

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010821\
 Data File : BG047892.D
 Acq On : 8 Jan 2021 18:45
 Operator : CG/JU
 Sample : M1019-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20410

Quant Time: Jan 09 00:54:09 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 08 11:19:41 2021
 Response via : Initial Calibration

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

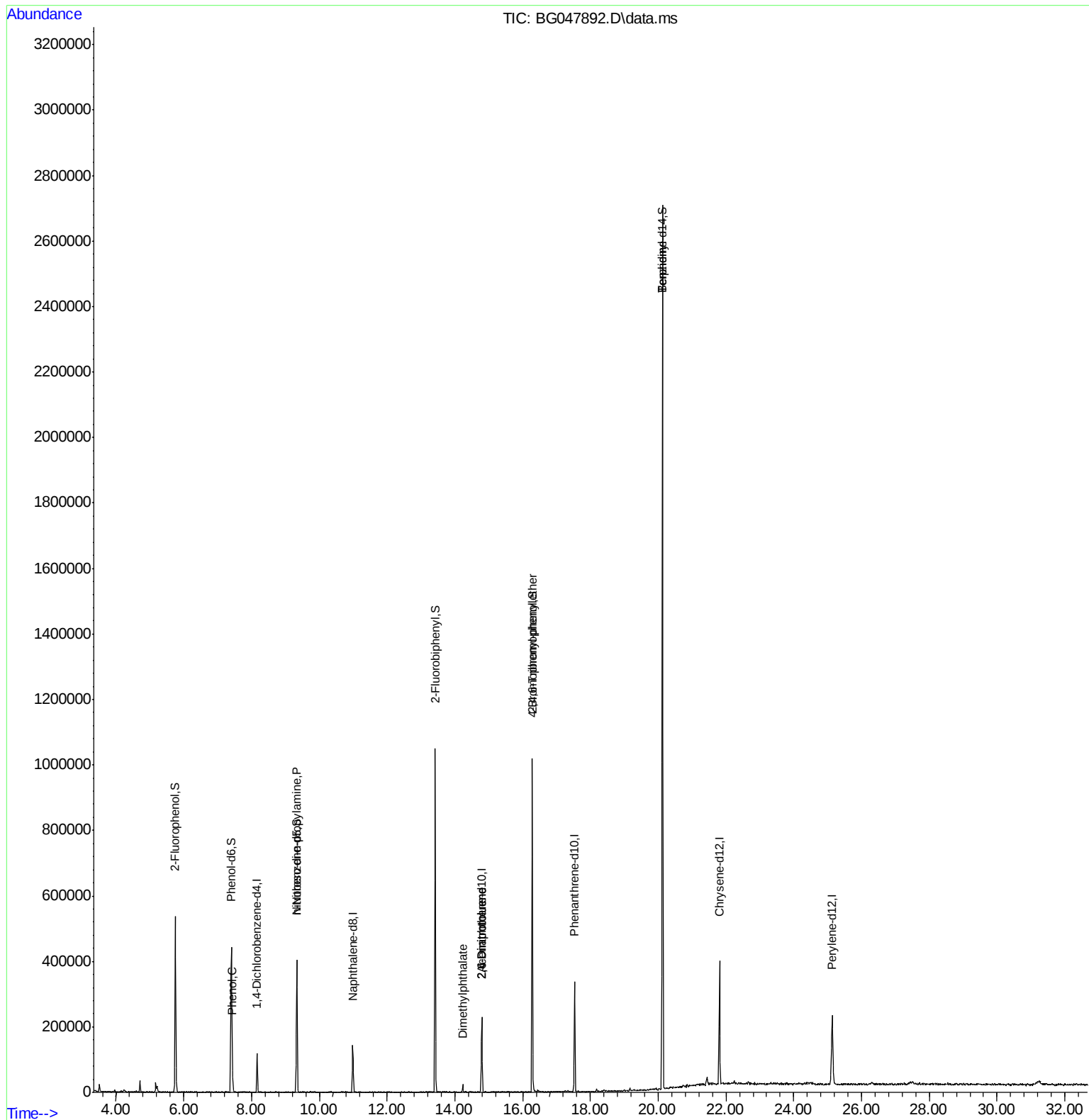
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.161	152	31029	20.00	ng	0.00
21) Naphthalene-d8	10.987	136	108651	20.00	ng	# 0.00
39) Acenaphthene-d10	14.795	164	80164	20.00	ng	0.00
64) Phenanthrene-d10	17.533	188	219055	20.00	ng	# 0.00
76) Chrysene-d12	21.810	240	246469	20.00	ng	# 0.00
86) Perylene-d12	25.136	264	241071	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.752	112	223010	124.33	ng	0.00
7) Phenol-d6	7.403	99	284106	108.35	ng	0.00
23) Nitrobenzene-d5	9.336	82	235896	79.86	ng	0.00
42) 2,4,6-Tribromophenol	16.287	330	198886	145.33	ng	0.00
45) 2-Fluorobiphenyl	13.420	172	530454	85.63	ng	0.00
79) Terphenyl-d14	20.124	244	1149453	76.85	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.433	94	18443	7.76	ng	# 50
19) n-Nitroso-di-n-propyla...	9.336	70	37653	20.64	ng	# 74
50) Dimethylphthalate	14.231	163	16045	2.32	ng	# 96
51) 2,6-Dinitrotoluene	14.789	165	10677	7.60	ng	# 32
57) 2,4-Dinitrotoluene	14.789	165	10677	5.11	ng	# 30
67) 4-Bromophenyl-phenylether	16.281	248	13405	4.55	ng	# 1
77) Benzidine	20.124	184	24466	3.69	ng	95

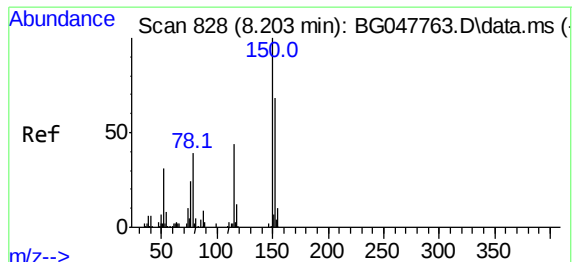
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jan 08 11:19:41 2021
Response via : Initial Calibration

