919 min Scan# 1290
Delta R.T. -0.010 min
Lab File: BG048550.D
Acq: 1 Apr 2021 19:08

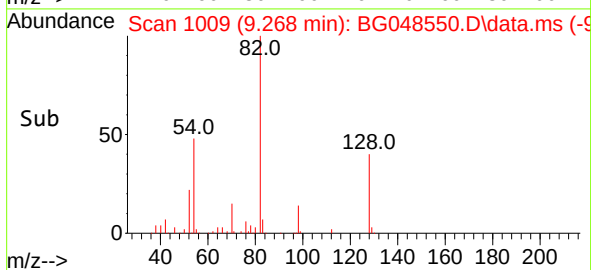
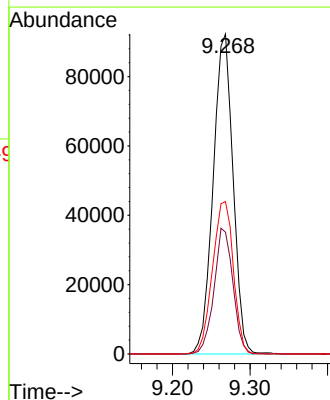
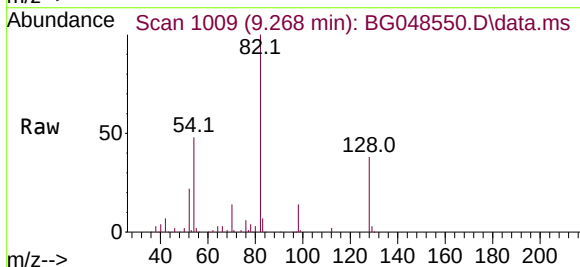
Instrument :
BNA_G
ClientSampleId :
EMPTY

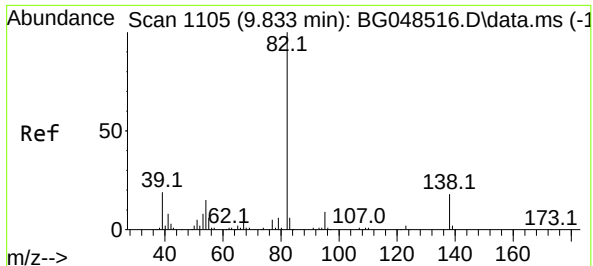
Tgt Ion:	136	Resp:	87837
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.6	12.8
54	6.1	4.2	6.4
68	3.0	3.0	4.4



#23
Nitrobenzene-d5
Concen: 90.70 ng
RT: 9.268 min Scan# 1009
Delta R.T. -0.004 min
Lab File: BG048550.D
Acq: 1 Apr 2021 19:08

Tgt Ion:	82	Resp:	164555
Ion Ratio	Lower	Upper	
82	100		
128	38.1	26.2	39.4
54	47.6	38.9	58.3

