

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012621\
 Data File : BG048012.D
 Acq On : 26 Jan 2021 18:32
 Operator : CG/JU
 Sample : M1188-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-230

Quant Time: Jan 26 23:32:53 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 25 19:39:42 2021
 Response via : Initial Calibration

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

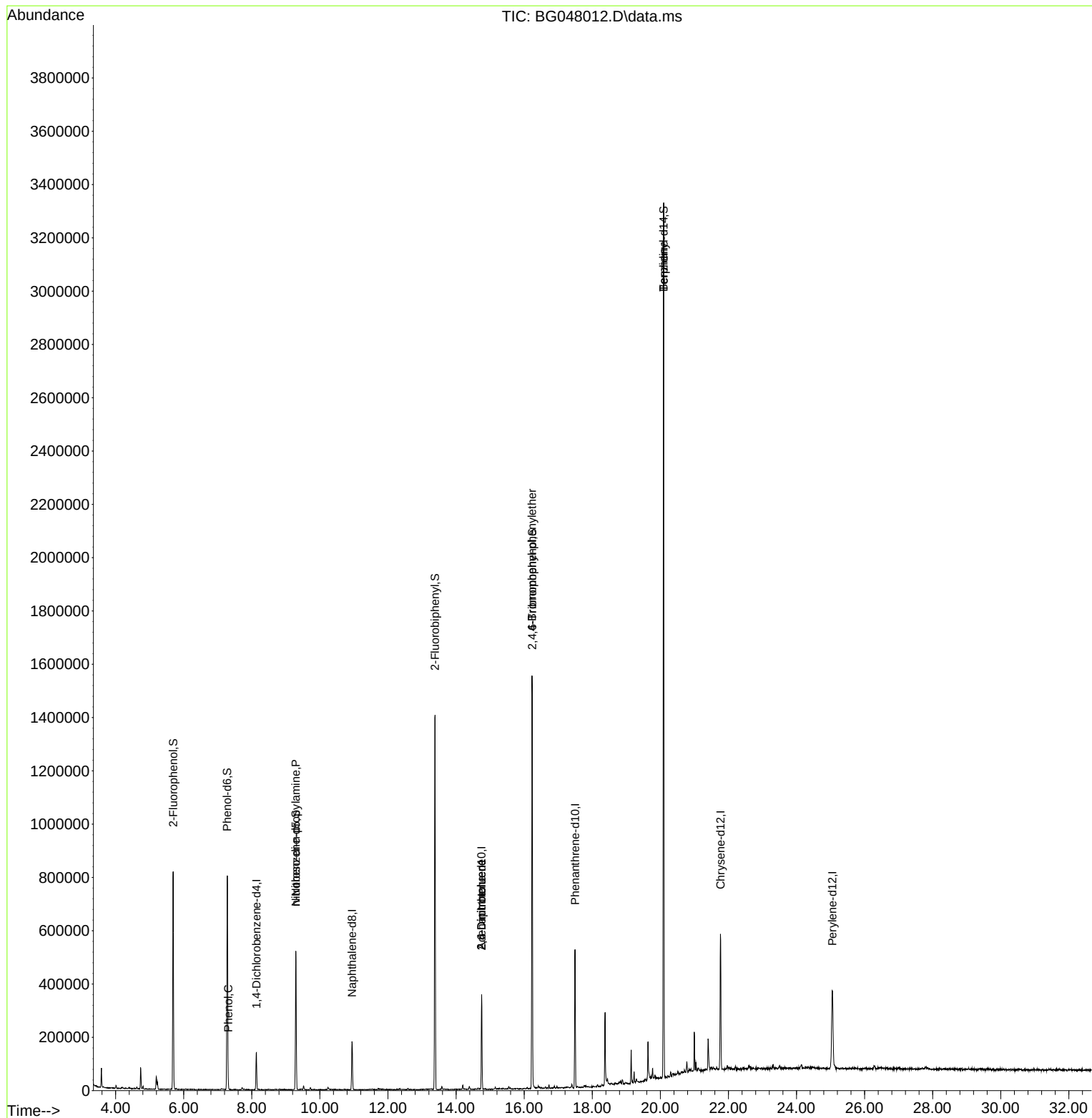
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.135	152	37237	20.00	ng	0.00
21) Naphthalene-d8	10.943	136	149549	20.00	ng	0.00
39) Acenaphthene-d10	14.751	164	120593	20.00	ng	0.00
64) Phenanthrene-d10	17.494	188	331997	20.00	ng	# 0.00
76) Chrysene-d12	21.766	240	333195	20.00	ng	# 0.00
86) Perylene-d12	25.050	264	331661	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.691	112	327413	135.13	ng	0.00
7) Phenol-d6	7.277	99	436495	118.49	ng	0.00
23) Nitrobenzene-d5	9.292	82	320525	84.80	ng	0.00
42) 2,4,6-Tribromophenol	16.237	330	299119	148.92	ng	0.00
45) 2-Fluorobiphenyl	13.382	172	754134	80.85	ng	0.00
79) Terphenyl-d14	20.097	244	1461487	76.05	ng	0.00
Target Compounds						
10) Phenol	7.306	94	9155	2.59	ng	# 67
19) n-Nitroso-di-n-propyla...	9.292	70	45745	17.01	ng	# 75
51) 2,6-Dinitrotoluene	14.751	165	16023	7.06	ng	# 35
57) 2,4-Dinitrotoluene	14.751	165	16023	4.89	ng	# 33
67) 4-Bromophenyl-phenylether	16.231	248	19910	4.49	ng	# 1
77) Benzidine	20.097	184	25838	2.69	ng	99

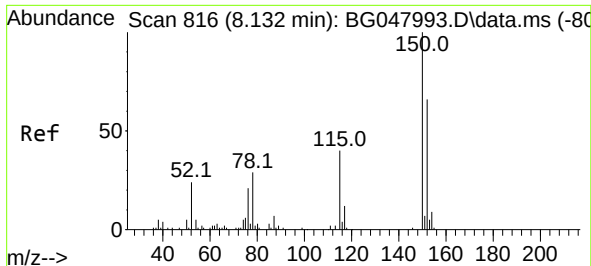
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 25 19:39:42 2021
Response via : Initial Calibration

