

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030521\
 Data File : BG048341.D
 Acq On : 5 Mar 2021 17:04
 Operator : CG/JU
 Sample : M1552-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 24368

Quant Time: Mar 05 17:40:18 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 05 16:23:55 2021
 Response via : Initial Calibration

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

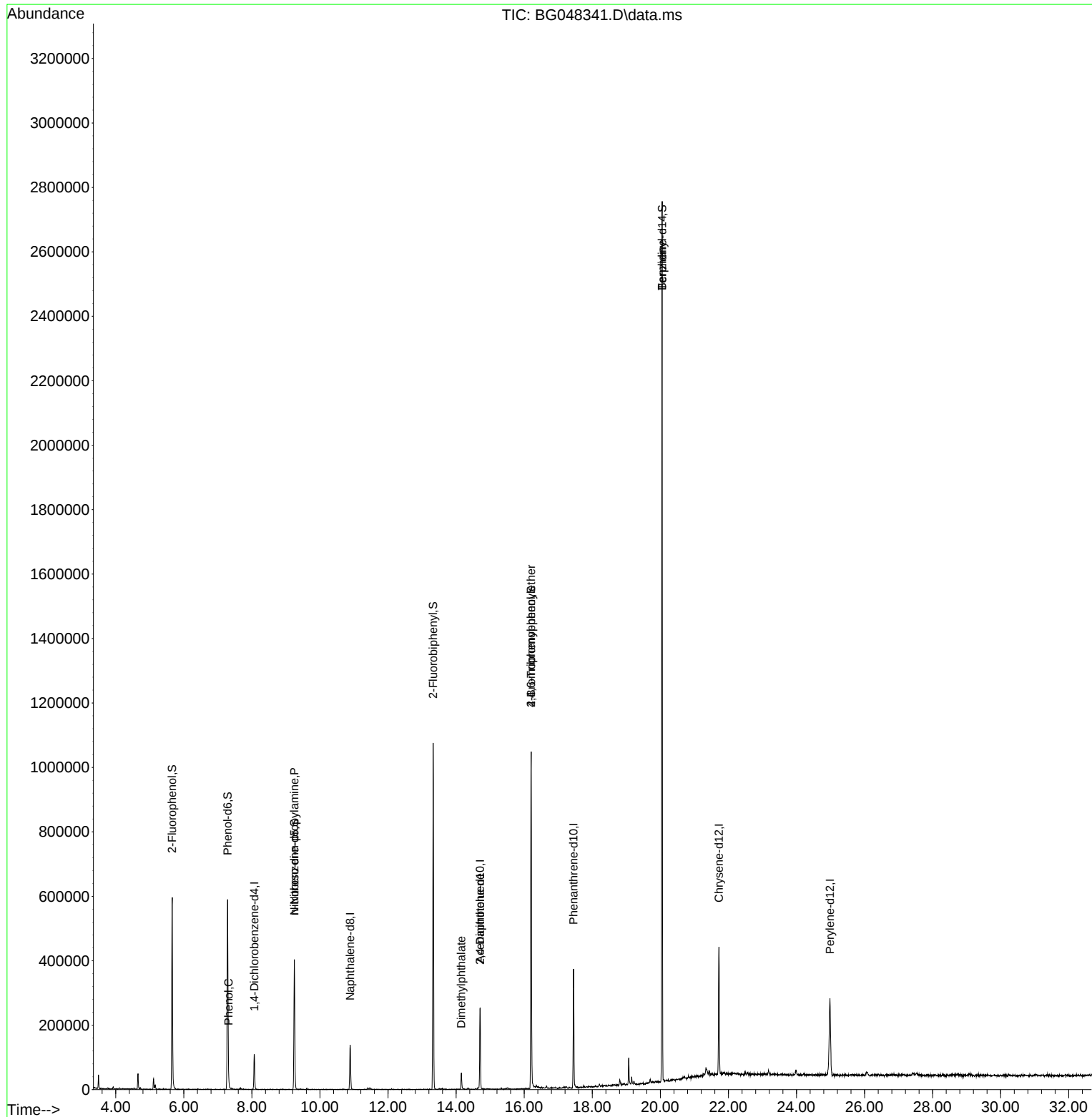
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.073	152	28105	20.00	ng	# 0.00
21) Naphthalene-d8	10.887	136	114559	20.00	ng	0.00
39) Acenaphthene-d10	14.706	164	88283	20.00	ng	0.00
64) Phenanthrene-d10	17.450	188	223744	20.00	ng	# 0.00
76) Chrysene-d12	21.722	240	251726	20.00	ng	# 0.00
86) Perylene-d12	24.983	264	244120	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.658	112	224070	135.71	ng	0.00
7) Phenol-d6	7.286	99	294132	117.25	ng	0.00
23) Nitrobenzene-d5	9.248	82	248383	91.71	ng	0.00
42) 2,4,6-Tribromophenol	16.205	330	198189	140.35	ng	0.00
45) 2-Fluorobiphenyl	13.326	172	541095	85.93	ng	0.00
79) Terphenyl-d14	20.053	244	1244332	90.33	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	7.315	94	7320	2.89	ng	# 50
19) n-Nitroso-di-n-propyla...	9.248	70	37568	19.40	ng	# 85
50) Dimethylphthalate	14.154	163	33313	4.51	ng	99
57) 2,4-Dinitrotoluene	14.701	165	11187	4.67	ng	# 30
67) 4-Bromophenyl-phenylether	16.205	248	13271	4.63	ng	# 1
77) Benzydine	20.053	184	24527	2.98	ng	# 93

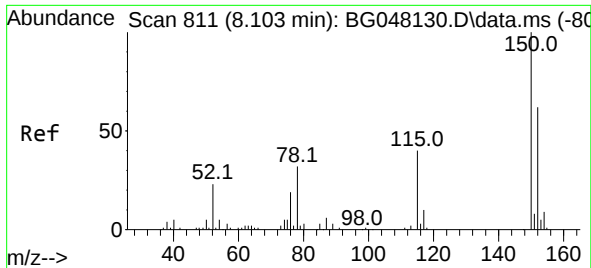
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030521\
Data File : BG048341.D
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Misc :
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Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 05 16:23:55 2021
Response via : Initial Calibration