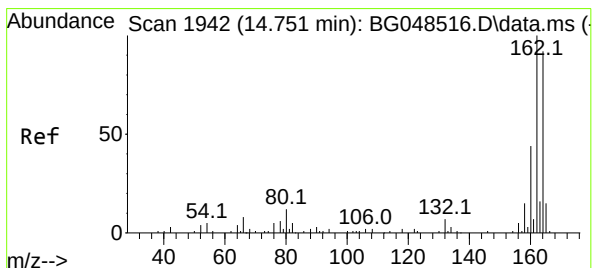
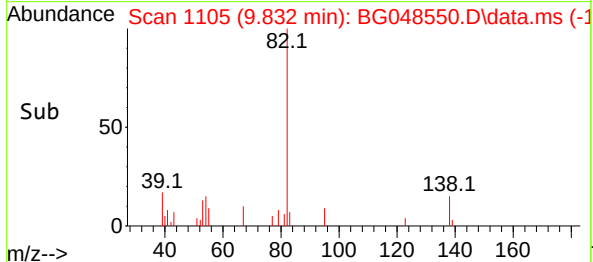
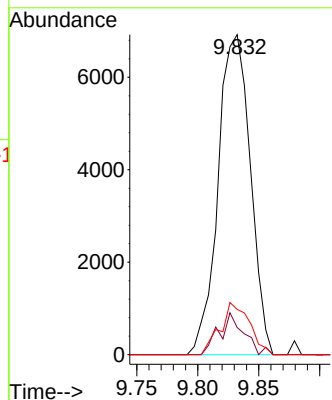
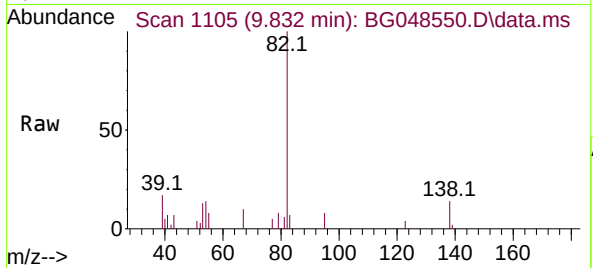




#25
Isophorone
Concen: 3.81 ng
RT: 9.832 min Scan# 1105
Delta R.T. -0.004 min
Lab File: BG048550.D
Acq: 1 Apr 2021 19:08

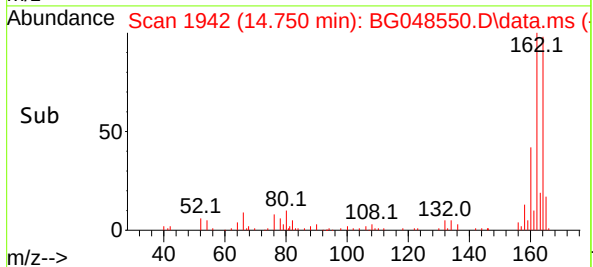
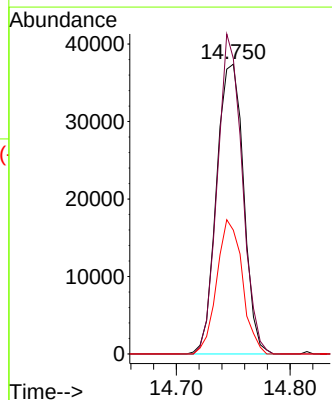
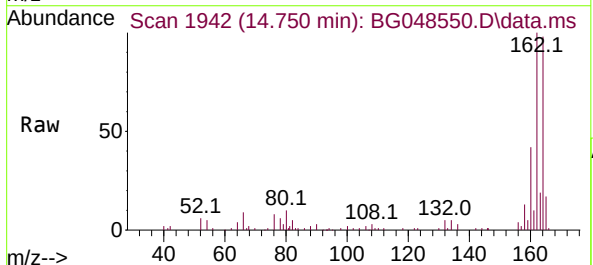
Instrument :
BNA_G
ClientSampleId :
EMPTY

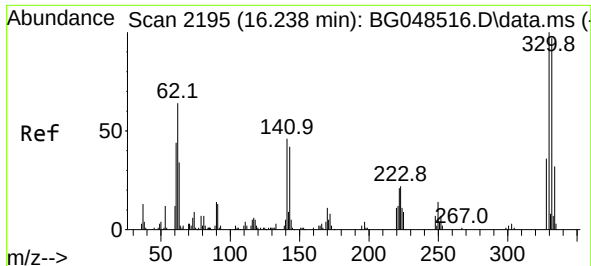
Tgt Ion: 82 Resp: 12752
Ion Ratio Lower Upper
82 100
95 8.5 7.1 10.7
138 14.1 14.8 22.2#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.750 min Scan# 1942
Delta R.T. -0.005 min
Lab File: BG048550.D
Acq: 1 Apr 2021 19:08

