

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021121\
 Data File : BG048141.D
 Acq On : 11 Feb 2021 18:33
 Operator : CG/JU
 Sample : M1388-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NAB-210209-MNT-BP25

Quant Time: Feb 11 23:43:07 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 10 17:26:23 2021
 Response via : Initial Calibration

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

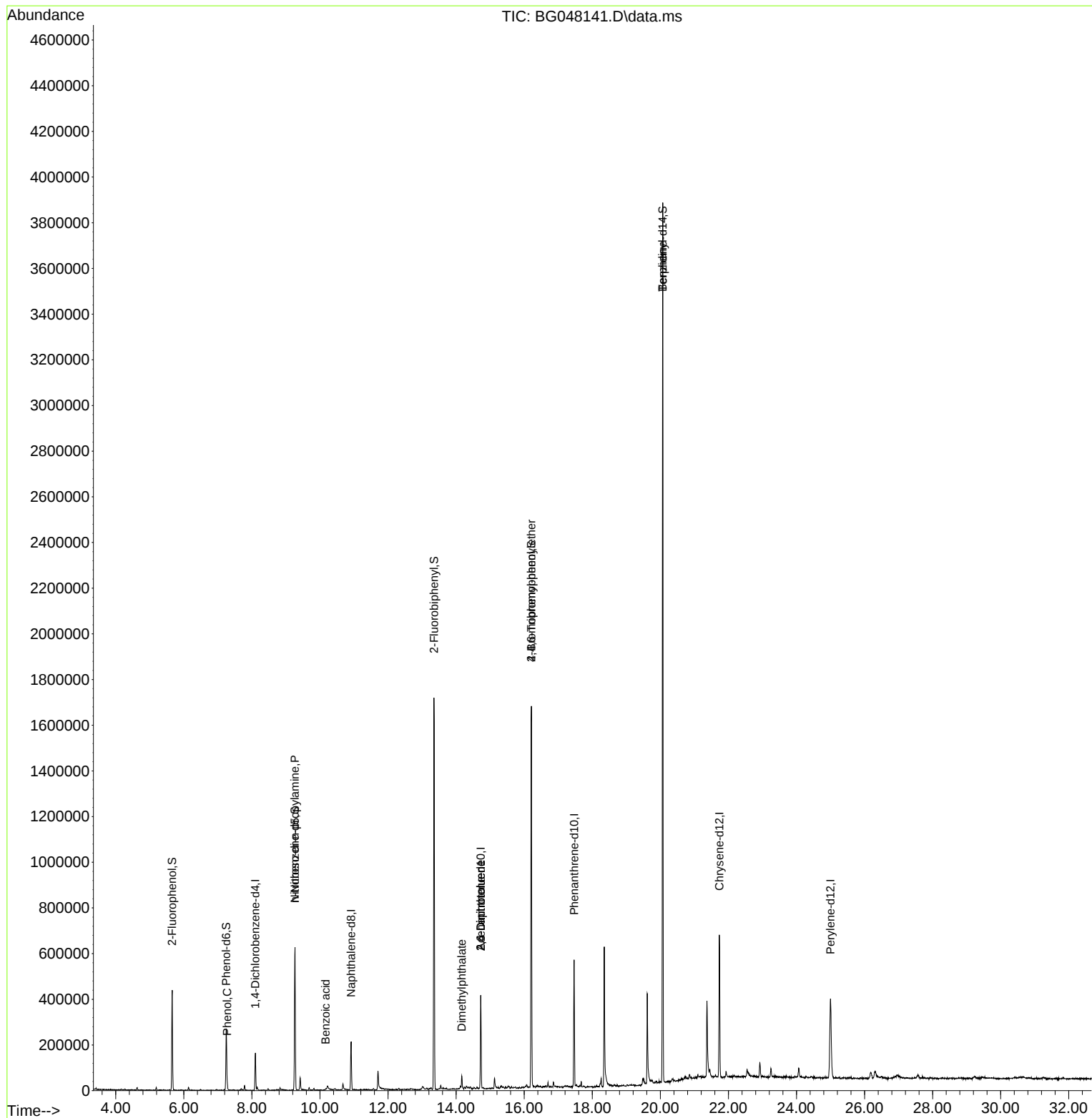
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.103	152	42020	20.00	ng	# 0.00
21) Naphthalene-d8	10.917	136	170057	20.00	ng	0.00
39) Acenaphthene-d10	14.724	164	132385	20.00	ng	0.00
64) Phenanthrene-d10	17.468	188	350339	20.00	ng	# 0.00
76) Chrysene-d12	21.734	240	382691	20.00	ng	# 0.00
86) Perylene-d12	25.001	264	382590	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.659	112	174709	70.77	ng	0.00
7) Phenol-d6	7.245	99	142910	38.10	ng	0.00
23) Nitrobenzene-d5	9.266	82	380440	94.63	ng	0.00
42) 2,4,6-Tribromophenol	16.211	330	321957	152.05	ng	0.00
45) 2-Fluorobiphenyl	13.350	172	883244	93.54	ng	0.00
79) Terphenyl-d14	20.071	244	1589607	75.90	ng	0.00
Target Compounds						
10) Phenol	7.274	94	12709	3.35	ng	Qvalue 84
19) n-Nitroso-di-n-propyla...	9.266	70	54638	18.87	ng	# 81
32) Benzoic acid	10.165	122	1673	4.95	ng	90
50) Dimethylphthalate	14.166	163	33470	3.02	ng	# 98
51) 2,6-Dinitrotoluene	14.724	165	18365	7.38	ng	# 37
57) 2,4-Dinitrotoluene	14.724	165	18365	5.11	ng	# 35
67) 4-Bromophenyl-phenylether	16.211	248	23520	5.24	ng	# 1
77) Benzidine	20.071	184	30335	2.43	ng	# 84

