

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042721\
 Data File : BG048891.D
 Acq On : 27 Apr 2021 17:57
 Operator : CG/JU
 Sample : M2186-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B1A

Quant Time: Apr 27 18:43:30 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 27 16:50:19 2021
 Response via : Initial Calibration

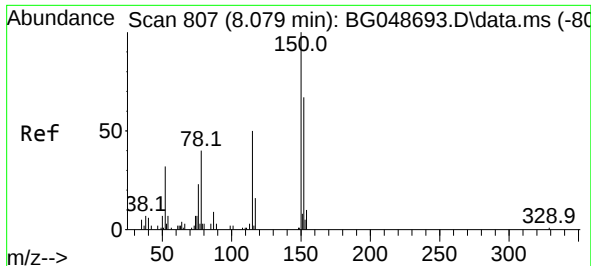
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.020	152	21721	20.00	ng	0.00
21) Naphthalene-d8	10.841	136	89064	20.00	ng	0.00
39) Acenaphthene-d10	14.666	164	59942	20.00	ng	0.00
64) Phenanthrene-d10	17.415	188	142932	20.00	ng	# 0.00
76) Chrysene-d12	21.693	240	130025	20.00	ng	0.00
86) Perylene-d12	24.948	264	135403	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.576	112	134428	103.51	ng	0.00
7) Phenol-d6	7.192	99	173877	94.65	ng	0.00
23) Nitrobenzene-d5	9.195	82	128241	64.46	ng	0.00
42) 2,4,6-Tribromophenol	16.158	330	73485	91.43	ng	0.00
45) 2-Fluorobiphenyl	13.285	172	284060	68.44	ng	0.00
79) Terphenyl-d14	20.024	244	460932	61.01	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.190	70	21309	17.19	ng	# 69
41) Hexachlorocyclopentadiene	12.921	237	77	5.93	ng	# 31
50) Dimethylphthalate	14.107	163	9169	2.04	ng	96
51) 2,6-Dinitrotoluene	14.671	165	8338	8.04	ng	# 12
54) 2,4-Dinitrophenol	14.765	184	92	5.42	ng	# 8
57) 2,4-Dinitrotoluene	14.671	165	8338	5.54	ng	# 17
67) 4-Bromophenyl-phenylether	16.158	248	5513	3.35	ng	# 1
74) Di-n-butylphthalate	18.091	149	1586173	201.23	ng	# 88
77) Benzidine	20.024	184	9136	2.59	ng	98
84) Bis(2-ethylhexyl)phtha...	21.405	149	52004	10.56	ng	# 53

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

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 27 16:50:19 2021
Response via : Initial Calibration

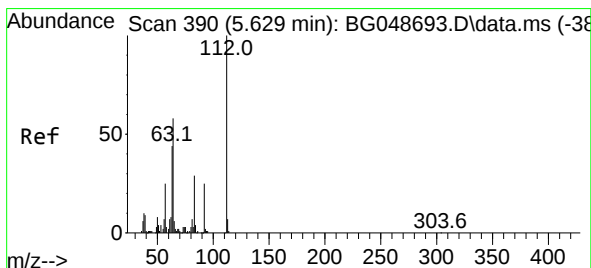
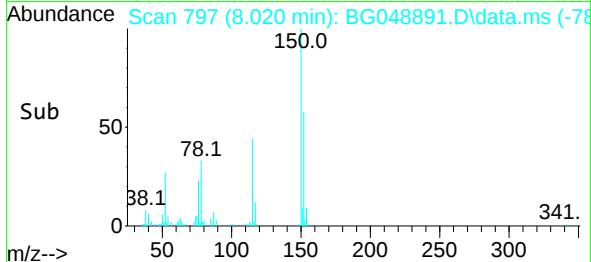
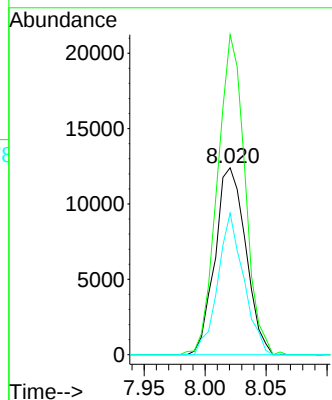
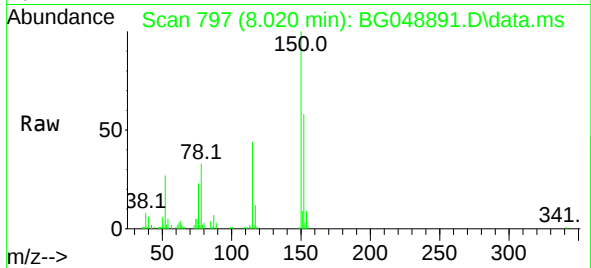




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.020 min Scan# 797
Delta R.T. -0.002 min
Lab File: BG048891.D
Acq: 27 Apr 2021 17:57

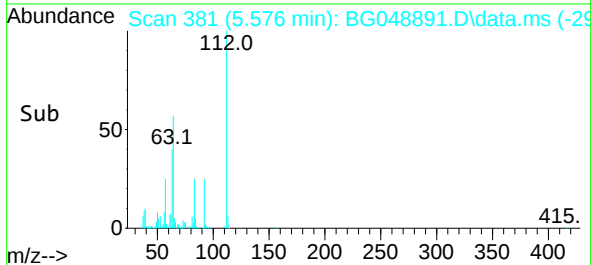
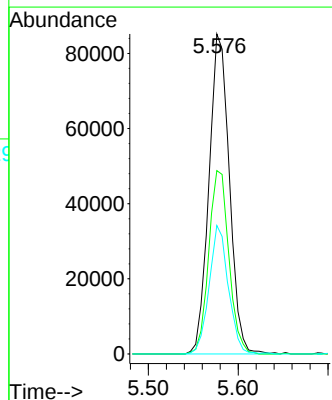
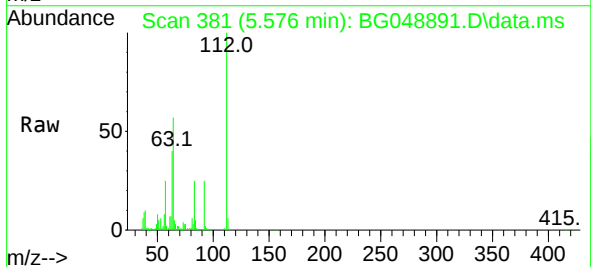
Instrument :
BNA_G
ClientSampleId :
B1A

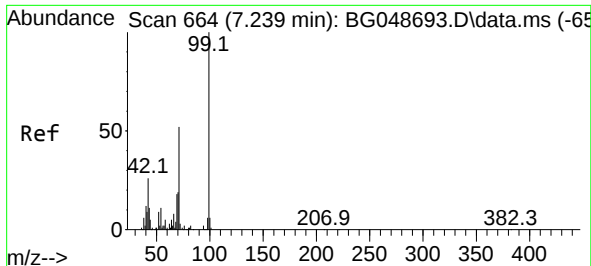
Tgt Ion:152 Resp: 21721
Ion Ratio Lower Upper
152 100
150 171.3 119.4 179.0
115 75.8 60.2 90.4



