

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101220\
 Data File : BG046870.D
 Acq On : 13 Oct 2020 9:54
 Operator : CG/JU
 Sample : L4316-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 26414

Quant Time: Oct 13 11:06:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 07 11:38:17 2020
 Response via : Initial Calibration

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

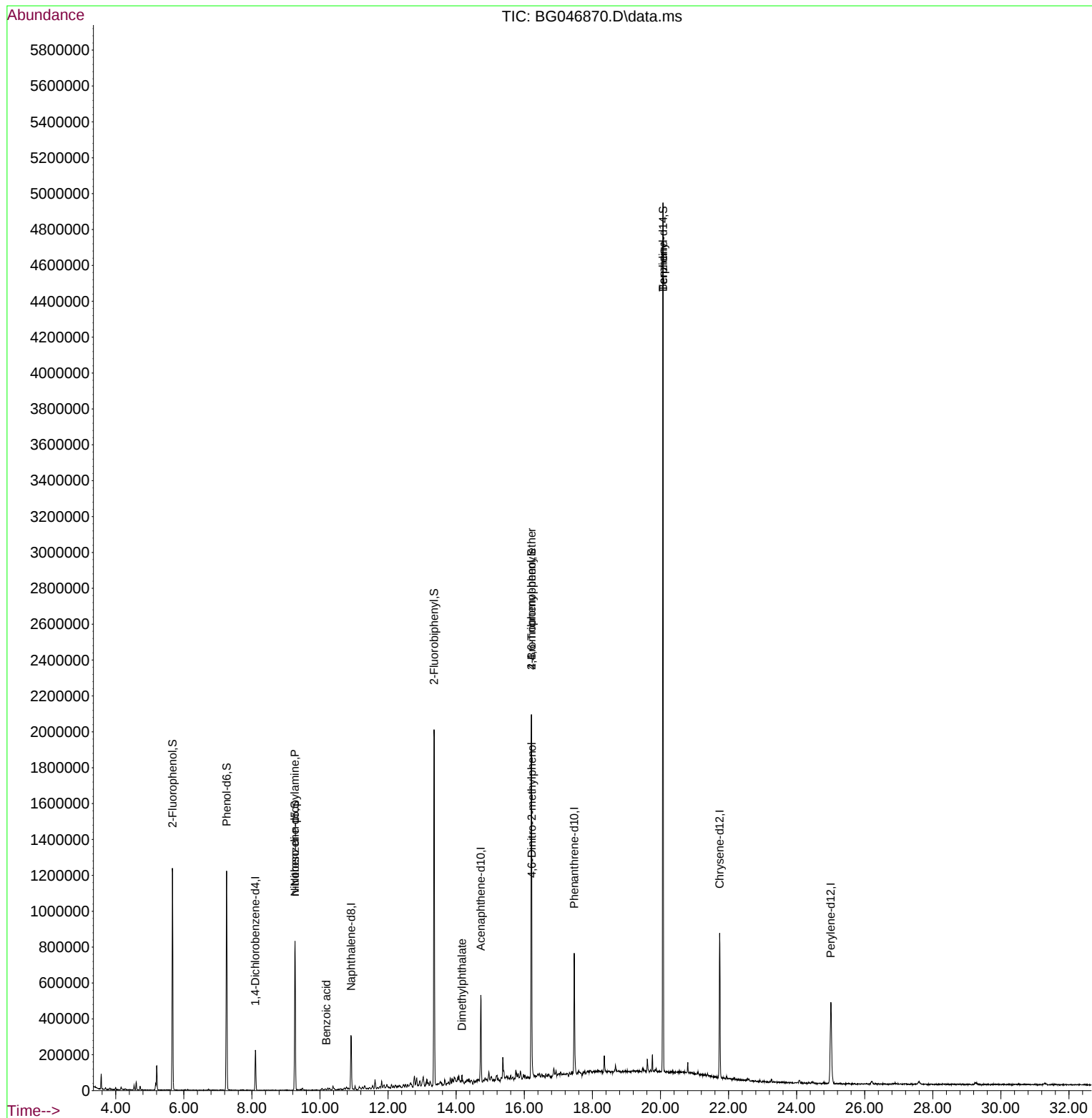
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.103	152	60187	20.00	ng	0.00
21) Naphthalene-d8	10.912	136	234374	20.00	ng	-0.01
39) Acenaphthene-d10	14.725	164	162251	20.00	ng	-0.01
64) Phenanthrene-d10	17.469	188	430134	20.00	ng	#-0.01
76) Chrysene-d12	21.740	240	511363	20.00	ng	#-0.02
86) Perylene-d12	25.007	264	504375	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.671	112	505916	134.66	ng	0.00
7) Phenol-d6	7.257	99	652545	123.14	ng	0.00
23) Nitrobenzene-d5	9.266	82	486443	110.42	ng	0.00
42) 2,4,6-Tribromophenol	16.211	330	400891	187.39	ng	0.00
45) 2-Fluorobiphenyl	13.350	172	1052200	91.81	ng	-0.01
79) Terphenyl-d14	20.077	244	2104434	82.48	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.257	77	1451	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	9.266	70	71180	19.59	ng	# 79
32) Benzoic acid	10.189	122	196	6.41	ng	# 9
50) Dimethylphthalate	14.172	163	32658	2.52	ng	# 99
65) 4,6-Dinitro-2-methylph...	16.223	198	4233	2.37	ng	77
67) 4-Bromophenyl-phenylether	16.211	248	28018	5.16	ng	# 1
77) Benzidine	20.077	184	38810	2.46	ng	95