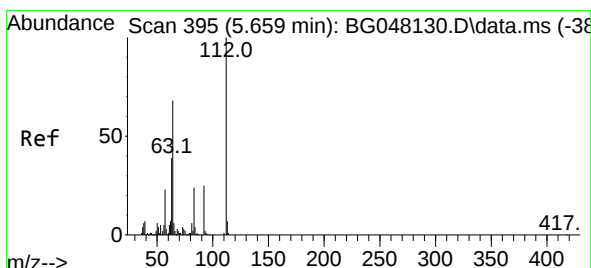
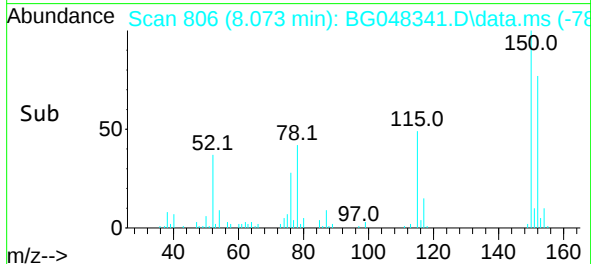
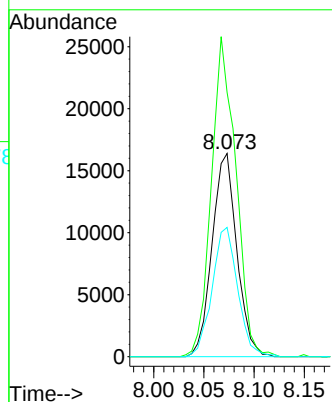
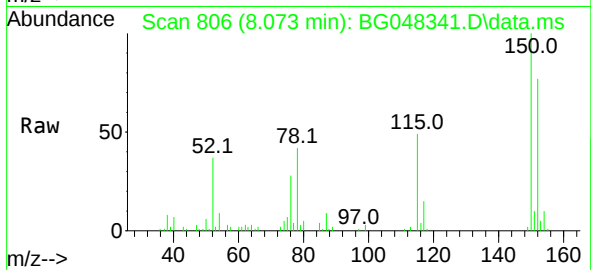




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.073 min Scan# 806
Delta R.T. -0.001 min
Lab File: BG048341.D
Acq: 5 Mar 2021 17:04

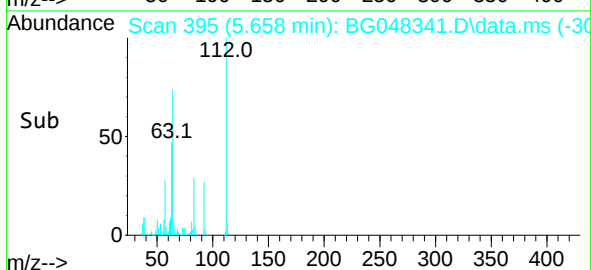
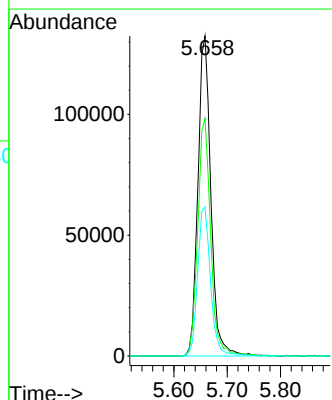
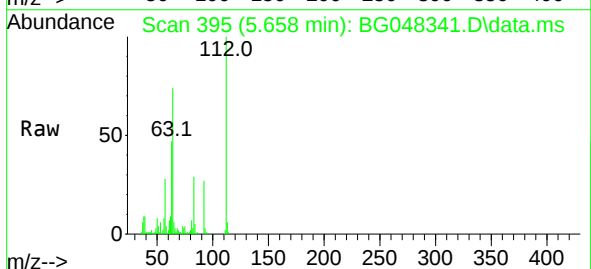
Instrument :
BNA_G
ClientSampleId :
24368

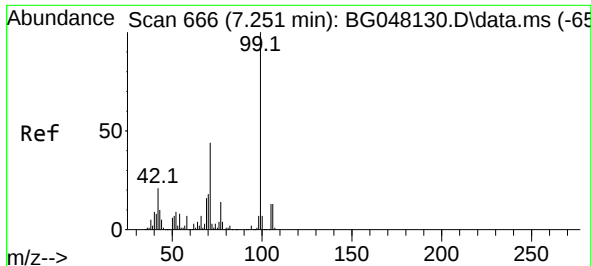
Tgt Ion:152 Resp: 28105
Ion Ratio Lower Upper
152 100
150 130.1 125.0 187.6
115 63.6 41.8 62.6#



#5
2-Fluorophenol
Concen: 135.71 ng
RT: 5.658 min Scan# 395
Delta R.T. 0.005 min
Lab File: BG048341.D
Acq: 5 Mar 2021 17:04

Tgt Ion:112 Resp: 224070
Ion Ratio Lower Upper
112 100
64 74.2 46.7 70.1#
63 46.5 22.8 34.2#