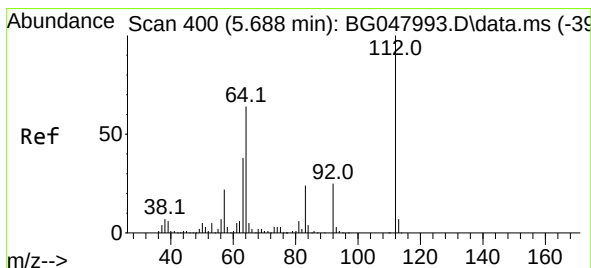
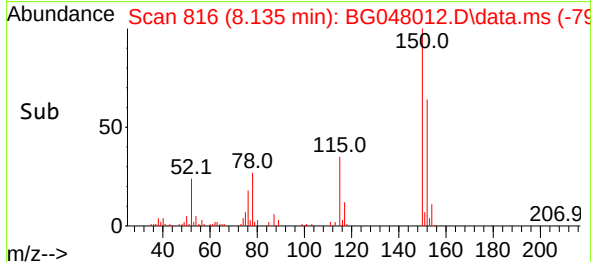
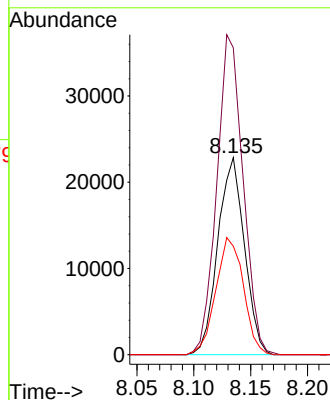
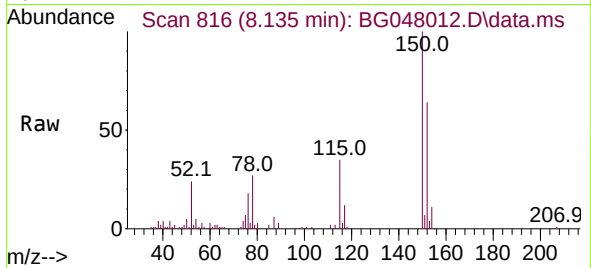




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.135 min Scan# 816
Delta R.T. 0.003 min
Lab File: BG048012.D
Acq: 26 Jan 2021 18:32

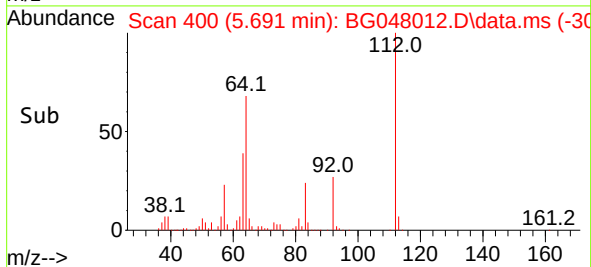
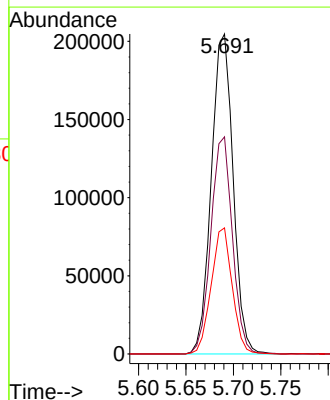
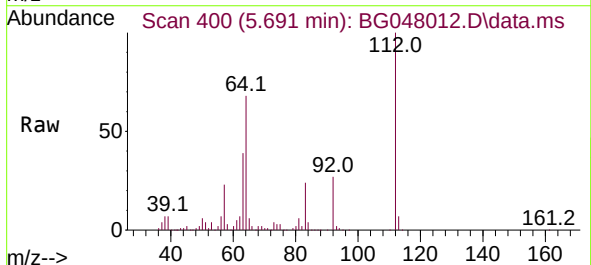
Instrument :
BNA_G
ClientSampleId :
TP-230

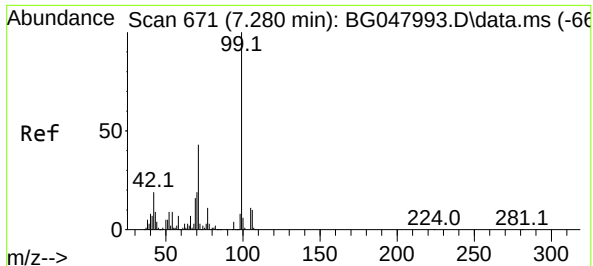
Tgt Ion:152 Resp: 37237
Ion Ratio Lower Upper
152 100
150 155.7 125.0 187.6
115 55.0 41.8 62.6



#5
2-Fluorophenol
Concen: 135.13 ng
RT: 5.691 min Scan# 400
Delta R.T. 0.002 min
Lab File: BG048012.D
Acq: 26 Jan 2021 18:32

Tgt Ion:112 Resp: 327413
Ion Ratio Lower Upper
112 100
64 67.8 46.7 70.1
63 39.4 22.8 34.2#