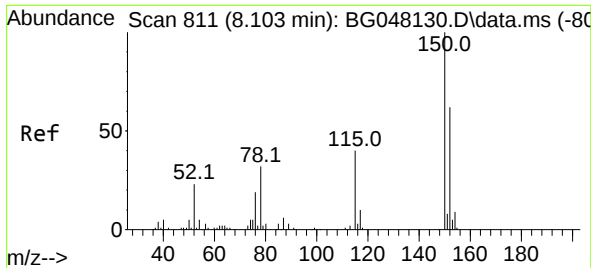
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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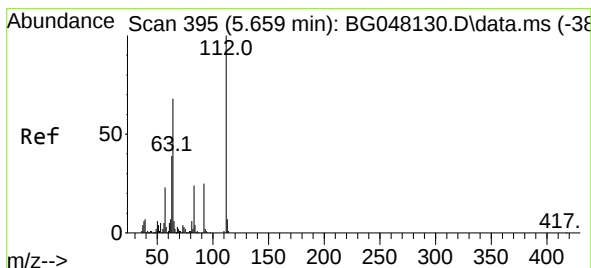
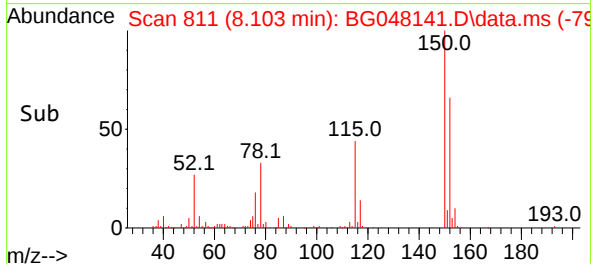
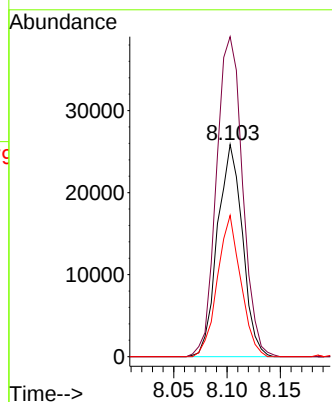
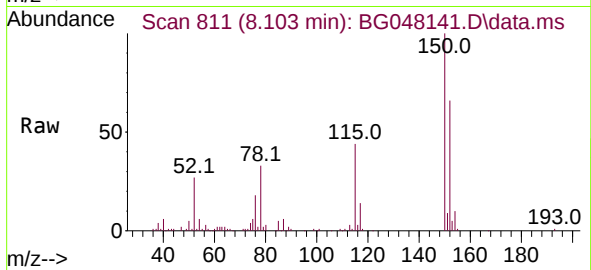




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.103 min Scan# 811
Delta R.T. -0.000 min
Lab File: BG048141.D
Acq: 11 Feb 2021 18:33

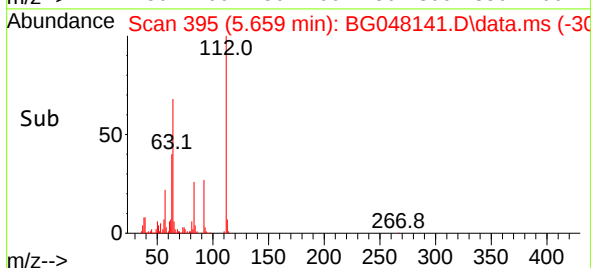
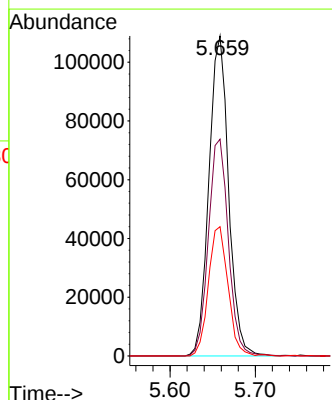
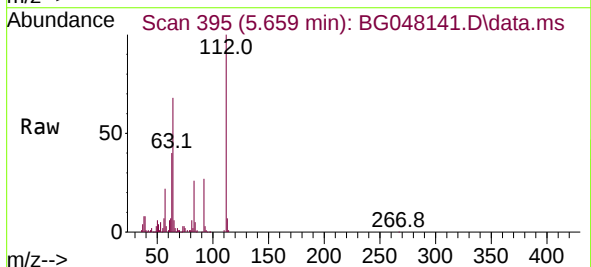
Instrument :
BNA_G
ClientSampleId :
NAB-210209-MNT-BP25

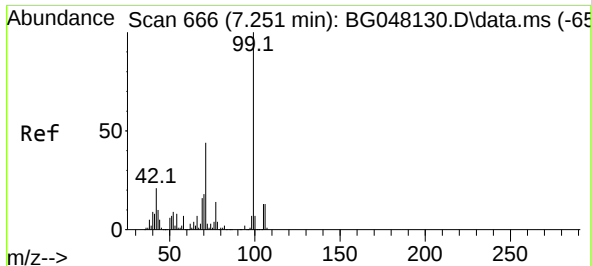
Tgt Ion:152 Resp: 42020
Ion Ratio Lower Upper
152 100
150 150.8 125.0 187.6
115 66.6 41.8 62.6#



#5
2-Fluorophenol
Concen: 70.77 ng
RT: 5.659 min Scan# 395
Delta R.T. -0.001 min
Lab File: BG048141.D
Acq: 11 Feb 2021 18:33

Tgt Ion:112 Resp: 174709
Ion Ratio Lower Upper
112 100
64 67.8 46.7 70.1
63 40.4 22.8 34.2#

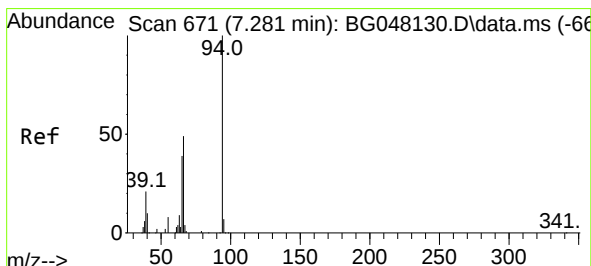
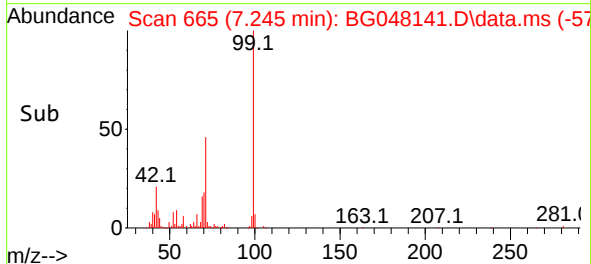
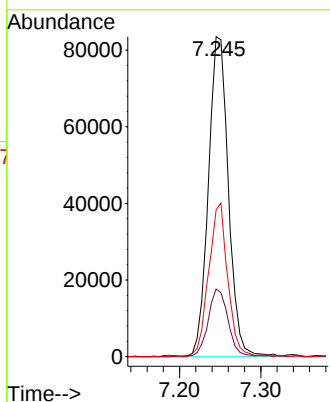
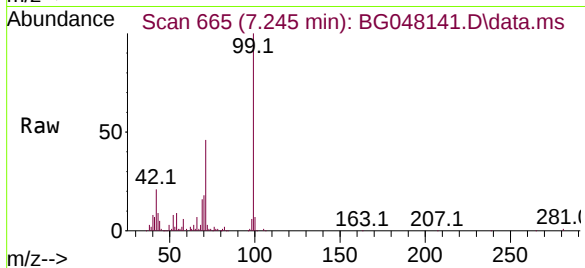