#5
2-Fluorophenol
Concen: 103.51 ng
RT: 5.576 min Scan# 381
Delta R.T. -0.002 min
Lab File: BG048891.D
Acq: 27 Apr 2021 17:57

Tgt Ion:112 Resp: 134428
Ion Ratio Lower Upper
112 100
64 57.3 46.7 70.1
63 40.1 35.3 52.9

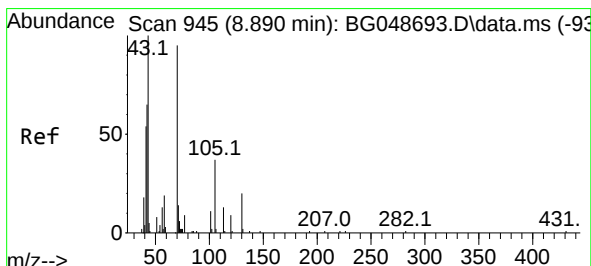
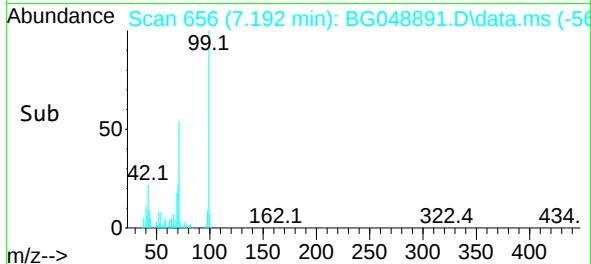
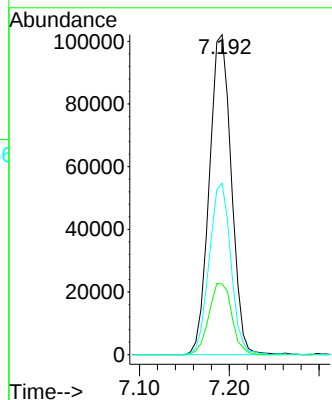
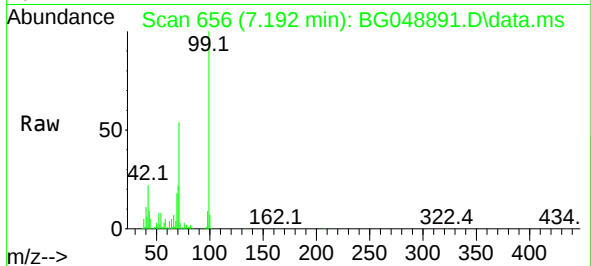




#7
Phenol-d6
Concen: 94.65 ng
RT: 7.192 min Scan# 656
Delta R.T. -0.002 min
Lab File: BG048891.D
Acq: 27 Apr 2021 17:57

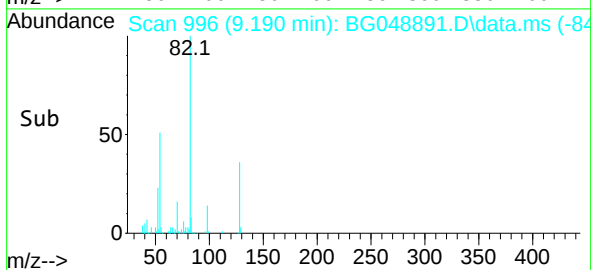
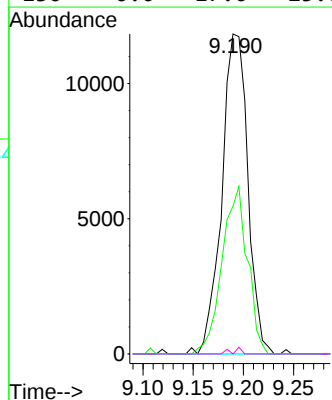
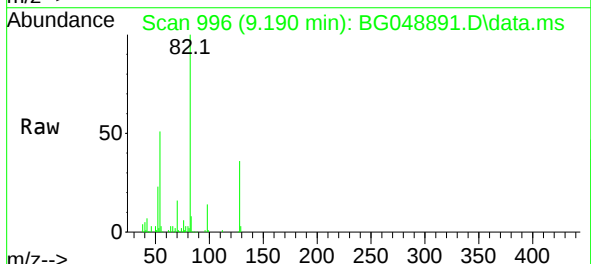
Instrument :
BNA_G
ClientSampleId :
B1A

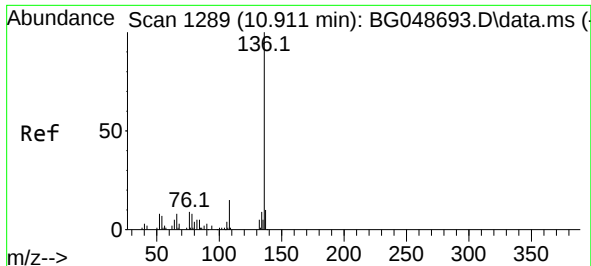
Tgt Ion: 99 Resp: 173877
Ion Ratio Lower Upper
99 100
42 22.1 20.5 30.7
71 53.5 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 17.19 ng
RT: 9.190 min Scan# 996
Delta R.T. 0.357 min
Lab File: BG048891.D
Acq: 27 Apr 2021 17:57

Tgt Ion: 70 Resp: 21309
Ion Ratio Lower Upper
70 100
42 46.2 54.5 81.7#
101 0.0 9.0 13.6#
130 0.0 17.0 25.6#

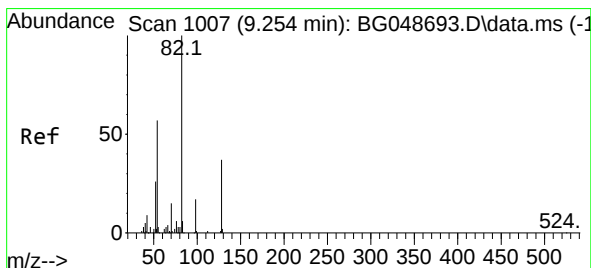
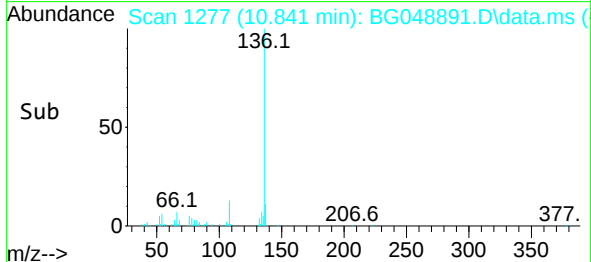
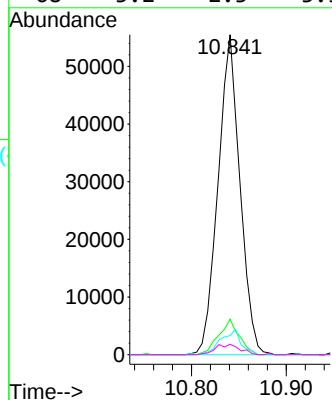
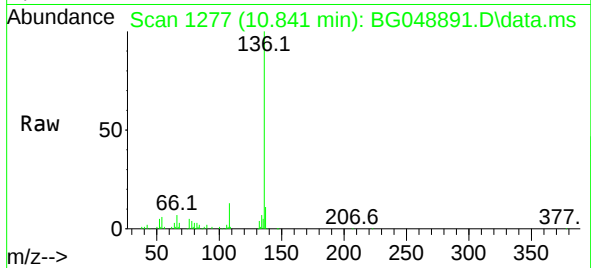