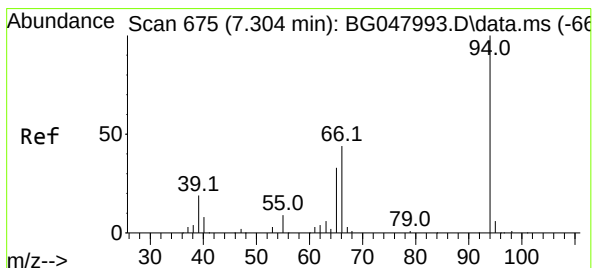
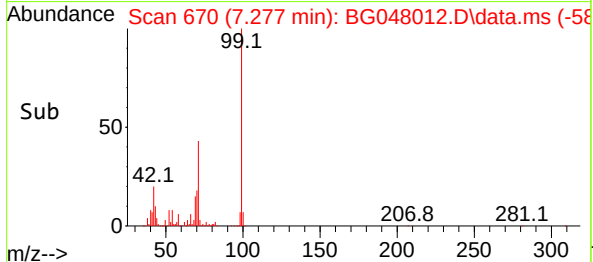
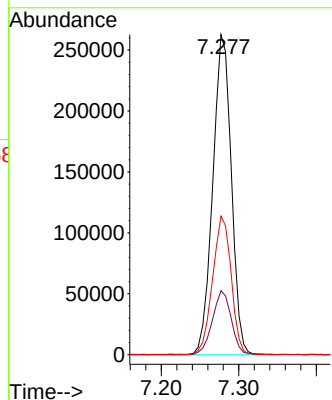
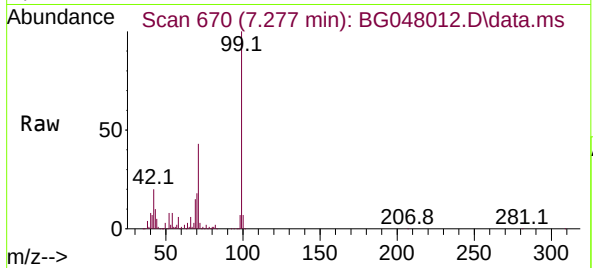




#7
Phenol-d6
Concen: 118.49 ng
RT: 7.277 min Scan# 670
Delta R.T. -0.004 min
Lab File: BG048012.D
Acq: 26 Jan 2021 18:32

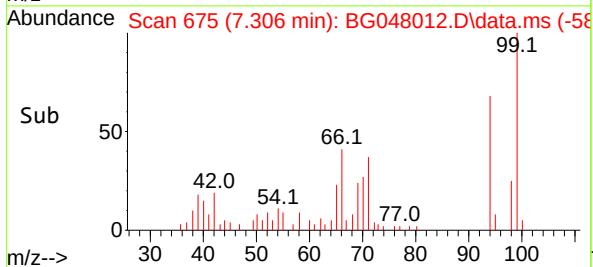
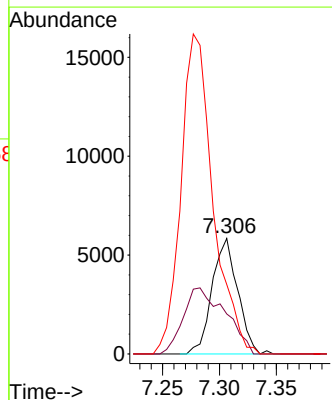
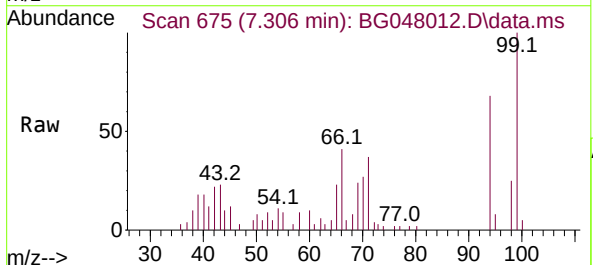
Instrument :
BNA_G
ClientSampleId :
TP-230

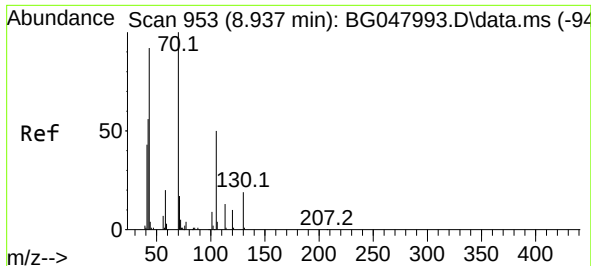
Tgt Ion: 99 Resp: 436495
Ion Ratio Lower Upper
99 100
42 20.0 12.8 19.2#
71 43.3 24.6 36.8#



#10
Phenol
Concen: 2.59 ng
RT: 7.306 min Scan# 675
Delta R.T. 0.002 min
Lab File: BG048012.D
Acq: 26 Jan 2021 18:32

Tgt Ion: 94 Resp: 9155
Ion Ratio Lower Upper
94 100
65 34.6 6.6 46.6
66 60.1 13.9 53.9#

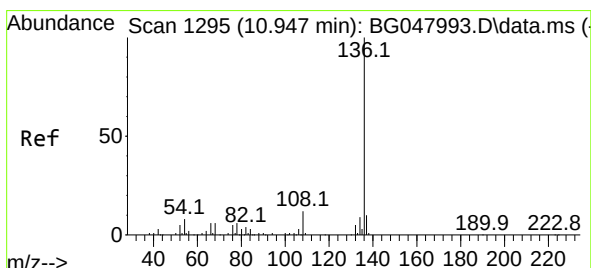
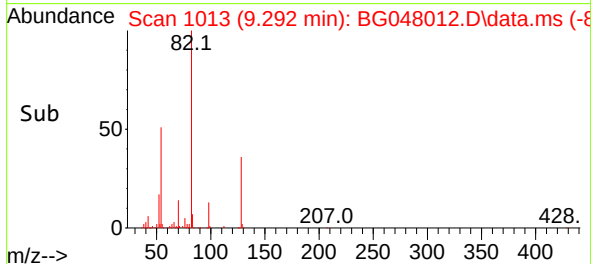
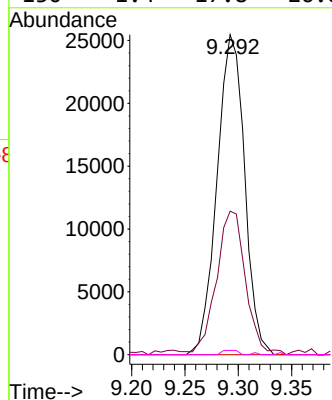
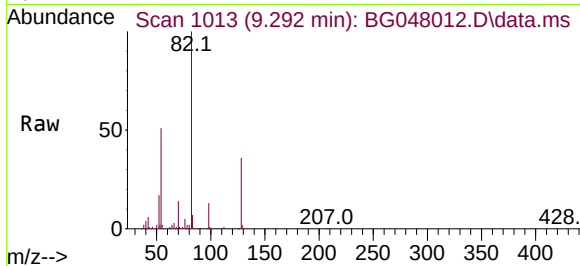




