

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042721\
 Data File : BG048894.D
 Acq On : 27 Apr 2021 19:59
 Operator : CG/JU
 Sample : M2186-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B4A

Quant Time: Apr 28 01:47:54 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)

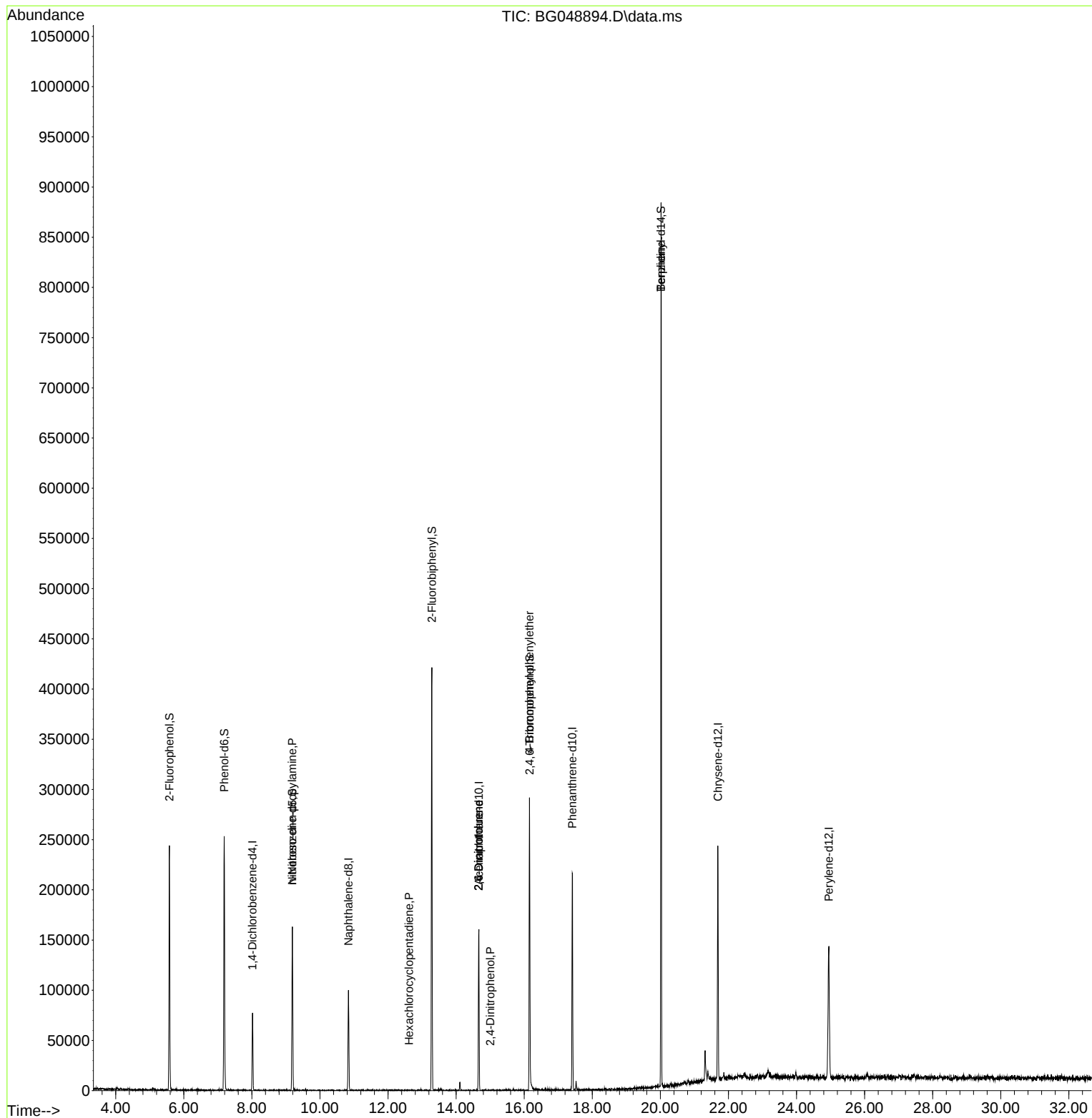
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.017	152	19963	20.00	ng	# 0.00
21) Naphthalene-d8	10.837	136	79221	20.00	ng	# 0.00
39) Acenaphthene-d10	14.668	164	56561	20.00	ng	0.00
64) Phenanthrene-d10	17.412	188	136086	20.00	ng	# 0.00
76) Chrysene-d12	21.689	240	132968	20.00	ng	-0.01
86) Perylene-d12	24.950	264	133686	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.579	112	97375	81.58	ng	0.00
7) Phenol-d6	7.189	99	119928	71.03	ng	0.00
23) Nitrobenzene-d5	9.186	82	94366	53.33	ng	0.00
42) 2,4,6-Tribromophenol	16.160	330	51506	67.92	ng	0.00
45) 2-Fluorobiphenyl	13.287	172	206414	52.70	ng	0.00
79) Terphenyl-d14	20.021	244	378655	49.01	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.186	70	13748	12.07	ng	# 67
41) Hexachlorocyclopentadiene	12.618	237	53	5.91	ng	# 31
51) 2,6-Dinitrotoluene	14.662	165	6983	7.13	ng	# 12
54) 2,4-Dinitrophenol	15.003	184	80	5.41	ng	# 8
57) 2,4-Dinitrotoluene	14.662	165	6983	4.91	ng	# 17
67) 4-Bromophenyl-phenylether	16.155	248	4210	2.69	ng	# 1
77) Benzidine	20.021	184	7871	2.18	ng	# 83

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 27 16:50:19 2021
Response via : Initial Calibration