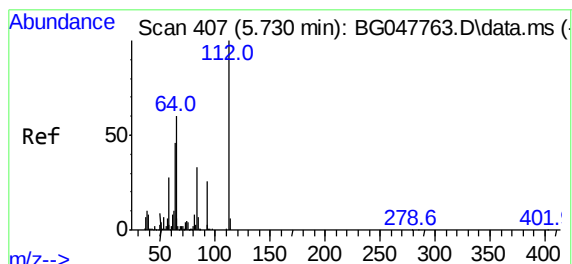
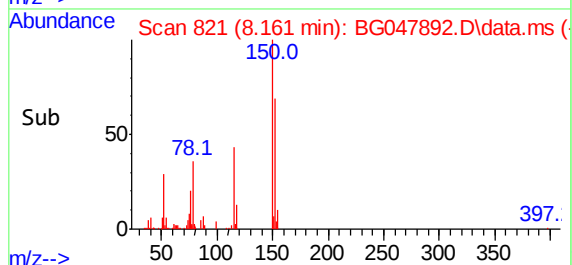
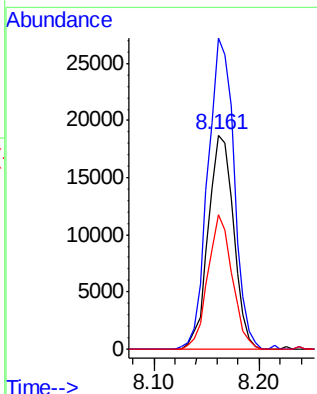
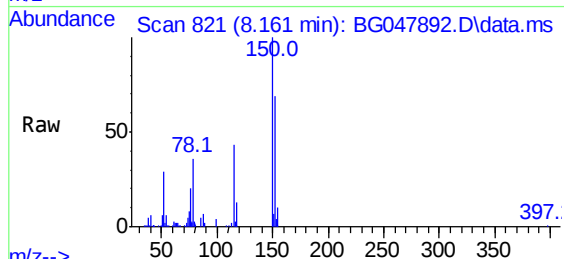




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.161 min Scan# 821
Delta R.T. -0.001 min
Lab File: BG047892.D
Acq: 8 Jan 2021 18:45

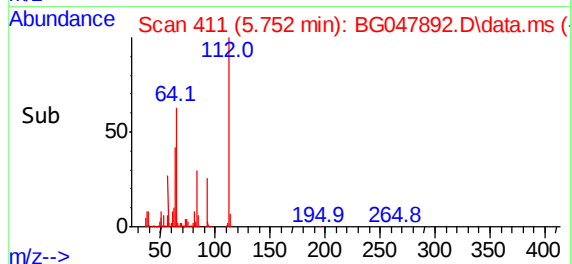
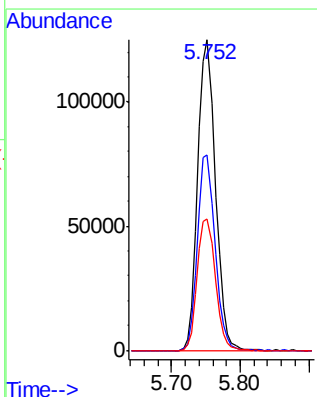
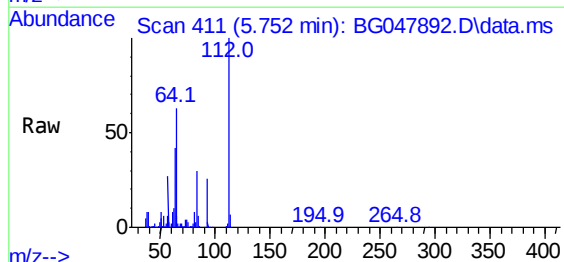
Instrument :
BNA_G
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20410

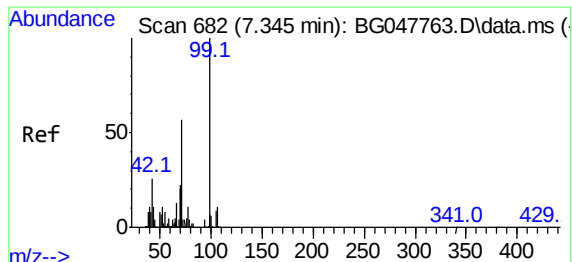
Tgt Ion:152 Resp: 31029
Ion Ratio Lower Upper
152 100
150 145.2 125.0 187.6
115 62.4 41.8 62.6



#5
2-Fluorophenol
Concen: 124.33 ng
RT: 5.752 min Scan# 411
Delta R.T. -0.000 min
Lab File: BG047892.D
Acq: 8 Jan 2021 18:45

Tgt Ion:112 Resp: 223010
Ion Ratio Lower Upper
112 100
64 62.8 46.7 70.1
63 42.3 22.8 34.2#

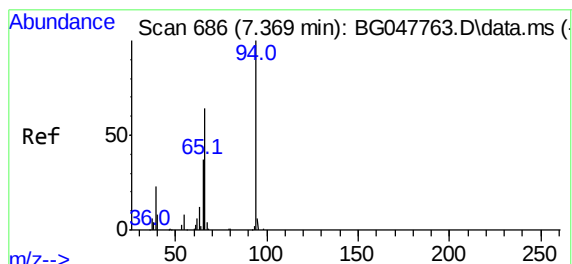
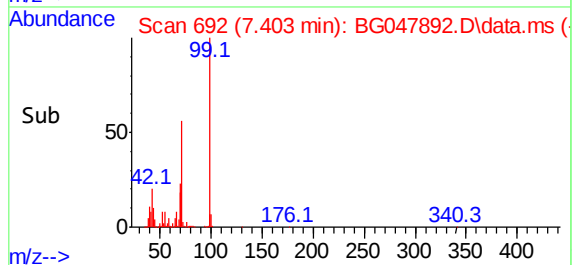
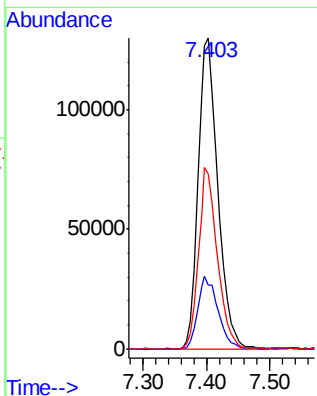
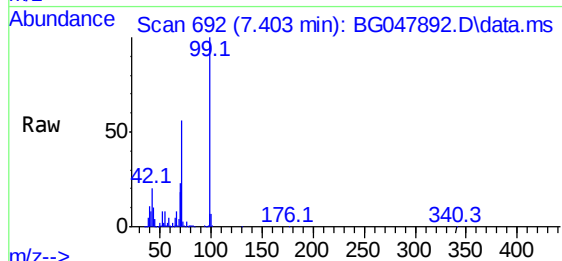