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.841 min Scan# 1277
Delta R.T. -0.002 min
Lab File: BG048891.D
Acq: 27 Apr 2021 17:57

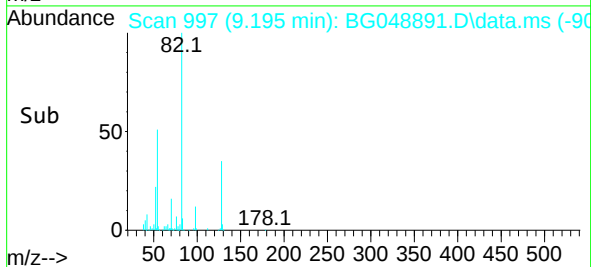
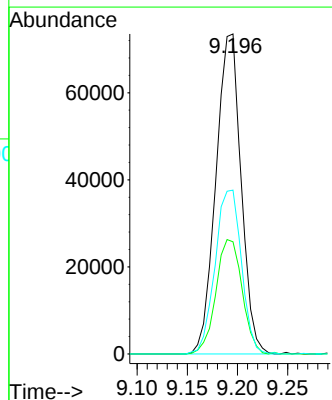
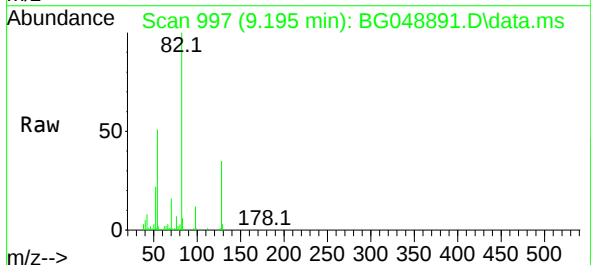
Instrument :
BNA_G
ClientSampleId :
B1A

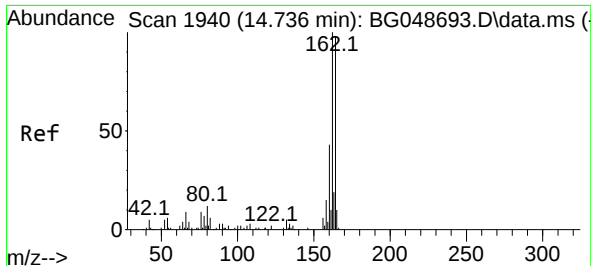
Tgt Ion:	136	Resp:	89064
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.2	12.2
54	6.0	5.5	8.3
68	3.2	2.3	3.5



#23
Nitrobenzene-d5
Concen: 64.46 ng
RT: 9.195 min Scan# 997
Delta R.T. 0.004 min
Lab File: BG048891.D
Acq: 27 Apr 2021 17:57

Tgt Ion:	82	Resp:	128241
Ion Ratio	Lower	Upper	
82	100		
128	35.1	29.8	44.6
54	51.2	45.8	68.8

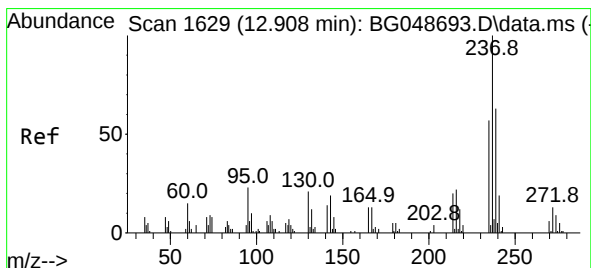
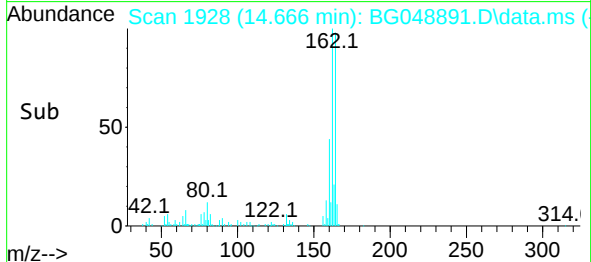
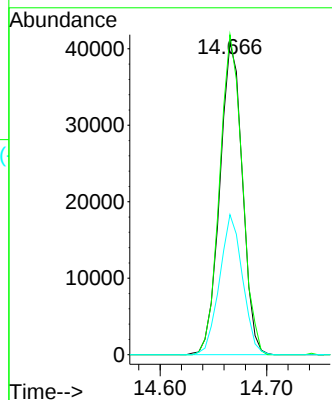
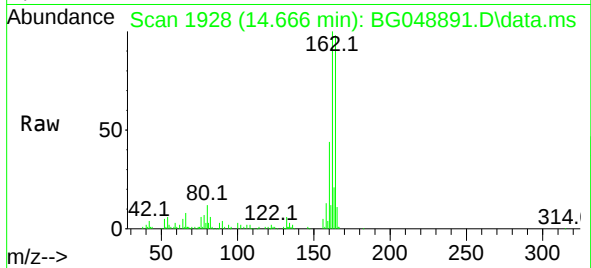




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.666 min Scan# 1928
Delta R.T. -0.002 min
Lab File: BG048891.D
Acq: 27 Apr 2021 17:57

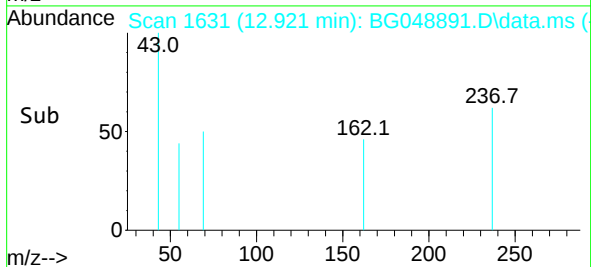
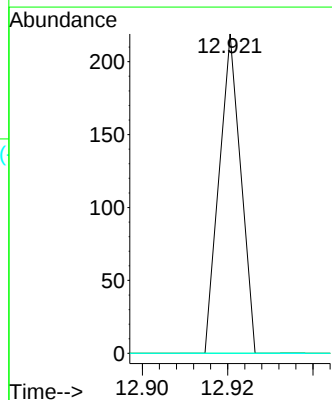
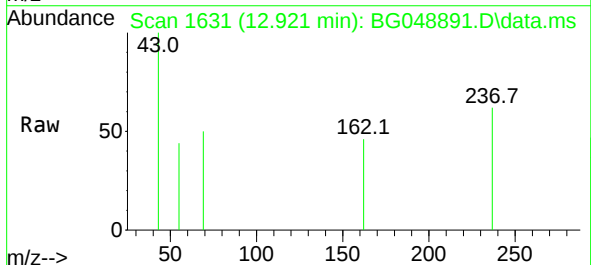
Instrument :
BNA_G
ClientSampleId :
B1A