Tgt Ion:164 Resp: 61826
Ion Ratio Lower Upper
164 100
162 102.0 87.0 130.6
160 42.7 38.4 57.6

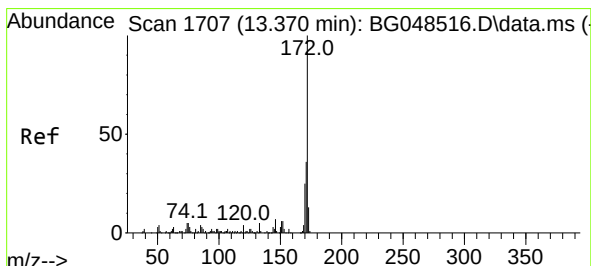
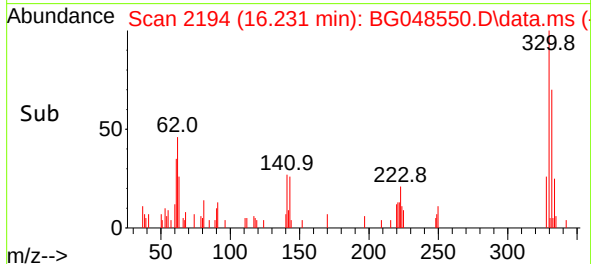
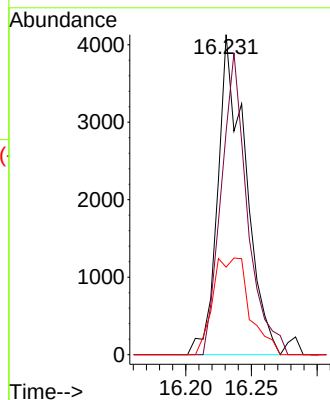
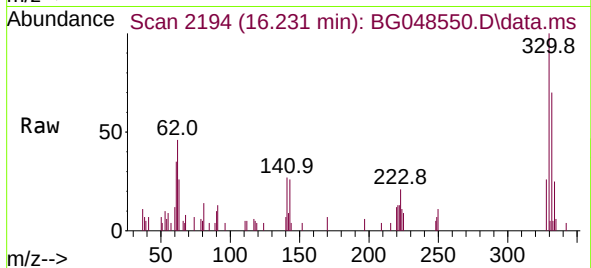




#42
2,4,6-Tribromophenol
Concen: 7.46 ng
RT: 16.231 min Scan# 2194
Delta R.T. -0.016 min
Lab File: BG048550.D
Acq: 1 Apr 2021 19:08

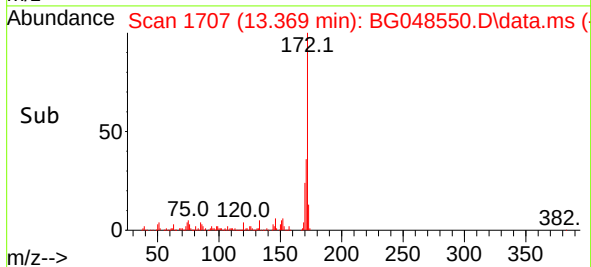
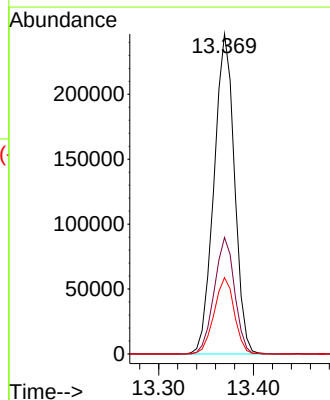
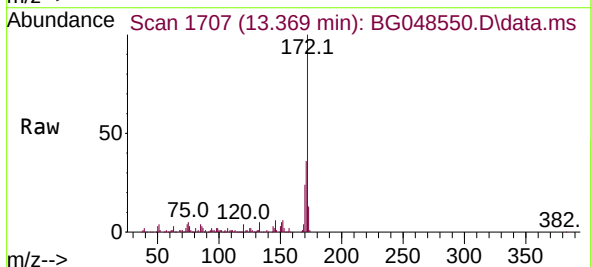
Instrument :
BNA_G
ClientSampleId :
EMPTY