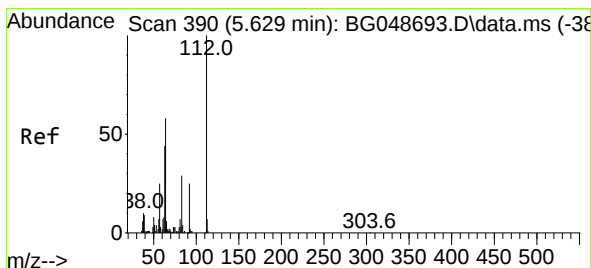
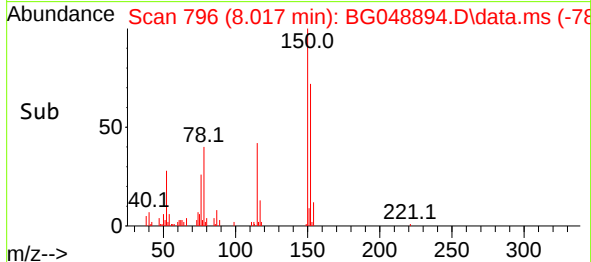
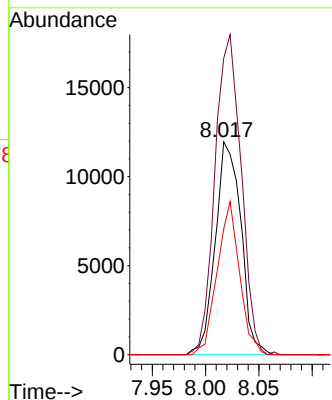
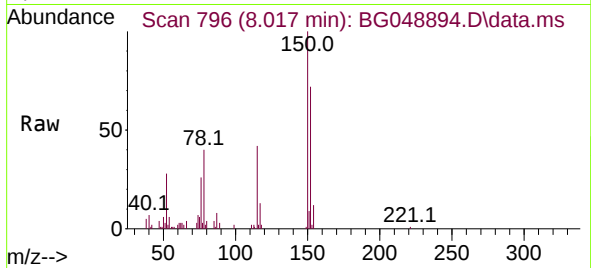




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.017 min Scan# 796
Delta R.T. -0.005 min
Lab File: BG048894.D
Acq: 27 Apr 2021 19:59

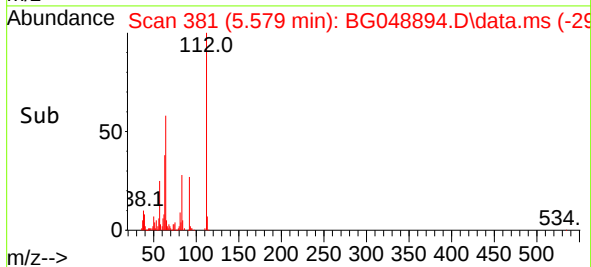
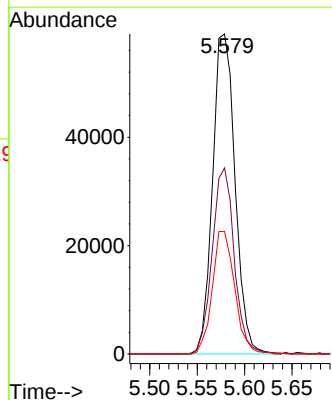
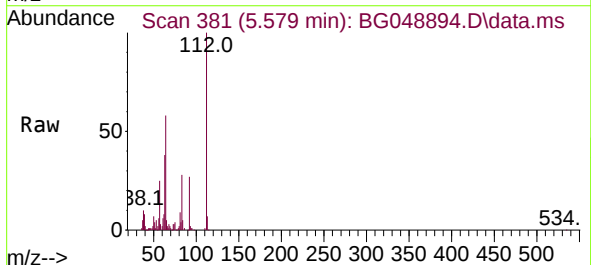
Instrument :
BNA_G
ClientSampled :
B4A

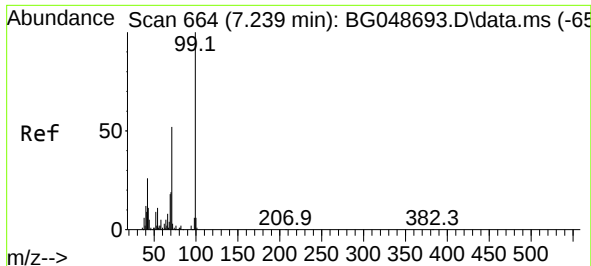
Tgt Ion:152 Resp: 19963
Ion Ratio Lower Upper
152 100
150 139.3 119.4 179.0
115 59.1 60.2 90.4#



#5
2-Fluorophenol
Concen: 81.58 ng
RT: 5.579 min Scan# 381
Delta R.T. 0.001 min
Lab File: BG048894.D
Acq: 27 Apr 2021 19:59

Tgt Ion:112 Resp: 97375
Ion Ratio Lower Upper
112 100
64 58.1 46.7 70.1
63 38.3 35.3 52.9

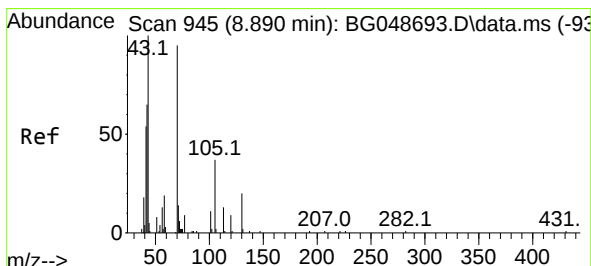
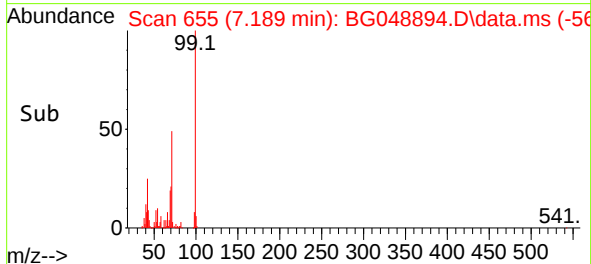
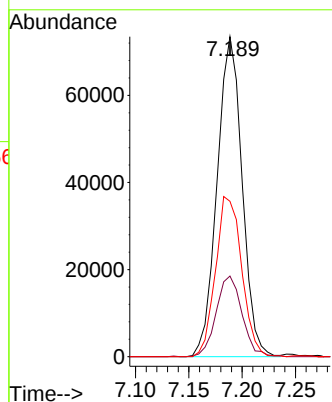
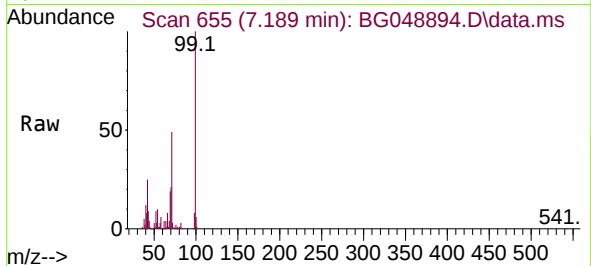