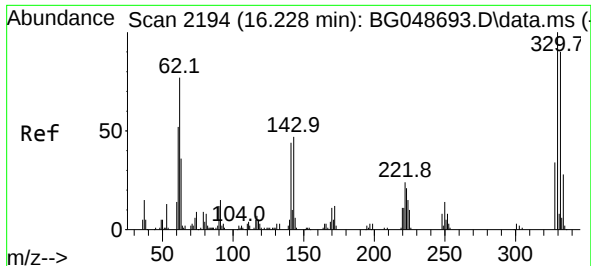
Tgt Ion:164 Resp: 59942
Ion Ratio Lower Upper
164 100
162 102.3 81.4 122.0
160 44.8 34.9 52.3



#41
Hexachlorocyclopentadiene
Concen: 5.93 ng
RT: 12.921 min Scan# 1631
Delta R.T. 0.081 min
Lab File: BG048891.D
Acq: 27 Apr 2021 17:57

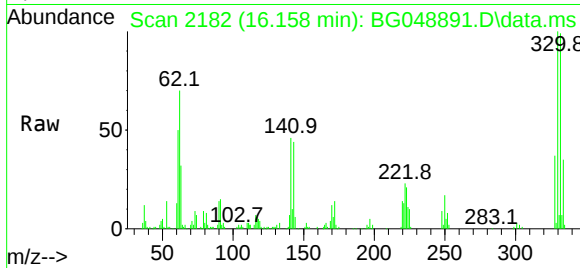
Tgt Ion:237 Resp: 77
Ion Ratio Lower Upper
237 100
235 0.0 36.6 76.6#
272 0.0 0.0 32.5



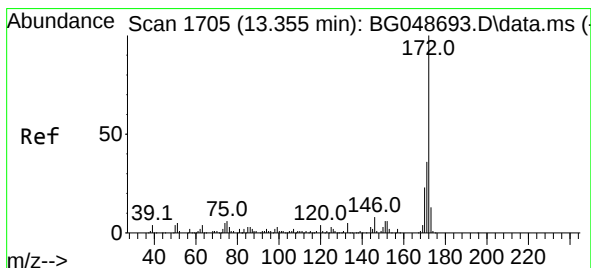
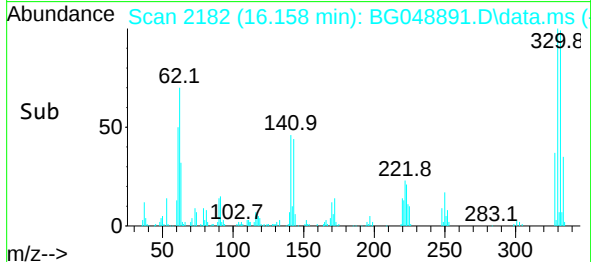
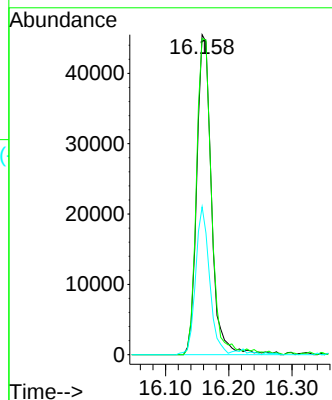


#42
2,4,6-Tribromophenol
Concen: 91.43 ng
RT: 16.158 min Scan# 2182
Delta R.T. -0.007 min
Lab File: BG048891.D
Acq: 27 Apr 2021 17:57

Instrument :
BNA_G
ClientSampleId :
B1A

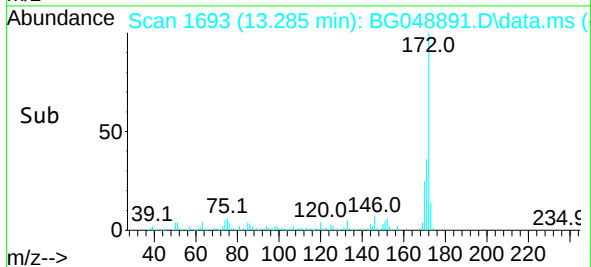
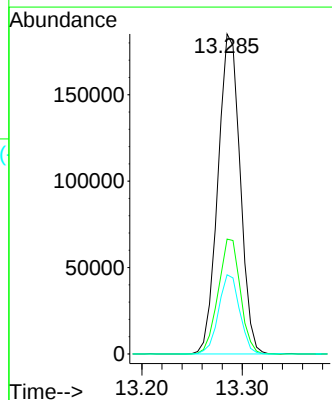
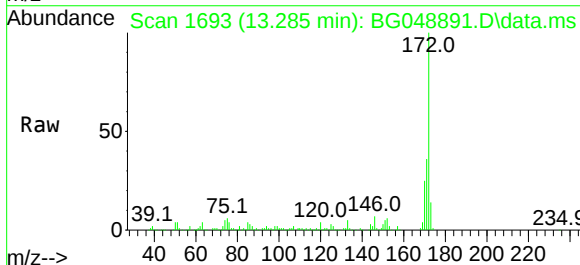


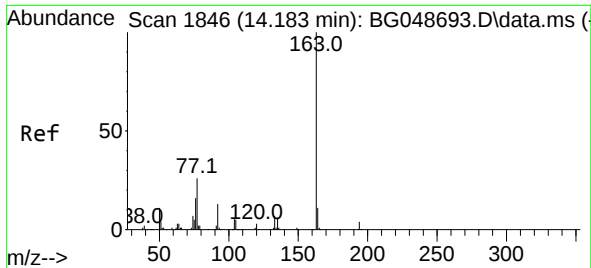
Tgt Ion:330 Resp: 73485
Ion Ratio Lower Upper
330 100
332 99.8 77.3 115.9
141 43.5 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 68.44 ng
RT: 13.285 min Scan# 1693
Delta R.T. -0.002 min
Lab File: BG048891.D
Acq: 27 Apr 2021 17:57

Tgt Ion:172 Resp: 284060
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 24.8 18.6 27.8