#7
Phenol-d6
Concen: 38.10 ng
RT: 7.245 min Scan# 665
Delta R.T. -0.006 min
Lab File: BG048141.D
Acq: 11 Feb 2021 18:33

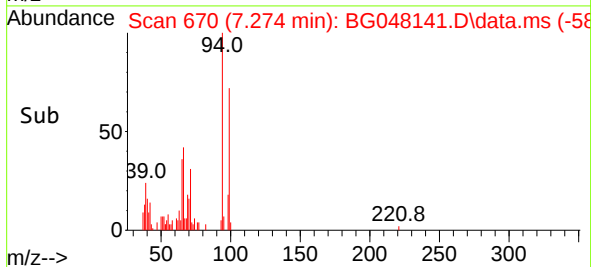
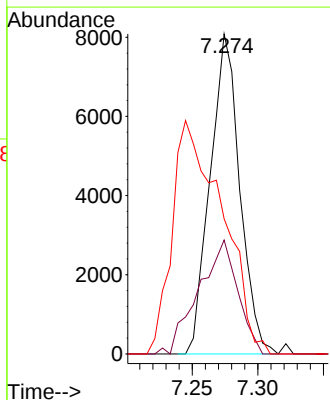
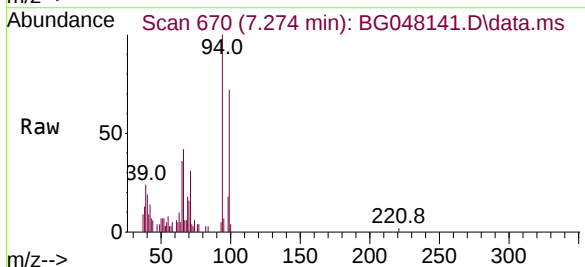
Instrument :
BNA_G
ClientSampleId :
NAB-210209-MNT-BP25

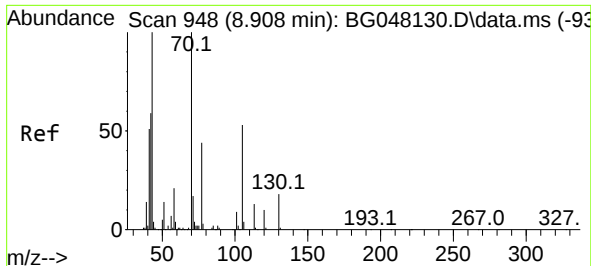
Tgt Ion: 99 Resp: 142910
Ion Ratio Lower Upper
99 100
42 21.1 12.8 19.2#
71 45.9 24.6 36.8#



#10
Phenol
Concen: 3.35 ng
RT: 7.274 min Scan# 670
Delta R.T. -0.006 min
Lab File: BG048141.D
Acq: 11 Feb 2021 18:33

Tgt Ion: 94 Resp: 12709
Ion Ratio Lower Upper
94 100
65 35.6 6.6 46.6
66 42.3 13.9 53.9

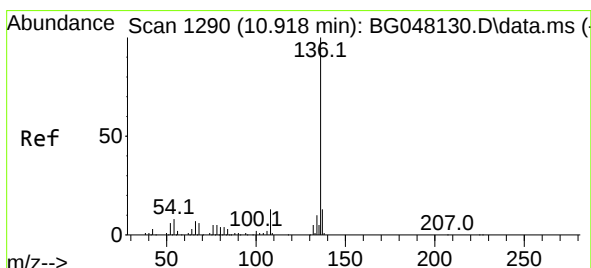
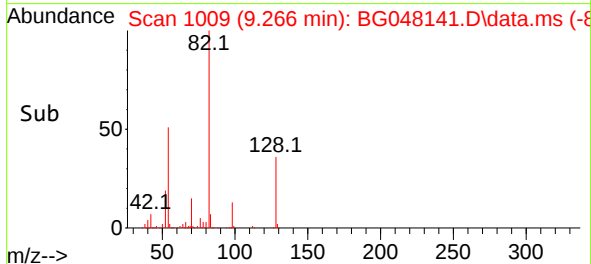
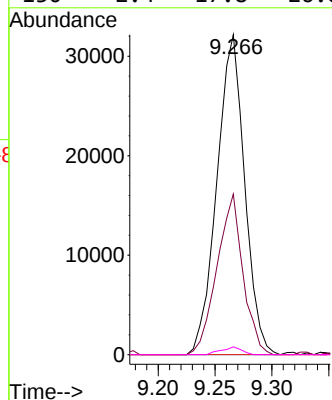
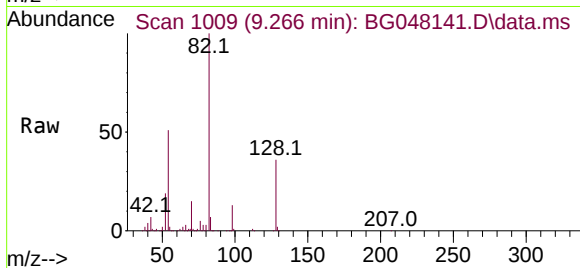




#19
n-Nitroso-di-n-propylamine
Concen: 18.87 ng
RT: 9.266 min Scan# 1009
Delta R.T. 0.358 min
Lab File: BG048141.D
Acq: 11 Feb 2021 18:33

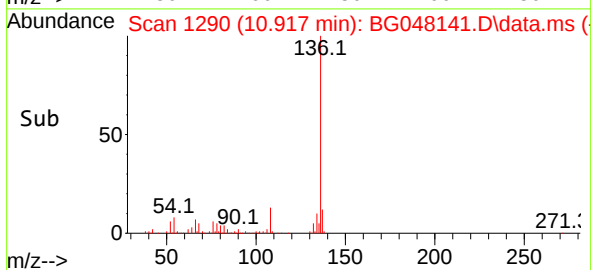
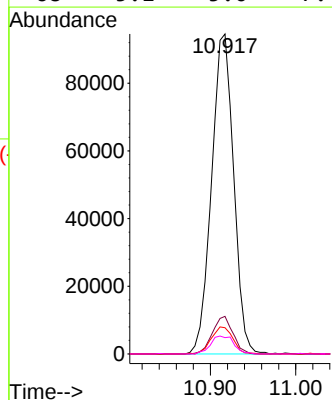
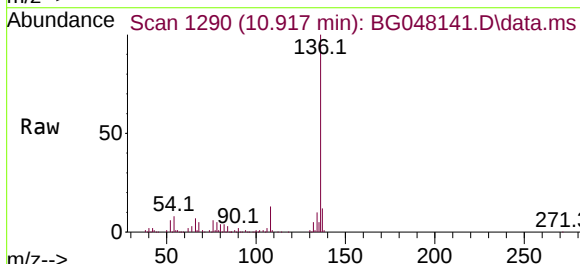
Instrument :
BNA_G
ClientSampleId :
NAB-210209-MNT-BP25

