

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040521\
 Data File : BG048587.D
 Acq On : 5 Apr 2021 17:18
 Operator : CG/JU
 Sample : M1908-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-5(3.0-3.5)

Quant Time: Apr 05 18:10:33 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 02 10:20:56 2021
 Response via : Initial Calibration

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

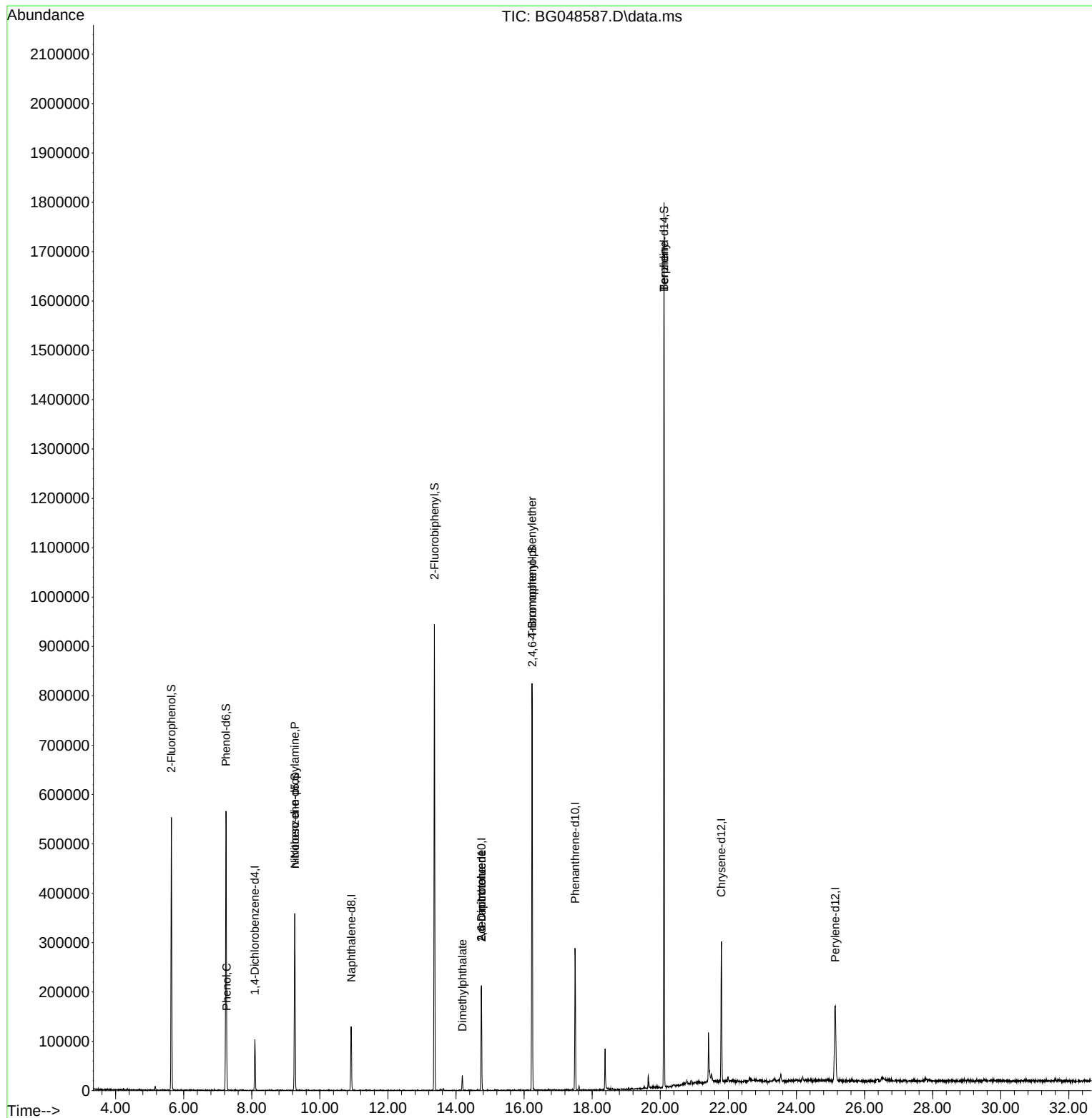
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.089	152	27093	20.00	ng	0.00
21) Naphthalene-d8	10.921	136	109429	20.00	ng	# 0.00
39) Acenaphthene-d10	14.746	164	73574	20.00	ng	0.00
64) Phenanthrene-d10	17.495	188	185404	20.00	ng	#-0.01
76) Chrysene-d12	21.796	240	174558	20.00	ng	# 0.00
86) Perylene-d12	25.139	264	176371	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.639	112	226824	147.81	ng	0.00
7) Phenol-d6	7.243	99	291308	130.89	ng	0.00
23) Nitrobenzene-d5	9.264	82	211882	93.74	ng	0.00
42) 2,4,6-Tribromophenol	16.238	330	144368	149.27	ng	0.00
45) 2-Fluorobiphenyl	13.365	172	470173	94.98	ng	0.00
79) Terphenyl-d14	20.110	244	806305	84.47	ng	0.00
Target Compounds						
10) Phenol	7.266	94	6416	2.88	ng	Qvalue 77
19) n-Nitroso-di-n-propyla...	9.264	70	31798	20.73	ng	# 71
50) Dimethylphthalate	14.188	163	17734	3.25	ng	# 97
51) 2,6-Dinitrotoluene	14.746	165	10306	8.25	ng	# 17
57) 2,4-Dinitrotoluene	14.746	165	10306	5.83	ng	# 22
67) 4-Bromophenyl-phenylether	16.232	248	10019	4.87	ng	# 1
77) Benzidine	20.110	184	13807	2.34	ng	# 90

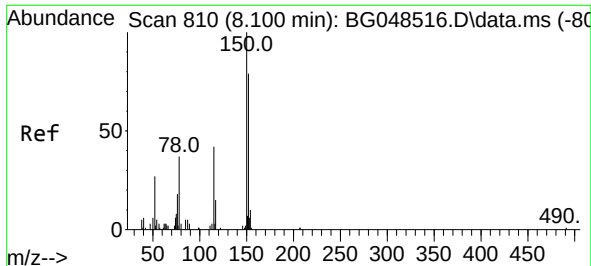
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040521\
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-5(3.0-3.5)

Quant Time: Apr 05 18:10:33 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 02 10:20:56 2021
Response via : Initial Calibration