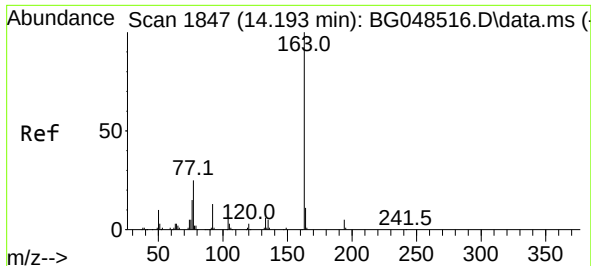
Tgt Ion:330 Resp: 6063
Ion Ratio Lower Upper
330 100
332 88.6 77.6 116.4
141 40.1 34.6 52.0



#45
2-Fluorobiphenyl
Concen: 88.72 ng
RT: 13.369 min Scan# 1707
Delta R.T. -0.010 min
Lab File: BG048550.D
Acq: 1 Apr 2021 19:08

Tgt Ion:172 Resp: 369061
Ion Ratio Lower Upper
172 100
171 36.4 28.5 42.7
170 23.9 19.8 29.6

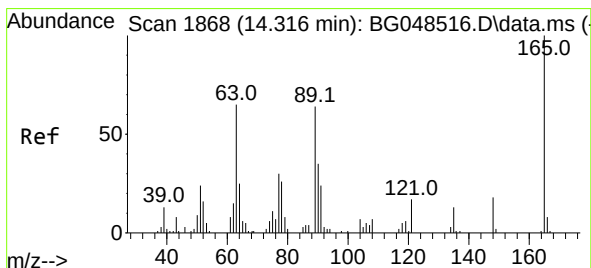
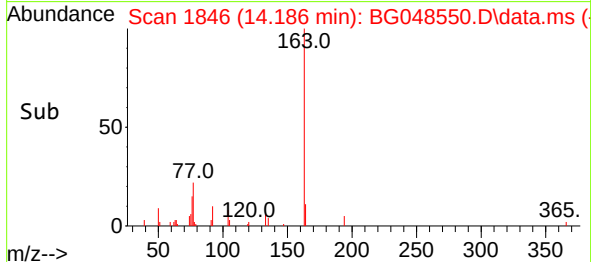
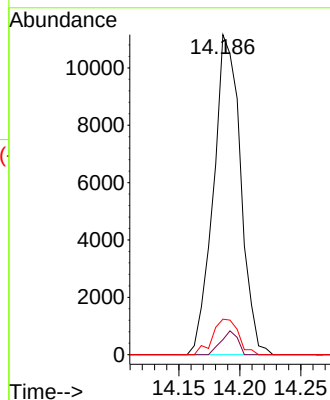
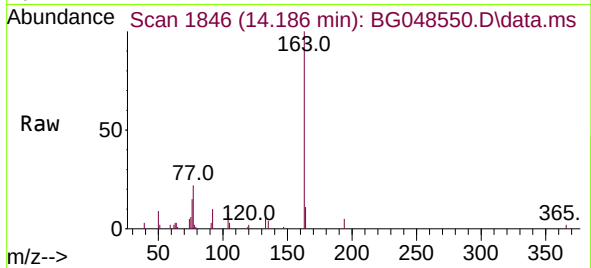




#50
Dimethylphthalate
Concen: 3.76 ng
RT: 14.186 min Scan# 1846
Delta R.T. -0.016 min
Lab File: BG048550.D
Acq: 1 Apr 2021 19:08