#7
Phenol-d6
Concen: 108.35 ng
RT: 7.403 min Scan# 692
Delta R.T. 0.005 min
Lab File: BG047892.D
Acq: 8 Jan 2021 18:45

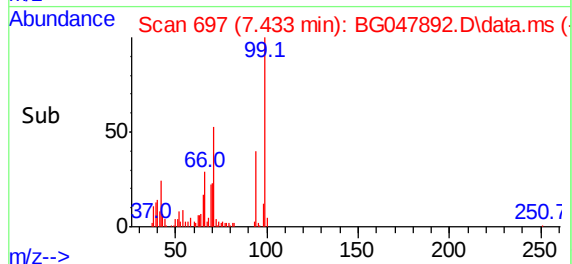
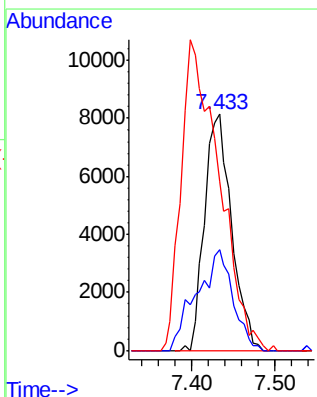
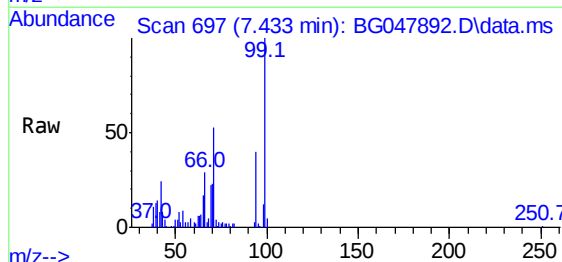
Instrument :
BNA_G
ClientSampleId :
20410

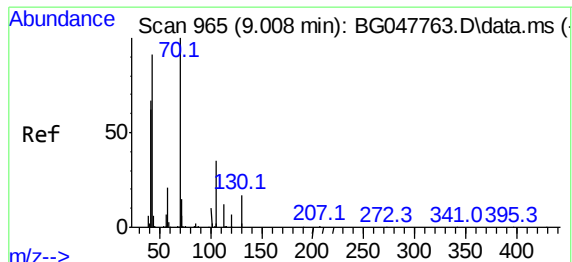
Tgt Ion: 99 Resp: 284106
Ion Ratio Lower Upper
99 100
42 20.4 12.8 19.2#
71 56.1 24.6 36.8#



#10
Phenol
Concen: 7.76 ng
RT: 7.433 min Scan# 697
Delta R.T. 0.005 min
Lab File: BG047892.D
Acq: 8 Jan 2021 18:45

Tgt Ion: 94 Resp: 18443
Ion Ratio Lower Upper
94 100
65 42.5 6.6 46.6
66 71.2 13.9 53.9#

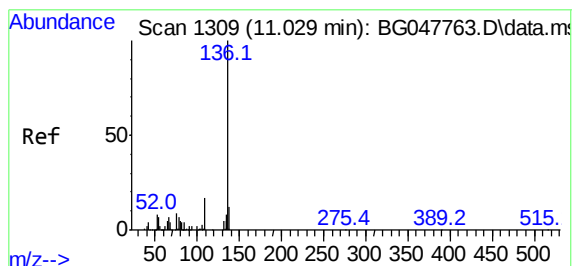
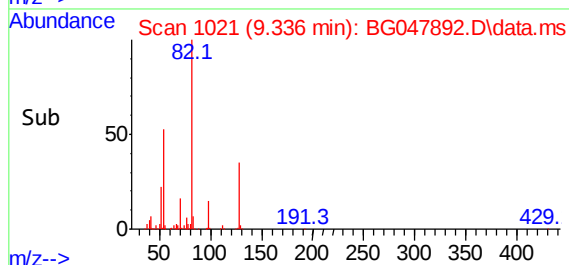
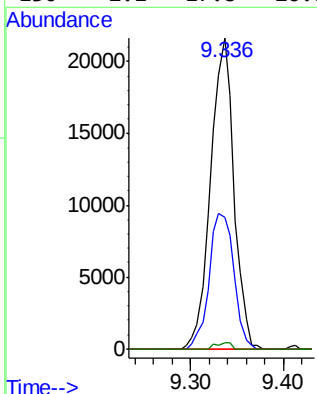
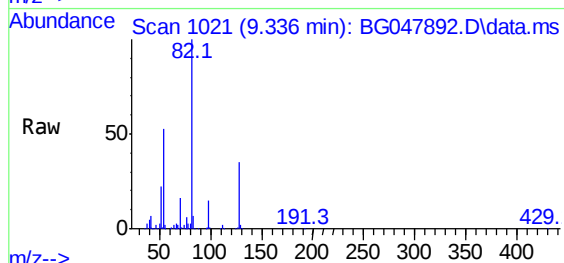




#19
n-Nitroso-di-n-propylamine
Concen: 20.64 ng
RT: 9.336 min Scan# 1021
Delta R.T. 0.370 min
Lab File: BG047892.D
Acq: 8 Jan 2021 18:45