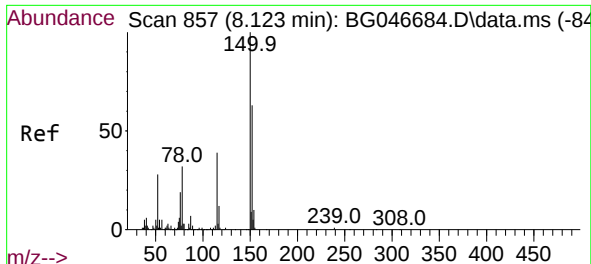
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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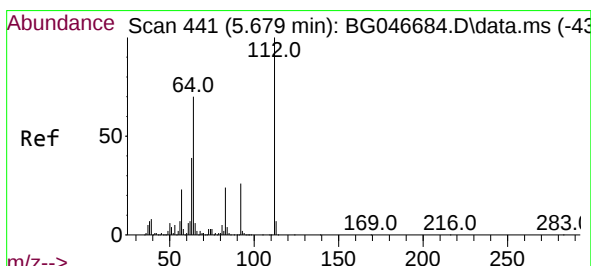
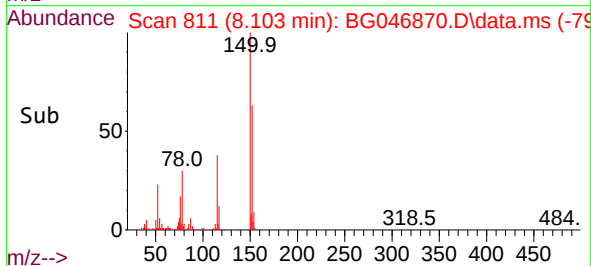
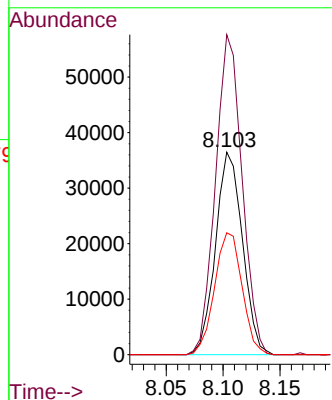
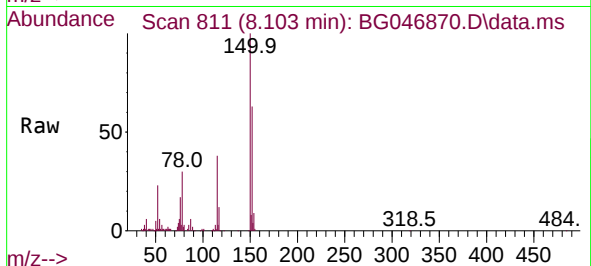




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.103 min Scan# 811
Delta R.T. -0.005 min
Lab File: BG046870.D
Acq: 13 Oct 2020 9:54

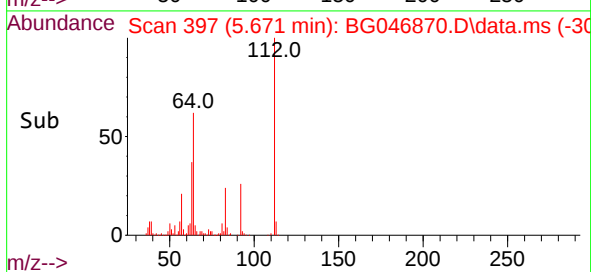
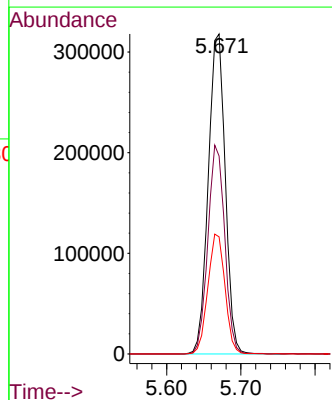
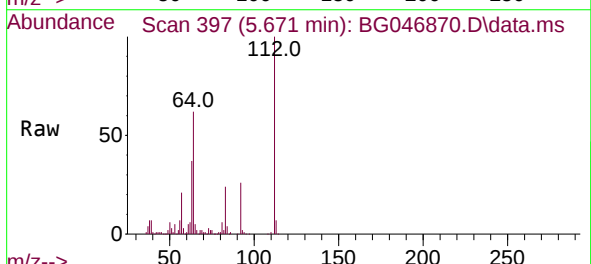
Instrument :
BNA_G
ClientSampleId :
26414

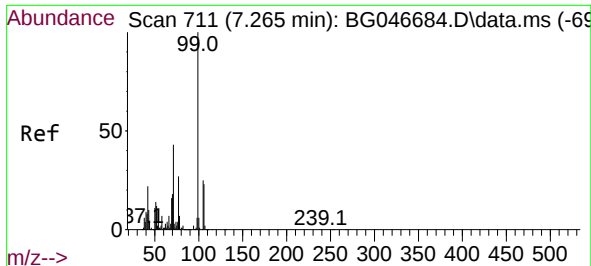
Tgt Ion:152 Resp: 60187
Ion Ratio Lower Upper
152 100
150 158.0 125.0 187.6
115 60.2 41.8 62.6



#5
2-Fluorophenol
Concen: 134.66 ng
RT: 5.671 min Scan# 397
Delta R.T. 0.001 min
Lab File: BG046870.D
Acq: 13 Oct 2020 9:54

Tgt Ion:112 Resp: 505916
Ion Ratio Lower Upper
112 100
64 61.9 46.7 70.1
63 36.6 22.8 34.2#

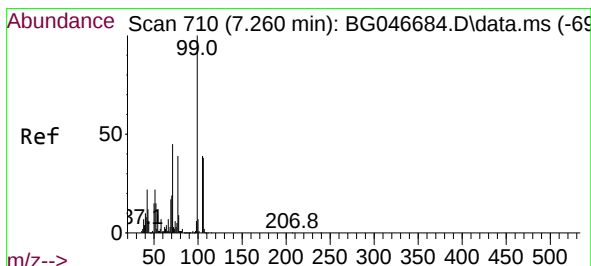
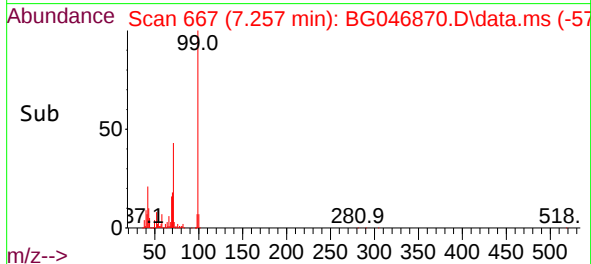
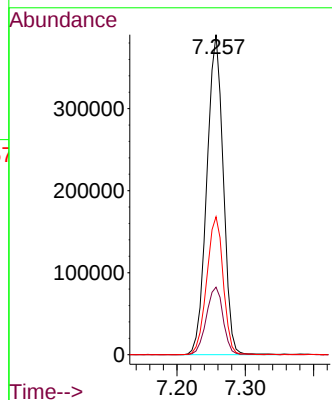
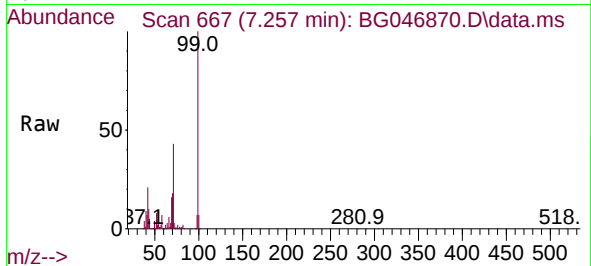