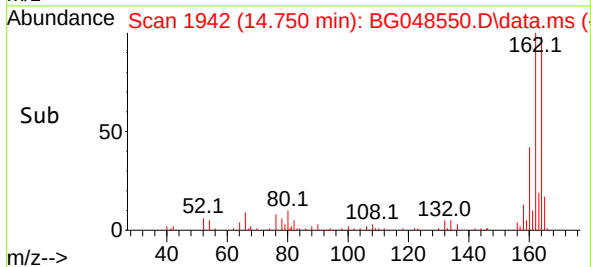
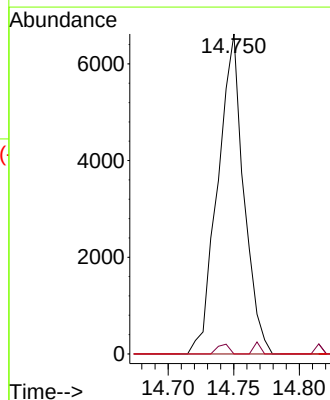
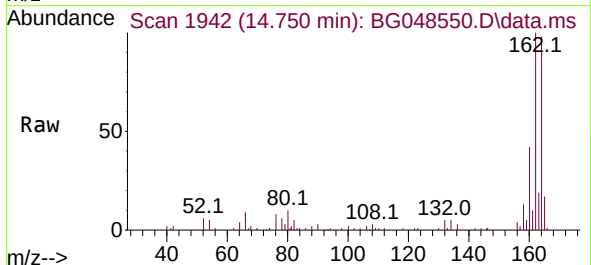
Instrument :
BNA_G
ClientSampleId :
EMPTY

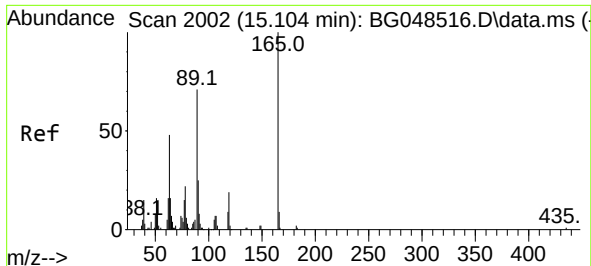
Tgt Ion:163 Resp: 17269
Ion Ratio Lower Upper
163 100
194 4.7 4.1 6.1
164 11.1 8.6 12.8



#51
2,6-Dinitrotoluene
Concen: 8.68 ng
RT: 14.750 min Scan# 1942
Delta R.T. 0.430 min
Lab File: BG048550.D
Acq: 1 Apr 2021 19:08

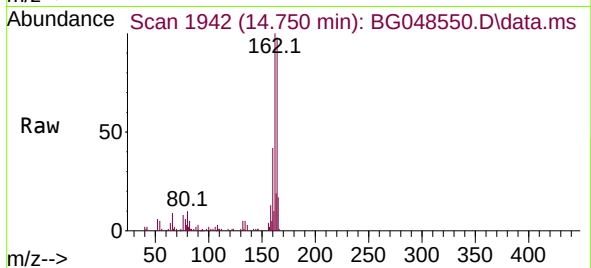
Tgt Ion:165 Resp: 9115
Ion Ratio Lower Upper
165 100
63 0.0 53.8 80.6#
89 0.0 50.8 76.2#