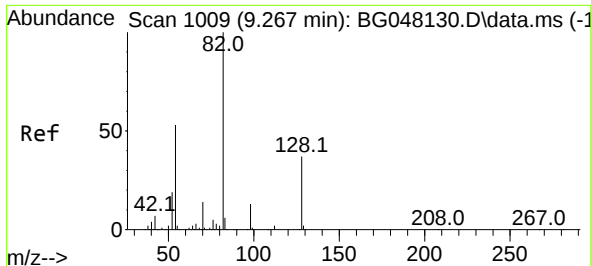
Tgt Ion: 70	Resp: 54638
Ion Ratio	Lower Upper
70 100	
42 50.2	45.6 68.4
101 0.0	8.4 12.6#
130 2.4	17.8 26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.917 min Scan# 1290
Delta R.T. -0.001 min
Lab File: BG048141.D
Acq: 11 Feb 2021 18:33

Tgt Ion: 136	Resp: 170057
Ion Ratio	Lower Upper
136 100	
137 11.8	9.1 13.7
54 8.2	6.2 9.4
68 5.1	5.0 7.4

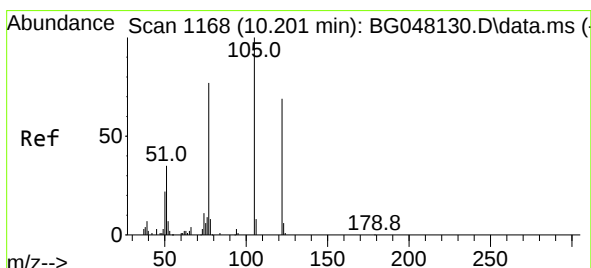
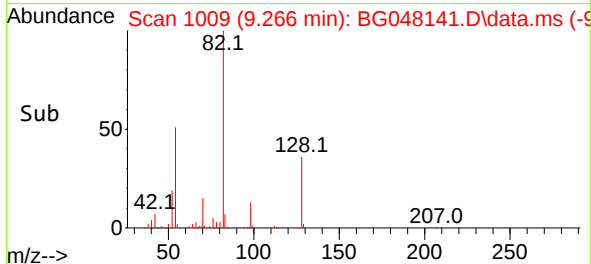
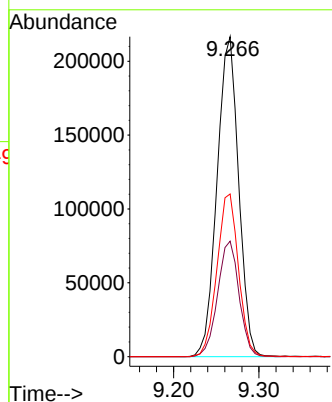
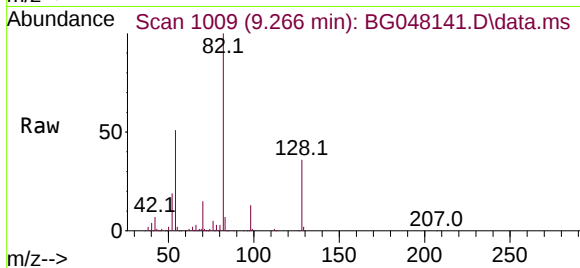




#23
Nitrobenzene-d5
Concen: 94.63 ng
RT: 9.266 min Scan# 1009
Delta R.T. -0.001 min
Lab File: BG048141.D
Acq: 11 Feb 2021 18:33

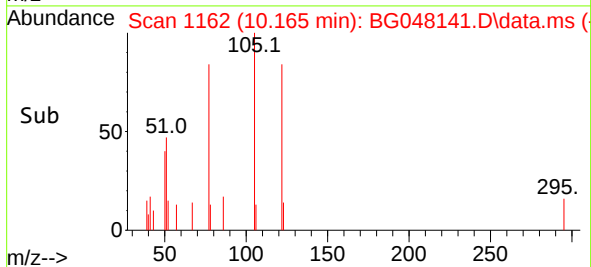
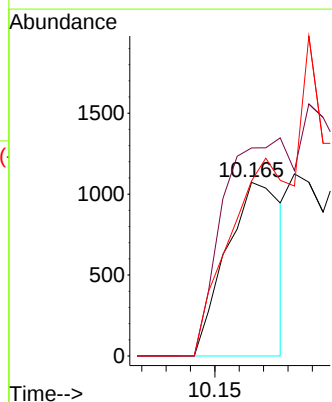
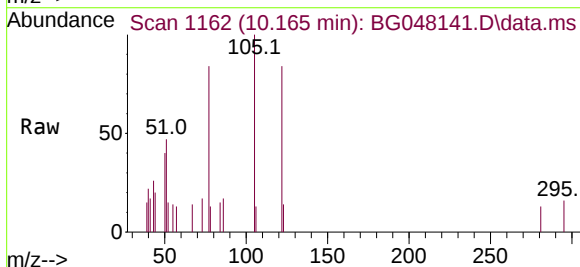
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BNA_G
ClientSampleId :
NAB-210209-MNT-BP25

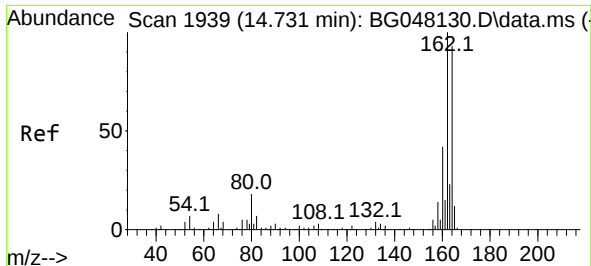
Tgt Ion: 82 Resp: 380440
Ion Ratio Lower Upper
82 100
128 36.1 37.0 55.6#
54 50.9 39.0 58.4



#32
Benzoic acid
Concen: 4.95 ng
RT: 10.165 min Scan# 1162
Delta R.T. -0.036 min
Lab File: BG048141.D
Acq: 11 Feb 2021 18:33

Tgt Ion:122 Resp: 1673
Ion Ratio Lower Upper
122 100
105 119.8 103.7 143.7
77 100.8 63.0 103.0