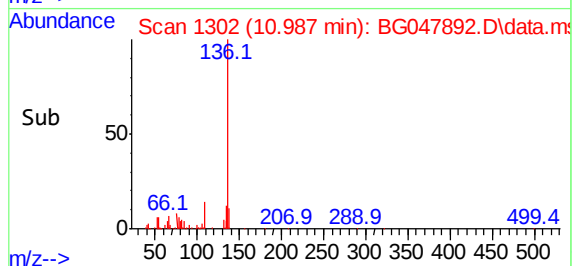
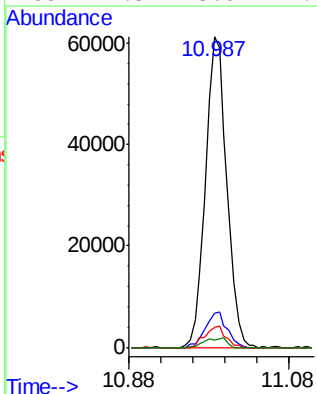
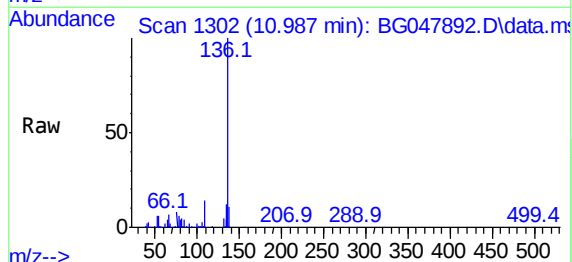
Instrument :
BNA_G
ClientSampleId :
20410

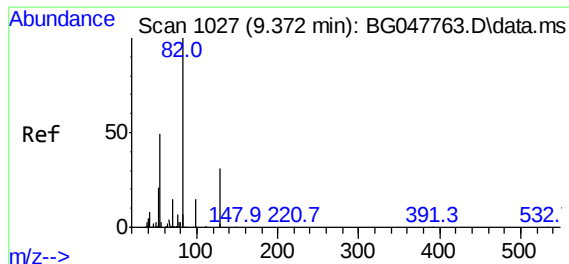
Tgt Ion: 70 Resp: 37653
Ion Ratio Lower Upper
70 100
42 42.3 45.6 68.4#
101 0.0 8.4 12.6#
130 2.1 17.8 26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.987 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BG047892.D
Acq: 8 Jan 2021 18:45

Tgt Ion:136 Resp: 108651
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 6.4 6.2 9.4
68 2.5 5.0 7.4#

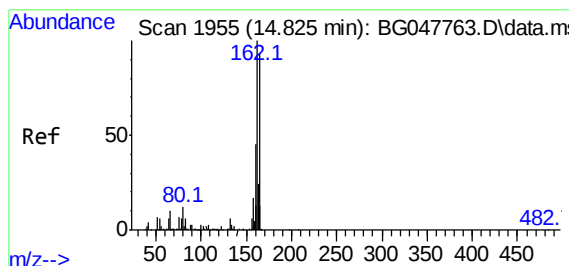
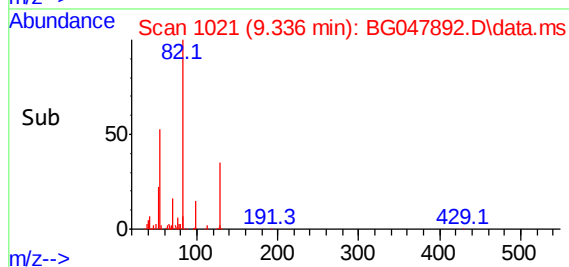
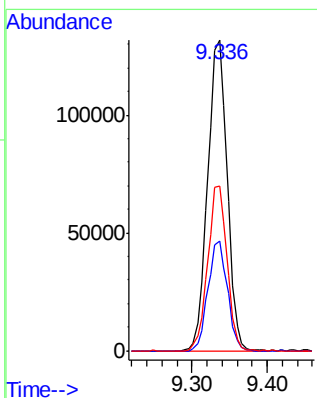
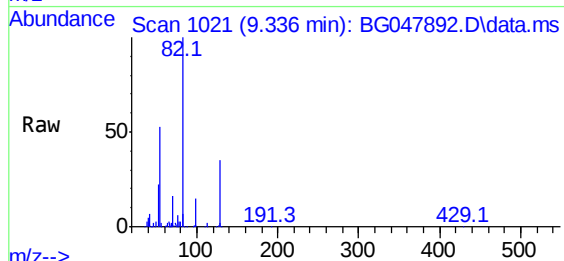




#23
Nitrobenzene-d5
Concen: 79.86 ng
RT: 9.336 min Scan# 1021
Delta R.T. -0.000 min
Lab File: BG047892.D
Acq: 8 Jan 2021 18:45

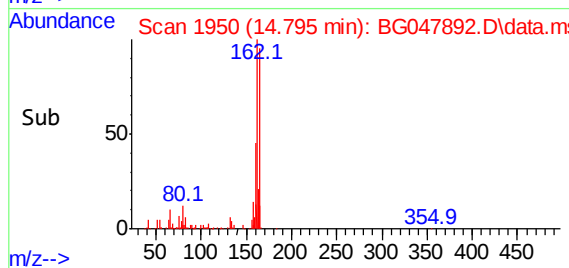
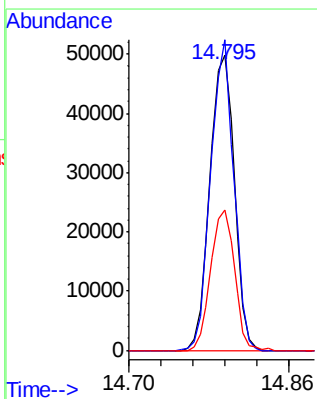
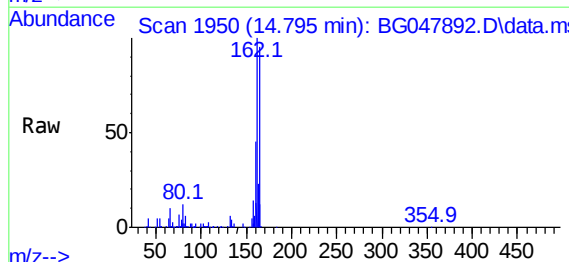
Instrument :
BNA_G
ClientSampleId :
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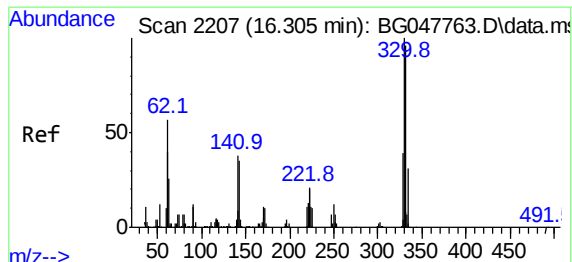
Tgt Ion: 82 Resp: 235896
Ion Ratio Lower Upper
82 100
128 35.1 37.0 55.6#
54 53.1 39.0 58.4



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.795 min Scan# 1950
Delta R.T. -0.000 min
Lab File: BG047892.D
Acq: 8 Jan 2021 18:45