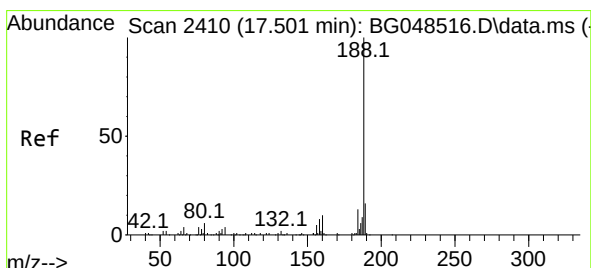
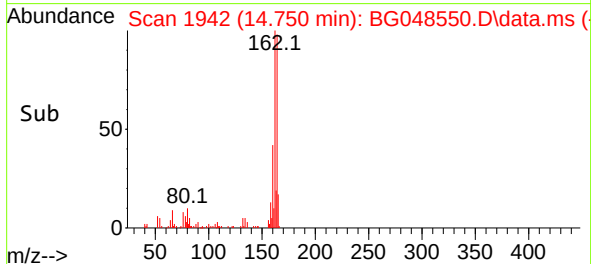
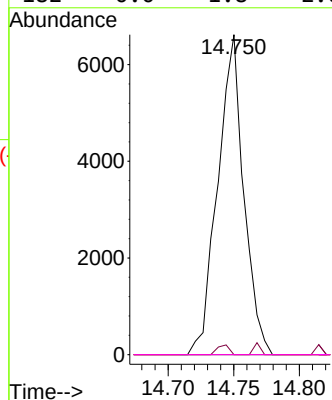


#57
2,4-Dinitrotoluene
Concen: 6.14 ng
RT: 14.750 min Scan# 1942
Delta R.T. -0.357 min
Lab File: BG048550.D
Acq: 1 Apr 2021 19:08

Instrument :
BNA_G
ClientSampleId :
EMPTY

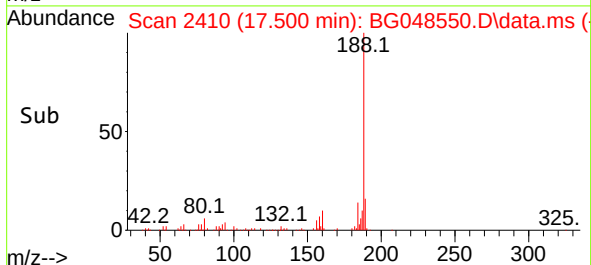
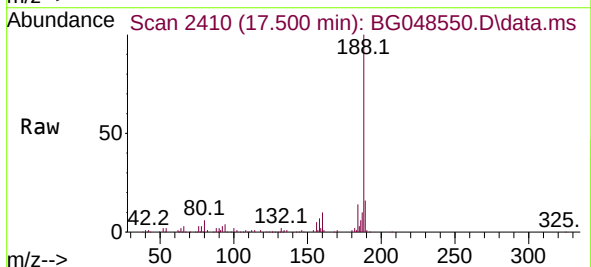
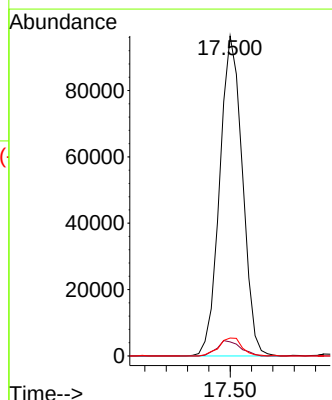


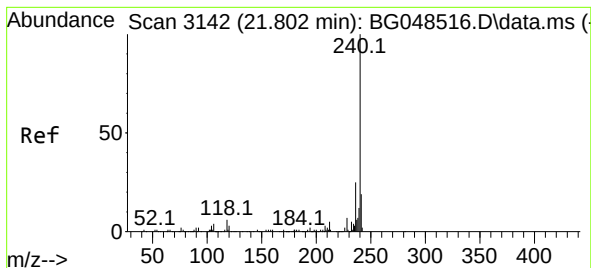
Tgt Ion:165 Resp: 9115
Ion Ratio Lower Upper
165 100
63 0.0 38.3 57.5#
89 0.0 56.5 84.7#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.500 min Scan# 2410
Delta R.T. -0.004 min
Lab File: BG048550.D
Acq: 1 Apr 2021 19:08

Tgt Ion:188 Resp: 142751
Ion Ratio Lower Upper
188 100
94 4.4 3.0 4.6
80 5.6 4.5 6.7