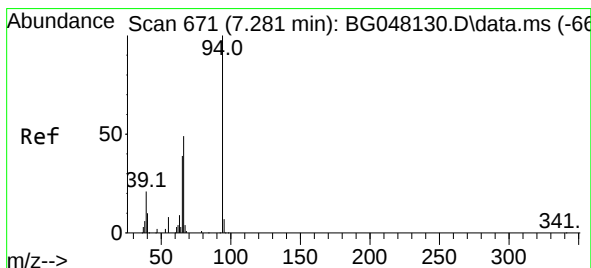
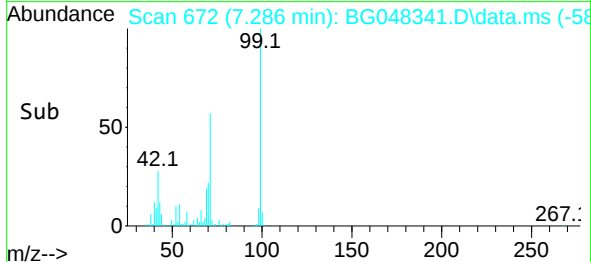
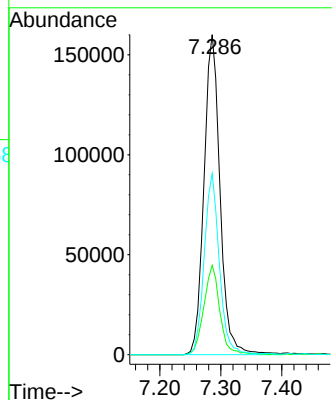
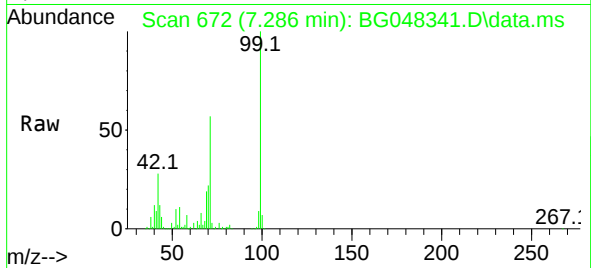




#7
Phenol-d6
Concen: 117.25 ng
RT: 7.286 min Scan# 672
Delta R.T. -0.001 min
Lab File: BG048341.D
Acq: 5 Mar 2021 17:04

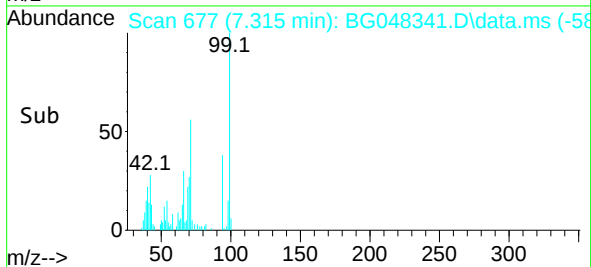
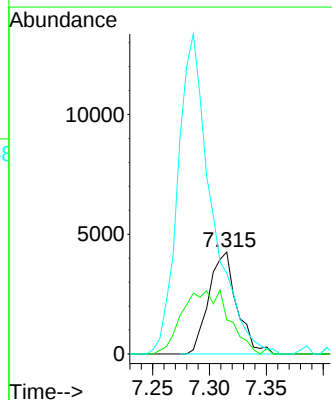
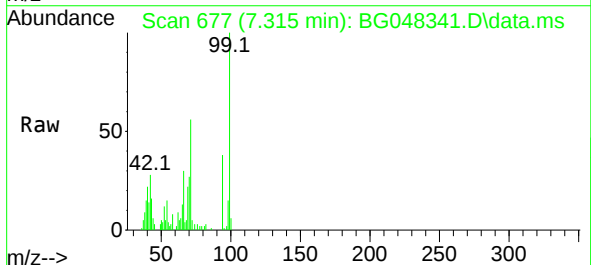
Instrument :
BNA_G
ClientSampleId :
24368

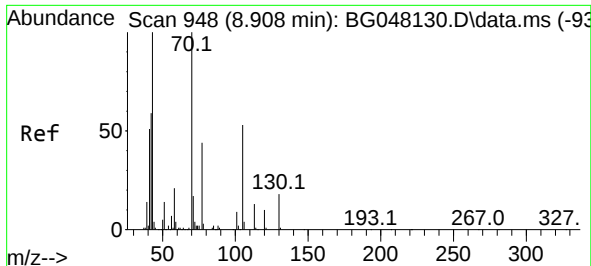
Tgt Ion: 99 Resp: 294132
Ion Ratio Lower Upper
99 100
42 27.9 12.8 19.2#
71 56.6 24.6 36.8#



#10
Phenol
Concen: 2.89 ng
RT: 7.315 min Scan# 677
Delta R.T. 0.005 min
Lab File: BG048341.D
Acq: 5 Mar 2021 17:04

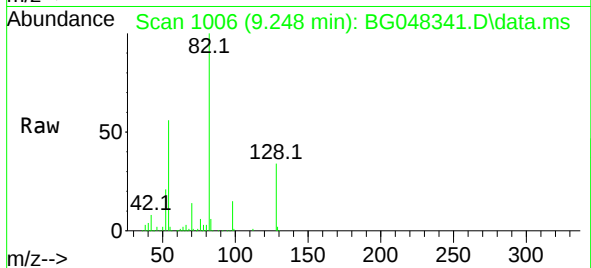
Tgt Ion: 94 Resp: 7320
Ion Ratio Lower Upper
94 100
65 33.5 6.6 46.6
66 79.3 13.9 53.9#



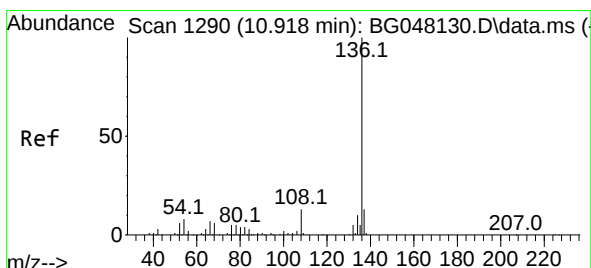
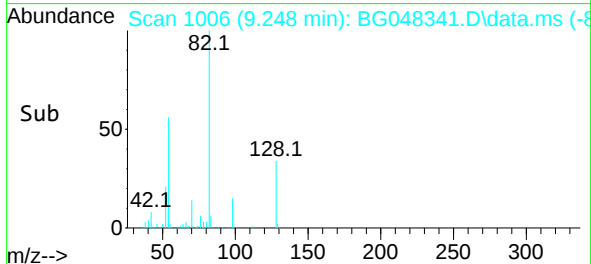
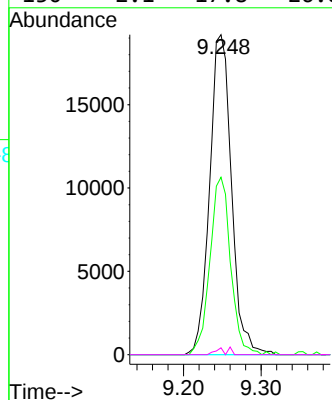