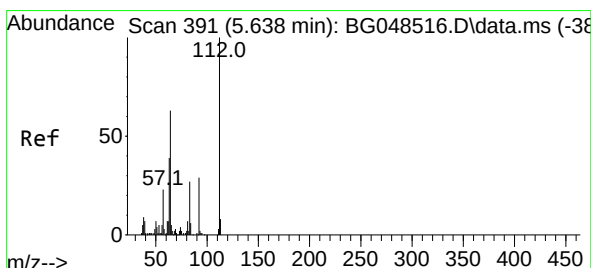
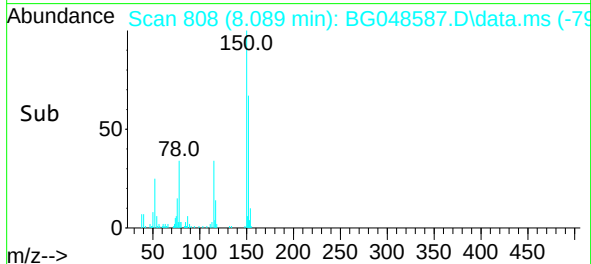
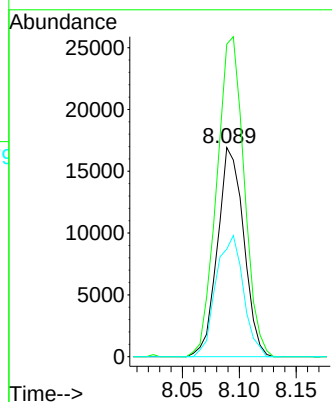
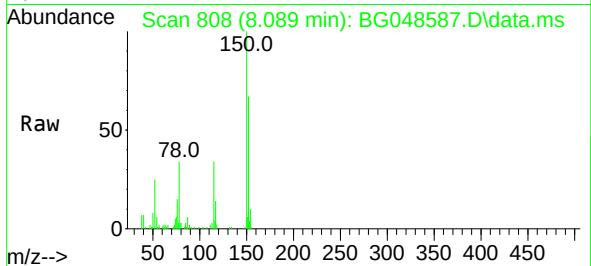




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.089 min Scan# 808
Delta R.T. -0.005 min
Lab File: BG048587.D
Acq: 5 Apr 2021 17:18

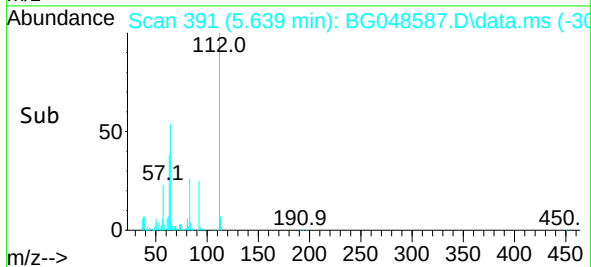
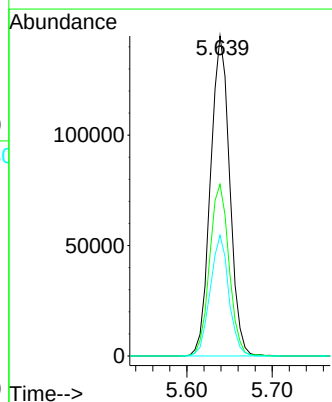
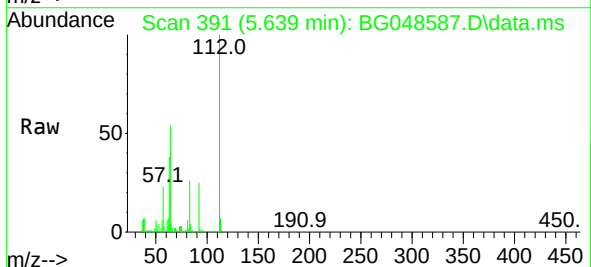
Instrument :
BNA_G
ClientSampleId :
SB-5(3.0-3.5)

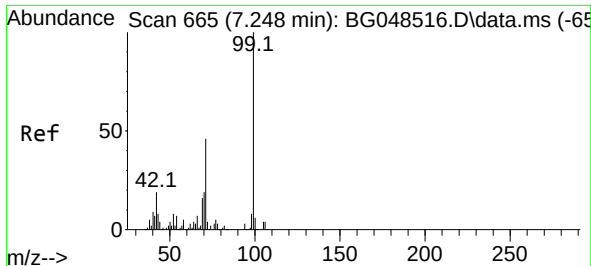
Tgt Ion:152 Resp: 27093
Ion Ratio Lower Upper
152 100
150 149.4 101.3 151.9
115 51.4 42.3 63.5



#5
2-Fluorophenol
Concen: 147.81 ng
RT: 5.639 min Scan# 391
Delta R.T. 0.001 min
Lab File: BG048587.D
Acq: 5 Apr 2021 17:18

Tgt Ion:112 Resp: 226824
Ion Ratio Lower Upper
112 100
64 53.6 50.4 75.6
63 37.7 31.4 47.2

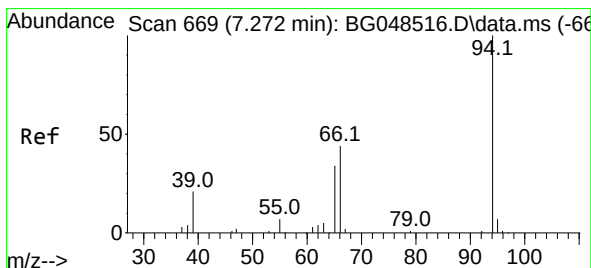
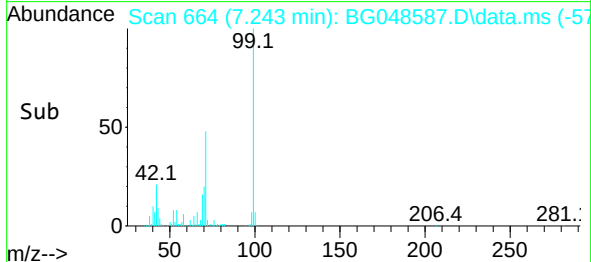
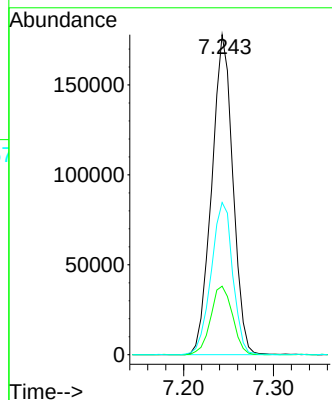
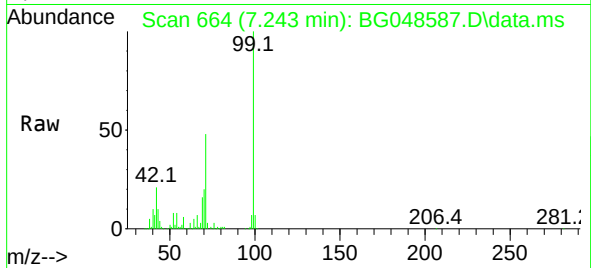