#7
Phenol-d6
Concen: 123.14 ng
RT: 7.257 min Scan# 667
Delta R.T. 0.001 min
Lab File: BG046870.D
Acq: 13 Oct 2020 9:54

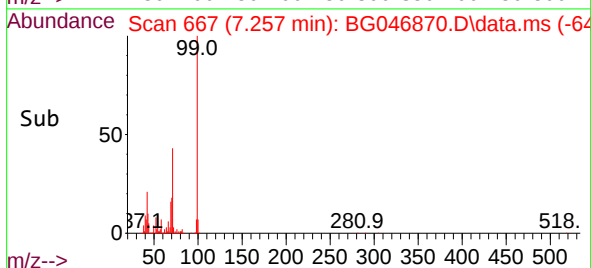
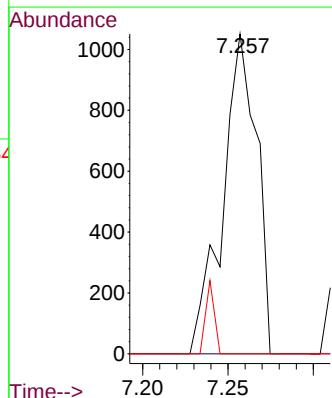
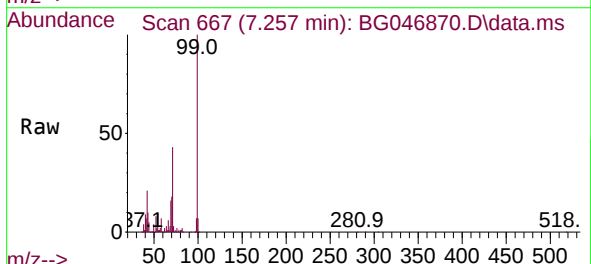
Instrument :
BNA_G
ClientSampleId :
26414

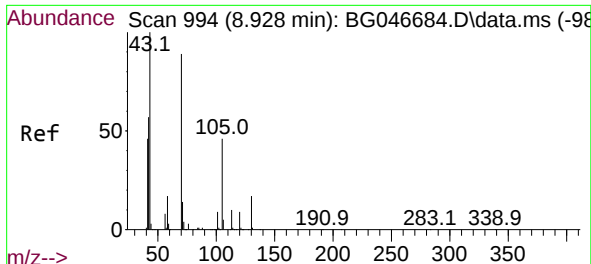
Tgt Ion: 99 Resp: 652545
Ion Ratio Lower Upper
99 100
42 21.1 12.8 19.2#
71 43.1 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.257 min Scan# 667
Delta R.T. 0.013 min
Lab File: BG046870.D
Acq: 13 Oct 2020 9:54

Tgt Ion: 77 Resp: 1451
Ion Ratio Lower Upper
77 100
105 0.0 85.9 125.9#
106 0.0 80.9 120.9#

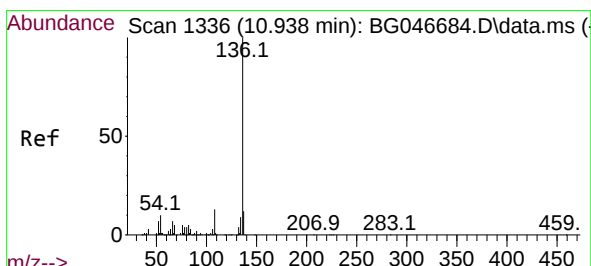
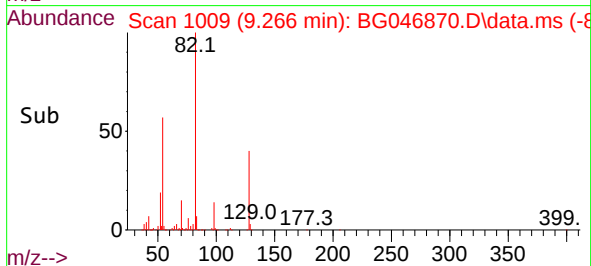
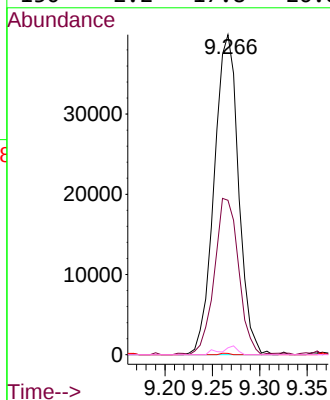
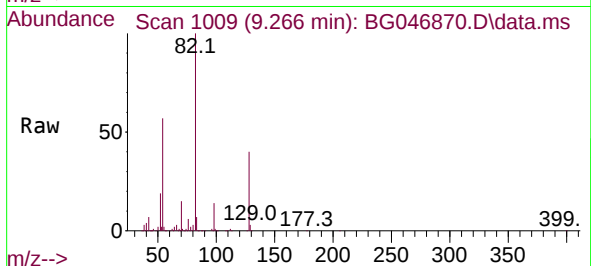




#19
n-Nitroso-di-n-propylamine
Concen: 19.59 ng
RT: 9.266 min Scan# 1009
Delta R.T. 0.354 min
Lab File: BG046870.D
Acq: 13 Oct 2020 9:54

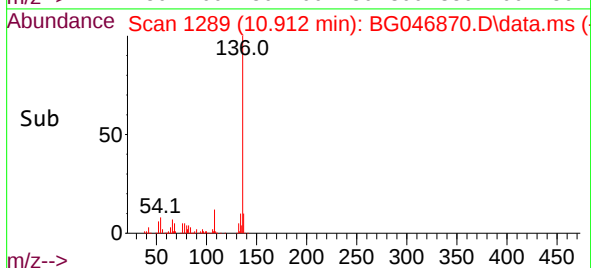
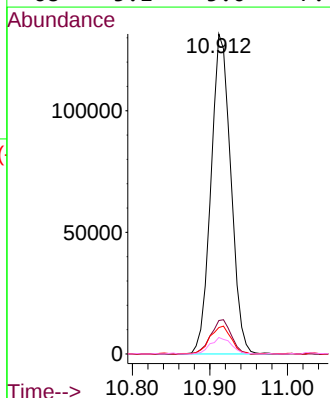
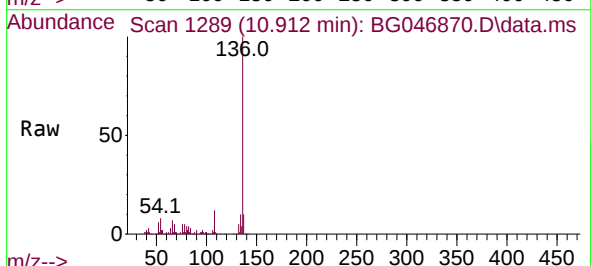
Instrument :
BNA_G
ClientSampleId :
26414