#19
n-Nitroso-di-n-propylamine
Concen: 19.40 ng
RT: 9.248 min Scan# 1006
Delta R.T. 0.369 min
Lab File: BG048341.D
Acq: 5 Mar 2021 17:04

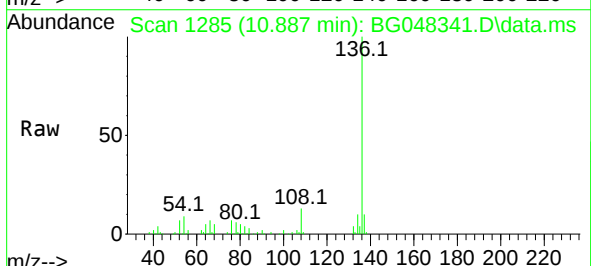
Instrument :
BNA_G
ClientSampleId :
24368



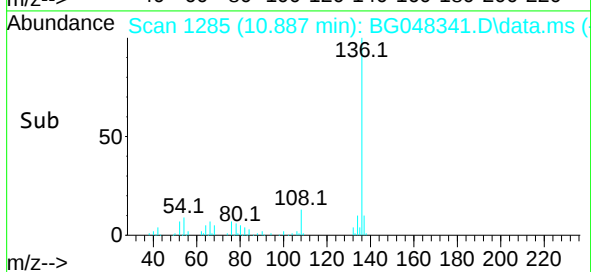
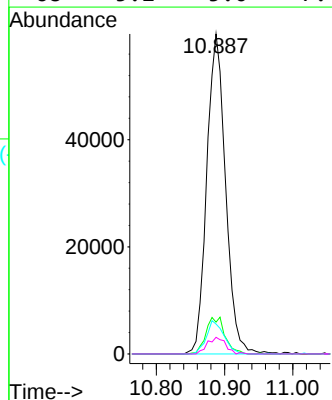
Tgt Ion	Ratio	Lower	Upper
70	100		
42	55.4	45.6	68.4
101	0.0	8.4	12.6#
130	2.1	17.8	26.8#

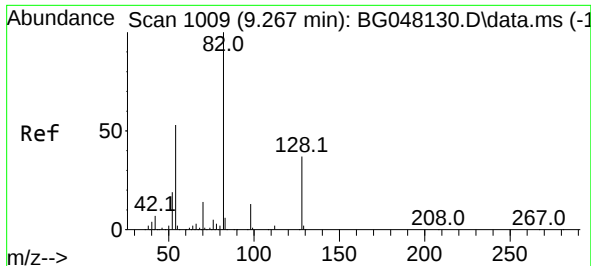


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.887 min Scan# 1285
Delta R.T. -0.001 min
Lab File: BG048341.D
Acq: 5 Mar 2021 17:04



Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.0	9.1	13.7
54	9.3	6.2	9.4
68	5.2	5.0	7.4

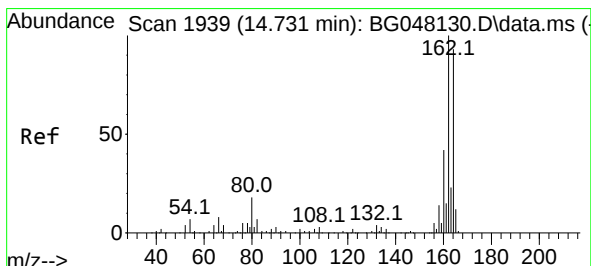
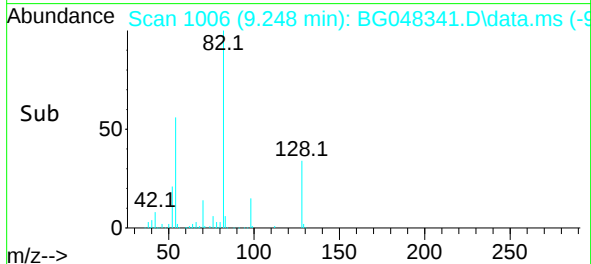
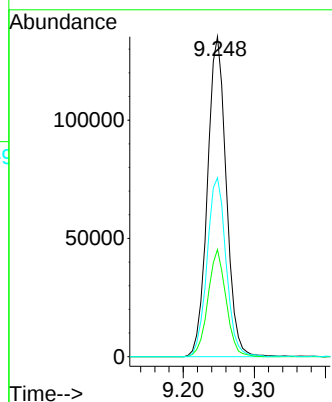
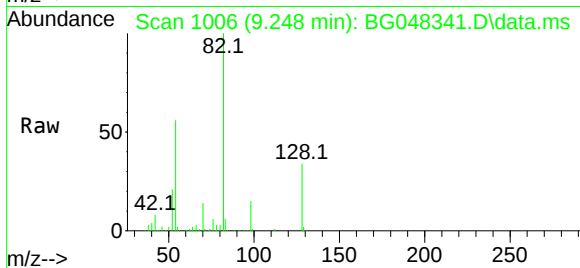




#23
Nitrobenzene-d5
Concen: 91.71 ng
RT: 9.248 min Scan# 1006
Delta R.T. -0.001 min
Lab File: BG048341.D
Acq: 5 Mar 2021 17:04

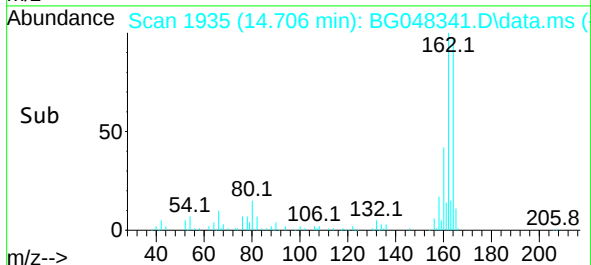
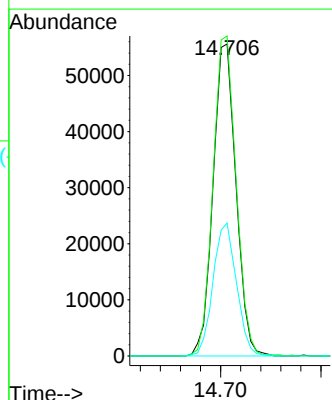
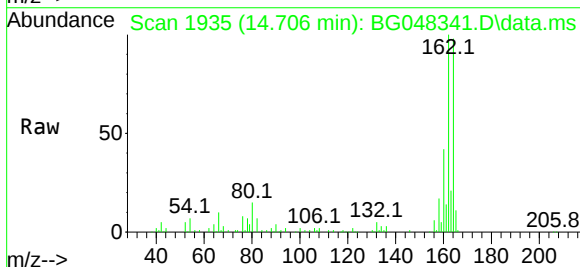
Instrument :
BNA_G
ClientSampled :
24368