#7
Phenol-d6
Concen: 130.89 ng
RT: 7.243 min Scan# 664
Delta R.T. -0.005 min
Lab File: BG048587.D
Acq: 5 Apr 2021 17:18

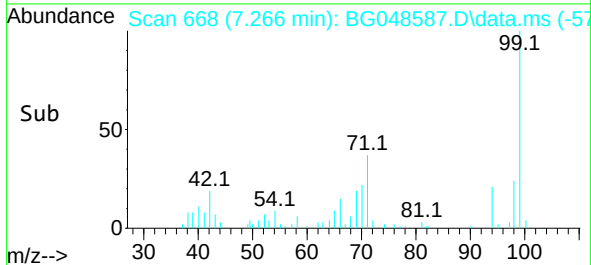
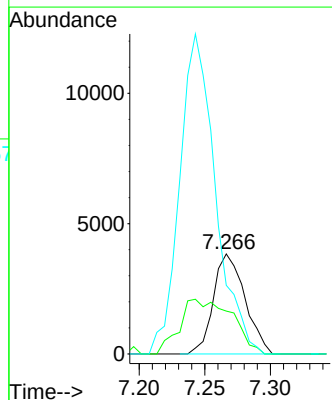
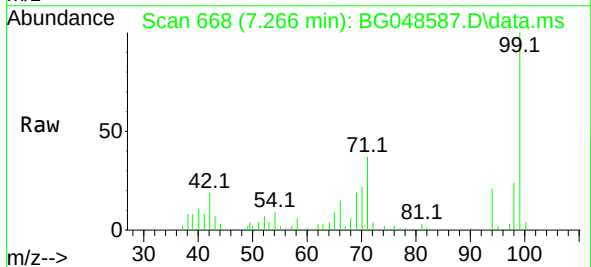
Instrument :
BNA_G
ClientSampleId :
SB-5(3.0-3.5)

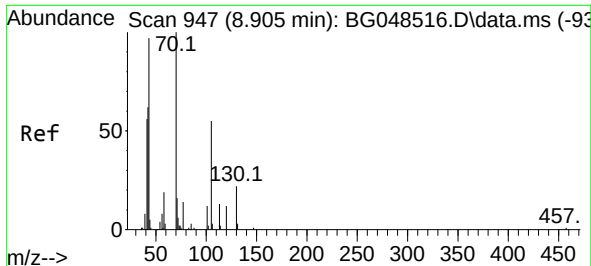
Tgt Ion: 99 Resp: 291308
Ion Ratio Lower Upper
99 100
42 21.4 15.5 23.3
71 47.6 36.6 54.8



#10
Phenol
Concen: 2.88 ng
RT: 7.266 min Scan# 668
Delta R.T. -0.005 min
Lab File: BG048587.D
Acq: 5 Apr 2021 17:18

Tgt Ion: 94 Resp: 6416
Ion Ratio Lower Upper
94 100
65 42.9 15.1 55.1
66 68.7 28.9 68.9

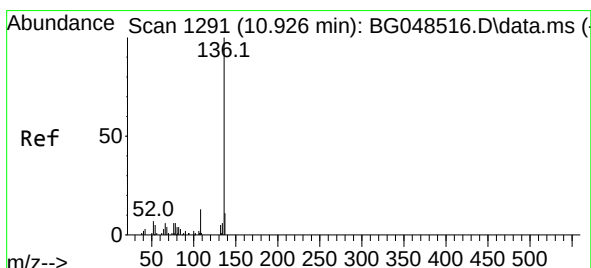
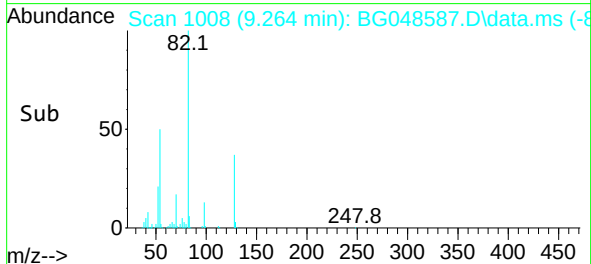
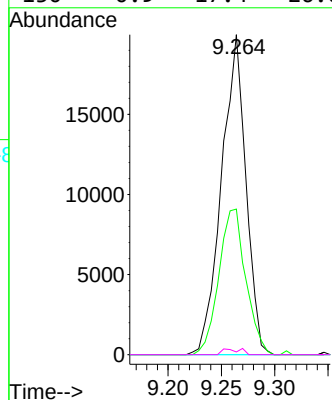
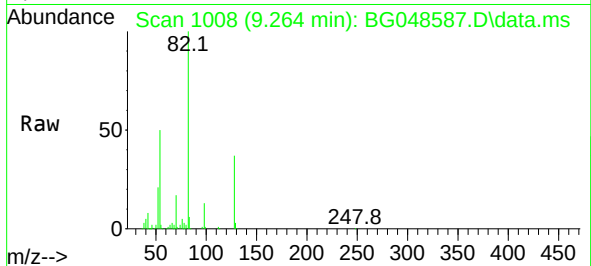




#19
n-Nitroso-di-n-propylamine
Concen: 20.73 ng
RT: 9.264 min Scan# 1008
Delta R.T. 0.359 min
Lab File: BG048587.D
Acq: 5 Apr 2021 17:18