#19
n-Nitroso-di-n-propylamine
Concen: 17.01 ng
RT: 9.292 min Scan# 1013
Delta R.T. 0.355 min
Lab File: BG048012.D
Acq: 26 Jan 2021 18:32

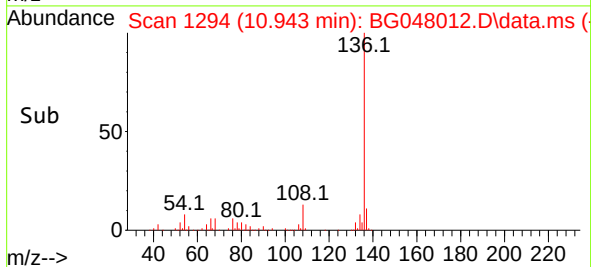
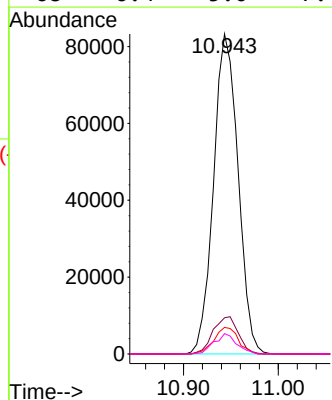
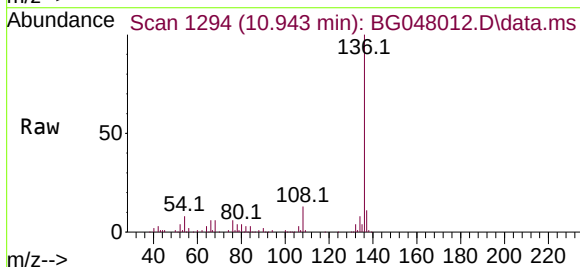
Instrument :
BNA_G
ClientSampleId :
TP-230

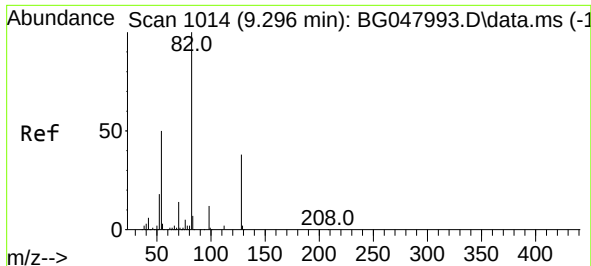
Tgt Ion:	70	Resp:	45745
Ion	Ratio	Lower	Upper
70	100		
42	44.9	45.6	68.4#
101	0.0	8.4	12.6#
130	1.4	17.8	26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.943 min Scan# 1294
Delta R.T. -0.004 min
Lab File: BG048012.D
Acq: 26 Jan 2021 18:32

Tgt Ion:	136	Resp:	149549
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	8.3	6.2	9.4
68	6.4	5.0	7.4

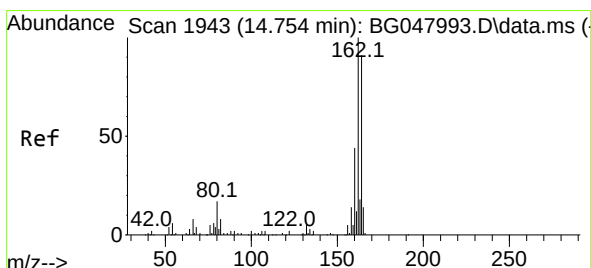
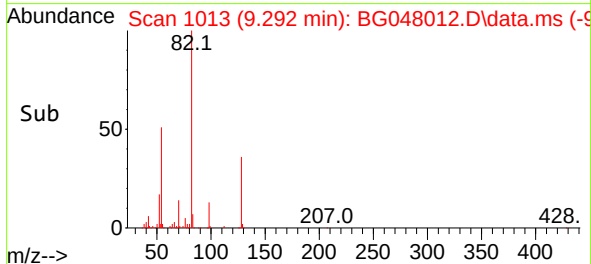
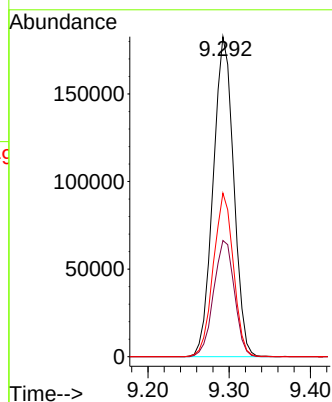
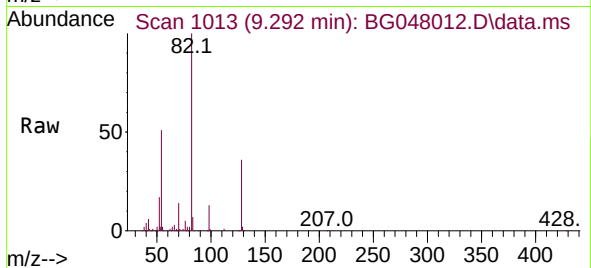




#23
Nitrobenzene-d5
Concen: 84.80 ng
RT: 9.292 min Scan# 1013
Delta R.T. -0.004 min
Lab File: BG048012.D
Acq: 26 Jan 2021 18:32

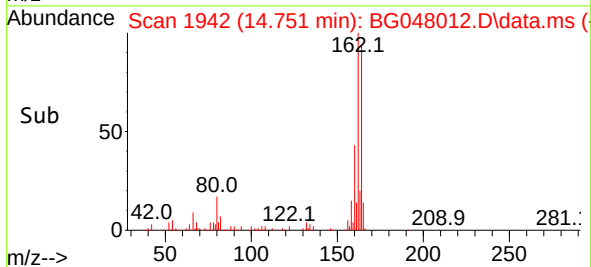
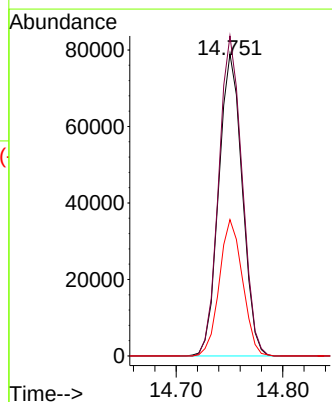
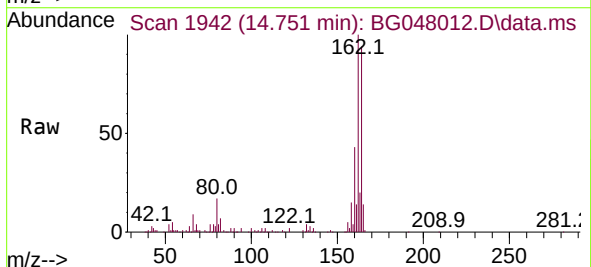
Instrument :
BNA_G
ClientSampleId :
TP-230