#7
Phenol-d6
Concen: 71.03 ng
RT: 7.189 min Scan# 655
Delta R.T. -0.005 min
Lab File: BG048894.D
Acq: 27 Apr 2021 19:59

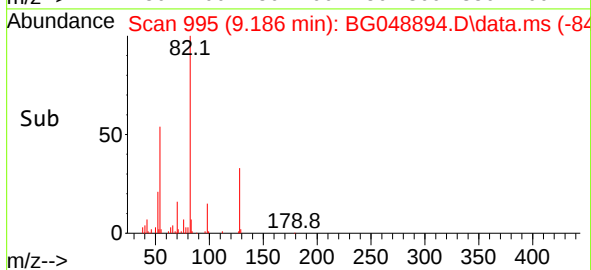
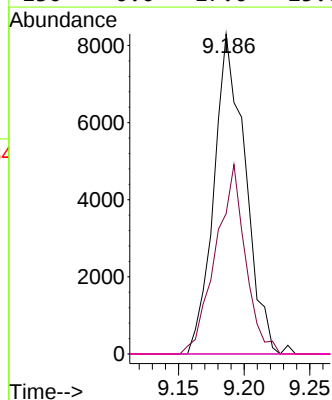
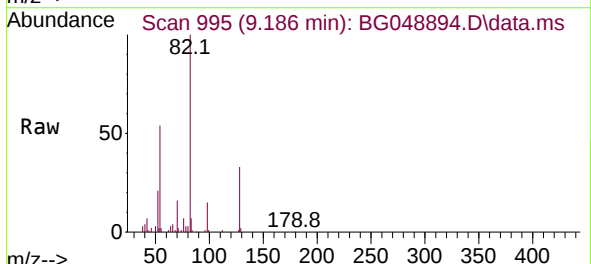
Instrument :
BNA_G
ClientSampleId :
B4A

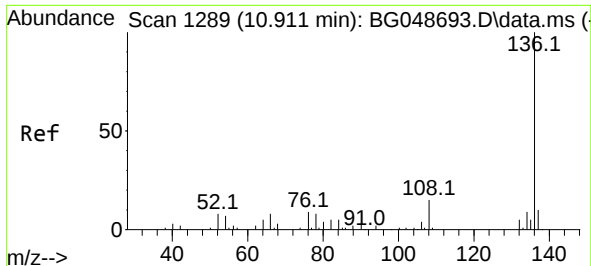
Tgt Ion: 99 Resp: 119928
Ion Ratio Lower Upper
99 100
42 25.2 20.5 30.7
71 48.5 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 12.07 ng
RT: 9.186 min Scan# 995
Delta R.T. 0.354 min
Lab File: BG048894.D
Acq: 27 Apr 2021 19:59

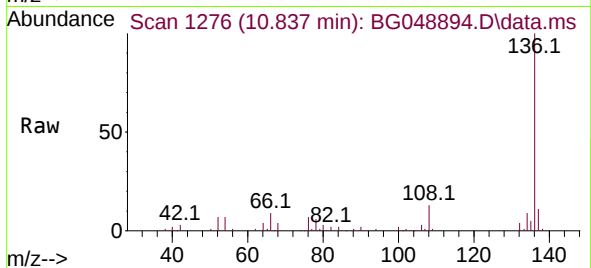
Tgt Ion: 70 Resp: 13748
Ion Ratio Lower Upper
70 100
42 43.8 54.5 81.7#
101 0.0 9.0 13.6#
130 0.0 17.0 25.6#



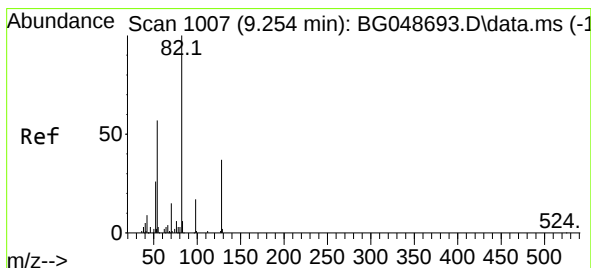
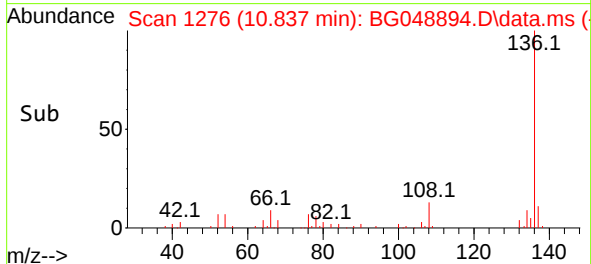
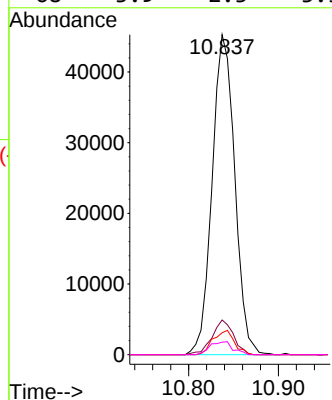


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.837 min Scan# 1276
Delta R.T. -0.005 min
Lab File: BG048894.D
Acq: 27 Apr 2021 19:59

Instrument :
BNA_G
ClientSampled :
B4A

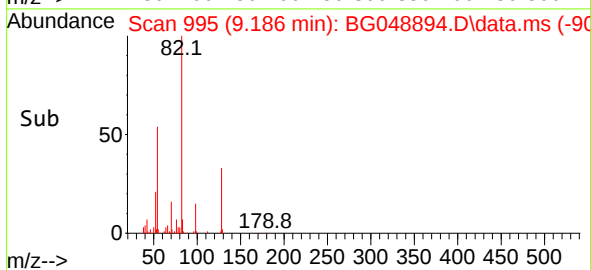
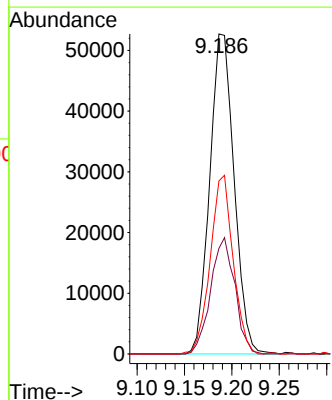
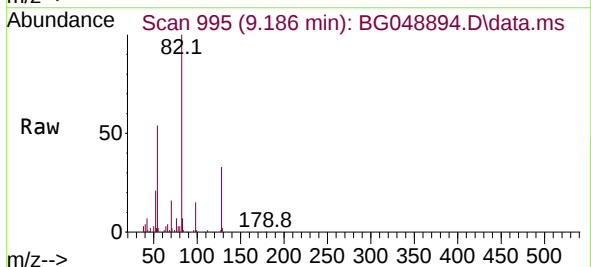