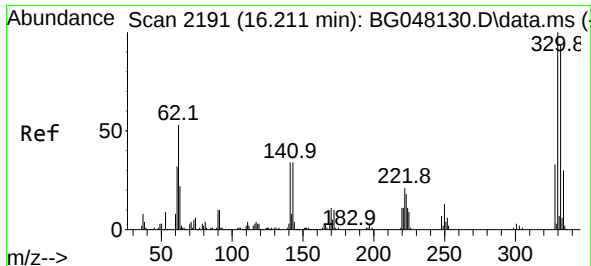
Tgt Ion: 82 Resp: 248383
Ion Ratio Lower Upper
82 100
128 33.5 37.0 55.6#
54 55.9 39.0 58.4



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.706 min Scan# 1935
Delta R.T. -0.001 min
Lab File: BG048341.D
Acq: 5 Mar 2021 17:04

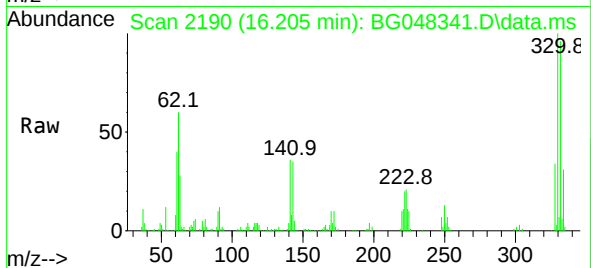
Tgt Ion: 164 Resp: 88283
Ion Ratio Lower Upper
164 100
162 102.6 82.3 123.5
160 42.6 35.3 52.9



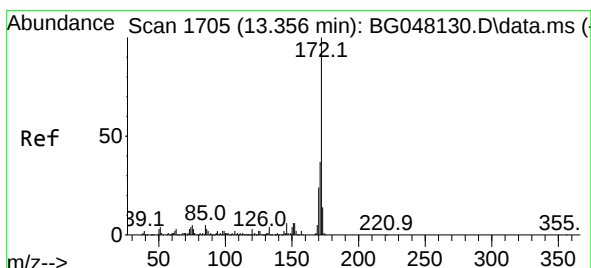
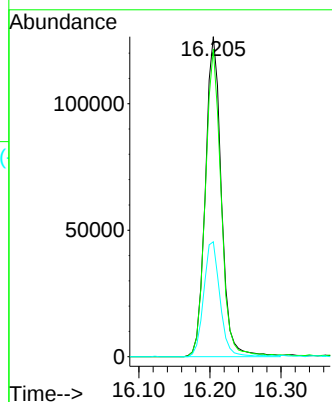
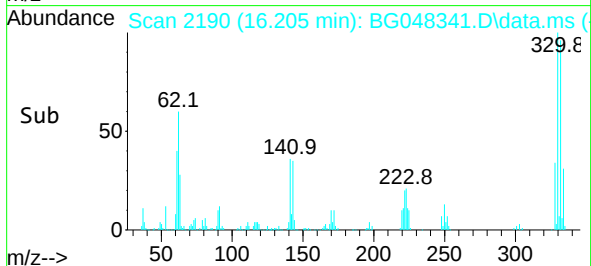


#42
2,4,6-Tribromophenol
Concen: 140.35 ng
RT: 16.205 min Scan# 2190
Delta R.T. -0.001 min
Lab File: BG048341.D
Acq: 5 Mar 2021 17:04

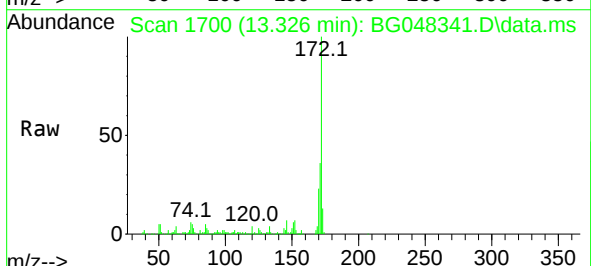
Instrument :
BNA_G
ClientSampleId :
24368



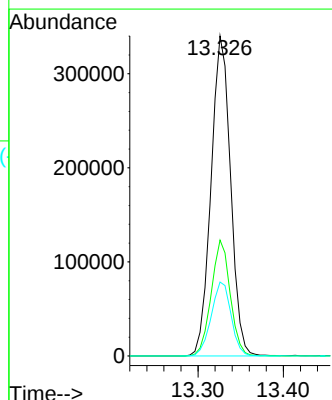
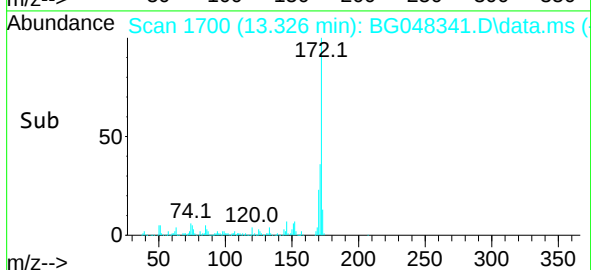
Tgt Ion:330 Resp: 198189
Ion Ratio Lower Upper
330 100
332 94.8 76.5 114.7
141 36.4 26.0 39.0