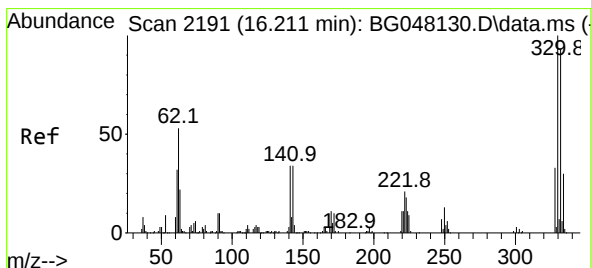
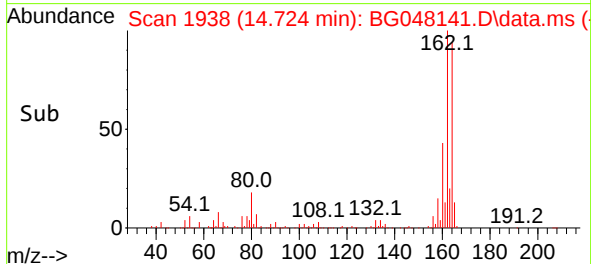
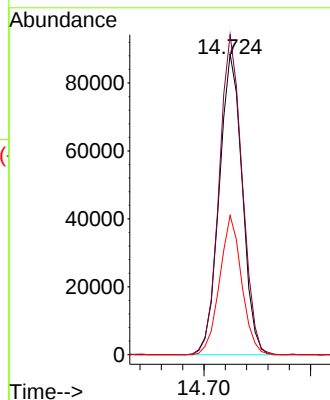
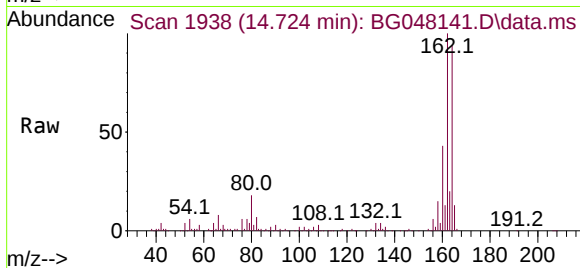




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.724 min Scan# 1938
Delta R.T. -0.006 min
Lab File: BG048141.D
Acq: 11 Feb 2021 18:33

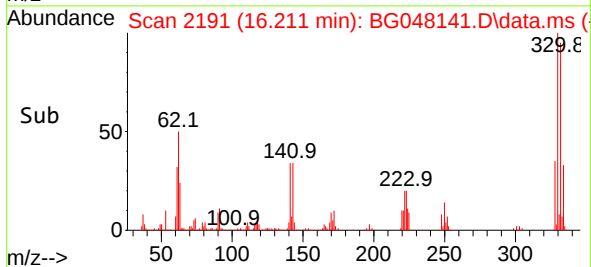
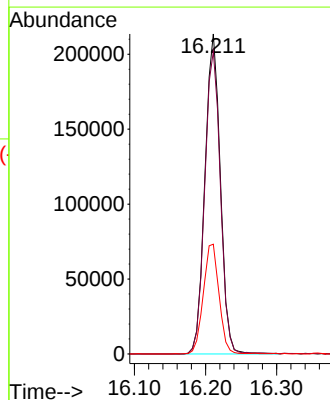
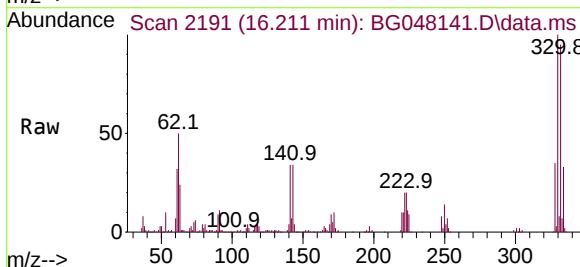
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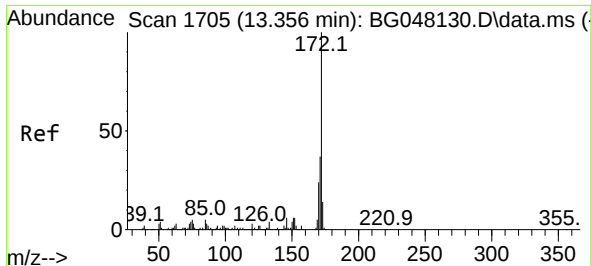
Tgt Ion:164 Resp: 132385
Ion Ratio Lower Upper
164 100
162 106.5 82.3 123.5
160 46.3 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 152.05 ng
RT: 16.211 min Scan# 2191
Delta R.T. -0.001 min
Lab File: BG048141.D
Acq: 11 Feb 2021 18:33

Tgt Ion:330 Resp: 321957
Ion Ratio Lower Upper
330 100
332 95.9 76.5 114.7
141 35.0 26.0 39.0

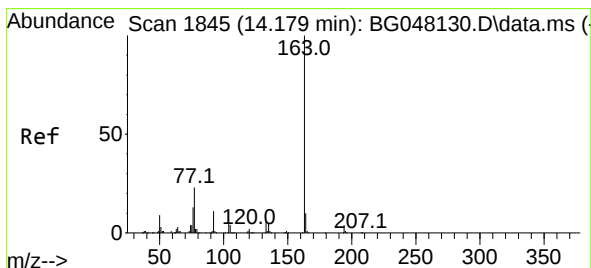
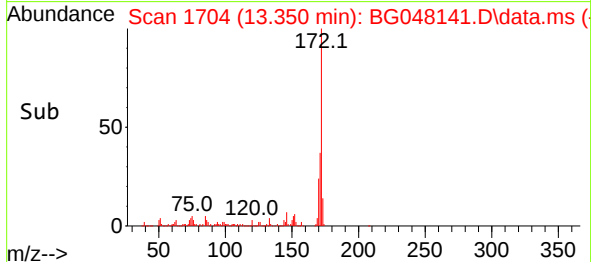
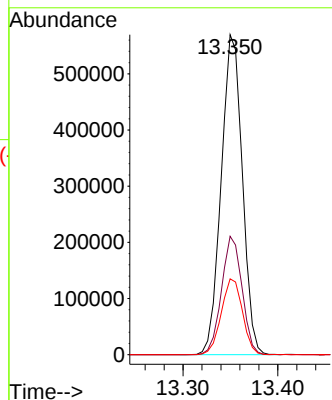
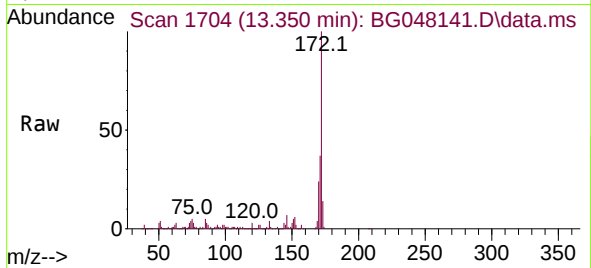




#45
2-Fluorobiphenyl
Concen: 93.54 ng
RT: 13.350 min Scan# 1704
Delta R.T. -0.006 min
Lab File: BG048141.D
Acq: 11 Feb 2021 18:33