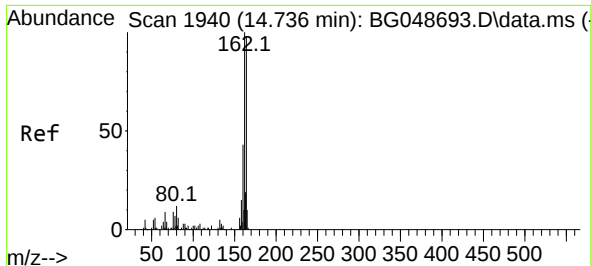
Tgt Ion:	136	Resp:	79221
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.2	12.2
54	6.9	5.5	8.3
68	3.9	2.3	3.5



#23
Nitrobenzene-d5
Concen: 53.33 ng
RT: 9.186 min Scan# 995
Delta R.T. -0.005 min
Lab File: BG048894.D
Acq: 27 Apr 2021 19:59

Tgt Ion:	82	Resp:	94366
Ion Ratio	Lower	Upper	
82	100		
128	33.0	29.8	44.6
54	54.0	45.8	68.8

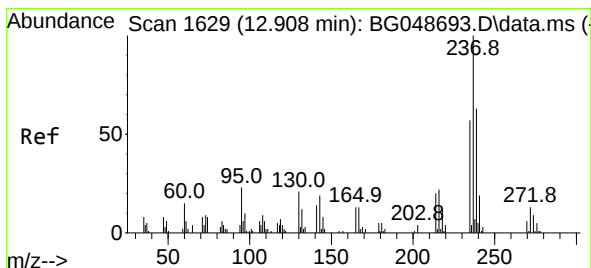
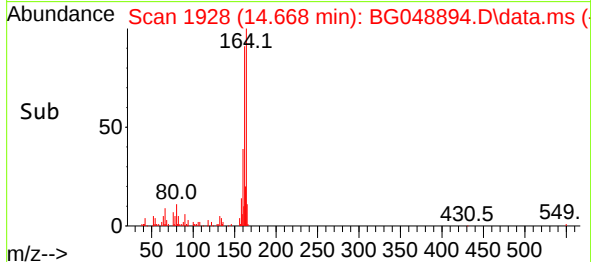
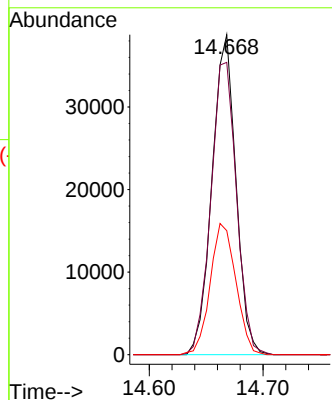
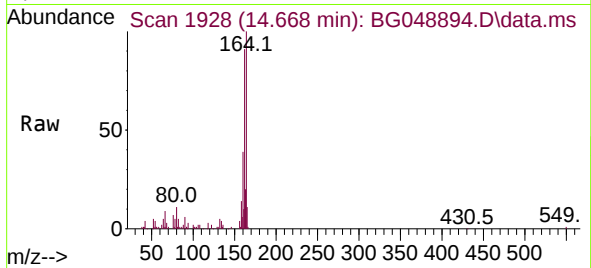




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.668 min Scan# 1928
Delta R.T. 0.001 min
Lab File: BG048894.D
Acq: 27 Apr 2021 19:59

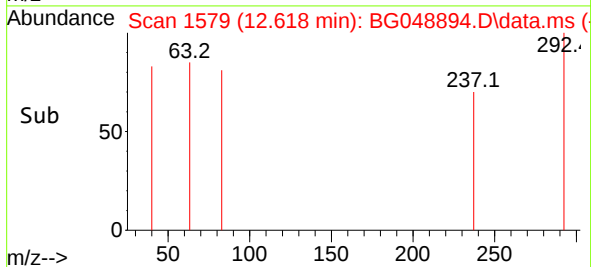
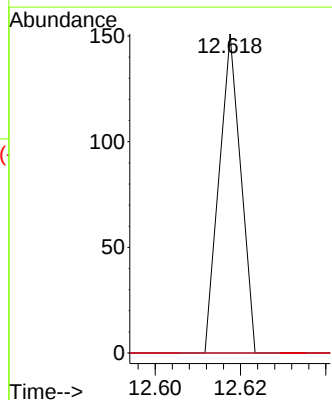
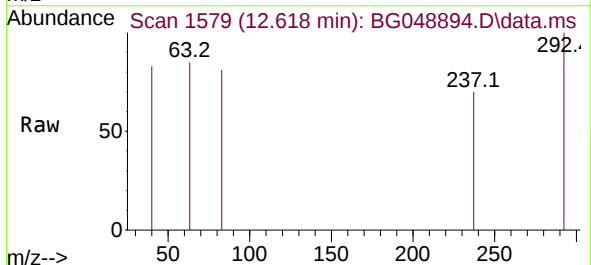
Instrument :
BNA_G
ClientSampled :
B4A

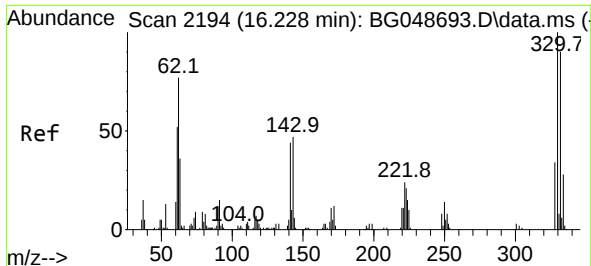
Tgt Ion:164	Resp:	56561
Ion Ratio	Lower	Upper
164	100	
162	91.3	81.4 122.0
160	38.8	34.9 52.3



#41
Hexachlorocyclopentadiene
Concen: 5.91 ng
RT: 12.618 min Scan# 1579
Delta R.T. -0.222 min
Lab File: BG048894.D
Acq: 27 Apr 2021 19:59