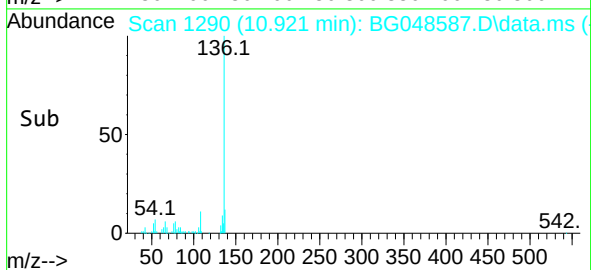
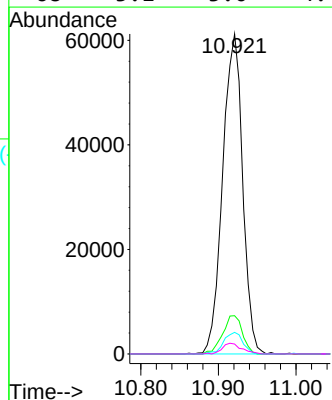
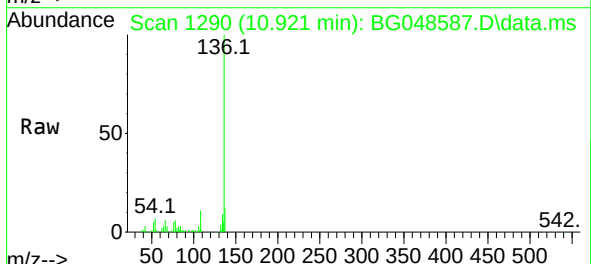
Instrument :
BNA_G
ClientSampleId :
SB-5(3.0-3.5)

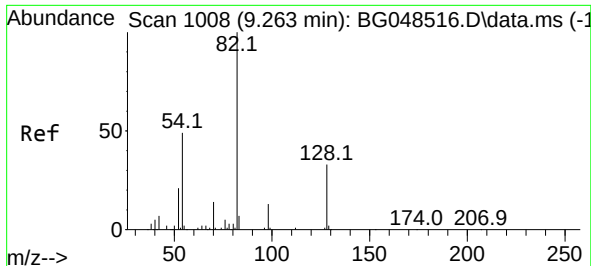
Tgt Ion: 70 Resp: 31798
Ion Ratio Lower Upper
70 100
42 45.5 50.8 76.2#
101 0.0 9.7 14.5#
130 0.9 17.4 26.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.921 min Scan# 1290
Delta R.T. -0.005 min
Lab File: BG048587.D
Acq: 5 Apr 2021 17:18

Tgt Ion:136 Resp: 109429
Ion Ratio Lower Upper
136 100
137 11.9 8.6 12.8
54 6.8 4.2 6.4#
68 3.1 3.0 4.4

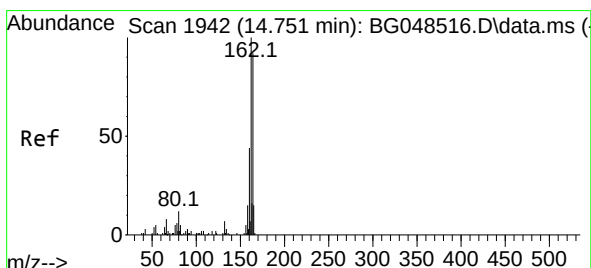
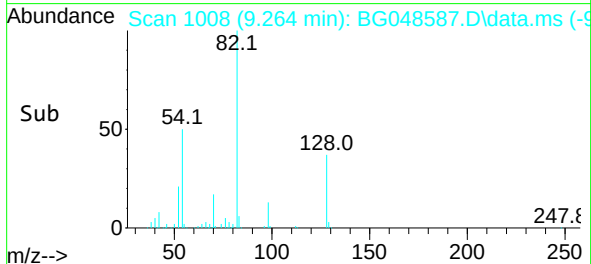
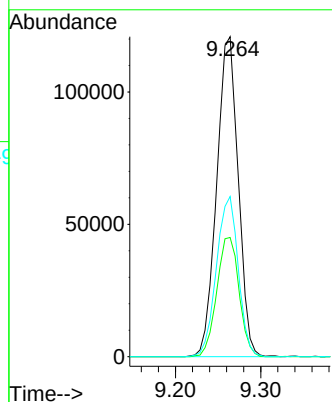
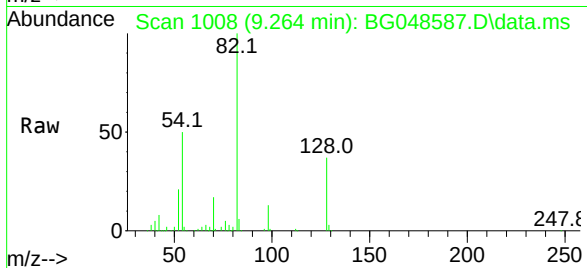




#23
Nitrobenzene-d5
Concen: 93.74 ng
RT: 9.264 min Scan# 1008
Delta R.T. -0.005 min
Lab File: BG048587.D
Acq: 5 Apr 2021 17:18

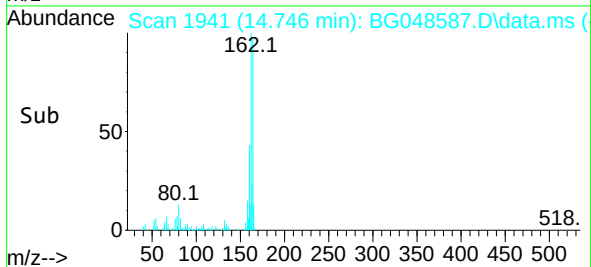
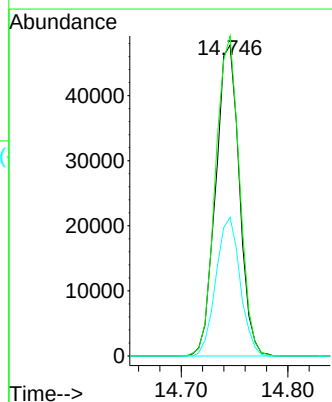
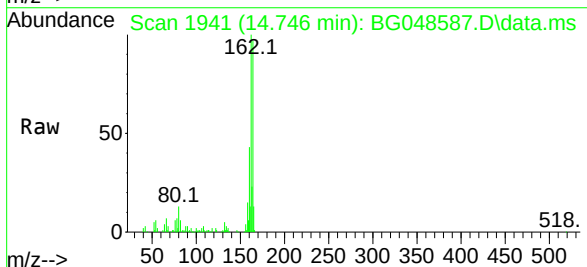
Instrument :
BNA_G
ClientSampleId :
SB-5(3.0-3.5)

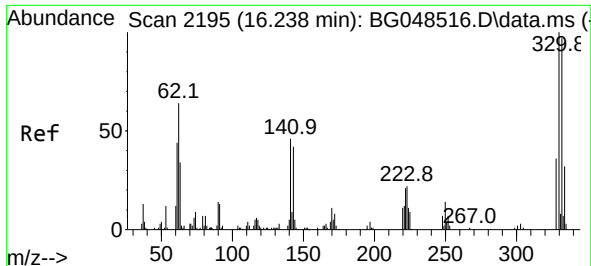
Tgt Ion: 82 Resp: 211882
Ion Ratio Lower Upper
82 100
128 37.2 26.2 39.4
54 50.1 38.9 58.3