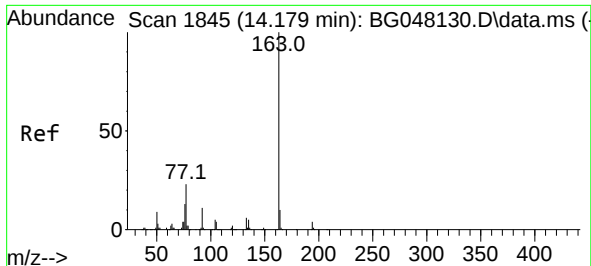


#45
2-Fluorobiphenyl
Concen: 85.93 ng
RT: 13.326 min Scan# 1700
Delta R.T. -0.001 min
Lab File: BG048341.D
Acq: 5 Mar 2021 17:04



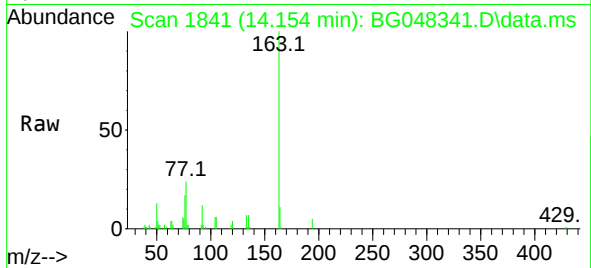
Tgt Ion:172 Resp: 541095
Ion Ratio Lower Upper
172 100
171 36.2 31.3 46.9
170 23.1 20.8 31.2



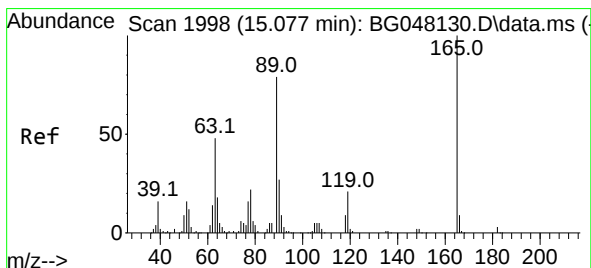
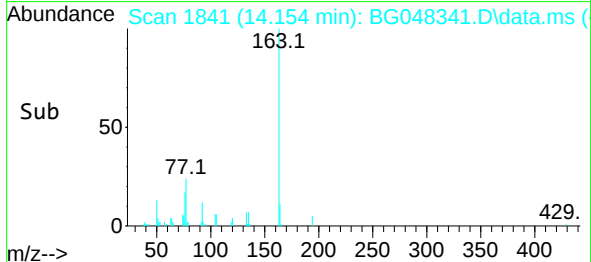
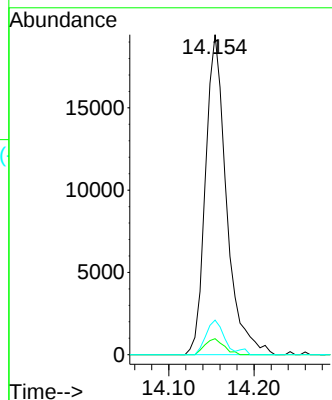


#50
Dimethylphthalate
Concen: 4.51 ng
RT: 14.154 min Scan# 1841
Delta R.T. -0.007 min
Lab File: BG048341.D
Acq: 5 Mar 2021 17:04

Instrument :
BNA_G
ClientSampleId :
24368

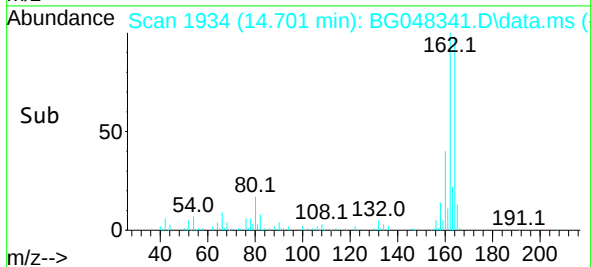
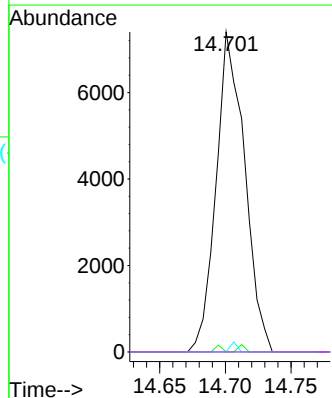
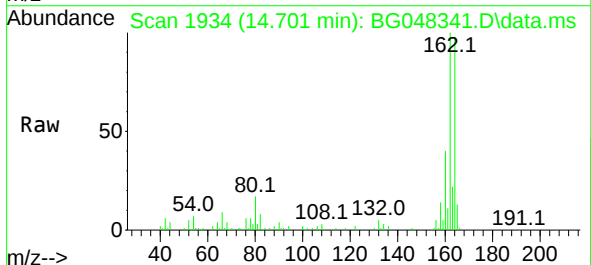


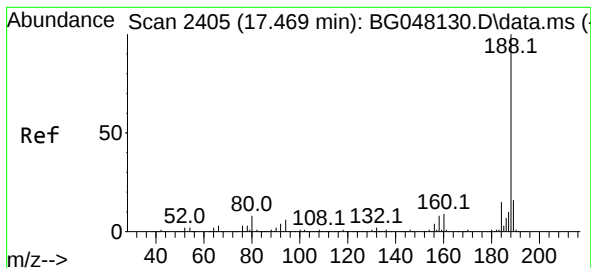
Tgt Ion:163 Resp: 33313
Ion Ratio Lower Upper
163 100
194 5.0 3.8 5.8
164 10.8 8.8 13.2



#57
2,4-Dinitrotoluene
Concen: 4.67 ng
RT: 14.701 min Scan# 1934
Delta R.T. -0.389 min
Lab File: BG048341.D
Acq: 5 Mar 2021 17:04