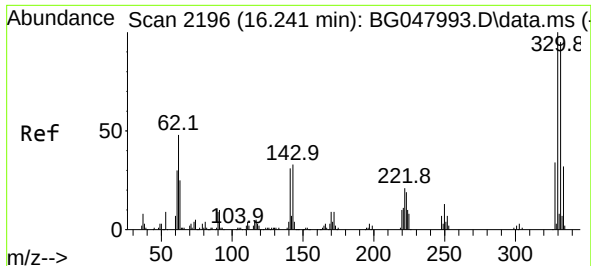
Tgt Ion: 82 Resp: 320525
Ion Ratio Lower Upper
82 100
128 36.3 37.0 55.6#
54 51.1 39.0 58.4



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.751 min Scan# 1942
Delta R.T. -0.004 min
Lab File: BG048012.D
Acq: 26 Jan 2021 18:32

Tgt Ion: 164 Resp: 120593
Ion Ratio Lower Upper
164 100
162 106.0 82.3 123.5
160 45.2 35.3 52.9

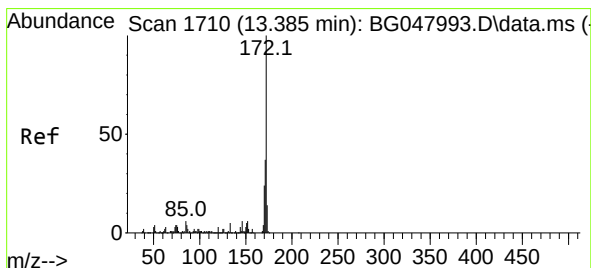
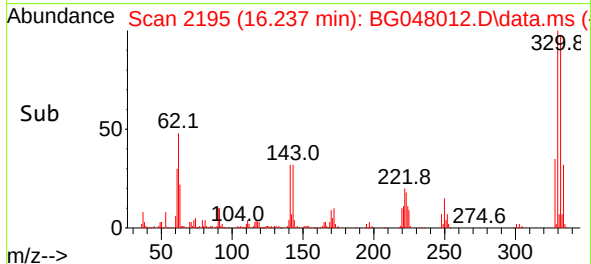
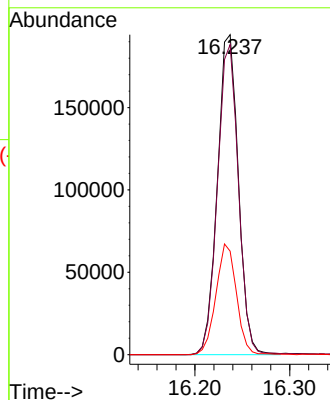
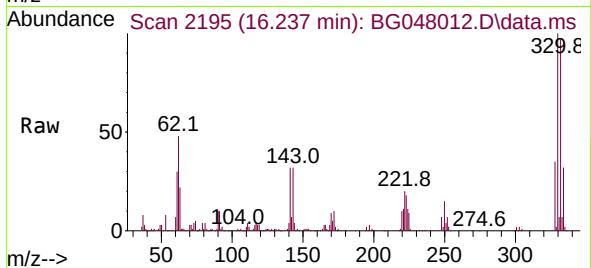




#42
2,4,6-Tribromophenol
Concen: 148.92 ng
RT: 16.237 min Scan# 2195
Delta R.T. -0.004 min
Lab File: BG048012.D
Acq: 26 Jan 2021 18:32

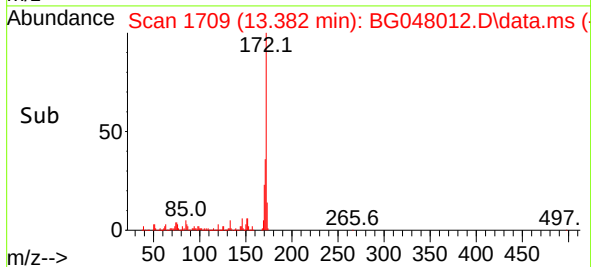
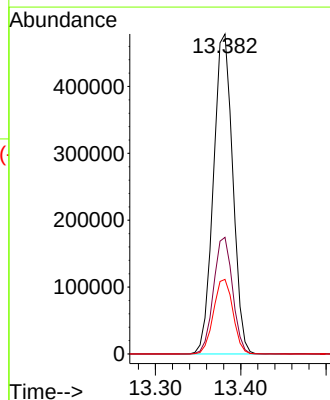
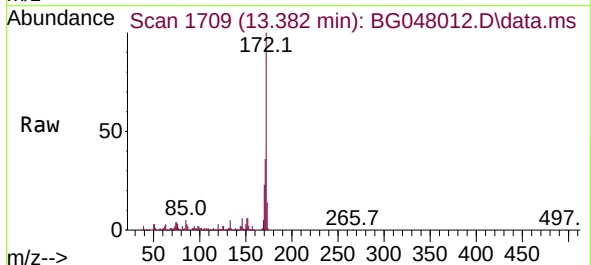
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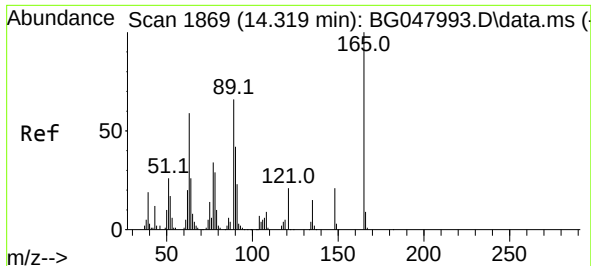
Tgt Ion:330 Resp: 299119
Ion Ratio Lower Upper
330 100
332 97.0 76.5 114.7
141 33.9 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 80.85 ng
RT: 13.382 min Scan# 1709
Delta R.T. -0.004 min
Lab File: BG048012.D
Acq: 26 Jan 2021 18:32