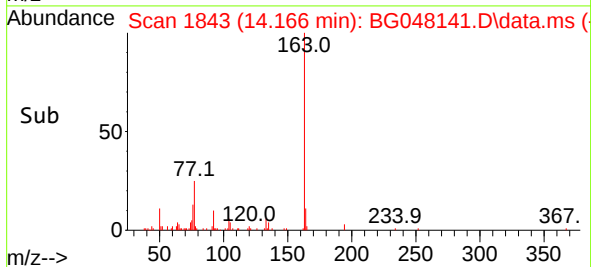
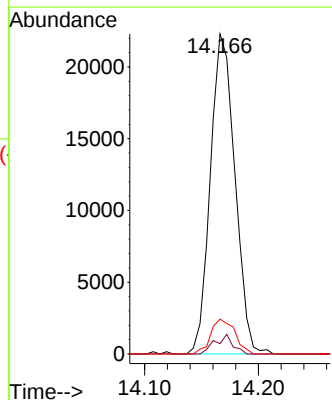
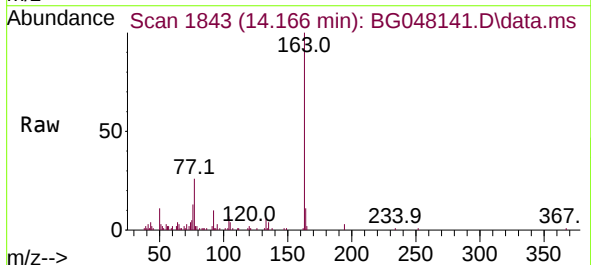
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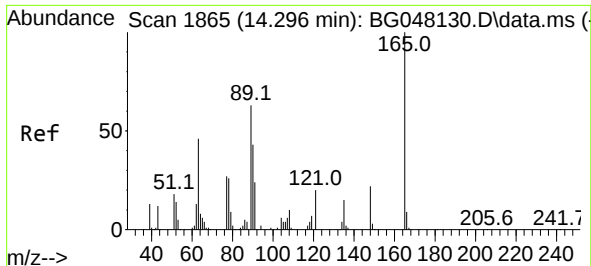
Tgt Ion:172 Resp: 883244
Ion Ratio Lower Upper
172 100
171 37.0 31.3 46.9
170 23.7 20.8 31.2



#50
Dimethylphthalate
Concen: 3.02 ng
RT: 14.166 min Scan# 1843
Delta R.T. -0.012 min
Lab File: BG048141.D
Acq: 11 Feb 2021 18:33

Tgt Ion:163 Resp: 33470
Ion Ratio Lower Upper
163 100
194 3.2 3.8 5.8#
164 10.9 8.8 13.2

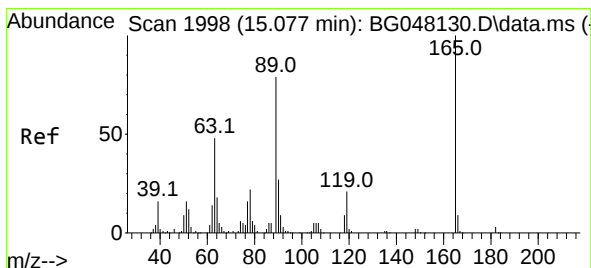
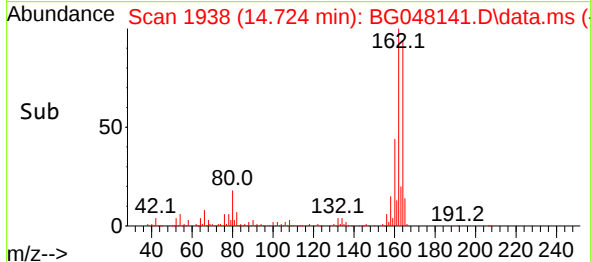
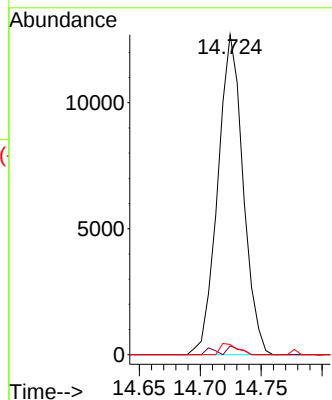
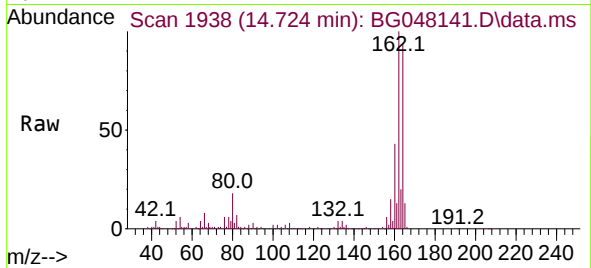




#51
2,6-Dinitrotoluene
Concen: 7.38 ng
RT: 14.724 min Scan# 1938
Delta R.T. 0.428 min
Lab File: BG048141.D
Acq: 11 Feb 2021 18:33

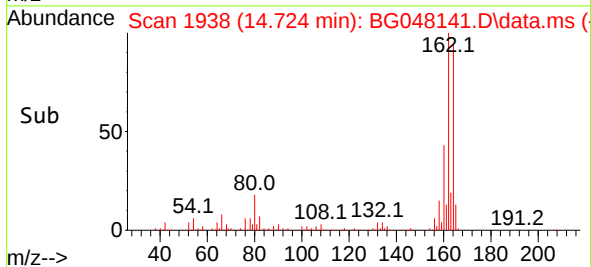
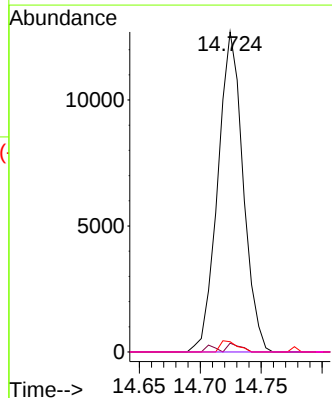
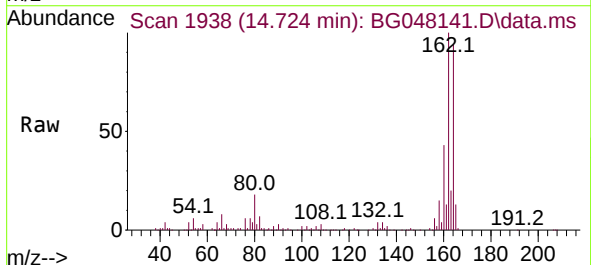
Instrument :
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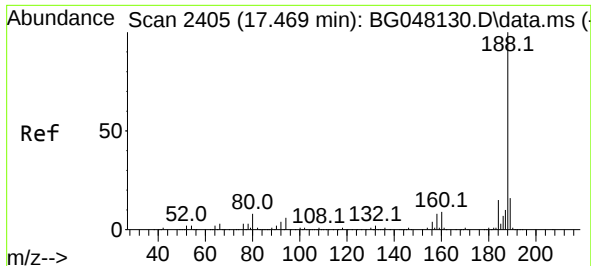
Tgt Ion:165 Resp: 18365
Ion Ratio Lower Upper
165 100
63 2.8 33.7 50.5#
89 3.2 36.6 54.8#