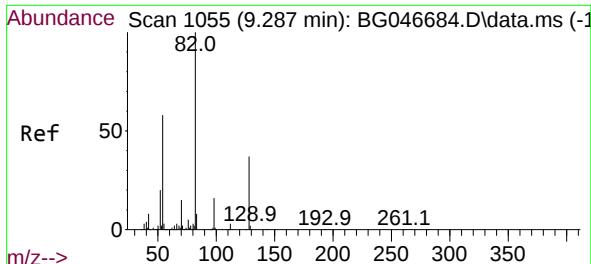
Tgt Ion: 70	Resp:	71180
Ion Ratio	Lower	Upper
70	100	
42	48.3	45.6 68.4
101	0.4	8.4 12.6#
130	2.2	17.8 26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.912 min Scan# 1289
Delta R.T. -0.011 min
Lab File: BG046870.D
Acq: 13 Oct 2020 9:54

Tgt Ion: 136	Resp:	234374
Ion Ratio	Lower	Upper
136	100	
137	10.4	9.1 13.7
54	8.2	6.2 9.4
68	5.1	5.0 7.4

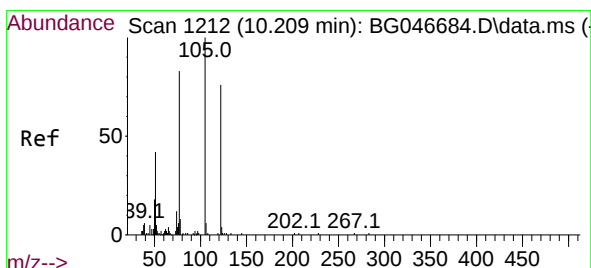
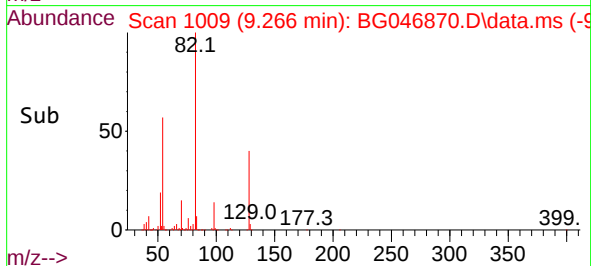
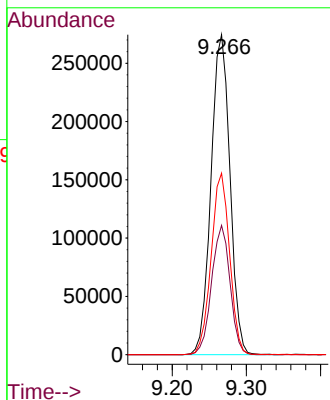
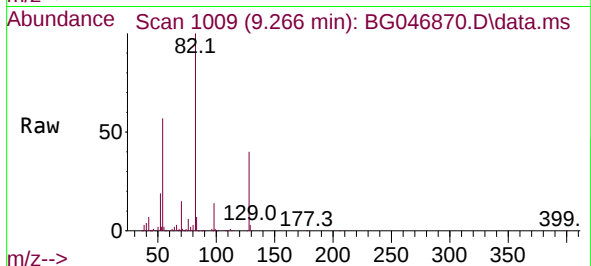




#23
Nitrobenzene-d5
Concen: 110.42 ng
RT: 9.266 min Scan# 1009
Delta R.T. -0.005 min
Lab File: BG046870.D
Acq: 13 Oct 2020 9:54

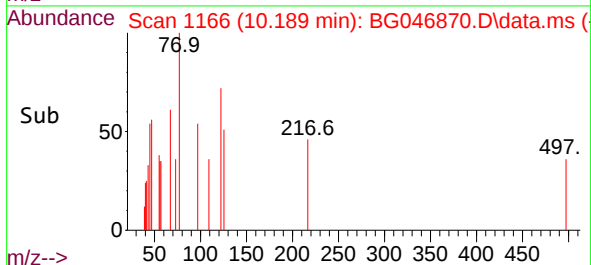
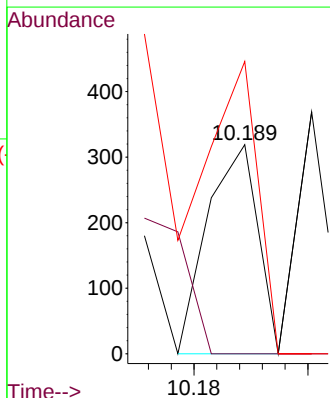
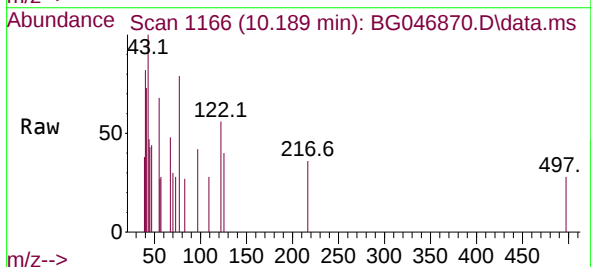
Instrument :
BNA_G
ClientSampled :
26414

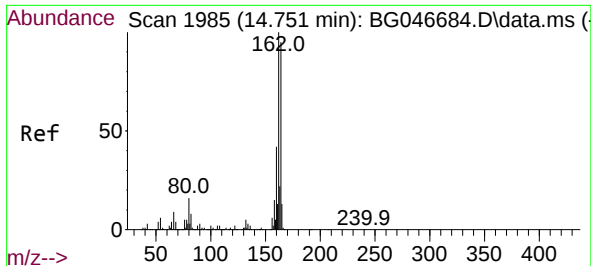
Tgt Ion: 82 Resp: 486443
Ion Ratio Lower Upper
82 100
128 40.4 37.0 55.6
54 56.7 39.0 58.4