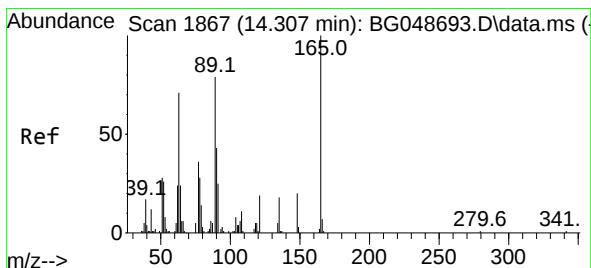
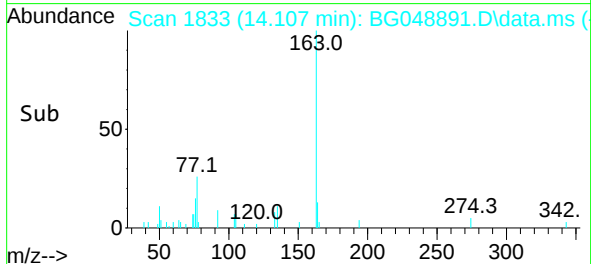
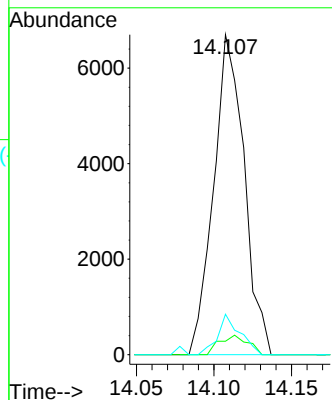
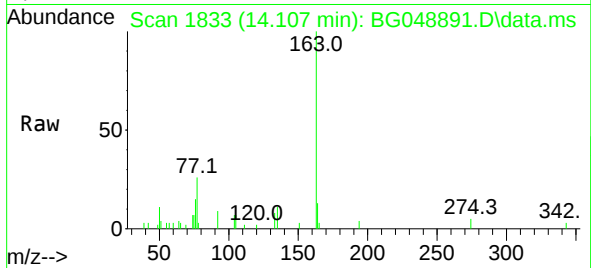




#50
Dimethylphthalate
Concen: 2.04 ng
RT: 14.107 min Scan# 1833
Delta R.T. -0.013 min
Lab File: BG048891.D
Acq: 27 Apr 2021 17:57

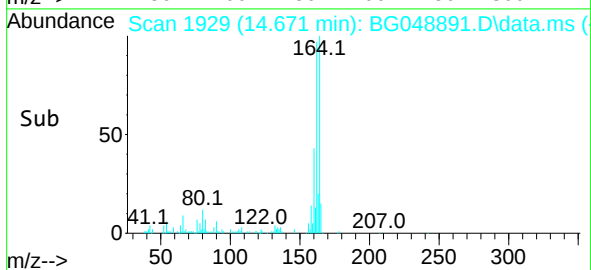
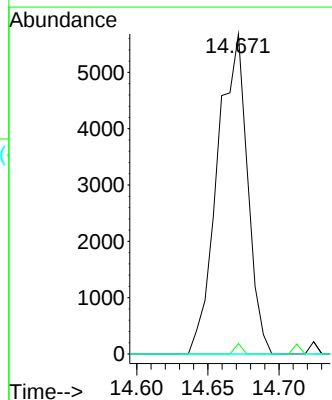
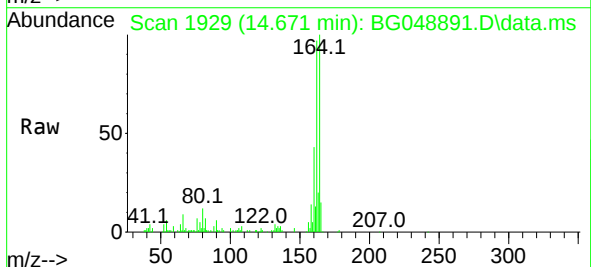
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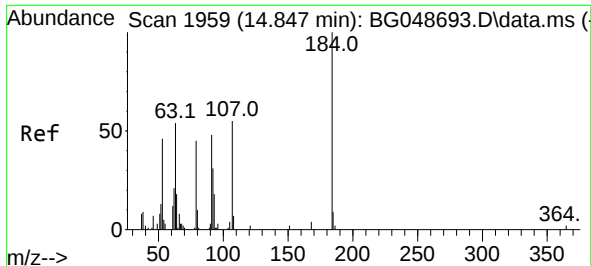
Tgt Ion:163 Resp: 9169
Ion Ratio Lower Upper
163 100
194 4.2 3.0 4.6
164 12.7 8.6 12.8



#51
2,6-Dinitrotoluene
Concen: 8.04 ng
RT: 14.671 min Scan# 1929
Delta R.T. 0.427 min
Lab File: BG048891.D
Acq: 27 Apr 2021 17:57

Tgt Ion:165 Resp: 8338
Ion Ratio Lower Upper
165 100
63 3.3 63.3 94.9#
89 0.0 63.4 95.0#

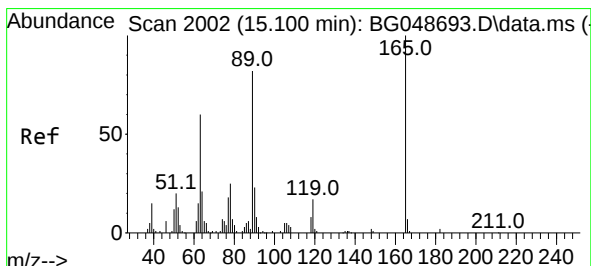
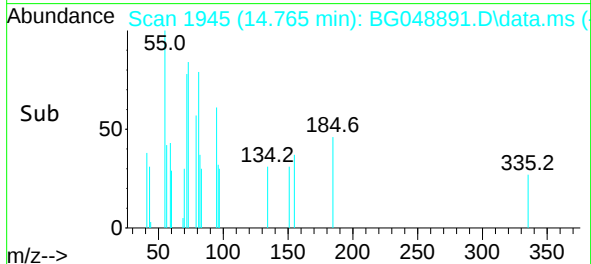
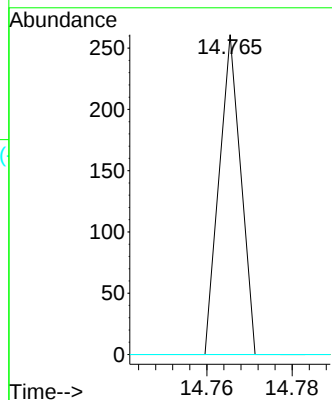
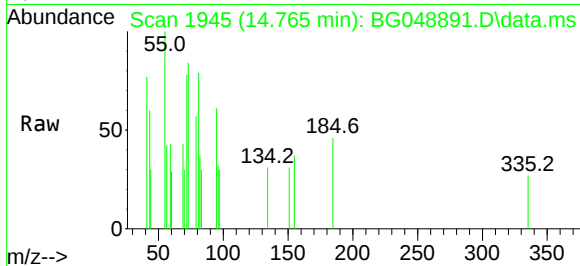