Tgt Ion:237	Resp:	53
Ion Ratio	Lower	Upper
237	100	
235	0.0	36.6 76.6#
272	0.0	0.0 32.5

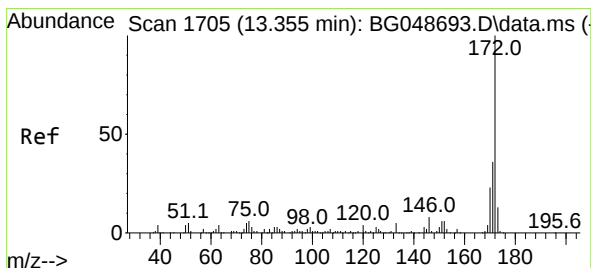
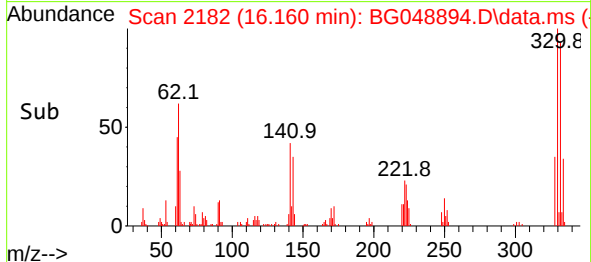
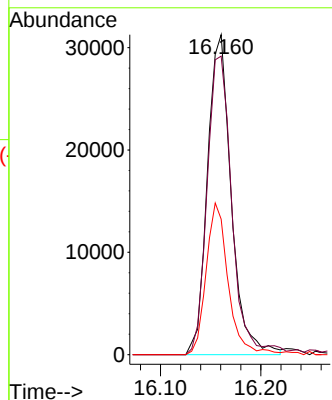
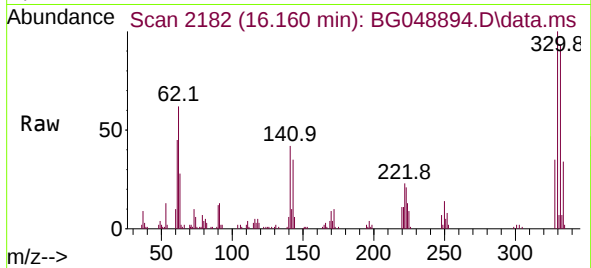




#42
2,4,6-Tribromophenol
Concen: 67.92 ng
RT: 16.160 min Scan# 2182
Delta R.T. -0.005 min
Lab File: BG048894.D
Acq: 27 Apr 2021 19:59

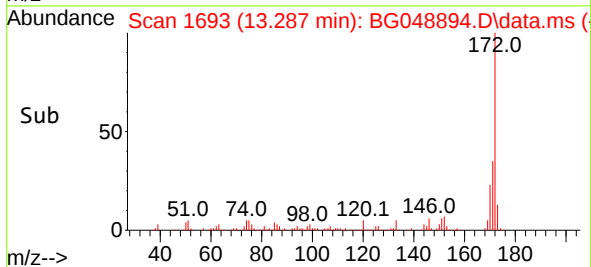
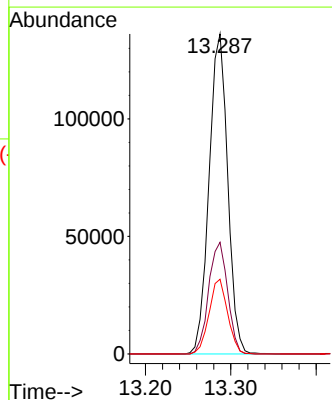
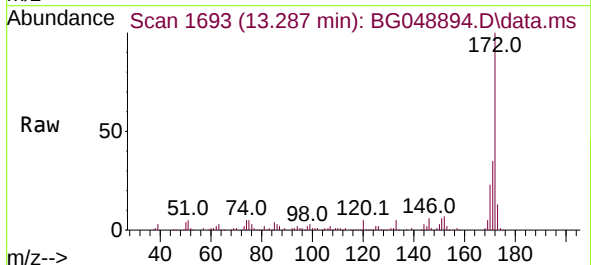
Instrument :
BNA_G
ClientSampleId :
B4A

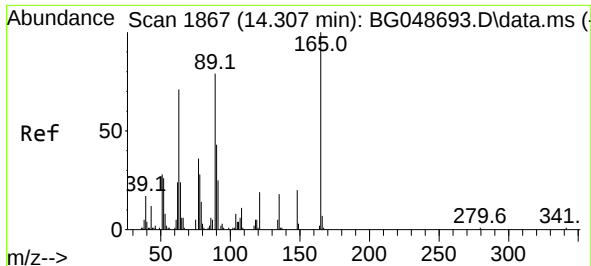
Tgt Ion:330 Resp: 51506
Ion Ratio Lower Upper
330 100
332 98.1 77.3 115.9
141 44.0 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 52.70 ng
RT: 13.287 min Scan# 1693
Delta R.T. 0.001 min
Lab File: BG048894.D
Acq: 27 Apr 2021 19:59

Tgt Ion:172 Resp: 206414
Ion Ratio Lower Upper
172 100
171 34.9 28.6 43.0
170 23.4 18.6 27.8

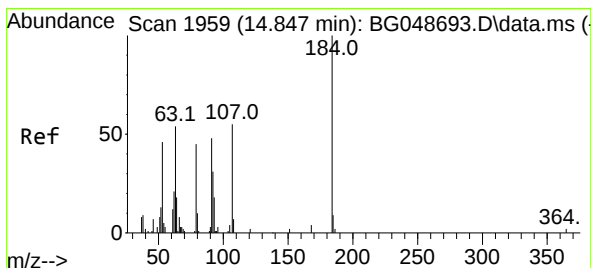
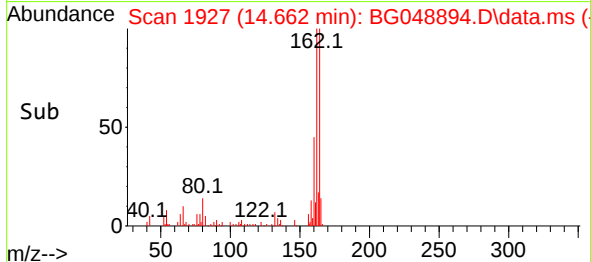
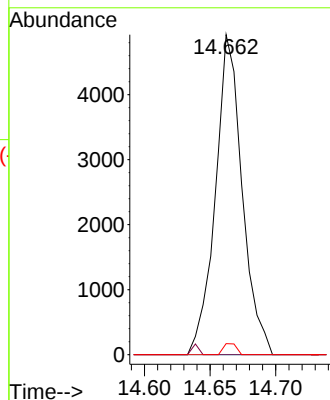
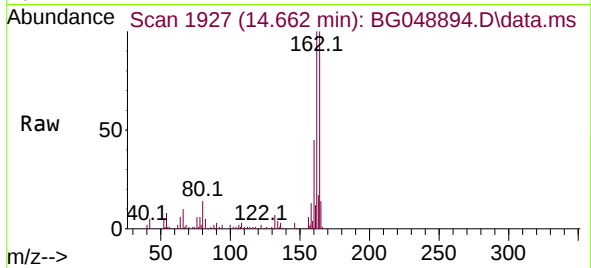