Tgt Ion:172 Resp: 754134
Ion Ratio Lower Upper
172 100
171 36.5 31.3 46.9
170 23.3 20.8 31.2

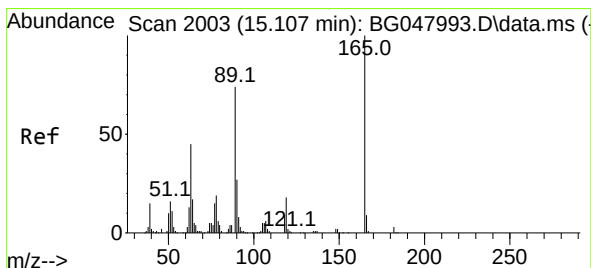
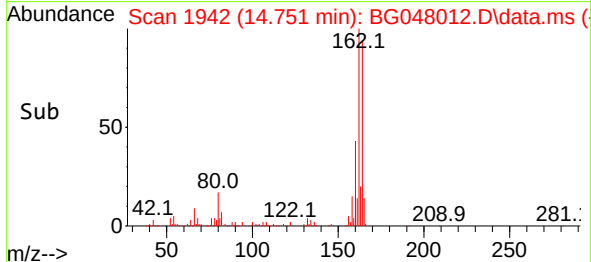
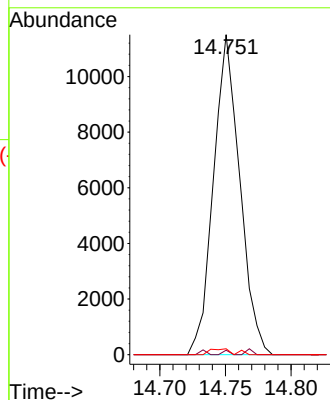
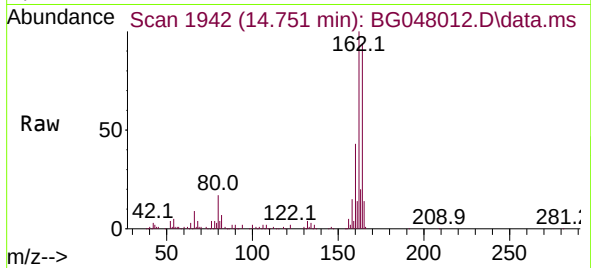




#51
2,6-Dinitrotoluene
Concen: 7.06 ng
RT: 14.751 min Scan# 1942
Delta R.T. 0.431 min
Lab File: BG048012.D
Acq: 26 Jan 2021 18:32

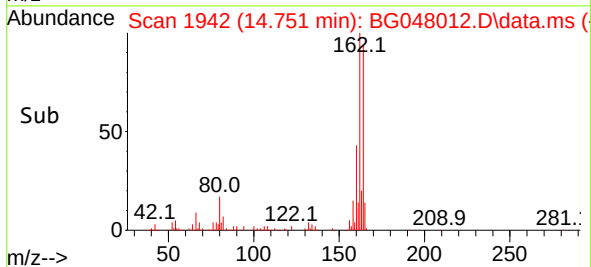
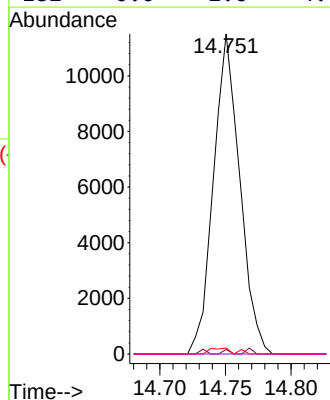
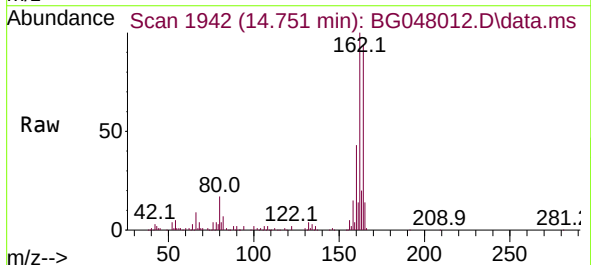
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TP-230

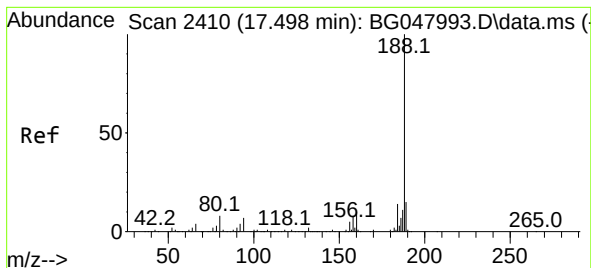
Tgt Ion:165 Resp: 16023
Ion Ratio Lower Upper
165 100
63 1.4 33.7 50.5#
89 1.8 36.6 54.8#



#57
2,4-Dinitrotoluene
Concen: 4.89 ng
RT: 14.751 min Scan# 1942
Delta R.T. -0.356 min
Lab File: BG048012.D
Acq: 26 Jan 2021 18:32

Tgt Ion:165 Resp: 16023
Ion Ratio Lower Upper
165 100
63 1.4 26.4 39.6#
89 1.8 47.8 71.8#
182 0.0 2.6 4.0#