#32
Benzoic acid
Concen: 6.41 ng
RT: 10.189 min Scan# 1166
Delta R.T. -0.005 min
Lab File: BG046870.D
Acq: 13 Oct 2020 9:54

Tgt Ion:122 Resp: 196
Ion Ratio Lower Upper
122 100
105 0.0 103.7 143.7#
77 139.8 63.0 103.0#

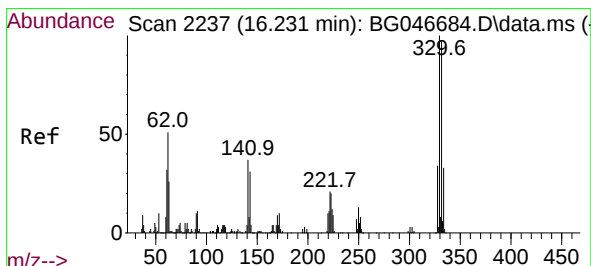
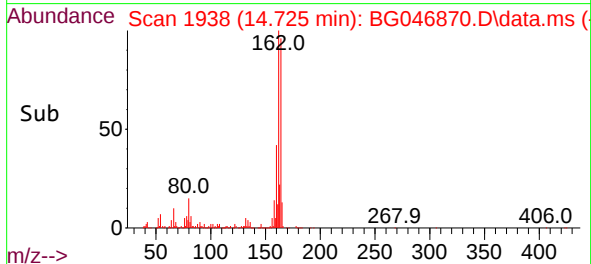
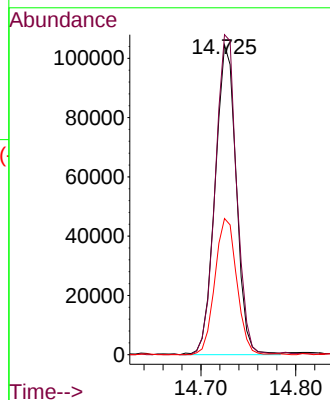
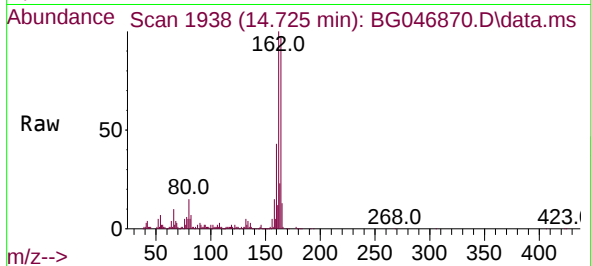




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.725 min Scan# 1938
Delta R.T. -0.011 min
Lab File: BG046870.D
Acq: 13 Oct 2020 9:54

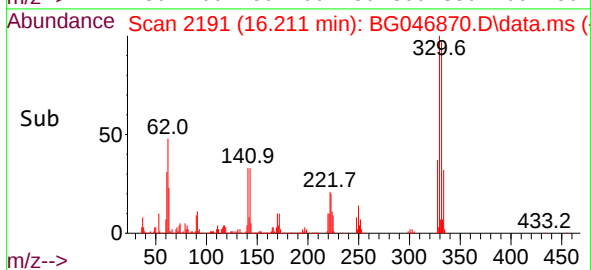
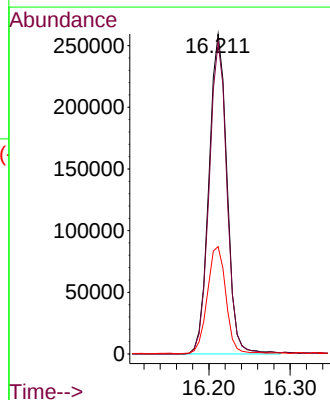
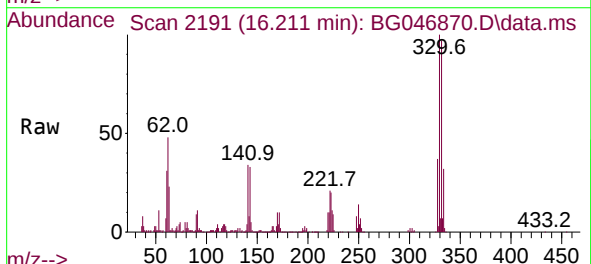
Instrument :
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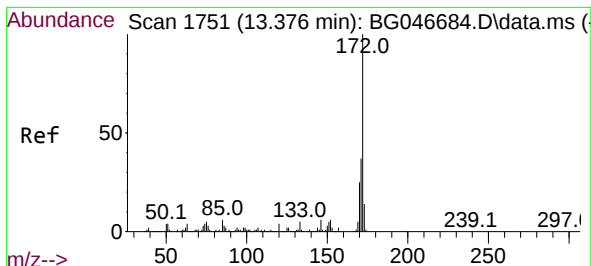
Tgt Ion:164 Resp: 162251
Ion Ratio Lower Upper
164 100
162 103.3 82.3 123.5
160 43.9 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 187.39 ng
RT: 16.211 min Scan# 2191
Delta R.T. -0.005 min
Lab File: BG046870.D
Acq: 13 Oct 2020 9:54

Tgt Ion:330 Resp: 400891
Ion Ratio Lower Upper
330 100
332 95.5 76.5 114.7
141 34.5 26.0 39.0

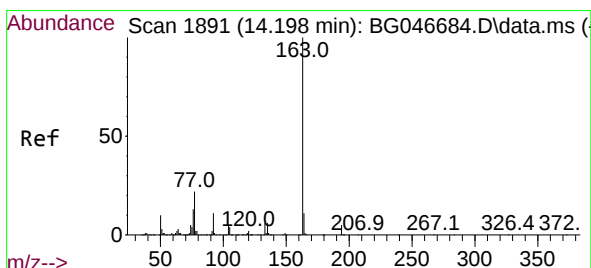
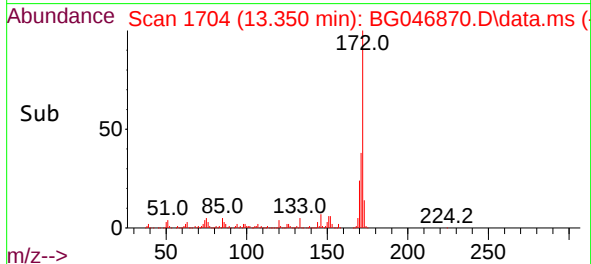
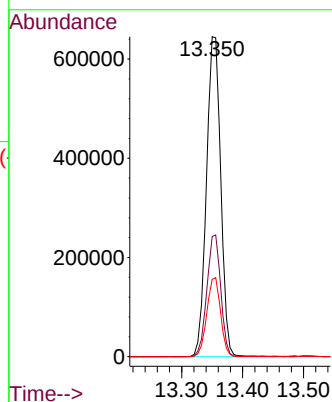
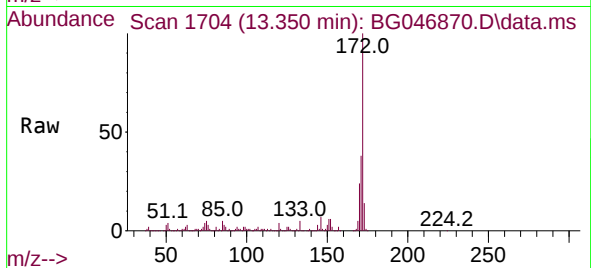