#57
2,4-Dinitrotoluene
Concen: 5.11 ng
RT: 14.724 min Scan# 1938
Delta R.T. -0.353 min
Lab File: BG048141.D
Acq: 11 Feb 2021 18:33

Tgt Ion:165 Resp: 18365
Ion Ratio Lower Upper
165 100
63 2.8 26.4 39.6#
89 3.2 47.8 71.8#
182 0.0 2.6 4.0#

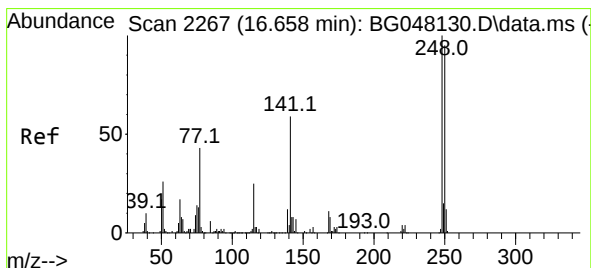
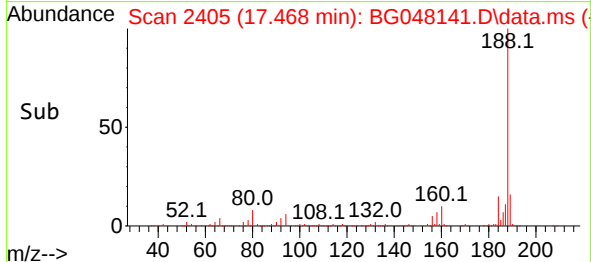
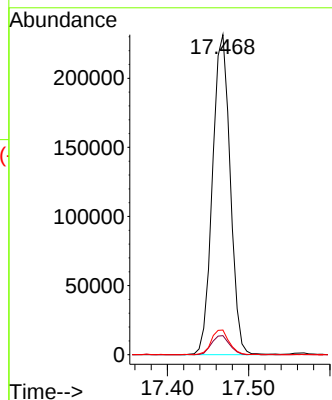
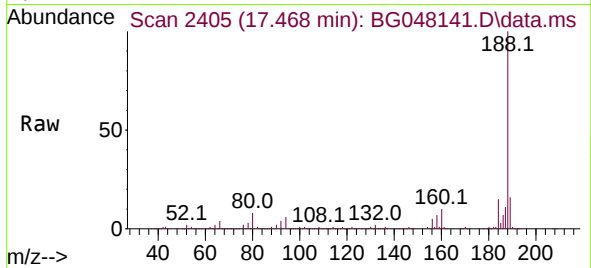




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.468 min Scan# 2405
Delta R.T. -0.000 min
Lab File: BG048141.D
Acq: 11 Feb 2021 18:33

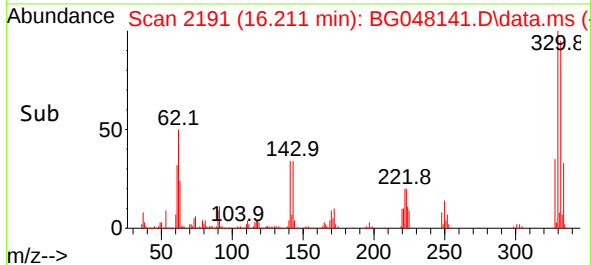
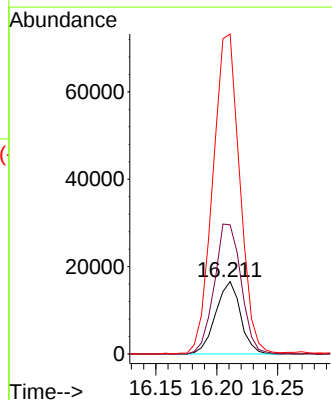
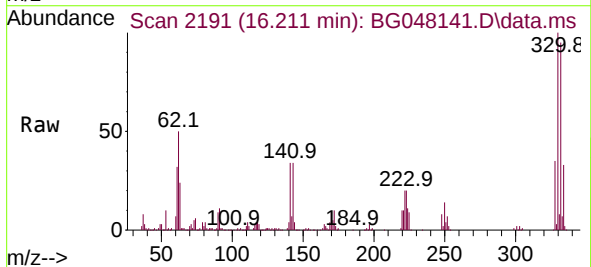
Instrument :
BNA_G
ClientSampleId :
NAB-210209-MNT-BP25

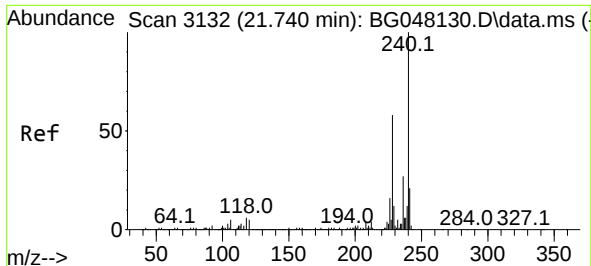
Tgt Ion:188 Resp: 350339
Ion Ratio Lower Upper
188 100
94 5.9 6.3 9.5#
80 7.7 7.0 10.6



#67
4-Bromophenyl-phenylether
Concen: 5.24 ng
RT: 16.211 min Scan# 2191
Delta R.T. -0.447 min
Lab File: BG048141.D
Acq: 11 Feb 2021 18:33

Tgt Ion:248 Resp: 23520
Ion Ratio Lower Upper
248 100
250 178.5 78.9 118.3#
141 442.4 46.2 69.4#