#54
2,4-Dinitrophenol
Concen: 5.42 ng
RT: 14.765 min Scan# 1945
Delta R.T. -0.025 min
Lab File: BG048891.D
Acq: 27 Apr 2021 17:57

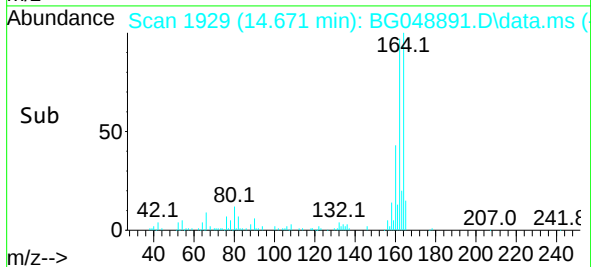
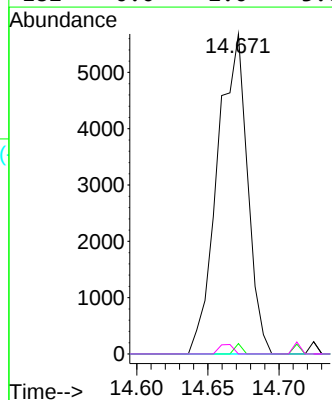
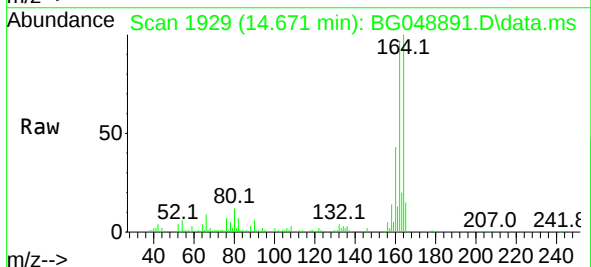
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BNA_G
ClientSampleId :
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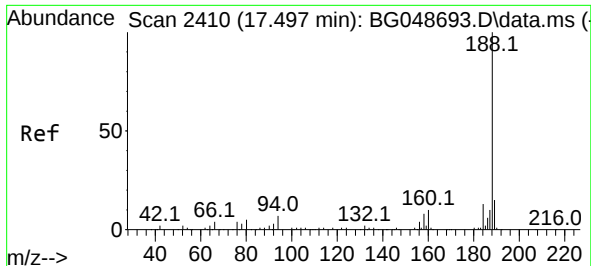
Tgt Ion:184 Resp: 92
Ion Ratio Lower Upper
184 100
63 0.0 68.3 102.5#
154 0.0 62.6 93.8#



#57
2,4-Dinitrotoluene
Concen: 5.54 ng
RT: 14.671 min Scan# 1929
Delta R.T. -0.366 min
Lab File: BG048891.D
Acq: 27 Apr 2021 17:57

Tgt Ion:165 Resp: 8338
Ion Ratio Lower Upper
165 100
63 3.3 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#

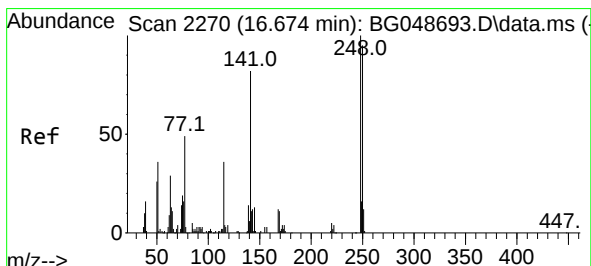
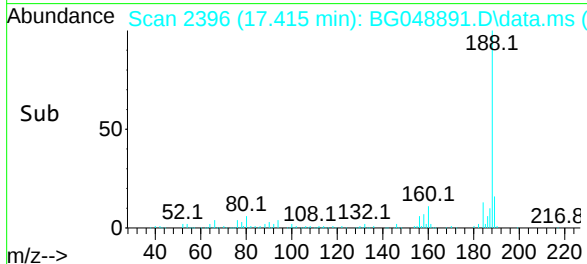
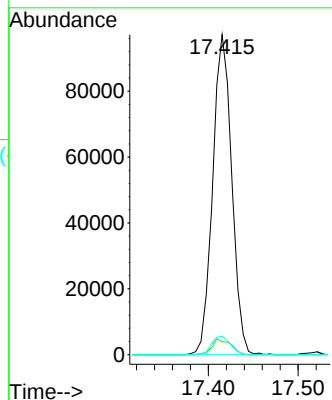
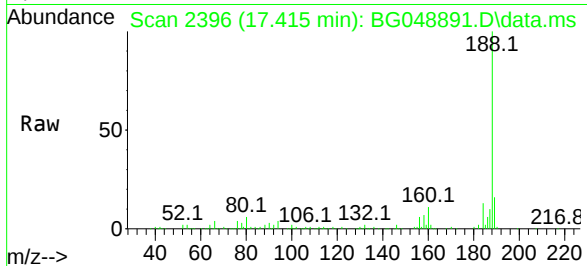




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.415 min Scan# 2396
Delta R.T. -0.002 min
Lab File: BG048891.D
Acq: 27 Apr 2021 17:57

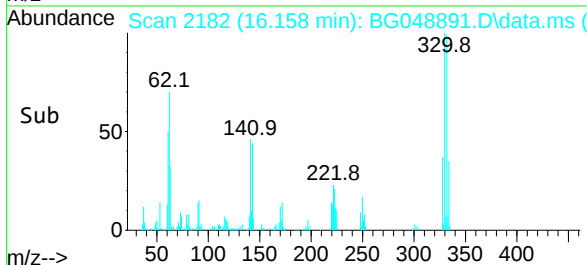
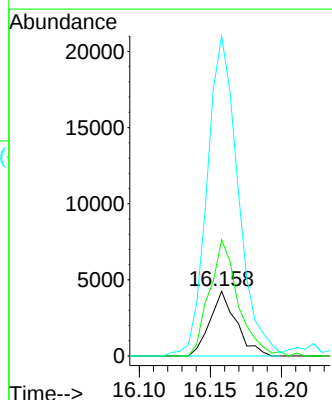
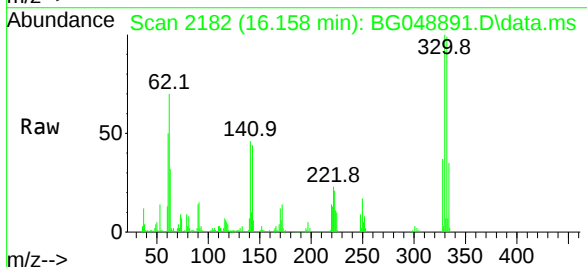
Instrument :
BNA_G
ClientSampled :
B1A