#45
2-Fluorobiphenyl
Concen: 91.81 ng
RT: 13.350 min Scan# 1704
Delta R.T. -0.011 min
Lab File: BG046870.D
Acq: 13 Oct 2020 9:54

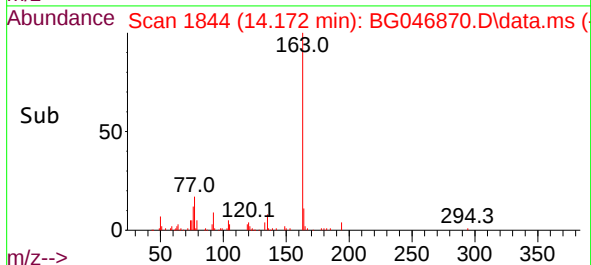
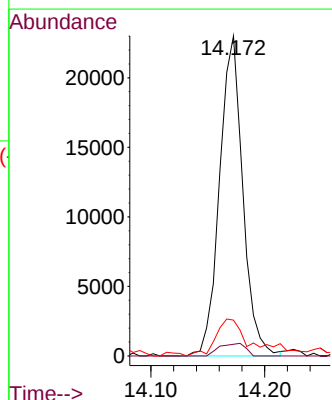
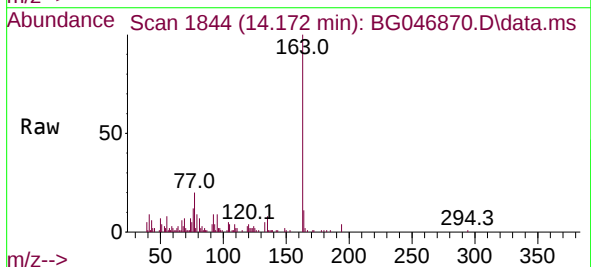
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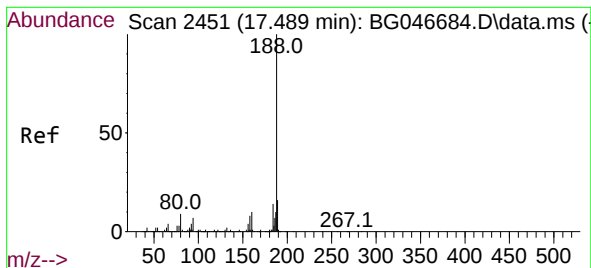
Tgt Ion:172 Resp: 1052200
Ion Ratio Lower Upper
172 100
171 37.6 31.3 46.9
170 24.2 20.8 31.2



#50
Dimethylphthalate
Concen: 2.52 ng
RT: 14.172 min Scan# 1844
Delta R.T. -0.011 min
Lab File: BG046870.D
Acq: 13 Oct 2020 9:54

Tgt Ion:163 Resp: 32658
Ion Ratio Lower Upper
163 100
194 3.7 3.8 5.8#
164 11.2 8.8 13.2

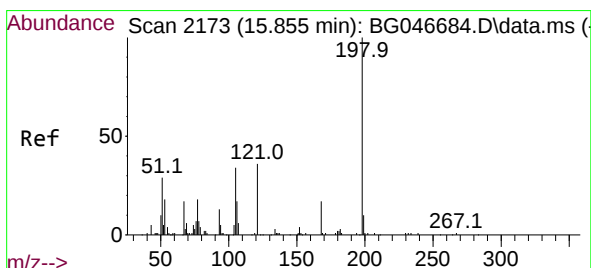
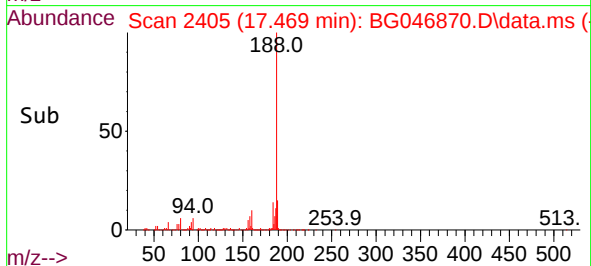
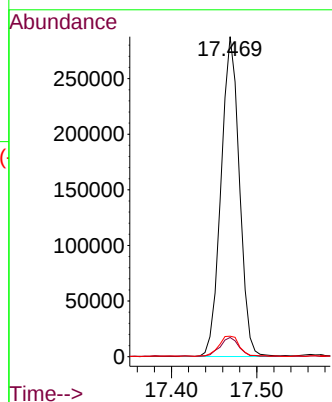
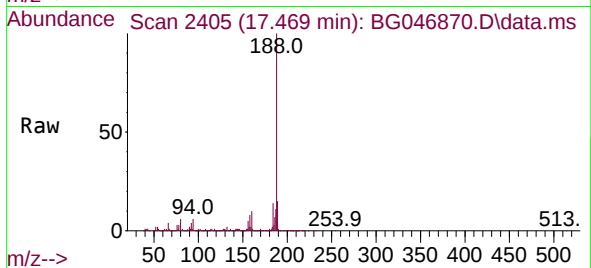




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.469 min Scan# 2405
Delta R.T. -0.011 min
Lab File: BG046870.D
Acq: 13 Oct 2020 9:54