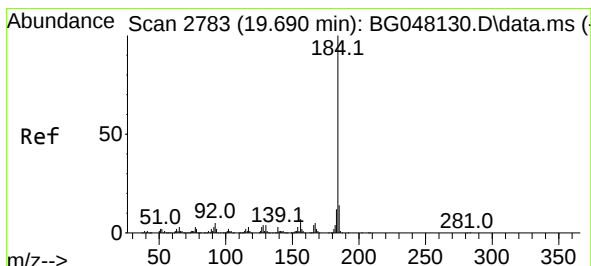
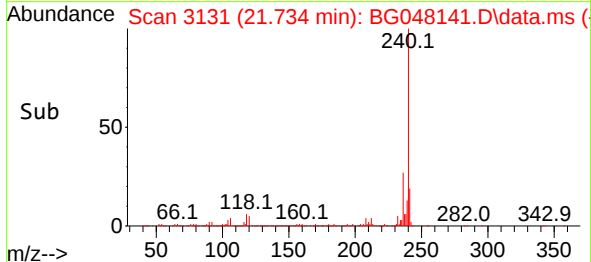
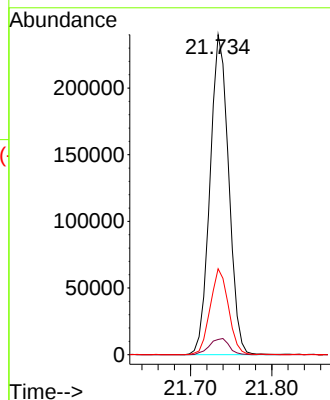
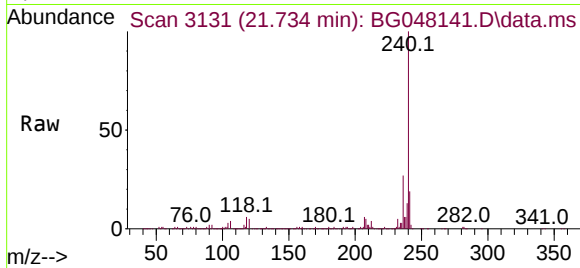




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.734 min Scan# 3131
Delta R.T. -0.006 min
Lab File: BG048141.D
Acq: 11 Feb 2021 18:33

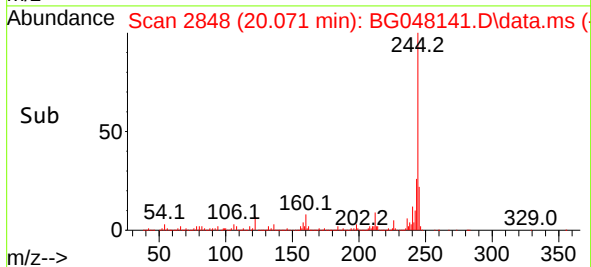
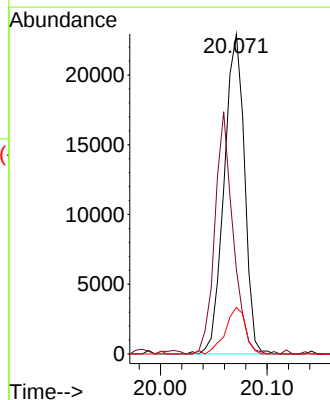
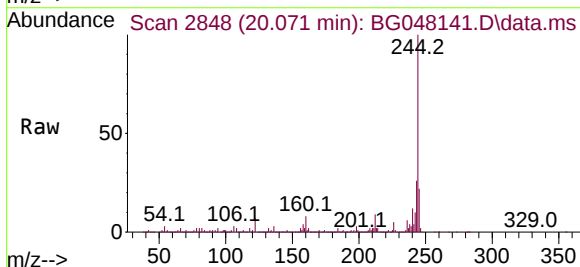
Instrument :
BNA_G
ClientSampleId :
NAB-210209-MNT-BP25

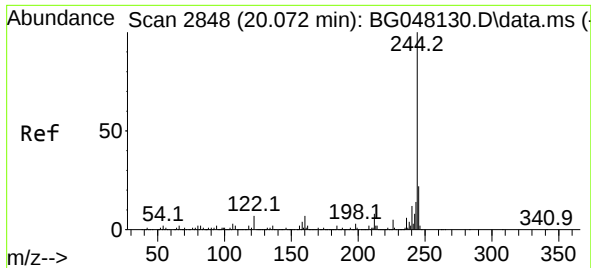
Tgt Ion:240 Resp: 382691
Ion Ratio Lower Upper
240 100
120 4.7 6.2 9.4#
236 26.9 20.5 30.7



#77
Benzidine
Concen: 2.43 ng
RT: 20.071 min Scan# 2848
Delta R.T. 0.381 min
Lab File: BG048141.D
Acq: 11 Feb 2021 18:33

Tgt Ion:184 Resp: 30335
Ion Ratio Lower Upper
184 100
185 26.4 12.4 18.6#
183 14.5 10.6 15.8

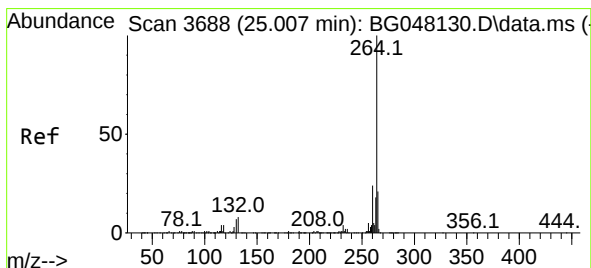
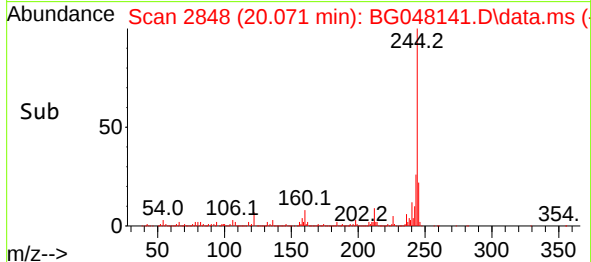
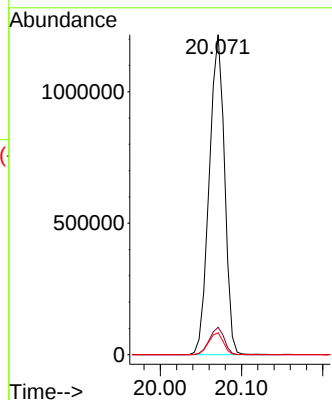
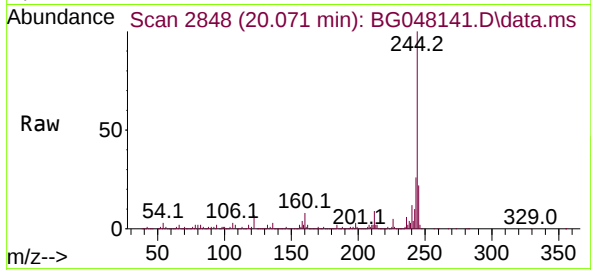




#79
 Terphenyl-d14
 Concen: 75.90 ng
 RT: 20.071 min Scan# 2848
 Delta R.T. -0.000 min
 Lab File: BG048141.D
 Acq: 11 Feb 2021 18:33

Instrument :
 BNA_G
 ClientSampleId :
 NAB-210209-MNT-BP25

Tgt Ion:244 Resp: 1589607
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.7 10.1
 122 6.8 7.8 11.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.001 min Scan# 3687
 Delta R.T. -0.006 min
 Lab File: BG048141.D
 Acq: 11 Feb 2021 18:33

Tgt Ion:264 Resp: 382590
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.8 28.2
 265 21.6 17.8 26.8