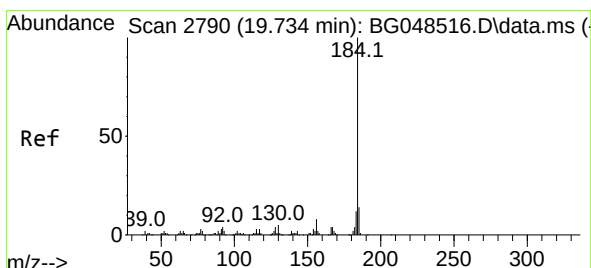
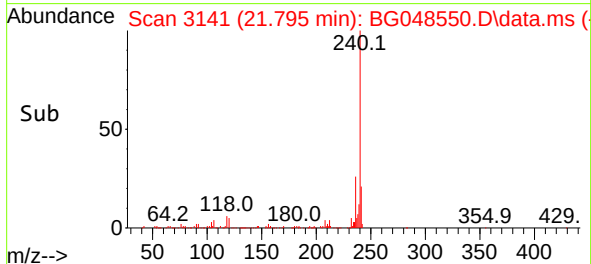
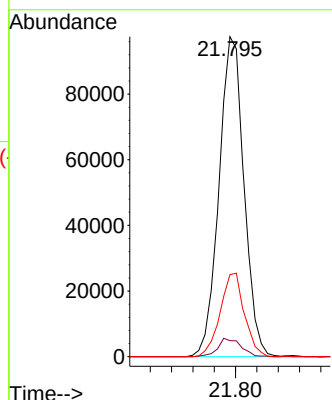
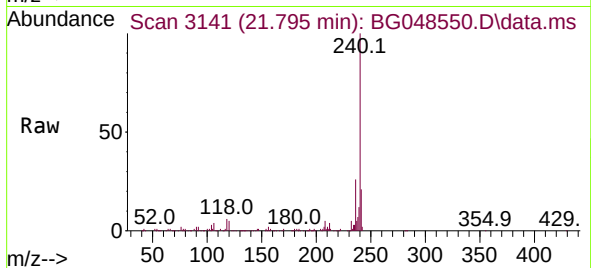




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.795 min Scan# 3141
Delta R.T. -0.010 min
Lab File: BG048550.D
Acq: 1 Apr 2021 19:08

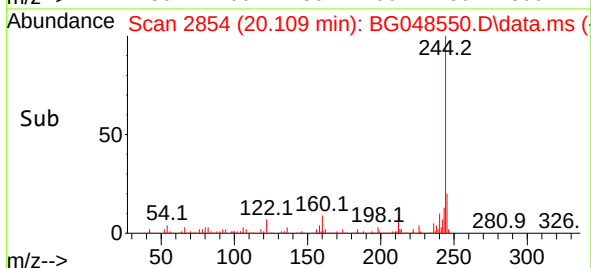
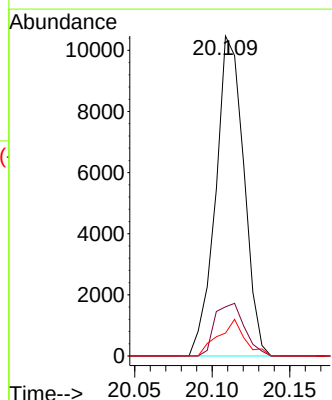
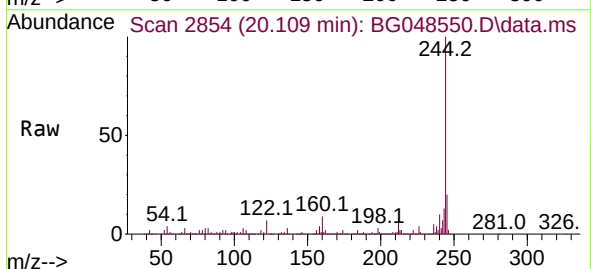
Instrument :
BNA_G
ClientSampleId :
EMPTY