Tgt Ion: 164 Resp: 80164
Ion Ratio Lower Upper
164 100
162 105.2 82.3 123.5
160 47.5 35.3 52.9

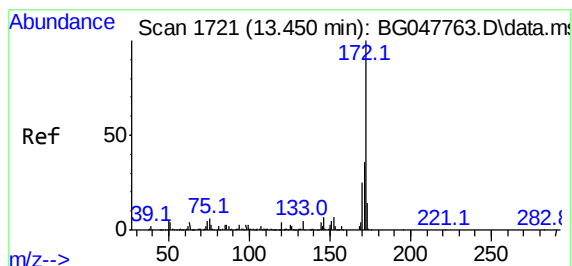
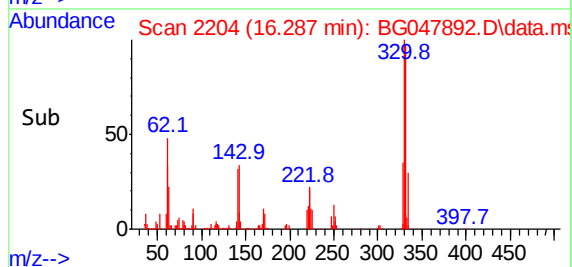
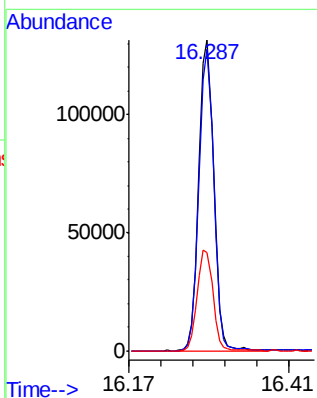
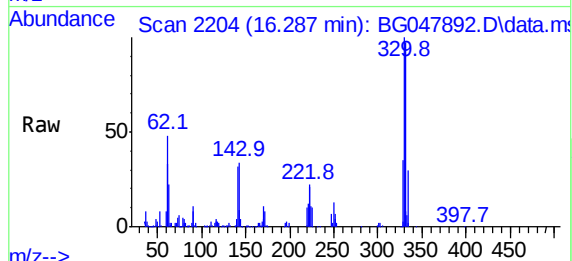




#42
2,4,6-Tribromophenol
Concen: 145.33 ng
RT: 16.287 min Scan# 2204
Delta R.T. -0.000 min
Lab File: BG047892.D
Acq: 8 Jan 2021 18:45

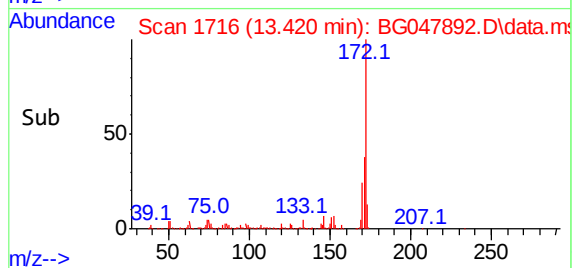
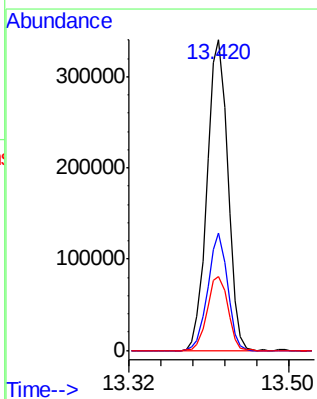
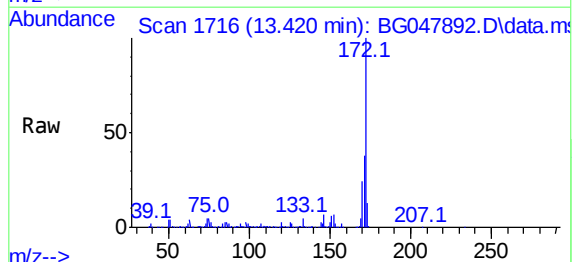
Instrument :
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ClientSampleId :
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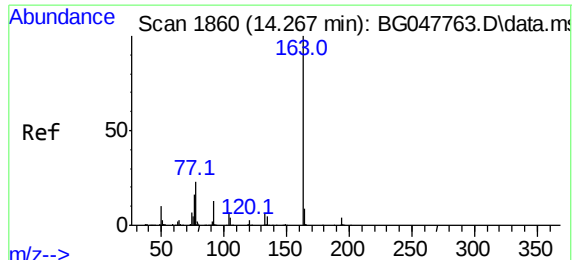
Tgt Ion:330 Resp: 198886
Ion Ratio Lower Upper
330 100
332 96.4 76.5 114.7
141 33.9 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 85.63 ng
RT: 13.420 min Scan# 1716
Delta R.T. -0.000 min
Lab File: BG047892.D
Acq: 8 Jan 2021 18:45

Tgt Ion:172 Resp: 530454
Ion Ratio Lower Upper
172 100
171 37.8 31.3 46.9
170 23.7 20.8 31.2





#50

Dimethylphthalate

Concen: 2.32 ng

RT: 14.231 min Scan# 1854

Delta R.T. -0.012 min

Lab File: BG047892.D

Acq: 8 Jan 2021 18:45

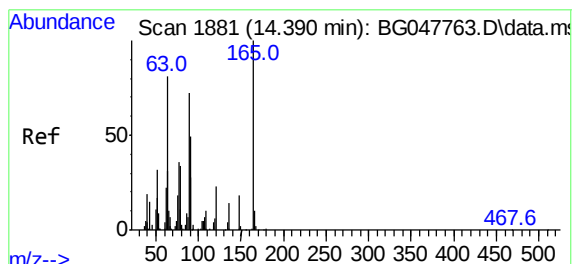
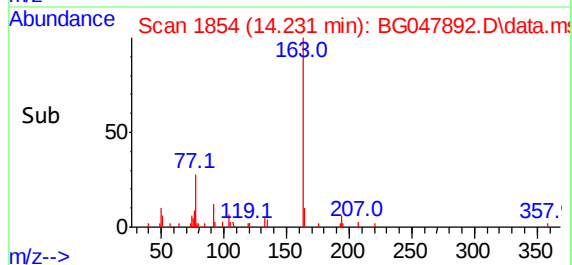
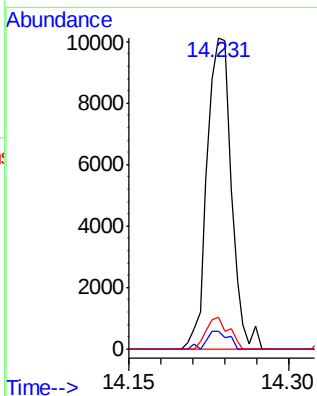
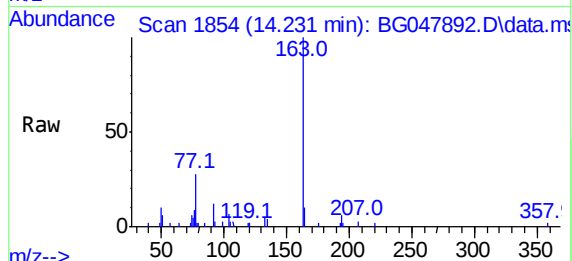
Instrument :