#51
2,6-Dinitrotoluene
Concen: 7.13 ng
RT: 14.662 min Scan# 1927
Delta R.T. 0.418 min
Lab File: BG048894.D
Acq: 27 Apr 2021 19:59

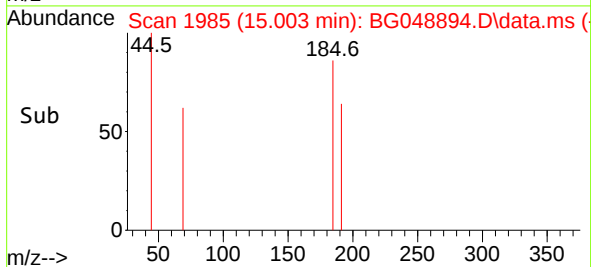
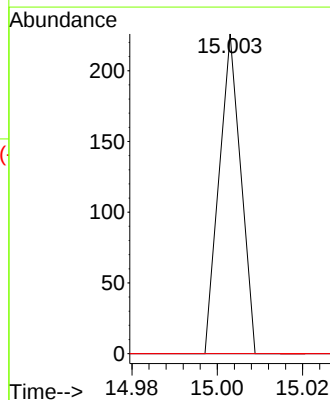
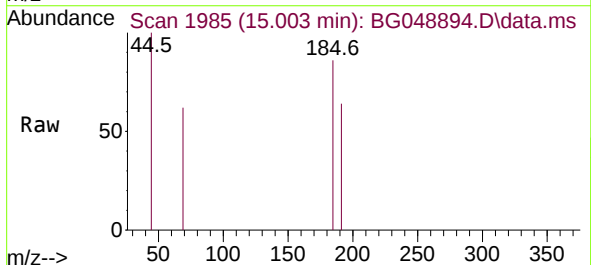
Instrument :
BNA_G
ClientSampled :
B4A

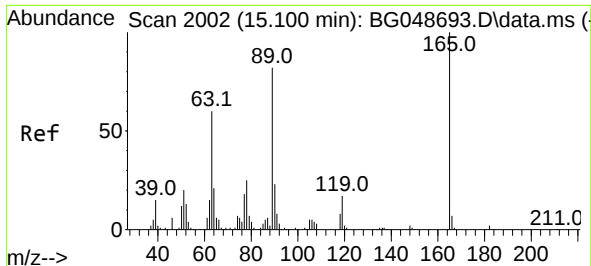
Tgt Ion:165 Resp: 6983
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 3.5 63.4 95.0#



#54
2,4-Dinitrophenol
Concen: 5.41 ng
RT: 15.003 min Scan# 1985
Delta R.T. 0.213 min
Lab File: BG048894.D
Acq: 27 Apr 2021 19:59

Tgt Ion:184 Resp: 80
Ion Ratio Lower Upper
184 100
63 0.0 68.3 102.5#
154 0.0 62.6 93.8#

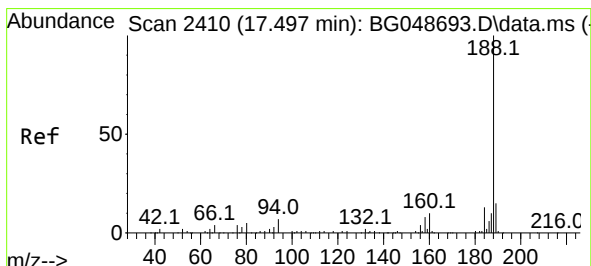
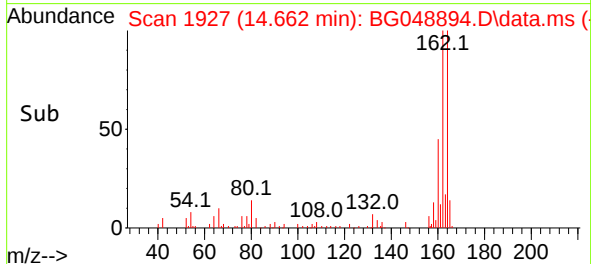
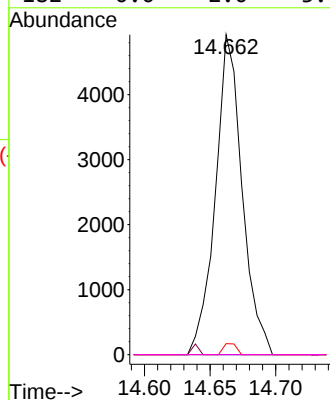
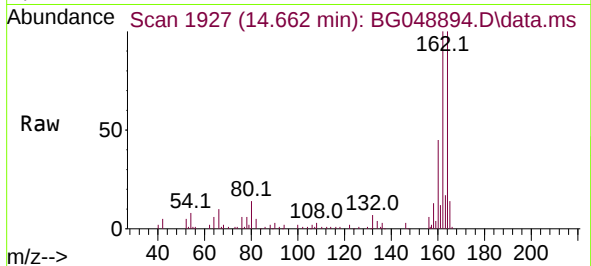




#57
2,4-Dinitrotoluene
Concen: 4.91 ng
RT: 14.662 min Scan# 1927
Delta R.T. -0.375 min
Lab File: BG048894.D
Acq: 27 Apr 2021 19:59