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.746 min Scan# 1941
Delta R.T. -0.005 min
Lab File: BG048587.D
Acq: 5 Apr 2021 17:18

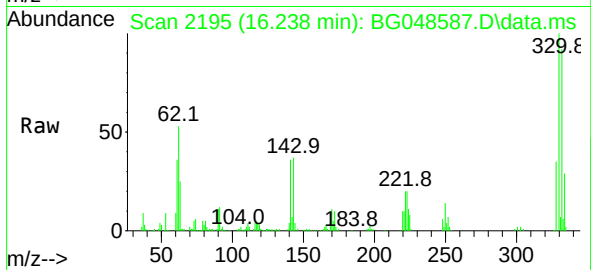
Tgt Ion:164 Resp: 73574
Ion Ratio Lower Upper
164 100
162 102.9 87.0 130.6
160 44.6 38.4 57.6



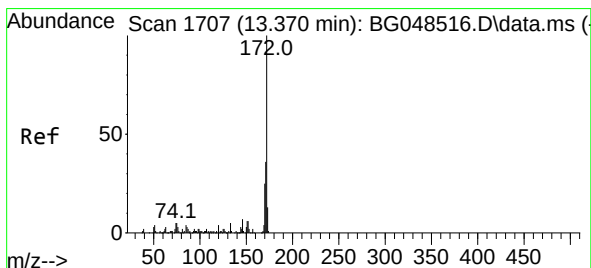
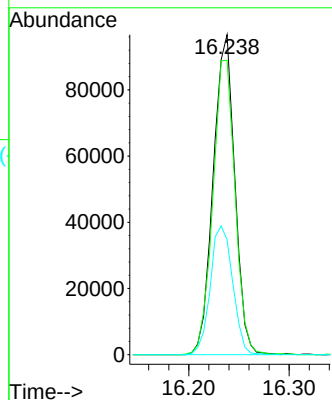
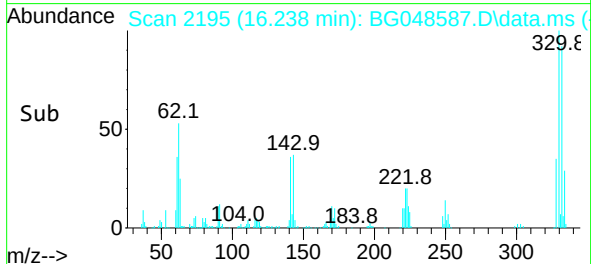


#42
2,4,6-Tribromophenol
Concen: 149.27 ng
RT: 16.238 min Scan# 2195
Delta R.T. -0.005 min
Lab File: BG048587.D
Acq: 5 Apr 2021 17:18

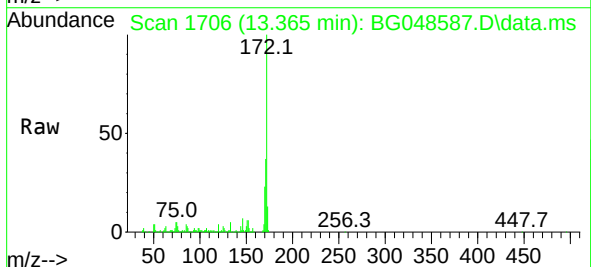
Instrument :
BNA_G
ClientSampleId :
SB-5(3.0-3.5)



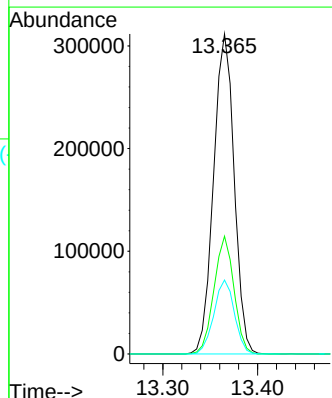
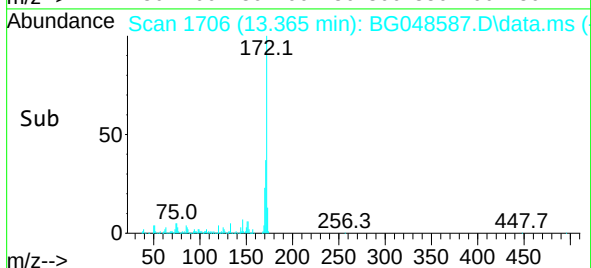
Tgt Ion:330 Resp: 144368
Ion Ratio Lower Upper
330 100
332 95.2 77.6 116.4
141 41.7 34.6 52.0

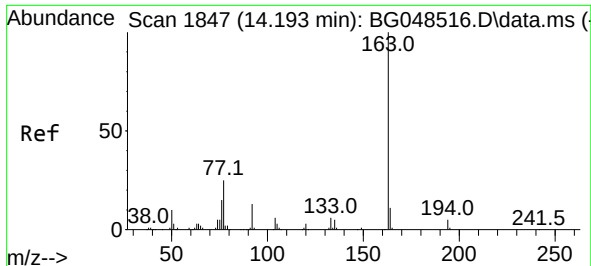


#45
2-Fluorobiphenyl
Concen: 94.98 ng
RT: 13.365 min Scan# 1706
Delta R.T. -0.005 min
Lab File: BG048587.D
Acq: 5 Apr 2021 17:18



Tgt Ion:172 Resp: 470173
Ion Ratio Lower Upper
172 100
171 36.8 28.5 42.7
170 23.1 19.8 29.6