Tgt Ion:165 Resp: 11187
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#

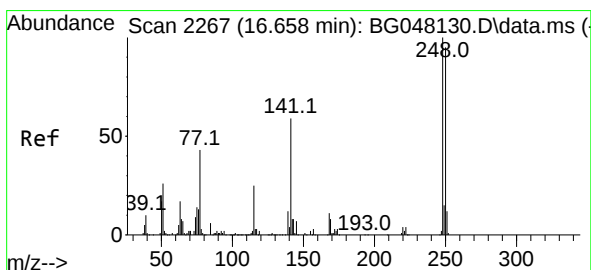
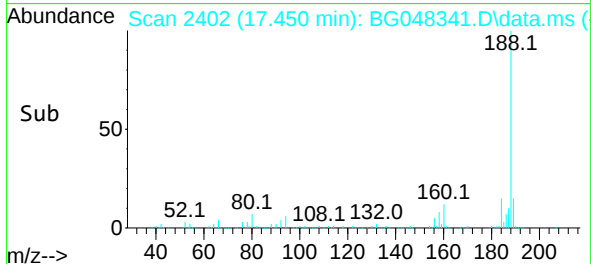
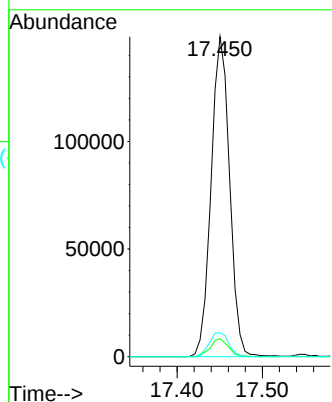
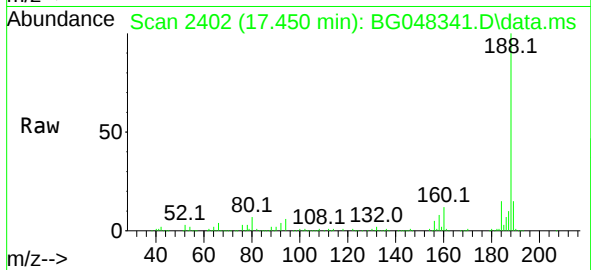




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.450 min Scan# 2402
Delta R.T. -0.007 min
Lab File: BG048341.D
Acq: 5 Mar 2021 17:04

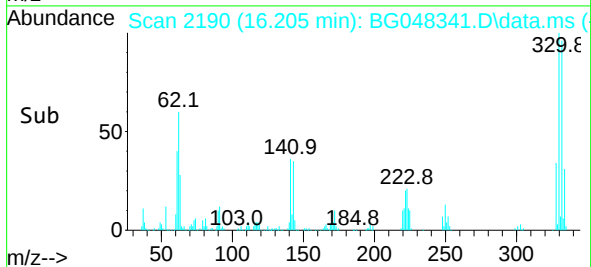
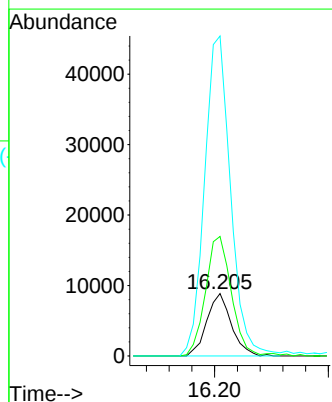
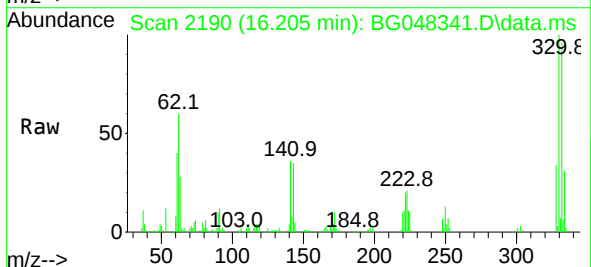
Instrument :
BNA_G
ClientSampleId :
24368

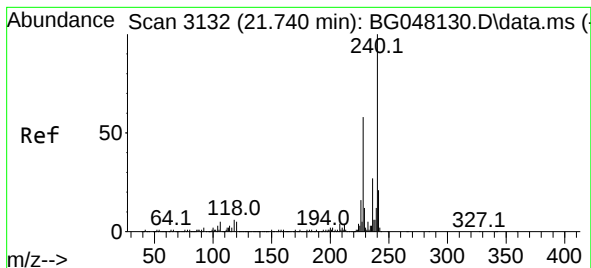
Tgt Ion:188 Resp: 223744
Ion Ratio Lower Upper
188 100
94 5.6 6.3 9.5#
80 7.5 7.0 10.6



#67
4-Bromophenyl-phenylether
Concen: 4.63 ng
RT: 16.205 min Scan# 2190
Delta R.T. -0.430 min
Lab File: BG048341.D
Acq: 5 Mar 2021 17:04

Tgt Ion:248 Resp: 13271
Ion Ratio Lower Upper
248 100
250 191.6 78.9 118.3#
141 513.3 46.2 69.4#

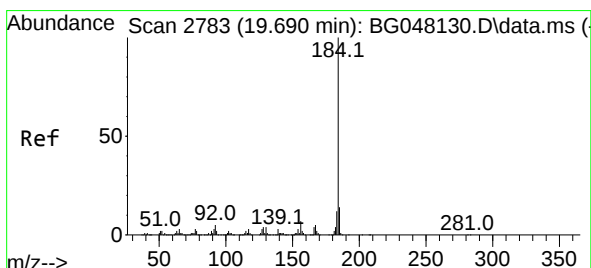
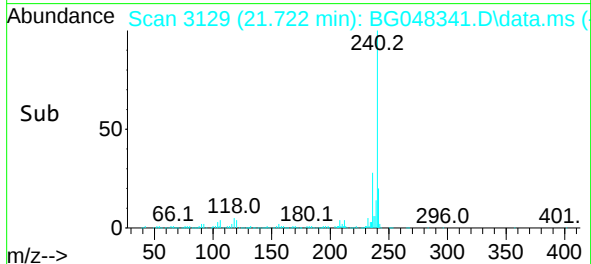
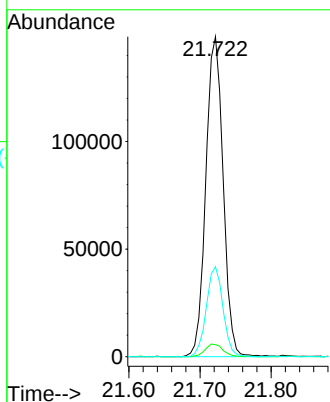
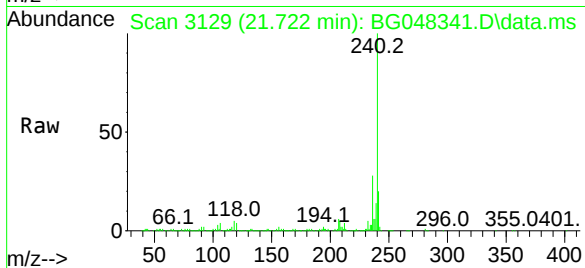