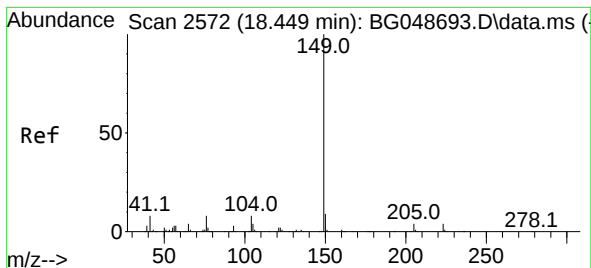
Tgt Ion:188 Resp: 142932
Ion Ratio Lower Upper
188 100
94 4.0 5.4 8.0#
80 5.8 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 3.35 ng
RT: 16.158 min Scan# 2182
Delta R.T. -0.442 min
Lab File: BG048891.D
Acq: 27 Apr 2021 17:57

Tgt Ion:248 Resp: 5513
Ion Ratio Lower Upper
248 100
250 179.6 76.1 114.1#
141 494.5 65.4 98.2#

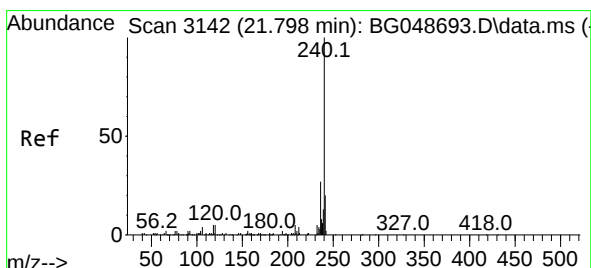
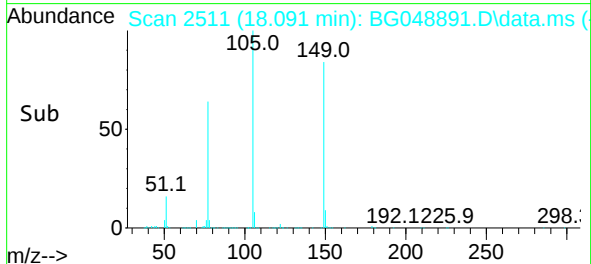
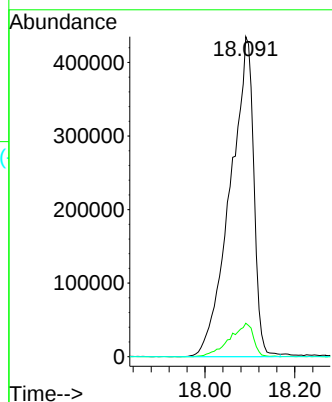
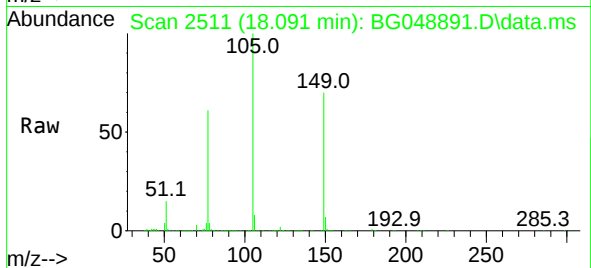




#74
Di-n-butylphthalate
Concen: 201.23 ng
RT: 18.091 min Scan# 2511
Delta R.T. -0.278 min
Lab File: BG048891.D
Acq: 27 Apr 2021 17:57

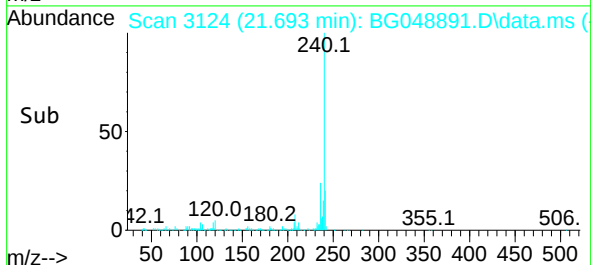
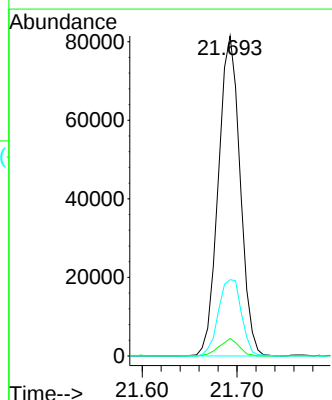
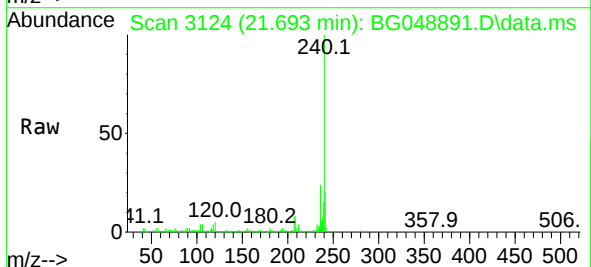
Instrument :
BNA_G
ClientSampled :
B1A

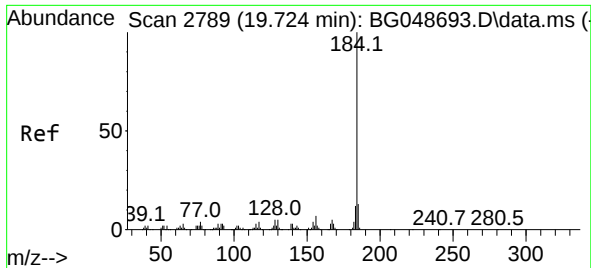
Tgt Ion:149 Resp: 1586173
Ion Ratio Lower Upper
149 100
150 10.5 7.5 11.3
104 0.0 6.6 10.0#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.693 min Scan# 3124
Delta R.T. -0.007 min
Lab File: BG048891.D
Acq: 27 Apr 2021 17:57

Tgt Ion:240 Resp: 130025
Ion Ratio Lower Upper
240 100
120 5.4 4.2 6.2
236 23.8 21.8 32.6