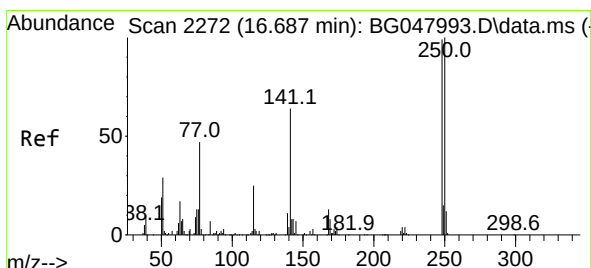
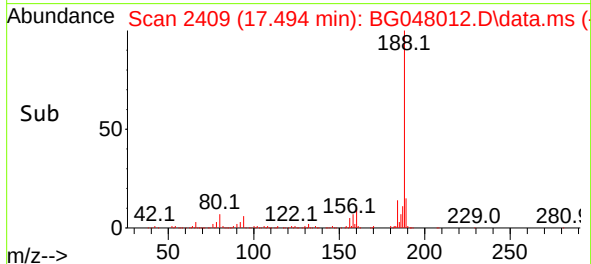
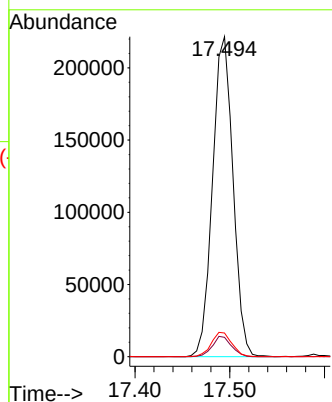
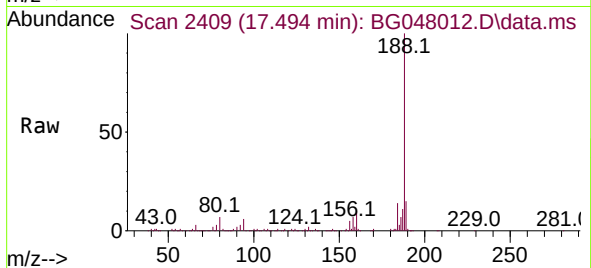




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.494 min Scan# 2409
Delta R.T. -0.004 min
Lab File: BG048012.D
Acq: 26 Jan 2021 18:32

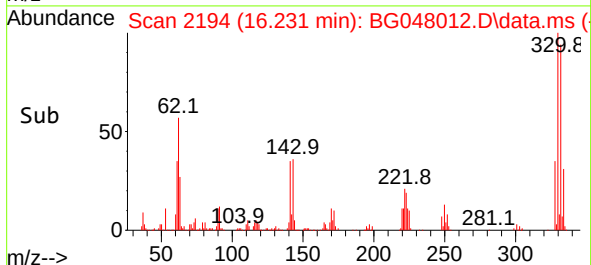
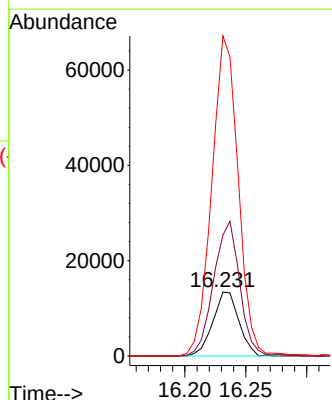
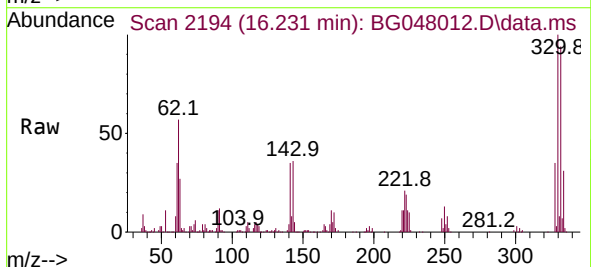
Instrument :
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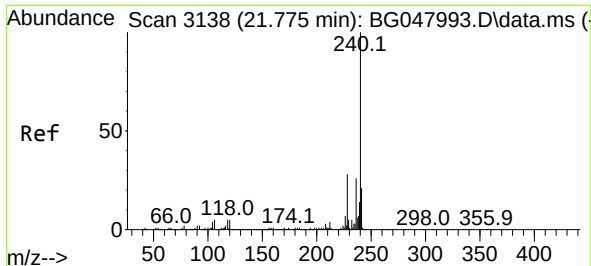
Tgt Ion:188 Resp: 331997
Ion Ratio Lower Upper
188 100
94 6.0 6.3 9.5#
80 7.4 7.0 10.6



#67
4-Bromophenyl-phenylether
Concen: 4.49 ng
RT: 16.231 min Scan# 2194
Delta R.T. -0.456 min
Lab File: BG048012.D
Acq: 26 Jan 2021 18:32

Tgt Ion:248 Resp: 19910
Ion Ratio Lower Upper
248 100
250 189.2 78.9 118.3#
141 501.4 46.2 69.4#

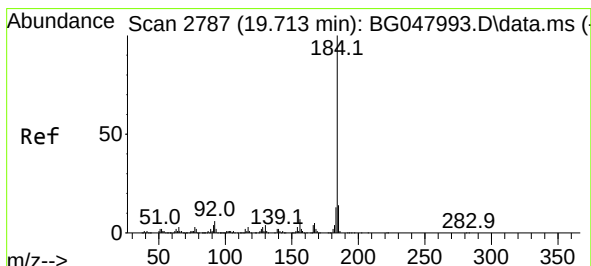
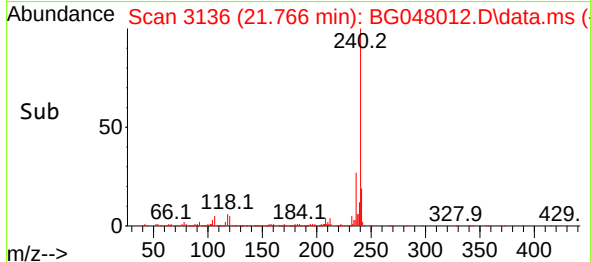
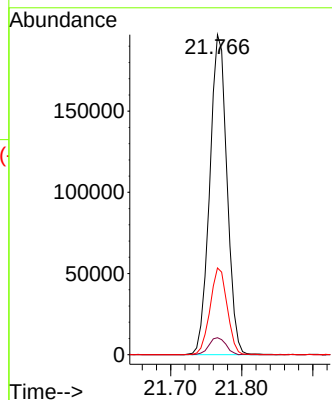
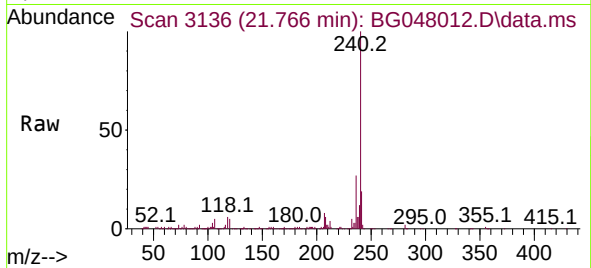