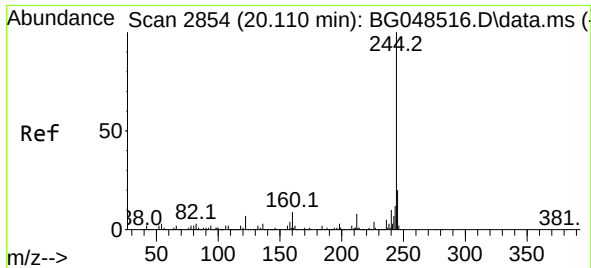
Tgt Ion:240 Resp: 158347
Ion Ratio Lower Upper
240 100
120 5.0 2.6 3.8#
236 25.6 19.8 29.6



#77
Benzidine
Concen: 2.47 ng
RT: 20.109 min Scan# 2854
Delta R.T. 0.377 min
Lab File: BG048550.D
Acq: 1 Apr 2021 19:08

Tgt Ion:184 Resp: 13231
Ion Ratio Lower Upper
184 100
185 15.3 11.0 16.4
183 7.2 9.2 13.8#

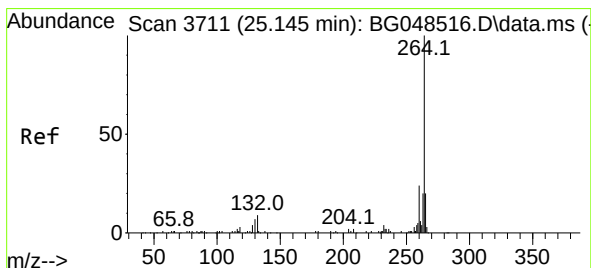
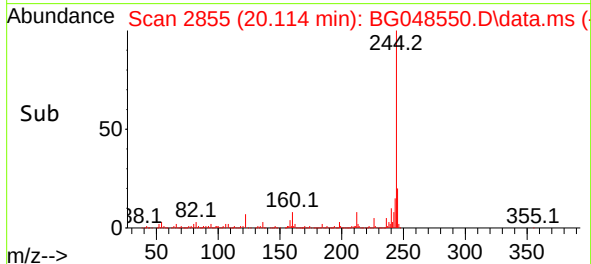
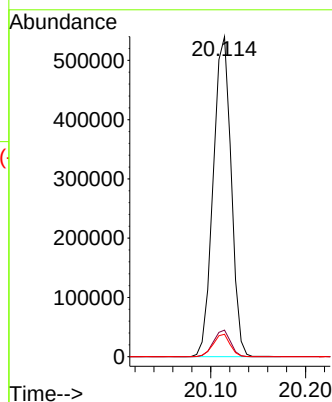
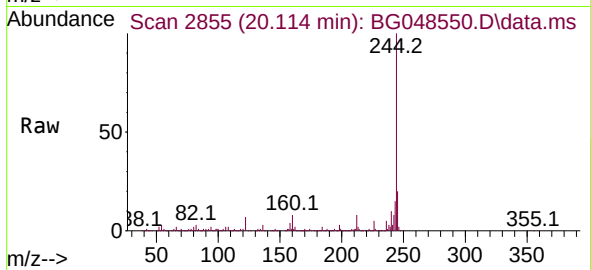




#79
 Terphenyl-d14
 Concen: 81.90 ng
 RT: 20.114 min Scan# 2855
 Delta R.T. 0.001 min
 Lab File: BG048550.D
 Acq: 1 Apr 2021 19:08

Instrument :
 BNA_G
 ClientSampleId :
 EMPTY

Tgt Ion:244 Resp: 709184
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.0 9.0
 122 7.0 5.8 8.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.138 min Scan# 3710
 Delta R.T. -0.010 min
 Lab File: BG048550.D
 Acq: 1 Apr 2021 19:08

Tgt Ion:264 Resp: 160315
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.1 28.7
 265 21.3 16.1 24.1