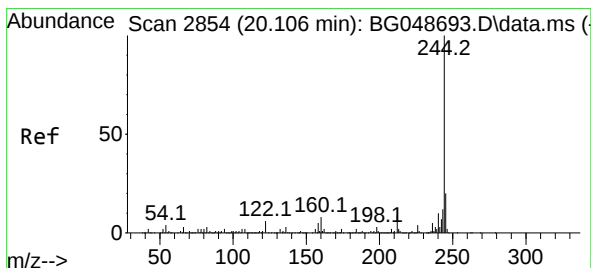
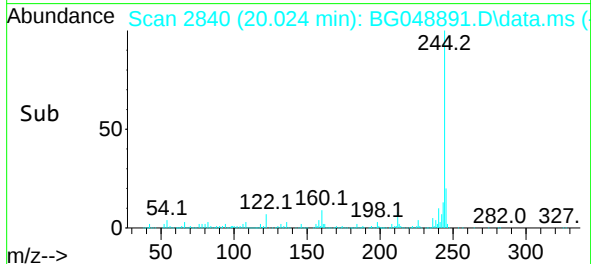
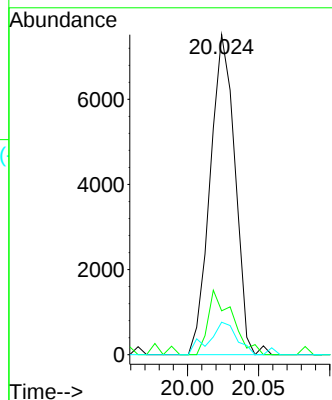
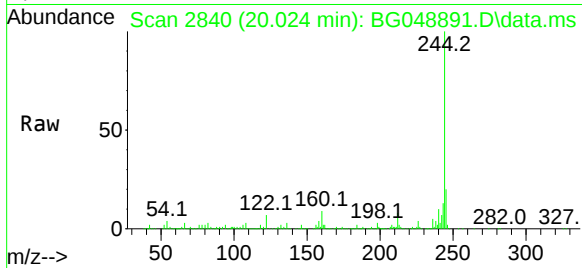




#77
Benzidine
Concen: 2.59 ng
RT: 20.024 min Scan# 2840
Delta R.T. 0.375 min
Lab File: BG048891.D
Acq: 27 Apr 2021 17:57

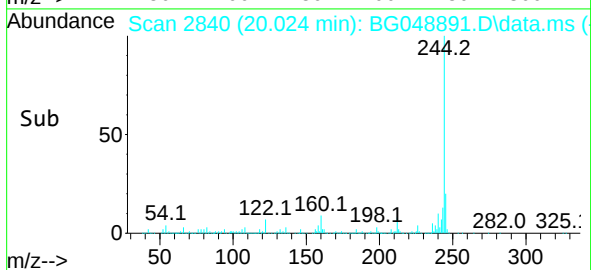
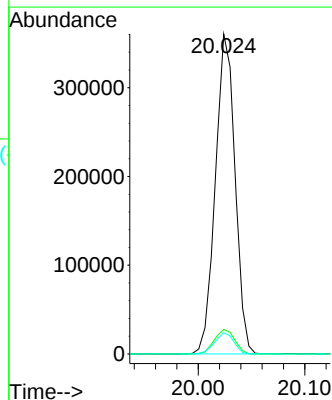
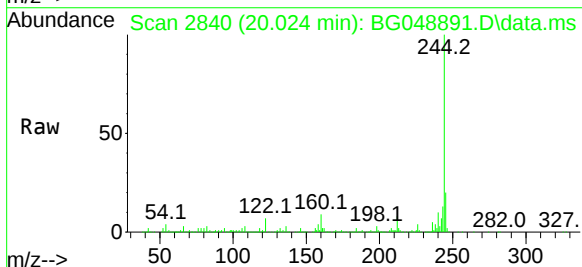
Instrument :
BNA_G
ClientSampleId :
B1A

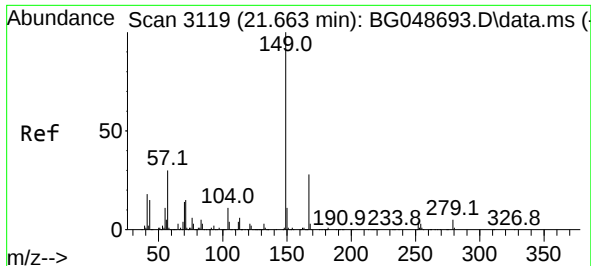
Tgt Ion:184	Resp:	9136
Ion Ratio	Lower	Upper
184	100	
185	13.7	10.7 16.1
183	10.1	9.4 14.0



#79
Terphenyl-d14
Concen: 61.01 ng
RT: 20.024 min Scan# 2840
Delta R.T. -0.002 min
Lab File: BG048891.D
Acq: 27 Apr 2021 17:57

Tgt Ion:244	Resp:	460932
Ion Ratio	Lower	Upper
244	100	
212	7.7	6.9 10.3
122	6.7	5.0 7.6

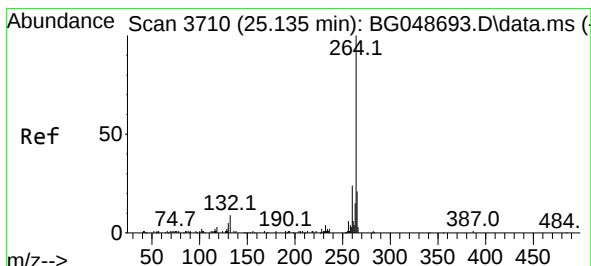
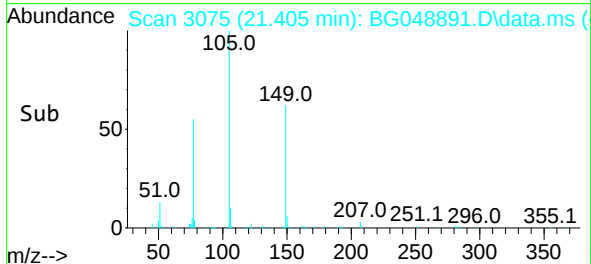
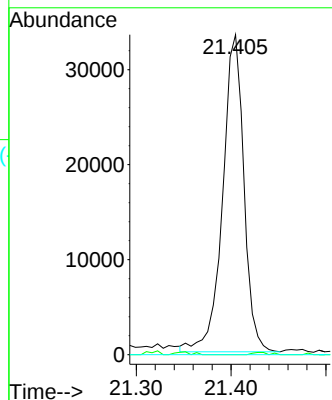
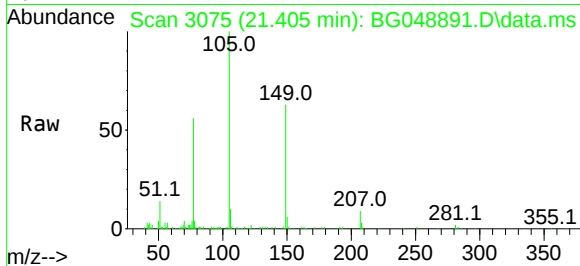




#84
Bis(2-ethylhexyl)phthalate
Concen: 10.56 ng
RT: 21.405 min Scan# 3075
Delta R.T. -0.160 min
Lab File: BG048891.D
Acq: 27 Apr 2021 17:57

Instrument :
BNA_G
ClientSampled :
B1A

Tgt Ion:149 Resp: 52004
Ion Ratio Lower Upper
149 100
167 0.0 22.3 33.5#
279 0.0 3.8 5.8#



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.948 min Scan# 3678
Delta R.T. -0.007 min
Lab File: BG048891.D
Acq: 27 Apr 2021 17:57

Tgt Ion:264 Resp: 135403
Ion Ratio Lower Upper
264 100
260 22.5 19.4 29.2
265 21.3 16.9 25.3