BNA_G

ClientSampleId :

20410

Tgt Ion:	163	Resp:	16045
Ion	Ratio	Lower	Upper
163	100		
194	7.4	3.8	5.8#
164	10.4	8.8	13.2



#51

2,6-Dinitrotoluene

Concen: 7.60 ng

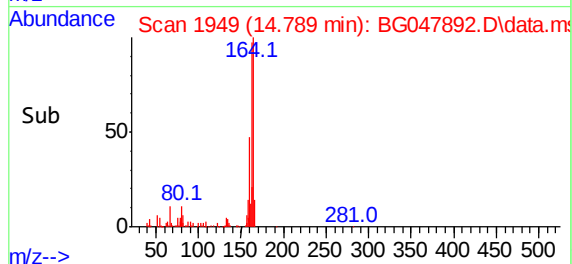
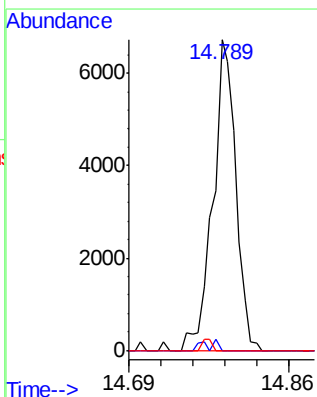
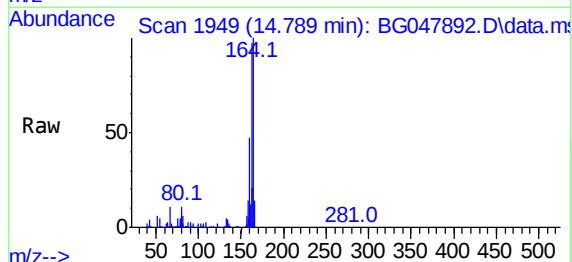
RT: 14.789 min Scan# 1949

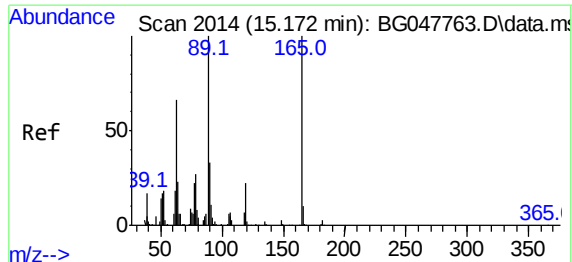
Delta R.T. 0.429 min

Lab File: BG047892.D

Acq: 8 Jan 2021 18:45

Tgt Ion:	165	Resp:	10677
Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.7	50.5#
89	0.0	36.6	54.8#

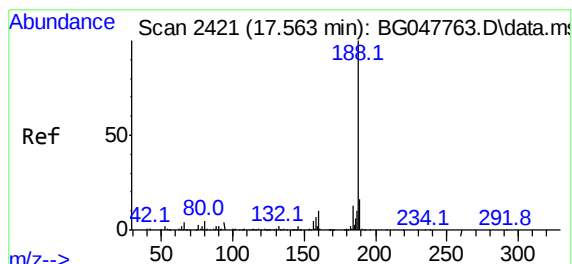
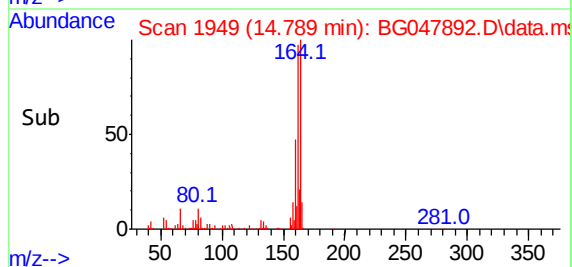
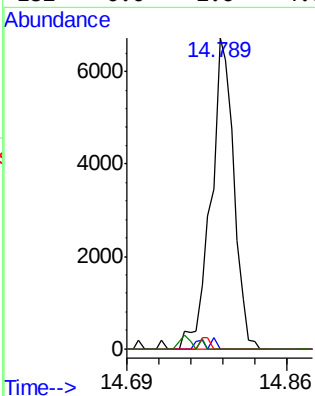
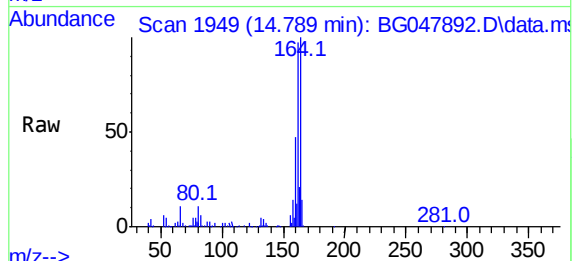




#57
2,4-Dinitrotoluene
Concen: 5.11 ng
RT: 14.789 min Scan# 1949
Delta R.T. -0.359 min
Lab File: BG047892.D
Acq: 8 Jan 2021 18:45