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.766 min Scan# 3136
Delta R.T. -0.009 min
Lab File: BG048012.D
Acq: 26 Jan 2021 18:32

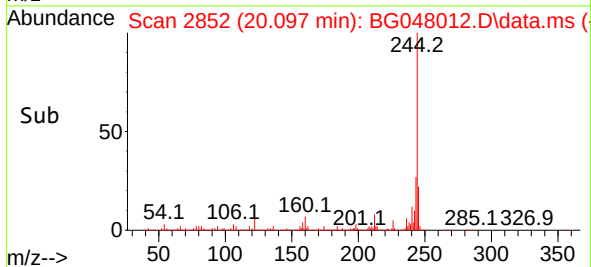
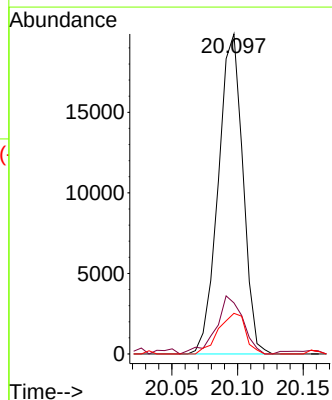
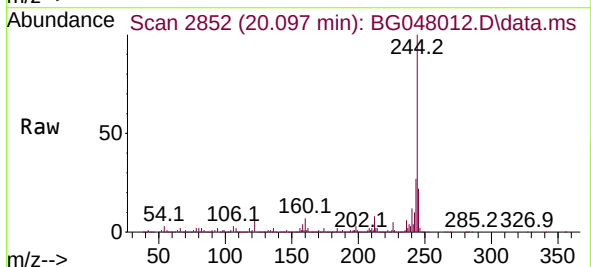
Instrument :
BNA_G
ClientSampleId :
TP-230

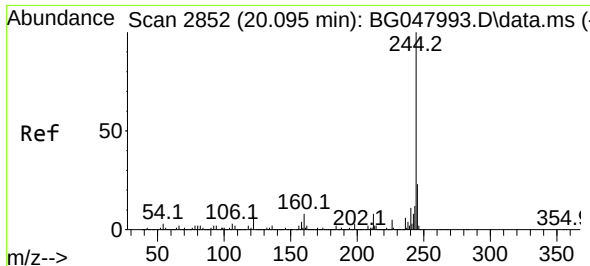
Tgt Ion:240 Resp: 333195
Ion Ratio Lower Upper
240 100
120 5.3 6.2 9.4#
236 27.1 20.5 30.7



#77
Benzidine
Concen: 2.69 ng
RT: 20.097 min Scan# 2852
Delta R.T. 0.384 min
Lab File: BG048012.D
Acq: 26 Jan 2021 18:32

Tgt Ion:184 Resp: 25838
Ion Ratio Lower Upper
184 100
185 16.0 12.4 18.6
183 12.7 10.6 15.8

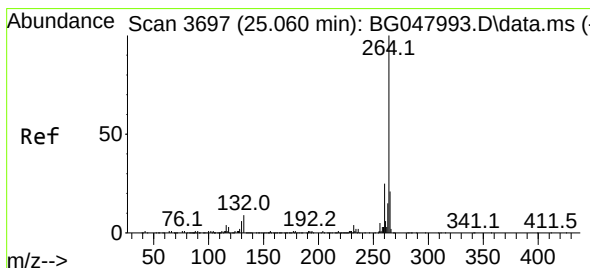
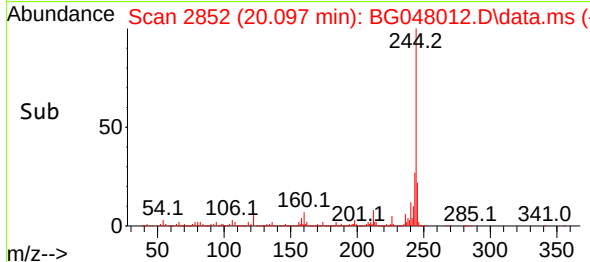
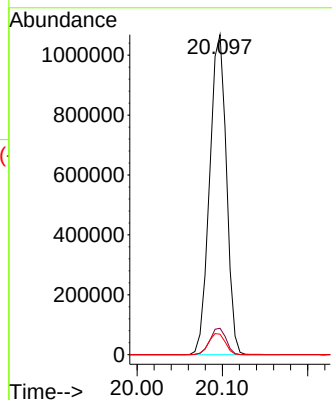
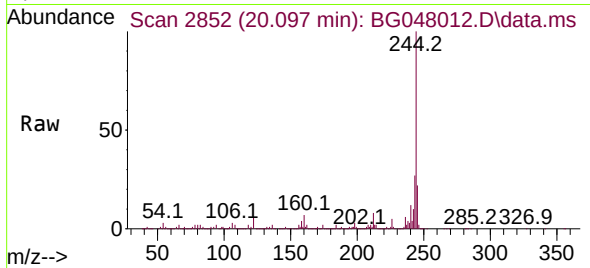




#79
 Terphenyl-d14
 Concen: 76.05 ng
 RT: 20.097 min Scan# 2852
 Delta R.T. 0.002 min
 Lab File: BG048012.D
 Acq: 26 Jan 2021 18:32

Instrument :
 BNA_G
 ClientSampleId :
 TP-230

Tgt Ion:244 Resp: 1461487
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.7 10.1
 122 6.4 7.8 11.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.050 min Scan# 3695
 Delta R.T. -0.009 min
 Lab File: BG048012.D
 Acq: 26 Jan 2021 18:32

Tgt Ion:264 Resp: 331661
 Ion Ratio Lower Upper
 264 100
 260 24.8 18.8 28.2
 265 22.4 17.8 26.8