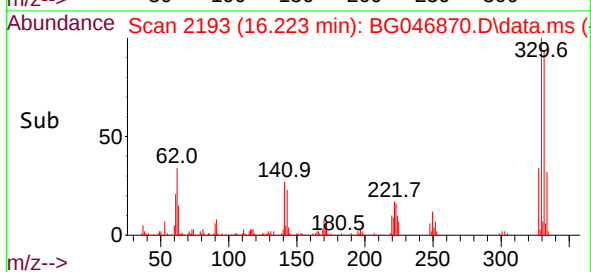
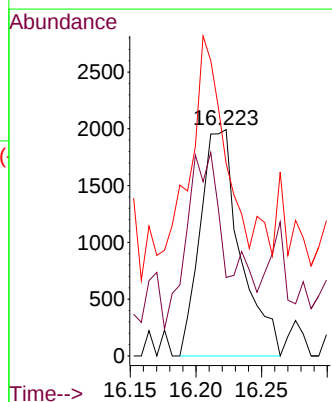
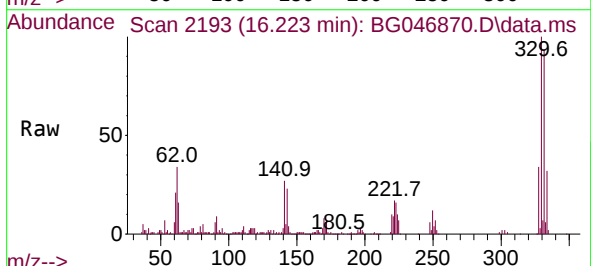
Instrument :
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26414

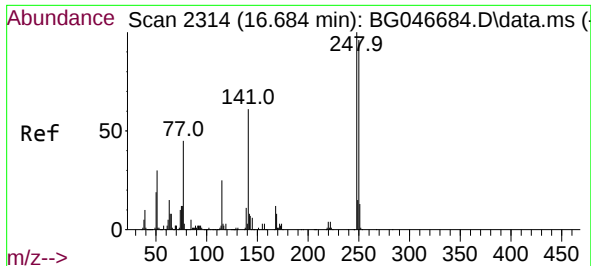
Tgt Ion:188 Resp: 430134
Ion Ratio Lower Upper
188 100
94 6.0 6.3 9.5#
80 6.4 7.0 10.6#



#65
4,6-Dinitro-2-methylphenol
Concen: 2.37 ng
RT: 16.223 min Scan# 2193
Delta R.T. 0.377 min
Lab File: BG046870.D
Acq: 13 Oct 2020 9:54

Tgt Ion:198 Resp: 4233
Ion Ratio Lower Upper
198 100
51 19.3 10.4 50.4
105 47.3 12.9 52.9

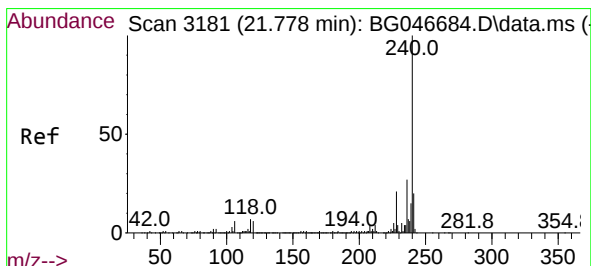
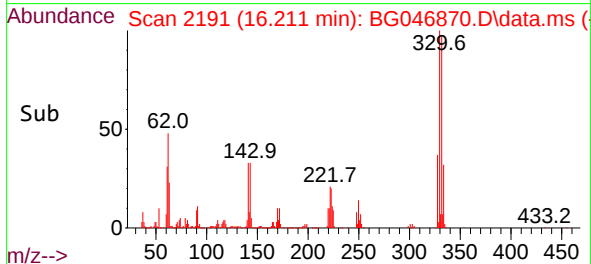
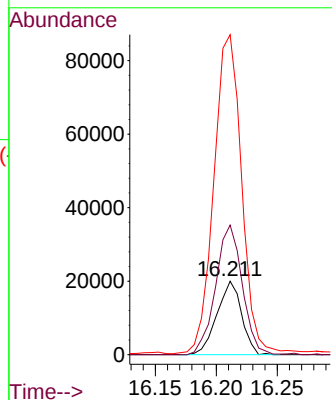
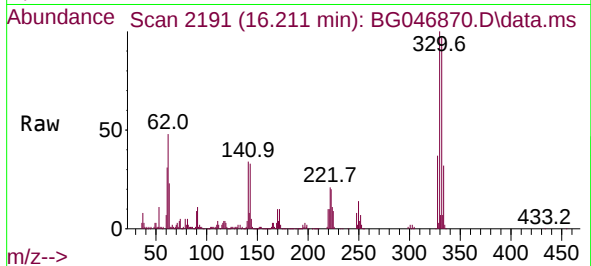




#67
4-Bromophenyl-phenylether
Concen: 5.16 ng
RT: 16.211 min Scan# 2191
Delta R.T. -0.451 min
Lab File: BG046870.D
Acq: 13 Oct 2020 9:54

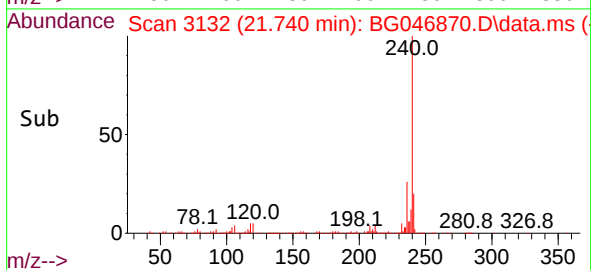
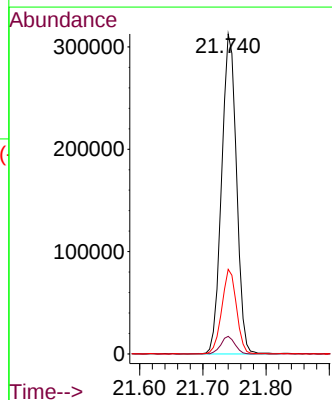
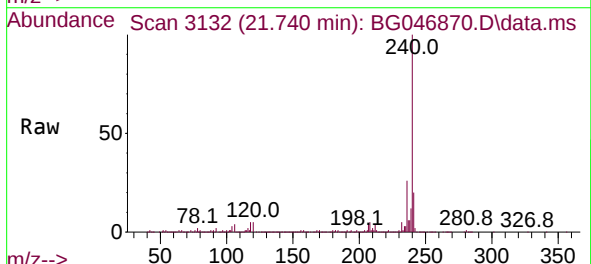
Instrument :
BNA_G
ClientSampleId :
26414