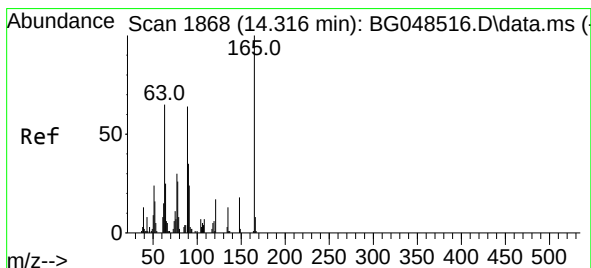
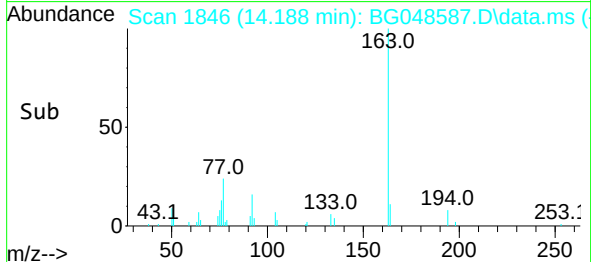
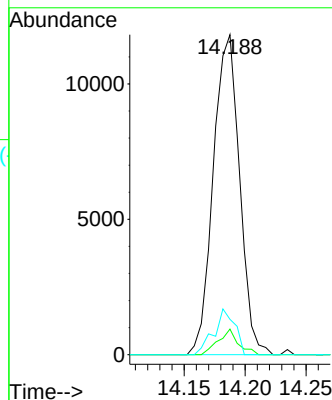
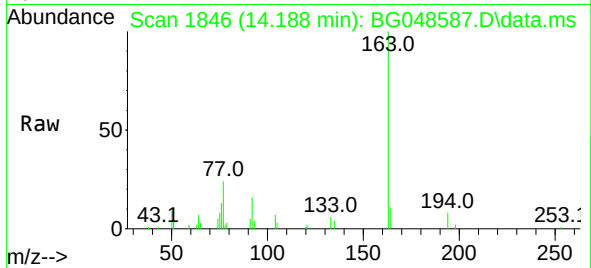




#50
Dimethylphthalate
Concen: 3.25 ng
RT: 14.188 min Scan# 1846
Delta R.T. -0.011 min
Lab File: BG048587.D
Acq: 5 Apr 2021 17:18

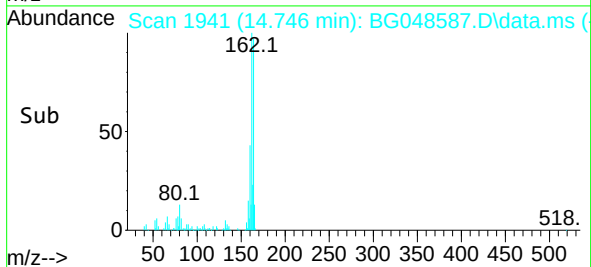
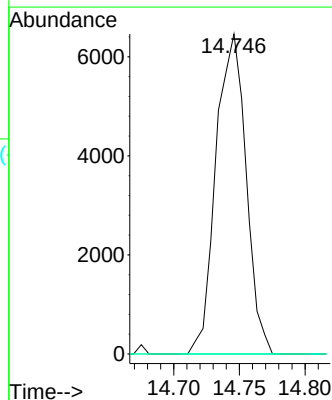
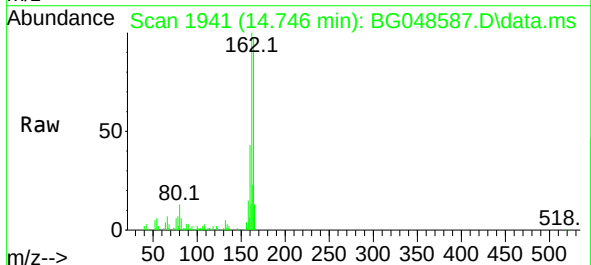
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SB-5(3.0-3.5)

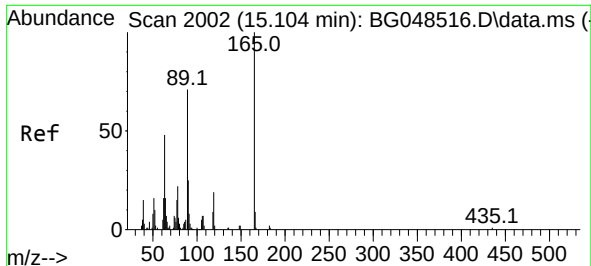
Tgt Ion:163 Resp: 17734
Ion Ratio Lower Upper
163 100
194 8.0 4.1 6.1#
164 11.0 8.6 12.8



#51
2,6-Dinitrotoluene
Concen: 8.25 ng
RT: 14.746 min Scan# 1941
Delta R.T. 0.430 min
Lab File: BG048587.D
Acq: 5 Apr 2021 17:18

Tgt Ion:165 Resp: 10306
Ion Ratio Lower Upper
165 100
63 0.0 53.8 80.6#
89 0.0 50.8 76.2#

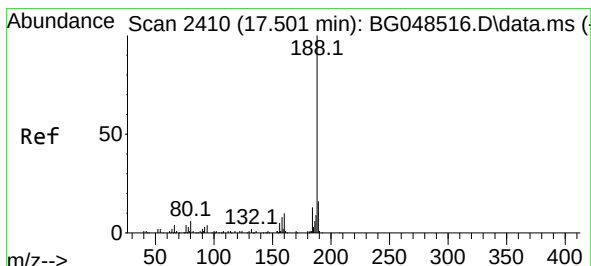
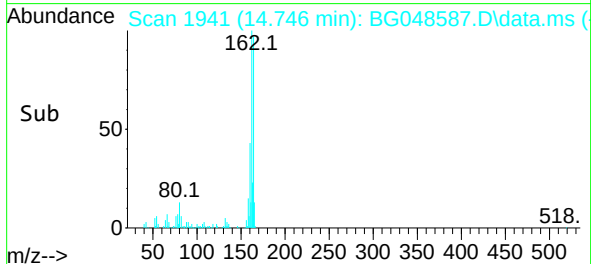
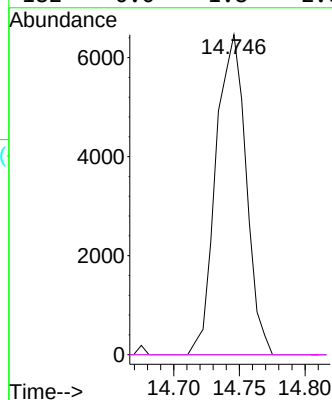
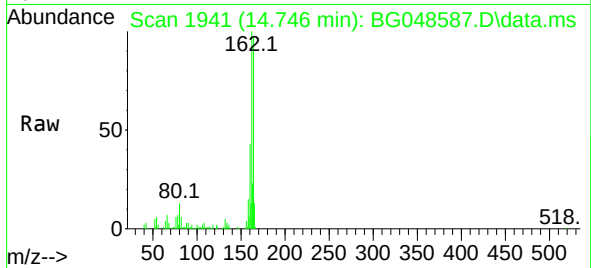




#57
2,4-Dinitrotoluene
Concen: 5.83 ng
RT: 14.746 min Scan# 1941
Delta R.T. -0.357 min
Lab File: BG048587.D
Acq: 5 Apr 2021 17:18