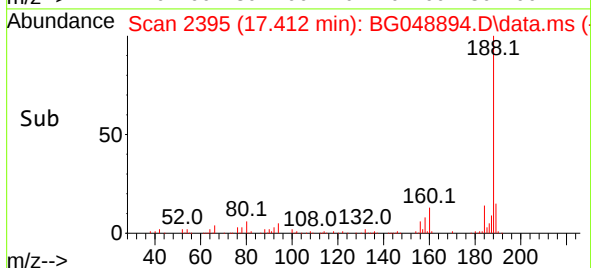
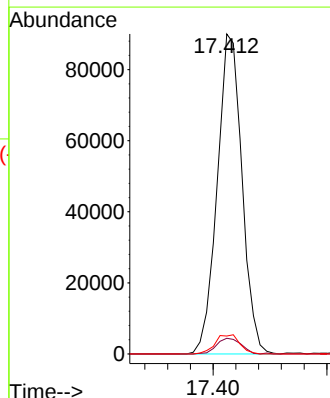
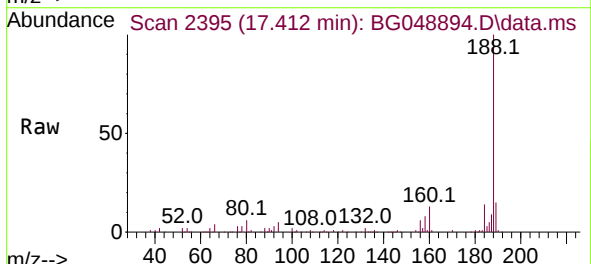
Instrument :
BNA_G
ClientSampled :
B4A

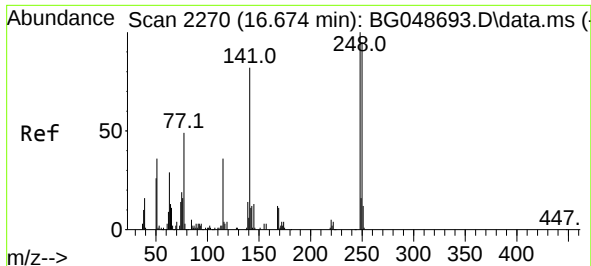
Tgt Ion:165 Resp: 6983
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 3.5 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.412 min Scan# 2395
Delta R.T. -0.005 min
Lab File: BG048894.D
Acq: 27 Apr 2021 19:59

Tgt Ion:188 Resp: 136086
Ion Ratio Lower Upper
188 100
94 4.9 5.4 8.0#
80 5.6 3.7 5.5#

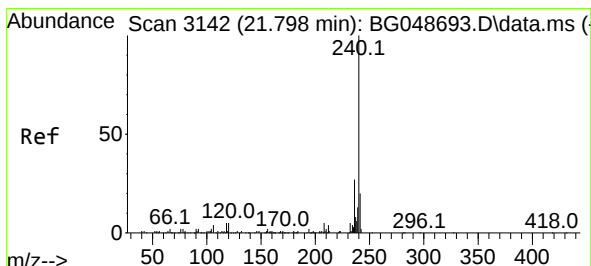
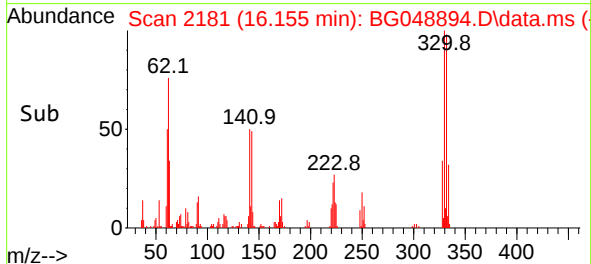
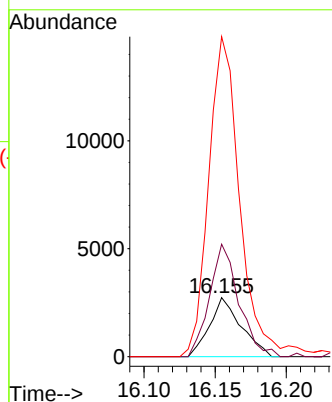
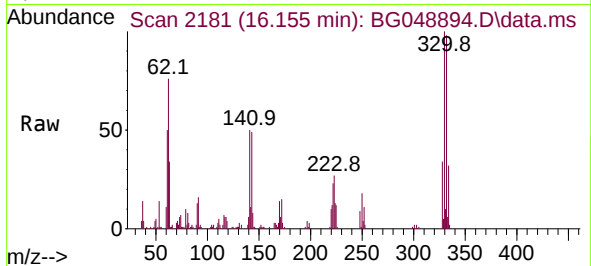




#67
4-Bromophenyl-phenylether
Concen: 2.69 ng
RT: 16.155 min Scan# 2181
Delta R.T. -0.446 min
Lab File: BG048894.D
Acq: 27 Apr 2021 19:59

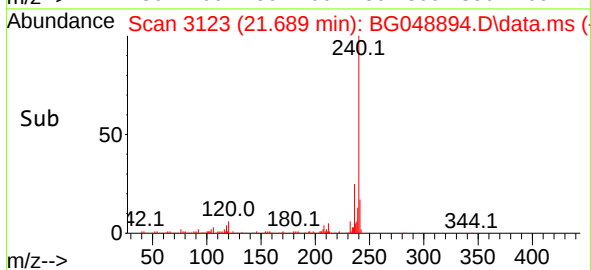
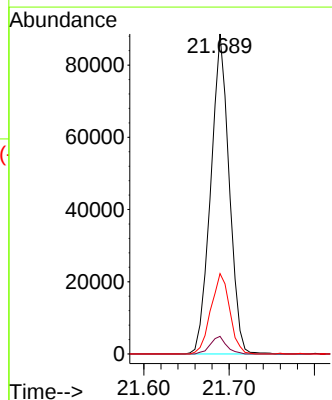
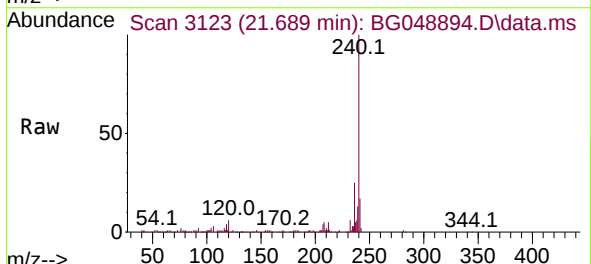
Instrument :
BNA_G
ClientSampled :
B4A