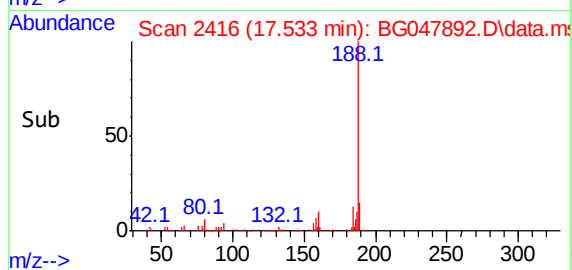
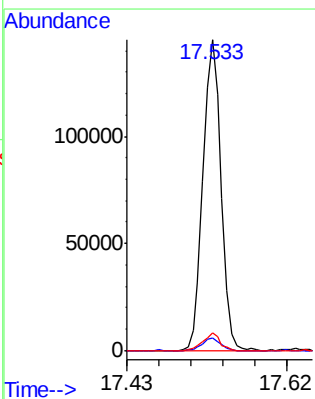
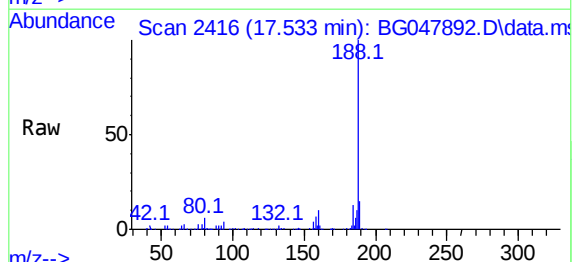
Instrument :
BNA_G
ClientSampleId :
20410

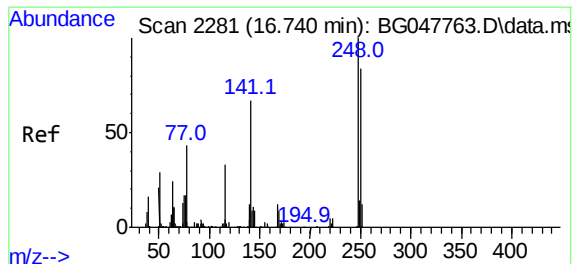
Tgt Ion:165 Resp: 10677
Ion Ratio Lower Upper
165 100
63 0.0 26.4 39.6#
89 0.0 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.533 min Scan# 2416
Delta R.T. -0.000 min
Lab File: BG047892.D
Acq: 8 Jan 2021 18:45

Tgt Ion:188 Resp: 219055
Ion Ratio Lower Upper
188 100
94 4.2 6.3 9.5#
80 5.7 7.0 10.6#

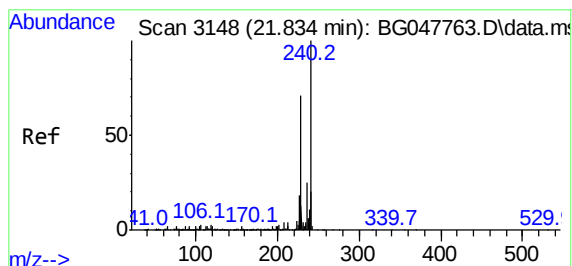
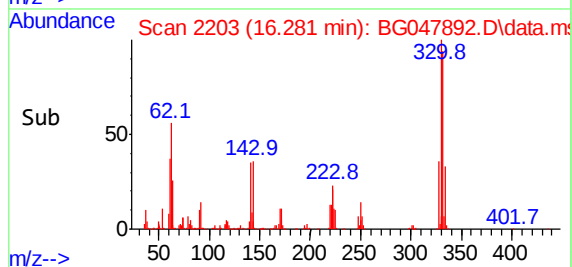
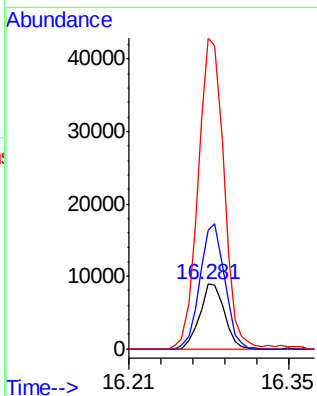
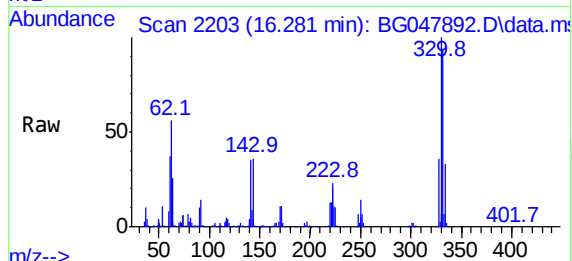




#67
4-Bromophenyl-phenylether
Concen: 4.55 ng
RT: 16.281 min Scan# 2203
Delta R.T. -0.435 min
Lab File: BG047892.D
Acq: 8 Jan 2021 18:45

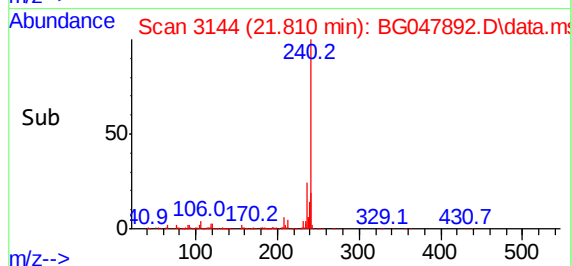
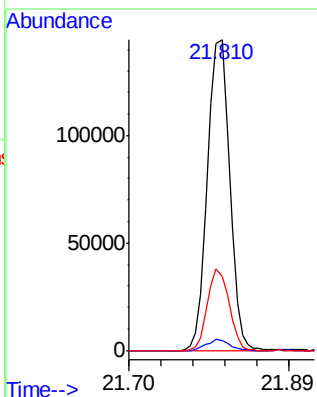
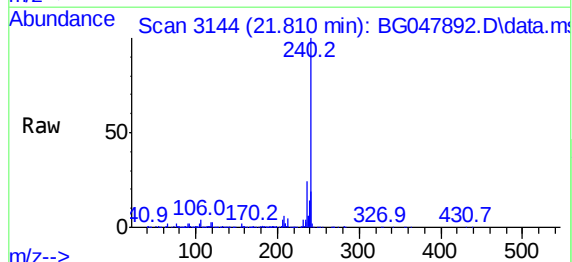
Instrument :
BNA_G
ClientSampleId :
20410