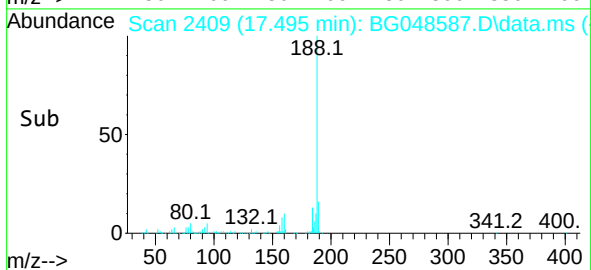
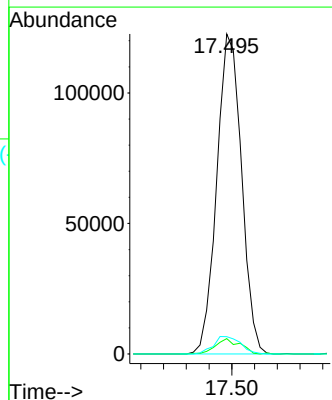
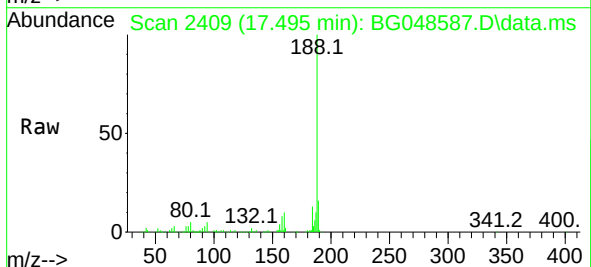
Instrument :
BNA_G
ClientSampled :
SB-5(3.0-3.5)

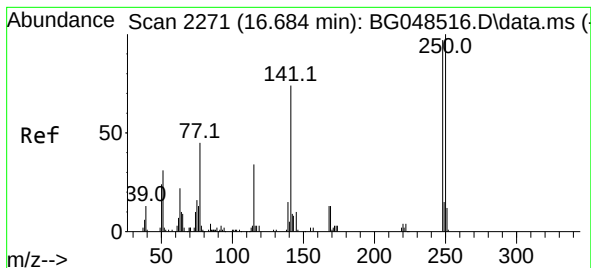
Tgt Ion:165 Resp: 10306
Ion Ratio Lower Upper
165 100
63 0.0 38.3 57.5#
89 0.0 56.5 84.7#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.495 min Scan# 2409
Delta R.T. -0.011 min
Lab File: BG048587.D
Acq: 5 Apr 2021 17:18

Tgt Ion:188 Resp: 185404
Ion Ratio Lower Upper
188 100
94 4.8 3.0 4.6#
80 5.4 4.5 6.7

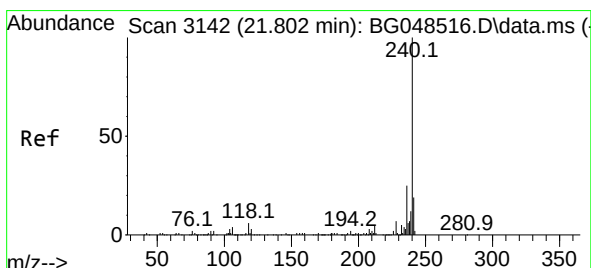
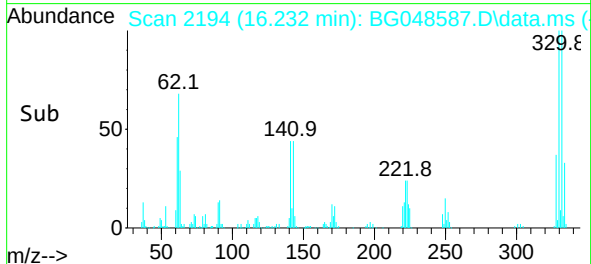
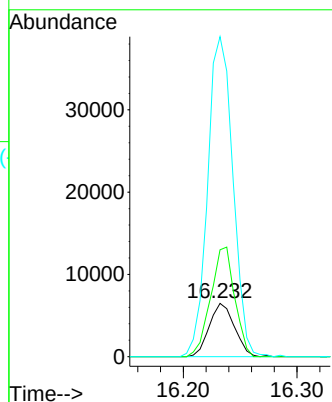
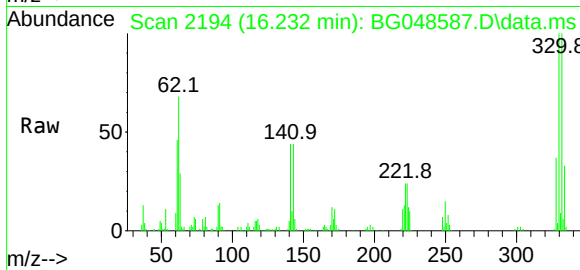




#67
4-Bromophenyl-phenylether
Concen: 4.87 ng
RT: 16.232 min Scan# 2194
Delta R.T. -0.457 min
Lab File: BG048587.D
Acq: 5 Apr 2021 17:18

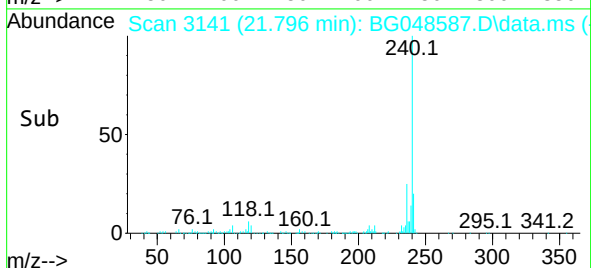
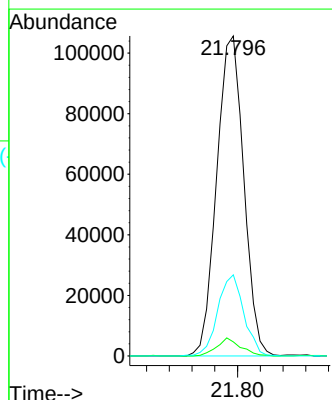
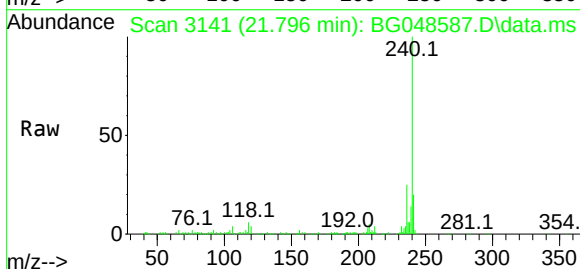
Instrument :
BNA_G
ClientSampled :
SB-5(3.0-3.5)