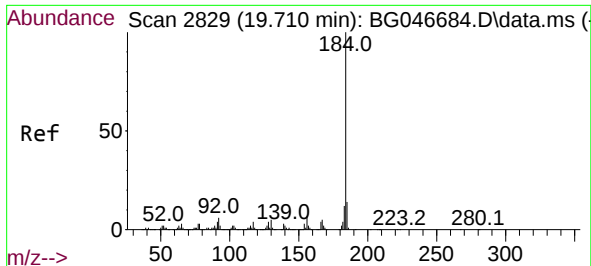
Tgt Ion:248 Resp: 28018
Ion Ratio Lower Upper
248 100
250 182.2 78.9 118.3#
141 343.5 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.740 min Scan# 3132
Delta R.T. -0.016 min
Lab File: BG046870.D
Acq: 13 Oct 2020 9:54

Tgt Ion:240 Resp: 511363
Ion Ratio Lower Upper
240 100
120 5.5 6.2 9.4#
236 26.5 20.5 30.7

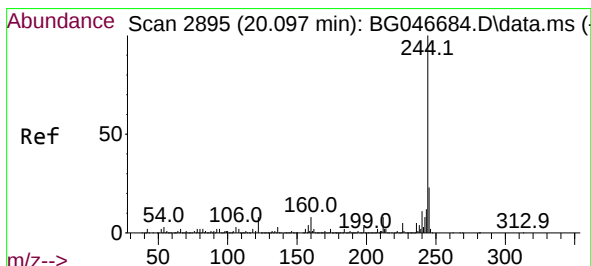
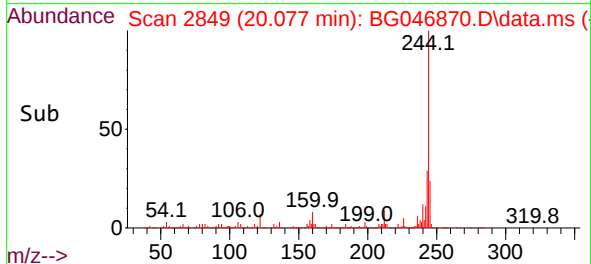
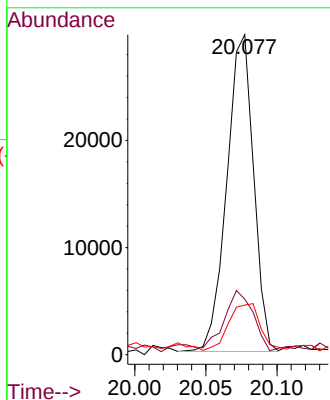
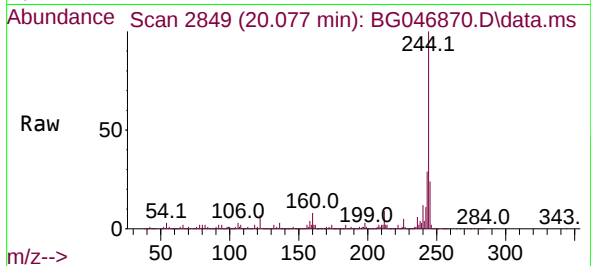




#77
Benzidine
Concen: 2.46 ng
RT: 20.077 min Scan# 2849
Delta R.T. 0.377 min
Lab File: BG046870.D
Acq: 13 Oct 2020 9:54

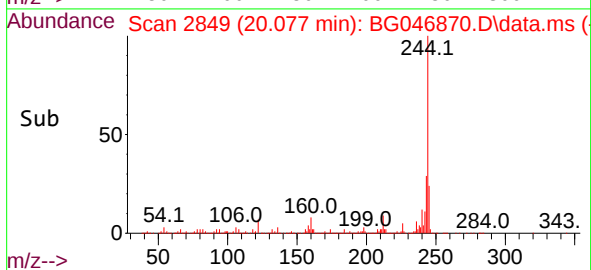
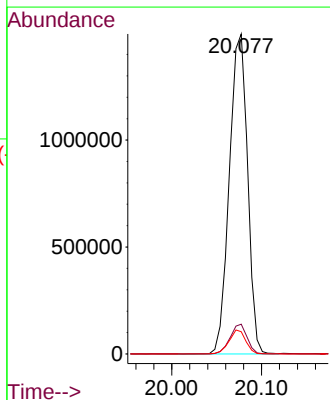
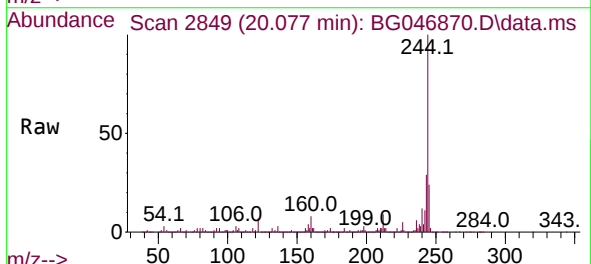
Instrument :
BNA_G
ClientSampled :
26414

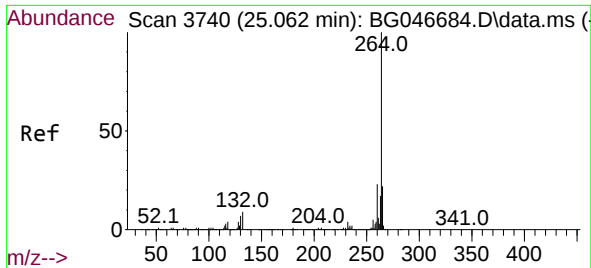
Tgt Ion:184 Resp: 38810
Ion Ratio Lower Upper
184 100
185 17.3 12.4 18.6
183 15.5 10.6 15.8



#79
Terphenyl-d14
Concen: 82.48 ng
RT: 20.077 min Scan# 2849
Delta R.T. -0.005 min
Lab File: BG046870.D
Acq: 13 Oct 2020 9:54

Tgt Ion:244 Resp: 2104434
Ion Ratio Lower Upper
244 100
212 9.3 6.7 10.1
122 7.0 7.8 11.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.007 min Scan# 3688
 Delta R.T. -0.022 min
 Lab File: BG046870.D
 Acq: 13 Oct 2020 9:54

Instrument :
 BNA_G
 ClientSampleId :
 26414

Tgt Ion:264	Resp:	504375
Ion	Ratio	Lower Upper
264	100	
260	23.4	18.8 28.2
265	22.0	17.8 26.8