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.722 min Scan# 3129
Delta R.T. -0.007 min
Lab File: BG048341.D
Acq: 5 Mar 2021 17:04

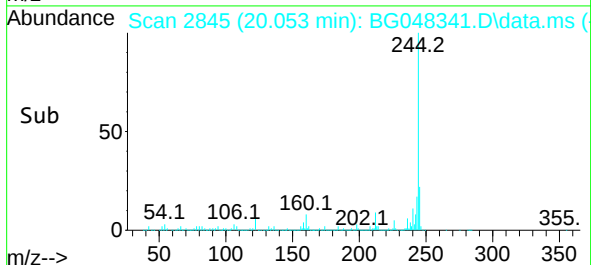
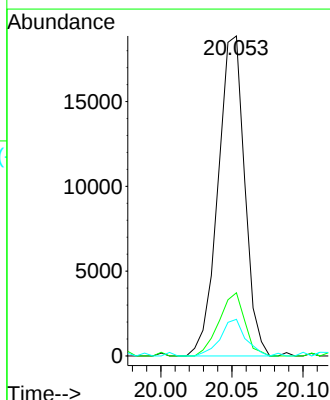
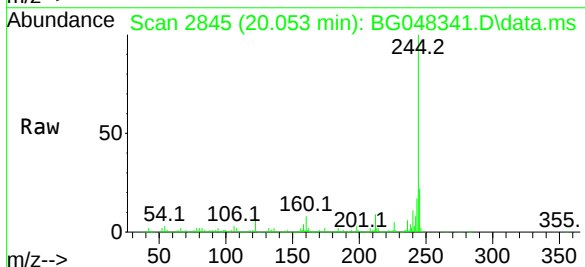
Instrument :
BNA_G
ClientSampleId :
24368

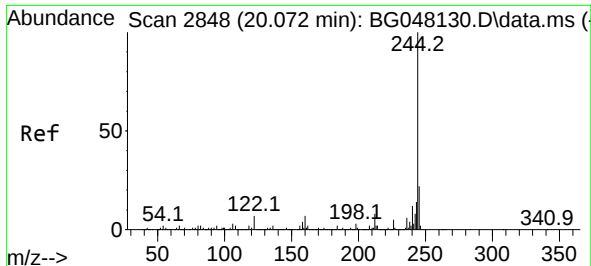
Tgt Ion:240 Resp: 251726
Ion Ratio Lower Upper
240 100
120 3.8 6.2 9.4#
236 28.1 20.5 30.7



#77
Benzidine
Concen: 2.98 ng
RT: 20.053 min Scan# 2845
Delta R.T. 0.369 min
Lab File: BG048341.D
Acq: 5 Mar 2021 17:04

Tgt Ion:184 Resp: 24527
Ion Ratio Lower Upper
184 100
185 19.7 12.4 18.6#
183 11.5 10.6 15.8

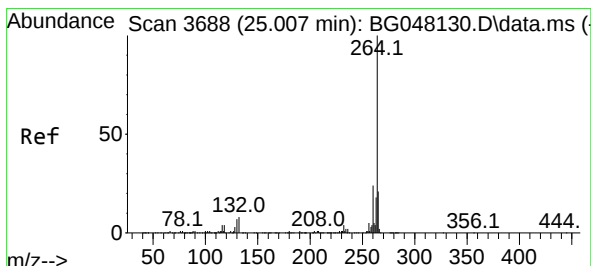
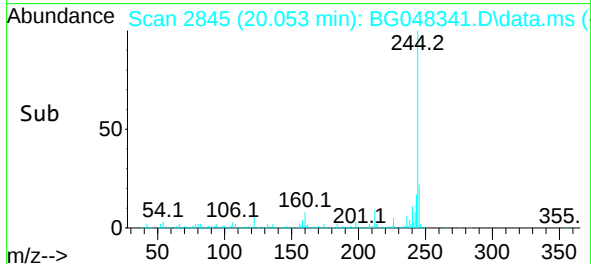
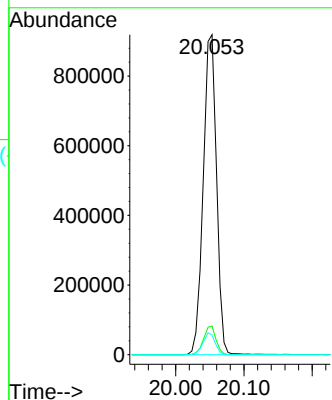
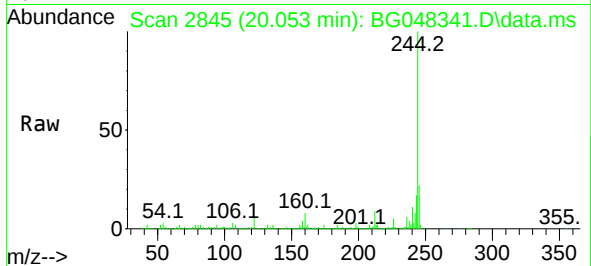




#79
 Terphenyl-d14
 Concen: 90.33 ng
 RT: 20.053 min Scan# 2845
 Delta R.T. -0.001 min
 Lab File: BG048341.D
 Acq: 5 Mar 2021 17:04

Instrument :
 BNA_G
 ClientSampleId :
 24368

Tgt Ion:244 Resp: 1244332
 Ion Ratio Lower Upper
 244 100
 212 8.9 6.7 10.1
 122 6.1 7.8 11.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.983 min Scan# 3684
 Delta R.T. -0.007 min
 Lab File: BG048341.D
 Acq: 5 Mar 2021 17:04

Tgt Ion:264 Resp: 244120
 Ion Ratio Lower Upper
 264 100
 260 25.9 18.8 28.2
 265 21.7 17.8 26.8