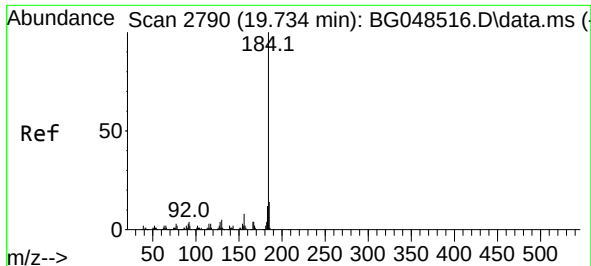
Tgt Ion:248 Resp: 10019
Ion Ratio Lower Upper
248 100
250 200.5 82.6 124.0#
141 600.4 61.0 91.6#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.796 min Scan# 3141
Delta R.T. -0.005 min
Lab File: BG048587.D
Acq: 5 Apr 2021 17:18

Tgt Ion:240 Resp: 174558
Ion Ratio Lower Upper
240 100
120 4.4 2.6 3.8#
236 25.3 19.8 29.6

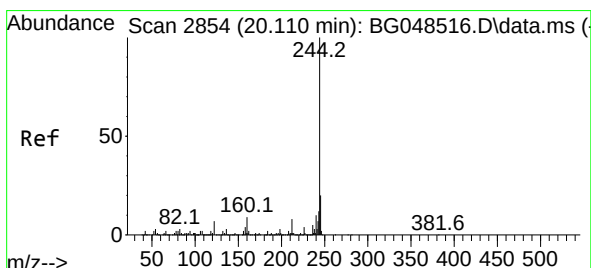
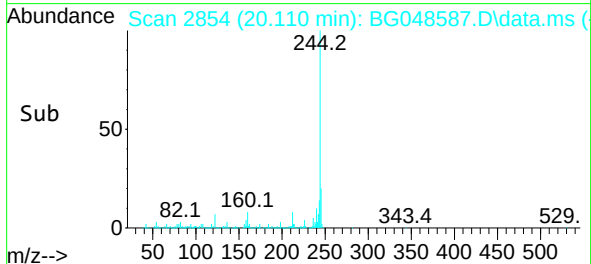
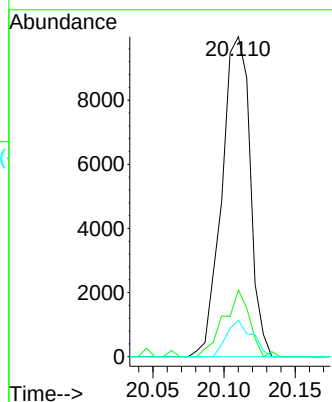
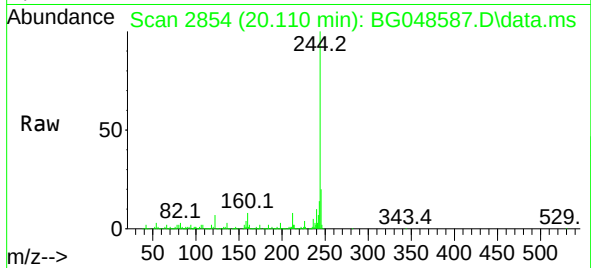




#77
Benzidine
Concen: 2.34 ng
RT: 20.110 min Scan# 2854
Delta R.T. 0.377 min
Lab File: BG048587.D
Acq: 5 Apr 2021 17:18

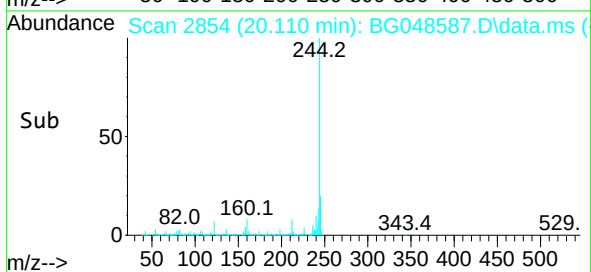
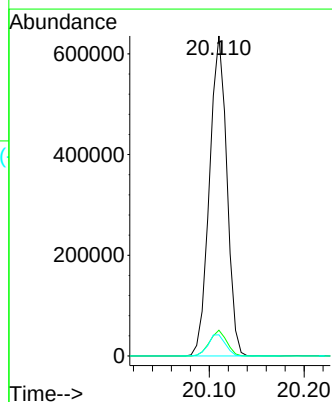
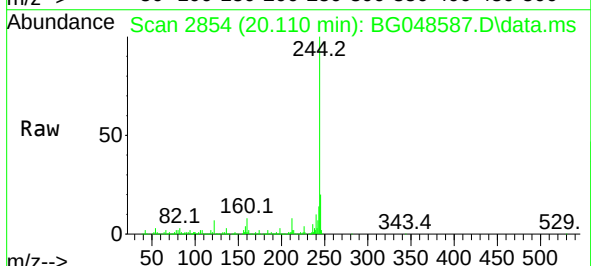
Instrument :
BNA_G
ClientSampleId :
SB-5(3.0-3.5)

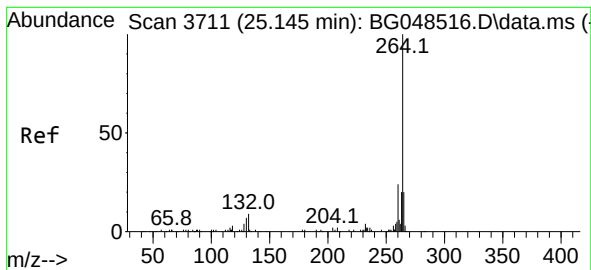
Tgt Ion:184 Resp: 13807
Ion Ratio Lower Upper
184 100
185 20.9 11.0 16.4#
183 11.3 9.2 13.8



#79
Terphenyl-d14
Concen: 84.47 ng
RT: 20.110 min Scan# 2854
Delta R.T. -0.005 min
Lab File: BG048587.D
Acq: 5 Apr 2021 17:18

Tgt Ion:244 Resp: 806305
Ion Ratio Lower Upper
244 100
212 8.1 6.0 9.0
122 6.6 5.8 8.6





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.139 min Scan# 3710
 Delta R.T. -0.011 min
 Lab File: BG048587.D
 Acq: 5 Apr 2021 17:18

Instrument :
 BNA_G
 ClientSampleId :
 SB-5(3.0-3.5)

Tgt Ion:264 Resp: 176371
 Ion Ratio Lower Upper
 264 100
 260 20.9 19.1 28.7
 265 20.6 16.1 24.1