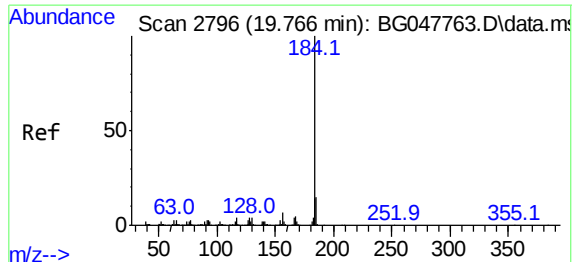
Tgt Ion:248 Resp: 13405
Ion Ratio Lower Upper
248 100
250 184.7 78.9 118.3#
141 480.9 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.810 min Scan# 3144
Delta R.T. -0.000 min
Lab File: BG047892.D
Acq: 8 Jan 2021 18:45

Tgt Ion:240 Resp: 246469
Ion Ratio Lower Upper
240 100
120 3.0 6.2 9.4#
236 24.0 20.5 30.7

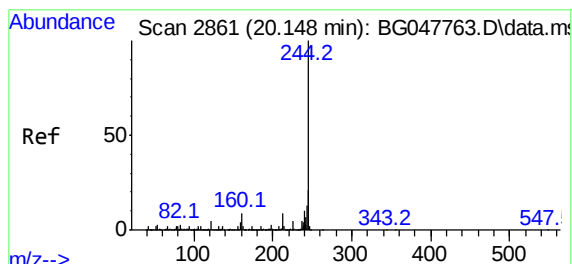
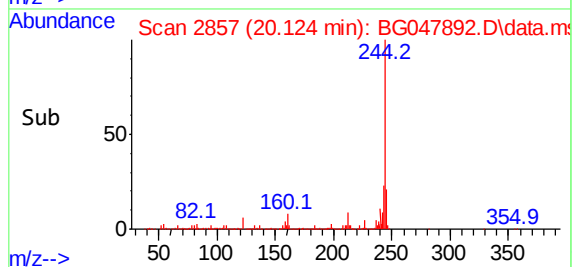
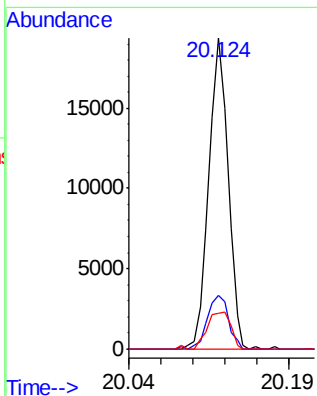
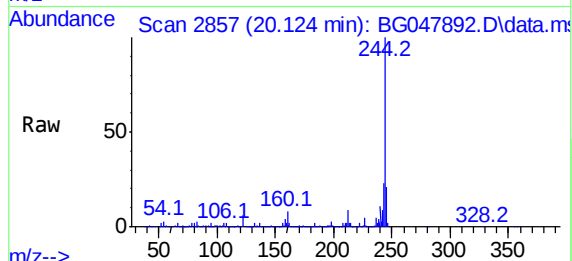




#77
Benzidine
Concen: 3.69 ng
RT: 20.124 min Scan# 2857
Delta R.T. 0.376 min
Lab File: BG047892.D
Acq: 8 Jan 2021 18:45

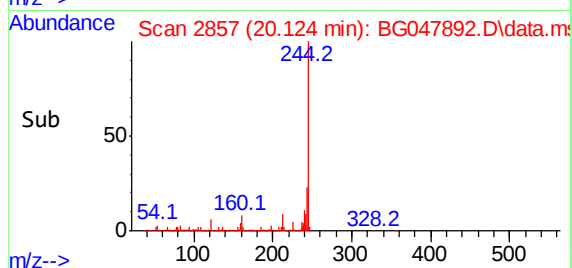
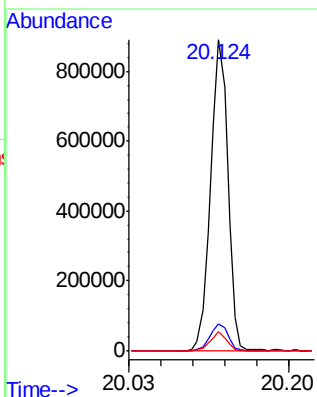
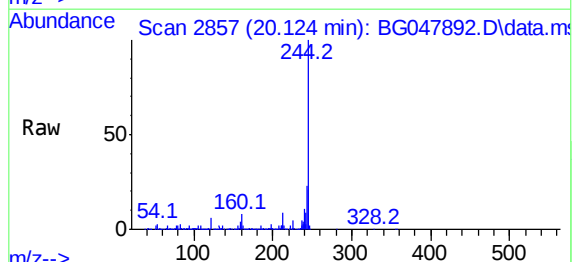
Instrument :
BNA_G
ClientSampleId :
20410

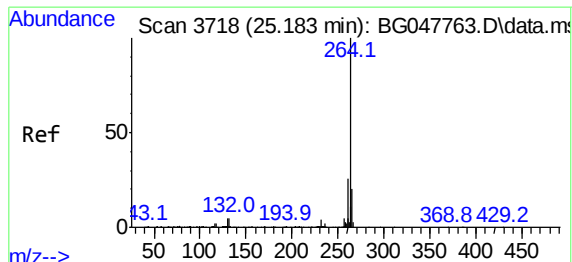
Tgt Ion:184 Resp: 24466
Ion Ratio Lower Upper
184 100
185 17.4 12.4 18.6
183 11.3 10.6 15.8



#79
Terphenyl-d14
Concen: 76.85 ng
RT: 20.124 min Scan# 2857
Delta R.T. -0.000 min
Lab File: BG047892.D
Acq: 8 Jan 2021 18:45

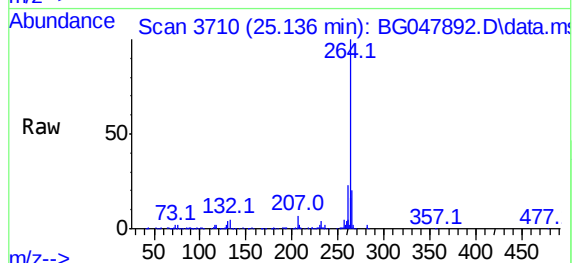
Tgt Ion:244 Resp: 1149453
Ion Ratio Lower Upper
244 100
212 8.7 6.7 10.1
122 6.0 7.8 11.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.136 min Scan# 3710
 Delta R.T. -0.000 min
 Lab File: BG047892.D
 Acq: 8 Jan 2021 18:45

Instrument :
 BNA_G
 ClientSampleId :
 20410



Tgt Ion:264 Resp: 241071

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.8	28.2
265	20.0	17.8	26.8