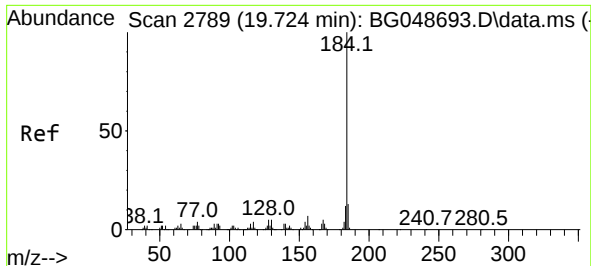
Tgt Ion:248 Resp: 4210
Ion Ratio Lower Upper
248 100
250 190.6 76.1 114.1#
141 542.3 65.4 98.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.689 min Scan# 3123
Delta R.T. -0.011 min
Lab File: BG048894.D
Acq: 27 Apr 2021 19:59

Tgt Ion:240 Resp: 132968
Ion Ratio Lower Upper
240 100
120 5.5 4.2 6.2
236 25.1 21.8 32.6

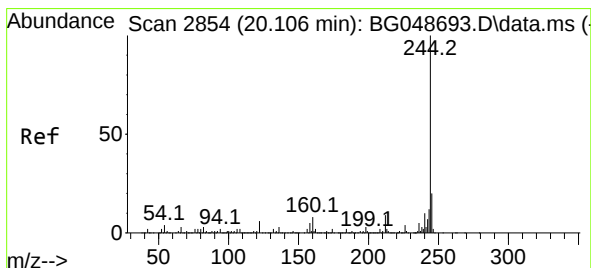
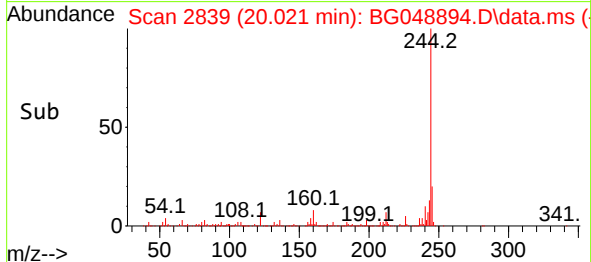
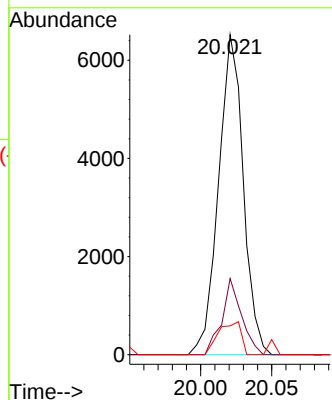
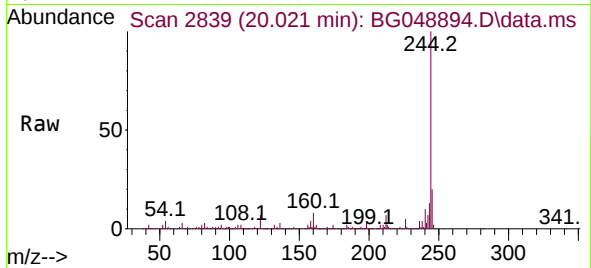




#77
Benzidine
Concen: 2.18 ng
RT: 20.021 min Scan# 2839
Delta R.T. 0.371 min
Lab File: BG048894.D
Acq: 27 Apr 2021 19:59

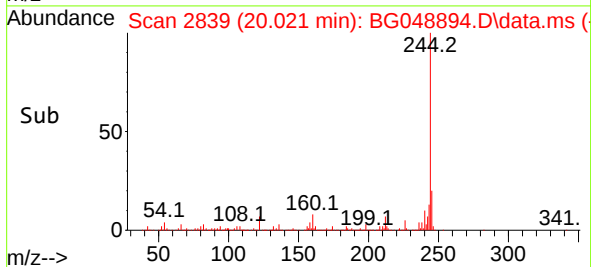
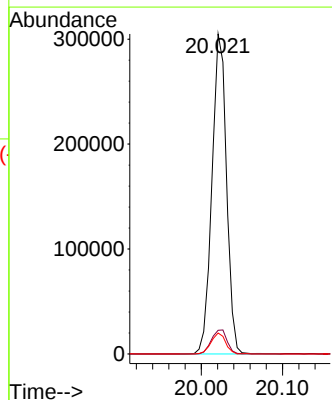
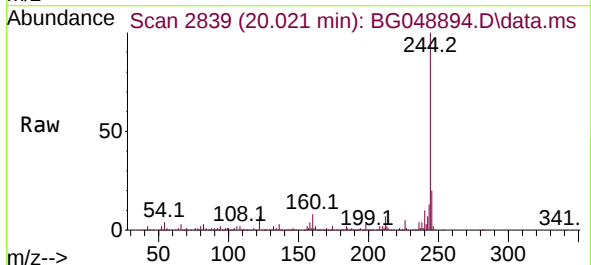
Instrument :
BNA_G
ClientSampled :
B4A

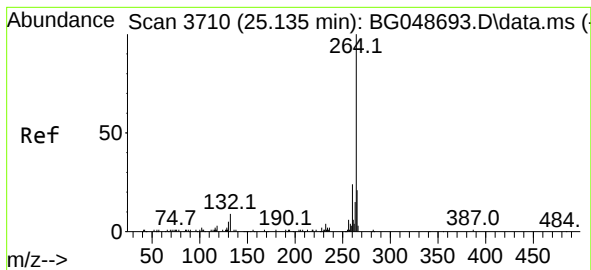
Tgt Ion:184 Resp: 7871
Ion Ratio Lower Upper
184 100
185 23.8 10.7 16.1#
183 9.0 9.4 14.0#



#79
Terphenyl-d14
Concen: 49.01 ng
RT: 20.021 min Scan# 2839
Delta R.T. -0.005 min
Lab File: BG048894.D
Acq: 27 Apr 2021 19:59

Tgt Ion:244 Resp: 378655
Ion Ratio Lower Upper
244 100
212 7.4 6.9 10.3
122 6.6 5.0 7.6





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.950 min Scan# 3678
 Delta R.T. -0.005 min
 Lab File: BG048894.D
 Acq: 27 Apr 2021 19:59

Instrument :
 BNA_G
 ClientSampleId :
 B4A

Tgt Ion:264 Resp: 133686
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.4 29.2
 265 23.1 16.9 25.3

